

Initial Calibration Report for SequenceID : FF102925AL

AreaCount

Parameter Range	FF016622.D	FF016623.D	FF016624.D	FF016625.D	FF016626.D	
Aliphatic C9-C12	34250739.000	18172159.000	7069670.000	3787377.000	1943906.000	
Aliphatic C12-C16	23411931.000	12564972.000	4817745.000	2565526.000	1298028.000	
Aliphatic C16-C21	36227304.000	19632183.000	7567094.000	4093905.000	2145581.000	
Aliphatic C21-C28	47568729.000	26389597.000	10060681.000	5668078.000	3354034.000	
Aliphatic C28-C40	54264933.000	30658246.000	12121584.000	7042078.000	4305012.000	
Aliphatic EPH	195723636.000	107417157.000	41636774.000	23156964.000	13046561.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	121796.8646664	5.11				
Aliphatic C12-C16	124246.42	4.319				
Aliphatic C16-C21	131451.8733332	6.616				
Aliphatic C21-C28	137206.394	13.844				
Aliphatic C28-C40	110903.4549998	18.571				
Aliphatic EPH	123471.4088884	11.337				

Concentration

Parameter Range	FF016622.D	FF016623.D	FF016624.D	FF016625.D	FF016626.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FF016622.D	FF016623.D	FF016624.D	FF016625.D	FF016626.D	
Aliphatic C9-C12	114169.130000	121147.726666	117827.833333	126245.900000	129593.733333	
Aliphatic C12-C16	117059.655000	125649.720000	120443.625000	128276.300000	129802.800000	
Aliphatic C16-C21	120757.680000	130881.220000	126118.233333	136463.500000	143038.733333	

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Aliphatic C21-C28	118921.822500	131947.985000	125758.512500	141701.950000	167701.700000	
Aliphatic C28-C40	90441.555000	102194.153333	101013.200000	117367.966666	143500.400000	
Aliphatic EPH	108735.353333	119352.396666	115657.705555	128649.800000	144961.788888	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AL\
 Data File : FF016622.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2025 22:32
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 30 03:11:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 03:08:34 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.967	13593040	95.356 ug/ml
Spiked Amount 50.000		Recovery =	190.71%
12) S 1-chlorooctadecane (S...	13.405	10587334	96.009 ug/ml
Spiked Amount 50.000		Recovery =	192.02%
Target Compounds			
1) T n-Nonane (C9)	3.317	11248617	97.151 ug/ml
2) T n-Decane (C10)	4.579	11447343	96.795 ug/ml
3) T A~Naphthalene (C11.7)	6.289	12526263	99.858 ug/ml
4) T n-Dodecane (C12)	6.757	11554779	96.745 ug/ml
5) T A~2-methylnaphthalene...	7.391	12121003	101.072 ug/ml
6) T n-Tetradecane (C14)	8.590	11468977	97.577 ug/ml
7) T n-Hexadecane (C16)	10.200	11942954	96.822 ug/ml
8) T n-Octadecane (C18)	11.648	12257879	96.347 ug/ml
10) T n-Eicosane (C20)	12.959	12023661	95.467 ug/ml
11) T n-Heneicosane (C21)	13.574	11945764	95.427 ug/ml
13) T n-Docosane (C22)	14.161	11982982	95.257 ug/ml
14) T n-Tetracosane (C24)	15.268	12086195	94.820 ug/ml
15) T n-Hexacosane (C26)	16.293	11934171	94.758 ug/ml
16) T n-Octacosane (C28)	17.246	11565381	93.398 ug/ml
17) T n-Tricontane (C30)	18.137	11326289	90.198 ug/ml
18) T n-Dotriacontane (C32)	18.974	10451901	86.700 ug/ml
19) T n-Tetratriacontane (C34)	19.759	9364291	87.617 ug/ml
20) T n-Hexatriacontane (C36)	20.502	8191801	89.627 ug/ml
21) T n-Octatriacontane (C38)	21.261	7577856	92.336 ug/ml
22) T n-Tetracontane (C40)	22.206	7352795	92.360 ug/ml

(f)=RT Delta > 1/2 Window

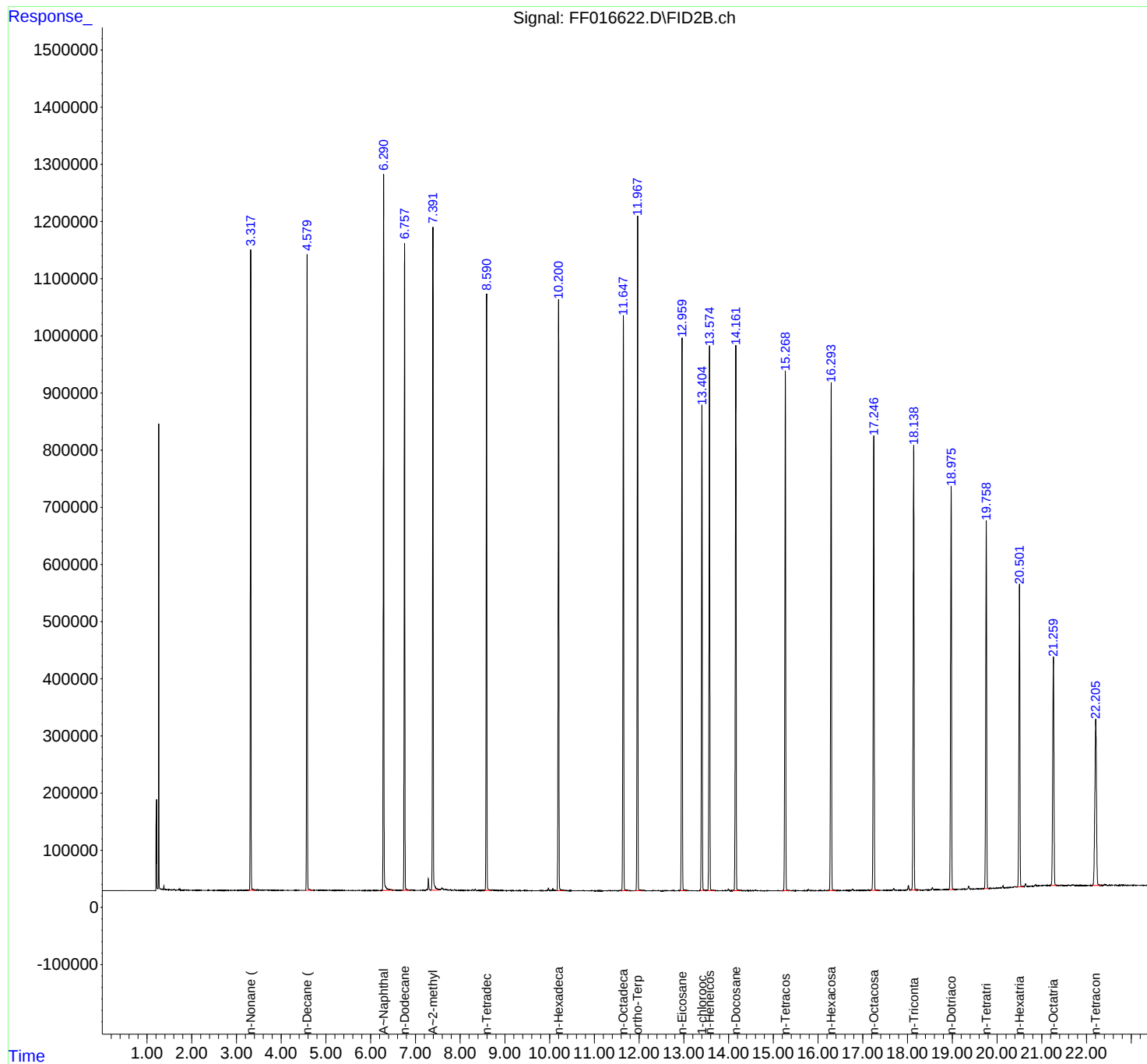
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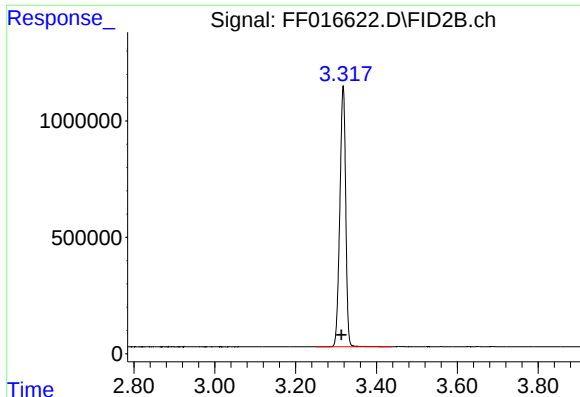
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Data File : FF016622.D
Signal(s) : FID2B.ch
Acq On : 29 Oct 2025 22:32
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Oct 30 03:11:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 03:08:34 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

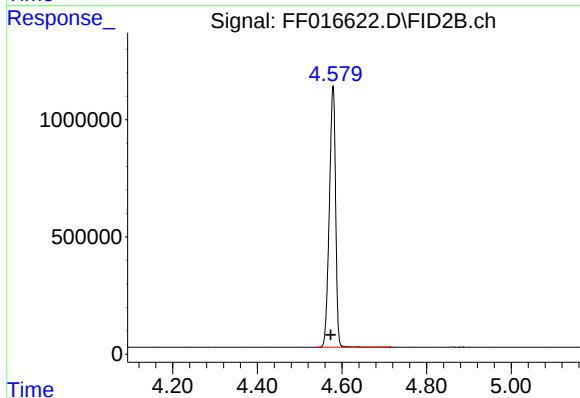




#1 n-Nonane (C9)

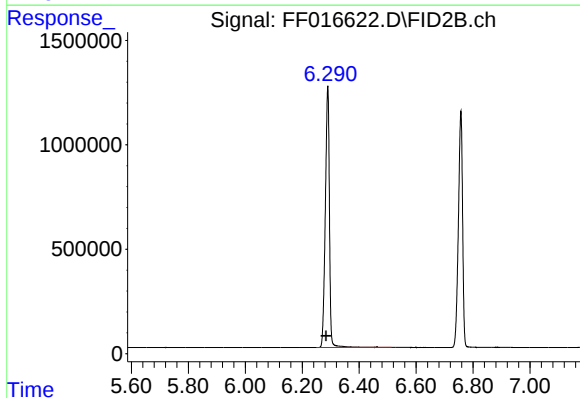
R.T.: 3.317 min
Delta R.T.: 0.004 min
Response: 11248617
Conc: 97.15 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



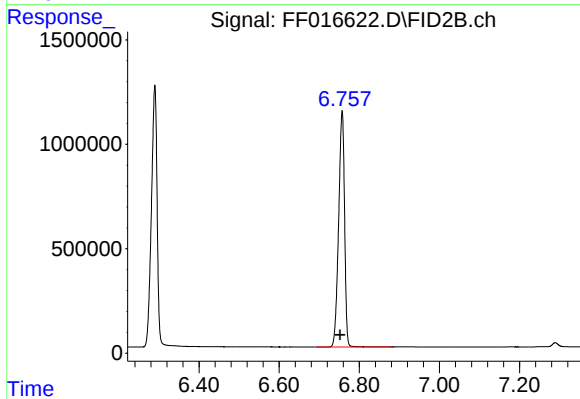
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: 0.005 min
Response: 11447343
Conc: 96.80 ug/ml



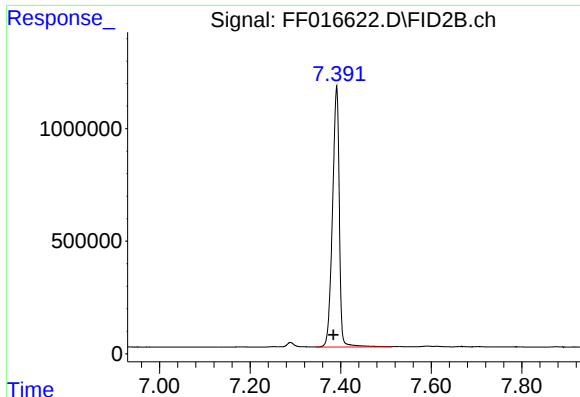
#3 A~Naphthalene (C11.7)

R.T.: 6.289 min
Delta R.T.: 0.005 min
Response: 12526263
Conc: 99.86 ug/ml



#4 n-Dodecane (C12)

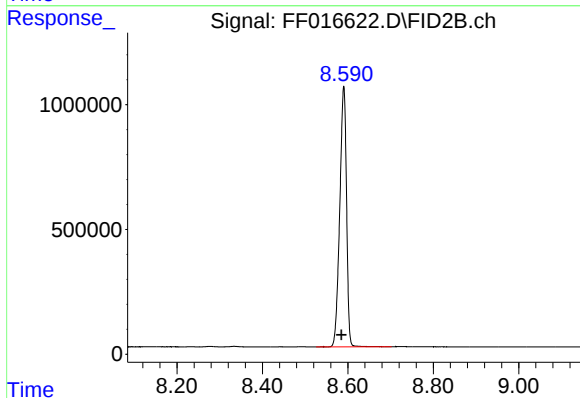
R.T.: 6.757 min
Delta R.T.: 0.005 min
Response: 11554779
Conc: 96.75 ug/ml



#5 A~2-methylnaphthalene (C12.89)

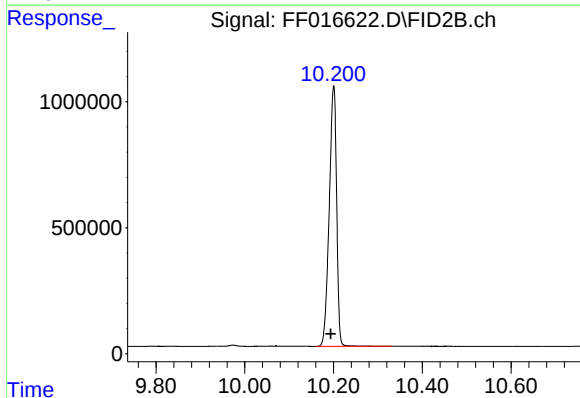
R.T.: 7.391 min
Delta R.T.: 0.006 min
Response: 12121003
Conc: 101.07 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



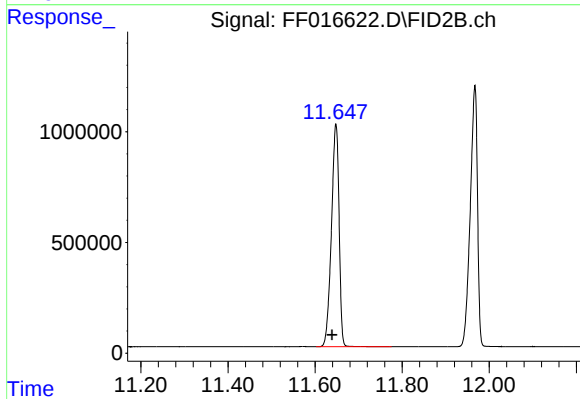
#6 n-Tetradecane (C14)

R.T.: 8.590 min
Delta R.T.: 0.005 min
Response: 11468977
Conc: 97.58 ug/ml



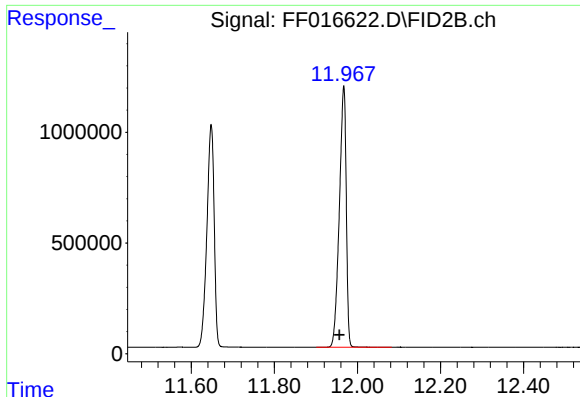
#7 n-Hexadecane (C16)

R.T.: 10.200 min
Delta R.T.: 0.007 min
Response: 11942954
Conc: 96.82 ug/ml



#8 n-Octadecane (C18)

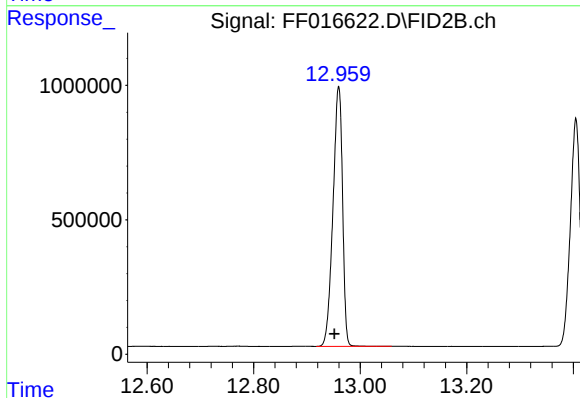
R.T.: 11.648 min
Delta R.T.: 0.009 min
Response: 12257879
Conc: 96.35 ug/ml



#9 ortho-Terphenyl (SURR)

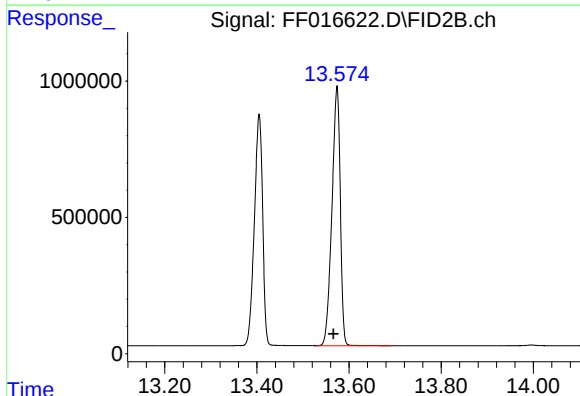
R.T.: 11.967 min
Delta R.T.: 0.010 min
Response: 13593040
Conc: 95.36 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



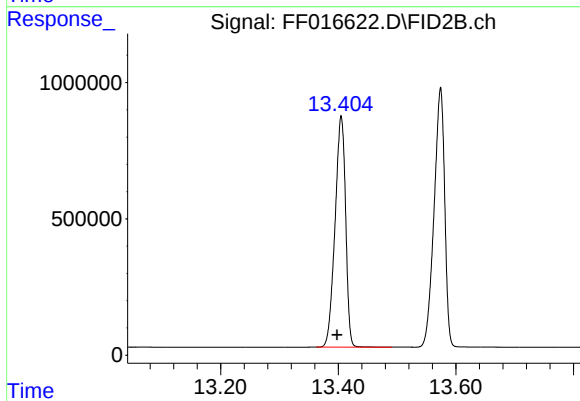
#10 n-Eicosane (C20)

R.T.: 12.959 min
Delta R.T.: 0.008 min
Response: 12023661
Conc: 95.47 ug/ml



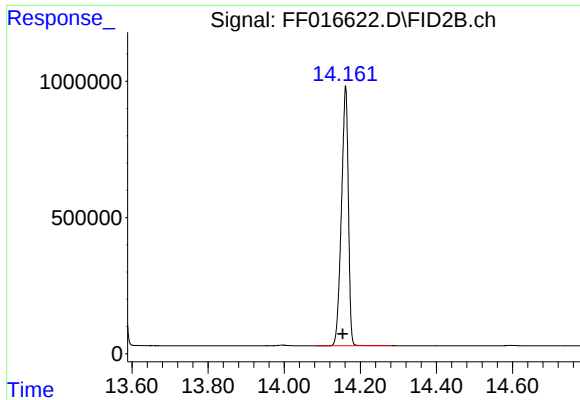
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: 0.008 min
Response: 11945764
Conc: 95.43 ug/ml



#12 1-chlorooctadecane (SURR)

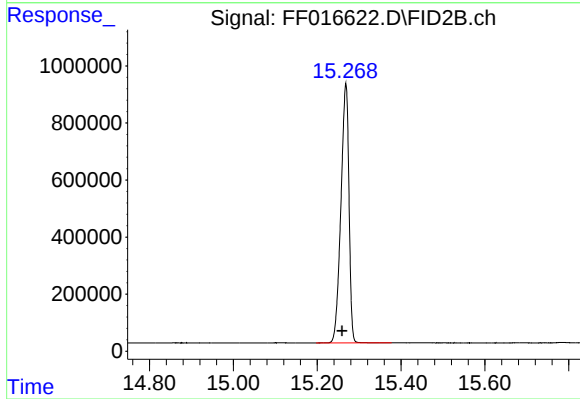
R.T.: 13.405 min
Delta R.T.: 0.007 min
Response: 10587334
Conc: 96.01 ug/ml



#13 n-Docosane (C22)

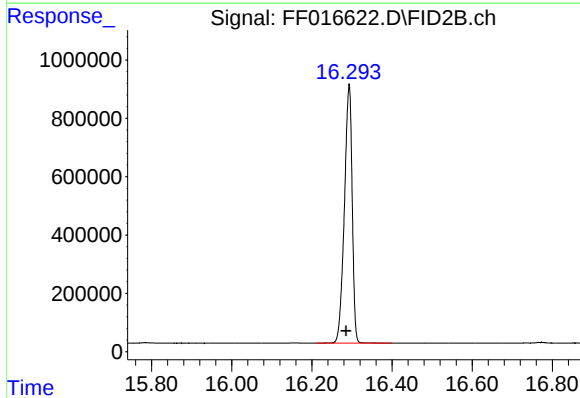
R.T.: 14.161 min
Delta R.T.: 0.007 min
Response: 11982982
Conc: 95.26 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



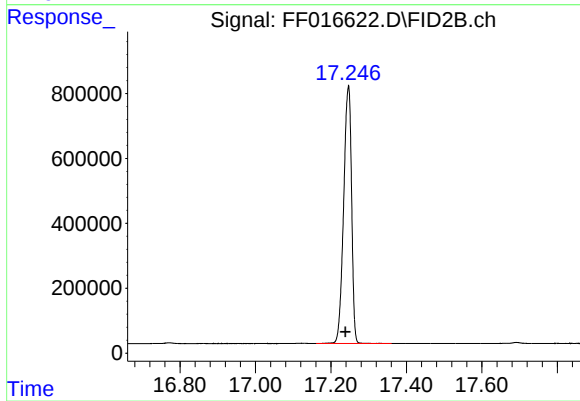
#14 n-Tetracosane (C24)

R.T.: 15.268 min
Delta R.T.: 0.008 min
Response: 12086195
Conc: 94.82 ug/ml



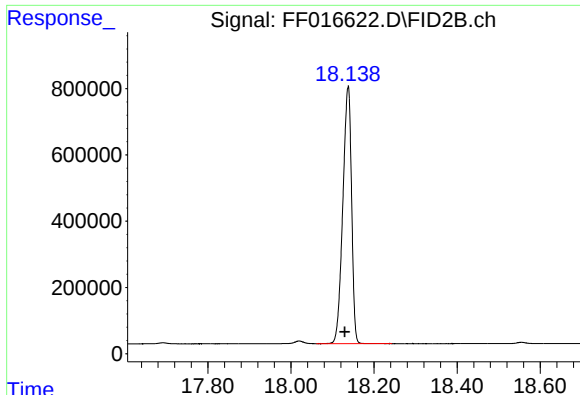
#15 n-Hexacosane (C26)

R.T.: 16.293 min
Delta R.T.: 0.007 min
Response: 11934171
Conc: 94.76 ug/ml



#16 n-Octacosane (C28)

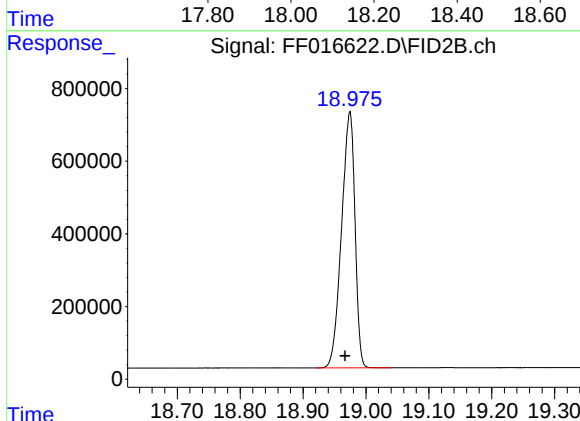
R.T.: 17.246 min
Delta R.T.: 0.008 min
Response: 11565381
Conc: 93.40 ug/ml



#17 n-Tricontane (C30)

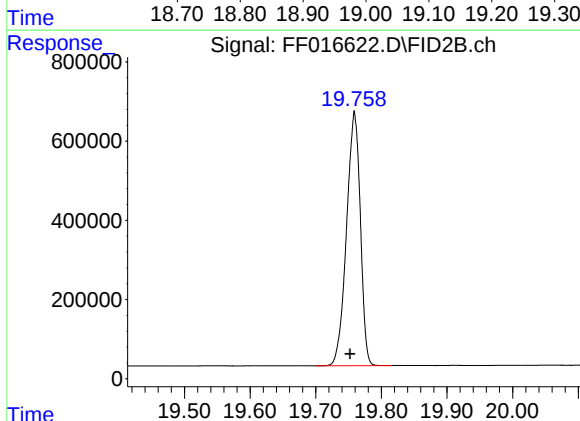
R.T.: 18.137 min
Delta R.T.: 0.008 min
Response: 11326289
Conc: 90.20 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



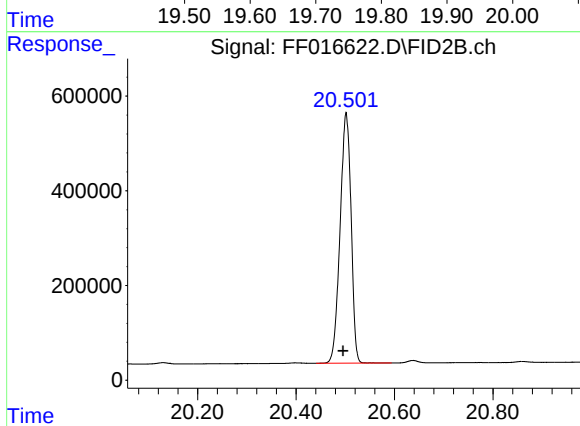
#18 n-Dotriacontane (C32)

R.T.: 18.974 min
Delta R.T.: 0.008 min
Response: 10451901
Conc: 86.70 ug/ml



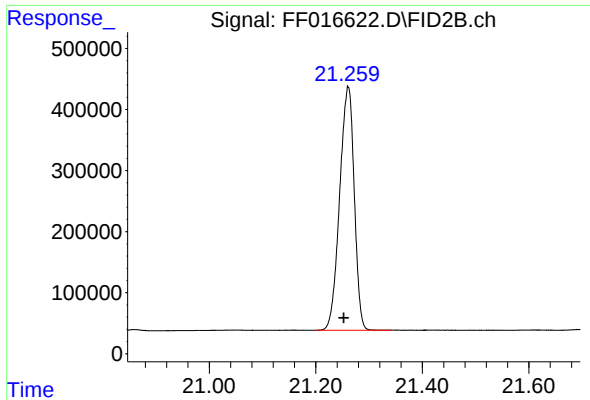
#19 n-Tetratriacontane (C34)

R.T.: 19.759 min
Delta R.T.: 0.006 min
Response: 9364291
Conc: 87.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.502 min
Delta R.T.: 0.007 min
Response: 8191801
Conc: 89.63 ug/ml



#21 n-Octatriacontane (C38)

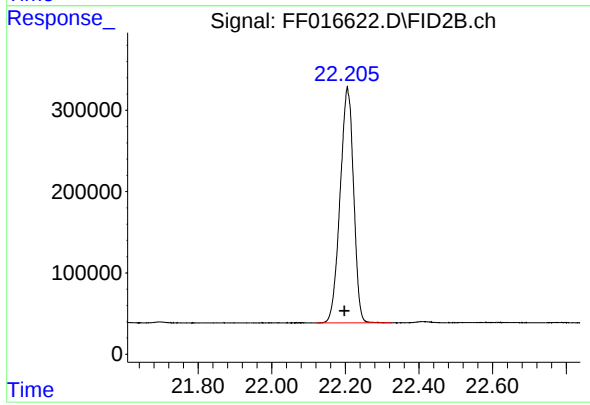
R.T.: 21.261 min
Delta R.T.: 0.009 min
Response: 7577856
Conc: 92.34 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.206 min
Delta R.T.: 0.009 min
Response: 7352795
Conc: 92.36 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AL\
Data File : FF016622.D
Signal(s) : FID2B.ch
Acq On : 29 Oct 2025 22:32
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.318	3.251	3.437	BV	1120508	11248617	82.75%	4.600%
2	4.579	4.539	4.717	BB	1116244	11447343	84.21%	4.681%
3	6.289	6.249	6.514	BB	1248984	12526263	92.15%	5.122%
4	6.757	6.692	6.881	BB	1136763	11554779	85.01%	4.725%
5	7.391	7.346	7.512	VV	1157775	12121003	89.17%	4.956%
6	8.590	8.526	8.702	BV	1047646	11468977	84.37%	4.690%
7	10.200	10.161	10.331	BB	1038862	11942954	87.86%	4.884%
8	11.648	11.602	11.776	BB	1007894	12257879	90.18%	5.012%
9	11.967	11.901	12.082	BV	1185058	13593040	100.00%	5.558%
10	12.959	12.917	13.059	VV	965464	12023661	88.45%	4.917%
11	13.405	13.362	13.491	BV	847827	10587334	77.89%	4.329%
12	13.574	13.529	13.692	PB	955730	11945764	87.88%	4.885%
13	14.161	14.084	14.282	BB	954076	11982982	88.16%	4.900%
14	15.268	15.197	15.377	BB	907427	12086195	88.91%	4.942%
15	16.293	16.211	16.399	BB	886030	11934171	87.80%	4.880%
16	17.246	17.161	17.361	BB	791250	11565381	85.08%	4.729%
17	18.137	18.061	18.242	VB	774975	11326289	83.32%	4.631%
18	18.974	18.921	19.041	BB	705314	10451901	76.89%	4.274%
19	19.759	19.701	19.816	BV	642193	9364291	68.89%	3.829%
20	20.502	20.441	20.594	BB	527749	8191801	60.26%	3.350%
21	21.261	21.201	21.342	BB	398793	7577856	55.75%	3.099%
22	22.206	22.121	22.326	BB	290080	7352795	54.09%	3.007%

Sum of corrected areas: 244551275

Aliphatic EPH 102925.M Thu Oct 30 03:41:41 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AL\
 Data File : FF016623.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2025 23:02
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 30 03:11:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
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Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
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Spiked Amount 50.000		Recovery =	103.09%
12) S 1-chlorooctadecane (S...	13.401	5724705	51.913 ug/ml
Spiked Amount 50.000		Recovery =	103.83%
Target Compounds			
1) T n-Nonane (C9)	3.315	5946090	51.355 ug/ml
2) T n-Decane (C10)	4.576	6071156	51.336 ug/ml
3) T A~Naphthalene (C11.7)	6.285	6610609	52.699 ug/ml
4) T n-Dodecane (C12)	6.753	6154913	51.534 ug/ml
5) T A~2-methylnaphthalene...	7.386	6401517	53.380 ug/ml
6) T n-Tetradecane (C14)	8.587	6136588	52.209 ug/ml
7) T n-Hexadecane (C16)	10.197	6428384	52.115 ug/ml
8) T n-Octadecane (C18)	11.643	6622022	52.049 ug/ml
10) T n-Eicosane (C20)	12.955	6525620	51.813 ug/ml
11) T n-Heneicosane (C21)	13.569	6484541	51.801 ug/ml
13) T n-Docosane (C22)	14.156	6544039	52.021 ug/ml
14) T n-Tetracosane (C24)	15.264	6700729	52.569 ug/ml
15) T n-Hexacosane (C26)	16.288	6636645	52.695 ug/ml
16) T n-Octacosane (C28)	17.242	6508184	52.558 ug/ml
17) T n-Tricontane (C30)	18.133	6483318	51.630 ug/ml
18) T n-Dotriacontane (C32)	18.969	6080183	50.436 ug/ml
19) T n-Tetratriacontane (C34)	19.756	5377883	50.318 ug/ml
20) T n-Hexatriacontane (C36)	20.499	4552508	49.809 ug/ml
21) T n-Octatriacontane (C38)	21.256	4150066	50.568 ug/ml
22) T n-Tetracontane (C40)	22.201	4014288	50.424 ug/ml

(f)=RT Delta > 1/2 Window

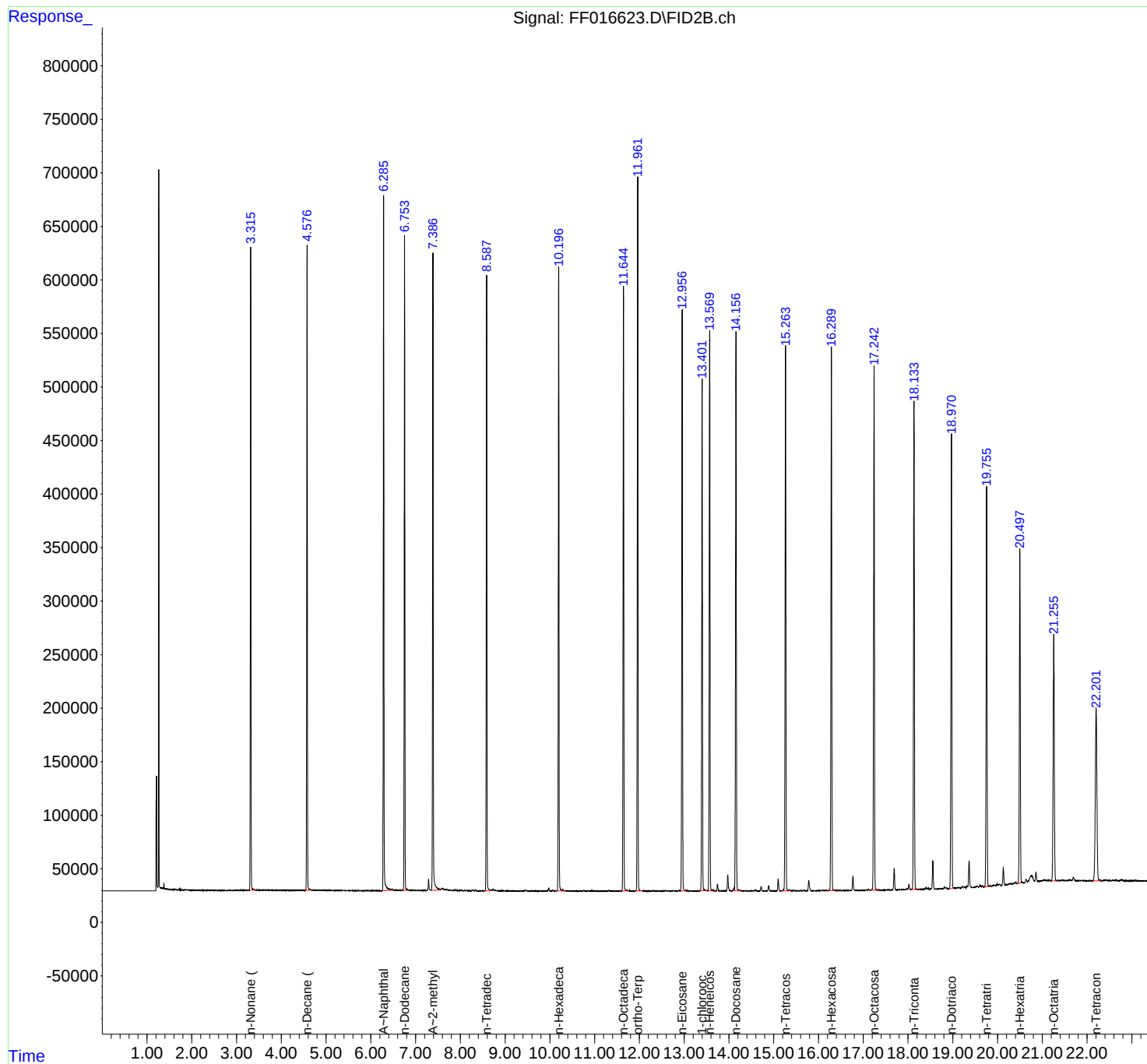
(m)=manual int.

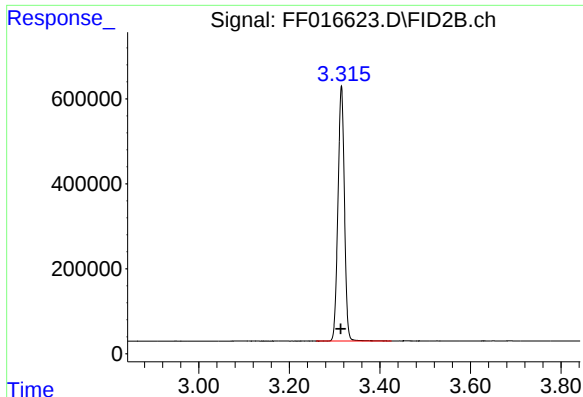
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AL\
Data File : FF016623.D
Signal(s) : FID2B.ch
Acq On : 29 Oct 2025 23:02
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Oct 30 03:11:34 2025
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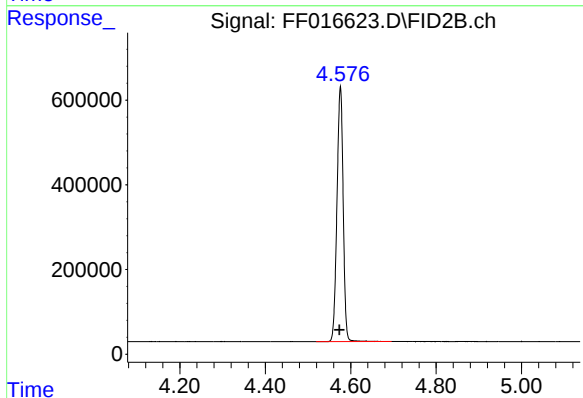




#1 n-Nonane (C9)

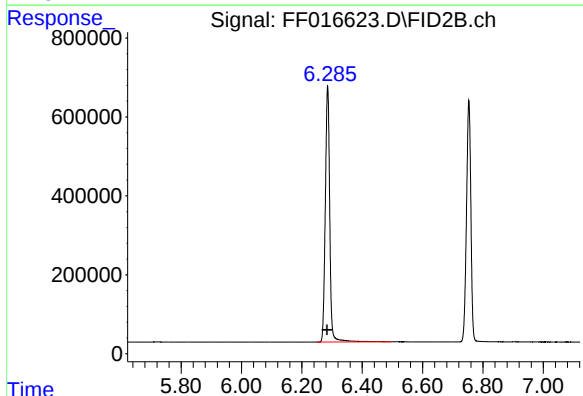
R.T.: 3.315 min
Delta R.T.: 0.002 min
Response: 5946090
Conc: 51.35 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



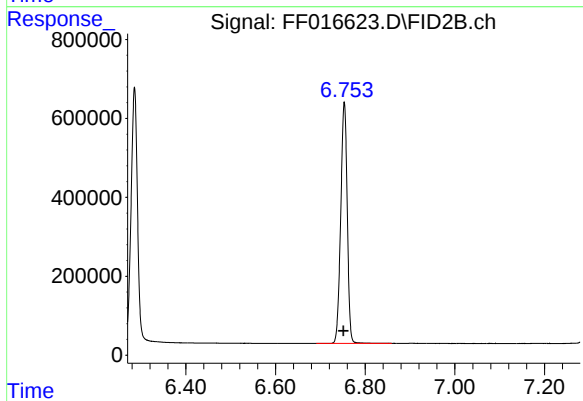
#2 n-Decane (C10)

R.T.: 4.576 min
Delta R.T.: 0.002 min
Response: 6071156
Conc: 51.34 ug/ml



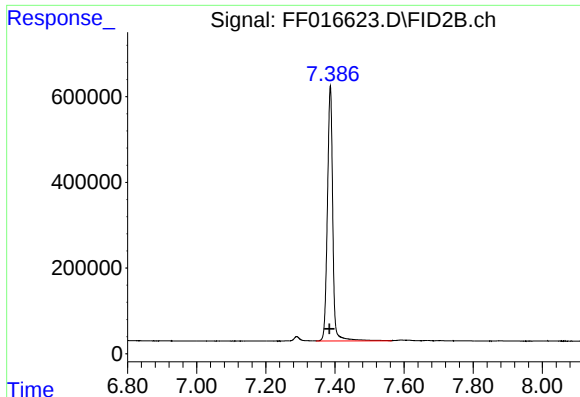
#3 A~Naphthalene (C11.7)

R.T.: 6.285 min
Delta R.T.: 0.001 min
Response: 6610609
Conc: 52.70 ug/ml



#4 n-Dodecane (C12)

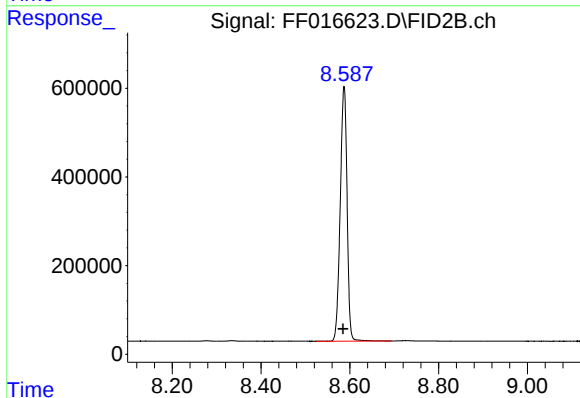
R.T.: 6.753 min
Delta R.T.: 0.002 min
Response: 6154913
Conc: 51.53 ug/ml



#5 A~2-methylnaphthalene (C12.89)

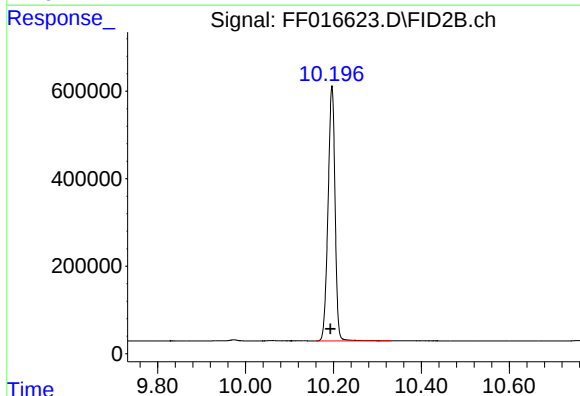
R.T.: 7.386 min
Delta R.T.: 0.002 min
Response: 6401517
Conc: 53.38 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



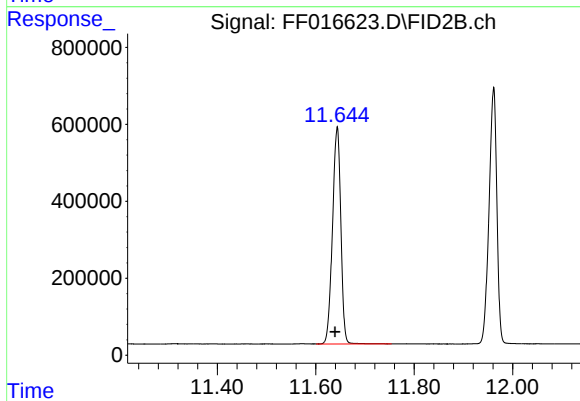
#6 n-Tetradecane (C14)

R.T.: 8.587 min
Delta R.T.: 0.002 min
Response: 6136588
Conc: 52.21 ug/ml



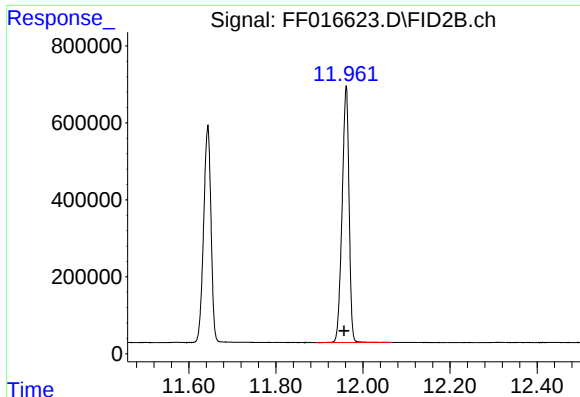
#7 n-Hexadecane (C16)

R.T.: 10.197 min
Delta R.T.: 0.003 min
Response: 6428384
Conc: 52.12 ug/ml



#8 n-Octadecane (C18)

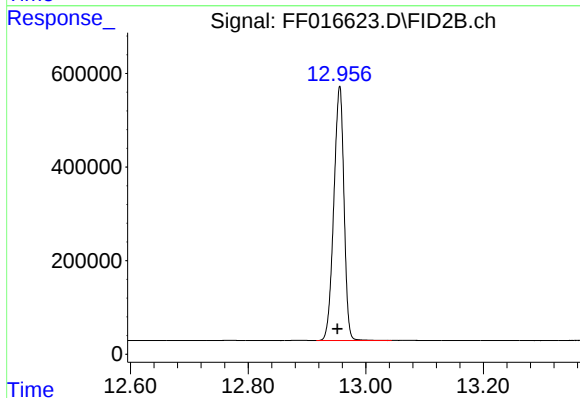
R.T.: 11.643 min
Delta R.T.: 0.004 min
Response: 6622022
Conc: 52.05 ug/ml



#9 ortho-Terphenyl (SURR)

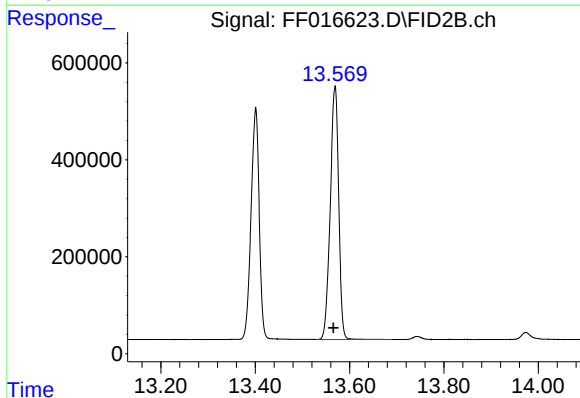
R.T.: 11.961 min
Delta R.T.: 0.005 min
Response: 7348035
Conc: 51.55 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



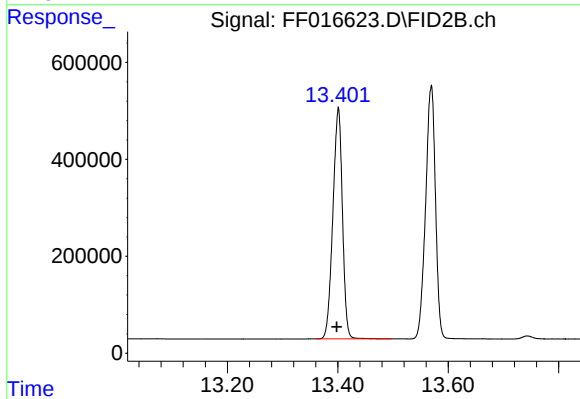
#10 n-Eicosane (C20)

R.T.: 12.955 min
Delta R.T.: 0.004 min
Response: 6525620
Conc: 51.81 ug/ml



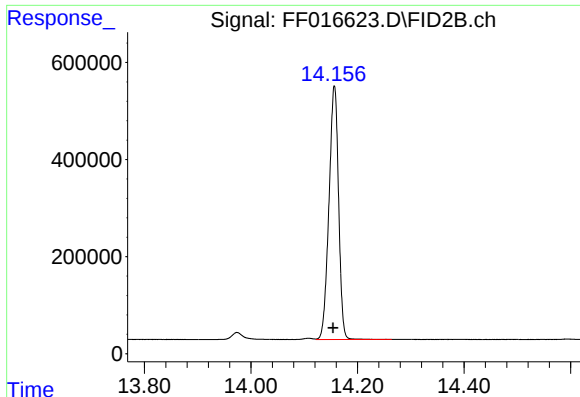
#11 n-Heneicosane (C21)

R.T.: 13.569 min
Delta R.T.: 0.003 min
Response: 6484541
Conc: 51.80 ug/ml



#12 1-chlorooctadecane (SURR)

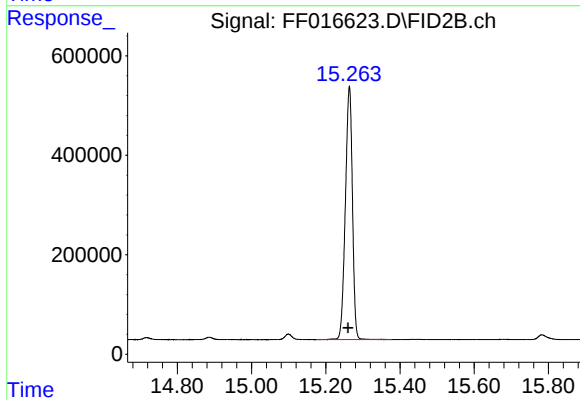
R.T.: 13.401 min
Delta R.T.: 0.003 min
Response: 5724705
Conc: 51.91 ug/ml



#13 n-Docosane (C22)

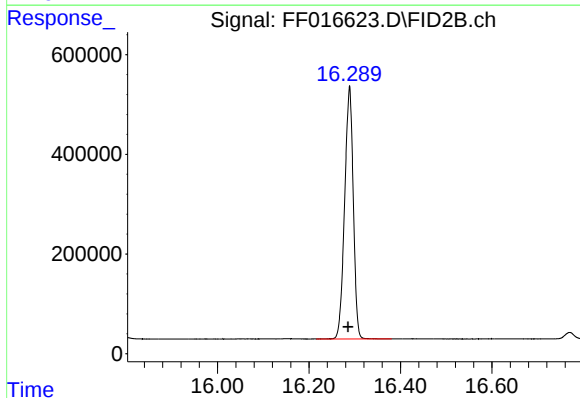
R.T.: 14.156 min
Delta R.T.: 0.003 min
Response: 6544039
Conc: 52.02 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



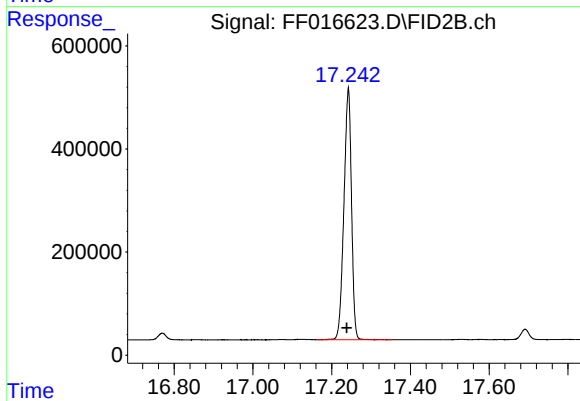
#14 n-Tetracosane (C24)

R.T.: 15.264 min
Delta R.T.: 0.004 min
Response: 6700729
Conc: 52.57 ug/ml



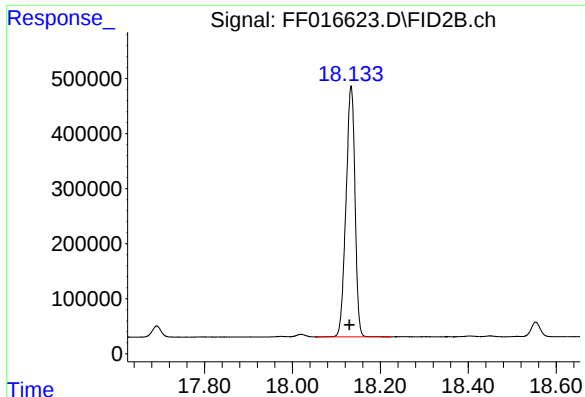
#15 n-Hexacosane (C26)

R.T.: 16.288 min
Delta R.T.: 0.003 min
Response: 6636645
Conc: 52.70 ug/ml



#16 n-Octacosane (C28)

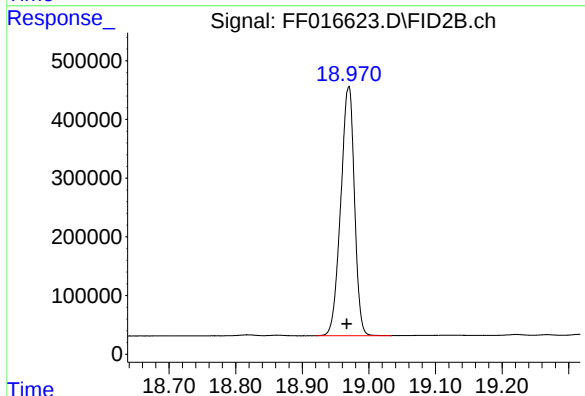
R.T.: 17.242 min
Delta R.T.: 0.004 min
Response: 6508184
Conc: 52.56 ug/ml



#17 n-Tricontane (C30)

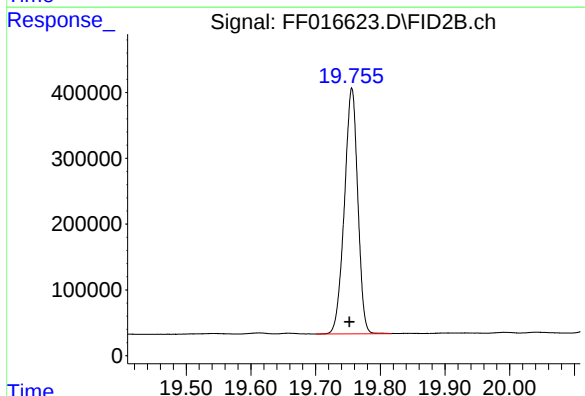
R.T.: 18.133 min
Delta R.T.: 0.004 min
Response: 6483318
Conc: 51.63 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



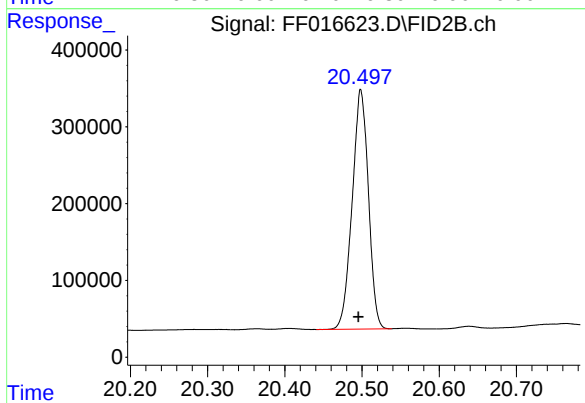
#18 n-Dotriacontane (C32)

R.T.: 18.969 min
Delta R.T.: 0.003 min
Response: 6080183
Conc: 50.44 ug/ml



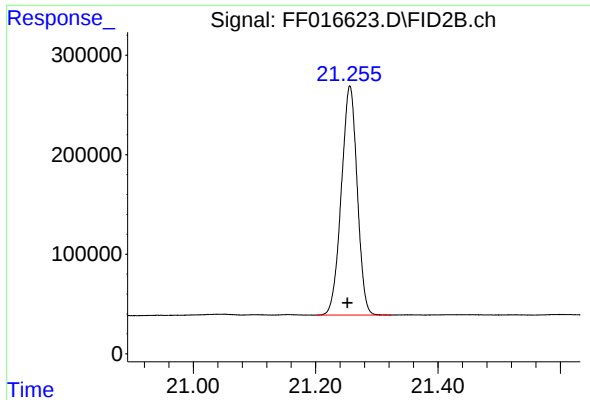
#19 n-Tetratriacontane (C34)

R.T.: 19.756 min
Delta R.T.: 0.003 min
Response: 5377883
Conc: 50.32 ug/ml



#20 n-Hexatriacontane (C36)

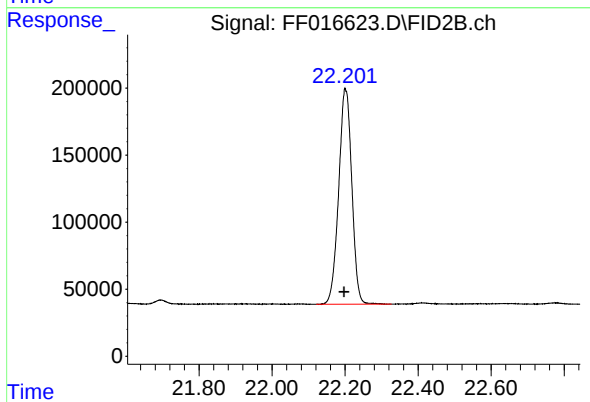
R.T.: 20.499 min
Delta R.T.: 0.003 min
Response: 4552508
Conc: 49.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.256 min
Delta R.T.: 0.004 min
Response: 4150066
Conc: 50.57 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.201 min
Delta R.T.: 0.004 min
Response: 4014288
Conc: 50.42 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AL\
Data File : FF016623.D
Signal(s) : FID2B.ch
Acq On : 29 Oct 2025 23:02
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 32 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.315	3.259	3.426	BB	602277	5946090	80.92%	4.454%
2	4.576	4.519	4.696	BB	602820	6071156	82.62%	4.548%
3	6.285	6.247	6.497	BB	649894	6610609	89.96%	4.952%
4	6.753	6.691	6.859	BB	612544	6154913	83.76%	4.610%
5	7.387	7.346	7.564	VV	593819	6401517	87.12%	4.795%
6	8.587	8.524	8.694	BB	576662	6136588	83.51%	4.597%
7	10.197	10.161	10.332	BB	582123	6428384	87.48%	4.815%
8	11.643	11.601	11.754	BB	567464	6622022	90.12%	4.960%
9	11.961	11.892	12.066	BB	663955	7348035	100.00%	5.504%
10	12.955	12.916	13.044	PV	544724	6525620	88.81%	4.888%
11	13.401	13.361	13.497	BB	477269	5724705	77.91%	4.288%
12	13.569	13.529	13.689	BB	521638	6484541	88.25%	4.857%
13	14.156	14.122	14.264	VB	524154	6544039	89.06%	4.902%
14	15.264	15.174	15.377	BB	510146	6700729	91.19%	5.019%
15	16.288	16.216	16.381	BB	510345	6636645	90.32%	4.971%
16	17.242	17.161	17.352	BB	489379	6508184	88.57%	4.875%
17	18.133	18.054	18.226	PB	456802	6483318	88.23%	4.856%
18	18.969	18.921	19.034	BB	423194	6080183	82.75%	4.554%
19	19.756	19.701	19.817	BV	374009	5377883	73.19%	4.028%
20	20.499	20.441	20.539	BV	310599	4552508	61.96%	3.410%
21	21.256	21.201	21.324	BB	230533	4150066	56.48%	3.109%
22	22.201	22.121	22.327	BB	160520	4014288	54.63%	3.007%

Sum of corrected areas: 133502024

Aliphatic EPH 102925.M Thu Oct 30 03:42:59 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AL\
 Data File : FF016624.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2025 23:31
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 30 03:11:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 03:08:34 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.957	2850999	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.398	2205483	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.313	2315702	20.000 ug/ml
2) T n-Decane (C10)	4.574	2365267	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.284	2508806	20.000 ug/ml
4) T n-Dodecane (C12)	6.752	2388701	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.384	2398492	20.000 ug/ml
6) T n-Tetradecane (C14)	8.585	2350759	20.000 ug/ml
7) T n-Hexadecane (C16)	10.193	2466986	20.000 ug/ml
8) T n-Octadecane (C18)	11.639	2544524	20.000 ug/ml
10) T n-Eicosane (C20)	12.952	2518920	20.000 ug/ml
11) T n-Heneicosane (C21)	13.566	2503650	20.000 ug/ml
13) T n-Docosane (C22)	14.154	2515920	20.000 ug/ml
14) T n-Tetracosane (C24)	15.260	2549288	20.000 ug/ml
15) T n-Hexacosane (C26)	16.285	2518885	20.000 ug/ml
16) T n-Octacosane (C28)	17.238	2476588	20.000 ug/ml
17) T n-Tricontane (C30)	18.130	2511431	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.967	2411043	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.753	2137559	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.495	1827974	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.252	1641372	20.000 ug/ml
22) T n-Tetracontane (C40)	22.197	1592205	20.000 ug/ml

(f)=RT Delta > 1/2 Window

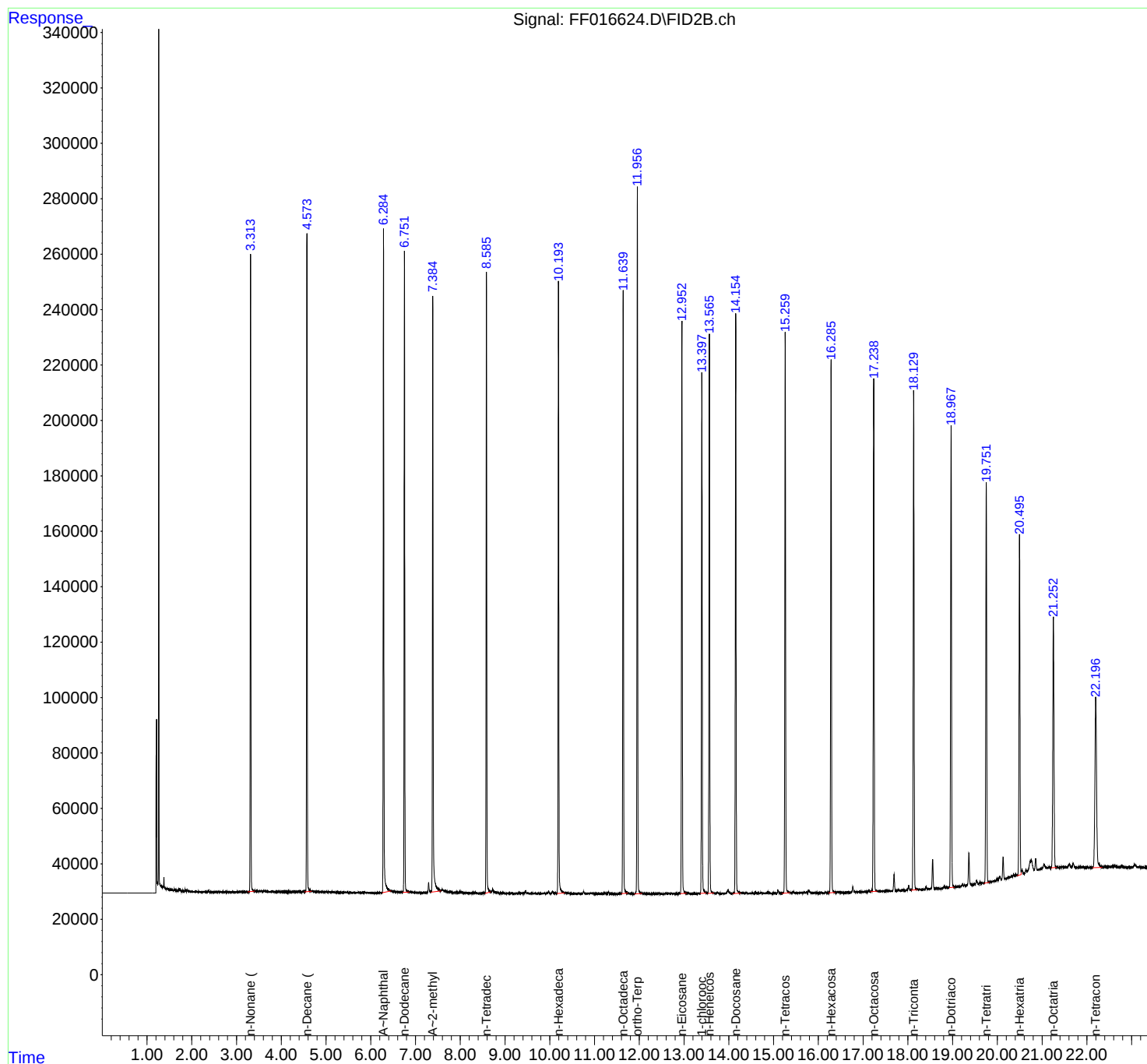
(m)=manual int.

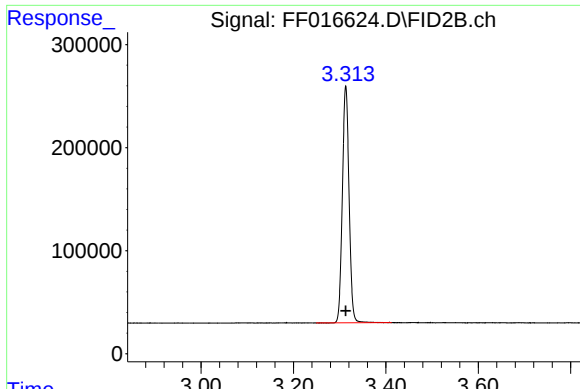
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AL\
Data File : FF016624.D
Signal(s) : FID2B.ch
Acq On : 29 Oct 2025 23:31
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Oct 30 03:11:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 03:08:34 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

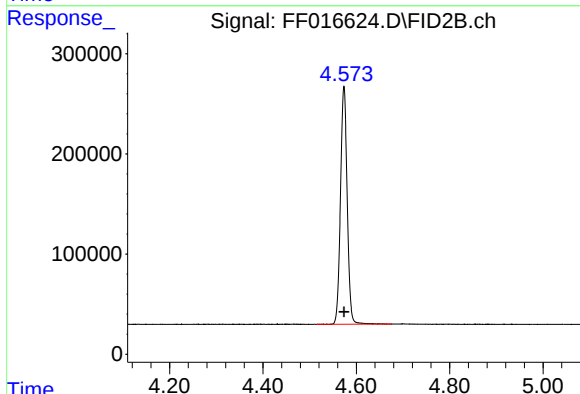




#1 n-Nonane (C9)

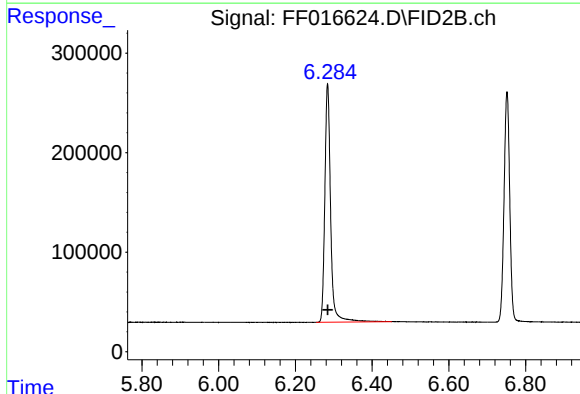
R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 2315702
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



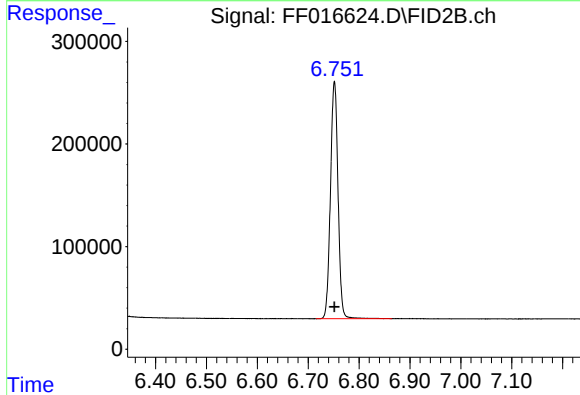
#2 n-Decane (C10)

R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 2365267
Conc: 20.00 ug/ml



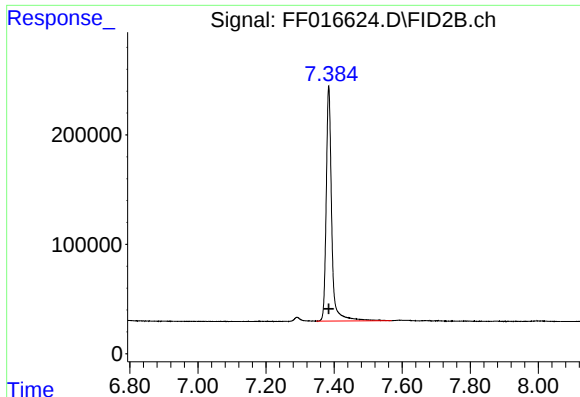
#3 A~Naphthalene (C11.7)

R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 2508806
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

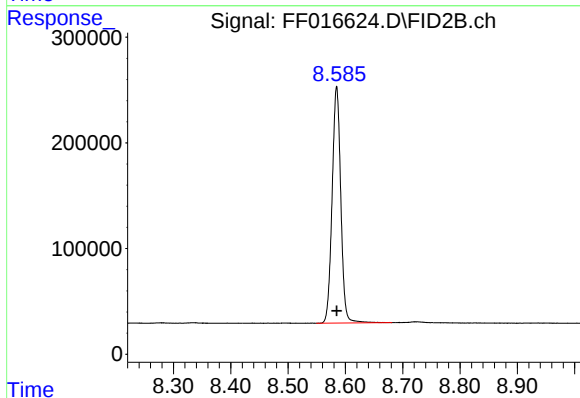
R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 2388701
Conc: 20.00 ug/ml



#5 A~2-methylnaphthalene (C12.89)

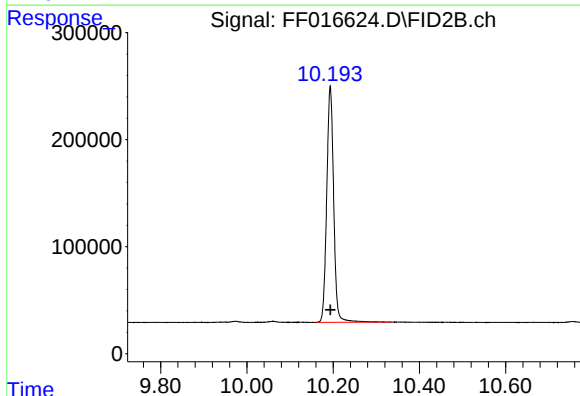
R.T.: 7.384 min
Delta R.T.: 0.000 min
Response: 2398492
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



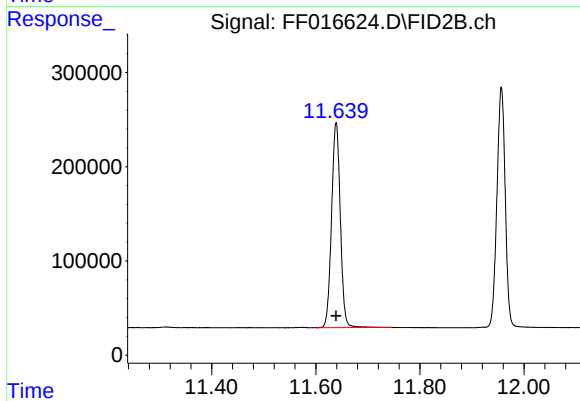
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: 0.000 min
Response: 2350759
Conc: 20.00 ug/ml



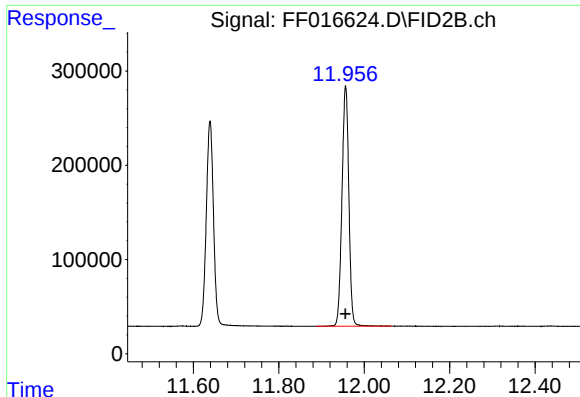
#7 n-Hexadecane (C16)

R.T.: 10.193 min
Delta R.T.: 0.000 min
Response: 2466986
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

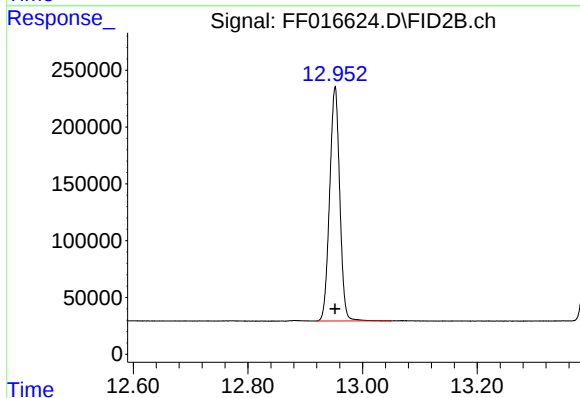
R.T.: 11.639 min
Delta R.T.: 0.000 min
Response: 2544524
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

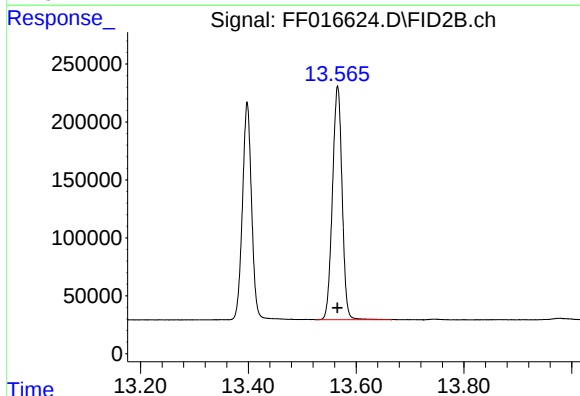
R.T.: 11.957 min
Delta R.T.: 0.000 min
Response: 2850999
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



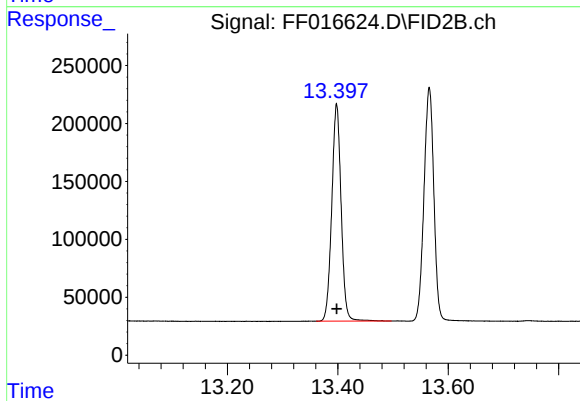
#10 n-Eicosane (C20)

R.T.: 12.952 min
Delta R.T.: 0.000 min
Response: 2518920
Conc: 20.00 ug/ml



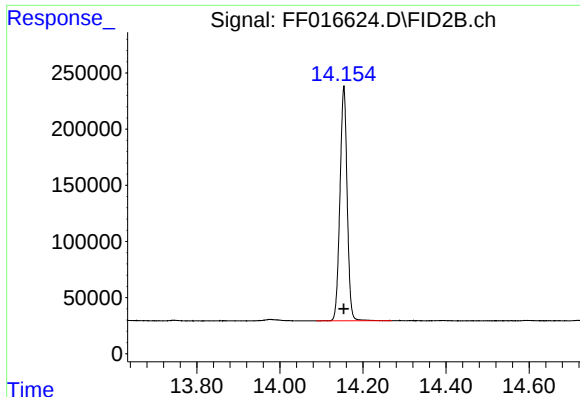
#11 n-Heneicosane (C21)

R.T.: 13.566 min
Delta R.T.: 0.000 min
Response: 2503650
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

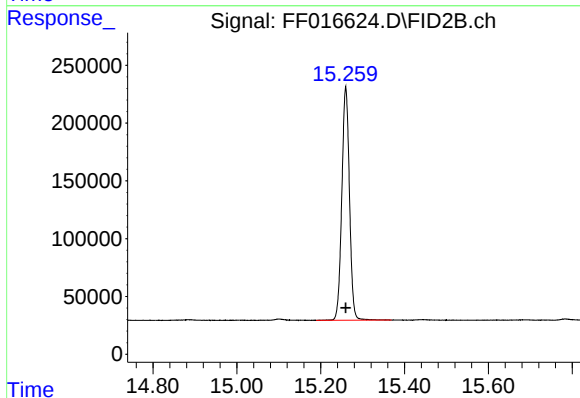
R.T.: 13.398 min
Delta R.T.: 0.000 min
Response: 2205483
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

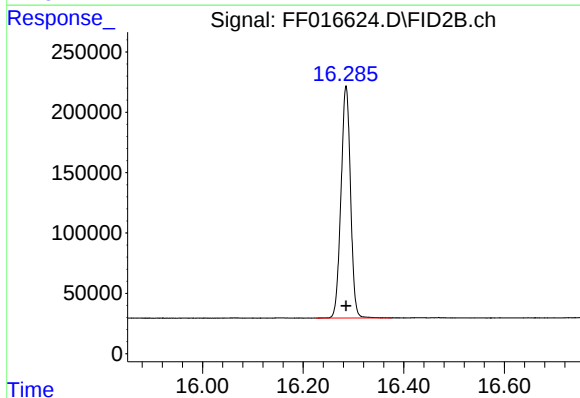
R.T.: 14.154 min
Delta R.T.: 0.000 min
Response: 2515920
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



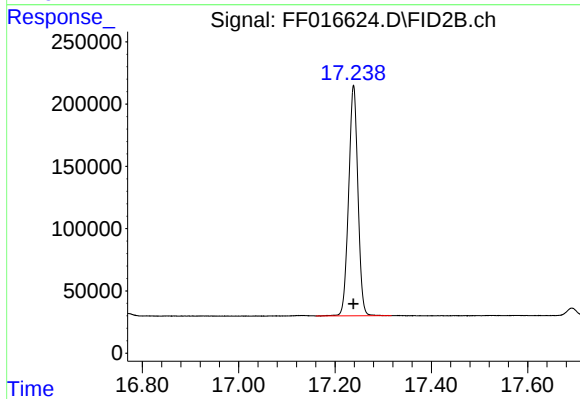
#14 n-Tetracosane (C24)

R.T.: 15.260 min
Delta R.T.: 0.000 min
Response: 2549288
Conc: 20.00 ug/ml



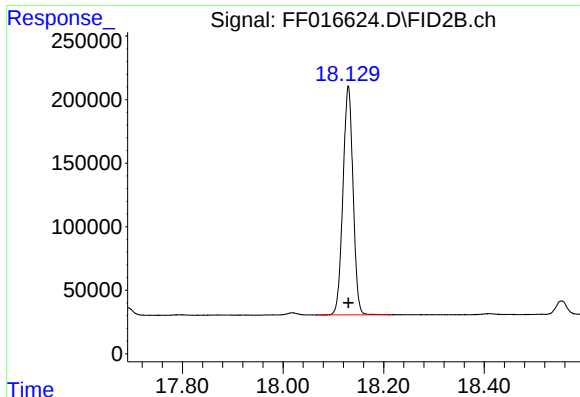
#15 n-Hexacosane (C26)

R.T.: 16.285 min
Delta R.T.: 0.000 min
Response: 2518885
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

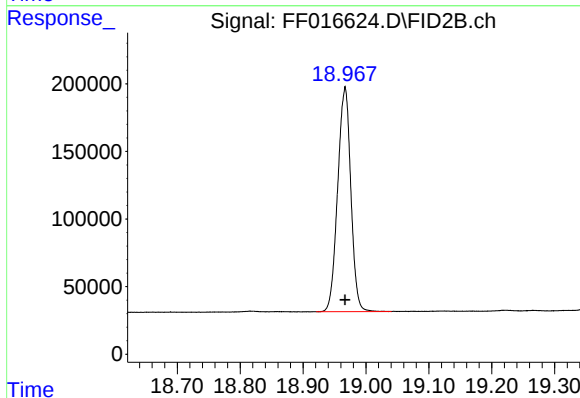
R.T.: 17.238 min
Delta R.T.: 0.000 min
Response: 2476588
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

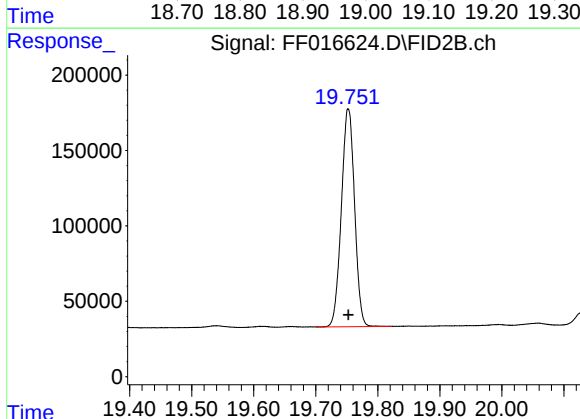
R.T.: 18.130 min
Delta R.T.: 0.000 min
Response: 2511431
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



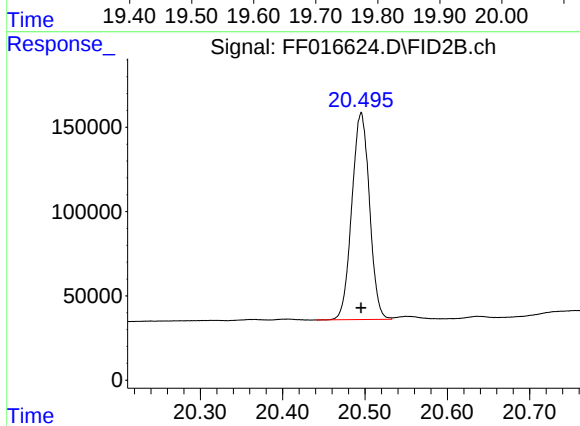
#18 n-Dotriacontane (C32)

R.T.: 18.967 min
Delta R.T.: 0.000 min
Response: 2411043
Conc: 20.00 ug/ml



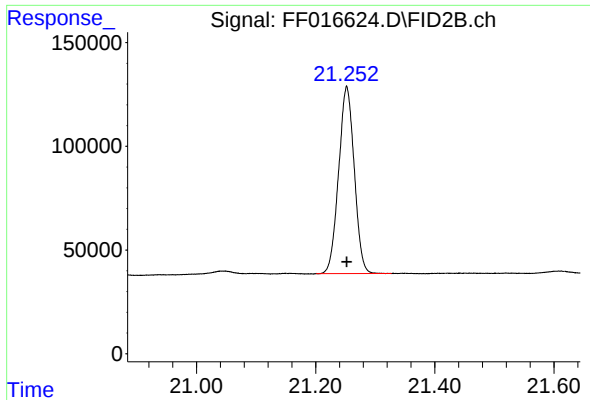
#19 n-Tetratriacontane (C34)

R.T.: 19.753 min
Delta R.T.: 0.000 min
Response: 2137559
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

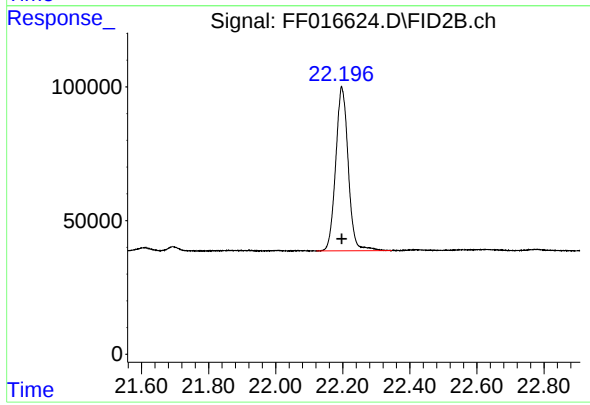
R.T.: 20.495 min
Delta R.T.: 0.000 min
Response: 1827974
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.252 min
Delta R.T.: 0.000 min
Response: 1641372
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.197 min
Delta R.T.: 0.000 min
Response: 1592205
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AL\
 Data File : FF016624.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2025 23:31
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.313	3.249	3.412	BB	229849	2315702	81.22%	4.488%
2	4.574	4.514	4.676	BB	237777	2365267	82.96%	4.584%
3	6.284	6.254	6.451	BB	239384	2508806	88.00%	4.862%
4	6.752	6.716	6.864	BB	231999	2388701	83.78%	4.629%
5	7.384	7.347	7.569	VV	214897	2398492	84.13%	4.648%
6	8.585	8.549	8.681	BB	223661	2350759	82.45%	4.556%
7	10.193	10.161	10.336	BB	220173	2466986	86.53%	4.781%
8	11.639	11.601	11.746	BB	217793	2544524	89.25%	4.931%
9	11.957	11.887	12.064	BB	255432	2850999	100.00%	5.525%
10	12.952	12.919	13.051	BB	207075	2518920	88.35%	4.882%
11	13.398	13.361	13.497	BB	187806	2205483	77.36%	4.274%
12	13.566	13.526	13.666	BB	201747	2503650	87.82%	4.852%
13	14.154	14.087	14.269	BB	209099	2515920	88.25%	4.876%
14	15.260	15.189	15.369	BB	201445	2549288	89.42%	4.940%
15	16.285	16.226	16.376	BB	192184	2518885	88.35%	4.882%
16	17.239	17.161	17.317	BB	185248	2476588	86.87%	4.800%
17	18.130	18.066	18.216	BB	180202	2511431	88.09%	4.867%
18	18.967	18.921	19.041	BB	166871	2411043	84.57%	4.673%
19	19.753	19.701	19.822	BB	144328	2137559	74.98%	4.143%
20	20.495	20.441	20.532	BV	123126	1827974	64.12%	3.543%
21	21.252	21.201	21.327	BB	90501	1641372	57.57%	3.181%
22	22.197	22.121	22.346	BB	61200	1592205	55.85%	3.086%
Sum of corrected areas:							51600553	

Aliphatic EPH 102925.M Thu Oct 30 03:43:40 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AL\
 Data File : FF016625.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2025 00:00
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 30 03:12:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 03:08:34 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.956	1543176	10.826 ug/ml
Spiked Amount 50.000		Recovery =	21.65%
12) S 1-chlorooctadecane (S...	13.398	1193457	10.823 ug/ml
Spiked Amount 50.000		Recovery =	21.65%
Target Compounds			
1) T n-Nonane (C9)	3.314	1242962	10.735 ug/ml
2) T n-Decane (C10)	4.573	1265661	10.702 ug/ml
3) T A~Naphthalene (C11.7)	6.284	1312239	10.461 ug/ml
4) T n-Dodecane (C12)	6.751	1278754	10.707 ug/ml
5) T A~2-methylnaphthalene...	7.384	1232087	10.274 ug/ml
6) T n-Tetradecane (C14)	8.584	1248488	10.622 ug/ml
7) T n-Hexadecane (C16)	10.193	1317038	10.677 ug/ml
8) T n-Octadecane (C18)	11.639	1365909	10.736 ug/ml
10) T n-Eicosane (C20)	12.952	1369492	10.874 ug/ml
11) T n-Heneicosane (C21)	13.565	1358504	10.852 ug/ml
13) T n-Docosane (C22)	14.154	1377268	10.948 ug/ml
14) T n-Tetracosane (C24)	15.259	1434818	11.257 ug/ml
15) T n-Hexacosane (C26)	16.284	1427051	11.331 ug/ml
16) T n-Octacosane (C28)	17.238	1428941	11.540 ug/ml
17) T n-Tricontane (C30)	18.129	1464306	11.661 ug/ml
18) T n-Dotriacontane (C32)	18.965	1429177	11.855 ug/ml
19) T n-Tetratriacontane (C34)	19.752	1251217	11.707 ug/ml
20) T n-Hexatriacontane (C36)	20.495	1035787	11.333 ug/ml
21) T n-Octatriacontane (C38)	21.252	939605	11.449 ug/ml
22) T n-Tetracontane (C40)	22.200	921986	11.581 ug/ml

(f)=RT Delta > 1/2 Window

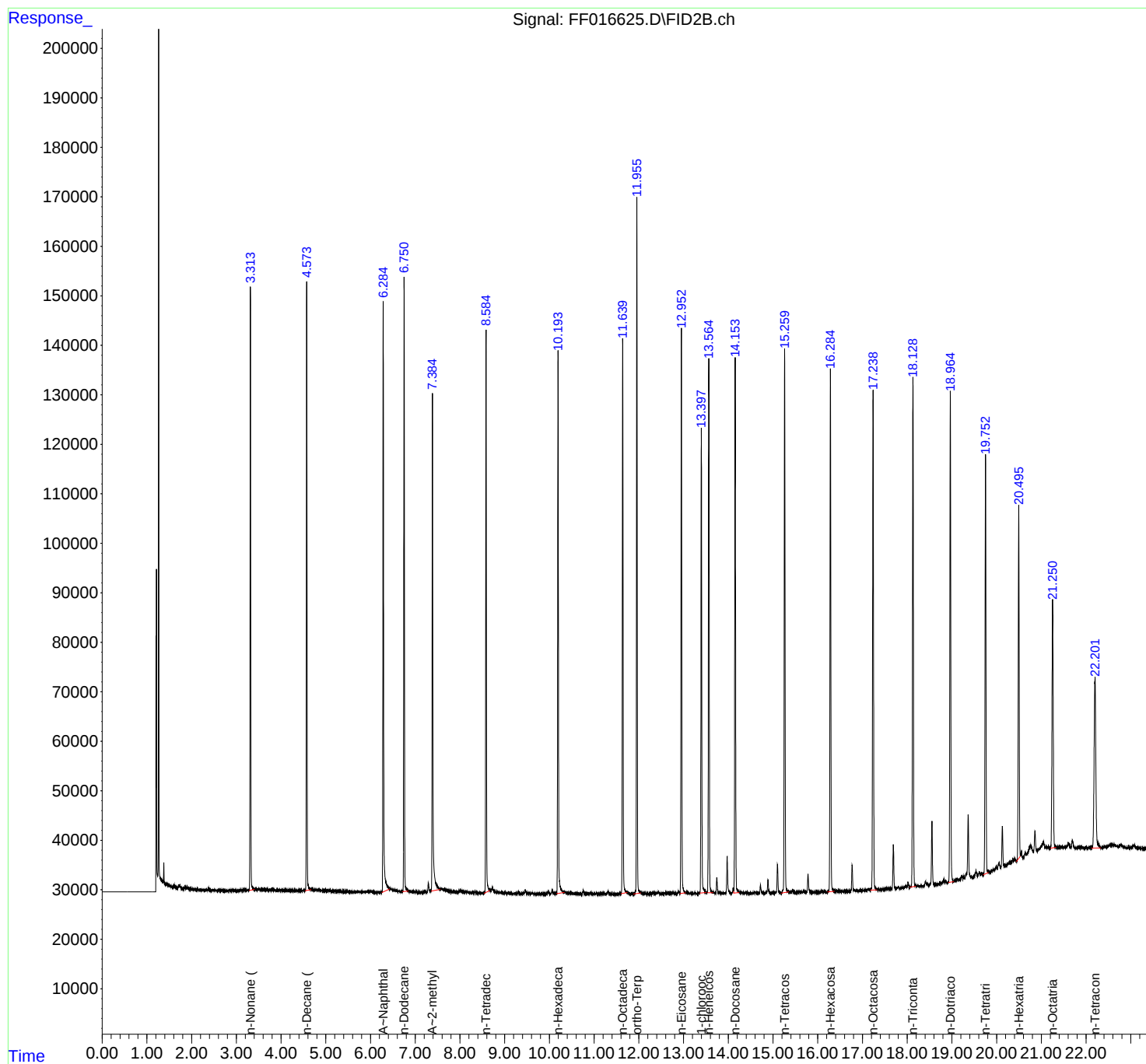
(m)=manual int.

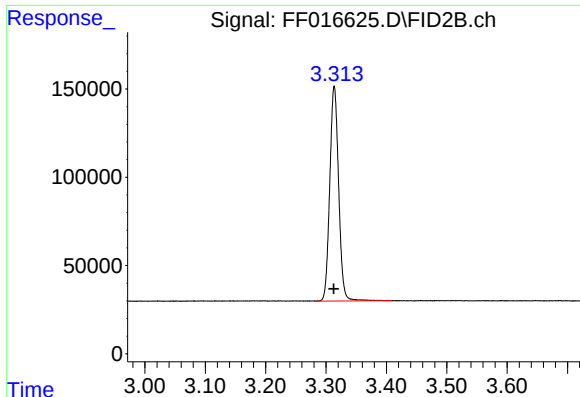
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AL\
Data File : FF016625.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2025 00:00
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Oct 30 03:12:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 03:08:34 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

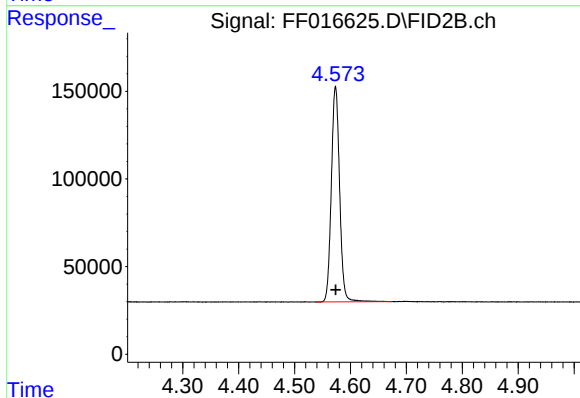




#1 n-Nonane (C9)

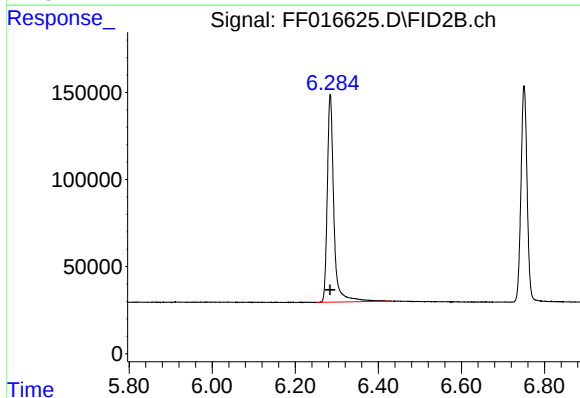
R.T.: 3.314 min
Delta R.T.: 0.000 min
Response: 1242962
Conc: 10.74 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



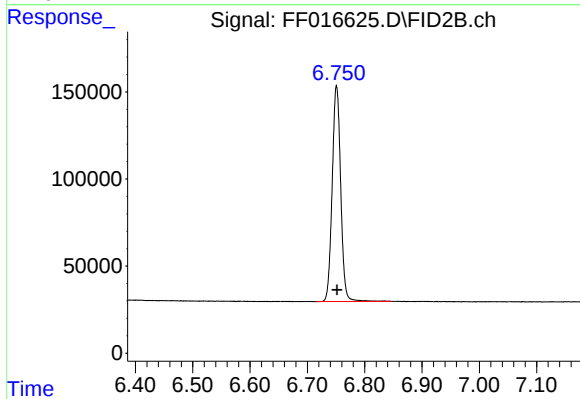
#2 n-Decane (C10)

R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 1265661
Conc: 10.70 ug/ml



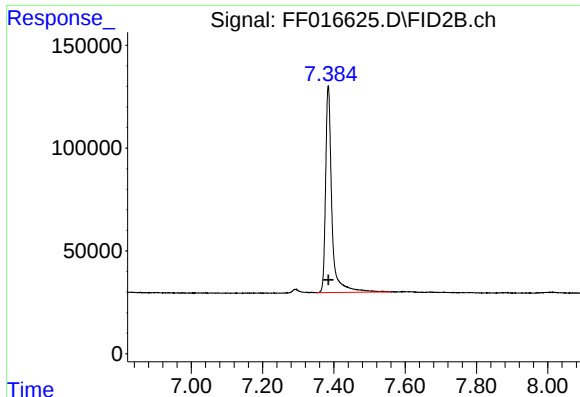
#3 A~Naphthalene (C11.7)

R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 1312239
Conc: 10.46 ug/ml



#4 n-Dodecane (C12)

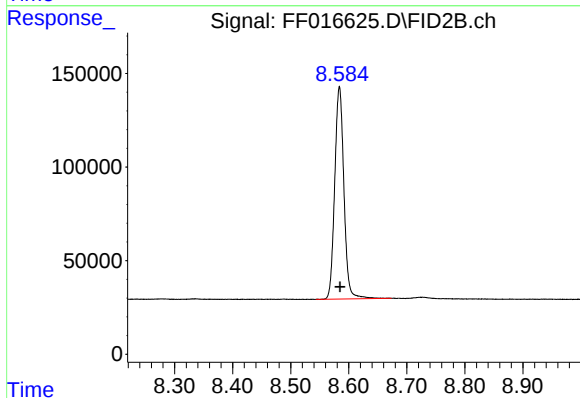
R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 1278754
Conc: 10.71 ug/ml



#5 A~2-methylnaphthalene (C12.89)

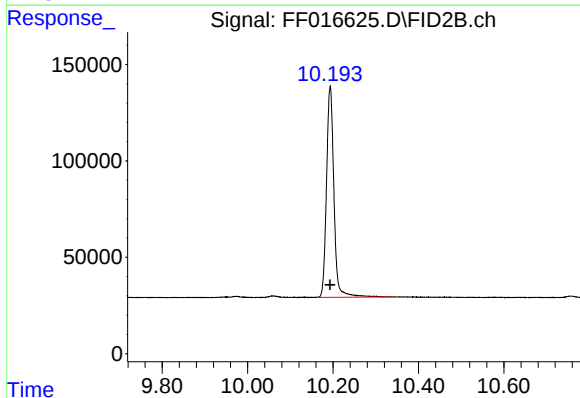
R.T.: 7.384 min
Delta R.T.: 0.000 min
Response: 1232087
Conc: 10.27 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



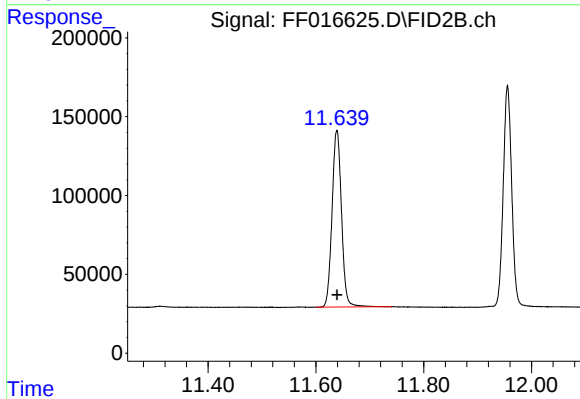
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 1248488
Conc: 10.62 ug/ml



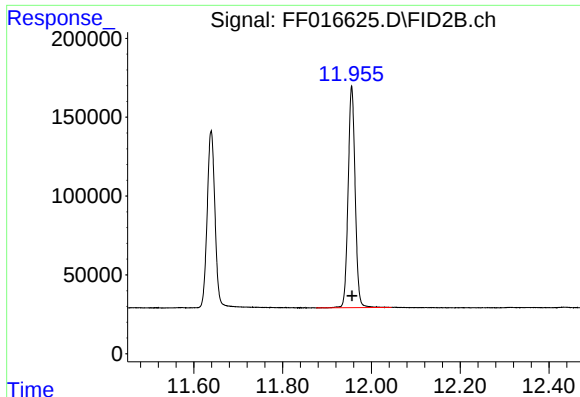
#7 n-Hexadecane (C16)

R.T.: 10.193 min
Delta R.T.: 0.000 min
Response: 1317038
Conc: 10.68 ug/ml



#8 n-Octadecane (C18)

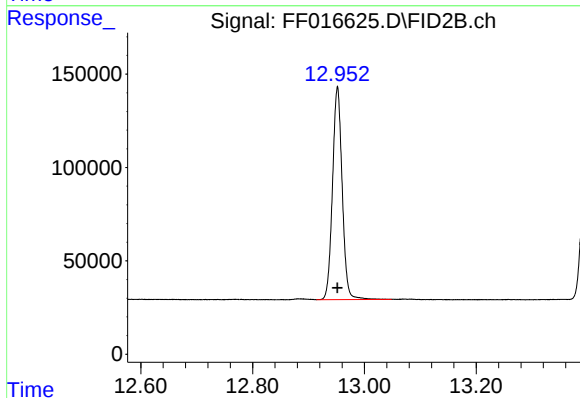
R.T.: 11.639 min
Delta R.T.: 0.000 min
Response: 1365909
Conc: 10.74 ug/ml



#9 ortho-Terphenyl (SURR)

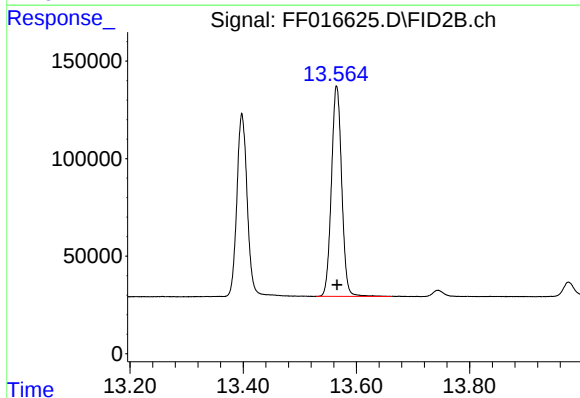
R.T.: 11.956 min
Delta R.T.: 0.000 min
Response: 1543176
Conc: 10.83 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



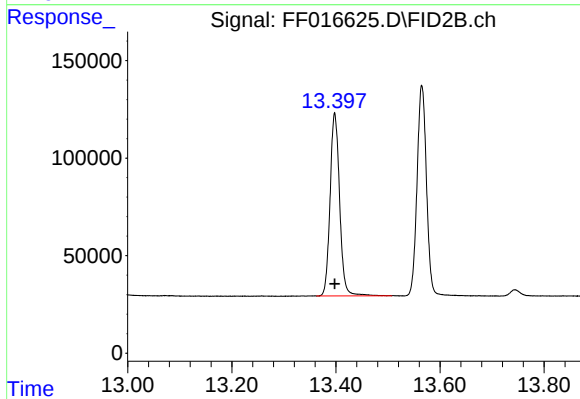
#10 n-Eicosane (C20)

R.T.: 12.952 min
Delta R.T.: 0.000 min
Response: 1369492
Conc: 10.87 ug/ml



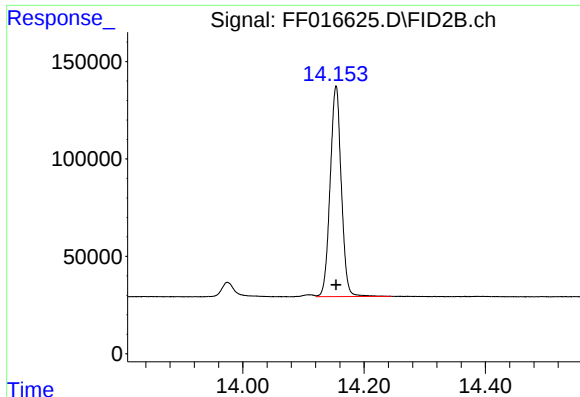
#11 n-Heneicosane (C21)

R.T.: 13.565 min
Delta R.T.: 0.000 min
Response: 1358504
Conc: 10.85 ug/ml



#12 1-chlorooctadecane (SURR)

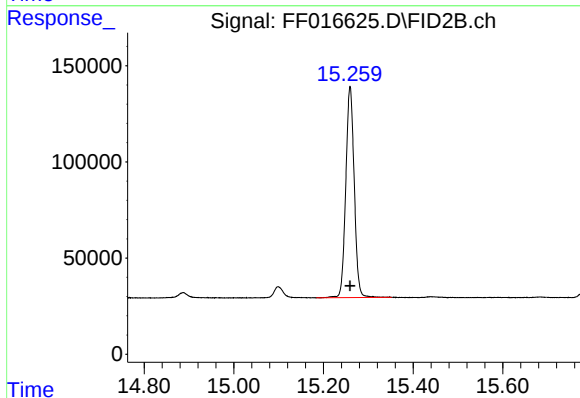
R.T.: 13.398 min
Delta R.T.: 0.000 min
Response: 1193457
Conc: 10.82 ug/ml



#13 n-Docosane (C22)

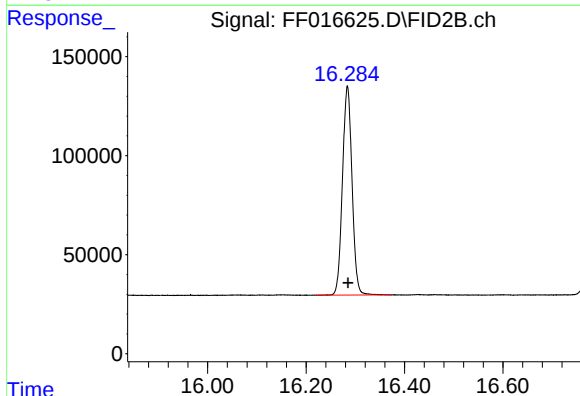
R.T.: 14.154 min
Delta R.T.: 0.000 min
Response: 1377268
Conc: 10.95 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



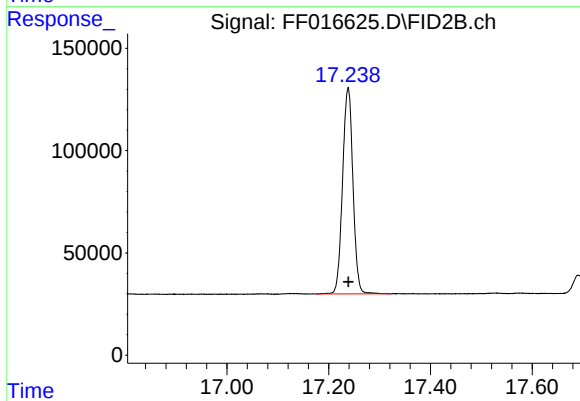
#14 n-Tetracosane (C24)

R.T.: 15.259 min
Delta R.T.: 0.000 min
Response: 1434818
Conc: 11.26 ug/ml



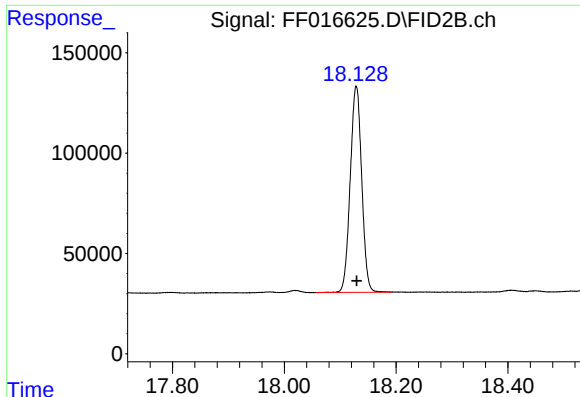
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: -0.001 min
Response: 1427051
Conc: 11.33 ug/ml



#16 n-Octacosane (C28)

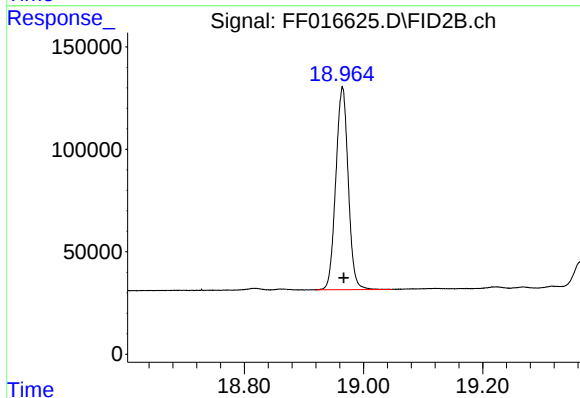
R.T.: 17.238 min
Delta R.T.: 0.000 min
Response: 1428941
Conc: 11.54 ug/ml



#17 n-Tricontane (C30)

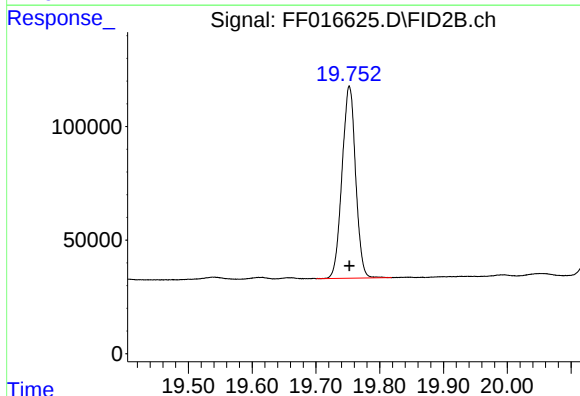
R.T.: 18.129 min
Delta R.T.: 0.000 min
Response: 1464306
Conc: 11.66 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



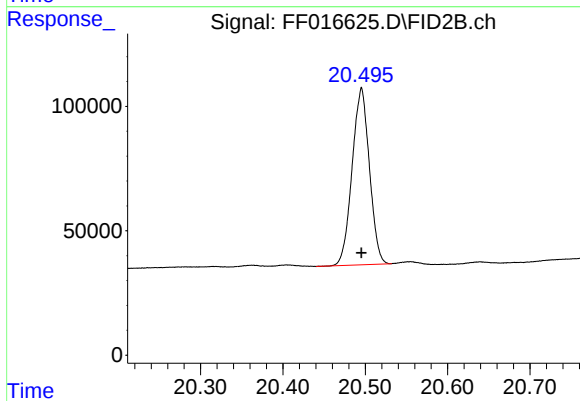
#18 n-Dotriacontane (C32)

R.T.: 18.965 min
Delta R.T.: -0.002 min
Response: 1429177
Conc: 11.86 ug/ml



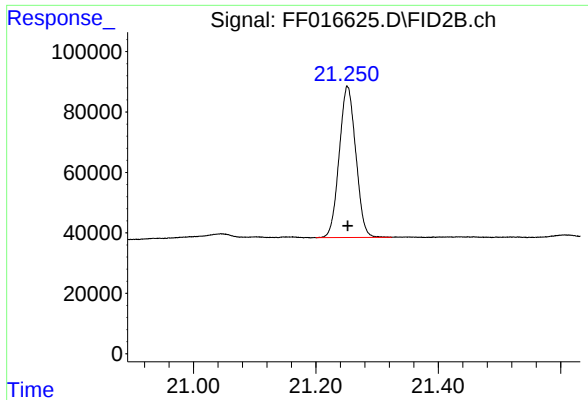
#19 n-Tetratriacontane (C34)

R.T.: 19.752 min
Delta R.T.: 0.000 min
Response: 1251217
Conc: 11.71 ug/ml



#20 n-Hexatriacontane (C36)

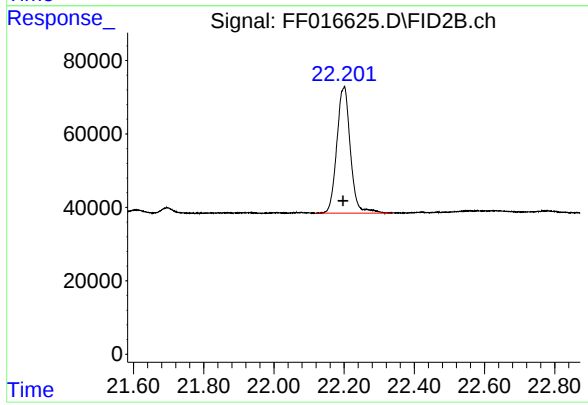
R.T.: 20.495 min
Delta R.T.: 0.000 min
Response: 1035787
Conc: 11.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.252 min
Delta R.T.: 0.000 min
Response: 939605
Conc: 11.45 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.200 min
Delta R.T.: 0.003 min
Response: 921986
Conc: 11.58 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AL\
 Data File : FF016625.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2025 00:00
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.314	3.284	3.409	BB	121842	1242962	80.55%	4.371%
2	4.573	4.539	4.674	BB	122844	1265661	82.02%	4.451%
3	6.284	6.250	6.432	BB	119390	1312239	85.03%	4.614%
4	6.751	6.715	6.847	BB	124052	1278754	82.87%	4.497%
5	7.384	7.350	7.562	BB	100639	1232087	79.84%	4.333%
6	8.584	8.544	8.674	BB	113589	1248488	80.90%	4.390%
7	10.193	10.160	10.337	BB	109731	1317038	85.35%	4.631%
8	11.639	11.600	11.740	BB	111833	1365909	88.51%	4.803%
9	11.956	11.875	12.045	BB	140264	1543176	100.00%	5.426%
10	12.952	12.914	13.049	PB	114285	1369492	88.74%	4.816%
11	13.398	13.362	13.507	BB	93731	1193457	77.34%	4.197%
12	13.565	13.529	13.662	BB	107682	1358504	88.03%	4.777%
13	14.154	14.121	14.245	VB	108305	1377268	89.25%	4.843%
14	15.259	15.184	15.352	BB	109747	1434818	92.98%	5.045%
15	16.284	16.220	16.374	BB	105791	1427051	92.47%	5.018%
16	17.238	17.175	17.324	BB	101219	1428941	92.60%	5.025%
17	18.129	18.057	18.192	BB	102830	1464306	94.89%	5.149%
18	18.965	18.920	19.047	BB	98849	1429177	92.61%	5.026%
19	19.752	19.700	19.819	BB	84615	1251217	81.08%	4.400%
20	20.495	20.440	20.532	BV	71424	1035787	67.12%	3.642%
21	21.252	21.200	21.324	BB	49874	939605	60.89%	3.304%
22	22.200	22.120	22.335	BB	34407	921986	59.75%	3.242%
Sum of corrected areas:						28437923		

Aliphatic EPH 102925.M Thu Oct 30 03:44:22 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AL\
 Data File : FF016626.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2025 00:30
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 30 03:12:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 03:08:34 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.956	804620	5.644 ug/ml
Spiked Amount 50.000		Recovery =	11.29%
12) S 1-chlorooctadecane (S...	13.398	619831	5.621 ug/ml
Spiked Amount 50.000		Recovery =	11.24%
Target Compounds			
1) T n-Nonane (C9)	3.314	641805	5.543 ug/ml
2) T n-Decane (C10)	4.574	652688	5.519 ug/ml
3) T A~Naphthalene (C11.7)	6.286	649848	5.181 ug/ml
4) T n-Dodecane (C12)	6.751	649413	5.437 ug/ml
5) T A~2-methylnaphthalene...	7.386	581166	4.846 ug/ml
6) T n-Tetradecane (C14)	8.584	635299	5.405 ug/ml
7) T n-Hexadecane (C16)	10.193	662729	5.373 ug/ml
8) T n-Octadecane (C18)	11.639	709078	5.573 ug/ml
10) T n-Eicosane (C20)	12.952	723384	5.744 ug/ml
11) T n-Heneicosane (C21)	13.565	713119	5.697 ug/ml
13) T n-Docosane (C22)	14.153	753139	5.987 ug/ml
14) T n-Tetracosane (C24)	15.260	848567	6.657 ug/ml
15) T n-Hexacosane (C26)	16.284	859935	6.828 ug/ml
16) T n-Octacosane (C28)	17.237	892393	7.207 ug/ml
17) T n-Tricontane (C30)	18.128	941142	7.495 ug/ml
18) T n-Dotriacontane (C32)	18.965	940983	7.806 ug/ml
19) T n-Tetratriacontane (C34)	19.751	791494	7.406 ug/ml
20) T n-Hexatriacontane (C36)	20.496	613000	6.707 ug/ml
21) T n-Octatriacontane (C38)	21.253	526415	6.414 ug/ml
22) T n-Tetracontane (C40)	22.197	491978	6.180 ug/ml

(f)=RT Delta > 1/2 Window

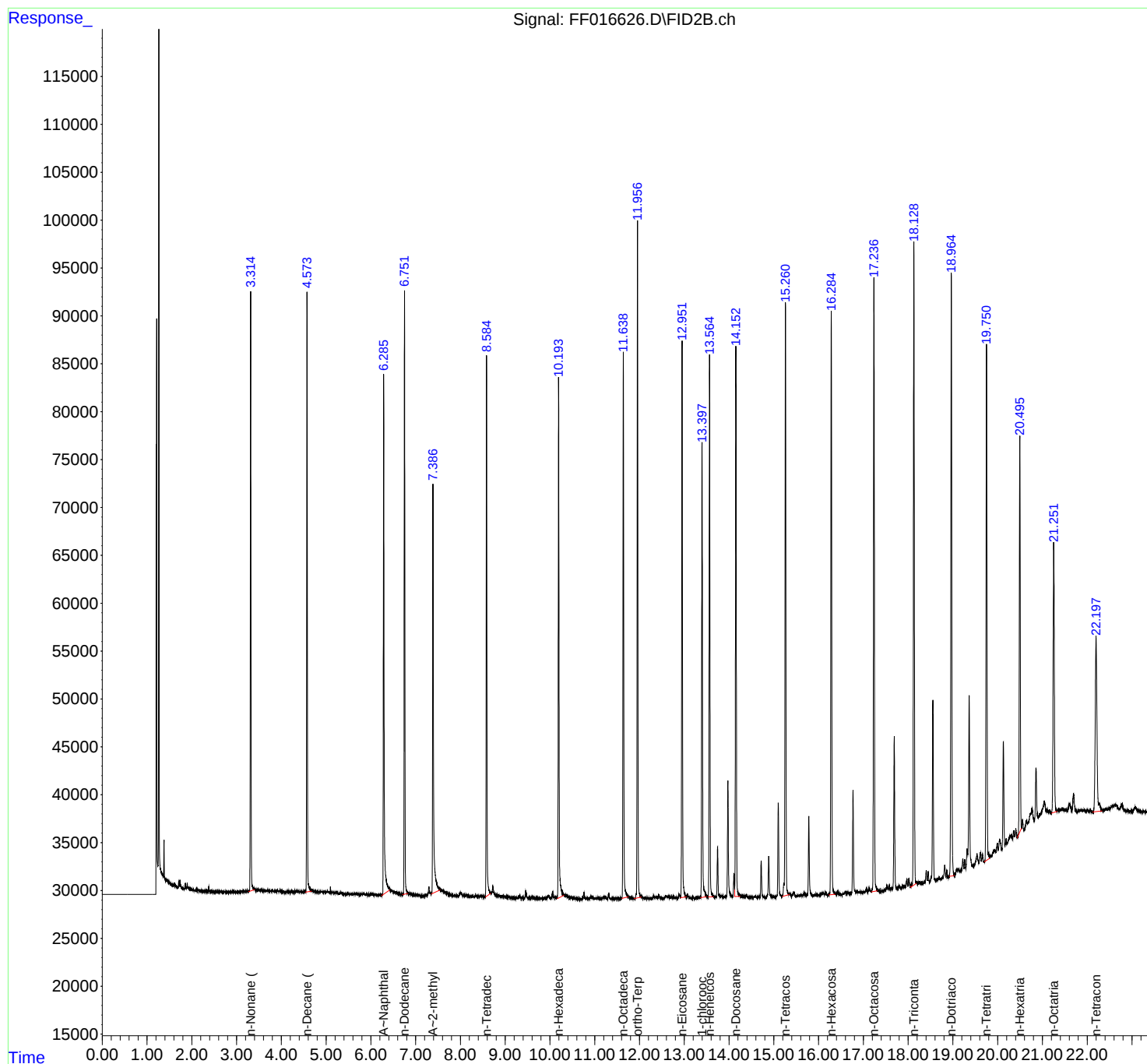
(m)=manual int.

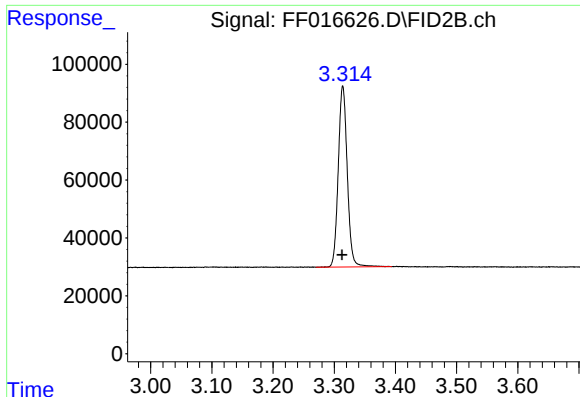
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AL\
Data File : FF016626.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2025 00:30
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Oct 30 03:12:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 03:08:34 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

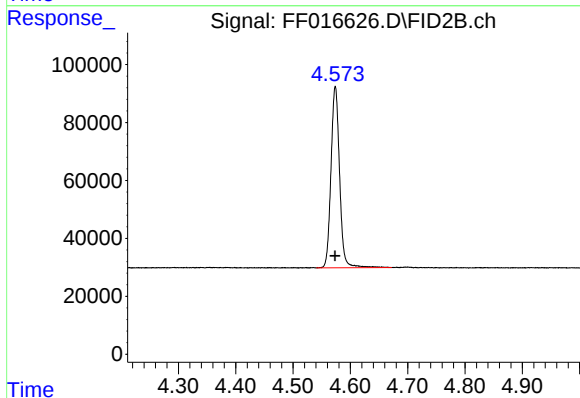




#1 n-Nonane (C9)

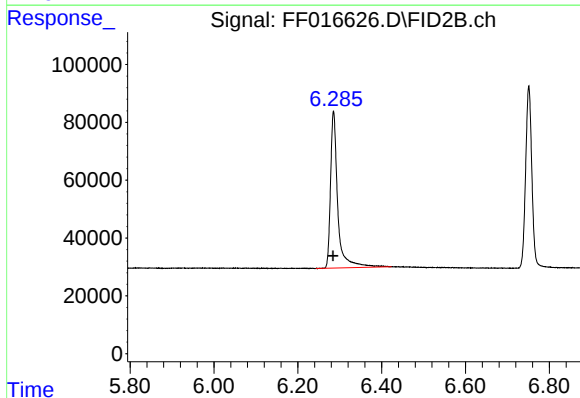
R.T.: 3.314 min
Delta R.T.: 0.001 min
Response: 641805
Conc: 5.54 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



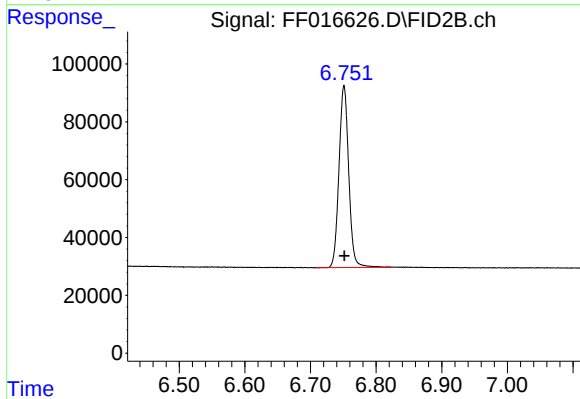
#2 n-Decane (C10)

R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 652688
Conc: 5.52 ug/ml



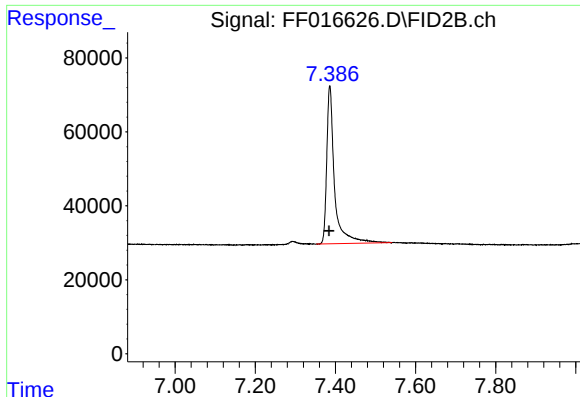
#3 A~Naphthalene (C11.7)

R.T.: 6.286 min
Delta R.T.: 0.001 min
Response: 649848
Conc: 5.18 ug/ml



#4 n-Dodecane (C12)

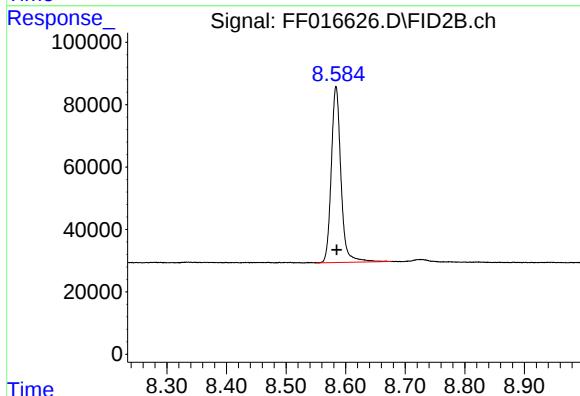
R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 649413
Conc: 5.44 ug/ml



#5 A~2-methylnaphthalene (C12.89)

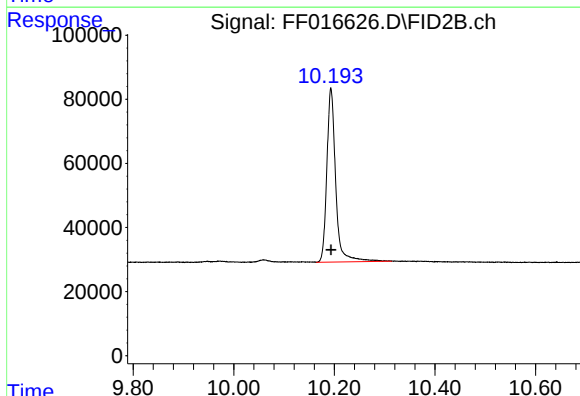
R.T.: 7.386 min
Delta R.T.: 0.002 min
Response: 581166
Conc: 4.85 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



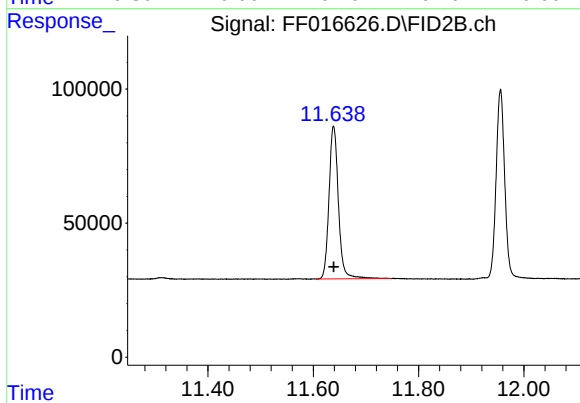
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 635299
Conc: 5.41 ug/ml



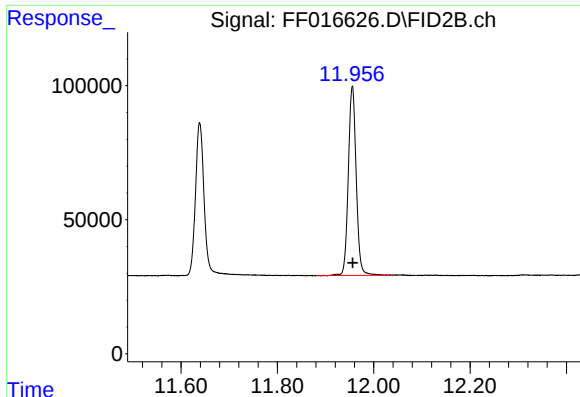
#7 n-Hexadecane (C16)

R.T.: 10.193 min
Delta R.T.: 0.000 min
Response: 662729
Conc: 5.37 ug/ml



#8 n-Octadecane (C18)

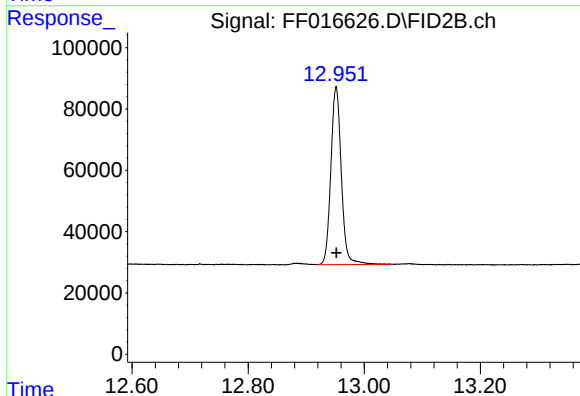
R.T.: 11.639 min
Delta R.T.: 0.000 min
Response: 709078
Conc: 5.57 ug/ml



#9 ortho-Terphenyl (SURR)

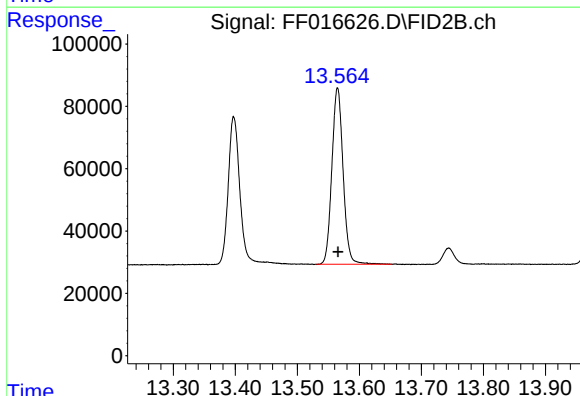
R.T.: 11.956 min
Delta R.T.: 0.000 min
Response: 804620
Conc: 5.64 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



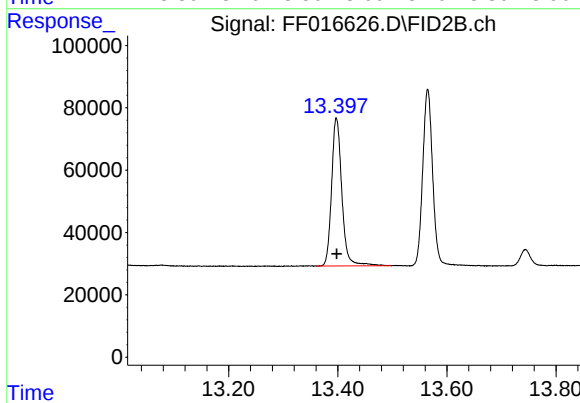
#10 n-Eicosane (C20)

R.T.: 12.952 min
Delta R.T.: 0.000 min
Response: 723384
Conc: 5.74 ug/ml



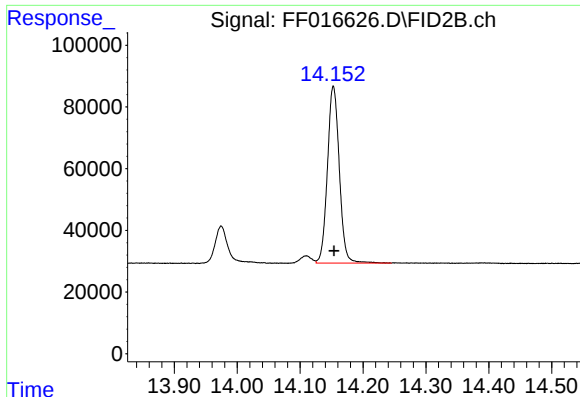
#11 n-Heneicosane (C21)

R.T.: 13.565 min
Delta R.T.: 0.000 min
Response: 713119
Conc: 5.70 ug/ml



#12 1-chlorooctadecane (SURR)

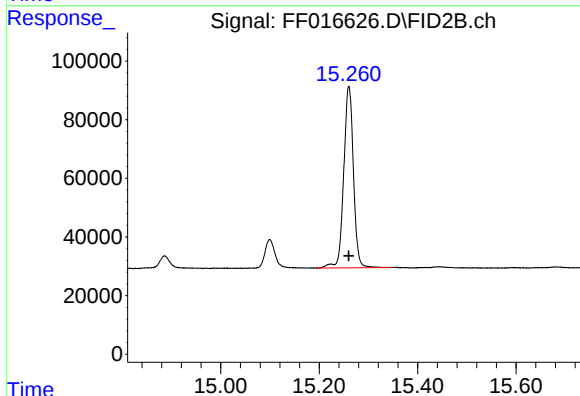
R.T.: 13.398 min
Delta R.T.: 0.000 min
Response: 619831
Conc: 5.62 ug/ml



#13 n-Docosane (C22)

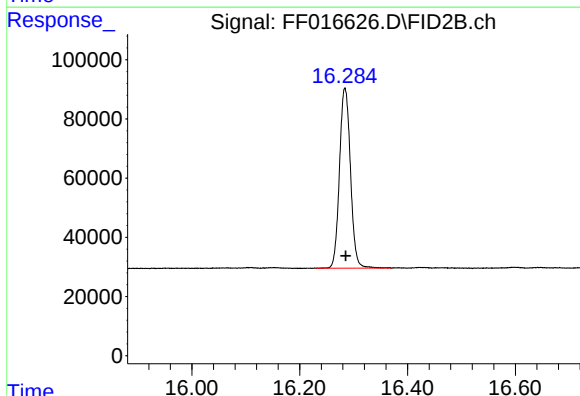
R.T.: 14.153 min
Delta R.T.: 0.000 min
Response: 753139
Conc: 5.99 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



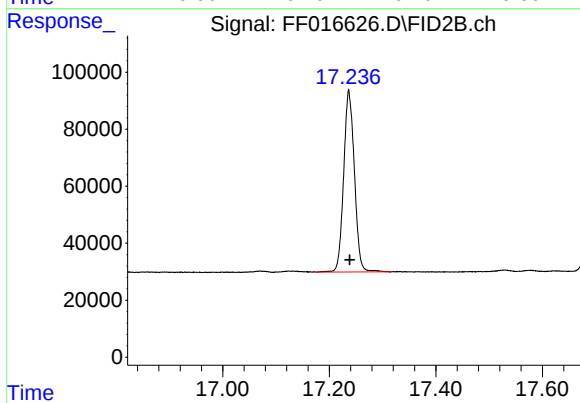
#14 n-Tetracosane (C24)

R.T.: 15.260 min
Delta R.T.: 0.000 min
Response: 848567
Conc: 6.66 ug/ml



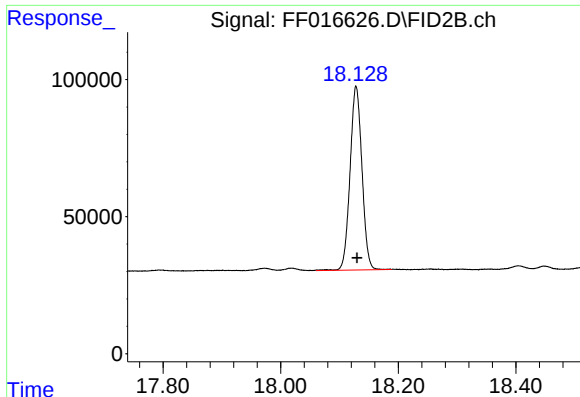
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: -0.001 min
Response: 859935
Conc: 6.83 ug/ml



#16 n-Octacosane (C28)

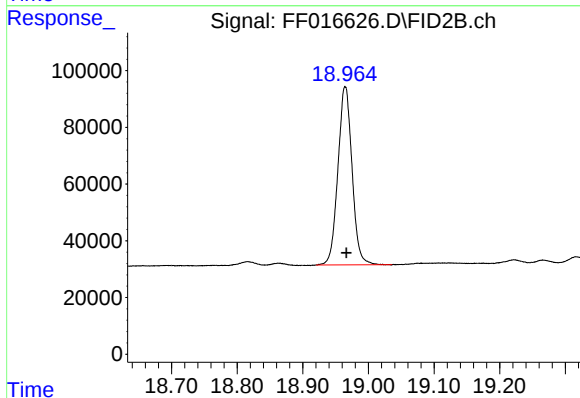
R.T.: 17.237 min
Delta R.T.: -0.002 min
Response: 892393
Conc: 7.21 ug/ml



#17 n-Tricontane (C30)

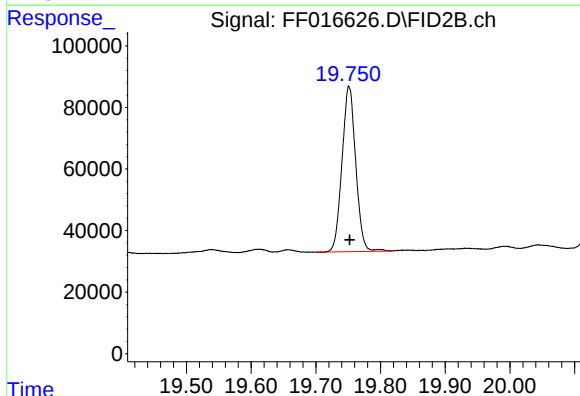
R.T.: 18.128 min
Delta R.T.: -0.001 min
Response: 941142
Conc: 7.49 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



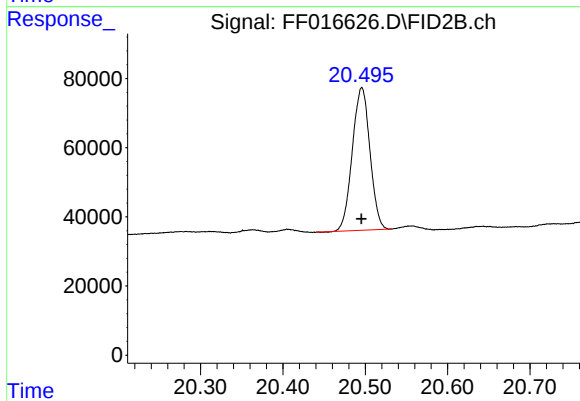
#18 n-Dotriacontane (C32)

R.T.: 18.965 min
Delta R.T.: -0.002 min
Response: 940983
Conc: 7.81 ug/ml



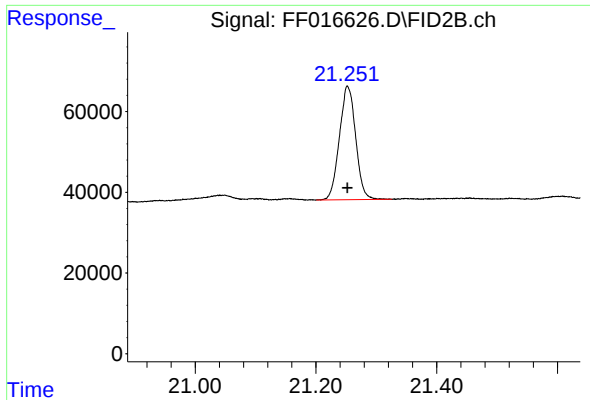
#19 n-Tetratriacontane (C34)

R.T.: 19.751 min
Delta R.T.: -0.001 min
Response: 791494
Conc: 7.41 ug/ml



#20 n-Hexatriacontane (C36)

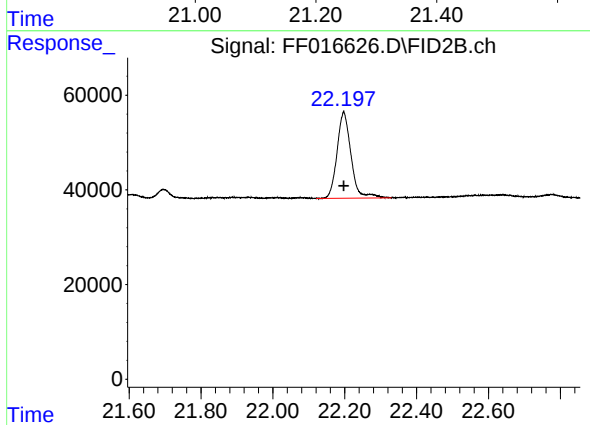
R.T.: 20.496 min
Delta R.T.: 0.000 min
Response: 613000
Conc: 6.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.253 min
Delta R.T.: 0.000 min
Response: 526415
Conc: 6.41 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.197 min
Delta R.T.: 0.000 min
Response: 491978
Conc: 6.18 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AL\
 Data File : FF016626.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2025 00:30
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.314	3.270	3.394	BB	62615	641805	68.19%	4.087%
2	4.574	4.540	4.672	BB	62667	652688	69.35%	4.157%
3	6.286	6.244	6.424	BB	54247	649848	69.05%	4.139%
4	6.751	6.709	6.824	BB	62838	649413	69.00%	4.136%
5	7.386	7.352	7.540	BB	42815	581166	61.75%	3.701%
6	8.584	8.550	8.677	BB	56446	635299	67.50%	4.046%
7	10.193	10.164	10.314	BB	54021	662729	70.42%	4.221%
8	11.639	11.605	11.749	BB	56925	709078	75.34%	4.516%
9	11.956	11.880	12.037	BB	70612	804620	85.49%	5.124%
10	12.952	12.917	13.047	BB	58176	723384	76.86%	4.607%
11	13.398	13.360	13.499	BB	47467	619831	65.86%	3.947%
12	13.565	13.530	13.652	BB	56626	713119	75.77%	4.542%
13	14.153	14.125	14.245	VB	57341	753139	80.02%	4.796%
14	15.260	15.194	15.347	BB	61898	848567	90.16%	5.404%
15	16.284	16.230	16.370	BB	60780	859935	91.37%	5.477%
16	17.237	17.175	17.317	BB	63564	892393	94.82%	5.683%
17	18.128	18.060	18.189	BB	66877	941142	100.00%	5.994%
18	18.965	18.920	19.035	BB	62801	940983	99.98%	5.993%
19	19.751	19.700	19.817	BV	53415	791494	84.10%	5.041%
20	20.496	20.440	20.532	BV	41276	613000	65.13%	3.904%
21	21.253	21.200	21.325	BB	28124	526415	55.93%	3.353%
22	22.197	22.120	22.330	BB	18313	491978	52.27%	3.133%
Sum of corrected areas:							15702025	

Aliphatic EPH 102925.M Thu Oct 30 03:45:12 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AL\
 Data File : FF016627.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2025 01:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 30 03:33:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 03:19:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.956	2854058	19.266 ug/ml
Spiked Amount 50.000		Recovery =	38.53%
12) S 1-chlorooctadecane (S...	13.398	2209645	19.249 ug/ml
Spiked Amount 50.000		Recovery =	38.50%
Target Compounds			
1) T n-Nonane (C9)	3.313	2330648	19.427 ug/ml
2) T n-Decane (C10)	4.574	2379694	19.465 ug/ml
3) T A~Naphthalene (C11.7)	6.284	2519674	19.559 ug/ml
4) T n-Dodecane (C12)	6.751	2395074	19.446 ug/ml
5) T A~2-methylnaphthalene...	7.384	2401544	19.730 ug/ml
6) T n-Tetradecane (C14)	8.584	2363303	19.471 ug/ml
7) T n-Hexadecane (C16)	10.193	2474749	19.468 ug/ml
8) T n-Octadecane (C18)	11.639	2546135	19.270 ug/ml
10) T n-Eicosane (C20)	12.952	2525594	19.182 ug/ml
11) T n-Heneicosane (C21)	13.566	2509822	19.223 ug/ml
13) T n-Docosane (C22)	14.154	2520569	18.956 ug/ml
14) T n-Tetracosane (C24)	15.260	2555538	18.371 ug/ml
15) T n-Hexacosane (C26)	16.285	2528664	18.252 ug/ml
16) T n-Octacosane (C28)	17.239	2496100	18.061 ug/ml
17) T n-Tricontane (C30)	18.131	2529841	17.989 ug/ml
18) T n-Dotriacontane (C32)	18.966	2420801	17.858 ug/ml
19) T n-Tetratriacontane (C34)	19.752	2154224	18.210 ug/ml
20) T n-Hexatriacontane (C36)	20.496	1827212	18.624 ug/ml
21) T n-Octatriacontane (C38)	21.253	1657246	18.828 ug/ml
22) T n-Tetracontane (C40)	22.198	1572361	18.541 ug/ml

(f)=RT Delta > 1/2 Window

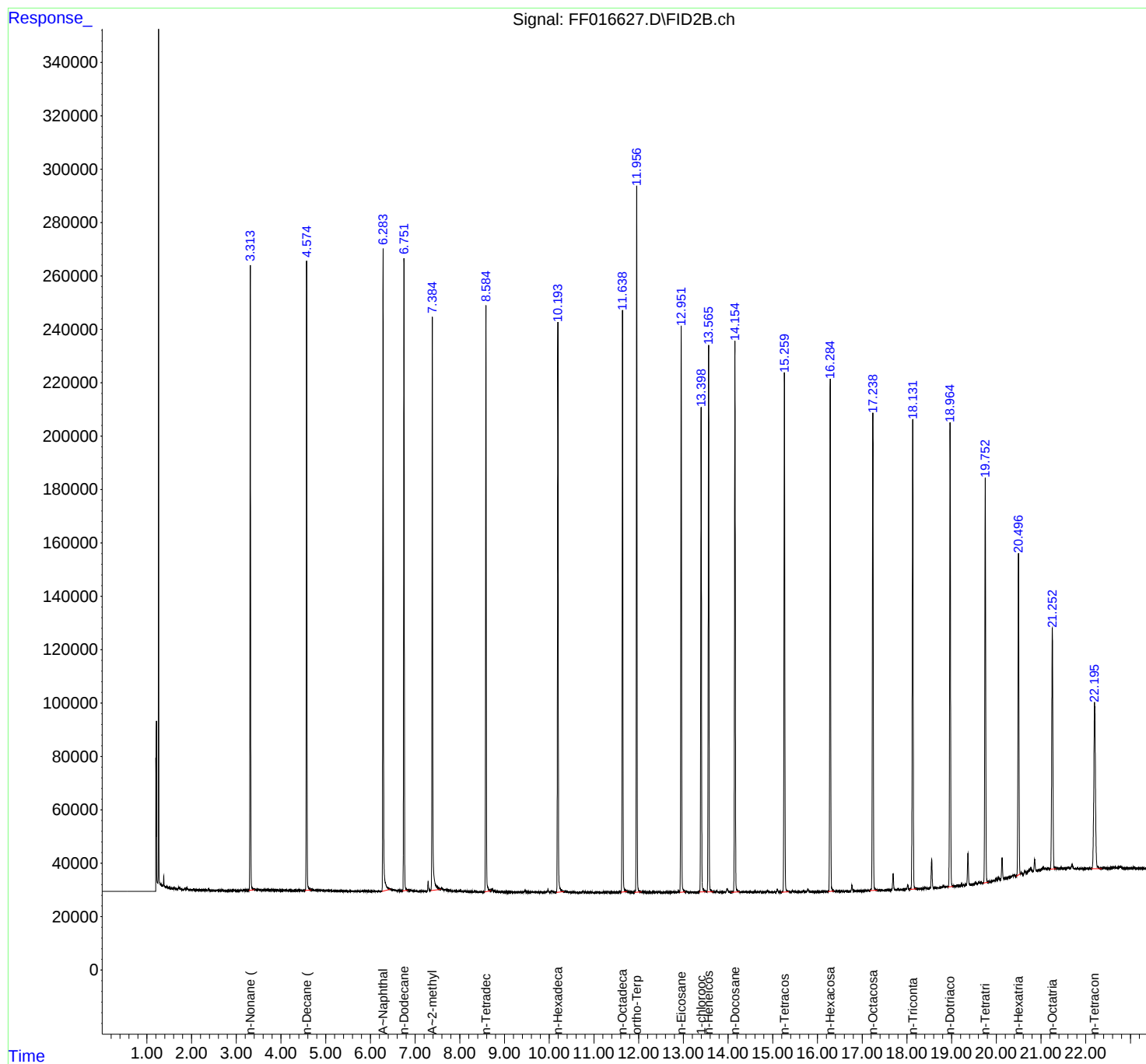
(m)=manual int.

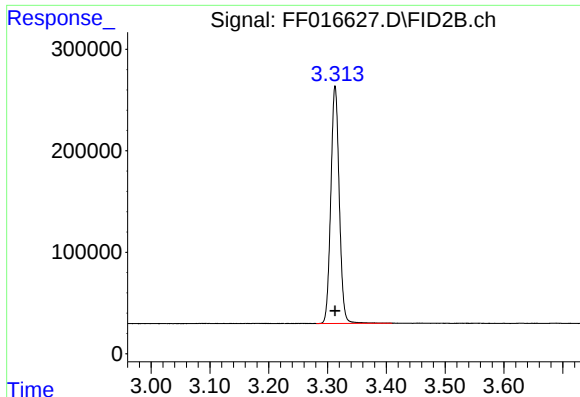
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AL\
Data File : FF016627.D
Signal(s) : FID2B.ch
Acq On : 30 Oct 2025 01:28
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Oct 30 03:33:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 03:19:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

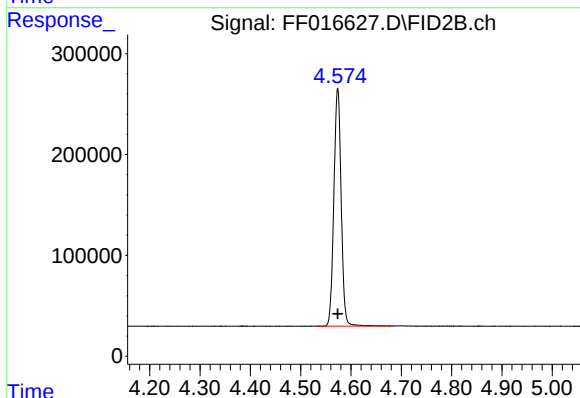
R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 2330648
Conc: 19.43 ug/ml

Instrument :

FID_F

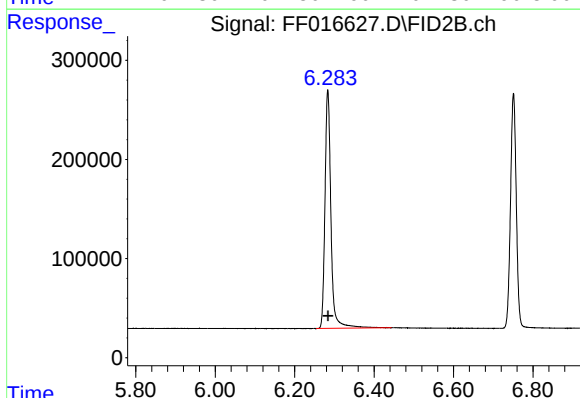
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



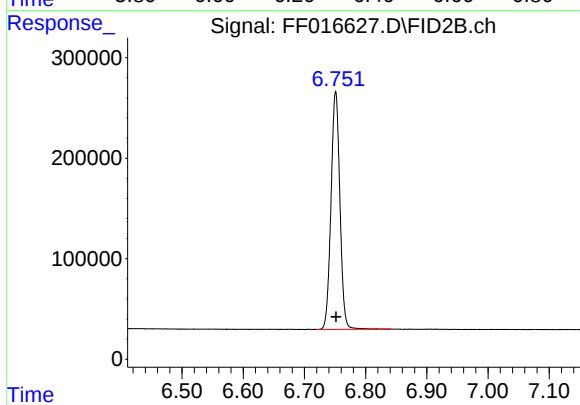
#2 n-Decane (C10)

R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 2379694
Conc: 19.47 ug/ml



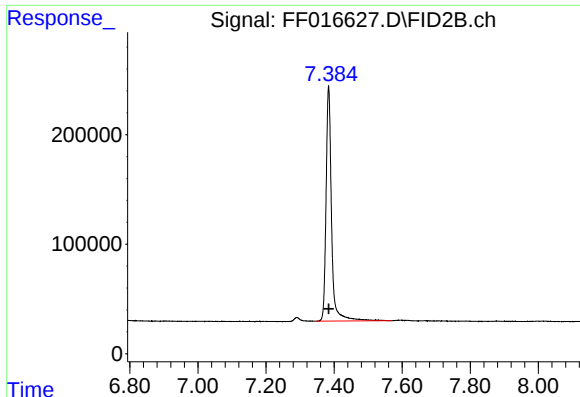
#3 A~Naphthalene (C11.7)

R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 2519674
Conc: 19.56 ug/ml



#4 n-Dodecane (C12)

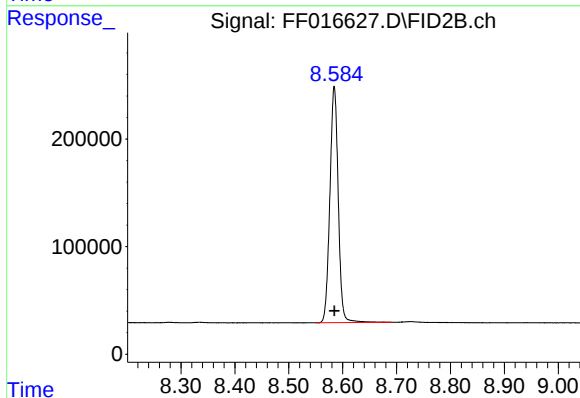
R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 2395074
Conc: 19.45 ug/ml



#5 A~2-methylnaphthalene (C12.89)

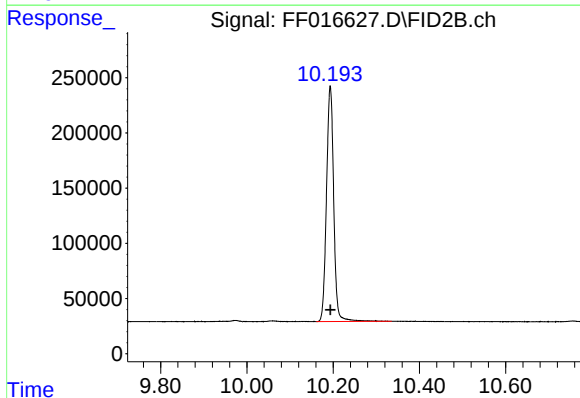
R.T.: 7.384 min
Delta R.T.: 0.000 min
Response: 2401544
Conc: 19.73 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



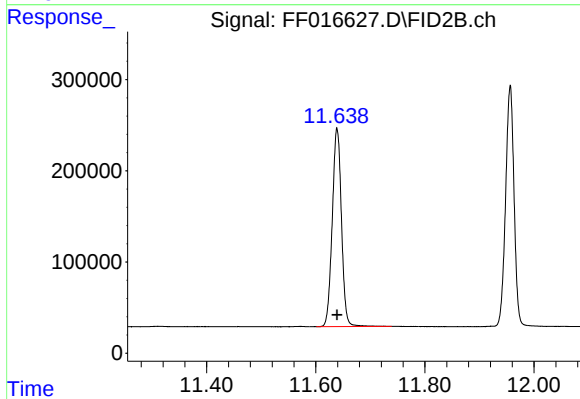
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 2363303
Conc: 19.47 ug/ml



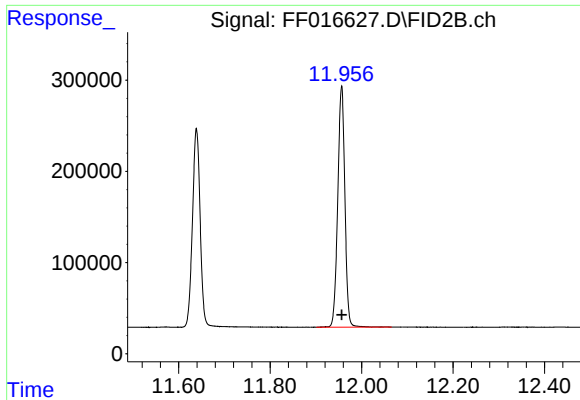
#7 n-Hexadecane (C16)

R.T.: 10.193 min
Delta R.T.: 0.000 min
Response: 2474749
Conc: 19.47 ug/ml



#8 n-Octadecane (C18)

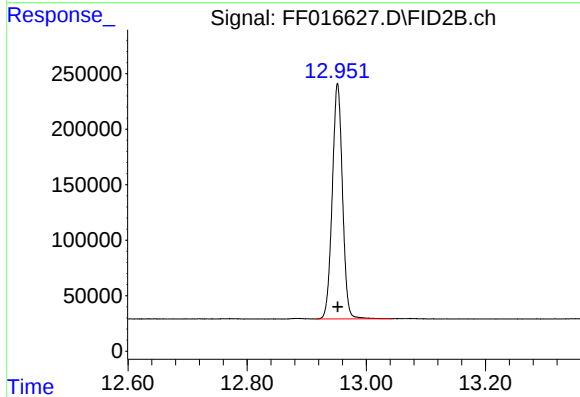
R.T.: 11.639 min
Delta R.T.: 0.000 min
Response: 2546135
Conc: 19.27 ug/ml



#9 ortho-Terphenyl (SURR)

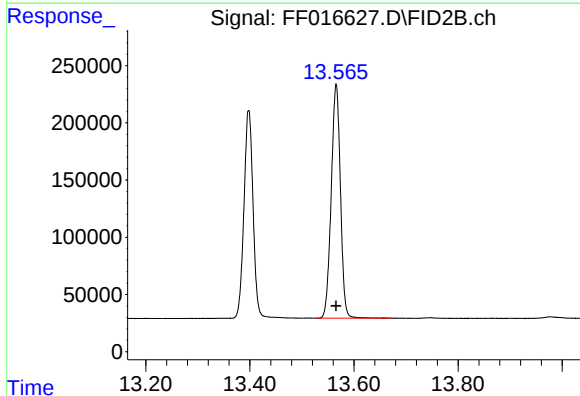
R.T.: 11.956 min
Delta R.T.: 0.000 min
Response: 2854058
Conc: 19.27 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



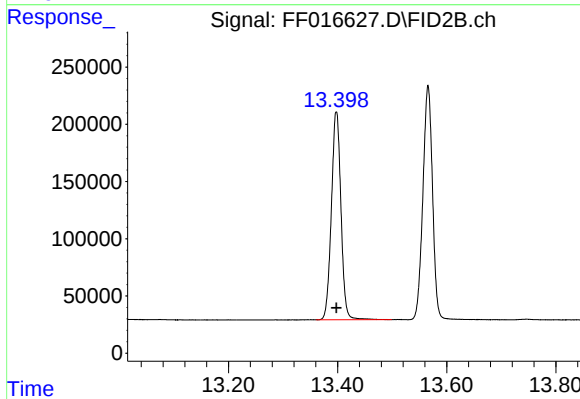
#10 n-Eicosane (C20)

R.T.: 12.952 min
Delta R.T.: 0.000 min
Response: 2525594
Conc: 19.18 ug/ml



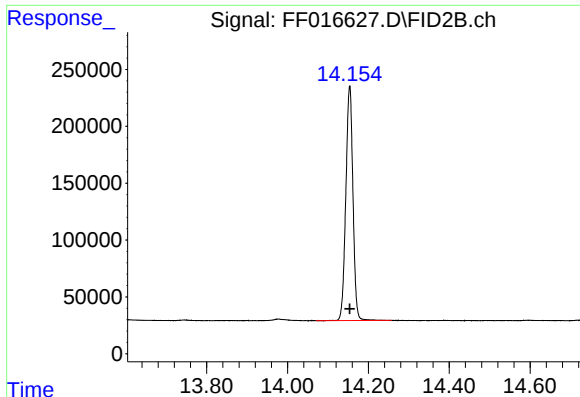
#11 n-Heneicosane (C21)

R.T.: 13.566 min
Delta R.T.: 0.000 min
Response: 2509822
Conc: 19.22 ug/ml



#12 1-chlorooctadecane (SURR)

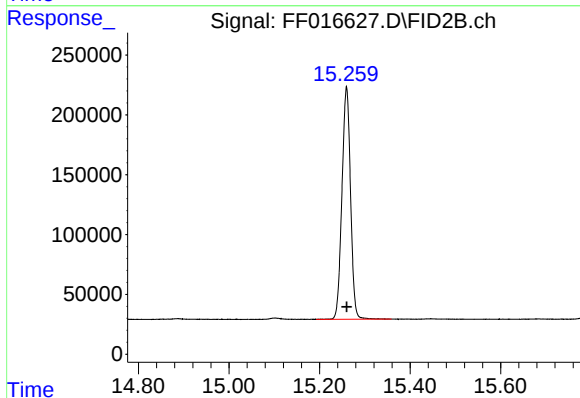
R.T.: 13.398 min
Delta R.T.: 0.000 min
Response: 2209645
Conc: 19.25 ug/ml



#13 n-Docosane (C22)

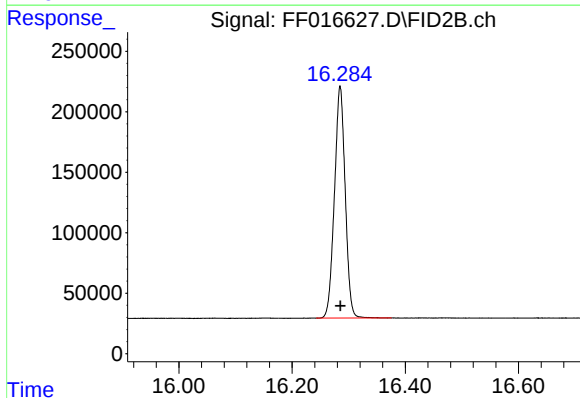
R.T.: 14.154 min
Delta R.T.: 0.000 min
Response: 2520569
Conc: 18.96 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



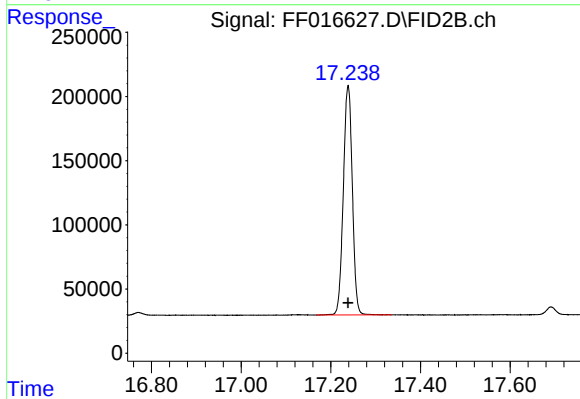
#14 n-Tetracosane (C24)

R.T.: 15.260 min
Delta R.T.: 0.000 min
Response: 2555538
Conc: 18.37 ug/ml



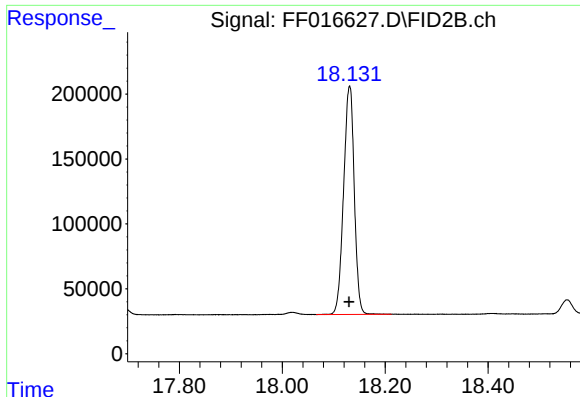
#15 n-Hexacosane (C26)

R.T.: 16.285 min
Delta R.T.: 0.000 min
Response: 2528664
Conc: 18.25 ug/ml



#16 n-Octacosane (C28)

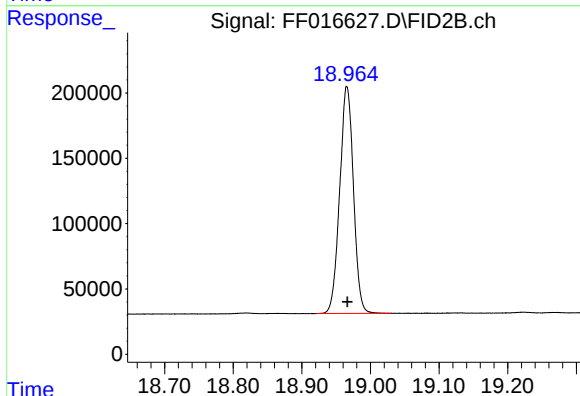
R.T.: 17.239 min
Delta R.T.: 0.000 min
Response: 2496100
Conc: 18.06 ug/ml



#17 n-Tricontane (C30)

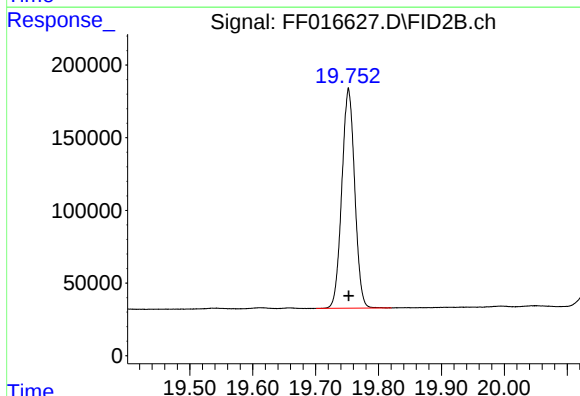
R.T.: 18.131 min
Delta R.T.: 0.000 min
Response: 2529841
Conc: 17.99 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



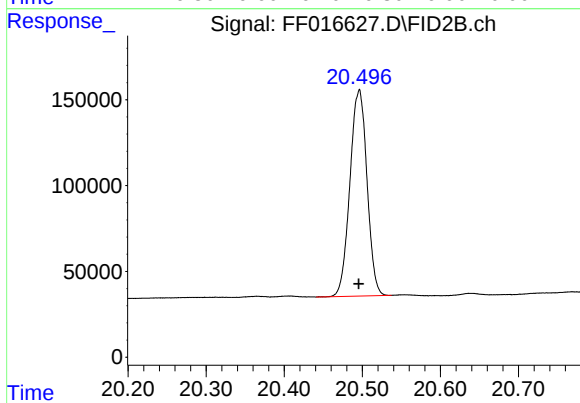
#18 n-Dotriacontane (C32)

R.T.: 18.966 min
Delta R.T.: 0.000 min
Response: 2420801
Conc: 17.86 ug/ml



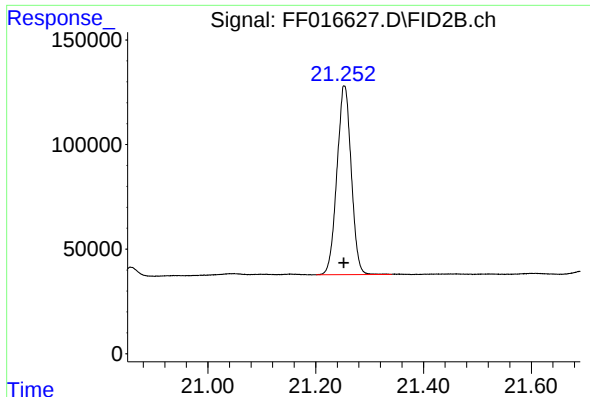
#19 n-Tetratriacontane (C34)

R.T.: 19.752 min
Delta R.T.: 0.000 min
Response: 2154224
Conc: 18.21 ug/ml



#20 n-Hexatriacontane (C36)

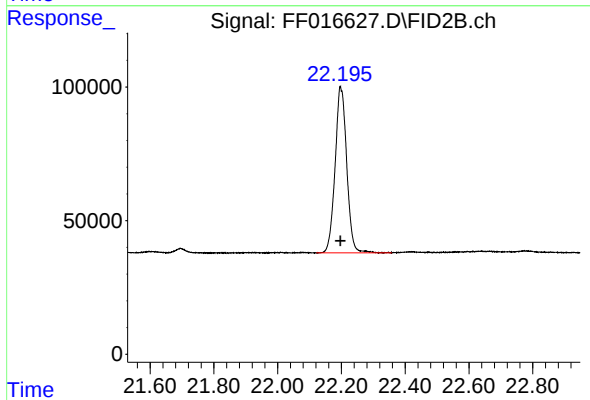
R.T.: 20.496 min
Delta R.T.: 0.000 min
Response: 1827212
Conc: 18.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.253 min
Delta R.T.: 0.001 min
Response: 1657246
Conc: 18.83 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.198 min
Delta R.T.: 0.000 min
Response: 1572361
Conc: 18.54 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AL\
 Data File : FF016627.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2025 01:28
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.313	3.281	3.409	BB	234143	2330648	81.66%	4.502%
2	4.574	4.531	4.681	BB	236345	2379694	83.38%	4.596%
3	6.284	6.254	6.444	BB	240196	2519674	88.28%	4.867%
4	6.751	6.719	6.842	BB	236772	2395074	83.92%	4.626%
5	7.384	7.347	7.569	BV	214450	2401544	84.14%	4.639%
6	8.584	8.551	8.691	BB	219803	2363303	82.80%	4.565%
7	10.193	10.161	10.336	BB	213057	2474749	86.71%	4.780%
8	11.639	11.601	11.739	BB	217078	2546135	89.21%	4.918%
9	11.956	11.901	12.066	BB	263475	2854058	100.00%	5.513%
10	12.952	12.916	13.042	PB	212050	2525594	88.49%	4.878%
11	13.398	13.361	13.499	BB	181748	2209645	77.42%	4.268%
12	13.566	13.527	13.672	BB	204769	2509822	87.94%	4.848%
13	14.154	14.071	14.257	BB	207006	2520569	88.32%	4.869%
14	15.260	15.192	15.359	BB	194219	2555538	89.54%	4.936%
15	16.285	16.242	16.376	BB	191793	2528664	88.60%	4.884%
16	17.239	17.167	17.336	BB	179179	2496100	87.46%	4.821%
17	18.131	18.066	18.212	BB	176000	2529841	88.64%	4.886%
18	18.966	18.921	19.031	BB	173595	2420801	84.82%	4.676%
19	19.752	19.701	19.821	BB	151421	2154224	75.48%	4.161%
20	20.496	20.441	20.537	BV	120134	1827212	64.02%	3.529%
21	21.253	21.201	21.341	BB	90186	1657246	58.07%	3.201%
22	22.198	22.121	22.357	BB	61823	1572361	55.09%	3.037%
Sum of corrected areas:							51772494	

Aliphatic EPH 102925.M Thu Oct 30 03:45:50 2025