

TPH GC INITIAL CALIBRATION SUMMARY

Lab Name: Chemtech Contract: PARS02
 ProjectID: Con Edison - 11th Ave-West 50th St Site
 Lab Code: CHEM Case No.: Q1739 SAS No.: Q1739 SDG No.: Q1739

Calibration Sequence : FF032625		Test : TPH GC	
Concentration (PPM)	Area Count	Reference Factor	File ID
1700	198527146	116781	FF015731.D
850	95338794	112163	FF015732.D
340	37302499	109713	FF015733.D
170	19378643	113992	FF015734.D
85	8296775	97609	FF015735.D
AVG RF : 110052		% RSD : 6.742	AVG RT : 15.0252

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032625\
 Data File : FF015731.D
 Signal(s) : FID2B.ch
 Acq On : 26 Mar 2025 10:26
 Operator : YP\AJ
 Sample : 100 TRPH STD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 TRPH STD

Integration File: autoint1.e
 Quant Time: Mar 26 12:49:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF032625.M
 Quant Title :
 QLast Update : Wed Mar 26 12:48:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.029	11080179	100.029 ug/ml
Target Compounds			
1) N-OCTANE	2.027	11812969	101.961 ug/ml
2) N-DECANE	4.568	11971122	102.109 ug/ml
3) N-DODECANE	6.738	12253088	102.372 ug/ml
4) N-TETRADECANE	8.566	12406560	102.340 ug/ml
5) N-HEXADECANE	10.174	12506096	101.918 ug/ml
6) N-OCTADECANE	11.618	12782859	101.494 ug/ml
7) N-EICOSANE	12.929	12956275	100.823 ug/ml
8) N-DOCOSANE	14.129	12594854	100.658 ug/ml
10) N-TETRACOSANE	15.235	12578779	100.201 ug/ml
11) N-HEXACOSANE	16.256	12524022	100.177 ug/ml
12) N-OCTACOSANE	17.206	12372233	100.122 ug/ml
13) N-TRIACONTANE	18.094	12402065	100.099 ug/ml
14) N-DOTRIACONTANE	18.927	11931970	101.680 ug/ml
15) N-TETRATRIACONTANE	19.711	11040224	106.971 ug/ml
16) N-HEXATRIACONTANE	20.451	9782612	115.416 ug/ml
17) N-OCTATRIACONTANE	21.189	8749161	125.716 ug/ml
18) N-TETRACONTANE	22.102	7862257	136.641 ug/ml

(f)=RT Delta > 1/2 Window

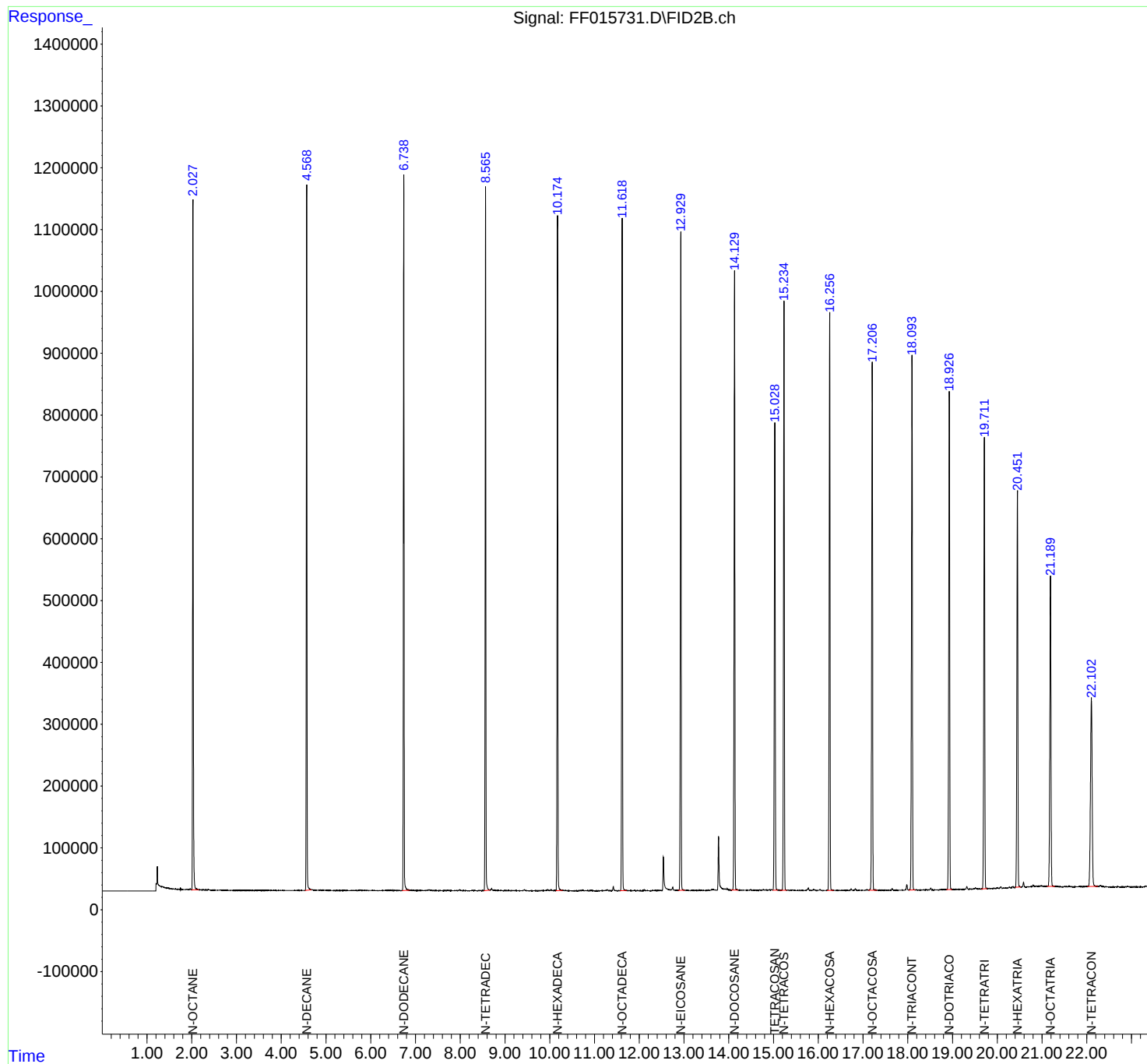
(m)=manual int.

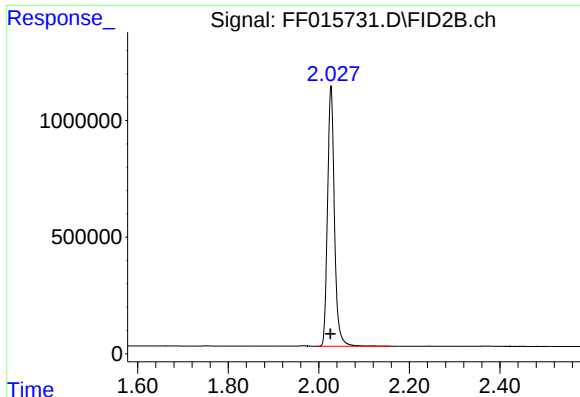
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032625\
Data File : FF015731.D
Signal(s) : FID2B.ch
Acq On : 26 Mar 2025 10:26
Operator : YP\AJ
Sample : 100 TRPH STD
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
100 TRPH STD

Integration File: autoint1.e
Quant Time: Mar 26 12:49:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF032625.M
Quant Title :
QLast Update : Wed Mar 26 12:48:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

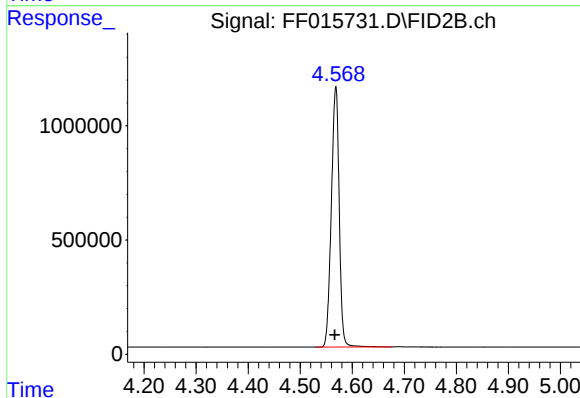




#1 N-OCTANE

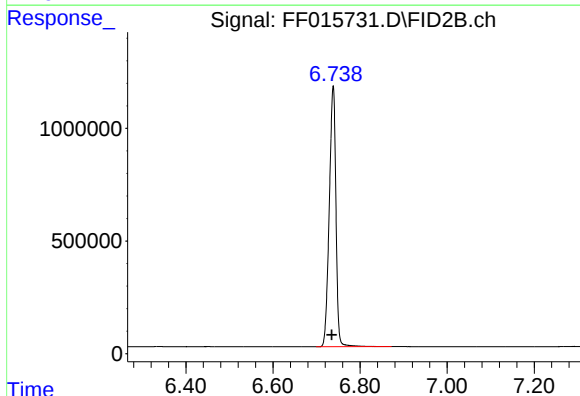
R.T.: 2.027 min
Delta R.T.: 0.001 min
Response: 11812969
Conc: 101.96 ug/ml

Instrument :
FID_F
ClientSampleId :
100 TRPH STD



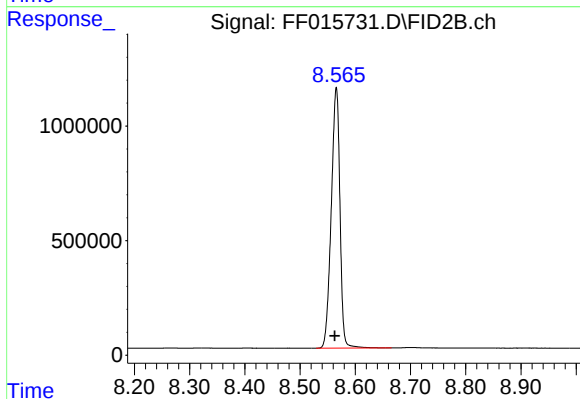
#2 N-DECANE

R.T.: 4.568 min
Delta R.T.: 0.002 min
Response: 11971122
Conc: 102.11 ug/ml



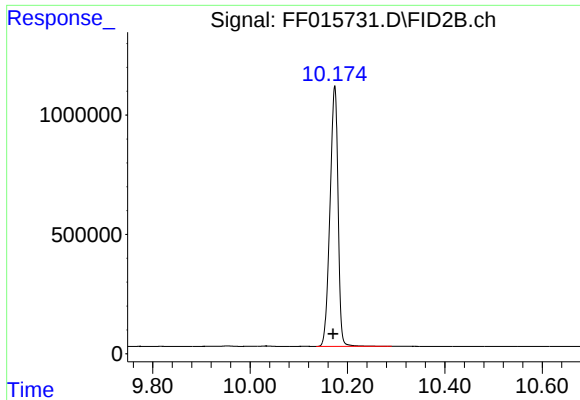
#3 N-DODECANE

R.T.: 6.738 min
Delta R.T.: 0.003 min
Response: 12253088
Conc: 102.37 ug/ml



#4 N-TETRADECANE

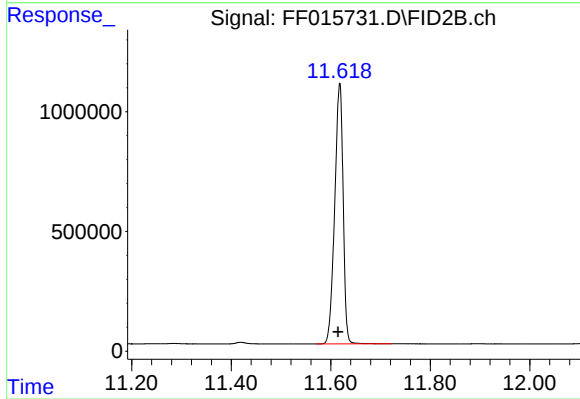
R.T.: 8.566 min
Delta R.T.: 0.003 min
Response: 12406560
Conc: 102.34 ug/ml



#5 N-HEXADECANE

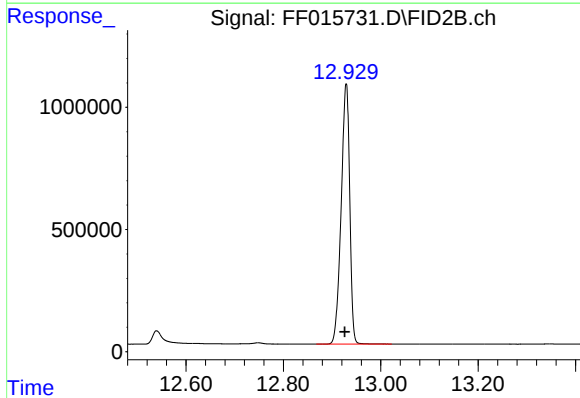
R.T.: 10.174 min
Delta R.T.: 0.003 min
Response: 12506096
Conc: 101.92 ug/ml

Instrument :
FID_F
ClientSampleId :
100 TRPH STD



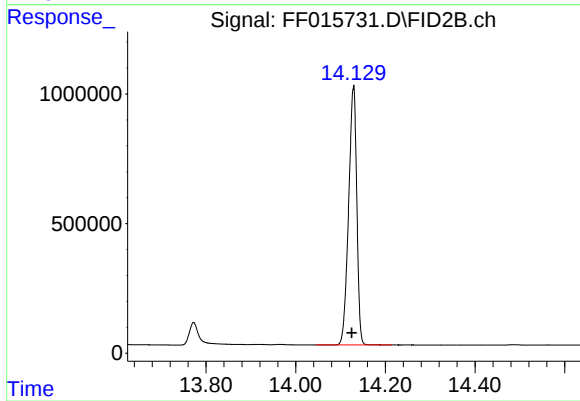
#6 N-OCTADECANE

R.T.: 11.618 min
Delta R.T.: 0.004 min
Response: 12782859
Conc: 101.49 ug/ml



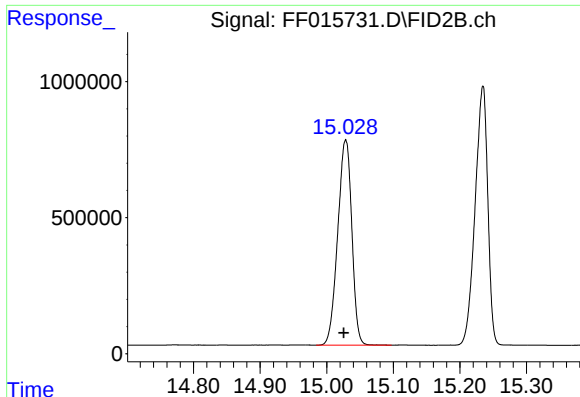
#7 N-EICOSANE

R.T.: 12.929 min
Delta R.T.: 0.004 min
Response: 12956275
Conc: 100.82 ug/ml



#8 N-DOCOSANE

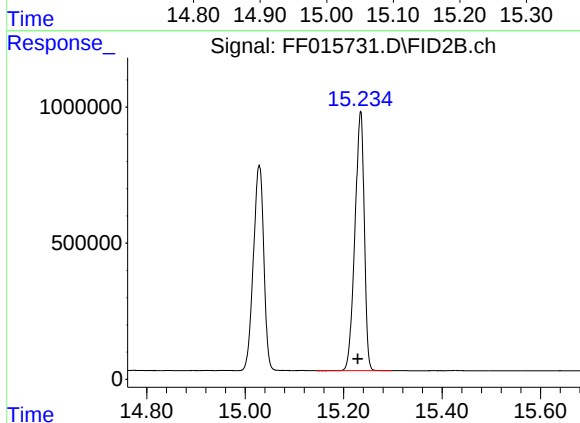
R.T.: 14.129 min
Delta R.T.: 0.004 min
Response: 12594854
Conc: 100.66 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

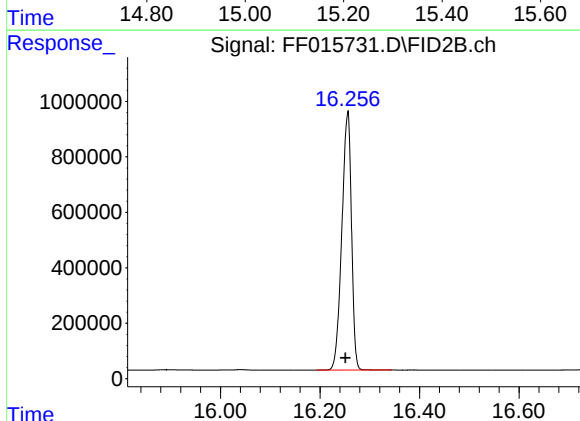
R.T.: 15.029 min
Delta R.T.: 0.003 min
Response: 11080179
Conc: 100.03 ug/ml

Instrument :
FID_F
ClientSampleId :
100 TRPH STD



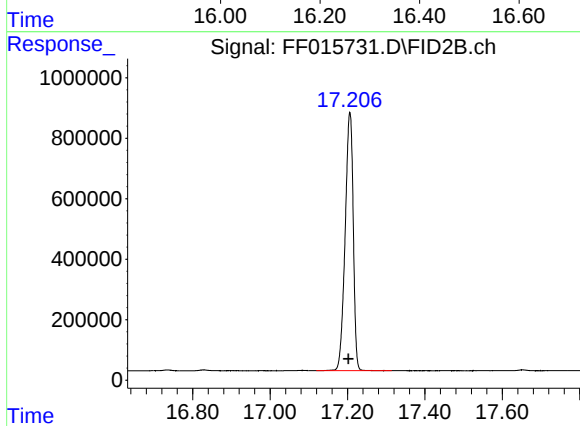
#10 N-TETRACOSANE

R.T.: 15.235 min
Delta R.T.: 0.006 min
Response: 12578779
Conc: 100.20 ug/ml



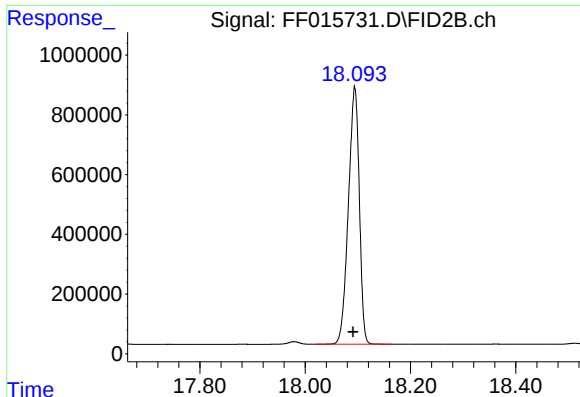
#11 N-HEXACOSANE

R.T.: 16.256 min
Delta R.T.: 0.004 min
Response: 12524022
Conc: 100.18 ug/ml



#12 N-OCTACOSANE

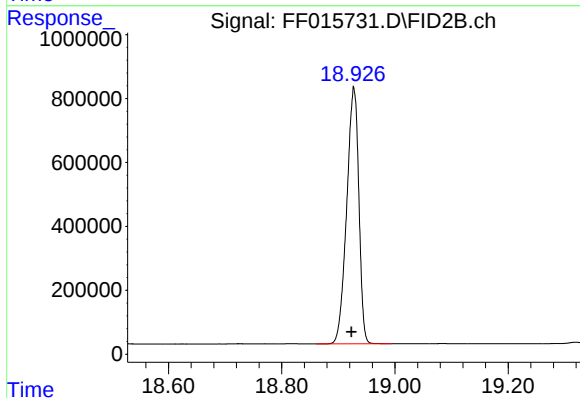
R.T.: 17.206 min
Delta R.T.: 0.004 min
Response: 12372233
Conc: 100.12 ug/ml



#13 N-TRIACONTANE

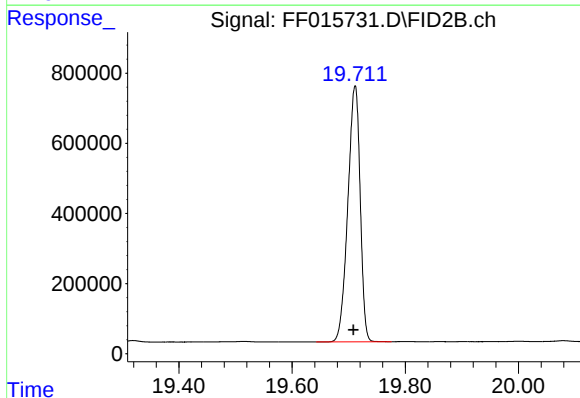
R.T.: 18.094 min
Delta R.T.: 0.004 min
Response: 12402065
Conc: 100.10 ug/ml

Instrument :
FID_F
ClientSampleId :
100 TRPH STD



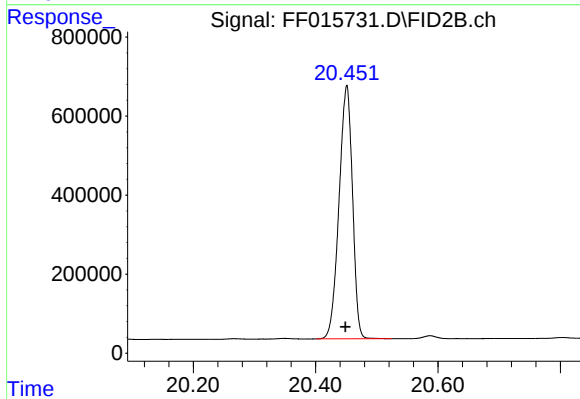
#14 N-DOTRIACONTANE

R.T.: 18.927 min
Delta R.T.: 0.005 min
Response: 11931970
Conc: 101.68 ug/ml



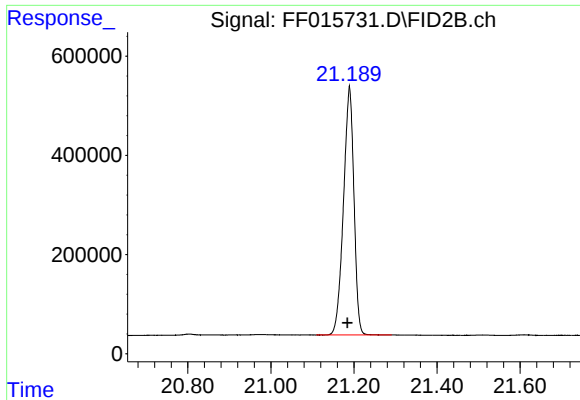
#15 N-TETRATRIACONTANE

R.T.: 19.711 min
Delta R.T.: 0.003 min
Response: 11040224
Conc: 106.97 ug/ml



#16 N-HEXATRIACONTANE

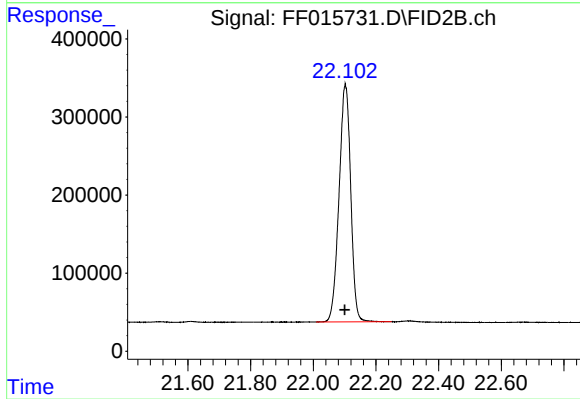
R.T.: 20.451 min
Delta R.T.: 0.003 min
Response: 9782612
Conc: 115.42 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.189 min
Delta R.T.: 0.005 min
Response: 8749161
Conc: 125.72 ug/ml

Instrument :
FID_F
ClientSampleId :
100 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.102 min
Delta R.T.: 0.002 min
Response: 7862257
Conc: 136.64 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032625\
Data File : FF015731.D
Signal(s) : FID2B.ch
Acq On : 26 Mar 2025 10:26
Sample : 100 TRPH STD
Misc :
ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF032625.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.027	1.994	2.161	PB	1117364	11812969	91.18%	5.636%
2	4.568	4.531	4.676	BV	1144497	11971122	92.40%	5.711%
3	6.738	6.699	6.872	BB	1161799	12253088	94.57%	5.846%
4	8.566	8.529	8.666	BV	1138122	12406560	95.76%	5.919%
5	10.174	10.136	10.291	BB	1091720	12506096	96.53%	5.966%
6	11.618	11.571	11.722	BB	1087192	12782859	98.66%	6.098%
7	12.929	12.867	13.022	BB	1066560	12956275	100.00%	6.181%
8	14.129	14.046	14.214	BB	994268	12594854	97.21%	6.009%
9	15.029	14.984	15.097	VV	754719	11080179	85.52%	5.286%
10	15.235	15.144	15.297	BB	954007	12578779	97.09%	6.001%
11	16.256	16.192	16.344	BB	931293	12524022	96.66%	5.975%
12	17.206	17.119	17.314	BB	854553	12372233	95.49%	5.903%
13	18.094	18.021	18.164	VB	862510	12402065	95.72%	5.917%
14	18.928	18.861	18.994	BB	802616	11931970	92.09%	5.693%
15	19.711	19.642	19.776	BV	729693	11040224	85.21%	5.267%
16	20.451	20.401	20.524	BB	641536	9782612	75.50%	4.667%
17	21.189	21.109	21.291	BB	501278	8749161	67.53%	4.174%
18	22.102	22.009	22.250	BBA	305022	7862257	60.68%	3.751%

Sum of corrected areas: 209607322

FF032625.M Wed Mar 26 17:39:03 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032625\
 Data File : FF015732.D
 Signal(s) : FID2B.ch
 Acq On : 26 Mar 2025 11:24
 Operator : YP\AJ
 Sample : 50 TRPH STD
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 TRPH STD

Integration File: autoint1.e
 Quant Time: Mar 26 12:49:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF032625.M
 Quant Title :
 QLast Update : Wed Mar 26 12:48:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.025	5538479	50.000 ug/ml
Target Compounds			
1) N-OCTANE	2.026	5792876	50.000 ug/ml
2) N-DECANE	4.566	5861936	50.000 ug/ml
3) N-DODECANE	6.735	5984561	50.000 ug/ml
4) N-TETRADECANE	8.563	6061442	50.000 ug/ml
5) N-HEXADECANE	10.171	6135398	50.000 ug/ml
6) N-OCTADECANE	11.615	6297371	50.000 ug/ml
7) N-EICOSANE	12.926	6425282	50.000 ug/ml
8) N-DOCOSANE	14.125	6256239	50.000 ug/ml
10) N-TETRACOSANE	15.229	6276780	50.000 ug/ml
11) N-HEXACOSANE	16.252	6250966	50.000 ug/ml
12) N-OCTACOSANE	17.202	6178607	50.000 ug/ml
13) N-TRIACONTANE	18.091	6194887	50.000 ug/ml
14) N-DOTRIACONTANE	18.923	5867387	50.000 ug/ml
15) N-TETRATRIACONTANE	19.708	5160377	50.000 ug/ml
16) N-HEXATRIACONTANE	20.448	4237994	50.000 ug/ml
17) N-OCTATRIACONTANE	21.184	3479721	50.000 ug/ml
18) N-TETRACONTANE	22.100	2876970	50.000 ug/ml

(f)=RT Delta > 1/2 Window

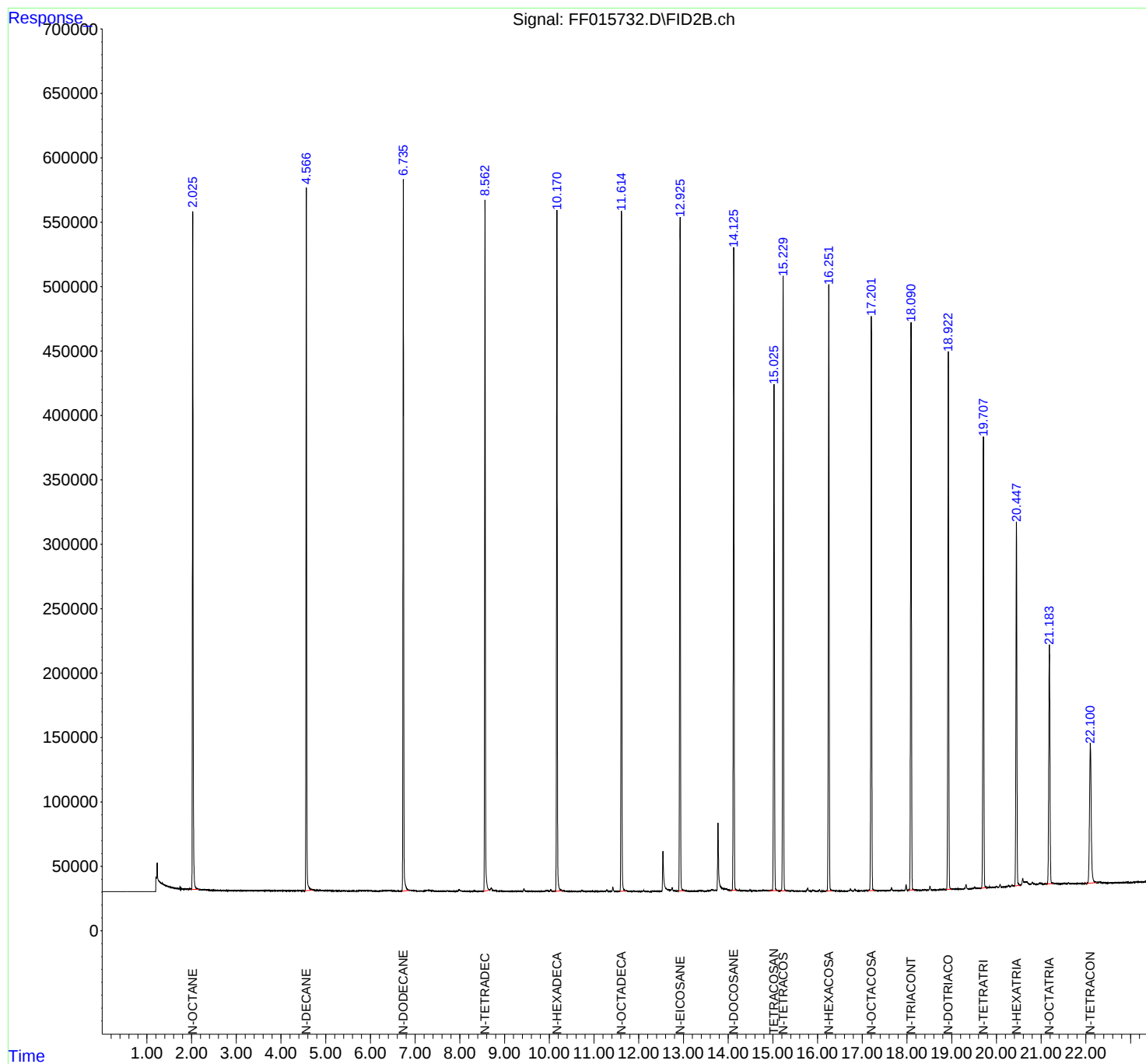
(m)=manual int.

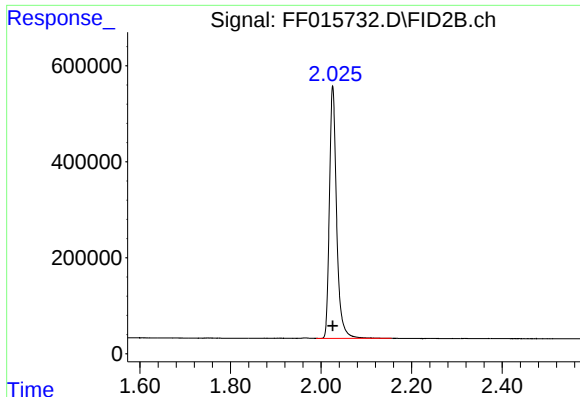
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032625\
Data File : FF015732.D
Signal(s) : FID2B.ch
Acq On : 26 Mar 2025 11:24
Operator : YP\AJ
Sample : 50 TRPH STD
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 TRPH STD

Integration File: autoint1.e
Quant Time: Mar 26 12:49:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF032625.M
Quant Title :
QLast Update : Wed Mar 26 12:48:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

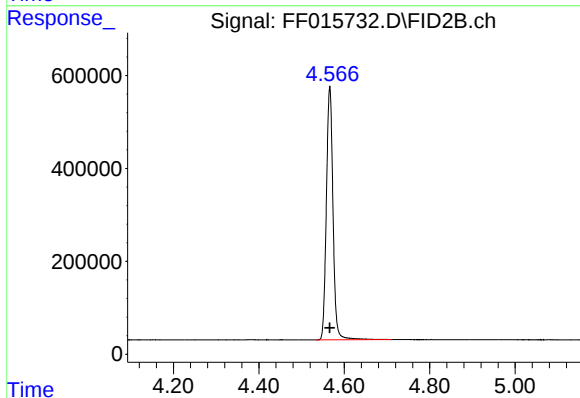




#1 N-OCTANE

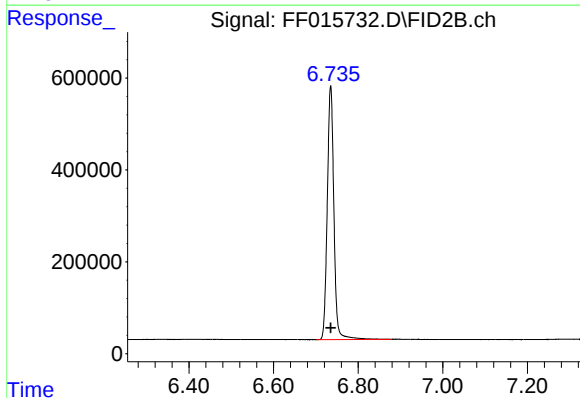
R.T.: 2.026 min
Delta R.T.: 0.000 min
Response: 5792876
Conc: 50.00 ug/ml

Instrument :
FID_F
ClientSampleId :
50 TRPH STD



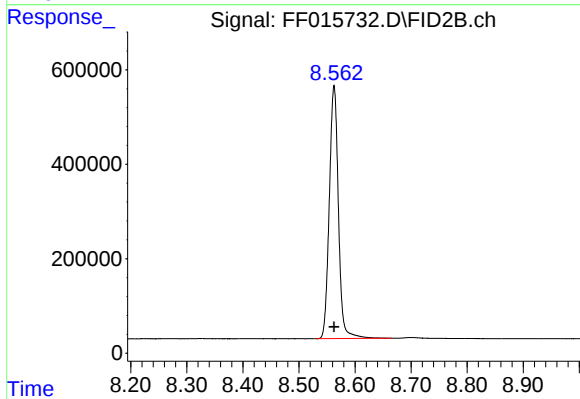
#2 N-DECANE

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 5861936
Conc: 50.00 ug/ml



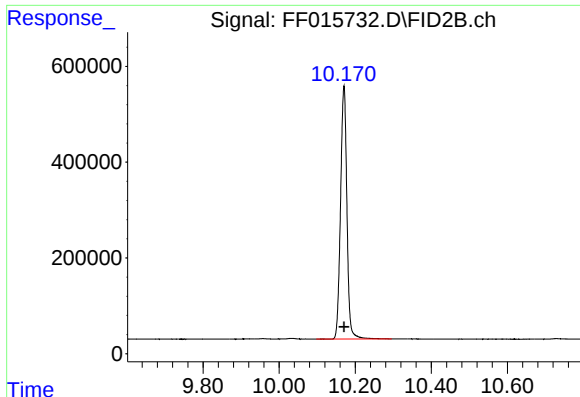
#3 N-DODECANE

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 5984561
Conc: 50.00 ug/ml



#4 N-TETRADECANE

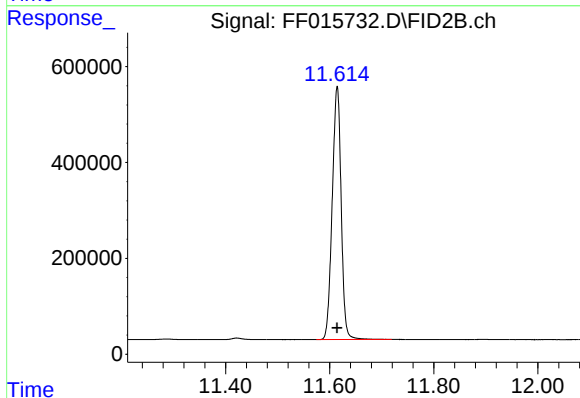
R.T.: 8.563 min
Delta R.T.: 0.000 min
Response: 6061442
Conc: 50.00 ug/ml



#5 N-HEXADECANE

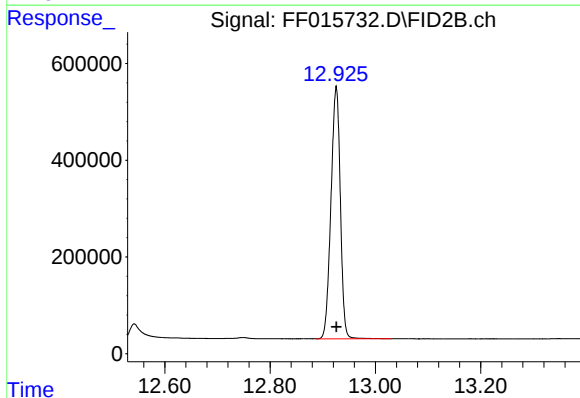
R.T.: 10.171 min
Delta R.T.: 0.000 min
Response: 6135398
Conc: 50.00 ug/ml

Instrument :
FID_F
ClientSampleId :
50 TRPH STD



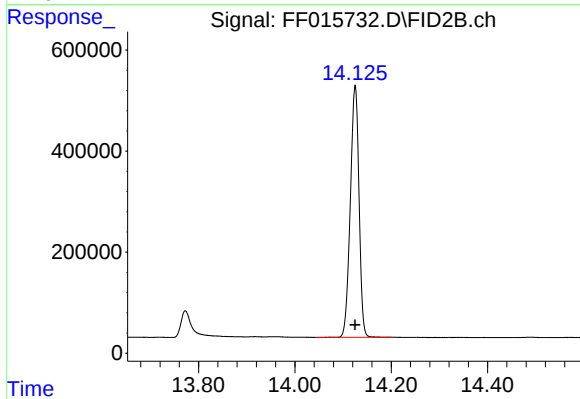
#6 N-OCTADECANE

R.T.: 11.615 min
Delta R.T.: 0.000 min
Response: 6297371
Conc: 50.00 ug/ml



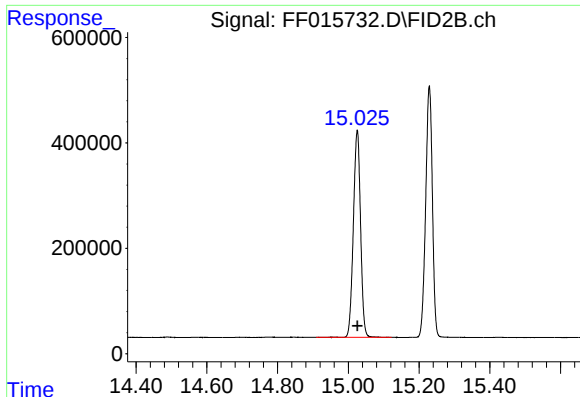
#7 N-EICOSANE

R.T.: 12.926 min
Delta R.T.: 0.000 min
Response: 6425282
Conc: 50.00 ug/ml



#8 N-DOCOSANE

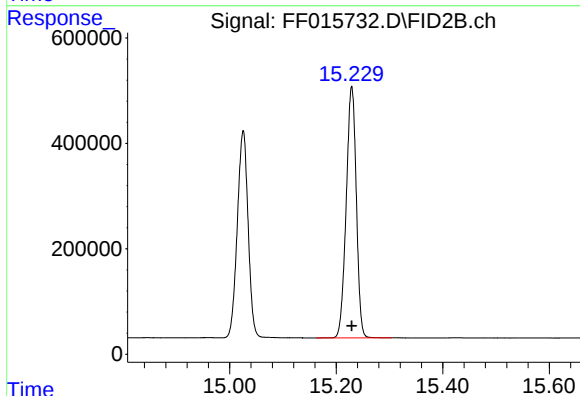
R.T.: 14.125 min
Delta R.T.: 0.000 min
Response: 6256239
Conc: 50.00 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

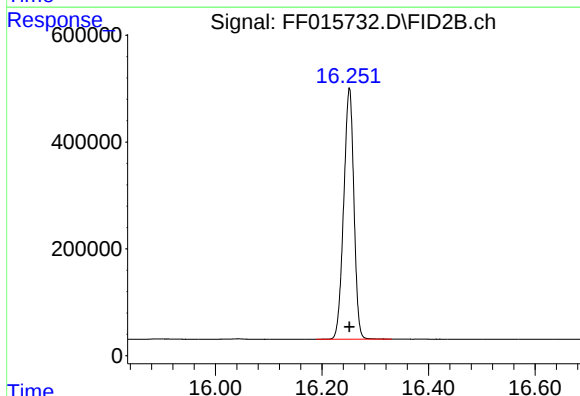
R.T.: 15.025 min
Delta R.T.: 0.000 min
Response: 5538479
Conc: 50.00 ug/ml

Instrument :
FID_F
ClientSampleId :
50 TRPH STD



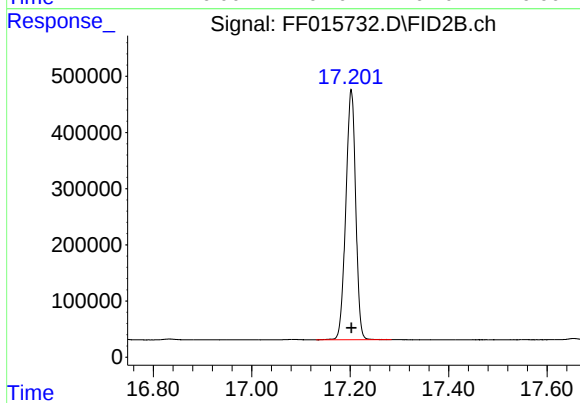
#10 N-TETRACOSANE

R.T.: 15.229 min
Delta R.T.: 0.000 min
Response: 6276780
Conc: 50.00 ug/ml



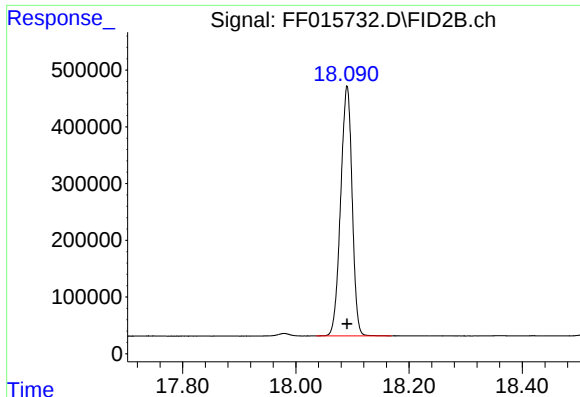
#11 N-HEXACOSANE

R.T.: 16.252 min
Delta R.T.: 0.000 min
Response: 6250966
Conc: 50.00 ug/ml



#12 N-OCTACOSANE

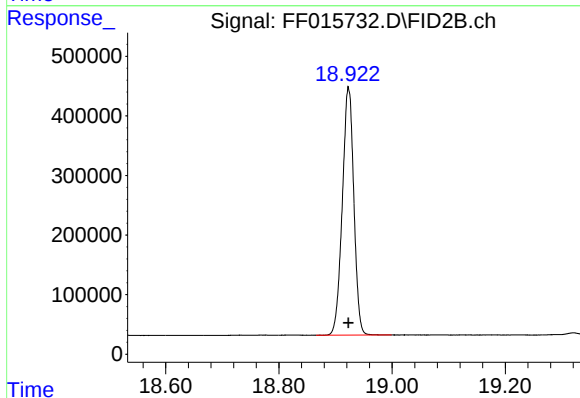
R.T.: 17.202 min
Delta R.T.: 0.000 min
Response: 6178607
Conc: 50.00 ug/ml



#13 N-TRIACONTANE

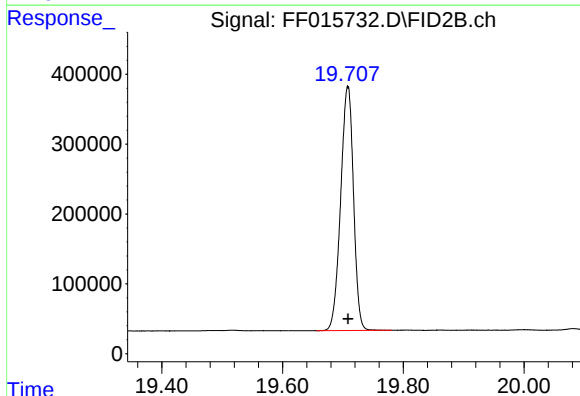
R.T.: 18.091 min
Delta R.T.: 0.000 min
Response: 6194887
Conc: 50.00 ug/ml

Instrument :
FID_F
ClientSampleId :
50 TRPH STD



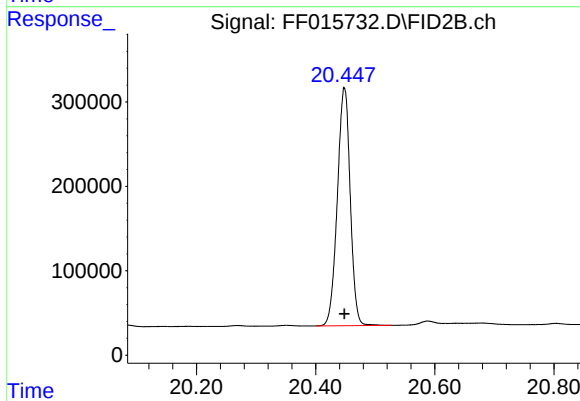
#14 N-DOTRIACONTANE

R.T.: 18.923 min
Delta R.T.: 0.000 min
Response: 5867387
Conc: 50.00 ug/ml



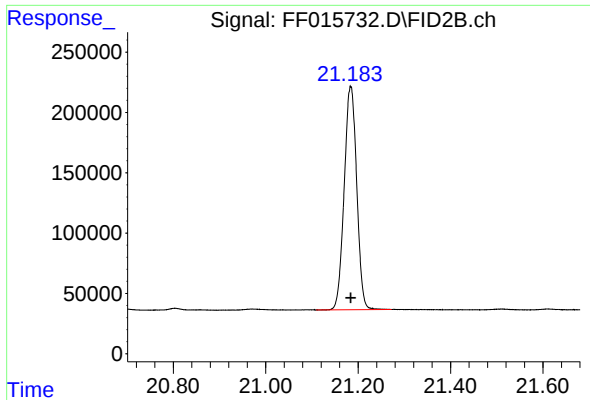
#15 N-TETRATRIACONTANE

R.T.: 19.708 min
Delta R.T.: 0.000 min
Response: 5160377
Conc: 50.00 ug/ml



#16 N-HEXATRIACONTANE

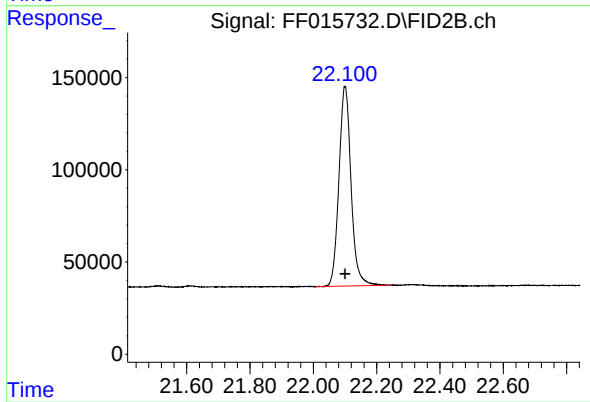
R.T.: 20.448 min
Delta R.T.: 0.000 min
Response: 4237994
Conc: 50.00 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.184 min
Delta R.T.: 0.000 min
Response: 3479721
Conc: 50.00 ug/ml

Instrument :
FID_F
ClientSampleId :
50 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.100 min
Delta R.T.: 0.000 min
Response: 2876970
Conc: 50.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032625\
Data File : FF015732.D
Signal(s) : FID2B.ch
Acq On : 26 Mar 2025 11:24
Sample : 50 TRPH STD
Misc :
ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF032625.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.026	1.989	2.156	BB	525985	5792876	90.16%	5.742%
2	4.566	4.534	4.711	BB	544350	5861936	91.23%	5.811%
3	6.735	6.701	6.879	BB	554217	5984561	93.14%	5.933%
4	8.563	8.531	8.665	BV	535738	6061442	94.34%	6.009%
5	10.171	10.097	10.296	BB	529642	6135398	95.49%	6.082%
6	11.615	11.574	11.719	BB	528164	6297371	98.01%	6.243%
7	12.926	12.887	13.031	BB	522010	6425282	100.00%	6.369%
8	14.125	14.044	14.201	BB	498584	6256239	97.37%	6.202%
9	15.025	14.909	15.122	BB	393509	5538479	86.20%	5.490%
10	15.229	15.162	15.304	BB	476897	6276780	97.69%	6.222%
11	16.252	16.189	16.331	BB	471022	6250966	97.29%	6.197%
12	17.202	17.131	17.284	BB	443787	6178607	96.16%	6.125%
13	18.091	18.036	18.169	BB	440465	6194887	96.41%	6.141%
14	18.923	18.866	18.999	BB	416217	5867387	91.32%	5.816%
15	19.708	19.656	19.781	BB	349775	5160377	80.31%	5.115%
16	20.448	20.401	20.527	BV	281200	4237994	65.96%	4.201%
17	21.184	21.109	21.272	BB	184919	3479721	54.16%	3.449%
18	22.100	22.009	22.247	BB	108206	2876970	44.78%	2.852%

Sum of corrected areas: 100877272

FF032625.M Wed Mar 26 17:38:29 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032625\
 Data File : FF015733.D
 Signal(s) : FID2B.ch
 Acq On : 26 Mar 2025 11:53
 Operator : YP\AJ
 Sample : 20 TRPH STD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 TRPH STD

Integration File: autoint1.e
 Quant Time: Mar 26 12:50:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF032625.M
 Quant Title :
 QLast Update : Wed Mar 26 12:48:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.023	2195629	19.822 ug/ml
Target Compounds			
1) N-OCTANE	2.029	2231661	19.262 ug/ml
2) N-DECANE	4.567	2210088	18.851 ug/ml
3) N-DODECANE	6.734	2274006	18.999 ug/ml
4) N-TETRADECANE	8.562	2306588	19.027 ug/ml
5) N-HEXADECANE	10.170	2362440	19.253 ug/ml
6) N-OCTADECANE	11.613	2462472	19.552 ug/ml
7) N-EICOSANE	12.923	2543551	19.793 ug/ml
8) N-DOCOSANE	14.122	2479870	19.819 ug/ml
10) N-TETRACOSANE	15.227	2490879	19.842 ug/ml
11) N-HEXACOSANE	16.249	2473888	19.788 ug/ml
12) N-OCTACOSANE	17.200	2451720	19.840 ug/ml
13) N-TRIACONTANE	18.088	2467315	19.914 ug/ml
14) N-DOTRIACONTANE	18.921	2347216	20.002 ug/ml
15) N-TETRATRIACONTANE	19.706	2055921	19.920 ug/ml
16) N-HEXATRIACONTANE	20.445	1691212	19.953 ug/ml
17) N-OCTATRIACONTANE	21.184	1365876	19.626 ug/ml
18) N-TETRACONTANE	22.101	1087796	18.905 ug/ml

(f)=RT Delta > 1/2 Window

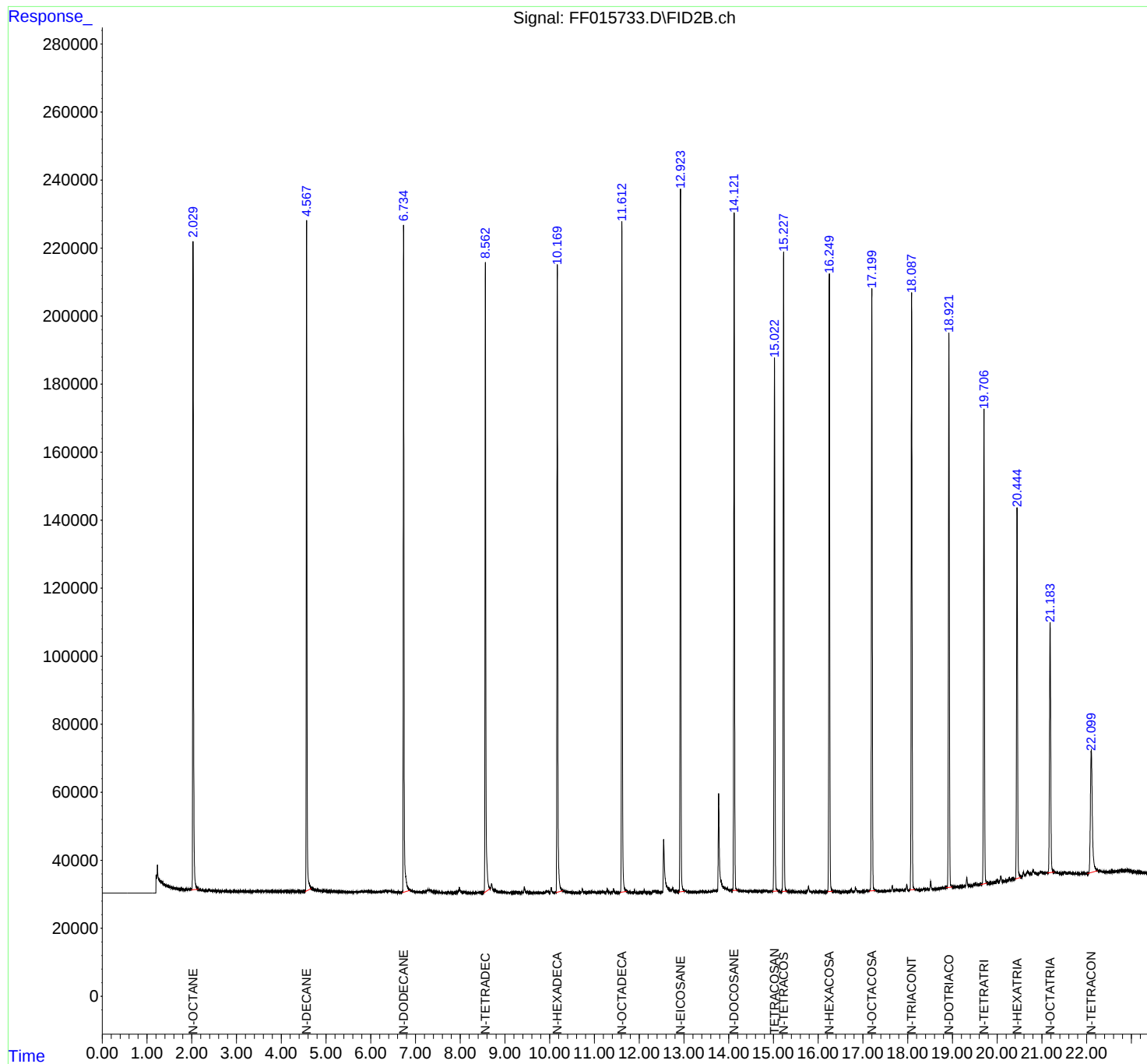
(m)=manual int.

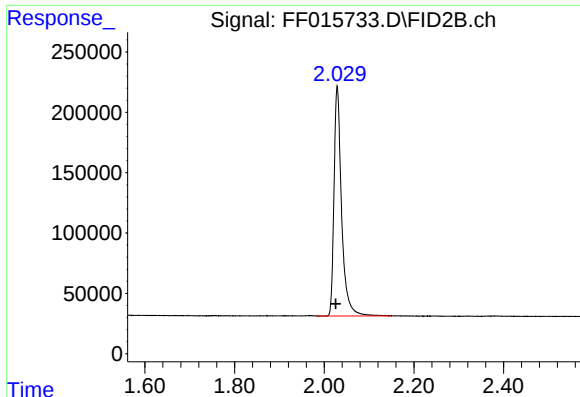
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032625\
Data File : FF015733.D
Signal(s) : FID2B.ch
Acq On : 26 Mar 2025 11:53
Operator : YP\AJ
Sample : 20 TRPH STD
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 TRPH STD

Integration File: autoint1.e
Quant Time: Mar 26 12:50:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF032625.M
Quant Title :
QLast Update : Wed Mar 26 12:48:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

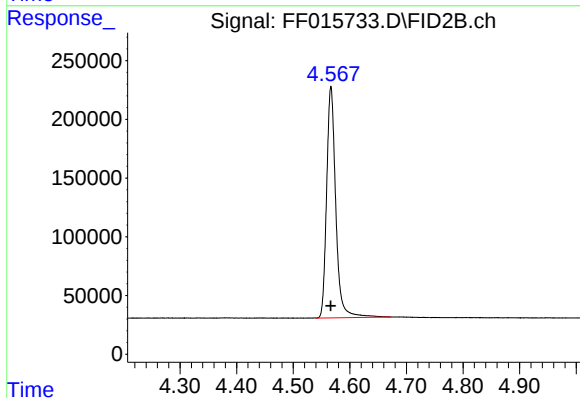




#1 N-OCTANE

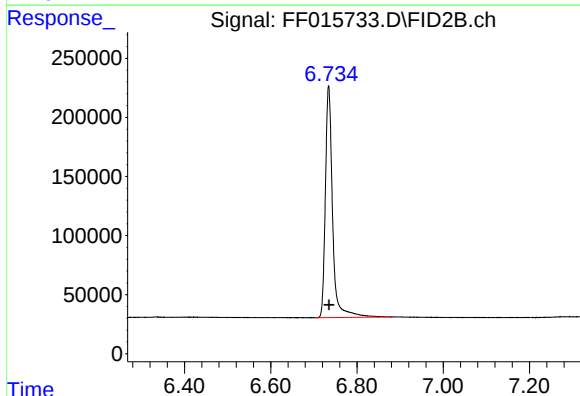
R.T.: 2.029 min
Delta R.T.: 0.003 min
Response: 2231661
Conc: 19.26 ug/ml

Instrument :
FID_F
ClientSampleId :
20 TRPH STD



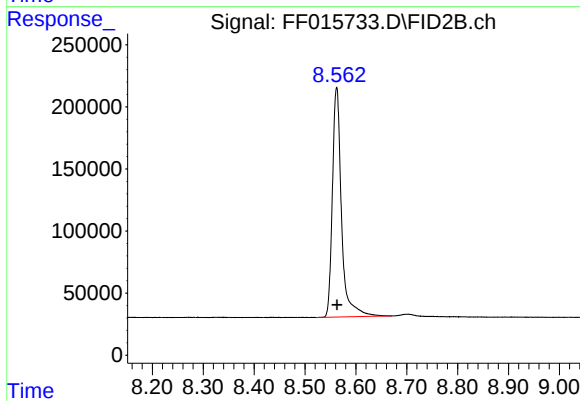
#2 N-DECANE

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 2210088
Conc: 18.85 ug/ml



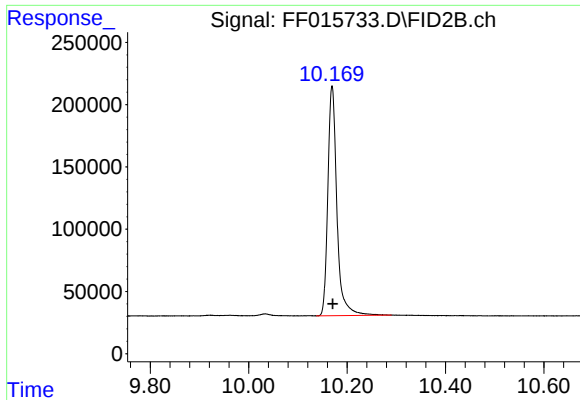
#3 N-DODECANE

R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 2274006
Conc: 19.00 ug/ml



#4 N-TETRADECANE

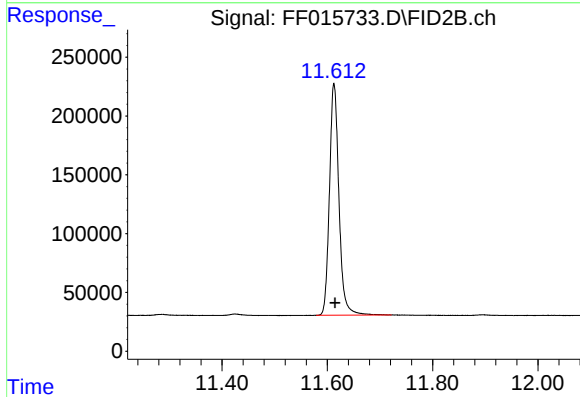
R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 2306588
Conc: 19.03 ug/ml



#5 N-HEXADECANE

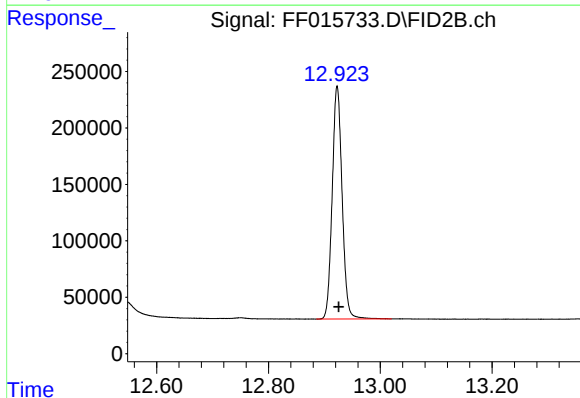
R.T.: 10.170 min
Delta R.T.: 0.000 min
Response: 2362440
Conc: 19.25 ug/ml

Instrument :
FID_F
ClientSampleId :
20 TRPH STD



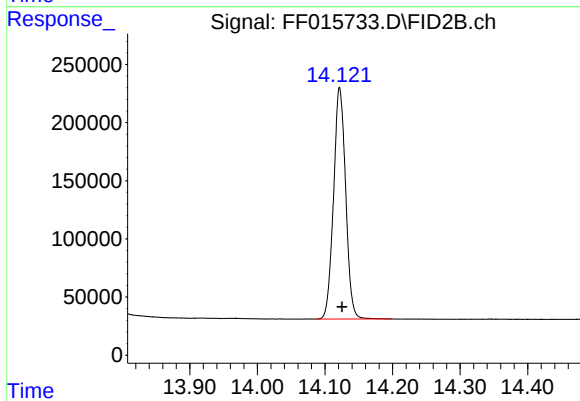
#6 N-OCTADECANE

R.T.: 11.613 min
Delta R.T.: -0.002 min
Response: 2462472
Conc: 19.55 ug/ml



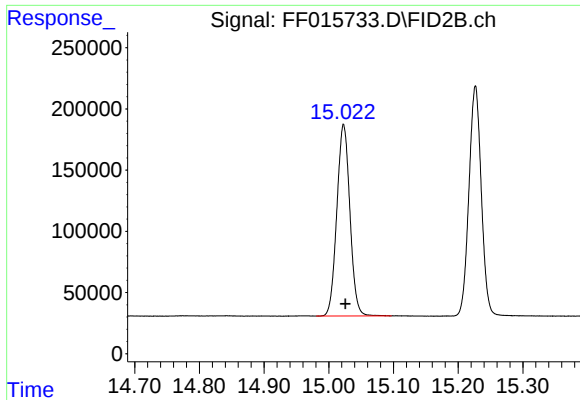
#7 N-EICOSANE

R.T.: 12.923 min
Delta R.T.: -0.003 min
Response: 2543551
Conc: 19.79 ug/ml



#8 N-DOCOSANE

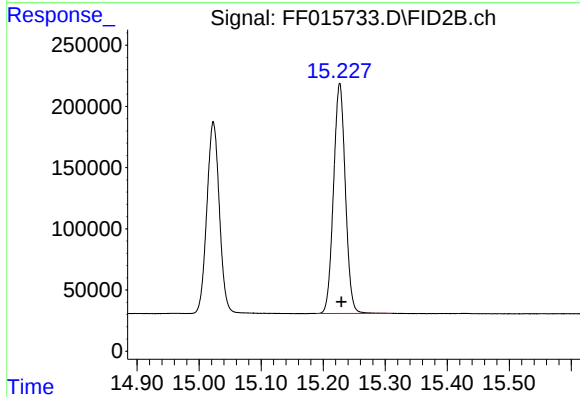
R.T.: 14.122 min
Delta R.T.: -0.004 min
Response: 2479870
Conc: 19.82 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

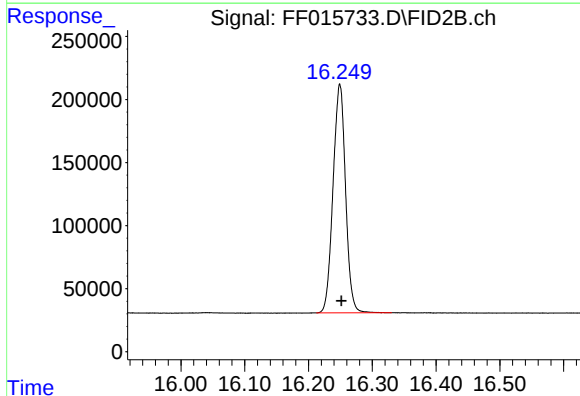
R.T.: 15.023 min
Delta R.T.: -0.003 min
Response: 2195629
Conc: 19.82 ug/ml

Instrument :
FID_F
ClientSampleId :
20 TRPH STD



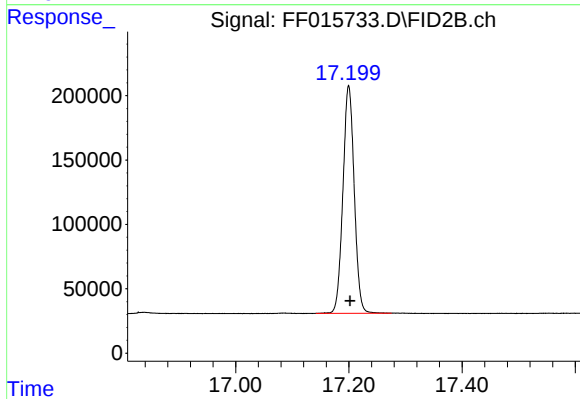
#10 N-TETRACOSANE

R.T.: 15.227 min
Delta R.T.: -0.002 min
Response: 2490879
Conc: 19.84 ug/ml



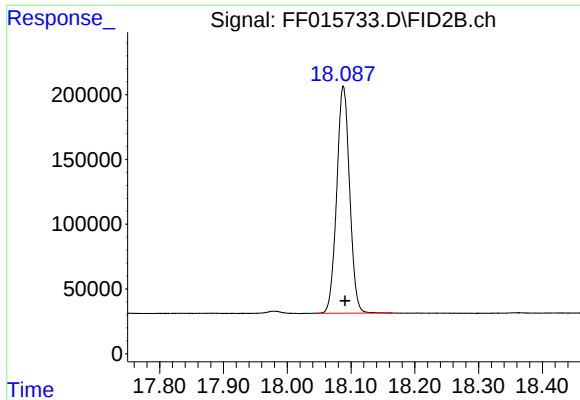
#11 N-HEXACOSANE

R.T.: 16.249 min
Delta R.T.: -0.002 min
Response: 2473888
Conc: 19.79 ug/ml



#12 N-OCTACOSANE

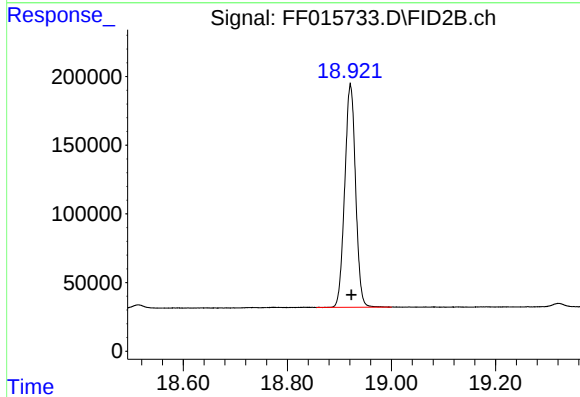
R.T.: 17.200 min
Delta R.T.: -0.003 min
Response: 2451720
Conc: 19.84 ug/ml



#13 N-TRIACONTANE

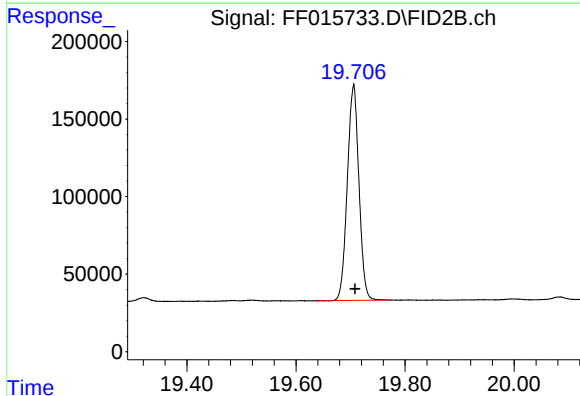
R.T.: 18.088 min
Delta R.T.: -0.003 min
Response: 2467315
Conc: 19.91 ug/ml

Instrument :
FID_F
ClientSampleId :
20 TRPH STD



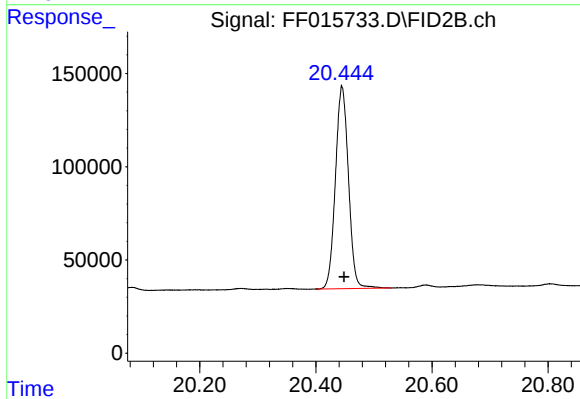
#14 N-DOTRIACONTANE

R.T.: 18.921 min
Delta R.T.: -0.002 min
Response: 2347216
Conc: 20.00 ug/ml



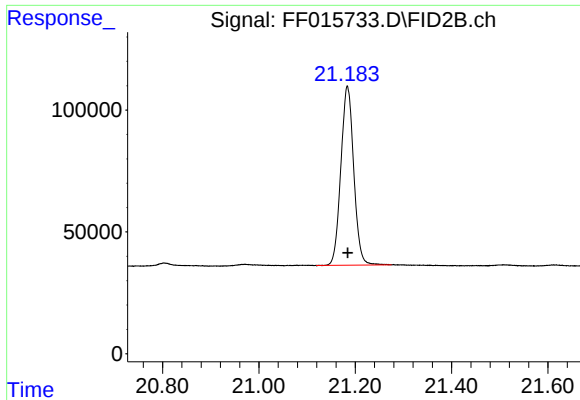
#15 N-TETRATRIACONTANE

R.T.: 19.706 min
Delta R.T.: -0.002 min
Response: 2055921
Conc: 19.92 ug/ml



#16 N-HEXATRIACONTANE

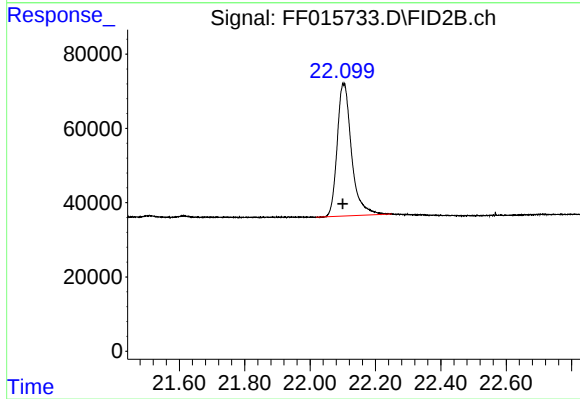
R.T.: 20.445 min
Delta R.T.: -0.003 min
Response: 1691212
Conc: 19.95 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.184 min
Delta R.T.: 0.000 min
Response: 1365876
Conc: 19.63 ug/ml

Instrument :
FID_F
ClientSampleId :
20 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.101 min
Delta R.T.: 0.001 min
Response: 1087796
Conc: 18.91 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032625\
Data File : FF015733.D
Signal(s) : FID2B.ch
Acq On : 26 Mar 2025 11:53
Sample : 20 TRPH STD
Misc :
ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF032625.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.029	1.982	2.150	BB	190425	2231661	87.74%	5.650%
2	4.567	4.540	4.674	BB	197187	2210088	86.89%	5.595%
3	6.734	6.705	6.880	BB	196062	2274006	89.40%	5.757%
4	8.562	8.522	8.670	BV	185205	2306588	90.68%	5.840%
5	10.170	10.137	10.290	BB	184774	2362440	92.88%	5.981%
6	11.613	11.579	11.722	BB	197211	2462472	96.81%	6.234%
7	12.923	12.885	13.020	BB	206153	2543551	100.00%	6.440%
8	14.122	14.087	14.199	BB	198990	2479870	97.50%	6.278%
9	15.023	14.980	15.097	BB	156577	2195629	86.32%	5.559%
10	15.227	15.189	15.310	BB	188279	2490879	97.93%	6.306%
11	16.249	16.212	16.330	BB	181684	2473888	97.26%	6.263%
12	17.200	17.142	17.275	BB	176860	2451720	96.39%	6.207%
13	18.088	18.045	18.164	BB	175488	2467315	97.00%	6.247%
14	18.921	18.855	19.000	BB	162070	2347216	92.28%	5.943%
15	19.706	19.637	19.775	BB	138874	2055921	80.83%	5.205%
16	20.445	20.400	20.530	BB	108224	1691212	66.49%	4.282%
17	21.184	21.119	21.275	BB	73585	1365876	53.70%	3.458%
18	22.101	22.019	22.250	BBA	35701	1087796	42.77%	2.754%
Sum of corrected areas:							39498129	

FF032625.M Wed Mar 26 17:38:00 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032625\
 Data File : FF015734.D
 Signal(s) : FID2B.ch
 Acq On : 26 Mar 2025 12:23
 Operator : YP\AJ
 Sample : 10 TRPH STD
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 TRPH STD

Integration File: autoint1.e
 Quant Time: Mar 26 12:50:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF032625.M
 Quant Title :
 QLast Update : Wed Mar 26 12:48:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.024	1140623	10.297 ug/ml
Target Compounds			
1) N-OCTANE	2.030	1178024	10.168 ug/ml
2) N-DECANE	4.567	1146990	9.783 ug/ml
3) N-DODECANE	6.735	1164214	9.727 ug/ml
4) N-TETRADECANE	8.565	1156674	9.541 ug/ml
5) N-HEXADECANE	10.172	1204080	9.813 ug/ml
6) N-OCTADECANE	11.614	1262066	10.021 ug/ml
7) N-EICOSANE	12.924	1323838	10.302 ug/ml
8) N-DOCOSANE	14.123	1294129	10.343 ug/ml
10) N-TETRACOSANE	15.228	1293524	10.304 ug/ml
11) N-HEXACOSANE	16.250	1285614	10.283 ug/ml
12) N-OCTACOSANE	17.201	1272825	10.300 ug/ml
13) N-TRIACONTANE	18.089	1292084	10.429 ug/ml
14) N-DOTRIACONTANE	18.922	1233236	10.509 ug/ml
15) N-TETRATRIACONTANE	19.707	1088221	10.544 ug/ml
16) N-HEXATRIACONTANE	20.447	896211	10.574 ug/ml
17) N-OCTATRIACONTANE	21.188	725010	10.418 ug/ml
18) N-TETRACONTANE	22.111	561903	9.766 ug/ml

(f)=RT Delta > 1/2 Window

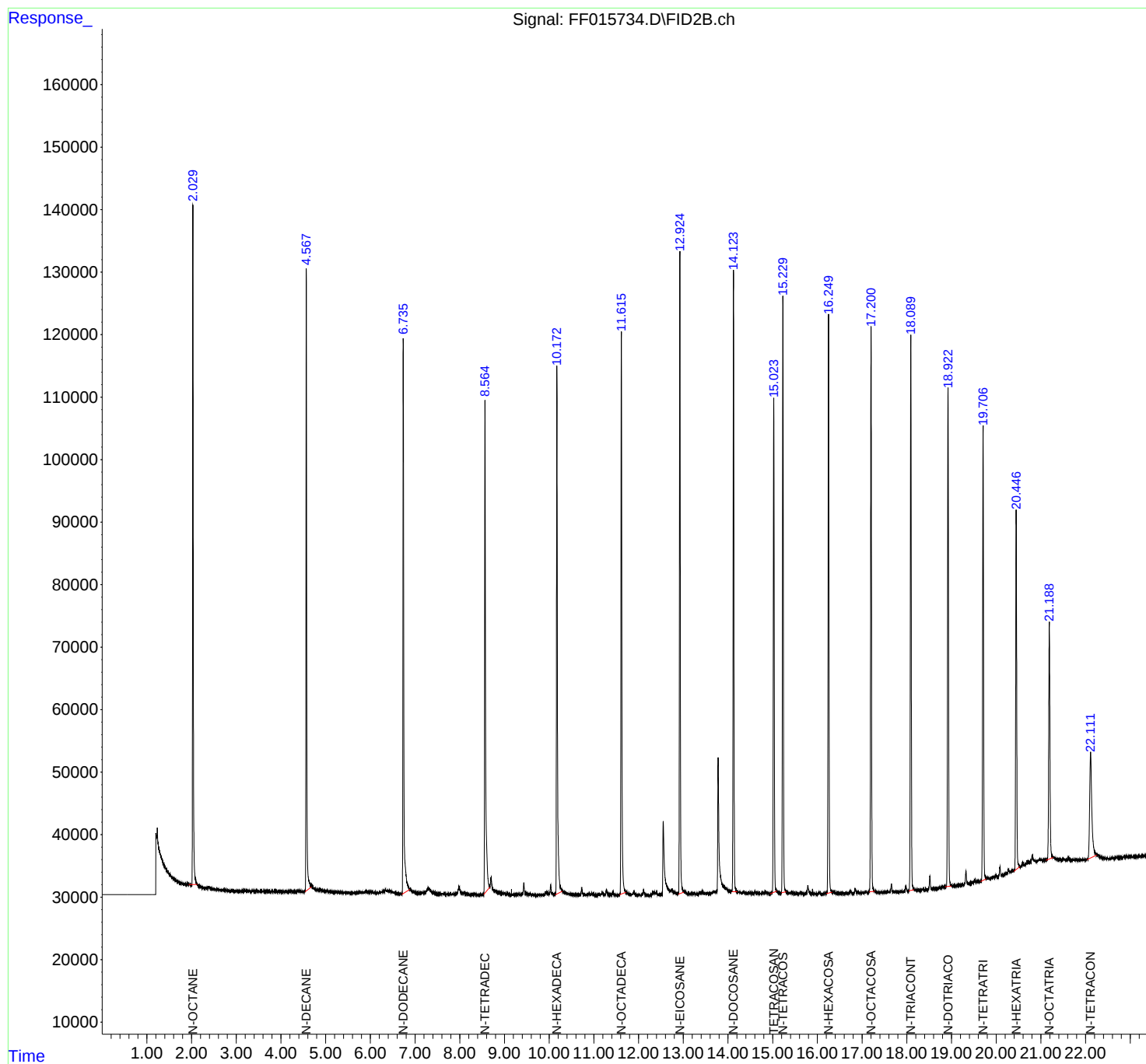
(m)=manual int.

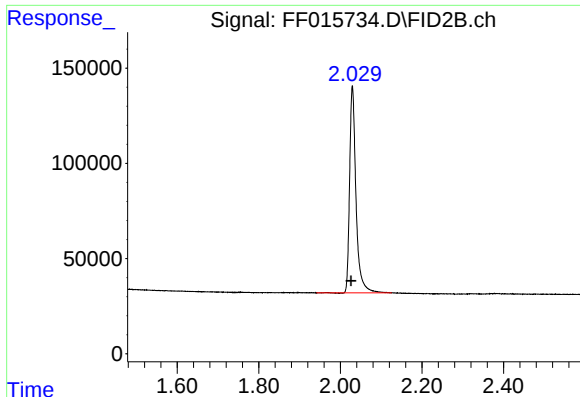
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032625\
Data File : FF015734.D
Signal(s) : FID2B.ch
Acq On : 26 Mar 2025 12:23
Operator : YP\AJ
Sample : 10 TRPH STD
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
10 TRPH STD

Integration File: autoint1.e
Quant Time: Mar 26 12:50:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF032625.M
Quant Title :
QLast Update : Wed Mar 26 12:48:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

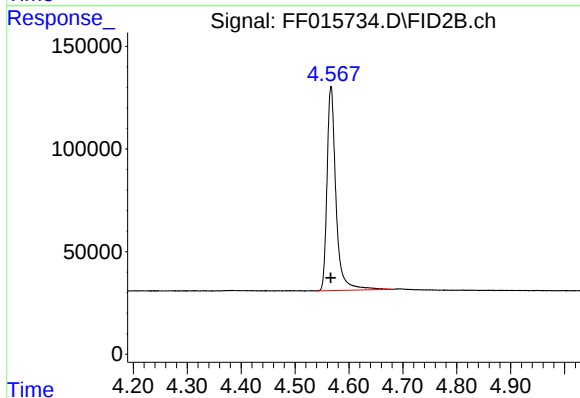




#1 N-OCTANE

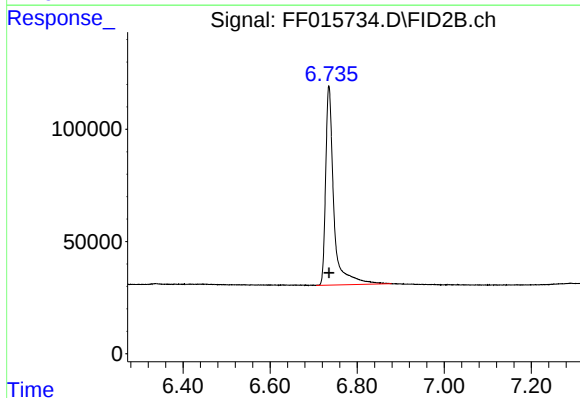
R.T.: 2.030 min
Delta R.T.: 0.004 min
Response: 1178024
Conc: 10.17 ug/ml

Instrument :
FID_F
ClientSampleId :
10 TRPH STD



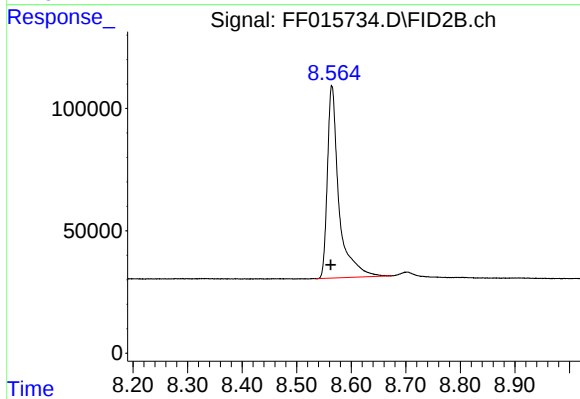
#2 N-DECANE

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 1146990
Conc: 9.78 ug/ml



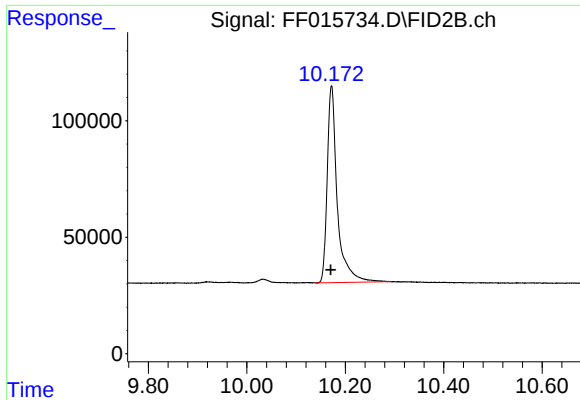
#3 N-DODECANE

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 1164214
Conc: 9.73 ug/ml



#4 N-TETRADECANE

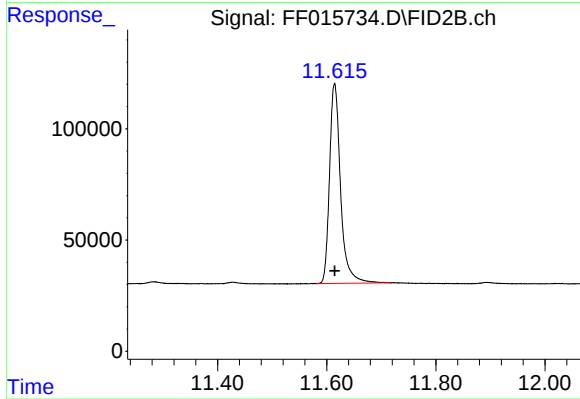
R.T.: 8.565 min
Delta R.T.: 0.002 min
Response: 1156674
Conc: 9.54 ug/ml



#5 N-HEXADECANE

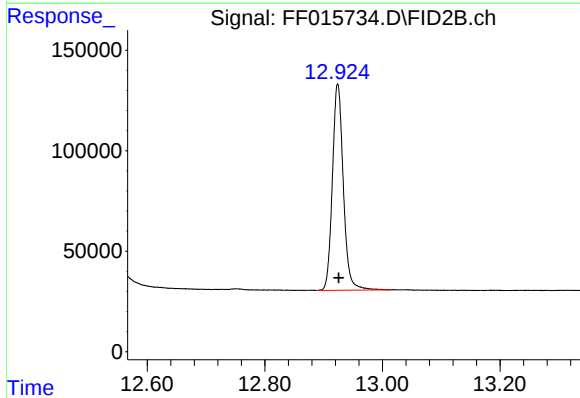
R.T.: 10.172 min
Delta R.T.: 0.002 min
Response: 1204080
Conc: 9.81 ug/ml

Instrument :
FID_F
ClientSampleId :
10 TRPH STD



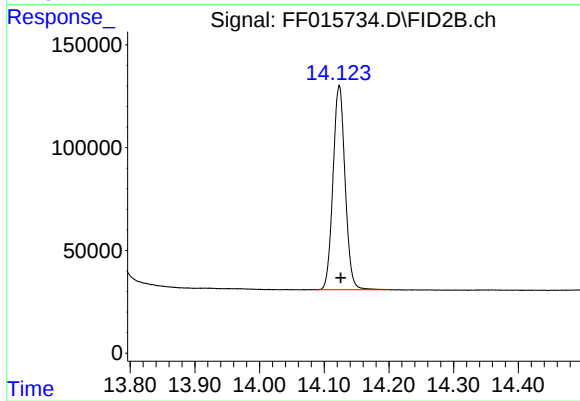
#6 N-OCTADECANE

R.T.: 11.614 min
Delta R.T.: 0.000 min
Response: 1262066
Conc: 10.02 ug/ml



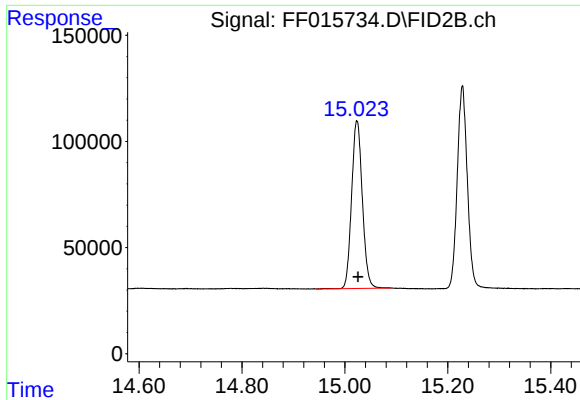
#7 N-EICOSANE

R.T.: 12.924 min
Delta R.T.: -0.002 min
Response: 1323838
Conc: 10.30 ug/ml



#8 N-DOCOSANE

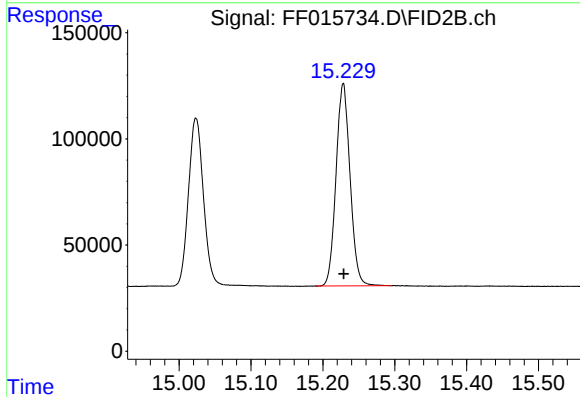
R.T.: 14.123 min
Delta R.T.: -0.002 min
Response: 1294129
Conc: 10.34 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

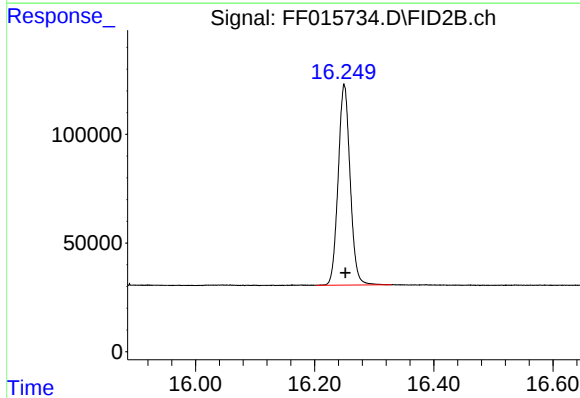
R.T.: 15.024 min
Delta R.T.: -0.002 min
Response: 1140623
Conc: 10.30 ug/ml

Instrument :
FID_F
ClientSampleId :
10 TRPH STD



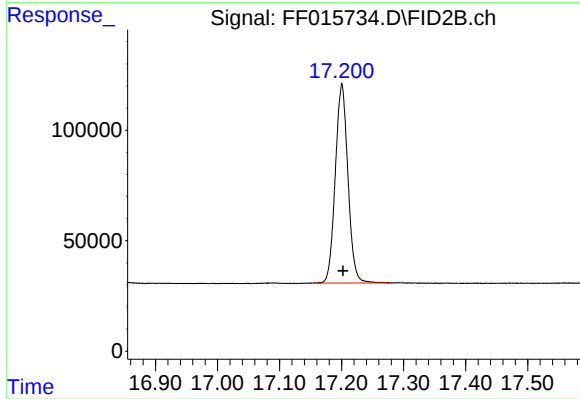
#10 N-TETRACOSANE

R.T.: 15.228 min
Delta R.T.: 0.000 min
Response: 1293524
Conc: 10.30 ug/ml



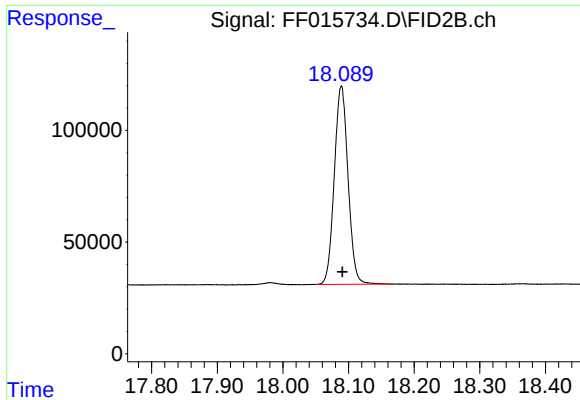
#11 N-HEXACOSANE

R.T.: 16.250 min
Delta R.T.: -0.002 min
Response: 1285614
Conc: 10.28 ug/ml



#12 N-OCTACOSANE

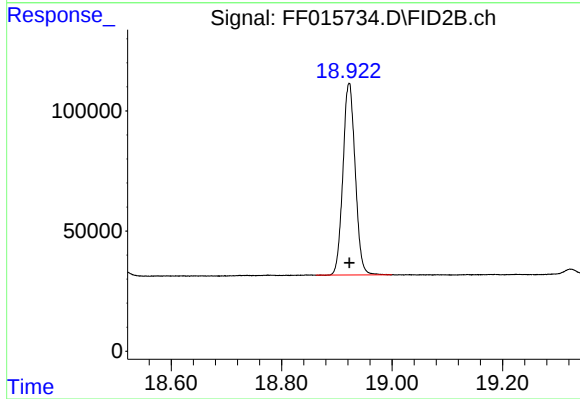
R.T.: 17.201 min
Delta R.T.: -0.002 min
Response: 1272825
Conc: 10.30 ug/ml



#13 N-TRIACONTANE

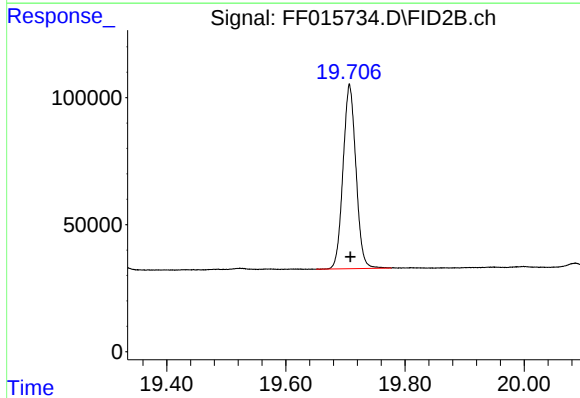
R.T.: 18.089 min
Delta R.T.: -0.001 min
Response: 1292084
Conc: 10.43 ug/ml

Instrument :
FID_F
ClientSampleId :
10 TRPH STD



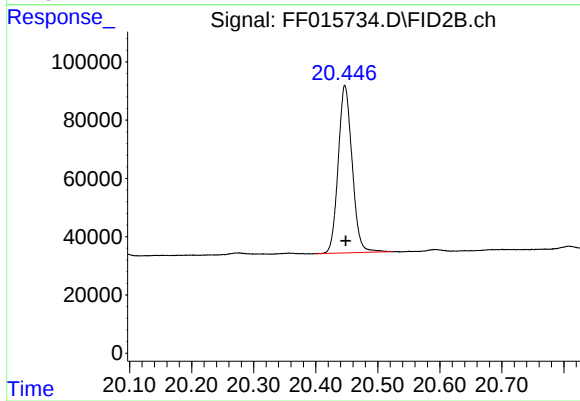
#14 N-DOTRIACONTANE

R.T.: 18.922 min
Delta R.T.: 0.000 min
Response: 1233236
Conc: 10.51 ug/ml



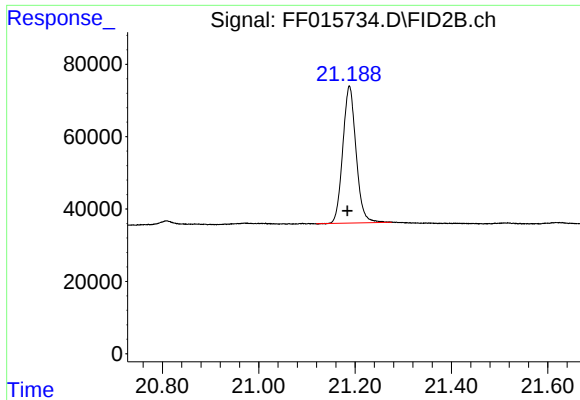
#15 N-TETRATRIACONTANE

R.T.: 19.707 min
Delta R.T.: -0.001 min
Response: 1088221
Conc: 10.54 ug/ml



#16 N-HEXATRIACONTANE

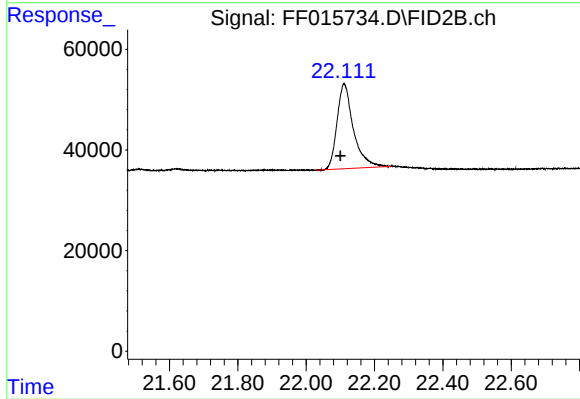
R.T.: 20.447 min
Delta R.T.: -0.001 min
Response: 896211
Conc: 10.57 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.188 min
Delta R.T.: 0.004 min
Response: 725010
Conc: 10.42 ug/ml

Instrument :
FID_F
ClientSampleId :
10 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.111 min
Delta R.T.: 0.011 min
Response: 561903
Conc: 9.77 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032625\
Data File : FF015734.D
Signal(s) : FID2B.ch
Acq On : 26 Mar 2025 12:23
Sample : 10 TRPH STD
Misc :
ALS Vial : 74 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF032625.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.030	1.941	2.126	BB	108695	1178024	88.99%	5.741%
2	4.567	4.539	4.679	BB	99740	1146990	86.64%	5.590%
3	6.735	6.706	6.879	BB	88747	1164214	87.94%	5.674%
4	8.565	8.536	8.674	BV	78852	1156674	87.37%	5.637%
5	10.172	10.141	10.294	BB	84624	1204080	90.95%	5.868%
6	11.614	11.581	11.719	BB	89686	1262066	95.33%	6.151%
7	12.924	12.887	13.016	BB	102657	1323838	100.00%	6.452%
8	14.123	14.087	14.204	BB	99420	1294129	97.76%	6.307%
9	15.024	14.944	15.091	BB	78962	1140623	86.16%	5.559%
10	15.228	15.191	15.296	BB	95691	1293524	97.71%	6.304%
11	16.250	16.202	16.329	BB	92495	1285614	97.11%	6.265%
12	17.201	17.159	17.281	BB	90344	1272825	96.15%	6.203%
13	18.089	18.051	18.166	BB	88803	1292084	97.60%	6.297%
14	18.922	18.862	18.999	BB	79789	1233236	93.16%	6.010%
15	19.707	19.651	19.777	BB	72341	1088221	82.20%	5.303%
16	20.447	20.401	20.522	BB	57478	896211	67.70%	4.368%
17	21.188	21.119	21.276	BB	37944	725010	54.77%	3.533%
18	22.111	22.029	22.250	BBA	16928	561903	42.45%	2.738%
Sum of corrected areas:						20519267		

FF032625.M Wed Mar 26 17:37:39 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032625\
 Data File : FF015735.D
 Signal(s) : FID2B.ch
 Acq On : 26 Mar 2025 12:52
 Operator : YP\AJ
 Sample : 5 TRPH STD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/27/2025
 Supervised By :mohammad ahmed 03/28/2025

Integration File: autoint1.e
 Quant Time: Mar 26 13:01:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF032625.M
 Quant Title :
 QLast Update : Wed Mar 26 12:54:04 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.025	512482	4.602 ug/ml
Target Compounds			
1) N-OCTANE	2.033	490750	4.236 ug/ml
2) N-DECANE	4.570	437559	3.787 ug/ml
3) N-DODECANE	6.740	429396	3.636 ug/ml
4) N-TETRADECANE	8.582	405542	3.406 ug/ml
5) N-HEXADECANE	10.183	494294	4.066 ug/ml
6) N-OCTADECANE	11.621	540901	4.300 ug/ml
7) N-EICOSANE	12.927	587297	4.538 ug/ml
8) N-DOCOSANE	14.124	577980	4.583 ug/ml
10) N-TETRACOSANE	15.230	582073	4.608 ug/ml
11) N-HEXACOSANE	16.253	571230	4.547 ug/ml
12) N-OCTACOSANE	17.204	567794	4.568 ug/ml
13) N-TRIACONTANE	18.093	584488	4.671 ug/ml
14) N-DOTRIACONTANE	18.926	567632	4.757 ug/ml
15) N-TETRATRIACONTANE	19.711	478325	4.499 ug/ml
16) N-HEXATRIACONTANE	20.453	405037	4.541 ug/ml
17) N-OCTATRIACONTANE	21.197	276360	3.711 ug/ml
18) N-TETRACONTANE	22.127	300117	4.865 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032625\
Data File : FF015735.D
Signal(s) : FID2B.ch
Acq On : 26 Mar 2025 12:52
Operator : YP\AJ
Sample : 5 TRPH STD
Misc :
ALS Vial : 75 Sample Multiplier: 1

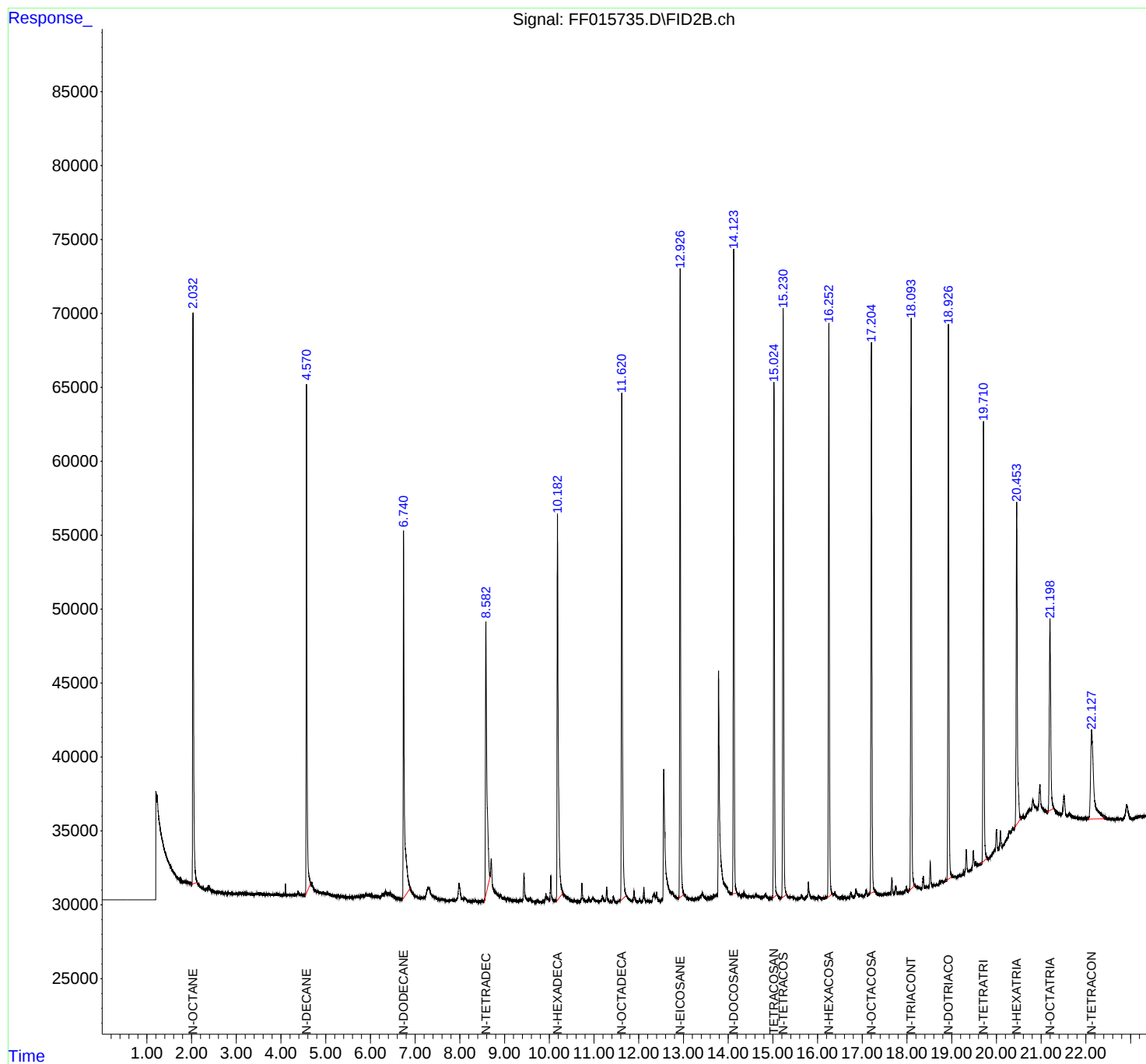
Instrument :
FID_F
ClientSampleId :
5 TRPH STD

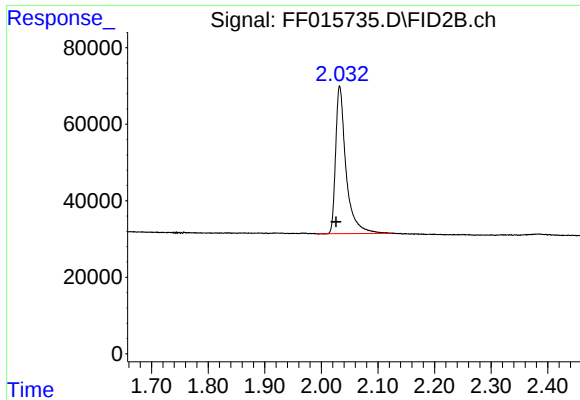
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/27/2025
Supervised By :mohammad ahmed 03/28/2025

Integration File: autoint1.e
Quant Time: Mar 26 13:01:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF032625.M
Quant Title :
QLast Update : Wed Mar 26 12:54:04 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





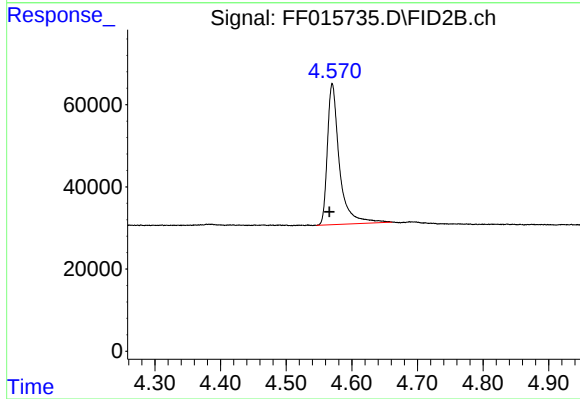
#1 N-OCTANE

R.T.: 2.033 min
Delta R.T.: 0.007 min
Response: 490750
Conc: 4.24 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD

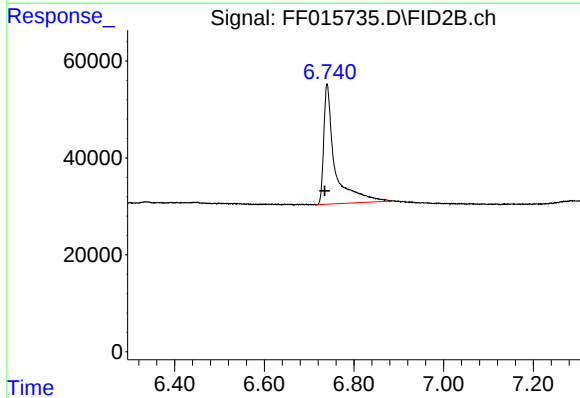
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/27/2025
Supervised By :mohammad ahmed 03/28/2025



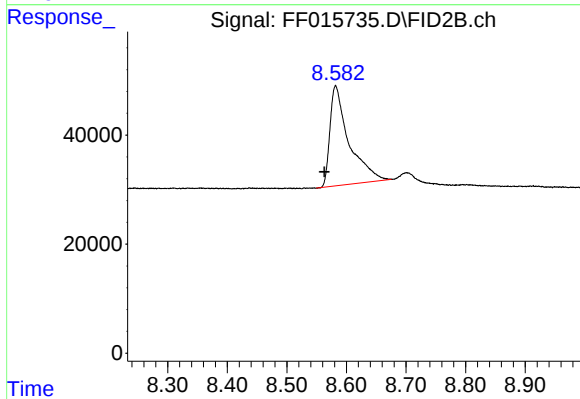
#2 N-DECANE

R.T.: 4.570 min
Delta R.T.: 0.004 min
Response: 437559
Conc: 3.79 ug/ml



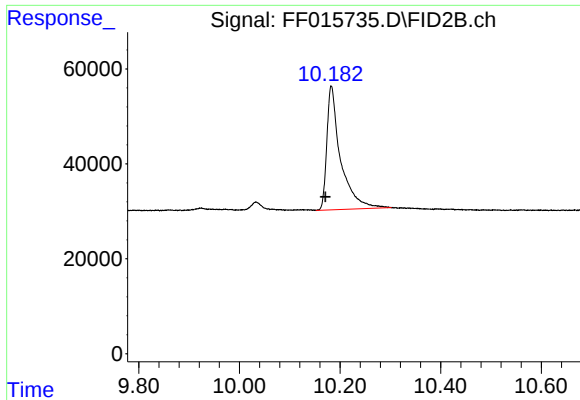
#3 N-DODECANE

R.T.: 6.740 min
Delta R.T.: 0.005 min
Response: 429396
Conc: 3.64 ug/ml



#4 N-TETRADECANE

R.T.: 8.582 min
Delta R.T.: 0.019 min
Response: 405542
Conc: 3.41 ug/ml



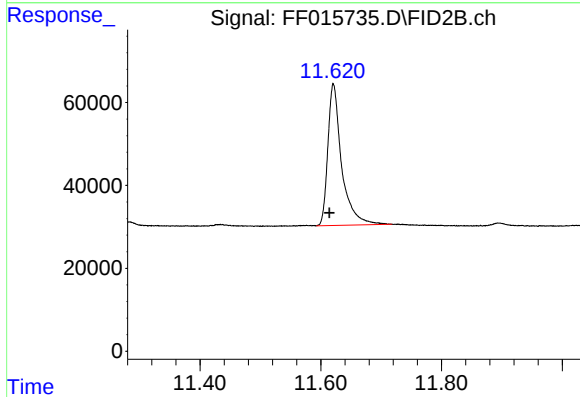
#5 N-HEXADECANE

R.T.: 10.183 min
Delta R.T.: 0.012 min
Response: 494294
Conc: 4.07 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD

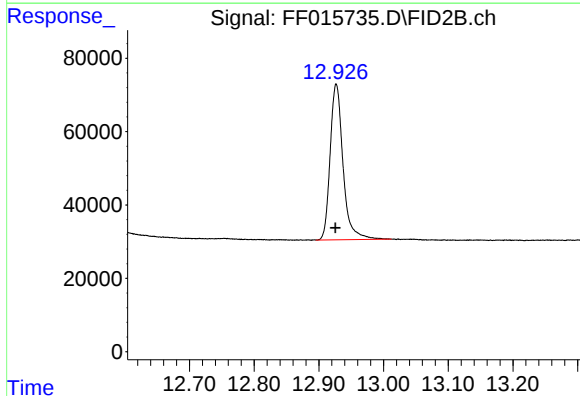
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/27/2025
Supervised By :mohammad ahmed 03/28/2025



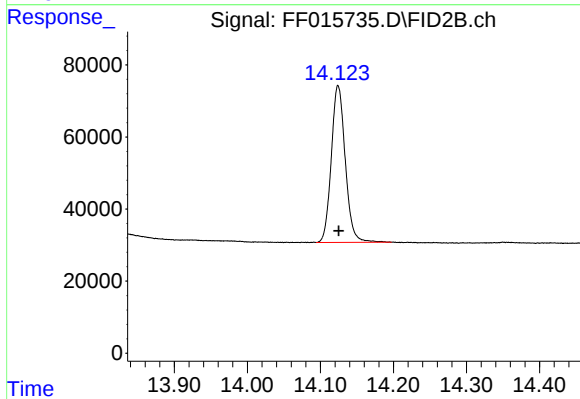
#6 N-OCTADECANE

R.T.: 11.621 min
Delta R.T.: 0.006 min
Response: 540901
Conc: 4.30 ug/ml



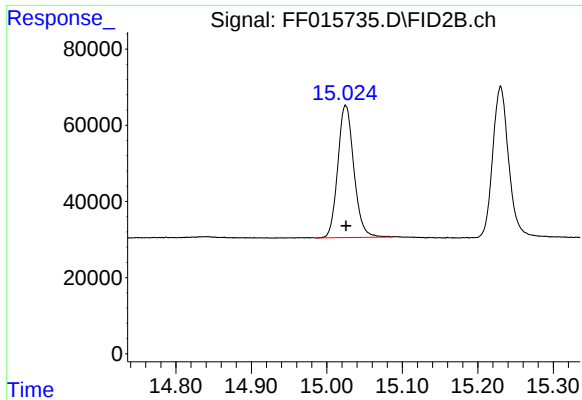
#7 N-EICOSANE

R.T.: 12.927 min
Delta R.T.: 0.001 min
Response: 587297
Conc: 4.54 ug/ml



#8 N-DOCOSANE

R.T.: 14.124 min
Delta R.T.: 0.000 min
Response: 577980
Conc: 4.58 ug/ml



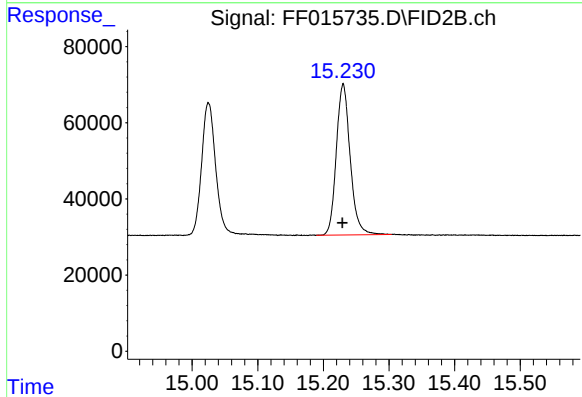
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.025 min
Delta R.T.: 0.000 min
Response: 512482
Conc: 4.60 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD

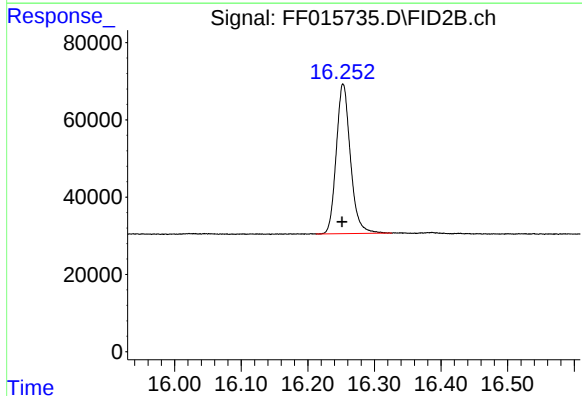
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/27/2025
Supervised By :mohammad ahmed 03/28/2025



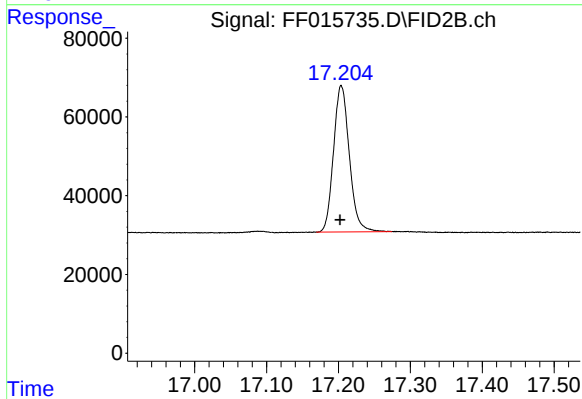
#10 N-TETRACOSANE

R.T.: 15.230 min
Delta R.T.: 0.001 min
Response: 582073
Conc: 4.61 ug/ml



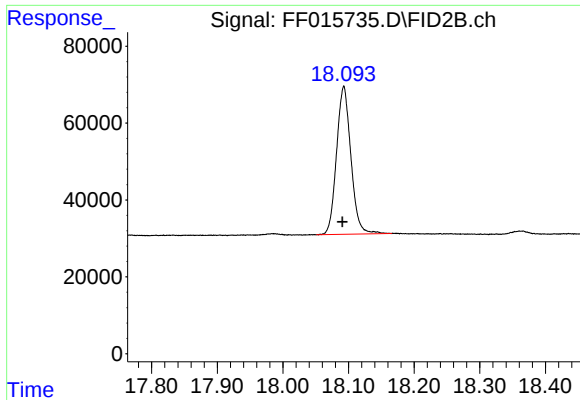
#11 N-HEXACOSANE

R.T.: 16.253 min
Delta R.T.: 0.002 min
Response: 571230
Conc: 4.55 ug/ml



#12 N-OCTACOSANE

R.T.: 17.204 min
Delta R.T.: 0.002 min
Response: 567794
Conc: 4.57 ug/ml



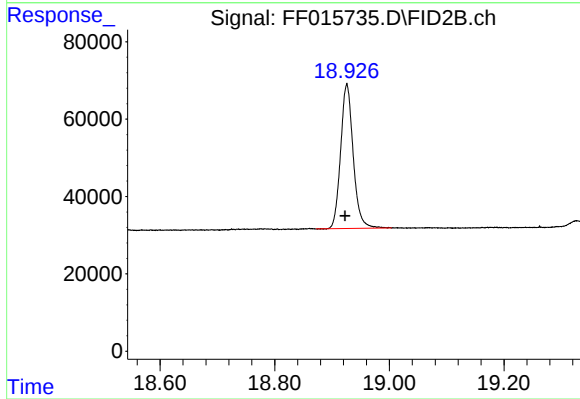
#13 N-TRIACONTANE

R.T.: 18.093 min
Delta R.T.: 0.002 min
Response: 584488
Conc: 4.67 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD

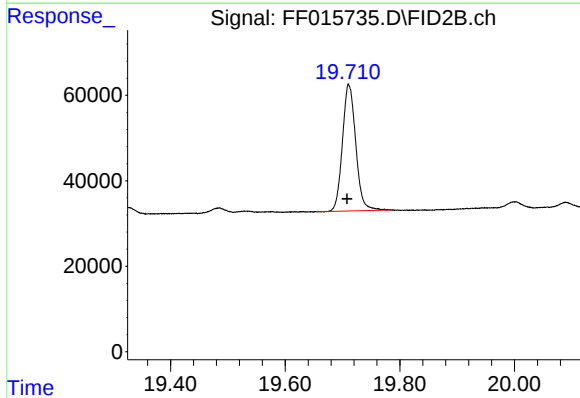
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/27/2025
Supervised By :mohammad ahmed 03/28/2025



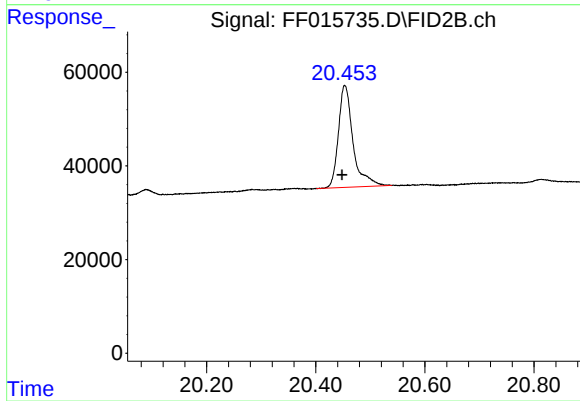
#14 N-DOTRIACONTANE

R.T.: 18.926 min
Delta R.T.: 0.003 min
Response: 567632
Conc: 4.76 ug/ml



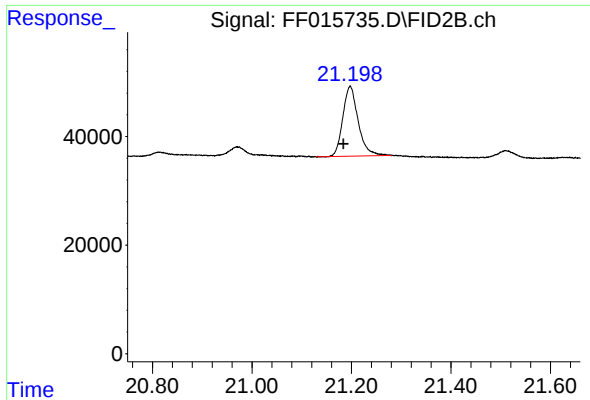
#15 N-TETRATRIACONTANE

R.T.: 19.711 min
Delta R.T.: 0.003 min
Response: 478325
Conc: 4.50 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.453 min
Delta R.T.: 0.005 min
Response: 405037
Conc: 4.54 ug/ml



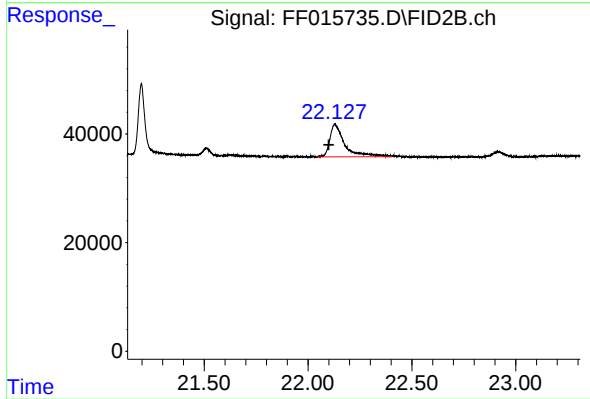
#17 N-OCTATRIACONTANE

R.T.: 21.197 min
Delta R.T.: 0.013 min
Response: 276360
Conc: 3.71 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/27/2025
Supervised By :mohammad ahmed 03/28/2025



#18 N-TETRACONTANE

R.T.: 22.127 min
Delta R.T.: 0.027 min
Response: 300117
Conc: 4.87 ug/ml m

Instrument :

FID_F

LabSampleId :

5 TRPH STD

nteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF

Data File : FF015735.D

Signal(s) : FID2B.ch

Acq On : 26 Mar 2025 12:52

Sample : 5 TRPH STD

Misc :

ALS Vial : 75 Sample Multiplier: 1

Reviewed By :Yogesh Patel 03/27/2025

Supervised By :mohammad ahmed 03/28/2025

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF032625.M

Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.033	1.991	2.124	BB	38585	490750	83.56%	5.617%
2	4.570	4.546	4.661	BB	34306	437559	74.50%	5.008%
3	6.740	6.716	6.884	BB	24788	429396	73.11%	4.915%
4	8.582	8.549	8.676	BV	18408	405542	69.05%	4.642%
5	10.183	10.152	10.302	BB	26134	494294	84.16%	5.658%
6	11.621	11.592	11.717	BB	34216	540901	92.10%	6.191%
7	12.927	12.896	13.012	BB	42454	587297	100.00%	6.722%
8	14.124	14.094	14.197	BB	43599	577980	98.41%	6.616%
9	15.025	14.986	15.086	BB	34614	512482	87.26%	5.866%
10	15.230	15.189	15.304	BB	39801	582073	99.11%	6.662%
11	16.253	16.212	16.326	BB	38787	571230	97.26%	6.538%
12	17.204	17.169	17.274	BB	37172	567794	96.68%	6.499%
13	18.093	18.051	18.166	BB	38490	584488	99.52%	6.690%
14	18.926	18.872	19.004	BB	37362	567632	96.65%	6.497%
15	19.711	19.654	19.786	BB	29615	478325	81.45%	5.475%
16	20.453	20.401	20.539	BB	21803	405037	68.97%	4.636%
17	21.197	21.129	21.281	BB	12941	276360	47.06%	3.163%
18	22.128	22.049	22.239	BB	5781	227601	38.75%	2.605%
Sum of corrected areas:							8736742	

FF032625.M Wed Mar 26 17:37:21 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032625\
 Data File : FF015736.D
 Signal(s) : FID2B.ch
 Acq On : 26 Mar 2025 13:21
 Operator : YP\AJ
 Sample : FF032625ICV
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 FF032625ICV

Integration File: autoint1.e
 Quant Time: Mar 26 15:00:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF032625.M
 Quant Title :
 QLast Update : Wed Mar 26 13:03:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.024	5554792	50.691 ug/ml
Target Compounds			
1) N-OCTANE	2.026	5831586	51.927 ug/ml
2) N-DECANE	4.566	5885500	53.537 ug/ml
3) N-DODECANE	6.735	6003264	53.771 ug/ml
4) N-TETRADECANE	8.563	6068108	54.432 ug/ml
5) N-HEXADECANE	10.171	6142517	52.486 ug/ml
6) N-OCTADECANE	11.615	6314840	51.652 ug/ml
7) N-EICOSANE	12.926	6437199	50.679 ug/ml
8) N-DOCOSANE	14.124	6280184	50.640 ug/ml
10) N-TETRACOSANE	15.229	6299707	50.671 ug/ml
11) N-HEXACOSANE	16.251	6277775	50.893 ug/ml
12) N-OCTACOSANE	17.202	6202845	50.783 ug/ml
13) N-TRIACONTANE	18.091	6229194	50.448 ug/ml
14) N-DOTRIACONTANE	18.924	5900810	49.933 ug/ml
15) N-TETRATRIACONTANE	19.707	5166557	49.593 ug/ml
16) N-HEXATRIACONTANE	20.447	4258110	48.634 ug/ml
17) N-OCTATRIACONTANE	21.184	3470905	49.142 ug/ml
18) N-TETRACONTANE	22.101	2828036	46.094 ug/ml

(f)=RT Delta > 1/2 Window

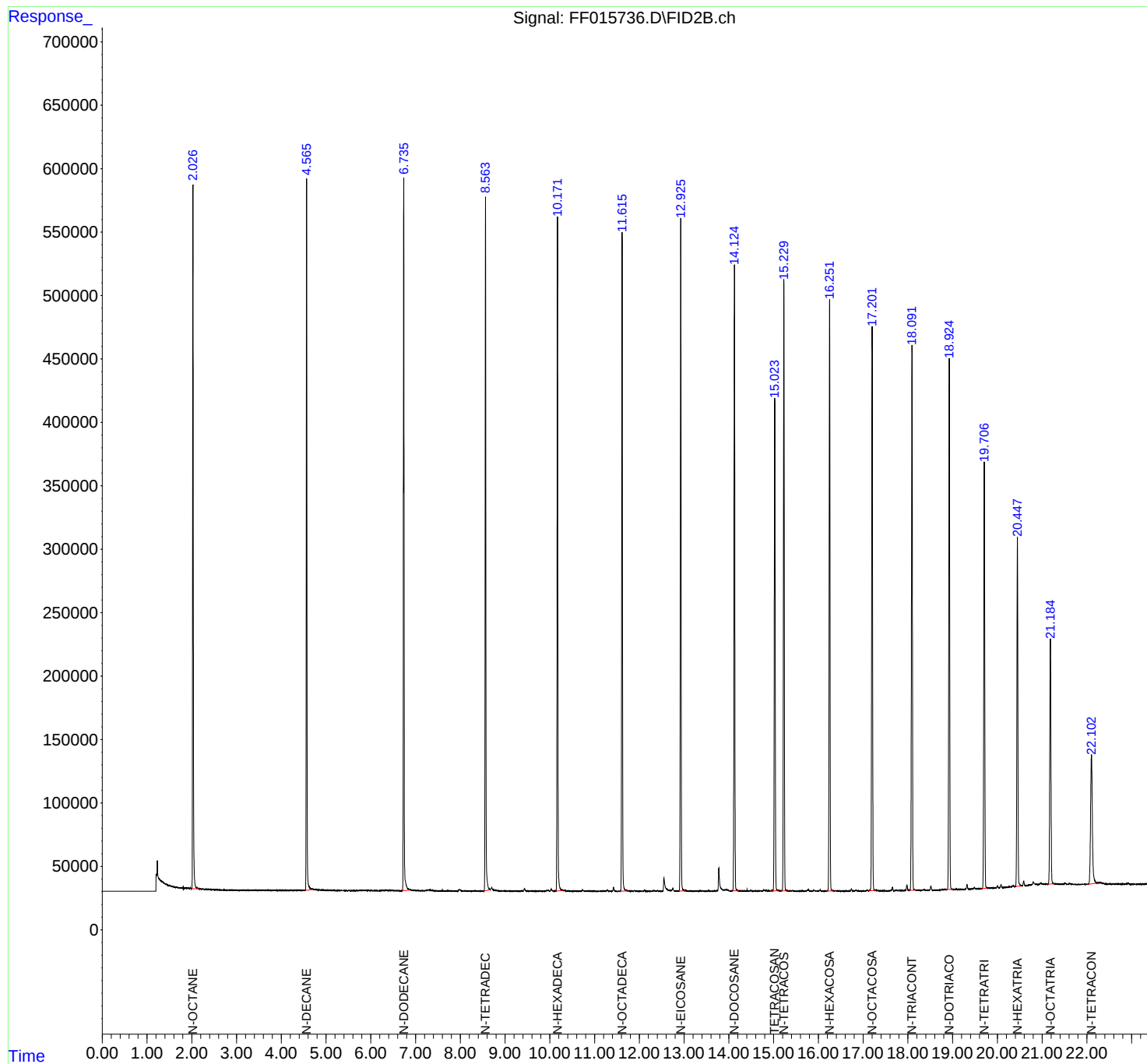
(m)=manual int.

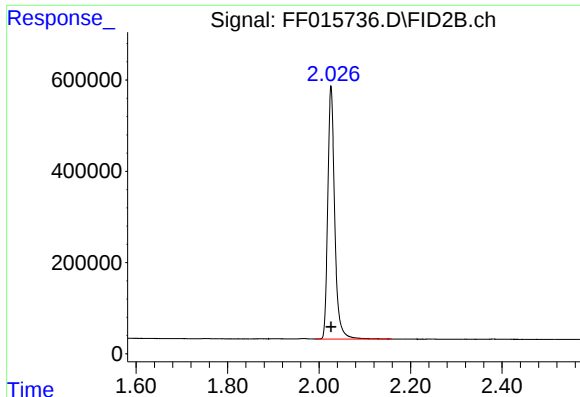
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032625\
Data File : FF015736.D
Signal(s) : FID2B.ch
Acq On : 26 Mar 2025 13:21
Operator : YP\AJ
Sample : FF032625ICV
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
FF032625ICV

Integration File: autoint1.e
Quant Time: Mar 26 15:00:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF032625.M
Quant Title :
QLast Update : Wed Mar 26 13:03:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

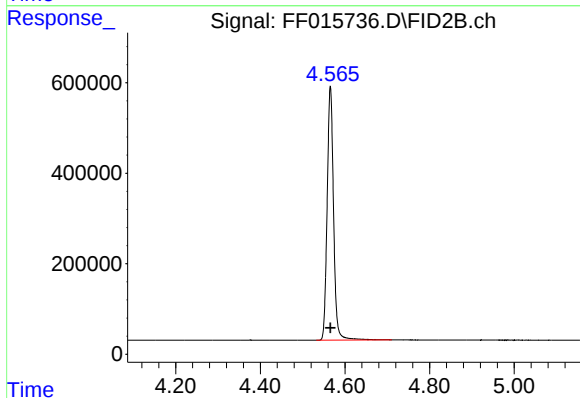




#1 N-OCTANE

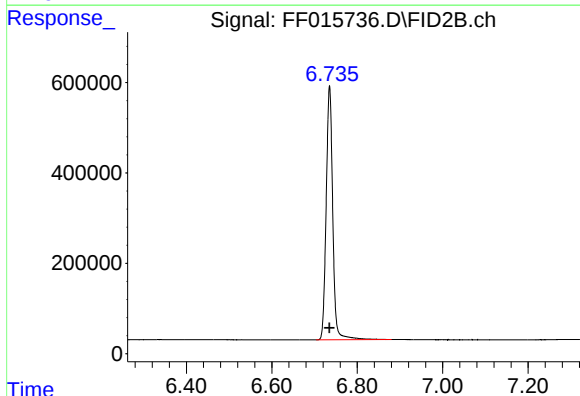
R.T.: 2.026 min
Delta R.T.: 0.000 min
Response: 5831586
Conc: 51.93 ug/ml

Instrument :
FID_F
ClientSampleId :
FF032625ICV



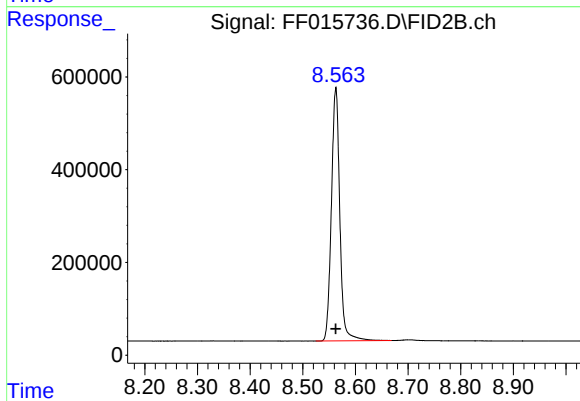
#2 N-DECANE

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 5885500
Conc: 53.54 ug/ml



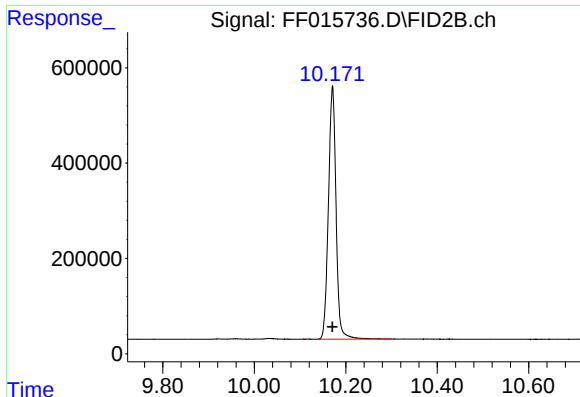
#3 N-DODECANE

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 6003264
Conc: 53.77 ug/ml



#4 N-TETRADECANE

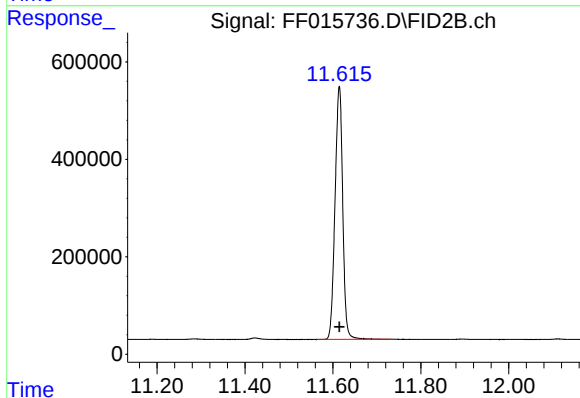
R.T.: 8.563 min
Delta R.T.: 0.000 min
Response: 6068108
Conc: 54.43 ug/ml



#5 N-HEXADECANE

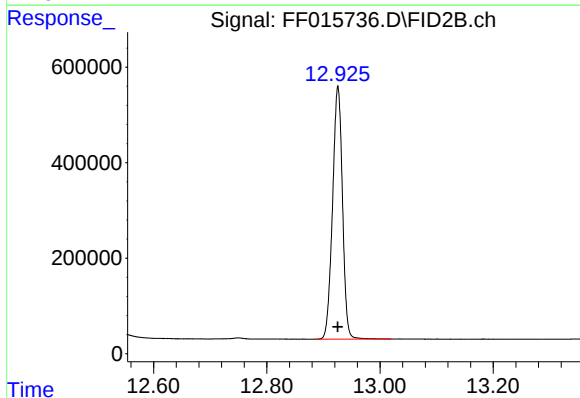
R.T.: 10.171 min
Delta R.T.: 0.000 min
Response: 6142517
Conc: 52.49 ug/ml

Instrument :
FID_F
ClientSampleId :
FF032625ICV



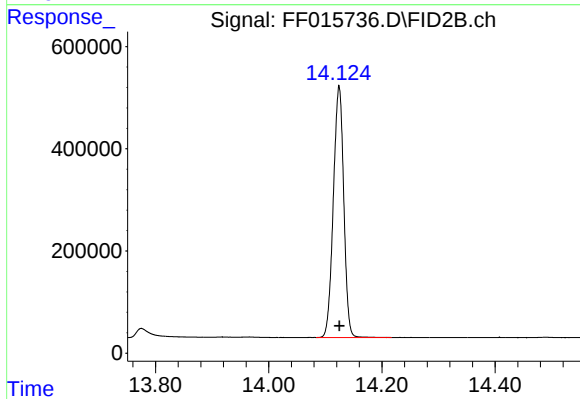
#6 N-OCTADECANE

R.T.: 11.615 min
Delta R.T.: 0.000 min
Response: 6314840
Conc: 51.65 ug/ml



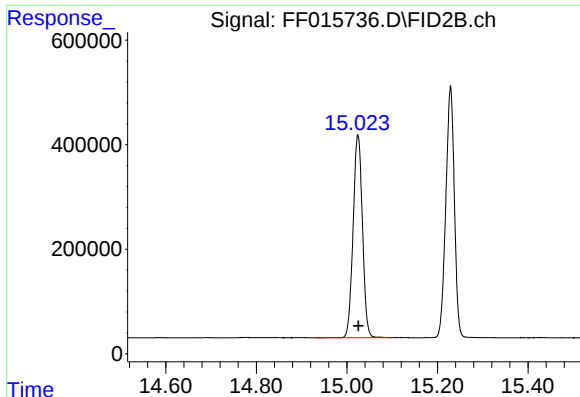
#7 N-EICOSANE

R.T.: 12.926 min
Delta R.T.: 0.000 min
Response: 6437199
Conc: 50.68 ug/ml



#8 N-DOCOSANE

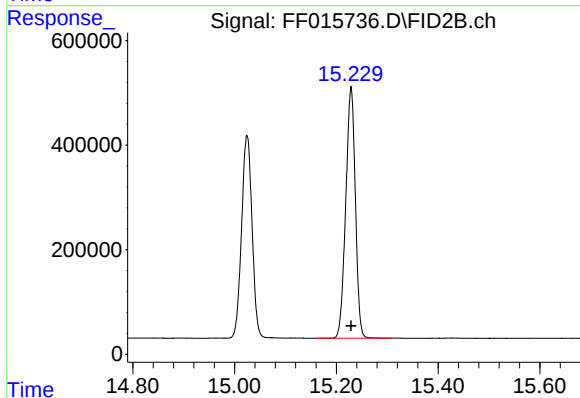
R.T.: 14.124 min
Delta R.T.: 0.000 min
Response: 6280184
Conc: 50.64 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

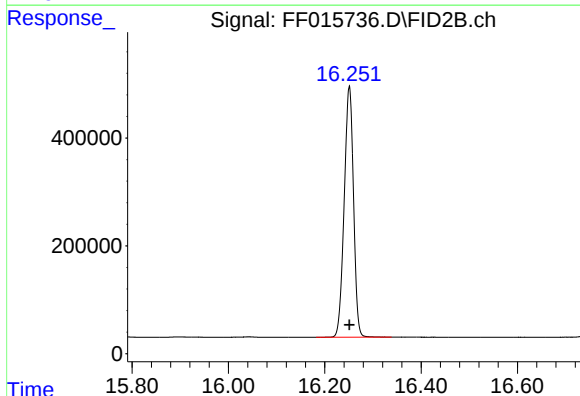
R.T.: 15.024 min
Delta R.T.: -0.001 min
Response: 5554792
Conc: 50.69 ug/ml

Instrument :
FID_F
ClientSampleId :
FF032625ICV



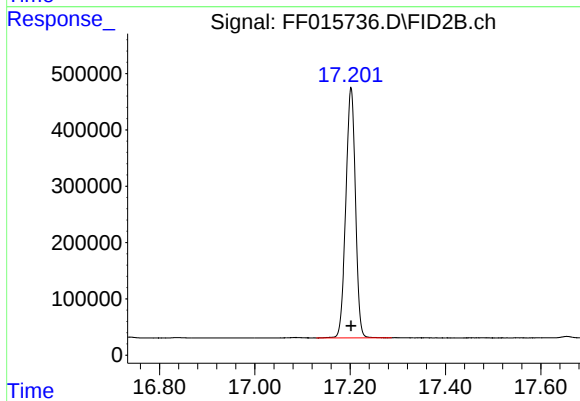
#10 N-TETRACOSANE

R.T.: 15.229 min
Delta R.T.: 0.000 min
Response: 6299707
Conc: 50.67 ug/ml



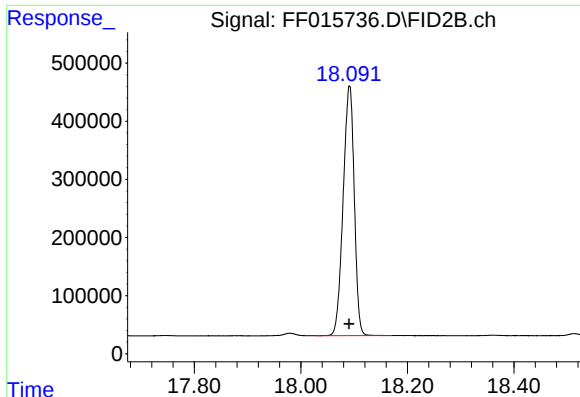
#11 N-HEXACOSANE

R.T.: 16.251 min
Delta R.T.: 0.000 min
Response: 6277775
Conc: 50.89 ug/ml



#12 N-OCTACOSANE

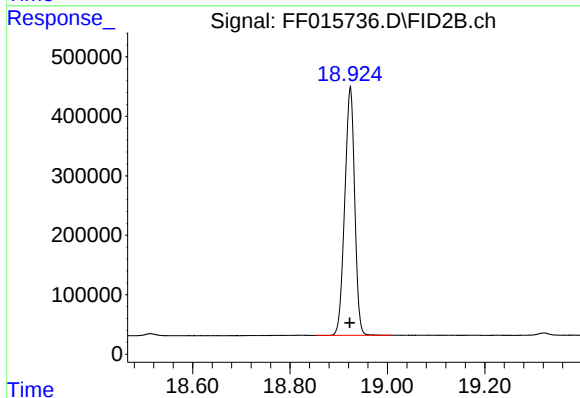
R.T.: 17.202 min
Delta R.T.: 0.000 min
Response: 6202845
Conc: 50.78 ug/ml



#13 N-TRIACONTANE

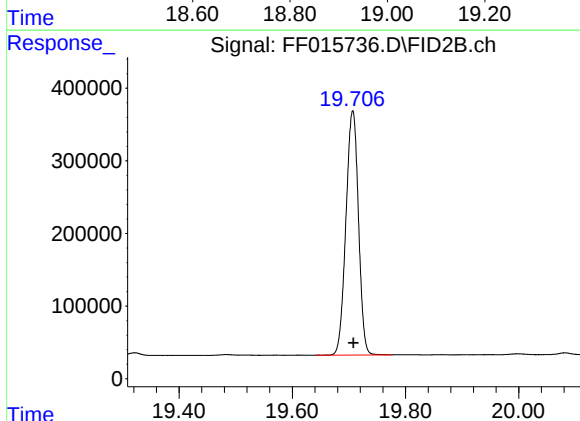
R.T.: 18.091 min
Delta R.T.: 0.000 min
Response: 6229194
Conc: 50.45 ug/ml

Instrument :
FID_F
ClientSampleId :
FF032625ICV



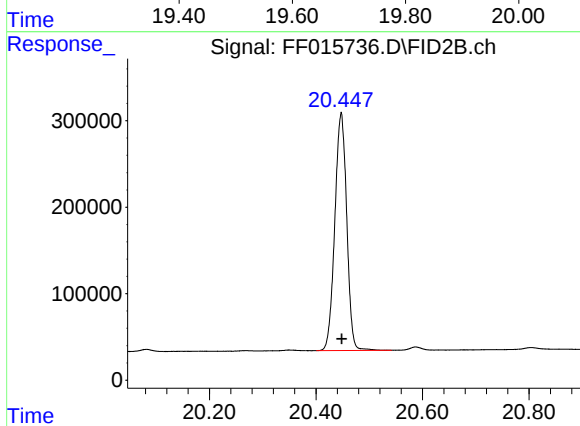
#14 N-DOTRIACONTANE

R.T.: 18.924 min
Delta R.T.: 0.000 min
Response: 5900810
Conc: 49.93 ug/ml



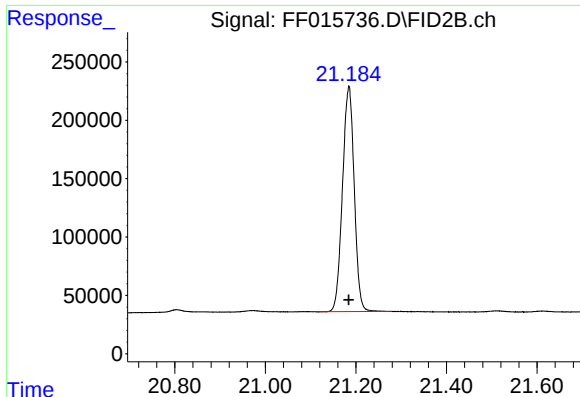
#15 N-TETRATRIACONTANE

R.T.: 19.707 min
Delta R.T.: -0.002 min
Response: 5166557
Conc: 49.59 ug/ml



#16 N-HEXATRIACONTANE

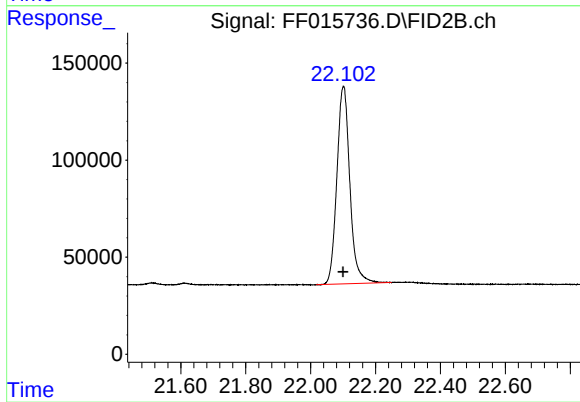
R.T.: 20.447 min
Delta R.T.: -0.001 min
Response: 4258110
Conc: 48.63 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.184 min
Delta R.T.: 0.000 min
Response: 3470905
Conc: 49.14 ug/ml

Instrument :
FID_F
ClientSampleId :
FF032625ICV



#18 N-TETRACONTANE

R.T.: 22.101 min
Delta R.T.: 0.001 min
Response: 2828036
Conc: 46.09 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032625\
Data File : FF015736.D
Signal(s) : FID2B.ch
Acq On : 26 Mar 2025 13:21
Sample : FF032625ICV
Misc :
ALS Vial : 76 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF032625.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.026	1.994	2.159	BB	554012	5831586	90.59%	5.765%
2	4.566	4.532	4.710	BB	560884	5885500	91.43%	5.818%
3	6.735	6.704	6.880	BB	561237	6003264	93.26%	5.935%
4	8.563	8.525	8.669	BV	548947	6068108	94.27%	5.999%
5	10.171	10.135	10.300	BB	529453	6142517	95.42%	6.073%
6	11.615	11.562	11.734	BB	520438	6314840	98.10%	6.243%
7	12.926	12.887	13.020	BB	529617	6437199	100.00%	6.364%
8	14.124	14.084	14.217	BB	492585	6280184	97.56%	6.209%
9	15.024	14.932	15.099	BB	389229	5554792	86.29%	5.492%
10	15.229	15.160	15.309	BB	481014	6299707	97.86%	6.228%
11	16.251	16.182	16.339	BB	464775	6277775	97.52%	6.206%
12	17.202	17.129	17.287	BB	444716	6202845	96.36%	6.132%
13	18.091	18.029	18.170	BB	431553	6229194	96.77%	6.158%
14	18.924	18.854	19.009	BB	417929	5900810	91.67%	5.834%
15	19.707	19.642	19.775	BB	336949	5166557	80.26%	5.108%
16	20.447	20.400	20.542	BB	275251	4258110	66.15%	4.210%
17	21.184	21.112	21.279	BB	192818	3470905	53.92%	3.431%
18	22.101	22.017	22.250	BBA	101736	2828036	43.93%	2.796%

Sum of corrected areas: 101151929

FF032625.M Wed Mar 26 17:36:36 2025