

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100825AL\
 Data File : FF016552.D
 Signal(s) : FID2B.ch
 Acq On : 08 Oct 2025 10:17
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 09 02:52:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 05:49:41 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)	11.973	2858972	19.767 ug/ml
Spiked Amount 50.000		Recovery =	39.53%
12) S 1-chlorooctadecane (S...	13.414	2198945	19.714 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
Target Compounds			
1) T n-Nonane (C9)	3.324	2366365	20.240 ug/ml
2) T n-Decane (C10)	4.585	2420389	20.434 ug/ml
3) T A~Naphthalene (C11.7)	6.297	2602971	19.930 ug/ml
4) T n-Dodecane (C12)	6.763	2450861	20.418 ug/ml
5) T A~2-methylnaphthalene...	7.397	2511102	19.723 ug/ml
6) T n-Tetradecane (C14)	8.597	2444085	20.283 ug/ml
7) T n-Hexadecane (C16)	10.207	2570142	20.580 ug/ml
8) T n-Octadecane (C18)	11.654	2628634	20.293 ug/ml
10) T n-Eicosane (C20)	12.968	2559501	20.016 ug/ml
11) T n-Heneicosane (C21)	13.582	2504737	19.728 ug/ml
13) T n-Docosane (C22)	14.170	2534377	19.961 ug/ml
14) T n-Tetracosane (C24)	15.277	2618042	20.467 ug/ml
15) T n-Hexacosane (C26)	16.301	2560668	20.484 ug/ml
16) T n-Octacosane (C28)	17.256	2577212	21.034 ug/ml
17) T n-Tricontane (C30)	18.147	2776245	22.292 ug/ml
18) T n-Dotriacontane (C32)	18.983	2862050	23.746 ug/ml
19) T n-Tetratriacontane (C34)	19.771	2544736	23.336 ug/ml
20) T n-Hexatriacontane (C36)	20.514	2175597	23.310 ug/ml
21) T n-Octatriacontane (C38)	21.275	1917791	22.804 ug/ml
22) T n-Tetracontane (C40)	22.226	1737229	22.128 ug/ml

(f)=RT Delta > 1/2 Window

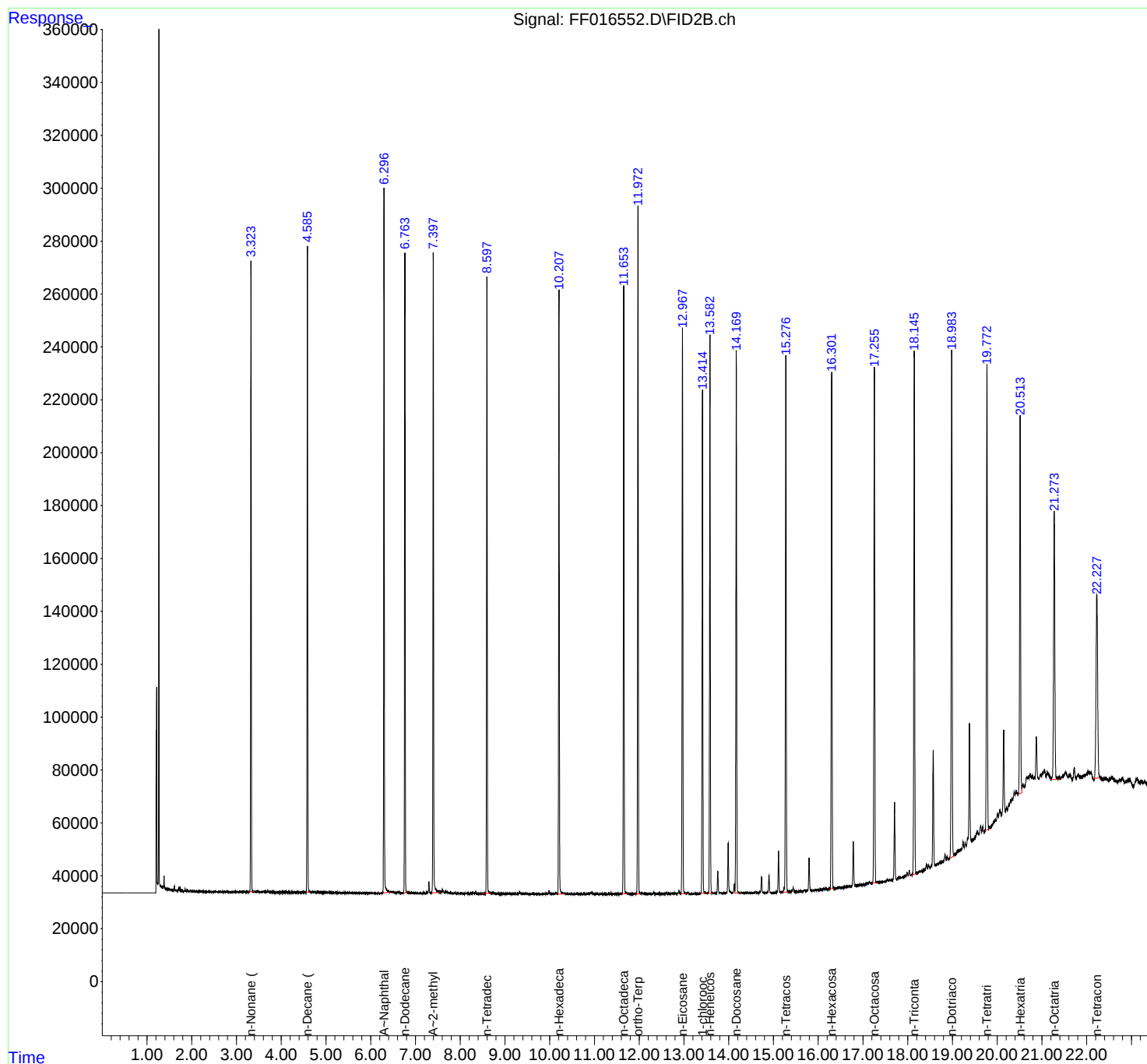
(m)=manual int.

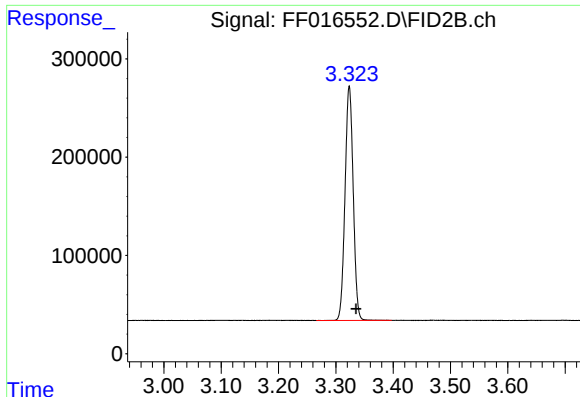
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100825AL\
Data File : FF016552.D
Signal(s) : FID2B.ch
Acq On : 08 Oct 2025 10:17
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Oct 09 02:52:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100225.M
Quant Title : GC Extractables
QLast Update : Fri Oct 03 05:49:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

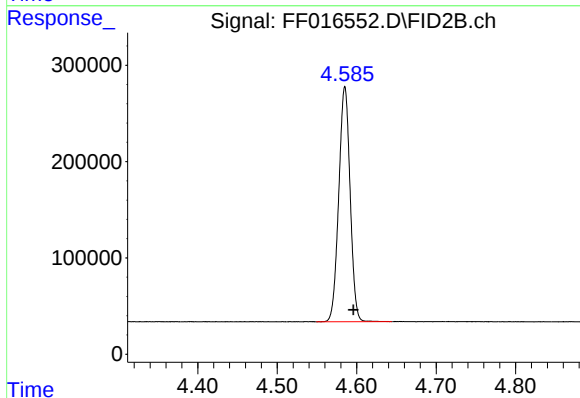




#1 n-Nonane (C9)

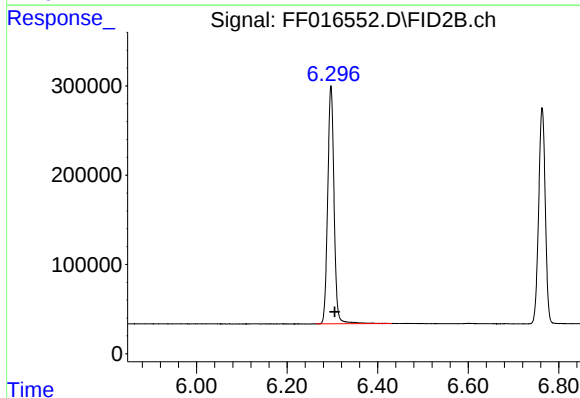
R.T.: 3.324 min
Delta R.T.: -0.011 min
Response: 2366365
Conc: 20.24 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



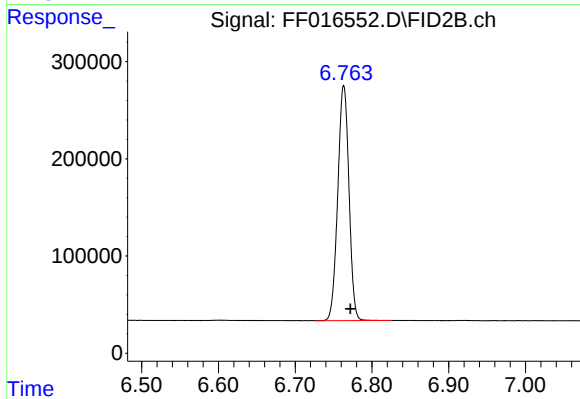
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: -0.011 min
Response: 2420389
Conc: 20.43 ug/ml



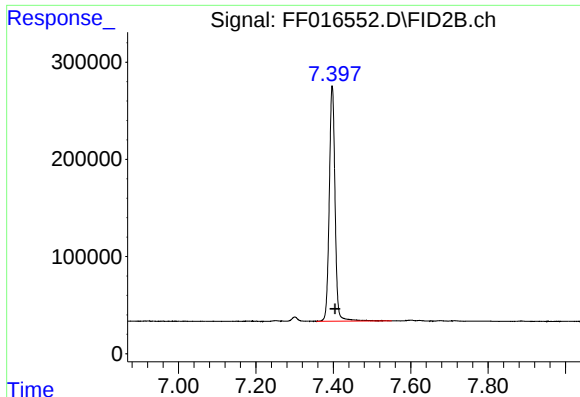
#3 A~Naphthalene (C11.7)

R.T.: 6.297 min
Delta R.T.: -0.008 min
Response: 2602971
Conc: 19.93 ug/ml



#4 n-Dodecane (C12)

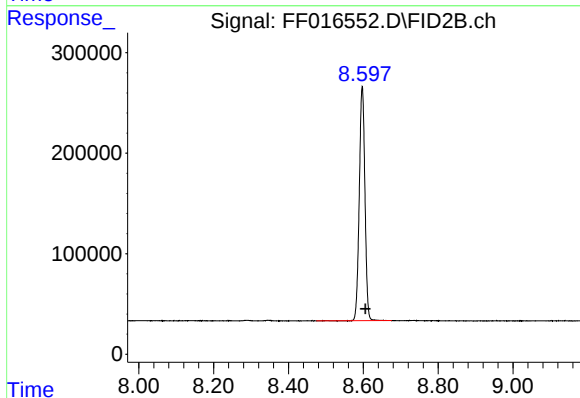
R.T.: 6.763 min
Delta R.T.: -0.009 min
Response: 2450861
Conc: 20.42 ug/ml



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

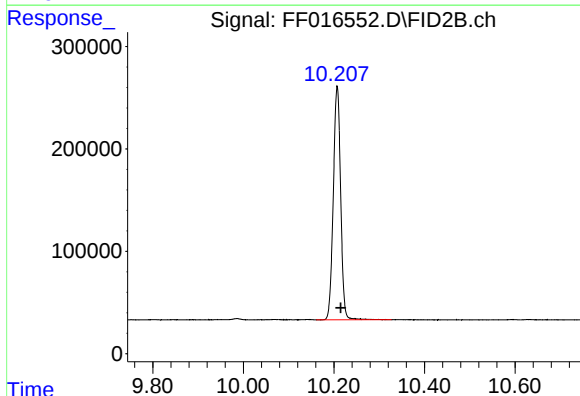
R.T.: 7.397 min
Delta R.T.: -0.008 min
Response: 2511102
Conc: 19.72 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



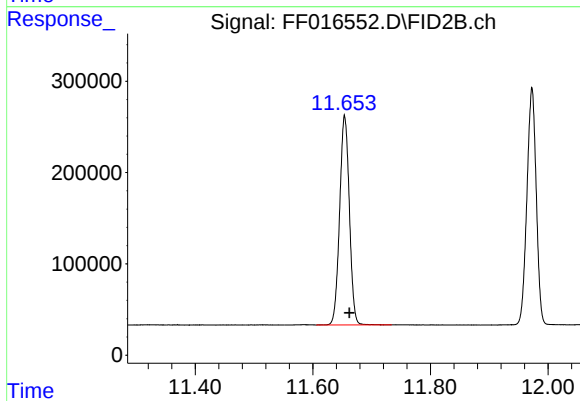
#6 n-Tetradecane (C14)

R.T.: 8.597 min
Delta R.T.: -0.009 min
Response: 2444085
Conc: 20.28 ug/ml



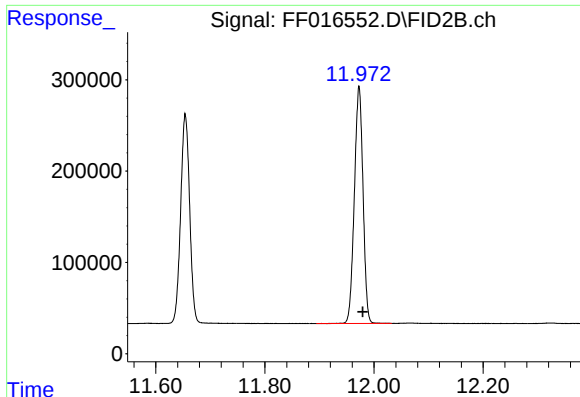
#7 n-Hexadecane (C16)

R.T.: 10.207 min
Delta R.T.: -0.008 min
Response: 2570142
Conc: 20.58 ug/ml



#8 n-Octadecane (C18)

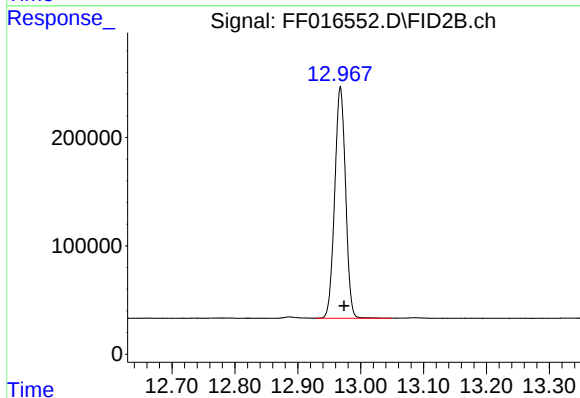
R.T.: 11.654 min
Delta R.T.: -0.008 min
Response: 2628634
Conc: 20.29 ug/ml



#9 ortho-Terphenyl (SURR)

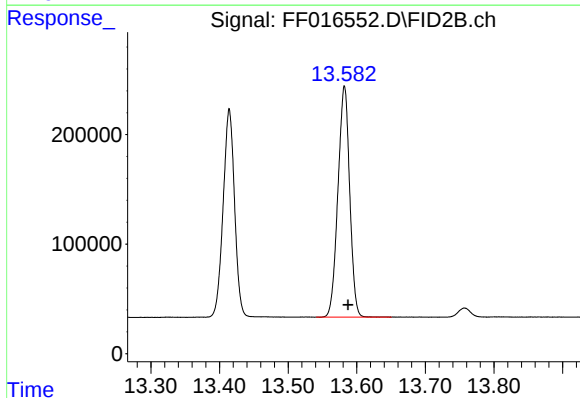
R.T.: 11.973 min
Delta R.T.: -0.007 min
Response: 2858972
Conc: 19.77 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



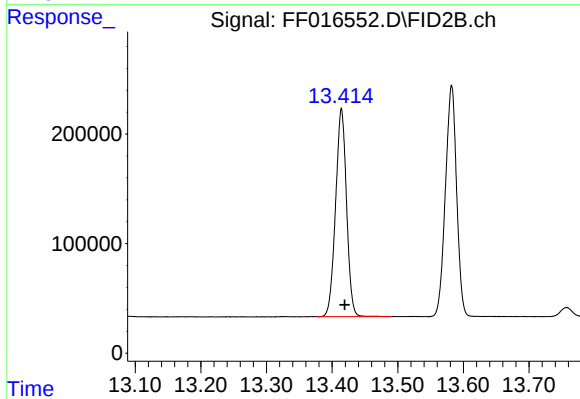
#10 n-Eicosane (C20)

R.T.: 12.968 min
Delta R.T.: -0.006 min
Response: 2559501
Conc: 20.02 ug/ml



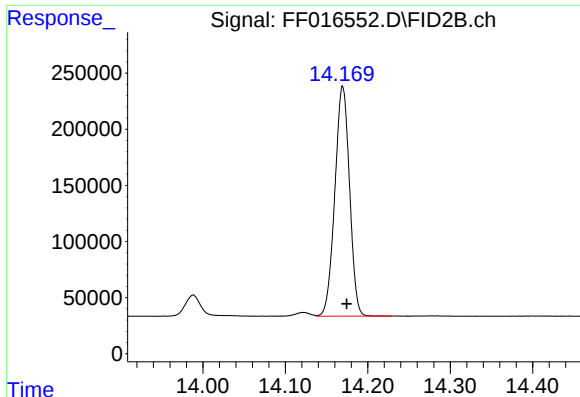
#11 n-Heneicosane (C21)

R.T.: 13.582 min
Delta R.T.: -0.005 min
Response: 2504737
Conc: 19.73 ug/ml



#12 1-chlorooctadecane (SURR)

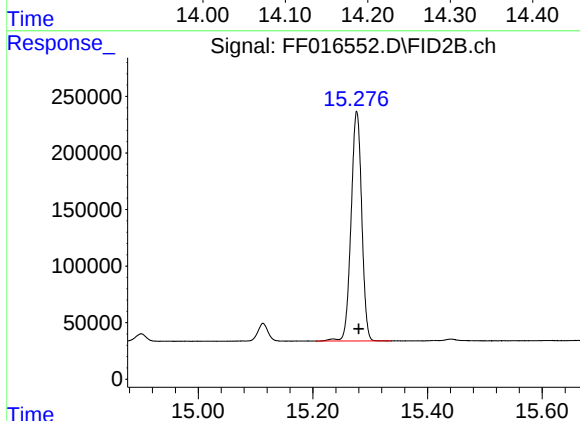
R.T.: 13.414 min
Delta R.T.: -0.005 min
Response: 2198945
Conc: 19.71 ug/ml



#13 n-Docosane (C22)

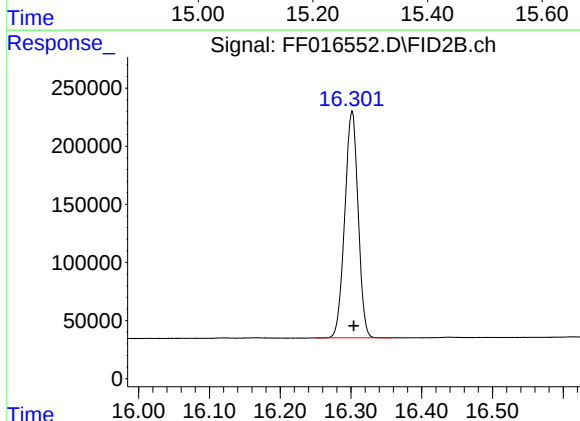
R.T.: 14.170 min
Delta R.T.: -0.005 min
Response: 2534377
Conc: 19.96 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



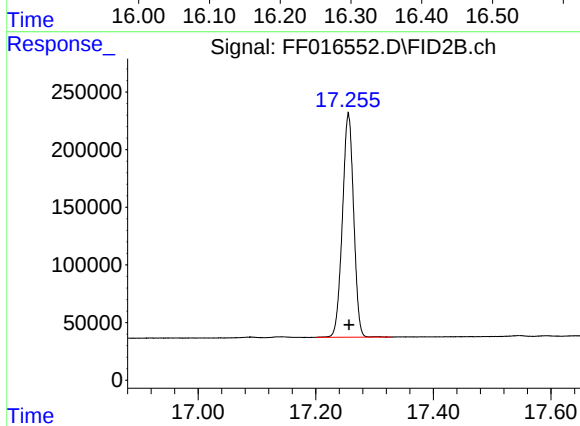
#14 n-Tetracosane (C24)

R.T.: 15.277 min
Delta R.T.: -0.004 min
Response: 2618042
Conc: 20.47 ug/ml



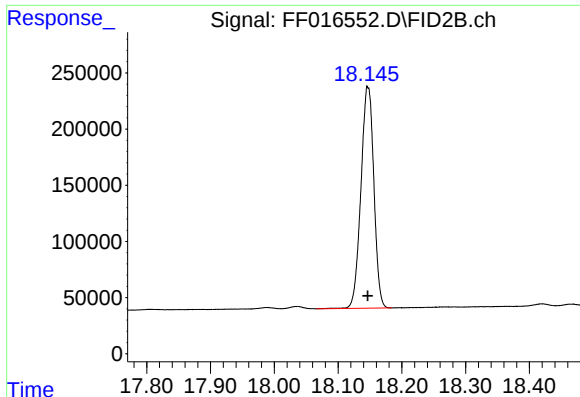
#15 n-Hexacosane (C26)

R.T.: 16.301 min
Delta R.T.: -0.003 min
Response: 2560668
Conc: 20.48 ug/ml



#16 n-Octacosane (C28)

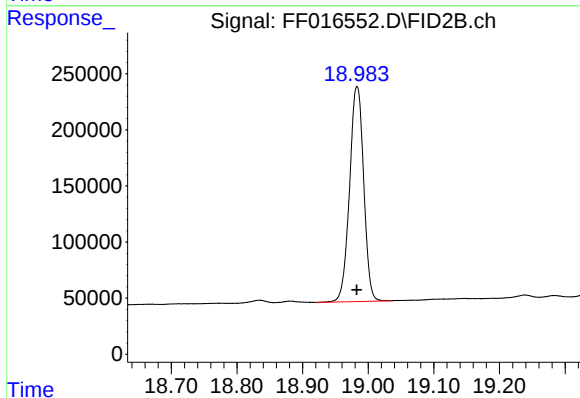
R.T.: 17.256 min
Delta R.T.: 0.000 min
Response: 2577212
Conc: 21.03 ug/ml



#17 n-Tricontane (C30)

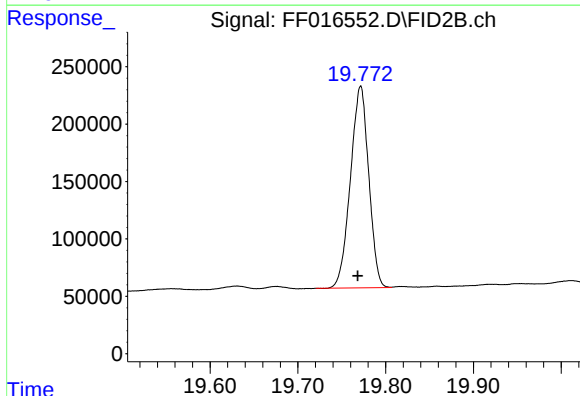
R.T.: 18.147 min
Delta R.T.: 0.000 min
Response: 2776245
Conc: 22.29 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



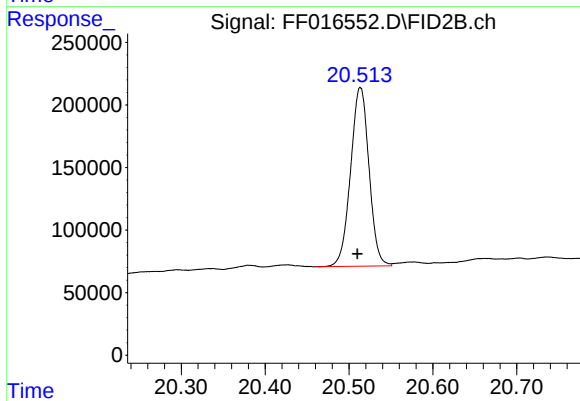
#18 n-Dotriacontane (C32)

R.T.: 18.983 min
Delta R.T.: 0.000 min
Response: 2862050
Conc: 23.75 ug/ml



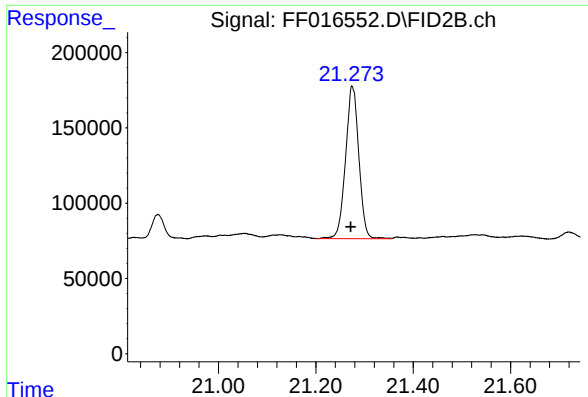
#19 n-Tetratriacontane (C34)

R.T.: 19.771 min
Delta R.T.: 0.003 min
Response: 2544736
Conc: 23.34 ug/ml



#20 n-Hexatriacontane (C36)

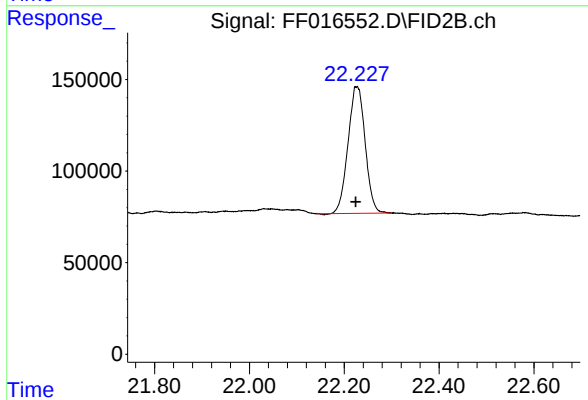
R.T.: 20.514 min
Delta R.T.: 0.003 min
Response: 2175597
Conc: 23.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.275 min
Delta R.T.: 0.003 min
Response: 1917791
Conc: 22.80 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.226 min
Delta R.T.: 0.002 min
Response: 1737229
Conc: 22.13 ug/ml