

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100825AL\
 Data File : FF016549.D
 Signal(s) : FID2B.ch
 Acq On : 08 Oct 2025 08:14
 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 02:50:53 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)	11.972	2728730	18.867 ug/ml
Spiked Amount 50.000		Recovery =	37.73%
12) S 1-chlorooctadecane (S...	13.414	2100378	18.830 ug/ml
Spiked Amount 50.000		Recovery =	37.66%
Target Compounds			
1) T n-Nonane (C9)	3.323	2265004	19.373 ug/ml
2) T n-Decane (C10)	4.585	2316704	19.559 ug/ml
3) T A~Naphthalene (C11.7)	6.297	2488975	19.057 ug/ml
4) T n-Dodecane (C12)	6.763	2343597	19.525 ug/ml
5) T A~2-methylnaphthalene...	7.397	2394280	18.805 ug/ml
6) T n-Tetradecane (C14)	8.598	2343352	19.447 ug/ml
7) T n-Hexadecane (C16)	10.207	2449460	19.613 ug/ml
8) T n-Octadecane (C18)	11.654	2510868	19.384 ug/ml
10) T n-Eicosane (C20)	12.968	2442771	19.104 ug/ml
11) T n-Heneicosane (C21)	13.582	2391932	18.839 ug/ml
13) T n-Docosane (C22)	14.170	2417655	19.042 ug/ml
14) T n-Tetracosane (C24)	15.277	2499125	19.537 ug/ml
15) T n-Hexacosane (C26)	16.302	2445257	19.561 ug/ml
16) T n-Octacosane (C28)	17.255	2454890	20.036 ug/ml
17) T n-Tricontane (C30)	18.147	2637503	21.178 ug/ml
18) T n-Dotriacontane (C32)	18.985	2716084	22.535 ug/ml
19) T n-Tetratriacontane (C34)	19.771	2427943	22.265 ug/ml
20) T n-Hexatriacontane (C36)	20.514	2100333	22.504 ug/ml
21) T n-Octatriacontane (C38)	21.276	1827979	21.736 ug/ml
22) T n-Tetracontane (C40)	22.227	1657587	21.114 ug/ml

(f)=RT Delta > 1/2 Window

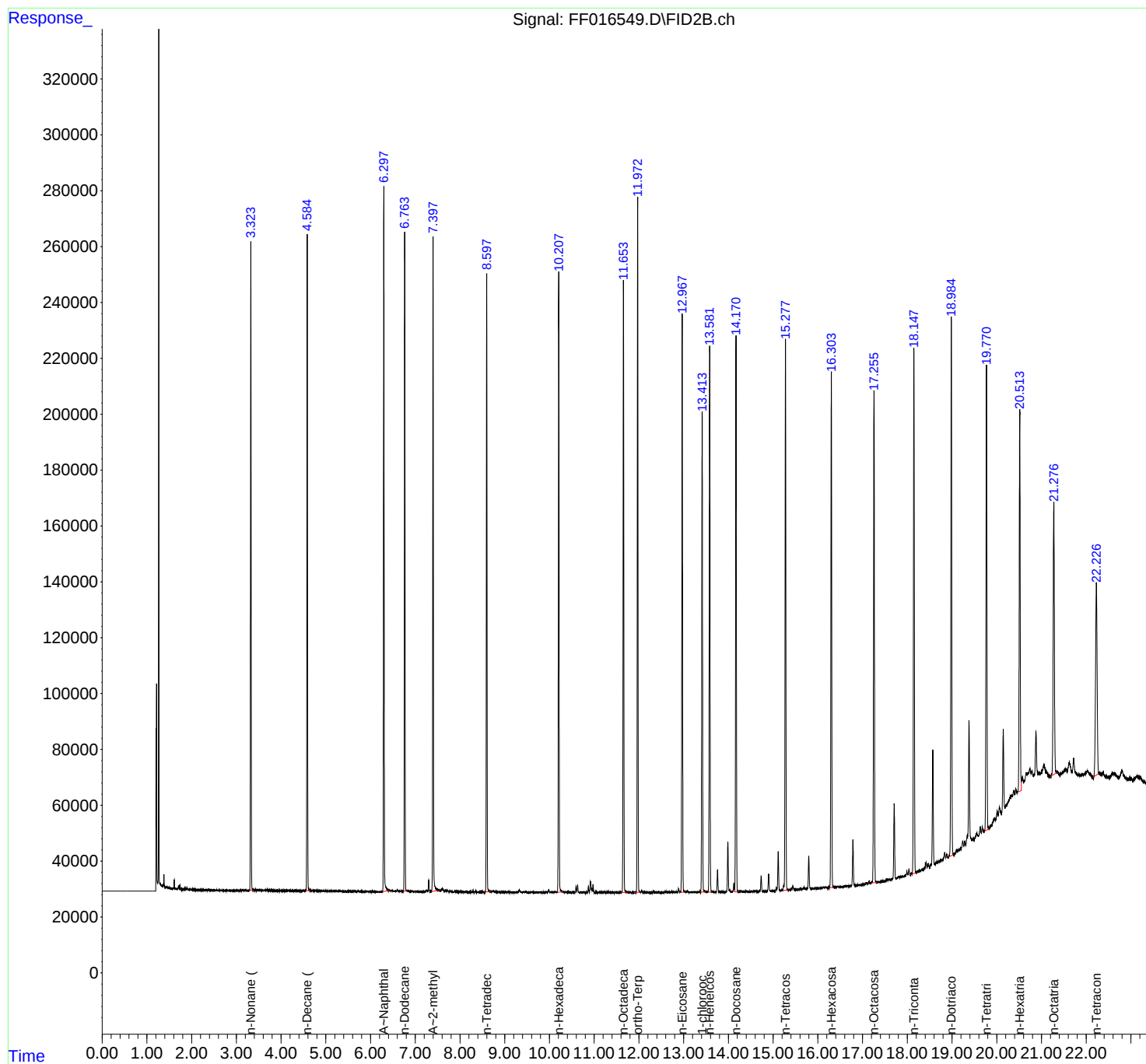
(m)=manual int.

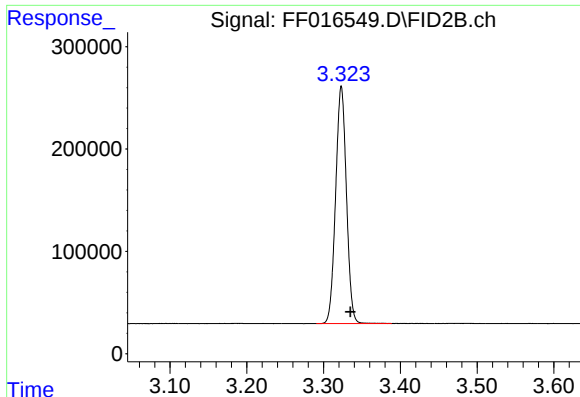
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100825AL\
Data File : FF016549.D
Signal(s) : FID2B.ch
Acq On : 08 Oct 2025 08:14
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Oct 09 02:50:53 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

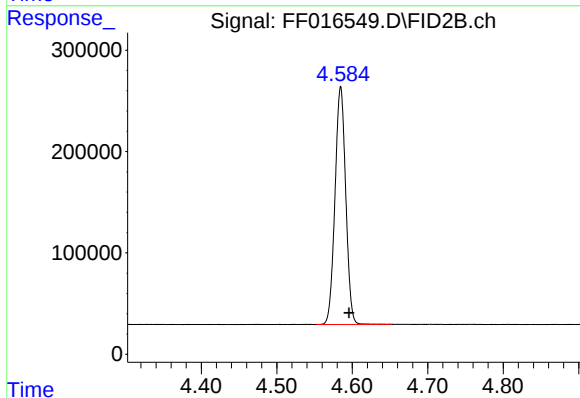




#1 n-Nonane (C9)

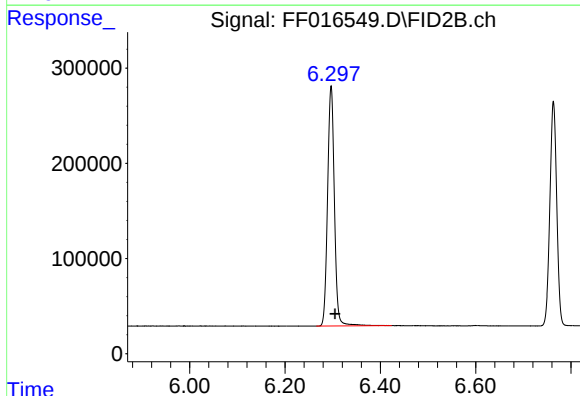
R.T.: 3.323 min
Delta R.T.: -0.012 min
Response: 2265004
Conc: 19.37 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



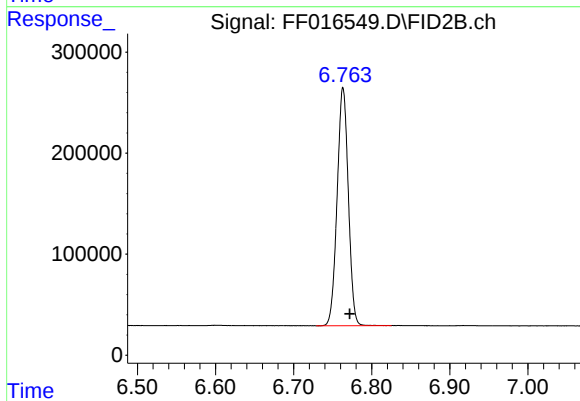
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: -0.011 min
Response: 2316704
Conc: 19.56 ug/ml



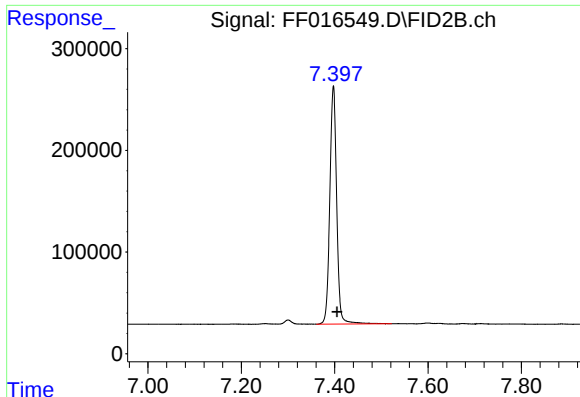
#3 A~Naphthalene (C11.7)

R.T.: 6.297 min
Delta R.T.: -0.008 min
Response: 2488975
Conc: 19.06 ug/ml



#4 n-Dodecane (C12)

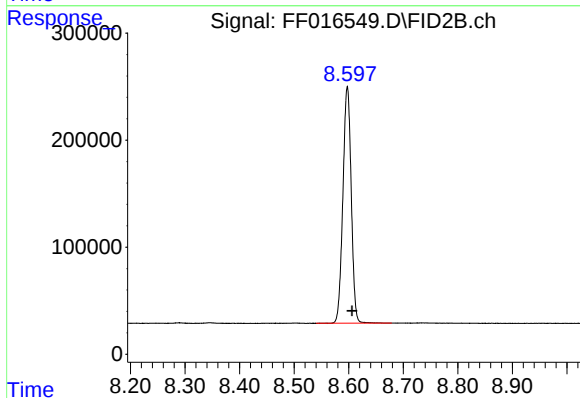
R.T.: 6.763 min
Delta R.T.: -0.009 min
Response: 2343597
Conc: 19.52 ug/ml



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

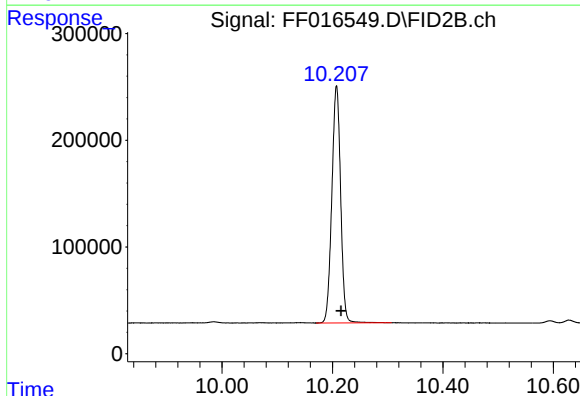
R.T.: 7.397 min
Delta R.T.: -0.008 min
Response: 2394280
Conc: 18.81 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



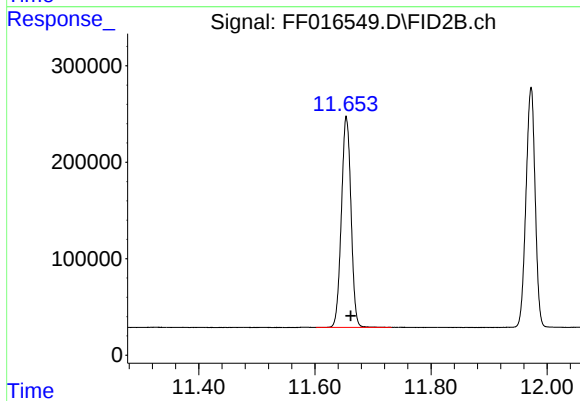
#6 n-Tetradecane (C14)

R.T.: 8.598 min
Delta R.T.: -0.008 min
Response: 2343352
Conc: 19.45 ug/ml



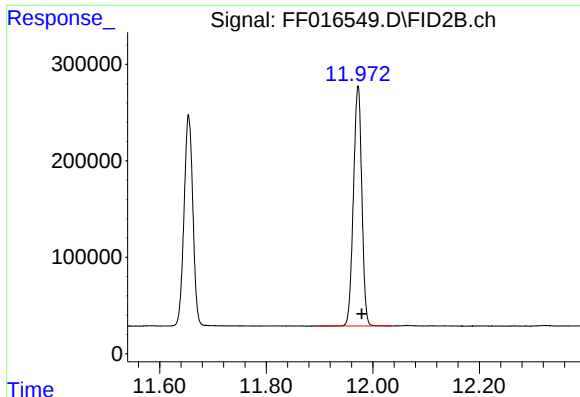
#7 n-Hexadecane (C16)

R.T.: 10.207 min
Delta R.T.: -0.008 min
Response: 2449460
Conc: 19.61 ug/ml



#8 n-Octadecane (C18)

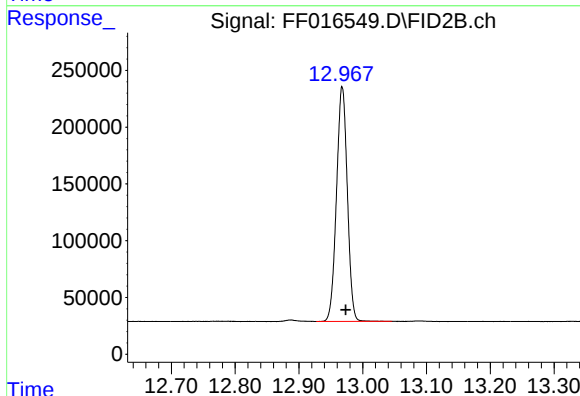
R.T.: 11.654 min
Delta R.T.: -0.008 min
Response: 2510868
Conc: 19.38 ug/ml



#9 ortho-Terphenyl (SURR)

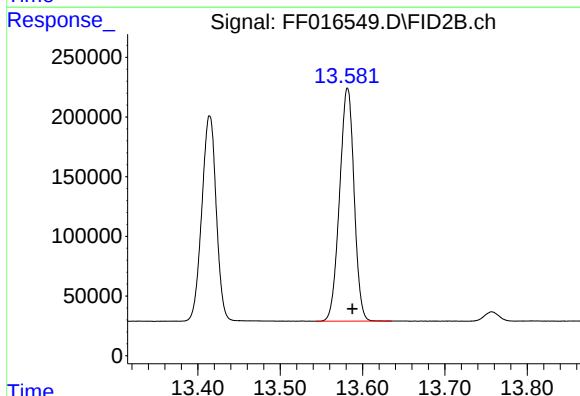
R.T.: 11.972 min
Delta R.T.: -0.007 min
Response: 2728730
Conc: 18.87 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



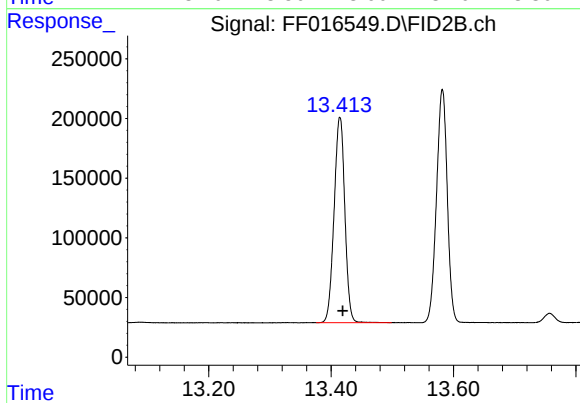
#10 n-Eicosane (C20)

R.T.: 12.968 min
Delta R.T.: -0.006 min
Response: 2442771
Conc: 19.10 ug/ml



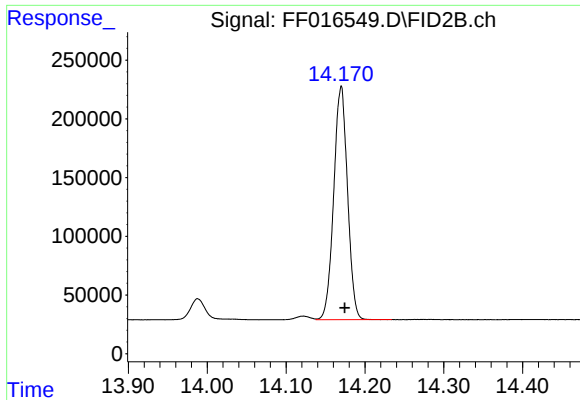
#11 n-Heneicosane (C21)

R.T.: 13.582 min
Delta R.T.: -0.006 min
Response: 2391932
Conc: 18.84 ug/ml



#12 1-chlorooctadecane (SURR)

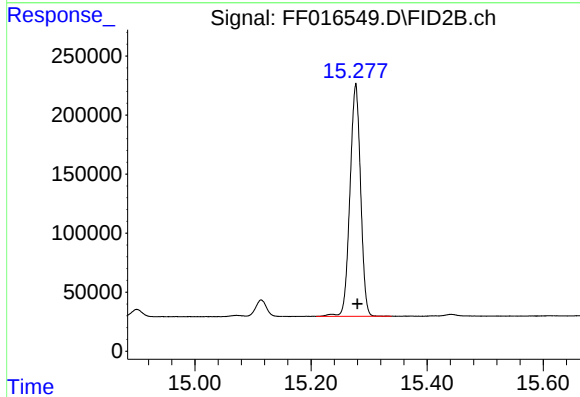
R.T.: 13.414 min
Delta R.T.: -0.005 min
Response: 2100378
Conc: 18.83 ug/ml



#13 n-Docosane (C22)

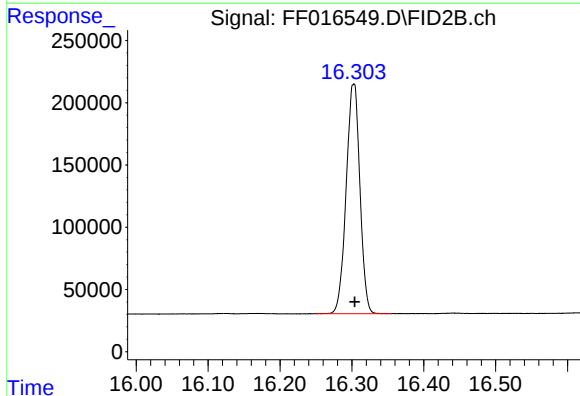
R.T.: 14.170 min
Delta R.T.: -0.005 min
Response: 2417655
Conc: 19.04 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



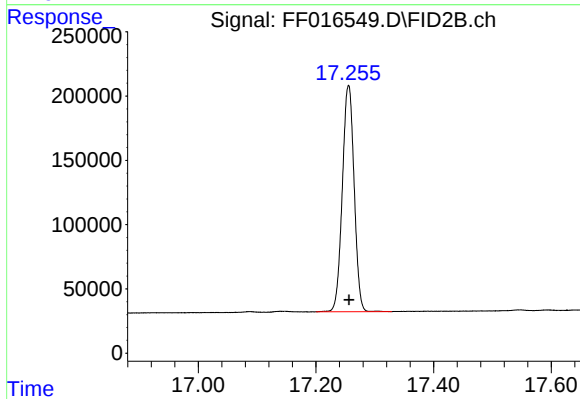
#14 n-Tetracosane (C24)

R.T.: 15.277 min
Delta R.T.: -0.003 min
Response: 2499125
Conc: 19.54 ug/ml



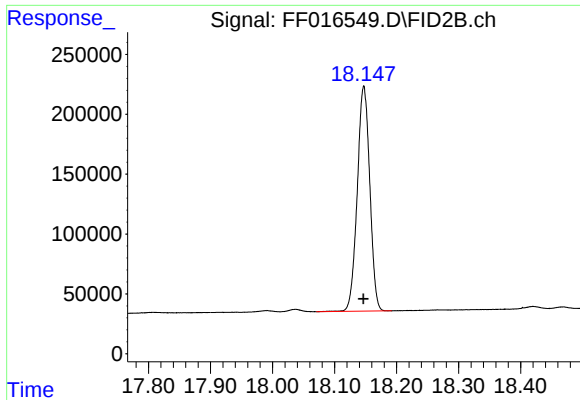
#15 n-Hexacosane (C26)

R.T.: 16.302 min
Delta R.T.: -0.002 min
Response: 2445257
Conc: 19.56 ug/ml



#16 n-Octacosane (C28)

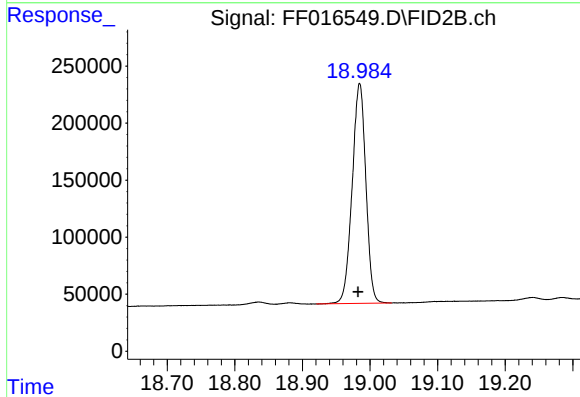
R.T.: 17.255 min
Delta R.T.: -0.001 min
Response: 2454890
Conc: 20.04 ug/ml



#17 n-Tricontane (C30)

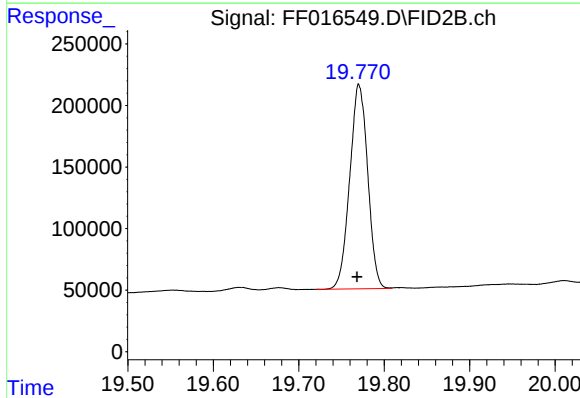
R.T.: 18.147 min
Delta R.T.: 0.000 min
Response: 2637503
Conc: 21.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



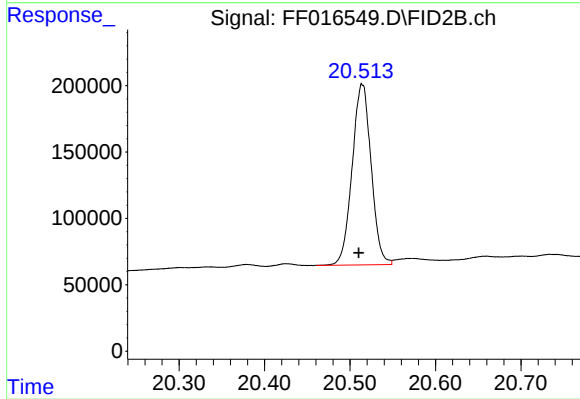
#18 n-Dotriacontane (C32)

R.T.: 18.985 min
Delta R.T.: 0.002 min
Response: 2716084
Conc: 22.53 ug/ml



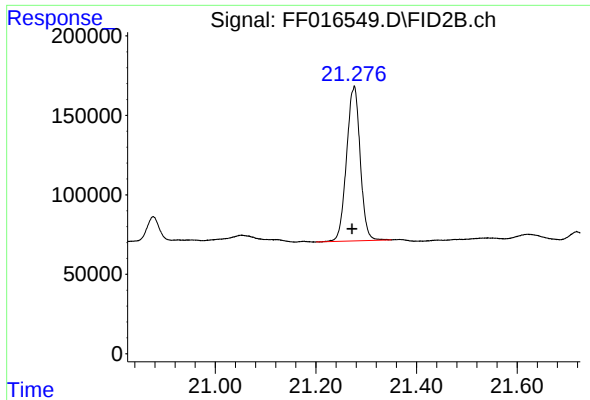
#19 n-Tetratriacontane (C34)

R.T.: 19.771 min
Delta R.T.: 0.002 min
Response: 2427943
Conc: 22.26 ug/ml



#20 n-Hexatriacontane (C36)

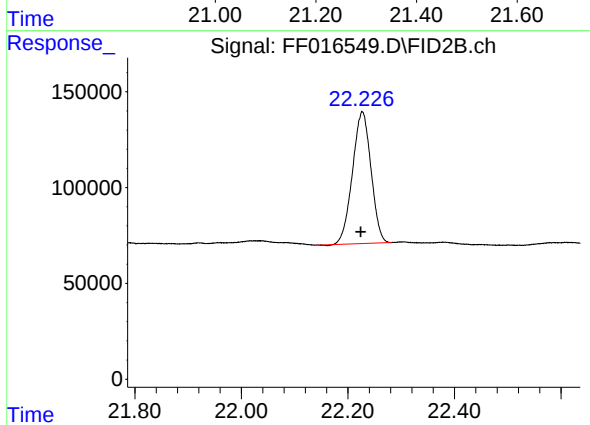
R.T.: 20.514 min
Delta R.T.: 0.004 min
Response: 2100333
Conc: 22.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.276 min
Delta R.T.: 0.004 min
Response: 1827979
Conc: 21.74 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.227 min
Delta R.T.: 0.003 min
Response: 1657587
Conc: 21.11 ug/ml