

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121025AL\
 Data File : FE057305.D
 Signal(s) : FID1B.ch
 Acq On : 11 Dec 2025 05:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 11 06:12:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 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)	11.931	4423544	20.158 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
12) S 1-chlorooctadecane (S...	13.368	3359844	20.188 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
Target Compounds			
1) T n-Nonane (C9)	3.288	3813502	19.495 ug/ml
2) T n-Decane (C10)	4.541	4066661	20.106 ug/ml
3) T A~Naphthalene (C11.7)	6.260	4052955	20.131 ug/ml
4) T n-Dodecane (C12)	6.714	4143853	20.303 ug/ml
5) T A~2-methylnaphthalene...	7.360	3800213	19.777 ug/ml
6) T n-Tetradecane (C14)	8.547	4078771	20.264 ug/ml
7) T n-Hexadecane (C16)	10.160	4133581	20.156 ug/ml
8) T n-Octadecane (C18)	11.607	4152373	20.146 ug/ml
10) T n-Eicosane (C20)	12.919	3939551	20.027 ug/ml
11) T n-Heneicosane (C21)	13.533	3844534	20.011 ug/ml
13) T n-Docosane (C22)	14.121	3825089	19.815 ug/ml
14) T n-Tetracosane (C24)	15.227	3779329	19.082 ug/ml
15) T n-Hexacosane (C26)	16.251	3717941	18.741 ug/ml
16) T n-Octacosane (C28)	17.202	3768414	18.338 ug/ml
17) T n-Tricontane (C30)	18.093	4044264	18.020 ug/ml
18) T n-Dotriacontane (C32)	18.927	4188367	17.942 ug/ml
19) T n-Tetratriacontane (C34)	19.714	3984199	18.654 ug/ml
20) T n-Hexatriacontane (C36)	20.455	3555613	19.103 ug/ml
21) T n-Octatriacontane (C38)	21.200	3338655	19.264 ug/ml
22) T n-Tetracontane (C40)	22.129	3265342	19.377 ug/ml

(f)=RT Delta > 1/2 Window

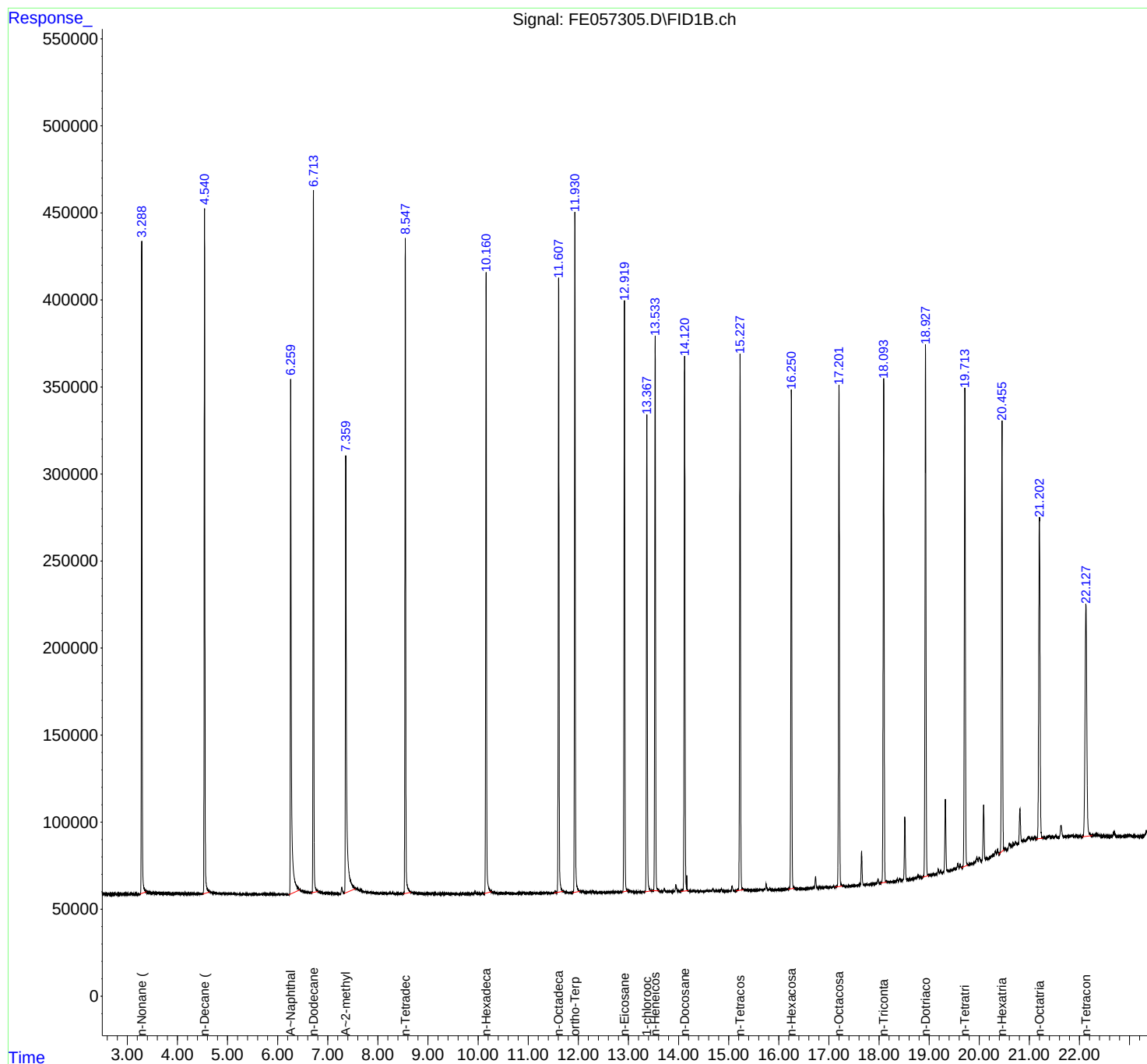
(m)=manual int.

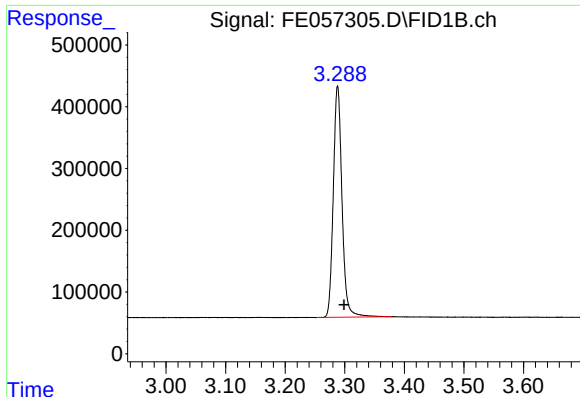
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121025AL\
Data File : FE057305.D
Signal(s) : FID1B.ch
Acq On : 11 Dec 2025 05:47
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Dec 11 06:12:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

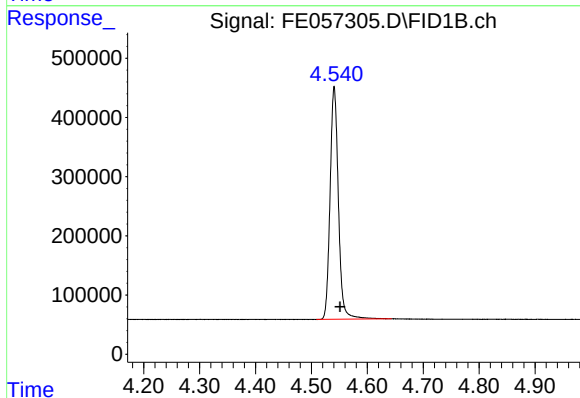




#1 n-Nonane (C9)

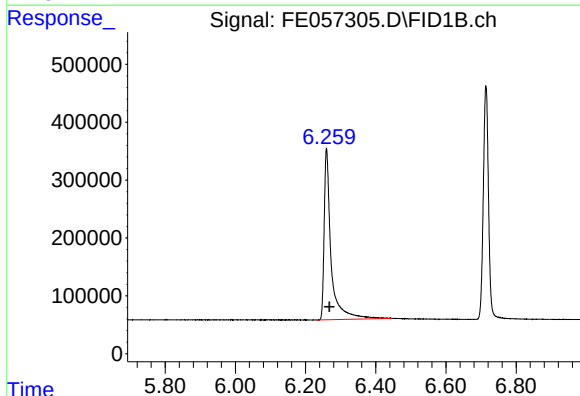
R.T.: 3.288 min
Delta R.T.: -0.011 min
Response: 3813502
Conc: 19.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



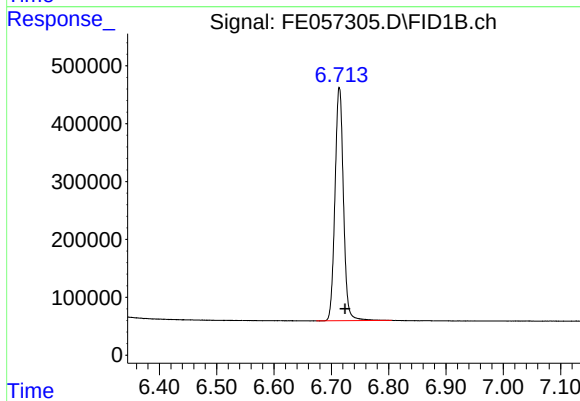
#2 n-Decane (C10)

R.T.: 4.541 min
Delta R.T.: -0.011 min
Response: 4066661
Conc: 20.11 ug/ml



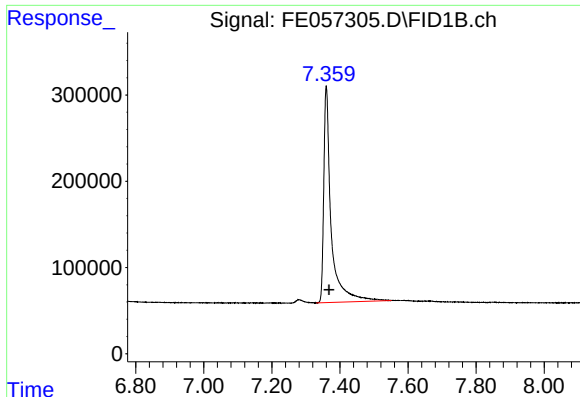
#3 A~Naphthalene (C11.7)

R.T.: 6.260 min
Delta R.T.: -0.008 min
Response: 4052955
Conc: 20.13 ug/ml



#4 n-Dodecane (C12)

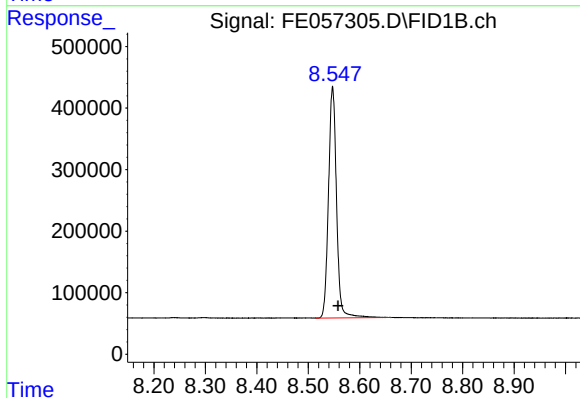
R.T.: 6.714 min
Delta R.T.: -0.010 min
Response: 4143853
Conc: 20.30 ug/ml



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

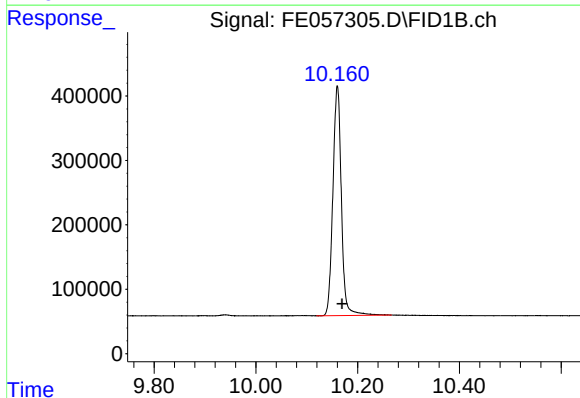
R.T.: 7.360 min
Delta R.T.: -0.007 min
Response: 3800213
Conc: 19.78 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



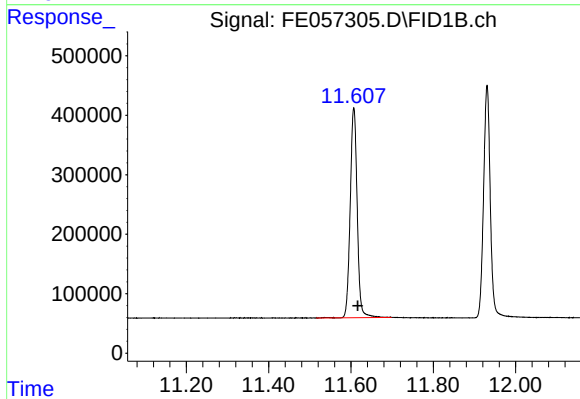
#6 n-Tetradecane (C14)

R.T.: 8.547 min
Delta R.T.: -0.010 min
Response: 4078771
Conc: 20.26 ug/ml



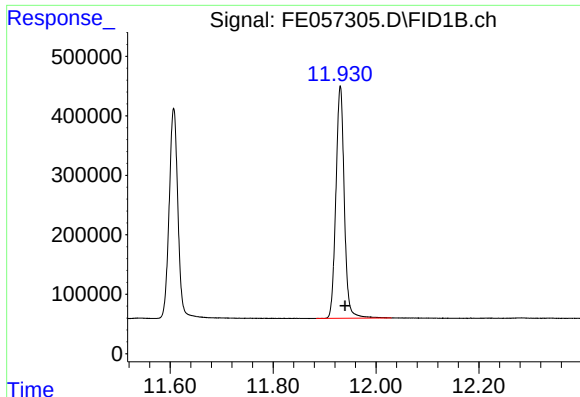
#7 n-Hexadecane (C16)

R.T.: 10.160 min
Delta R.T.: -0.010 min
Response: 4133581
Conc: 20.16 ug/ml



#8 n-Octadecane (C18)

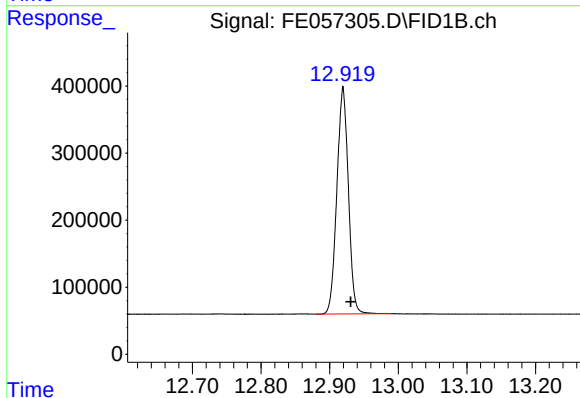
R.T.: 11.607 min
Delta R.T.: -0.010 min
Response: 4152373
Conc: 20.15 ug/ml



#9 ortho-Terphenyl (SURR)

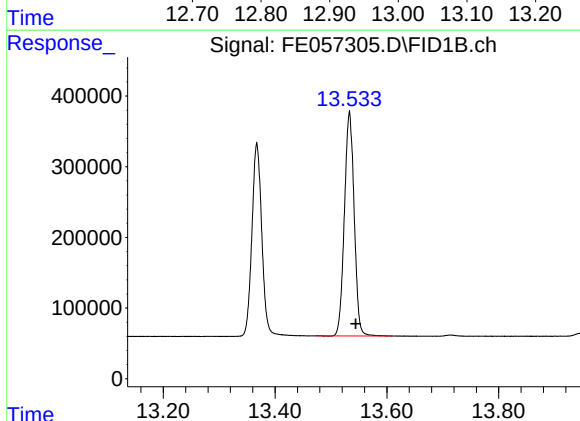
R.T.: 11.931 min
Delta R.T.: -0.009 min
Response: 4423544
Conc: 20.16 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



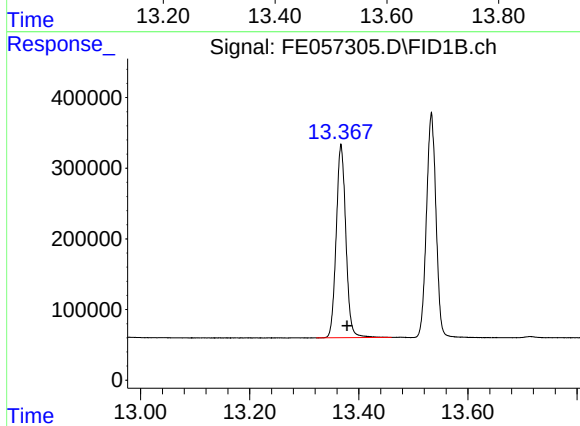
#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: -0.011 min
Response: 3939551
Conc: 20.03 ug/ml



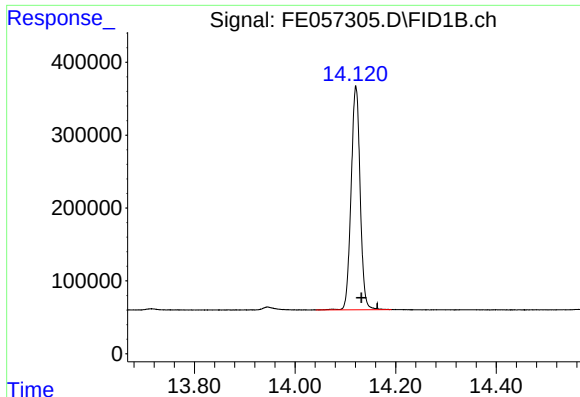
#11 n-Heneicosane (C21)

R.T.: 13.533 min
Delta R.T.: -0.011 min
Response: 3844534
Conc: 20.01 ug/ml



#12 1-chlorooctadecane (SURR)

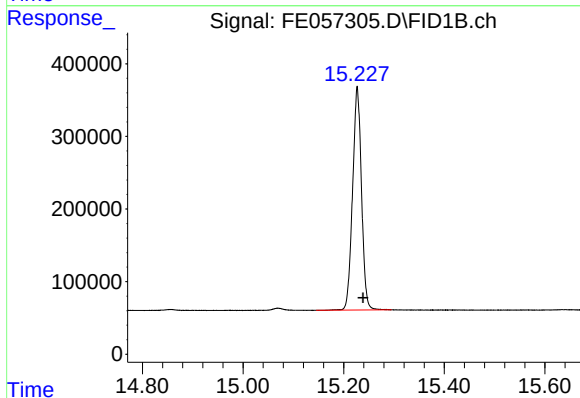
R.T.: 13.368 min
Delta R.T.: -0.011 min
Response: 3359844
Conc: 20.19 ug/ml



#13 n-Docosane (C22)

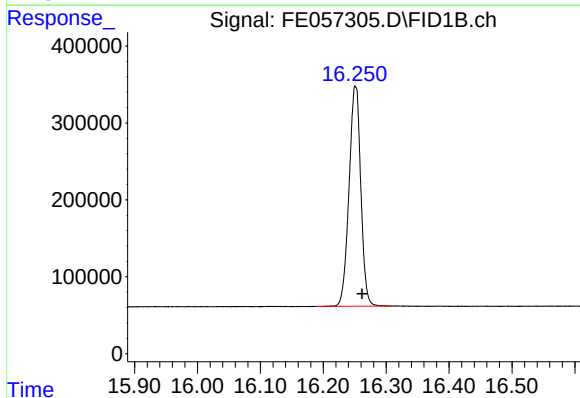
R.T.: 14.121 min
Delta R.T.: -0.011 min
Response: 3825089
Conc: 19.81 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



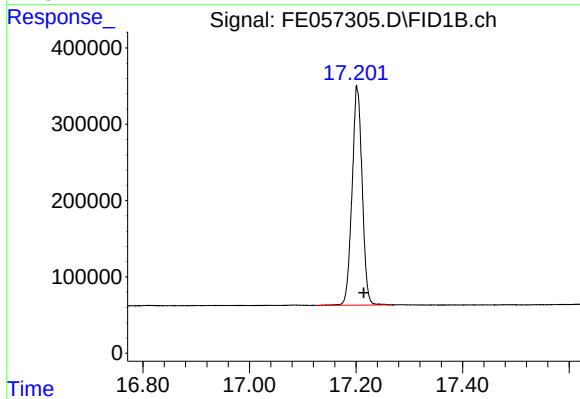
#14 n-Tetracosane (C24)

R.T.: 15.227 min
Delta R.T.: -0.011 min
Response: 3779329
Conc: 19.08 ug/ml



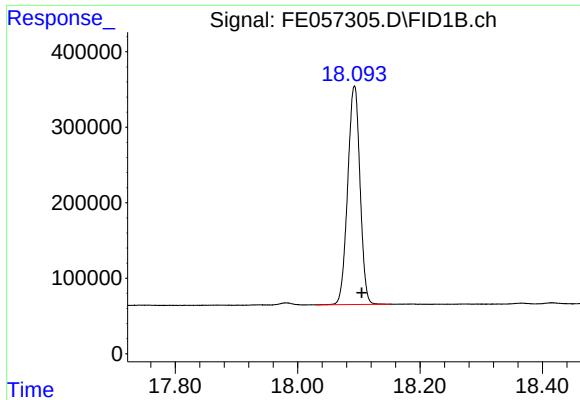
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.011 min
Response: 3717941
Conc: 18.74 ug/ml



#16 n-Octacosane (C28)

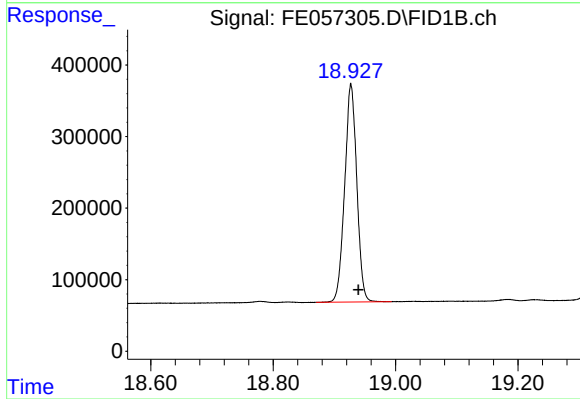
R.T.: 17.202 min
Delta R.T.: -0.012 min
Response: 3768414
Conc: 18.34 ug/ml



#17 n-Tricontane (C30)

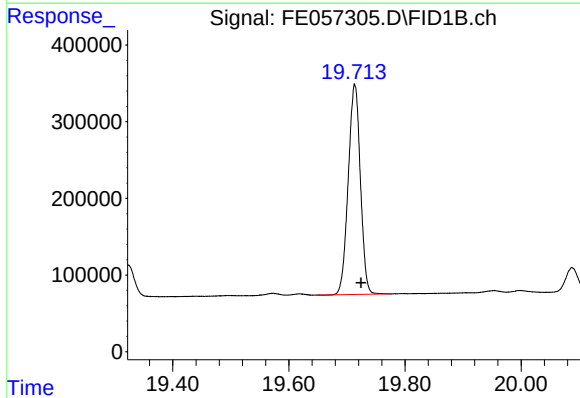
R.T.: 18.093 min
Delta R.T.: -0.012 min
Response: 4044264
Conc: 18.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



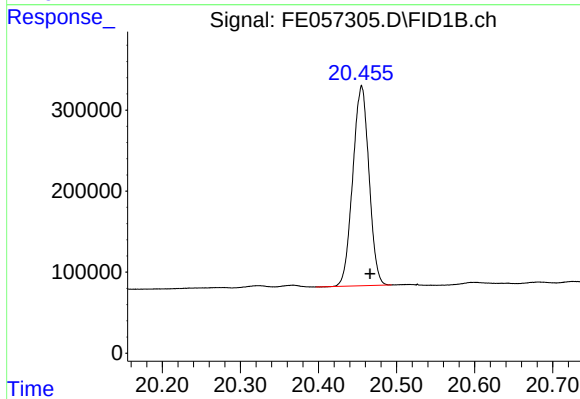
#18 n-Dotriacontane (C32)

R.T.: 18.927 min
Delta R.T.: -0.012 min
Response: 4188367
Conc: 17.94 ug/ml



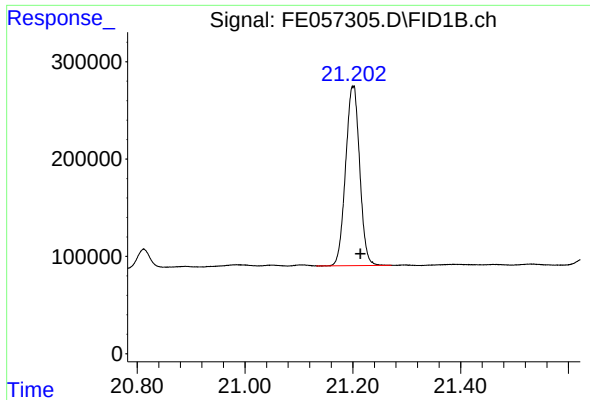
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.011 min
Response: 3984199
Conc: 18.65 ug/ml



#20 n-Hexatriacontane (C36)

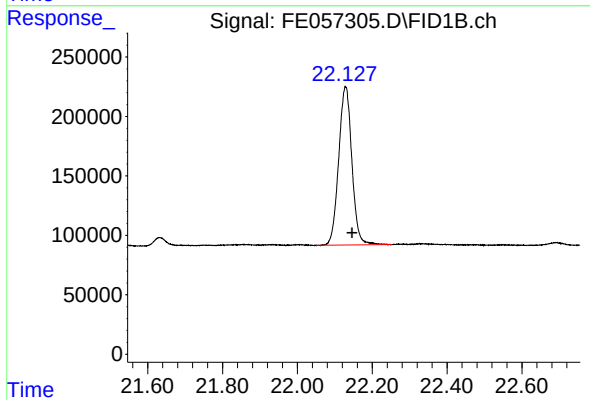
R.T.: 20.455 min
Delta R.T.: -0.011 min
Response: 3555613
Conc: 19.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: -0.014 min
Response: 3338655
Conc: 19.26 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.129 min
Delta R.T.: -0.018 min
Response: 3265342
Conc: 19.38 ug/ml