

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120925AL\
 Data File : FE057271.D
 Signal(s) : FID1B.ch
 Acq On : 10 Dec 2025 05:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 10 05:32:42 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)	11.933	4965645	22.629 ug/ml
Spiked Amount 50.000		Recovery =	45.26%
12) S 1-chlorooctadecane (S...	13.370	3769297	22.648 ug/ml
Spiked Amount 50.000		Recovery =	45.30%
Target Compounds			
1) T n-Nonane (C9)	3.290	4345854	22.217 ug/ml
2) T n-Decane (C10)	4.543	4552010	22.506 ug/ml
3) T A~Naphthalene (C11.7)	6.261	4620276	22.949 ug/ml
4) T n-Dodecane (C12)	6.716	4662173	22.843 ug/ml
5) T A~2-methylnaphthalene...	7.361	4382919	22.810 ug/ml
6) T n-Tetradecane (C14)	8.550	4600118	22.854 ug/ml
7) T n-Hexadecane (C16)	10.163	4677983	22.811 ug/ml
8) T n-Octadecane (C18)	11.610	4675893	22.686 ug/ml
10) T n-Eicosane (C20)	12.922	4422710	22.483 ug/ml
11) T n-Heneicosane (C21)	13.536	4326716	22.520 ug/ml
13) T n-Docosane (C22)	14.124	4272422	22.132 ug/ml
14) T n-Tetracosane (C24)	15.230	4216640	21.290 ug/ml
15) T n-Hexacosane (C26)	16.253	4142985	20.883 ug/ml
16) T n-Octacosane (C28)	17.206	4158260	20.235 ug/ml
17) T n-Tricontane (C30)	18.096	4371431	19.478 ug/ml
18) T n-Dotriacontane (C32)	18.930	4451212	19.068 ug/ml
19) T n-Tetratriacontane (C34)	19.717	4319587	20.224 ug/ml
20) T n-Hexatriacontane (C36)	20.459	3925574	21.090 ug/ml
21) T n-Octatriacontane (C38)	21.204	3613366	20.850 ug/ml
22) T n-Tetracontane (C40)	22.132	3430947	20.360 ug/ml

(f)=RT Delta > 1/2 Window

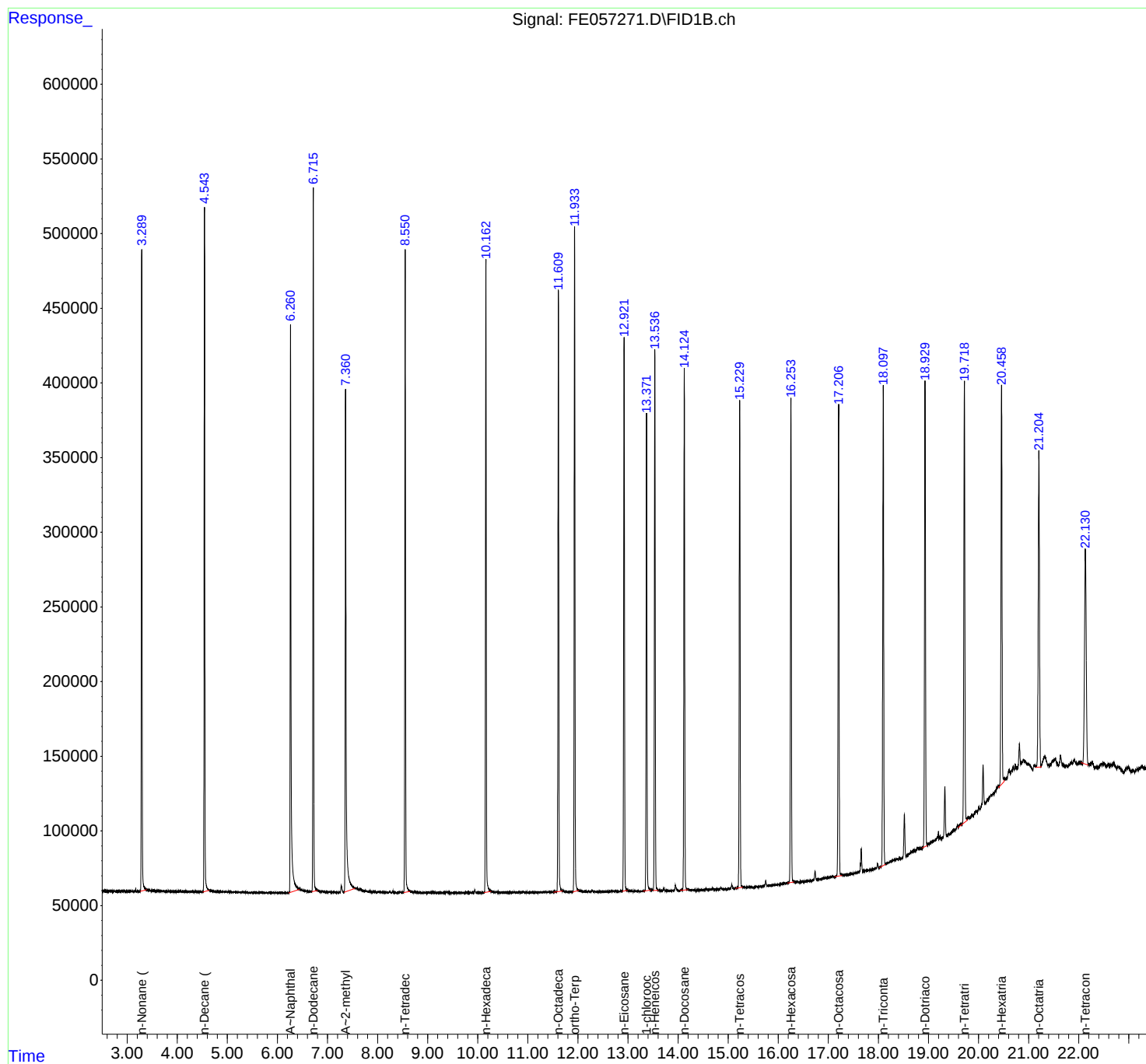
(m)=manual int.

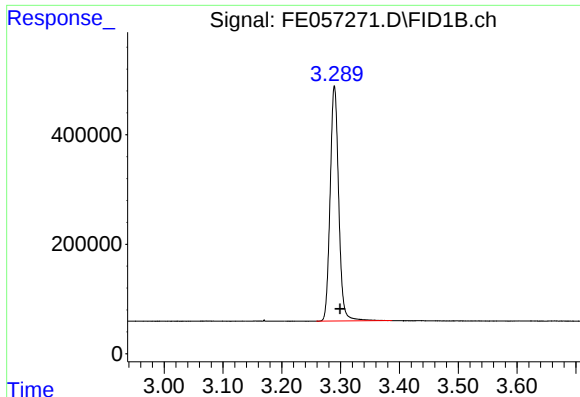
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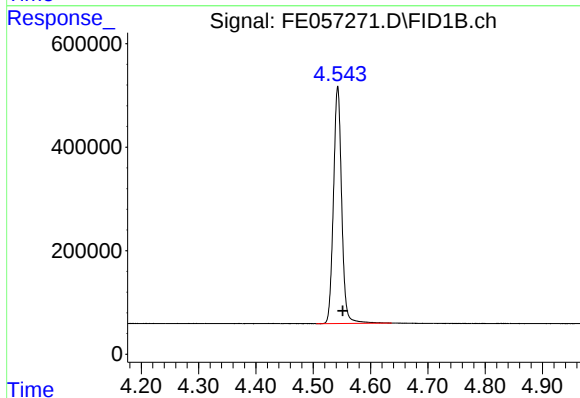




#1 n-Nonane (C9)

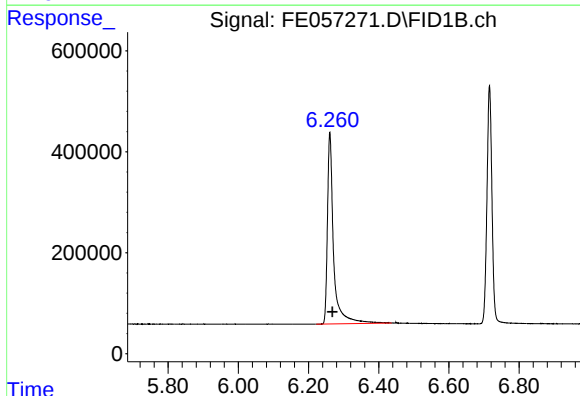
R.T.: 3.290 min
Delta R.T.: -0.009 min
Response: 4345854
Conc: 22.22 ug/ml

Instrument :
FID_E
ClientSampleId :



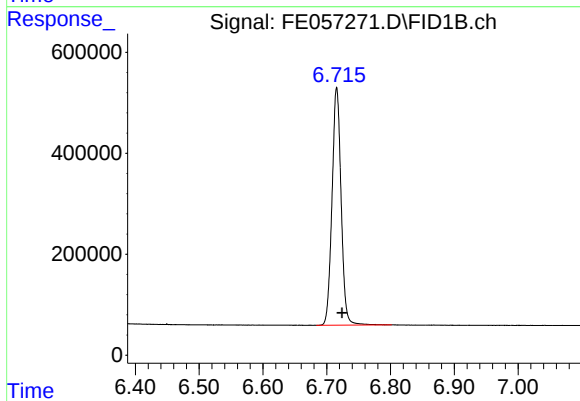
#2 n-Decane (C10)

R.T.: 4.543 min
Delta R.T.: -0.009 min
Response: 4552010
Conc: 22.51 ug/ml



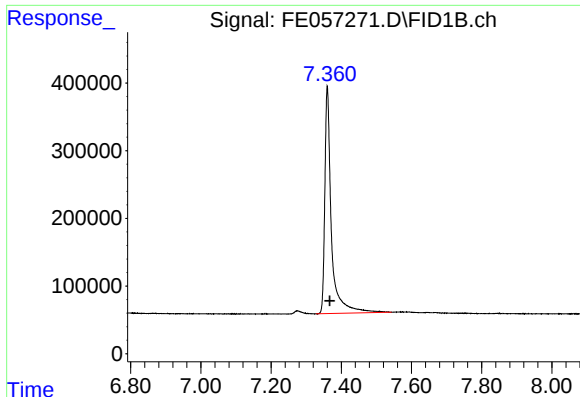
#3 A~Naphthalene (C11.7)

R.T.: 6.261 min
Delta R.T.: -0.007 min
Response: 4620276
Conc: 22.95 ug/ml



#4 n-Dodecane (C12)

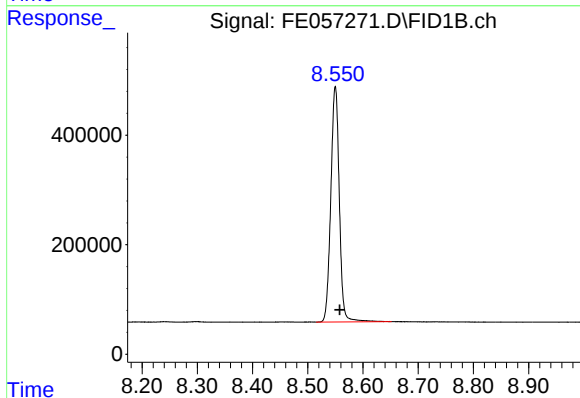
R.T.: 6.716 min
Delta R.T.: -0.008 min
Response: 4662173
Conc: 22.84 ug/ml



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

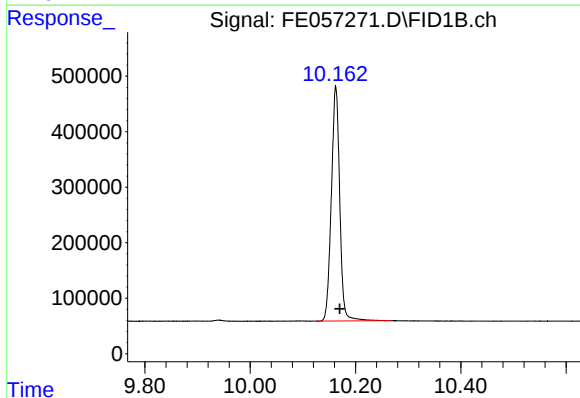
R.T.: 7.361 min
Delta R.T.: -0.007 min
Response: 4382919
Conc: 22.81 ug/ml

Instrument :
FID_E
ClientSampleId :



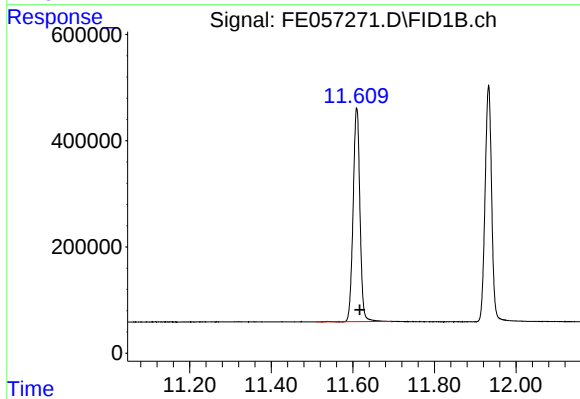
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.008 min
Response: 4600118
Conc: 22.85 ug/ml



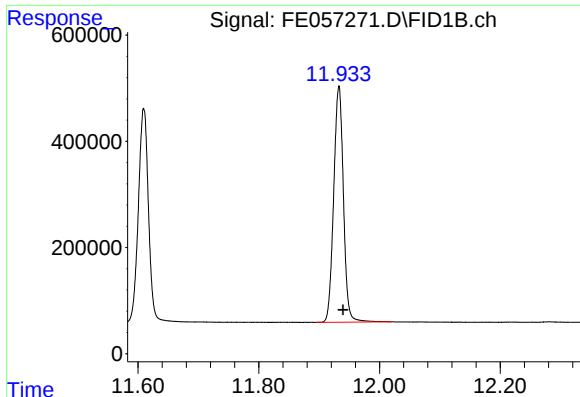
#7 n-Hexadecane (C16)

R.T.: 10.163 min
Delta R.T.: -0.007 min
Response: 4677983
Conc: 22.81 ug/ml



#8 n-Octadecane (C18)

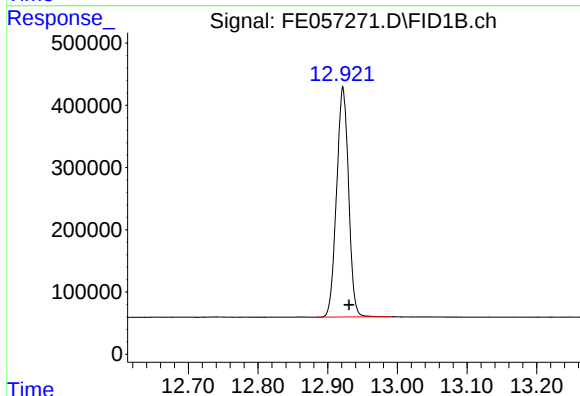
R.T.: 11.610 min
Delta R.T.: -0.007 min
Response: 4675893
Conc: 22.69 ug/ml



#9 ortho-Terphenyl (SURR)

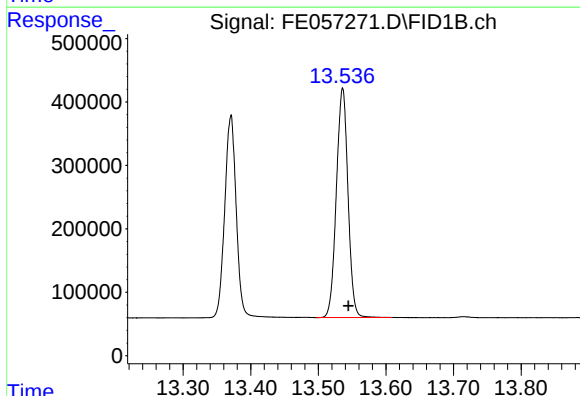
R.T.: 11.933 min
Delta R.T.: -0.007 min
Response: 4965645
Conc: 22.63 ug/ml

Instrument :
FID_E
ClientSampleId :



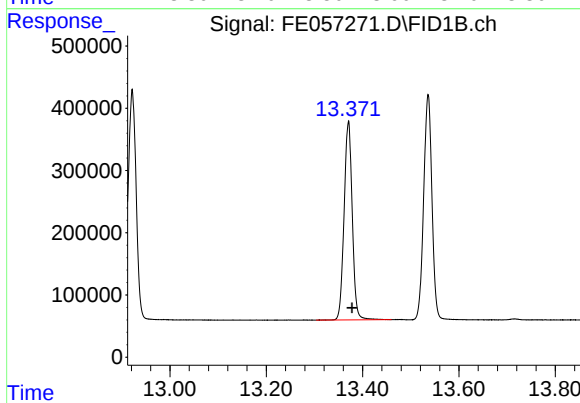
#10 n-Eicosane (C20)

R.T.: 12.922 min
Delta R.T.: -0.009 min
Response: 4422710
Conc: 22.48 ug/ml



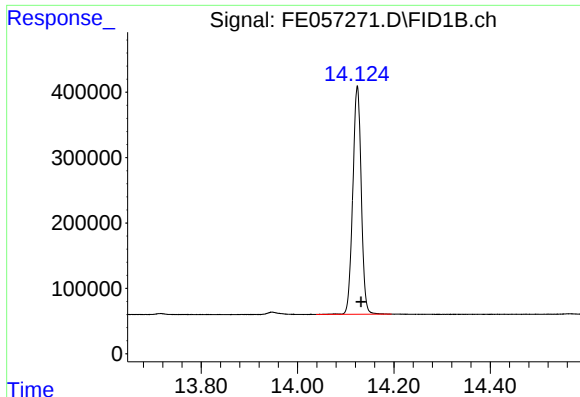
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: -0.008 min
Response: 4326716
Conc: 22.52 ug/ml



#12 1-chlorooctadecane (SURR)

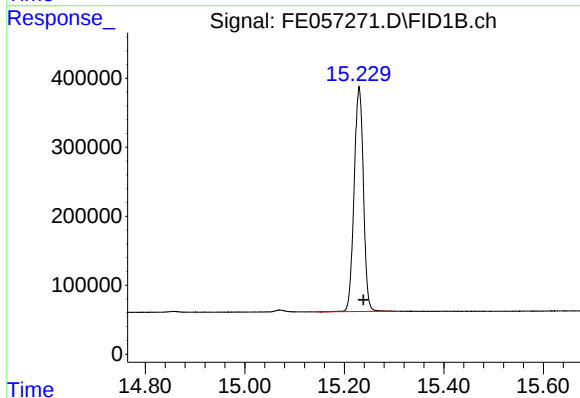
R.T.: 13.370 min
Delta R.T.: -0.008 min
Response: 3769297
Conc: 22.65 ug/ml



#13 n-Docosane (C22)

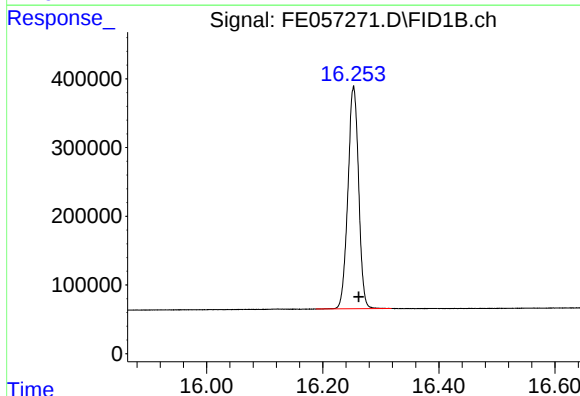
R.T.: 14.124 min
Delta R.T.: -0.008 min
Response: 4272422
Conc: 22.13 ug/ml

Instrument :
FID_E
ClientSampleId :



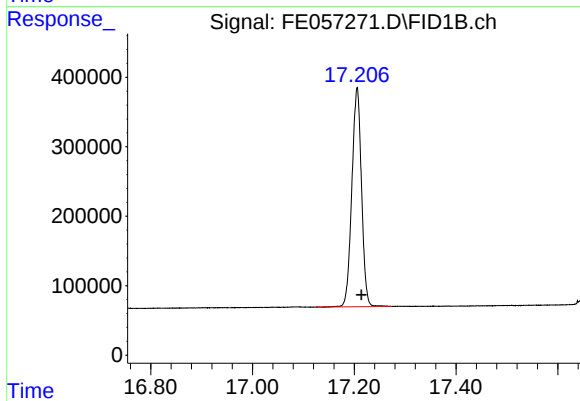
#14 n-Tetracosane (C24)

R.T.: 15.230 min
Delta R.T.: -0.009 min
Response: 4216640
Conc: 21.29 ug/ml



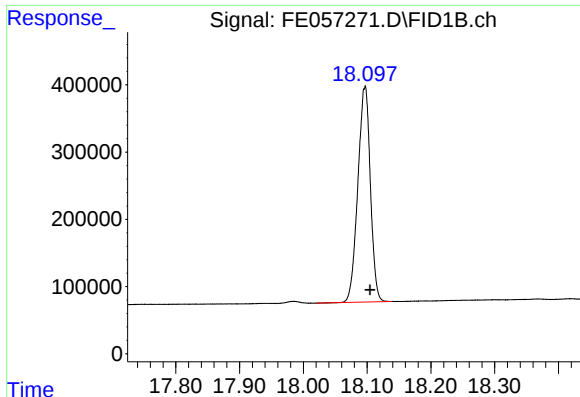
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.009 min
Response: 4142985
Conc: 20.88 ug/ml



#16 n-Octacosane (C28)

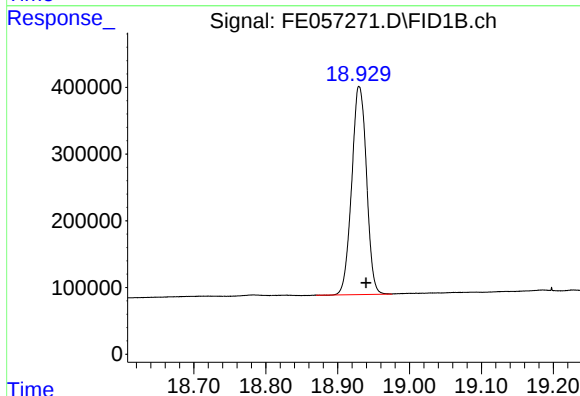
R.T.: 17.206 min
Delta R.T.: -0.009 min
Response: 4158260
Conc: 20.23 ug/ml



#17 n-Tricontane (C30)

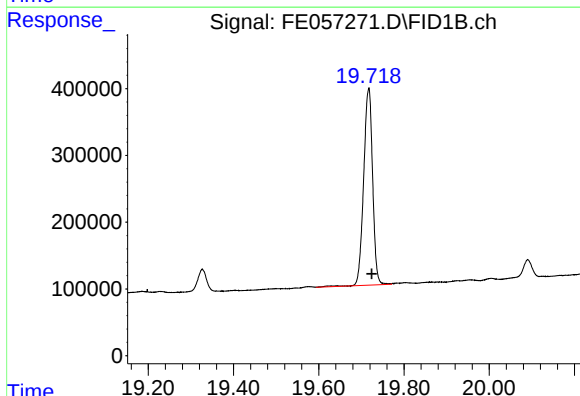
R.T.: 18.096 min
Delta R.T.: -0.008 min
Response: 4371431
Conc: 19.48 ug/ml

Instrument :
FID_E
ClientSampleId :



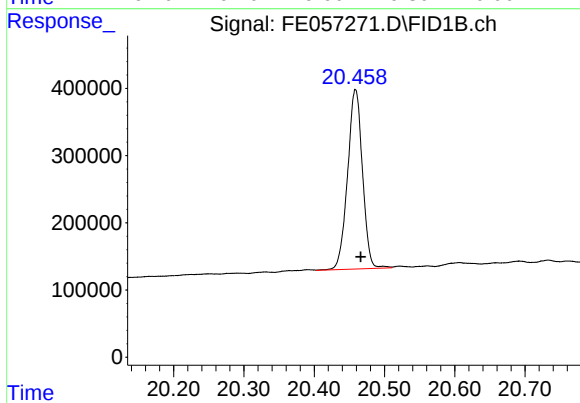
#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: -0.009 min
Response: 4451212
Conc: 19.07 ug/ml



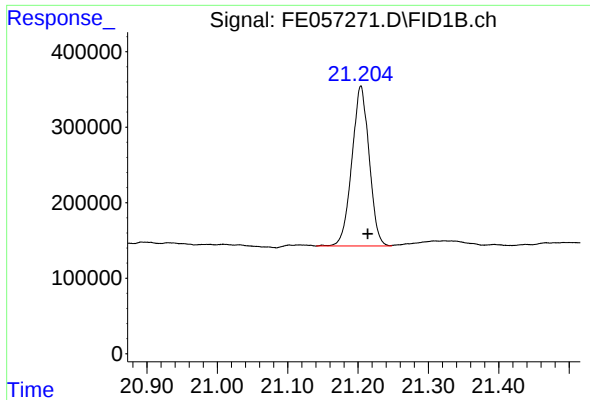
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: -0.008 min
Response: 4319587
Conc: 20.22 ug/ml



#20 n-Hexatriacontane (C36)

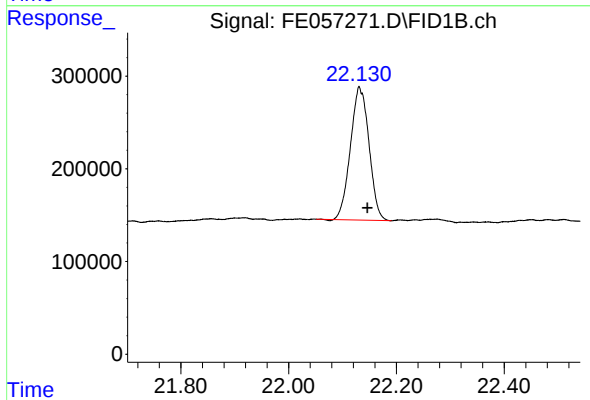
R.T.: 20.459 min
Delta R.T.: -0.007 min
Response: 3925574
Conc: 21.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.204 min
Delta R.T.: -0.010 min
Response: 3613366
Conc: 20.85 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.132 min
Delta R.T.: -0.015 min
Response: 3430947
Conc: 20.36 ug/ml