

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051425AL\
 Data File : FE053812.D
 Signal(s) : FID1B.ch
 Acq On : 14 May 2025 11:48
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 14 12:15:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:14:37 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)	11.849	817153	5.028 ug/ml
Spiked Amount 50.000		Recovery =	10.06%
12) S 1-chlorooctadecane (S...	13.295	587641	4.957 ug/ml
Spiked Amount 50.000		Recovery =	9.91%
Target Compounds			
1) T n-Nonane (C9)	3.202	656566	4.858 ug/ml
2) T n-Decane (C10)	4.462	648937	4.802 ug/ml
3) T A~Naphthalene (C11.7)	6.178	655292	4.560 ug/ml
4) T n-Dodecane (C12)	6.642	655154	4.803 ug/ml
5) T A~2-methylnaphthalene...	7.280	614016	4.427 ug/ml
6) T n-Tetradecane (C14)	8.477	659483	4.887 ug/ml
7) T n-Hexadecane (C16)	10.090	660971	4.898 ug/ml
8) T n-Octadecane (C18)	11.536	672526	4.994 ug/ml
10) T n-Eicosane (C20)	12.849	663340	5.047 ug/ml
11) T n-Heneicosane (C21)	13.462	654852	5.051 ug/ml
13) T n-Docosane (C22)	14.049	643626	5.045 ug/ml
14) T n-Tetracosane (C24)	15.155	631655	5.049 ug/ml
15) T n-Hexacosane (C26)	16.178	619264	5.057 ug/ml
16) T n-Octacosane (C28)	17.129	632971	5.207 ug/ml
17) T n-Tricontane (C30)	18.018	674483	5.415 ug/ml
18) T n-Dotriacontane (C32)	18.852	688933	5.509 ug/ml
19) T n-Tetratriacontane (C34)	19.638	636572	5.344 ug/ml
20) T n-Hexatriacontane (C36)	20.380	597732	5.162 ug/ml
21) T n-Octatriacontane (C38)	21.111	534678	4.913 ug/ml
22) T n-Tetracontane (C40)	22.007	446823	4.503 ug/ml

(f)=RT Delta > 1/2 Window

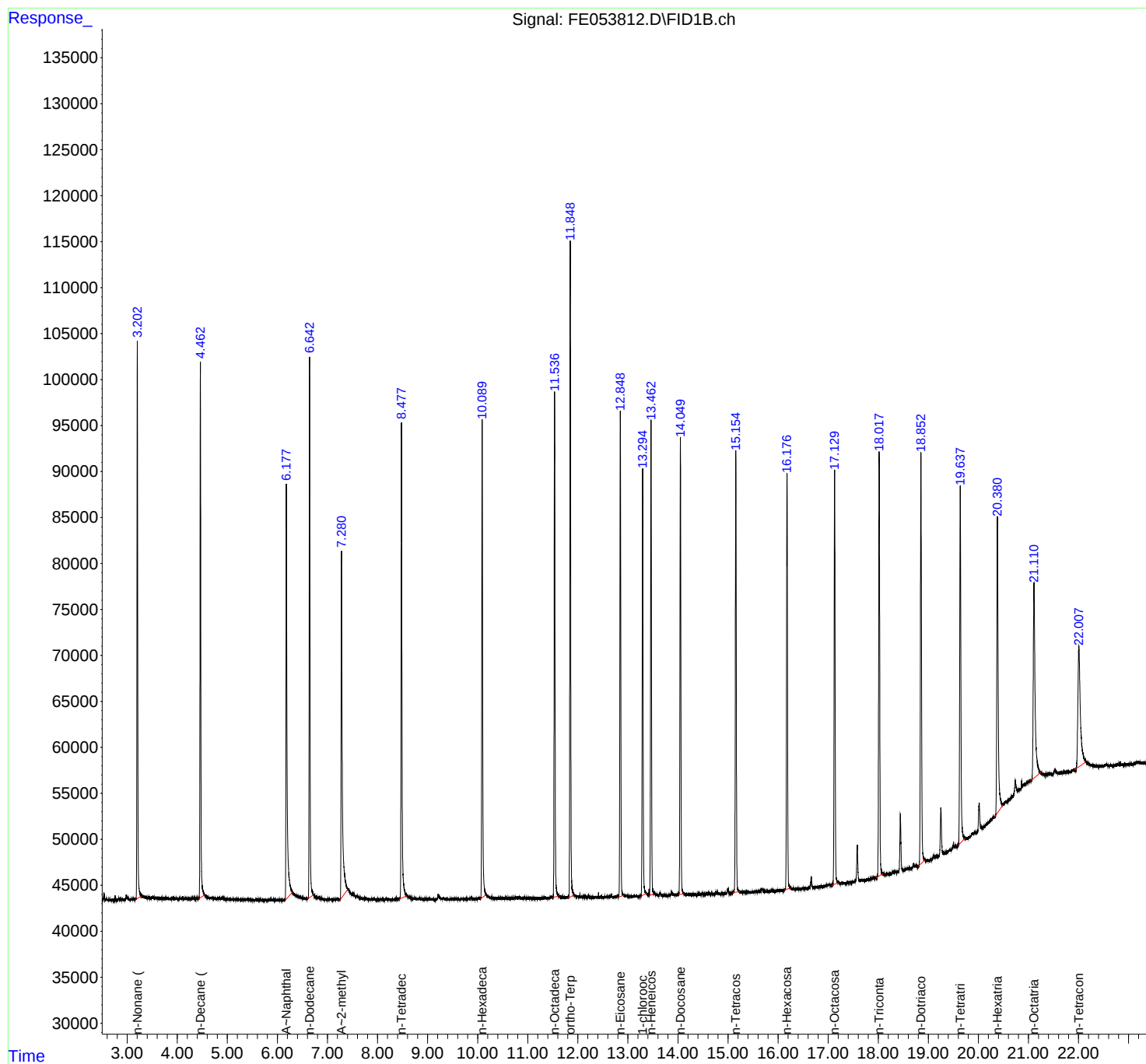
(m)=manual int.

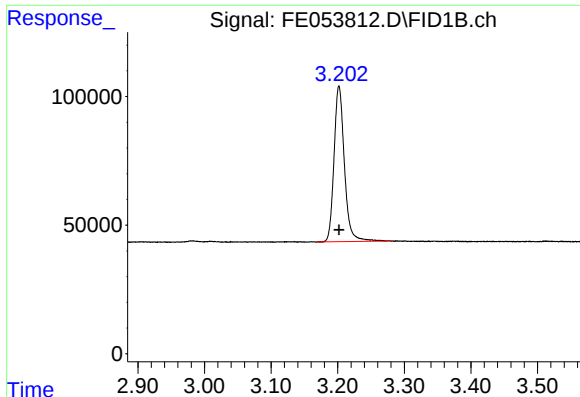
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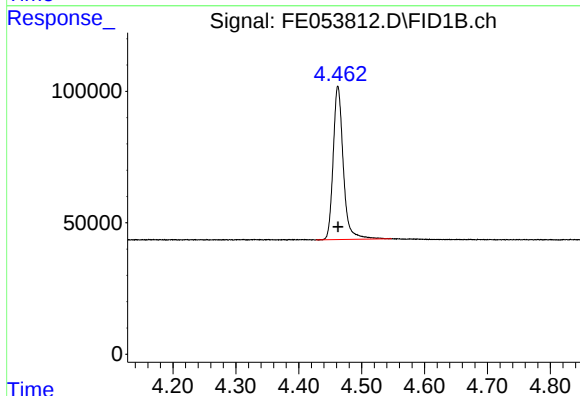




#1 n-Nonane (C9)

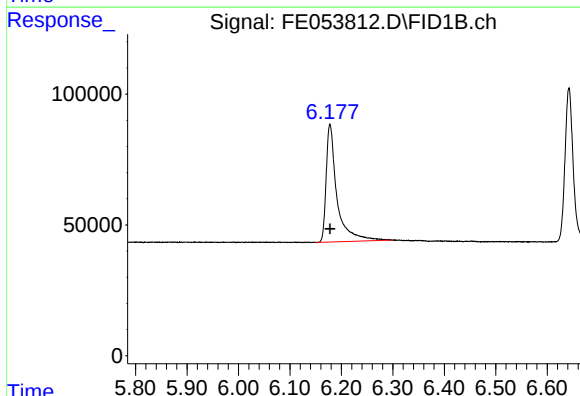
R.T.: 3.202 min
Delta R.T.: 0.000 min
Response: 656566
Conc: 4.86 ug/ml

Instrument :
FID_E
ClientSampleId :



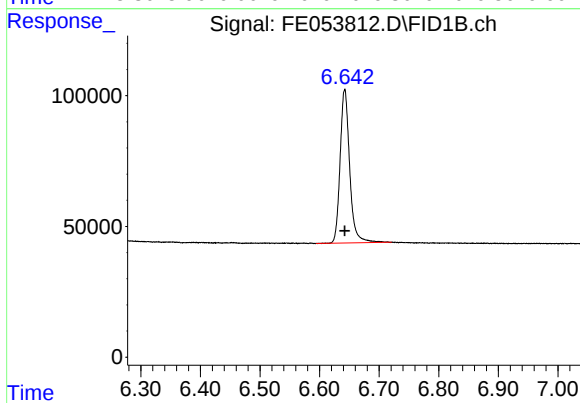
#2 n-Decane (C10)

R.T.: 4.462 min
Delta R.T.: 0.000 min
Response: 648937
Conc: 4.80 ug/ml



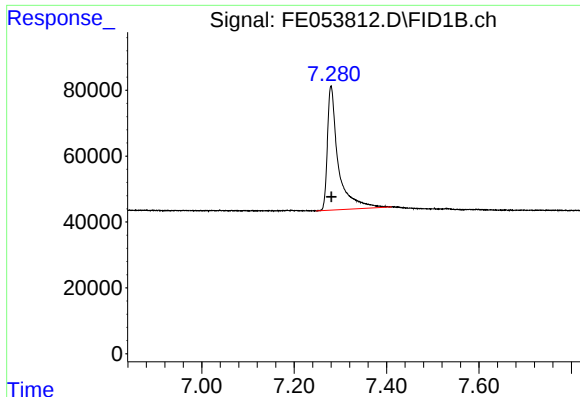
#3 A~Naphthalene (C11.7)

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 655292
Conc: 4.56 ug/ml



#4 n-Dodecane (C12)

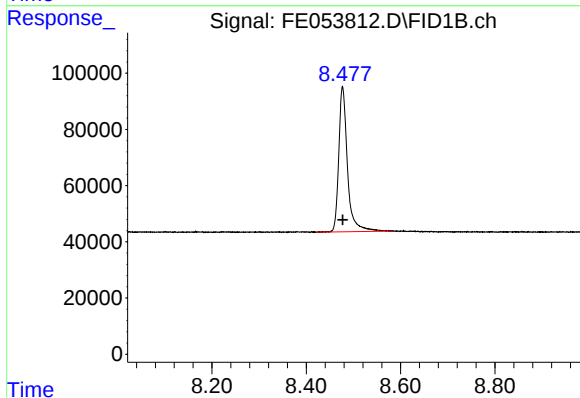
R.T.: 6.642 min
Delta R.T.: 0.000 min
Response: 655154
Conc: 4.80 ug/ml



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

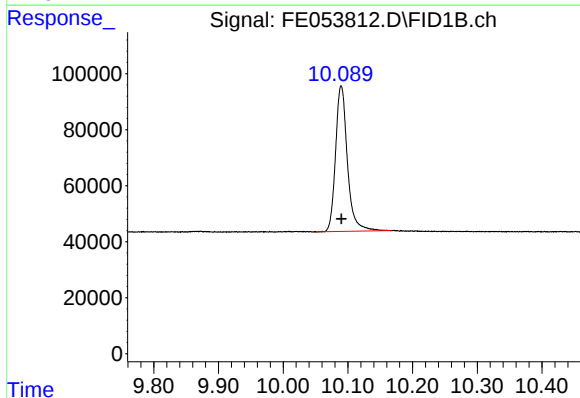
R.T.: 7.280 min
Delta R.T.: 0.000 min
Response: 614016
Conc: 4.43 ug/ml

Instrument :
FID_E
ClientSampleId :



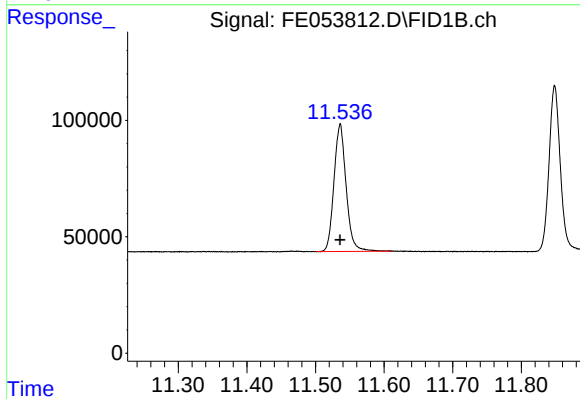
#6 n-Tetradecane (C14)

R.T.: 8.477 min
Delta R.T.: 0.000 min
Response: 659483
Conc: 4.89 ug/ml



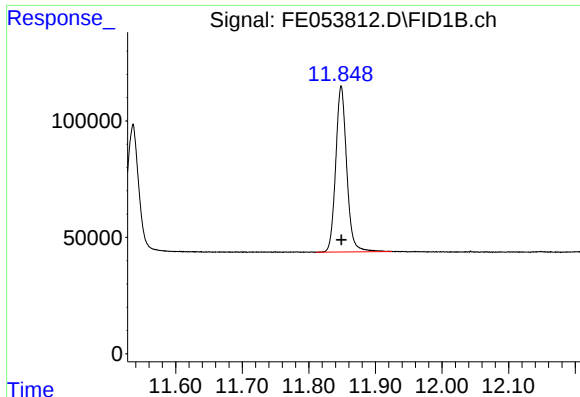
#7 n-Hexadecane (C16)

R.T.: 10.090 min
Delta R.T.: 0.000 min
Response: 660971
Conc: 4.90 ug/ml



#8 n-Octadecane (C18)

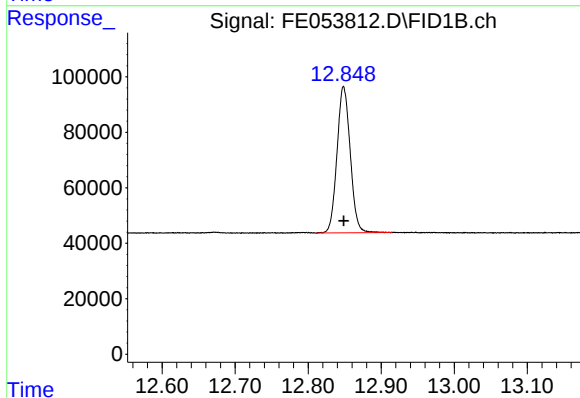
R.T.: 11.536 min
Delta R.T.: 0.000 min
Response: 672526
Conc: 4.99 ug/ml



#9 ortho-Terphenyl (SURR)

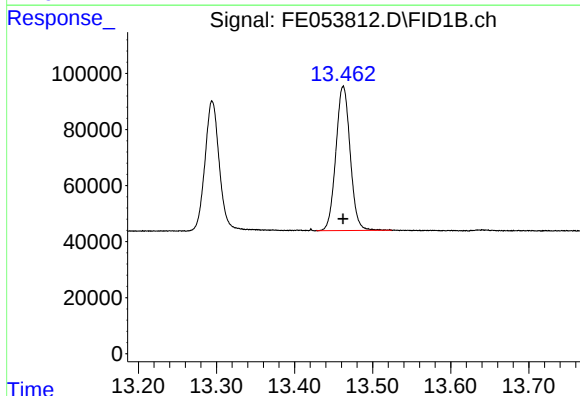
R.T.: 11.849 min
Delta R.T.: 0.000 min
Response: 817153
Conc: 5.03 ug/ml

Instrument :
FID_E
ClientSampleId :



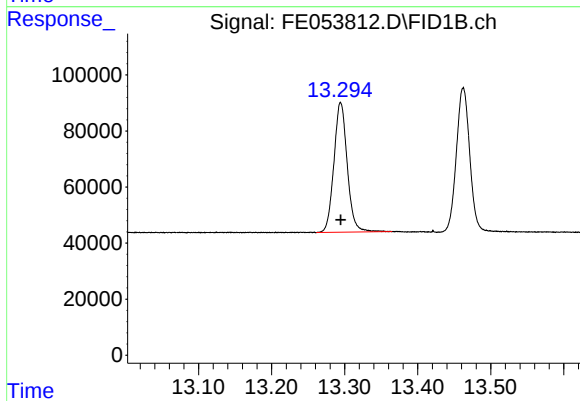
#10 n-Eicosane (C20)

R.T.: 12.849 min
Delta R.T.: 0.000 min
Response: 663340
Conc: 5.05 ug/ml



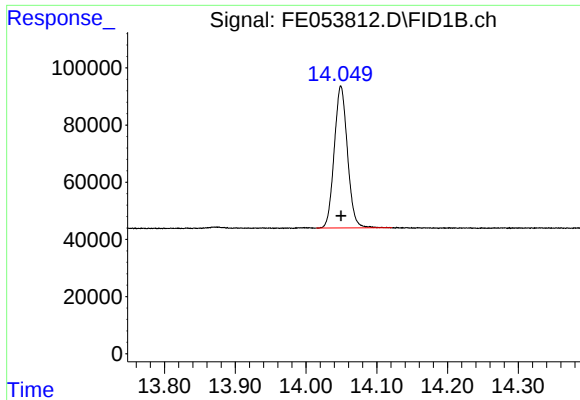
#11 n-Heneicosane (C21)

R.T.: 13.462 min
Delta R.T.: 0.000 min
Response: 654852
Conc: 5.05 ug/ml



#12 1-chlorooctadecane (SURR)

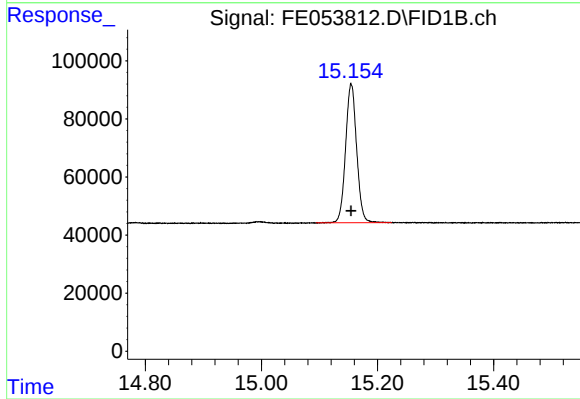
R.T.: 13.295 min
Delta R.T.: 0.000 min
Response: 587641
Conc: 4.96 ug/ml



#13 n-Docosane (C22)

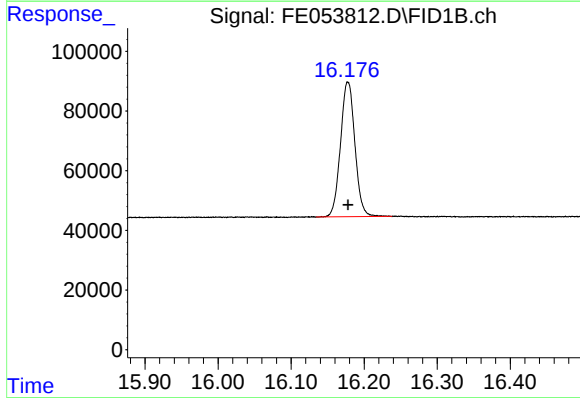
R.T.: 14.049 min
Delta R.T.: 0.000 min
Response: 643626
Conc: 5.05 ug/ml

Instrument :
FID_E
ClientSampleId :



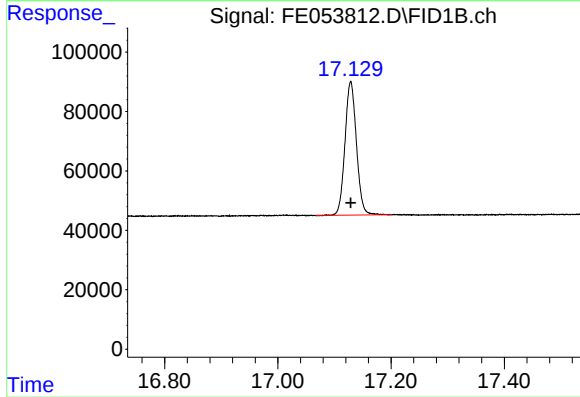
#14 n-Tetracosane (C24)

R.T.: 15.155 min
Delta R.T.: 0.000 min
Response: 631655
Conc: 5.05 ug/ml



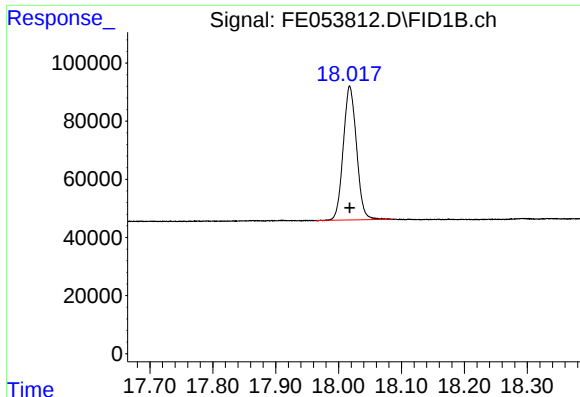
#15 n-Hexacosane (C26)

R.T.: 16.178 min
Delta R.T.: 0.000 min
Response: 619264
Conc: 5.06 ug/ml



#16 n-Octacosane (C28)

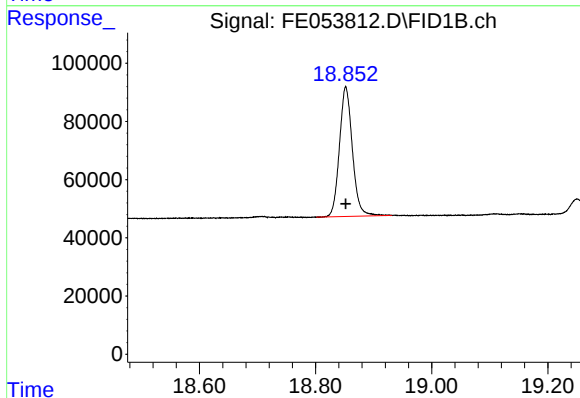
R.T.: 17.129 min
Delta R.T.: 0.000 min
Response: 632971
Conc: 5.21 ug/ml



#17 n-Tricontane (C30)

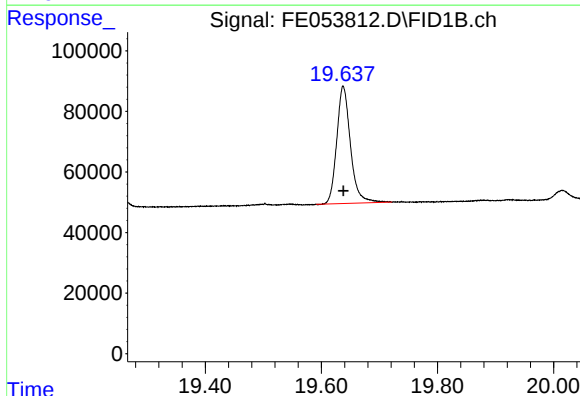
R.T.: 18.018 min
Delta R.T.: 0.000 min
Response: 674483
Conc: 5.41 ug/ml

Instrument :
FID_E
ClientSampleId :



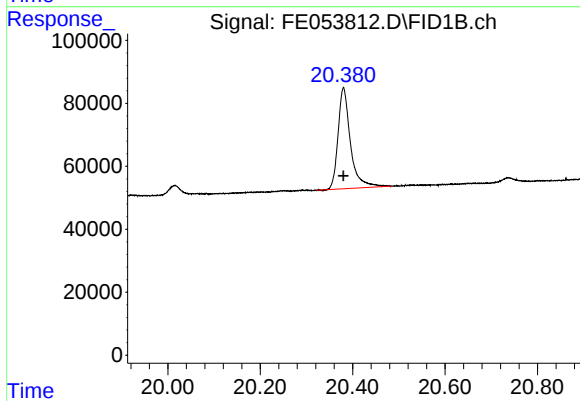
#18 n-Dotriacontane (C32)

R.T.: 18.852 min
Delta R.T.: 0.000 min
Response: 688933
Conc: 5.51 ug/ml



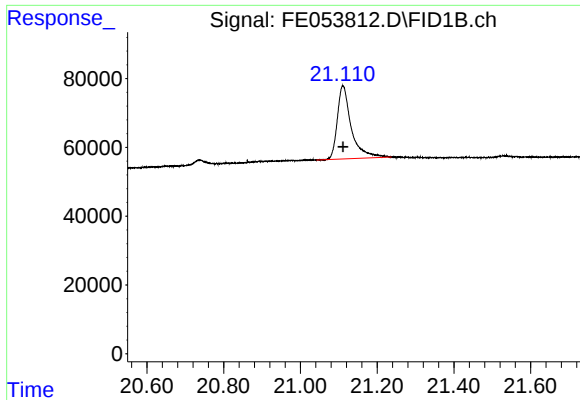
#19 n-Tetratriacontane (C34)

R.T.: 19.638 min
Delta R.T.: 0.000 min
Response: 636572
Conc: 5.34 ug/ml



#20 n-Hexatriacontane (C36)

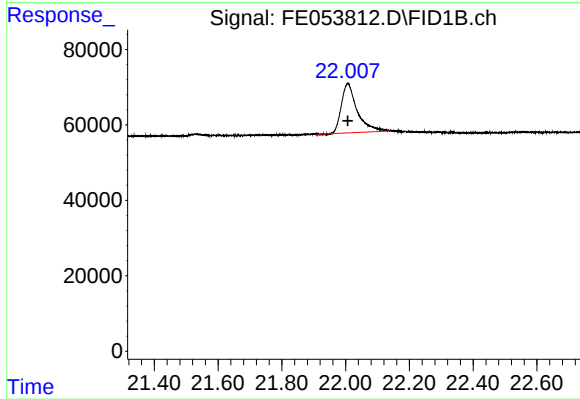
R.T.: 20.380 min
Delta R.T.: 0.000 min
Response: 597732
Conc: 5.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: 0.000 min
Response: 534678
Conc: 4.91 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.007 min
Delta R.T.: 0.000 min
Response: 446823
Conc: 4.50 ug/ml