

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040125AL\
 Data File : FE053125.D
 Signal(s) : FID1B.ch
 Acq On : 02 Apr 2025 08:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 02 09:23:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.889	3333897	20.468 ug/ml
Spiked Amount 50.000		Recovery =	40.94%
12) S 1-chlorooctadecane (S...	13.334	2473454	20.604 ug/ml
Spiked Amount 50.000		Recovery =	41.21%
Target Compounds			
1) T n-Nonane (C9)	3.237	3149631	20.341 ug/ml
2) T n-Decane (C10)	4.498	3230146	20.593 ug/ml
3) T A~Naphthalene (C11.7)	6.210	3444318	20.503 ug/ml
4) T n-Dodecane (C12)	6.678	3205235	20.494 ug/ml
5) T A~2-methylnaphthalene...	7.311	3285133	20.589 ug/ml
6) T n-Tetradecane (C14)	8.513	3139267	20.503 ug/ml
7) T n-Hexadecane (C16)	10.127	3194525	20.724 ug/ml
8) T n-Octadecane (C18)	11.575	3161857	20.848 ug/ml
10) T n-Eicosane (C20)	12.888	2986912	20.950 ug/ml
11) T n-Heneicosane (C21)	13.501	2904990	20.934 ug/ml
13) T n-Docosane (C22)	14.090	2875378	20.995 ug/ml
14) T n-Tetracosane (C24)	15.195	2884117	21.355 ug/ml
15) T n-Hexacosane (C26)	16.218	2833724	21.241 ug/ml
16) T n-Octacosane (C28)	17.170	2861446	21.683 ug/ml
17) T n-Tricontane (C30)	18.059	2980811	21.992 ug/ml
18) T n-Dotriacontane (C32)	18.893	2985520	22.187 ug/ml
19) T n-Tetratriacontane (C34)	19.677	2716299	20.992 ug/ml
20) T n-Hexatriacontane (C36)	20.419	2422639	20.394 ug/ml
21) T n-Octatriacontane (C38)	21.157	2384951	20.750 ug/ml
22) T n-Tetracontane (C40)	22.067	2317001	20.630 ug/ml

(f)=RT Delta > 1/2 Window

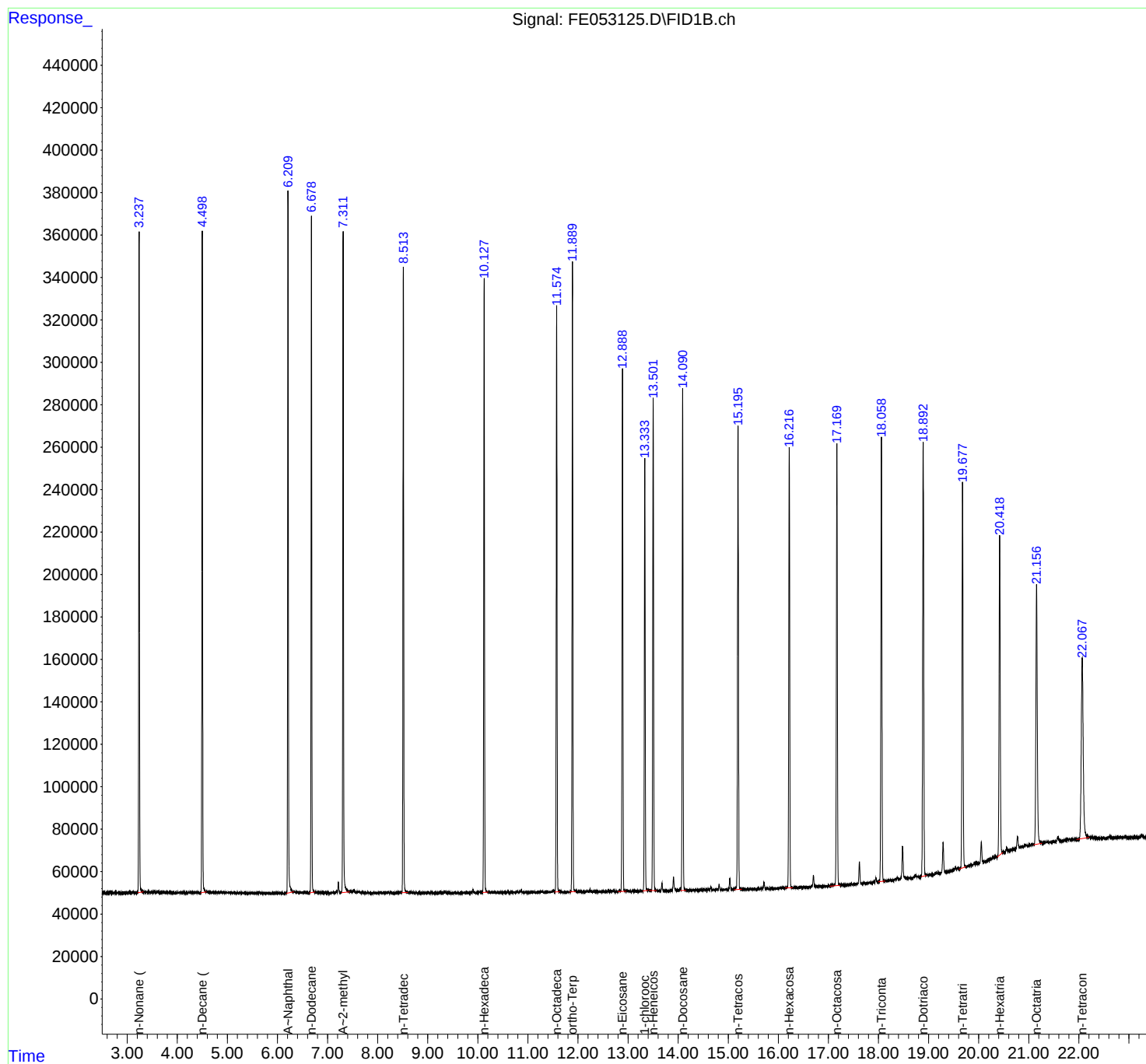
(m)=manual int.

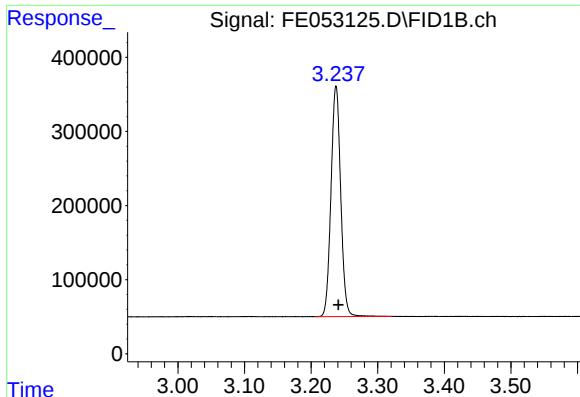
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040125AL\
Data File : FE053125.D
Signal(s) : FID1B.ch
Acq On : 02 Apr 2025 08:59
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Sample : 20 PPM ALIPHATIC HC STD
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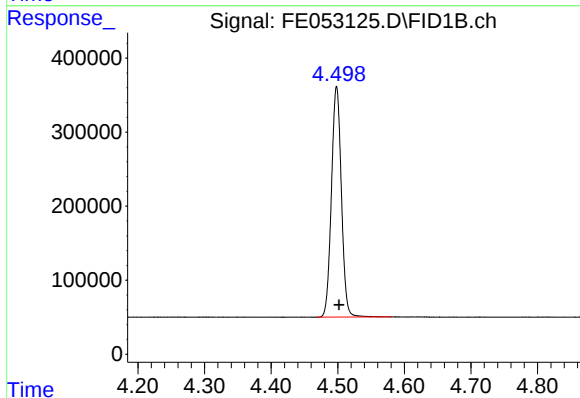




#1 n-Nonane (C9)

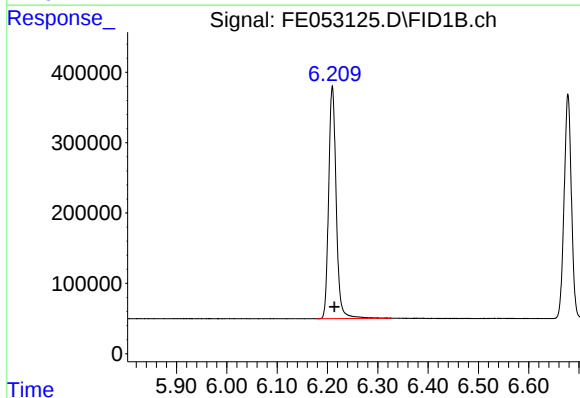
R.T.: 3.237 min
Delta R.T.: -0.004 min
Response: 3149631
Conc: 20.34 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



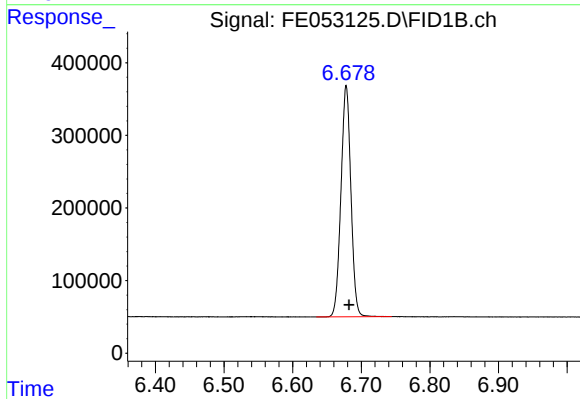
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: -0.004 min
Response: 3230146
Conc: 20.59 ug/ml



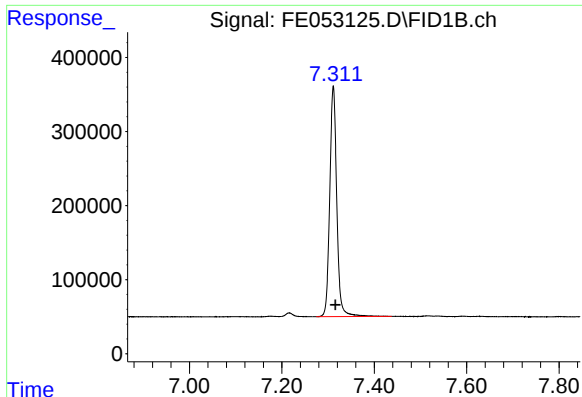
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.004 min
Response: 3444318
Conc: 20.50 ug/ml



#4 n-Dodecane (C12)

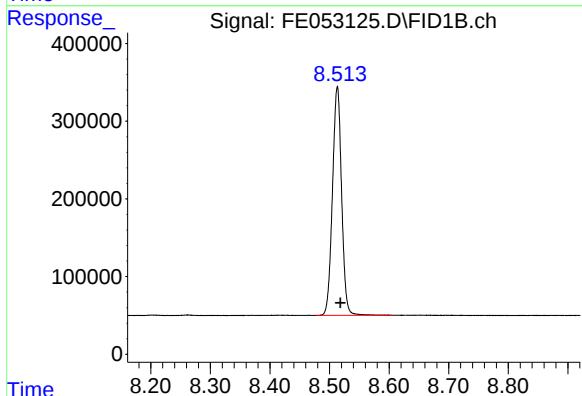
R.T.: 6.678 min
Delta R.T.: -0.004 min
Response: 3205235
Conc: 20.49 ug/ml



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

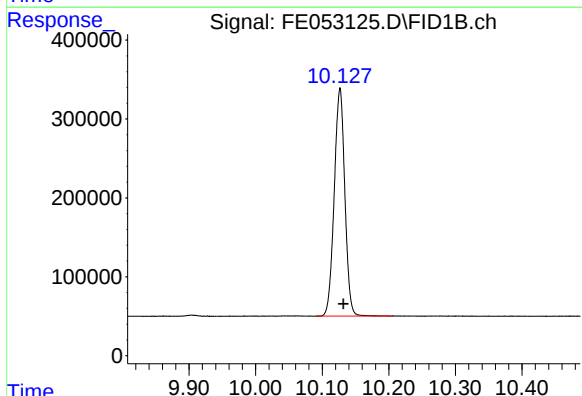
R.T.: 7.311 min
Delta R.T.: -0.005 min
Response: 3285133
Conc: 20.59 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



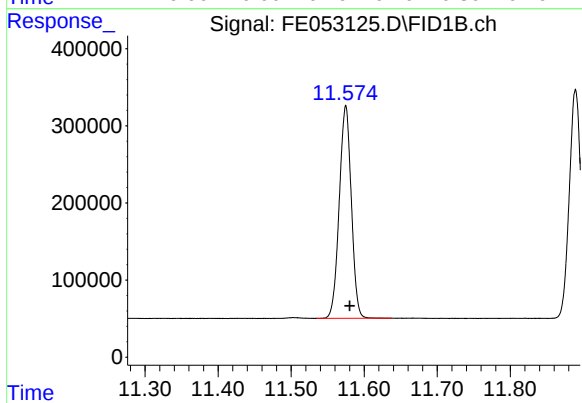
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: -0.005 min
Response: 3139267
Conc: 20.50 ug/ml



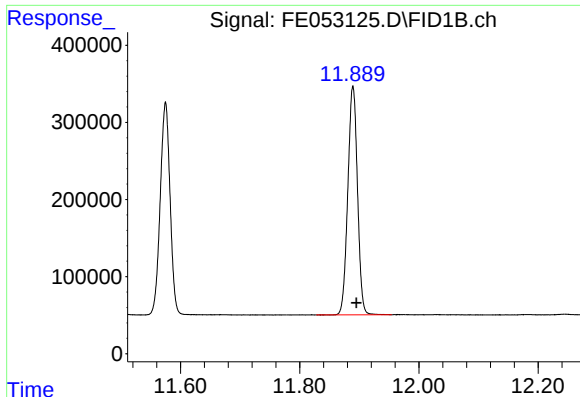
#7 n-Hexadecane (C16)

R.T.: 10.127 min
Delta R.T.: -0.005 min
Response: 3194525
Conc: 20.72 ug/ml



#8 n-Octadecane (C18)

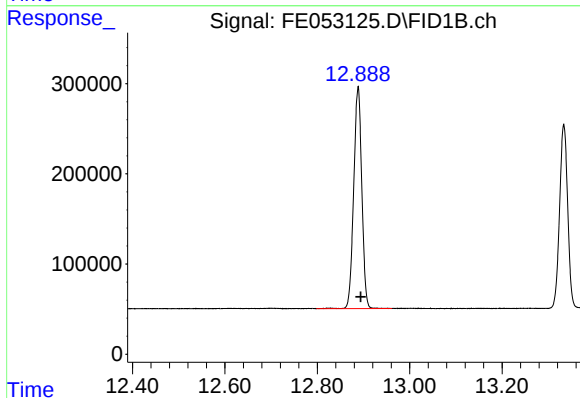
R.T.: 11.575 min
Delta R.T.: -0.006 min
Response: 3161857
Conc: 20.85 ug/ml



#9 ortho-Terphenyl (SURR)

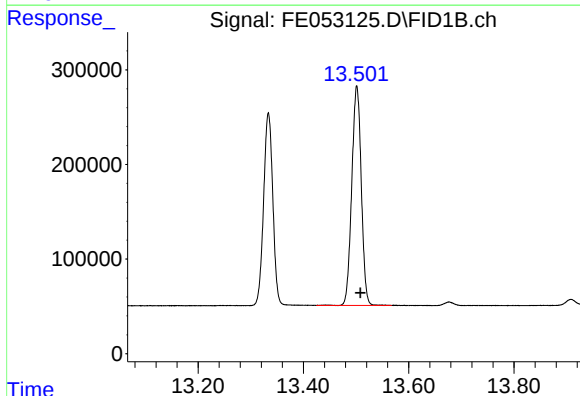
R.T.: 11.889 min
Delta R.T.: -0.006 min
Response: 3333897
Conc: 20.47 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



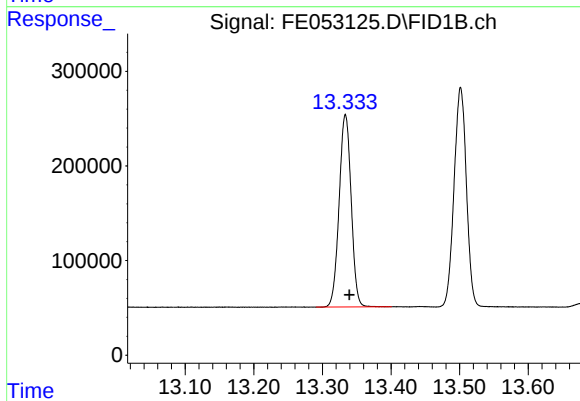
#10 n-Eicosane (C20)

R.T.: 12.888 min
Delta R.T.: -0.006 min
Response: 2986912
Conc: 20.95 ug/ml



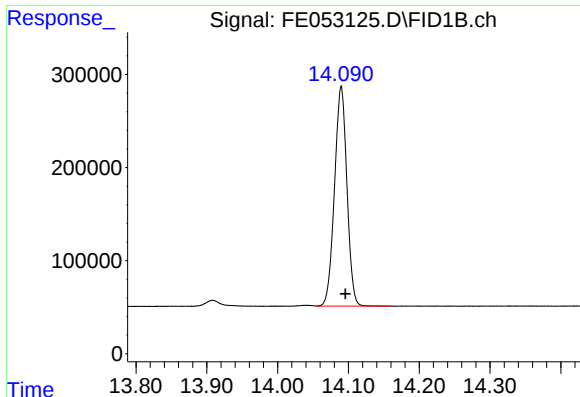
#11 n-Heneicosane (C21)

R.T.: 13.501 min
Delta R.T.: -0.007 min
Response: 2904990
Conc: 20.93 ug/ml



#12 1-chlorooctadecane (SURR)

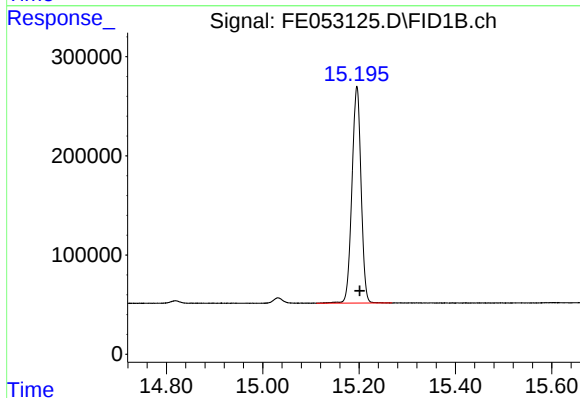
R.T.: 13.334 min
Delta R.T.: -0.006 min
Response: 2473454
Conc: 20.60 ug/ml



#13 n-Docosane (C22)

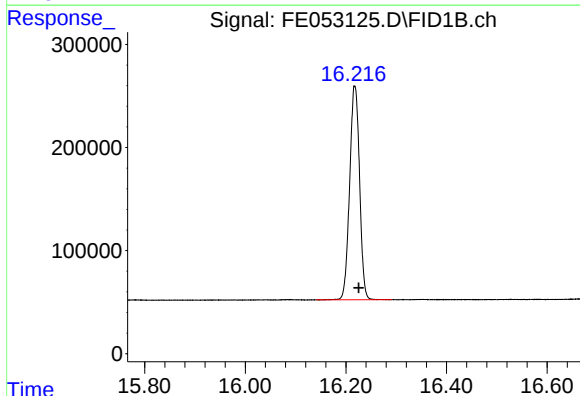
R.T.: 14.090 min
Delta R.T.: -0.006 min
Response: 2875378
Conc: 20.99 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



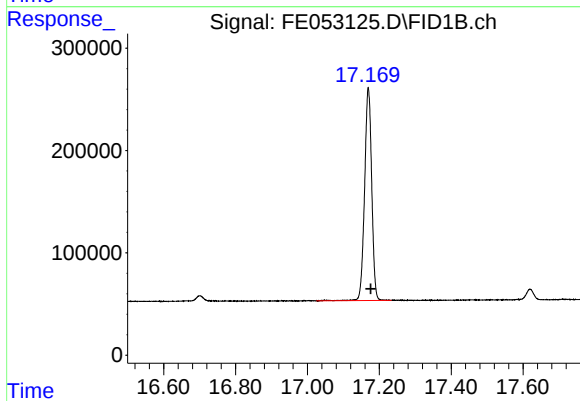
#14 n-Tetracosane (C24)

R.T.: 15.195 min
Delta R.T.: -0.006 min
Response: 2884117
Conc: 21.35 ug/ml



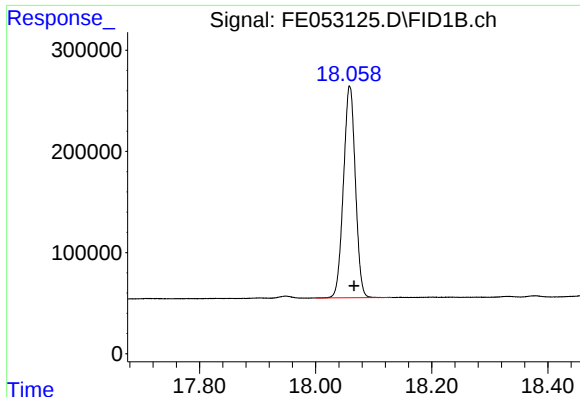
#15 n-Hexacosane (C26)

R.T.: 16.218 min
Delta R.T.: -0.008 min
Response: 2833724
Conc: 21.24 ug/ml



#16 n-Octacosane (C28)

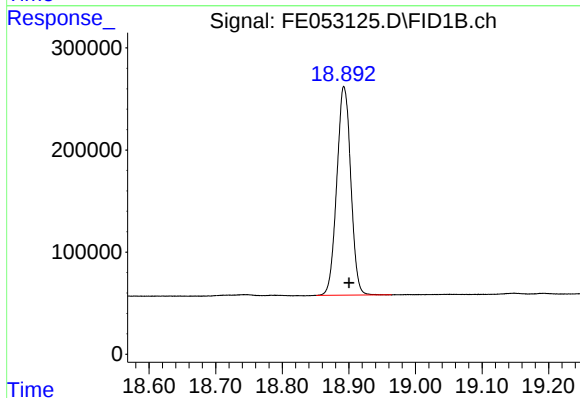
R.T.: 17.170 min
Delta R.T.: -0.007 min
Response: 2861446
Conc: 21.68 ug/ml



#17 n-Tricontane (C30)

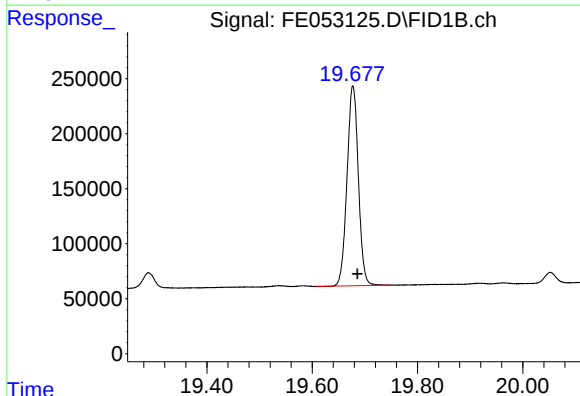
R.T.: 18.059 min
Delta R.T.: -0.008 min
Response: 2980811
Conc: 21.99 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



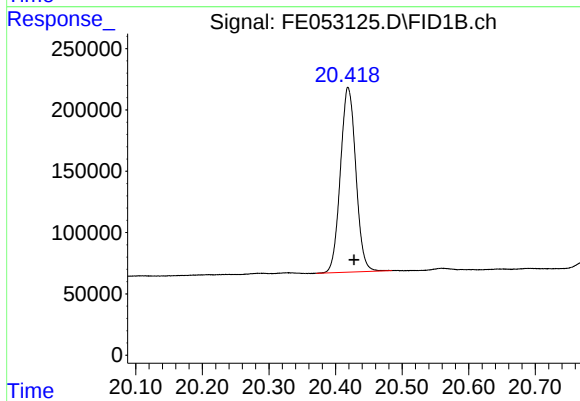
#18 n-Dotriacontane (C32)

R.T.: 18.893 min
Delta R.T.: -0.008 min
Response: 2985520
Conc: 22.19 ug/ml



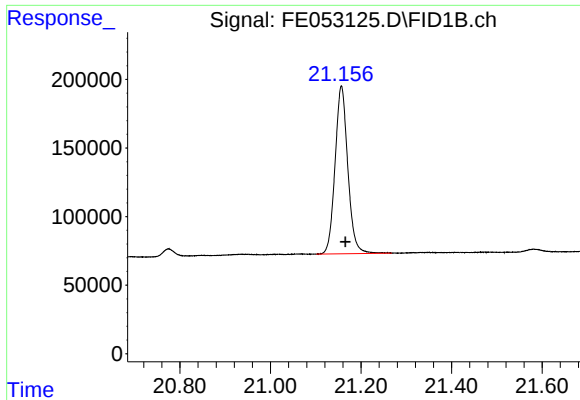
#19 n-Tetratriacontane (C34)

R.T.: 19.677 min
Delta R.T.: -0.008 min
Response: 2716299
Conc: 20.99 ug/ml



#20 n-Hexatriacontane (C36)

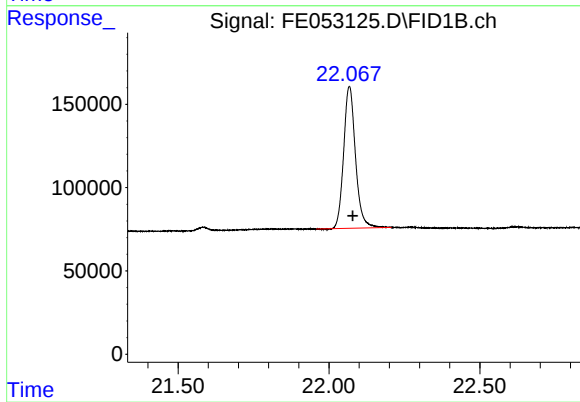
R.T.: 20.419 min
Delta R.T.: -0.009 min
Response: 2422639
Conc: 20.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.157 min
Delta R.T.: -0.008 min
Response: 2384951
Conc: 20.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.067 min
Delta R.T.: -0.011 min
Response: 2317001
Conc: 20.63 ug/ml