

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121125AL\
 Data File : FE057308.D
 Signal(s) : FID1B.ch
 Acq On : 11 Dec 2025 09:25
 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 12 00:15:16 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)	11.928	4358165	19.860 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
12) S 1-chlorooctadecane (S...	13.366	3304813	19.857 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
Target Compounds			
1) T n-Nonane (C9)	3.287	3730475	19.071 ug/ml
2) T n-Decane (C10)	4.540	3986277	19.709 ug/ml
3) T A~Naphthalene (C11.7)	6.259	3977585	19.757 ug/ml
4) T n-Dodecane (C12)	6.713	4076623	19.974 ug/ml
5) T A~2-methylnaphthalene...	7.359	3730032	19.412 ug/ml
6) T n-Tetradecane (C14)	8.546	4001889	19.882 ug/ml
7) T n-Hexadecane (C16)	10.158	4074375	19.868 ug/ml
8) T n-Octadecane (C18)	11.604	4103067	19.907 ug/ml
10) T n-Eicosane (C20)	12.917	3892951	19.790 ug/ml
11) T n-Heneicosane (C21)	13.532	3800170	19.780 ug/ml
13) T n-Docosane (C22)	14.119	3776881	19.565 ug/ml
14) T n-Tetracosane (C24)	15.226	3725920	18.812 ug/ml
15) T n-Hexacosane (C26)	16.249	3664311	18.470 ug/ml
16) T n-Octacosane (C28)	17.200	3686716	17.940 ug/ml
17) T n-Tricontane (C30)	18.091	3861359	17.206 ug/ml
18) T n-Dotriacontane (C32)	18.924	3889311	16.661 ug/ml
19) T n-Tetratriacontane (C34)	19.711	3679059	17.225 ug/ml
20) T n-Hexatriacontane (C36)	20.452	3332949	17.907 ug/ml
21) T n-Octatriacontane (C38)	21.198	3170470	18.294 ug/ml
22) T n-Tetracontane (C40)	22.125	3109319	18.451 ug/ml

(f)=RT Delta > 1/2 Window

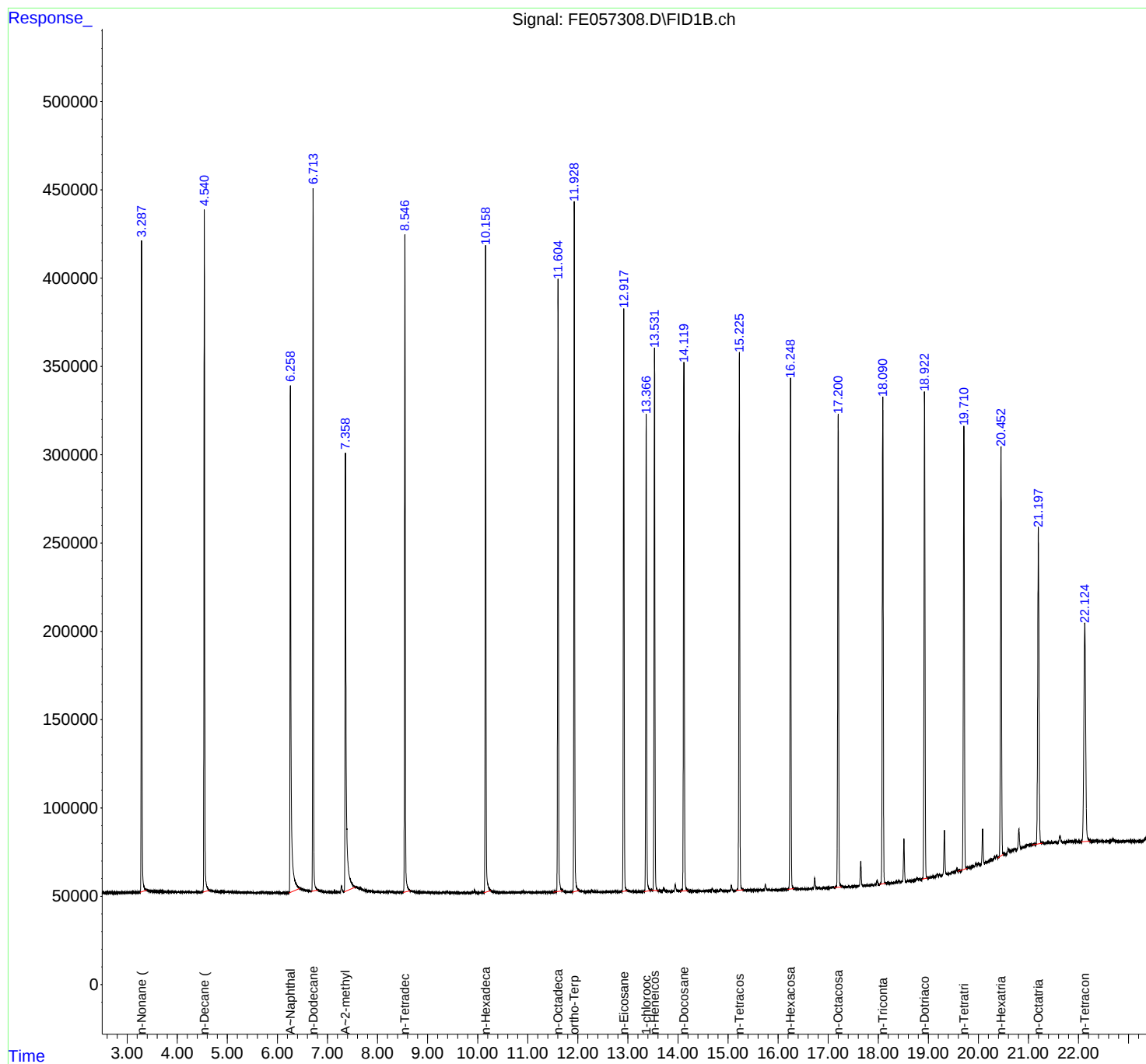
(m)=manual int.

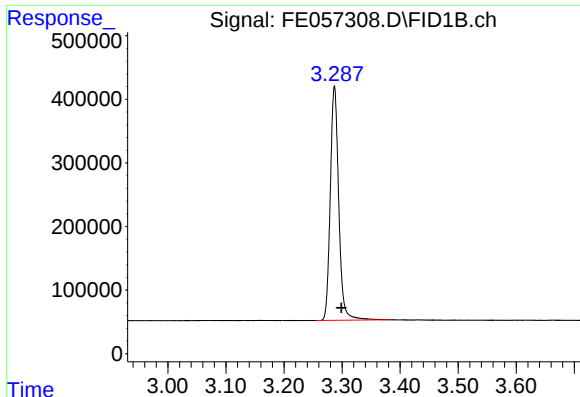
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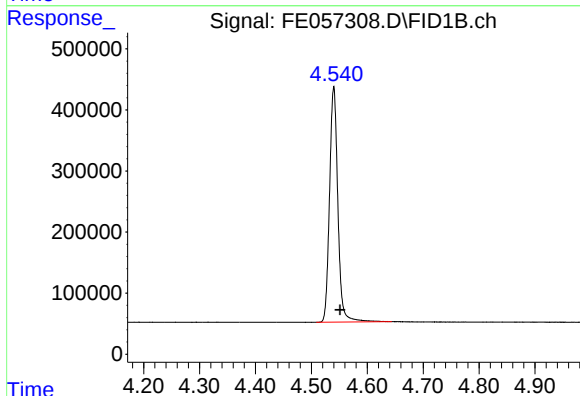




#1 n-Nonane (C9)

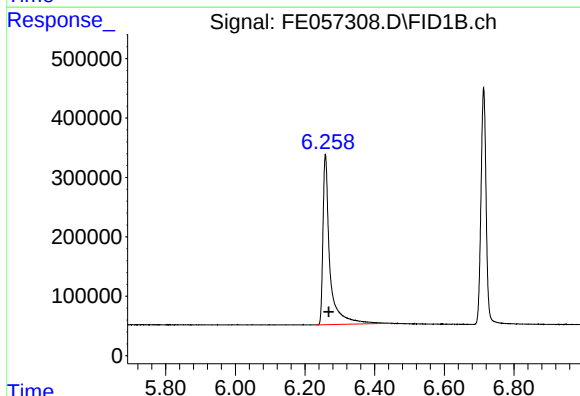
R.T.: 3.287 min
Delta R.T.: -0.012 min
Response: 3730475
Conc: 19.07 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



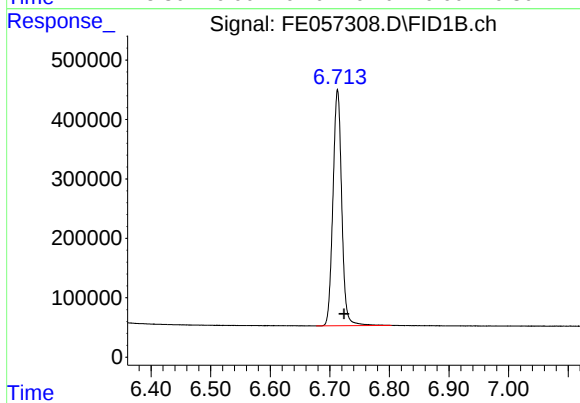
#2 n-Decane (C10)

R.T.: 4.540 min
Delta R.T.: -0.011 min
Response: 3986277
Conc: 19.71 ug/ml



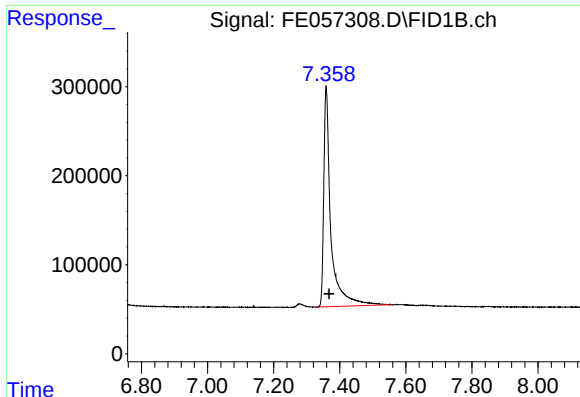
#3 A~Naphthalene (C11.7)

R.T.: 6.259 min
Delta R.T.: -0.009 min
Response: 3977585
Conc: 19.76 ug/ml



#4 n-Dodecane (C12)

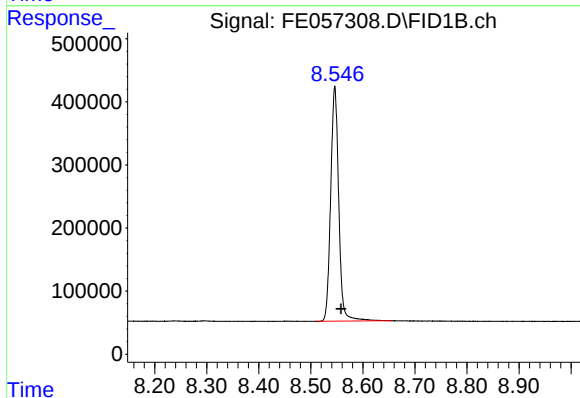
R.T.: 6.713 min
Delta R.T.: -0.011 min
Response: 4076623
Conc: 19.97 ug/ml



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

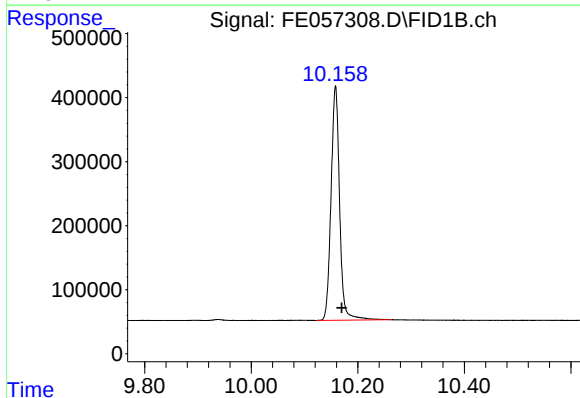
R.T.: 7.359 min
Delta R.T.: -0.008 min
Response: 3730032
Conc: 19.41 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



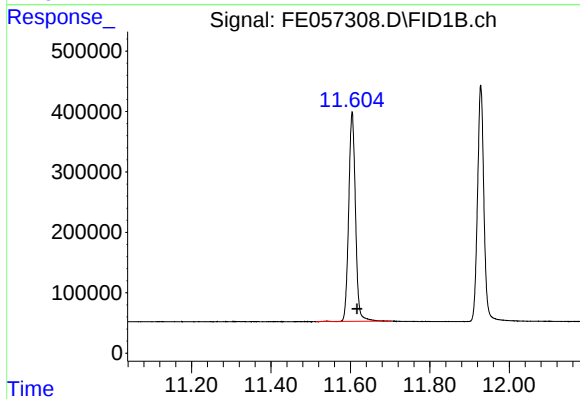
#6 n-Tetradecane (C14)

R.T.: 8.546 min
Delta R.T.: -0.012 min
Response: 4001889
Conc: 19.88 ug/ml



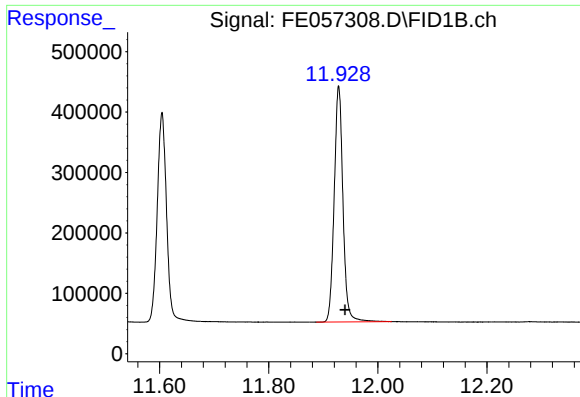
#7 n-Hexadecane (C16)

R.T.: 10.158 min
Delta R.T.: -0.012 min
Response: 4074375
Conc: 19.87 ug/ml



#8 n-Octadecane (C18)

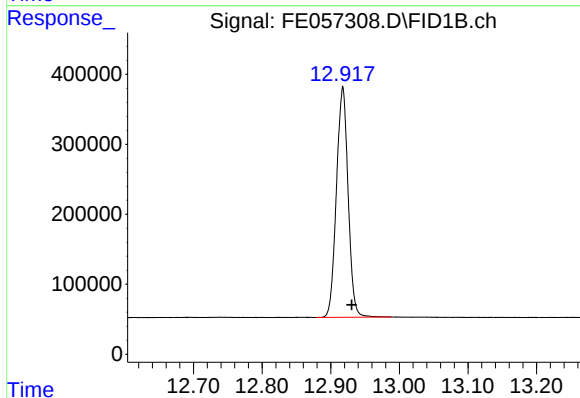
R.T.: 11.604 min
Delta R.T.: -0.013 min
Response: 4103067
Conc: 19.91 ug/ml



#9 ortho-Terphenyl (SURR)

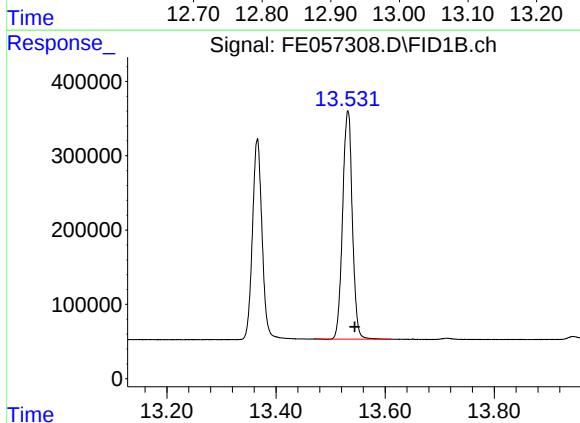
R.T.: 11.928 min
Delta R.T.: -0.012 min
Response: 4358165
Conc: 19.86 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



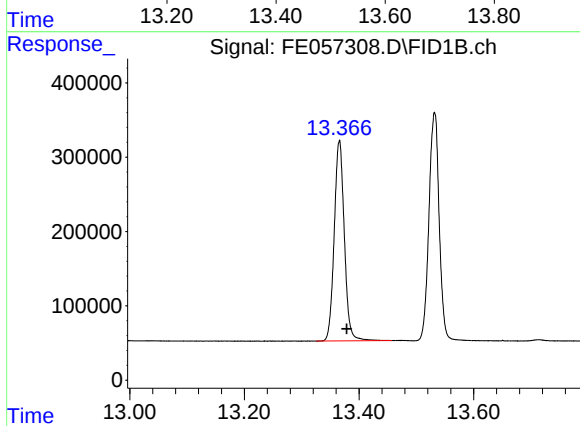
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: -0.013 min
Response: 3892951
Conc: 19.79 ug/ml



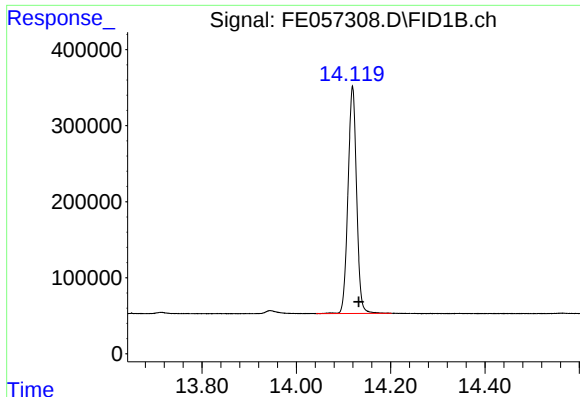
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: -0.013 min
Response: 3800170
Conc: 19.78 ug/ml



#12 1-chlorooctadecane (SURR)

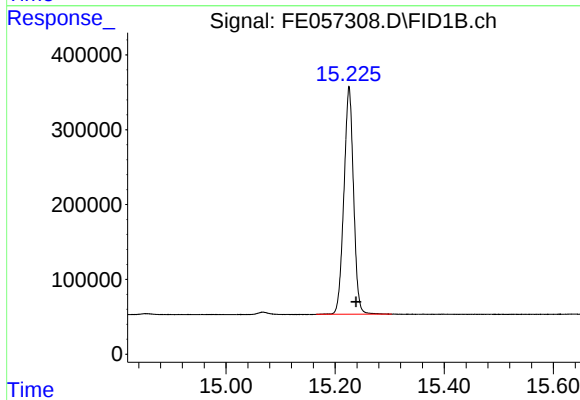
R.T.: 13.366 min
Delta R.T.: -0.013 min
Response: 3304813
Conc: 19.86 ug/ml



#13 n-Docosane (C22)

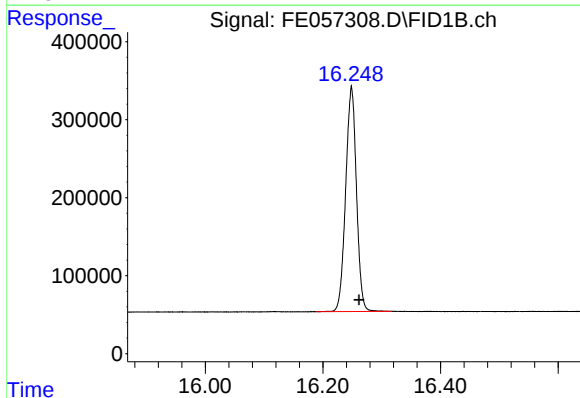
R.T.: 14.119 min
Delta R.T.: -0.013 min
Response: 3776881
Conc: 19.57 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



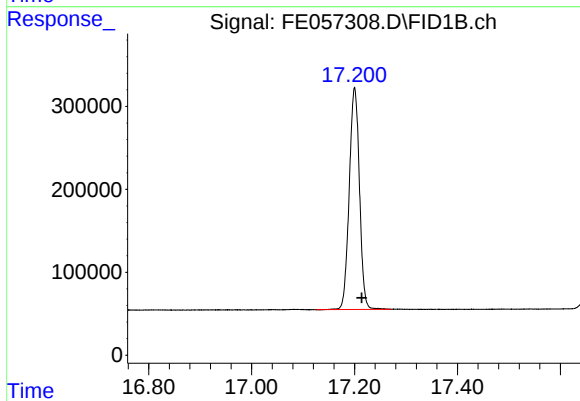
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: -0.013 min
Response: 3725920
Conc: 18.81 ug/ml



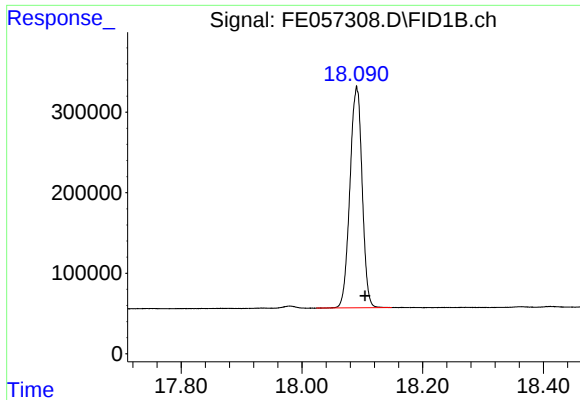
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: -0.013 min
Response: 3664311
Conc: 18.47 ug/ml



#16 n-Octacosane (C28)

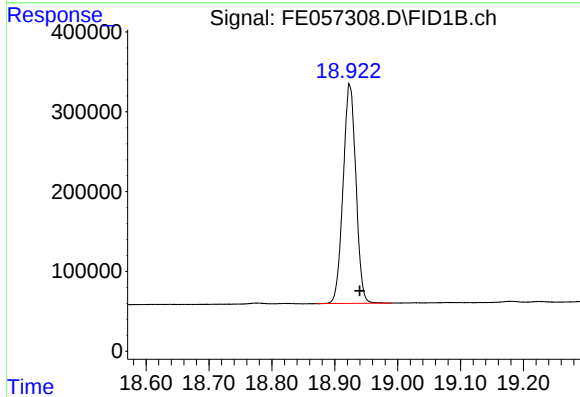
R.T.: 17.200 min
Delta R.T.: -0.014 min
Response: 3686716
Conc: 17.94 ug/ml



#17 n-Tricontane (C30)

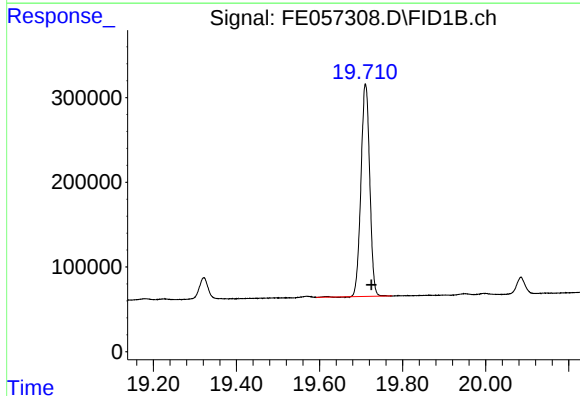
R.T.: 18.091 min
Delta R.T.: -0.014 min
Response: 3861359
Conc: 17.21 ug/ml

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20 PPM ALIPHATIC HC STD



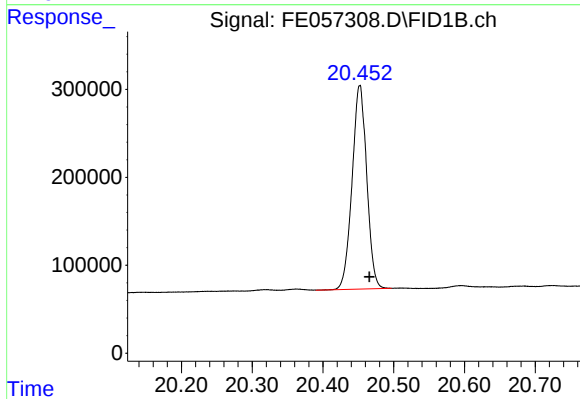
#18 n-Dotriacontane (C32)

R.T.: 18.924 min
Delta R.T.: -0.016 min
Response: 3889311
Conc: 16.66 ug/ml



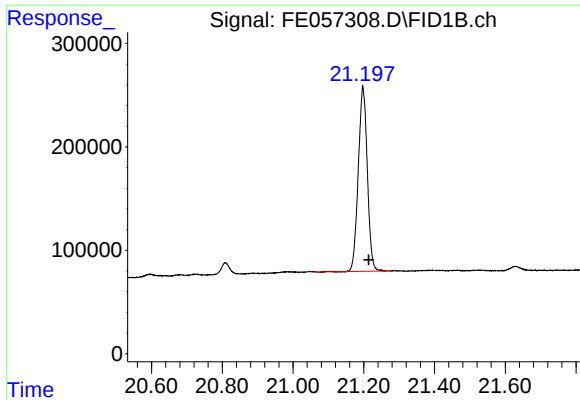
#19 n-Tetratriacontane (C34)

R.T.: 19.711 min
Delta R.T.: -0.014 min
Response: 3679059
Conc: 17.23 ug/ml



#20 n-Hexatriacontane (C36)

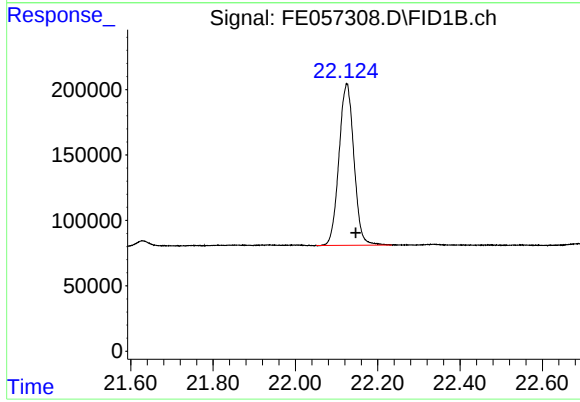
R.T.: 20.452 min
Delta R.T.: -0.014 min
Response: 3332949
Conc: 17.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: -0.016 min
Response: 3170470
Conc: 18.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.125 min
Delta R.T.: -0.022 min
Response: 3109319
Conc: 18.45 ug/ml