

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102725AL\
 Data File : FE056507.D
 Signal(s) : FID1B.ch
 Acq On : 27 Oct 2025 09:13
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 27 11:50:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 24 08:17:58 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)	11.991	3734388	18.280 ug/ml
Spiked Amount 50.000		Recovery =	36.56%
12) S 1-chlorooctadecane (S...	13.431	2724324	17.855 ug/ml
Spiked Amount 50.000		Recovery =	35.71%
Target Compounds			
1) T n-Nonane (C9)	3.345	2988148	18.332 ug/ml
2) T n-Decane (C10)	4.598	3303455	20.088 ug/ml
3) T A~Naphthalene (C11.7)	6.312	3422616	19.361 ug/ml
4) T n-Dodecane (C12)	6.771	3395380	20.237 ug/ml
5) T A~2-methylnaphthalene...	7.412	3284301	19.711 ug/ml
6) T n-Tetradecane (C14)	8.607	3335542	20.078 ug/ml
7) T n-Hexadecane (C16)	10.220	3413718	19.512 ug/ml
8) T n-Octadecane (C18)	11.669	3452825	18.929 ug/ml
10) T n-Eicosane (C20)	12.984	3272502	18.380 ug/ml
11) T n-Heneicosane (C21)	13.597	3182569	18.139 ug/ml
13) T n-Docosane (C22)	14.185	3188885	18.015 ug/ml
14) T n-Tetracosane (C24)	15.291	3163368	17.387 ug/ml
15) T n-Hexacosane (C26)	16.316	3096853	17.252 ug/ml
16) T n-Octacosane (C28)	17.268	3090104	17.370 ug/ml
17) T n-Tricontane (C30)	18.157	3228122	17.780 ug/ml
18) T n-Dotriacontane (C32)	18.992	3180414	18.040 ug/ml
19) T n-Tetratriacontane (C34)	19.778	2904746	18.765 ug/ml
20) T n-Hexatriacontane (C36)	20.519	2463123	19.715 ug/ml
21) T n-Octatriacontane (C38)	21.276	2200464	21.061 ug/ml
22) T n-Tetracontane (C40)	22.226	2027001	22.338 ug/ml

(f)=RT Delta > 1/2 Window

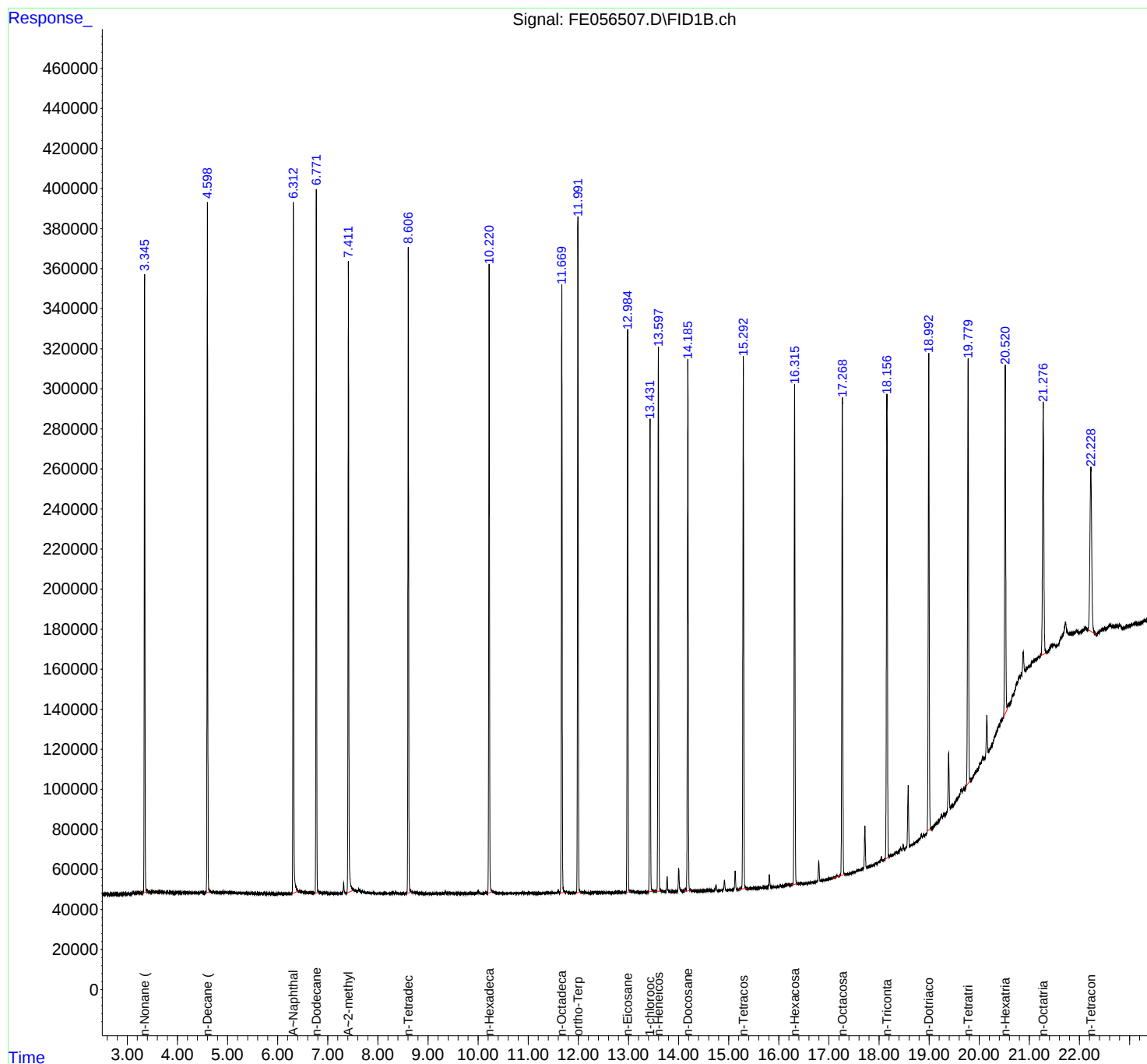
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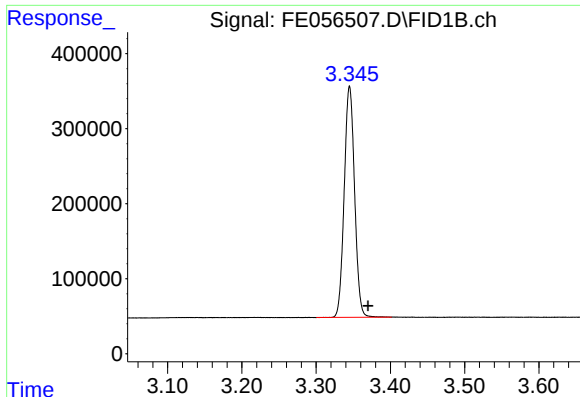
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102725AL\
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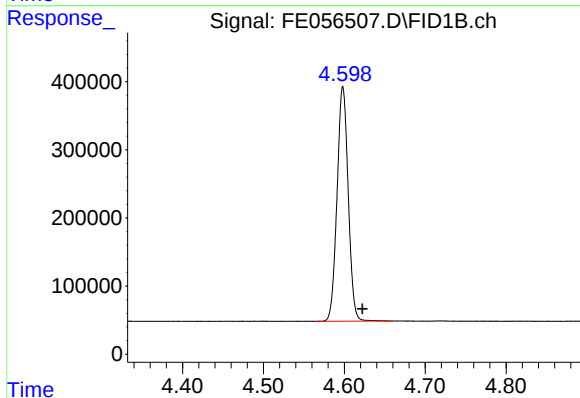




#1 n-Nonane (C9)

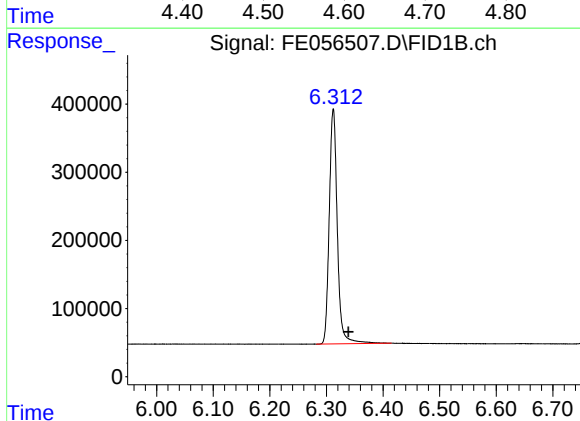
R.T.: 3.345 min
Delta R.T.: -0.025 min
Response: 2988148
Conc: 18.33 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



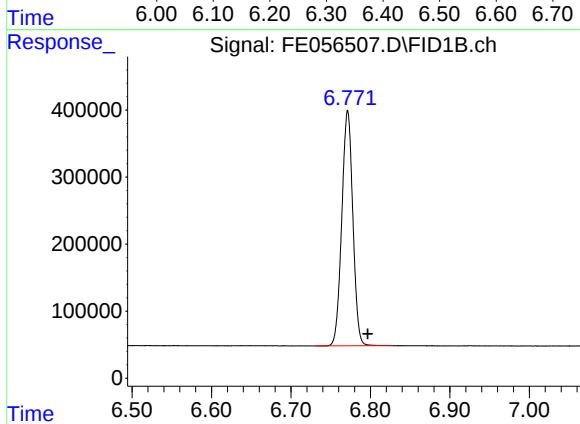
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: -0.024 min
Response: 3303455
Conc: 20.09 ug/ml



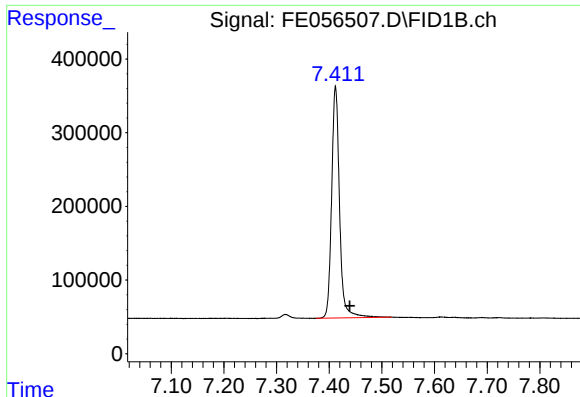
#3 A~Naphthalene (C11.7)

R.T.: 6.312 min
Delta R.T.: -0.027 min
Response: 3422616
Conc: 19.36 ug/ml



#4 n-Dodecane (C12)

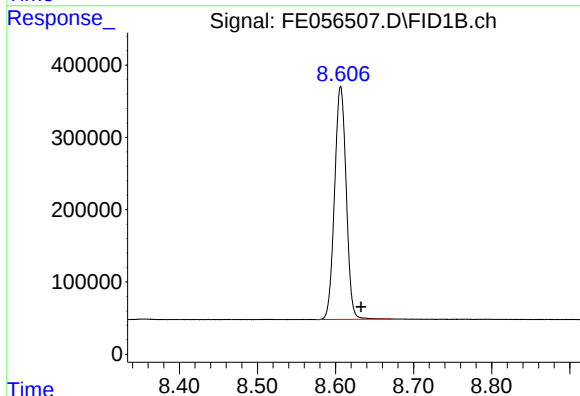
R.T.: 6.771 min
Delta R.T.: -0.025 min
Response: 3395380
Conc: 20.24 ug/ml



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

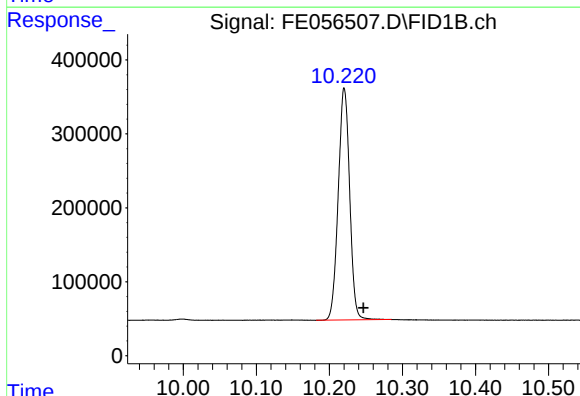
R.T.: 7.412 min
Delta R.T.: -0.027 min
Response: 3284301
Conc: 19.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



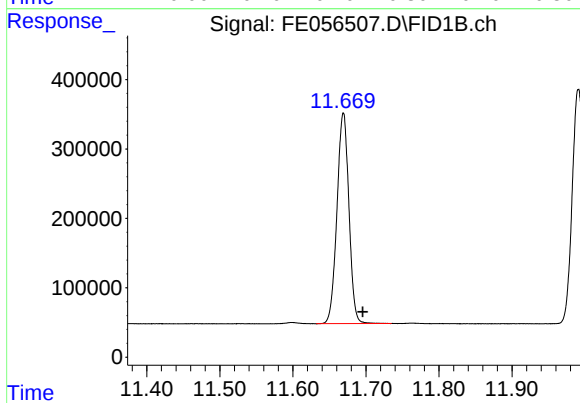
#6 n-Tetradecane (C14)

R.T.: 8.607 min
Delta R.T.: -0.026 min
Response: 3335542
Conc: 20.08 ug/ml



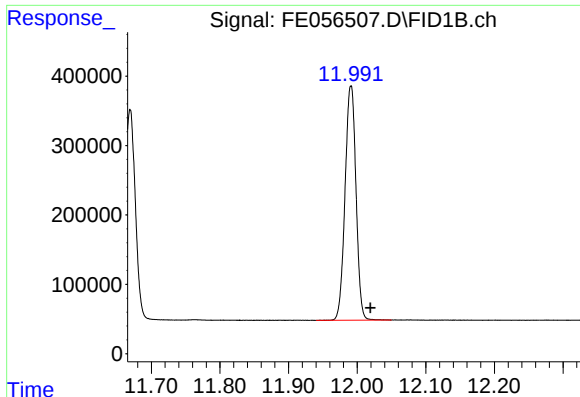
#7 n-Hexadecane (C16)

R.T.: 10.220 min
Delta R.T.: -0.026 min
Response: 3413718
Conc: 19.51 ug/ml



#8 n-Octadecane (C18)

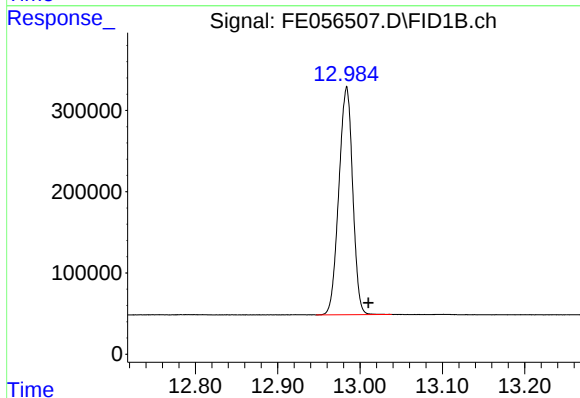
R.T.: 11.669 min
Delta R.T.: -0.026 min
Response: 3452825
Conc: 18.93 ug/ml



#9 ortho-Terphenyl (SURR)

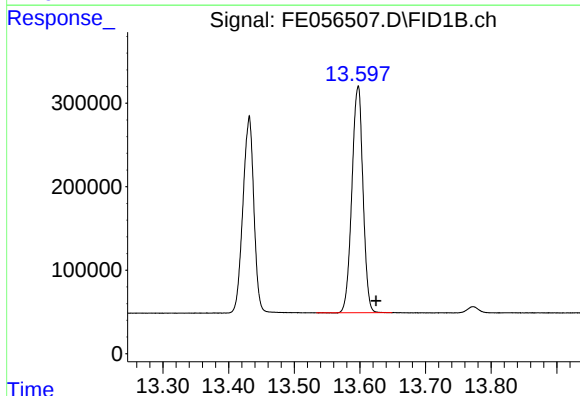
R.T.: 11.991 min
Delta R.T.: -0.029 min
Response: 3734388
Conc: 18.28 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



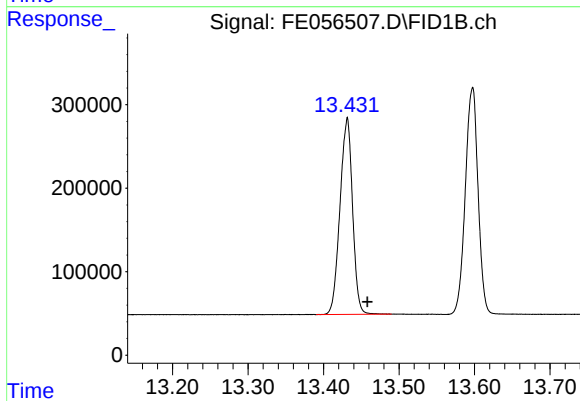
#10 n-Eicosane (C20)

R.T.: 12.984 min
Delta R.T.: -0.027 min
Response: 3272502
Conc: 18.38 ug/ml



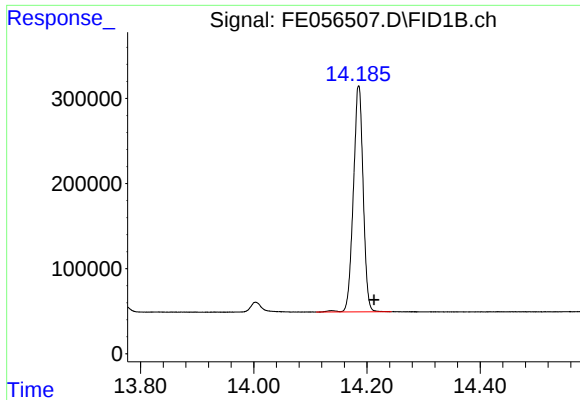
#11 n-Heneicosane (C21)

R.T.: 13.597 min
Delta R.T.: -0.028 min
Response: 3182569
Conc: 18.14 ug/ml



#12 1-chlorooctadecane (SURR)

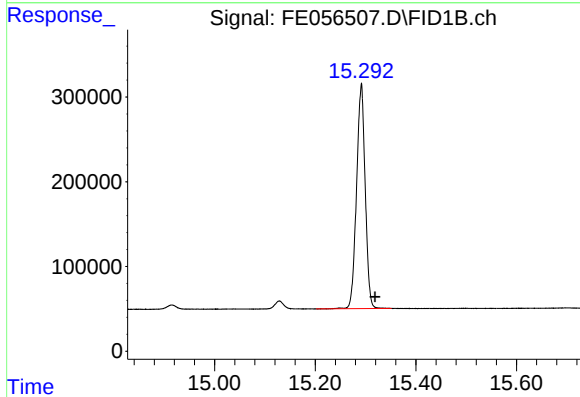
R.T.: 13.431 min
Delta R.T.: -0.027 min
Response: 2724324
Conc: 17.85 ug/ml



#13 n-Docosane (C22)

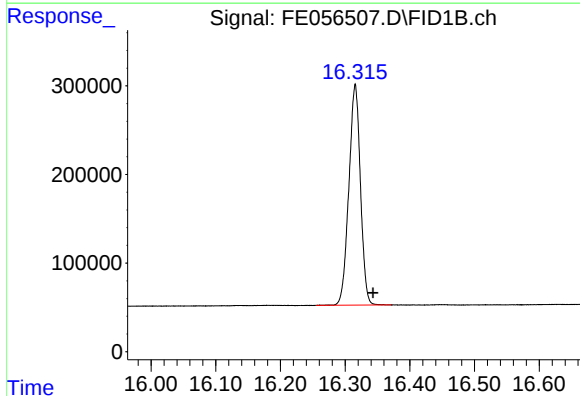
R.T.: 14.185 min
Delta R.T.: -0.027 min
Response: 3188885
Conc: 18.01 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



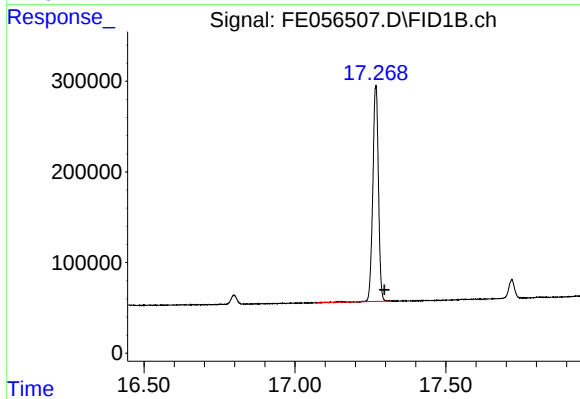
#14 n-Tetracosane (C24)

R.T.: 15.291 min
Delta R.T.: -0.028 min
Response: 3163368
Conc: 17.39 ug/ml



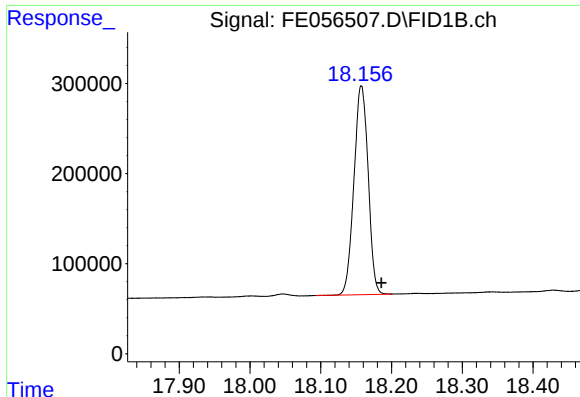
#15 n-Hexacosane (C26)

R.T.: 16.316 min
Delta R.T.: -0.027 min
Response: 3096853
Conc: 17.25 ug/ml



#16 n-Octacosane (C28)

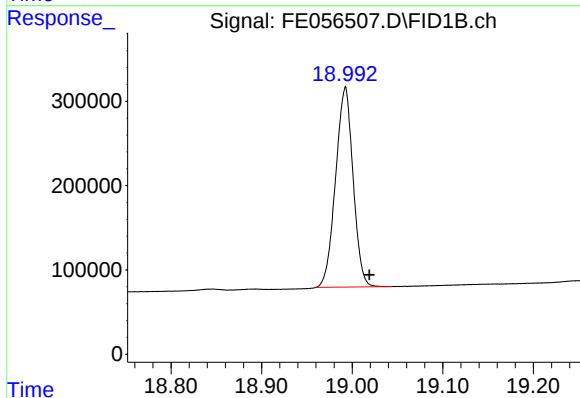
R.T.: 17.268 min
Delta R.T.: -0.028 min
Response: 3090104
Conc: 17.37 ug/ml



#17 n-Tricontane (C30)

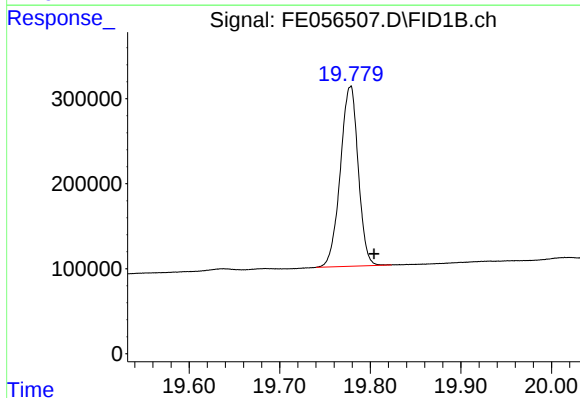
R.T.: 18.157 min
Delta R.T.: -0.028 min
Response: 3228122
Conc: 17.78 ug/ml

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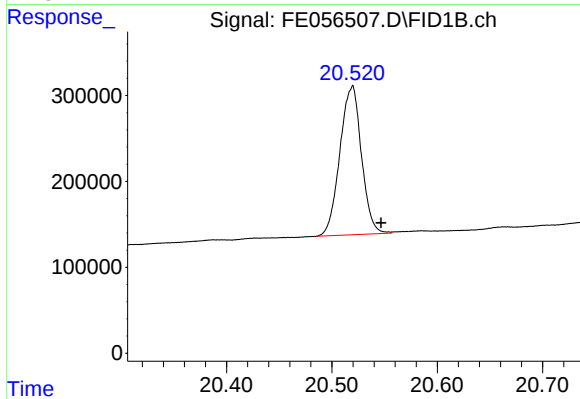
#18 n-Dotriacontane (C32)

R.T.: 18.992 min
Delta R.T.: -0.027 min
Response: 3180414
Conc: 18.04 ug/ml



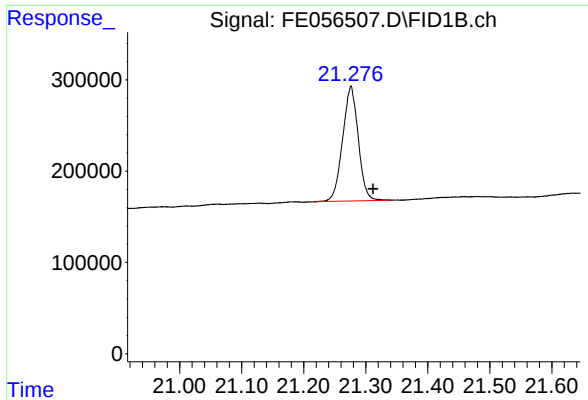
#19 n-Tetratriacontane (C34)

R.T.: 19.778 min
Delta R.T.: -0.026 min
Response: 2904746
Conc: 18.76 ug/ml



#20 n-Hexatriacontane (C36)

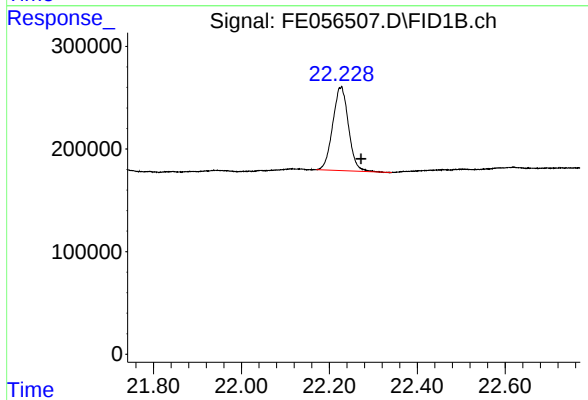
R.T.: 20.519 min
Delta R.T.: -0.028 min
Response: 2463123
Conc: 19.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.276 min
Delta R.T.: -0.036 min
Response: 2200464
Conc: 21.06 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.226 min
Delta R.T.: -0.046 min
Response: 2027001
Conc: 22.34 ug/ml