

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082725AL\
 Data File : FE055534.D
 Signal(s) : FID1B.ch
 Acq On : 27 Aug 2025 10:52
 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: Aug 27 11:37:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.076	2697510	18.890 ug/ml
Spiked Amount 50.000		Recovery =	37.78%
12) S 1-chlorooctadecane (S...	13.513	2063234	19.189 ug/ml
Spiked Amount 50.000		Recovery =	38.38%
Target Compounds			
1) T n-Nonane (C9)	3.414	2001580	17.440 ug/ml
2) T n-Decane (C10)	4.672	2073164	17.796 ug/ml
3) T A~Naphthalene (C11.7)	6.392	2357890	17.566 ug/ml
4) T n-Dodecane (C12)	6.848	2122324	17.822 ug/ml
5) T A~2-methylnaphthalene...	7.493	2300472	17.644 ug/ml
6) T n-Tetradecane (C14)	8.686	2155532	17.580 ug/ml
7) T n-Hexadecane (C16)	10.300	2267951	17.740 ug/ml
8) T n-Octadecane (C18)	11.749	2402437	18.413 ug/ml
10) T n-Eicosane (C20)	13.065	2370153	18.890 ug/ml
11) T n-Heneicosane (C21)	13.680	2350592	19.069 ug/ml
13) T n-Docosane (C22)	14.268	2379434	19.484 ug/ml
14) T n-Tetracosane (C24)	15.374	2417955	19.879 ug/ml
15) T n-Hexacosane (C26)	16.399	2379522	19.888 ug/ml
16) T n-Octacosane (C28)	17.350	2427553	20.464 ug/ml
17) T n-Tricontane (C30)	18.240	2717153	22.082 ug/ml
18) T n-Dotriacontane (C32)	19.075	2918582	23.921 ug/ml
19) T n-Tetratriacontane (C34)	19.861	2798620	23.936 ug/ml
20) T n-Hexatriacontane (C36)	20.602	2430648	22.239 ug/ml
21) T n-Octatriacontane (C38)	21.380	2252736	20.845 ug/ml
22) T n-Tetracontane (C40)	22.367	2098824	20.070 ug/ml

(f)=RT Delta > 1/2 Window

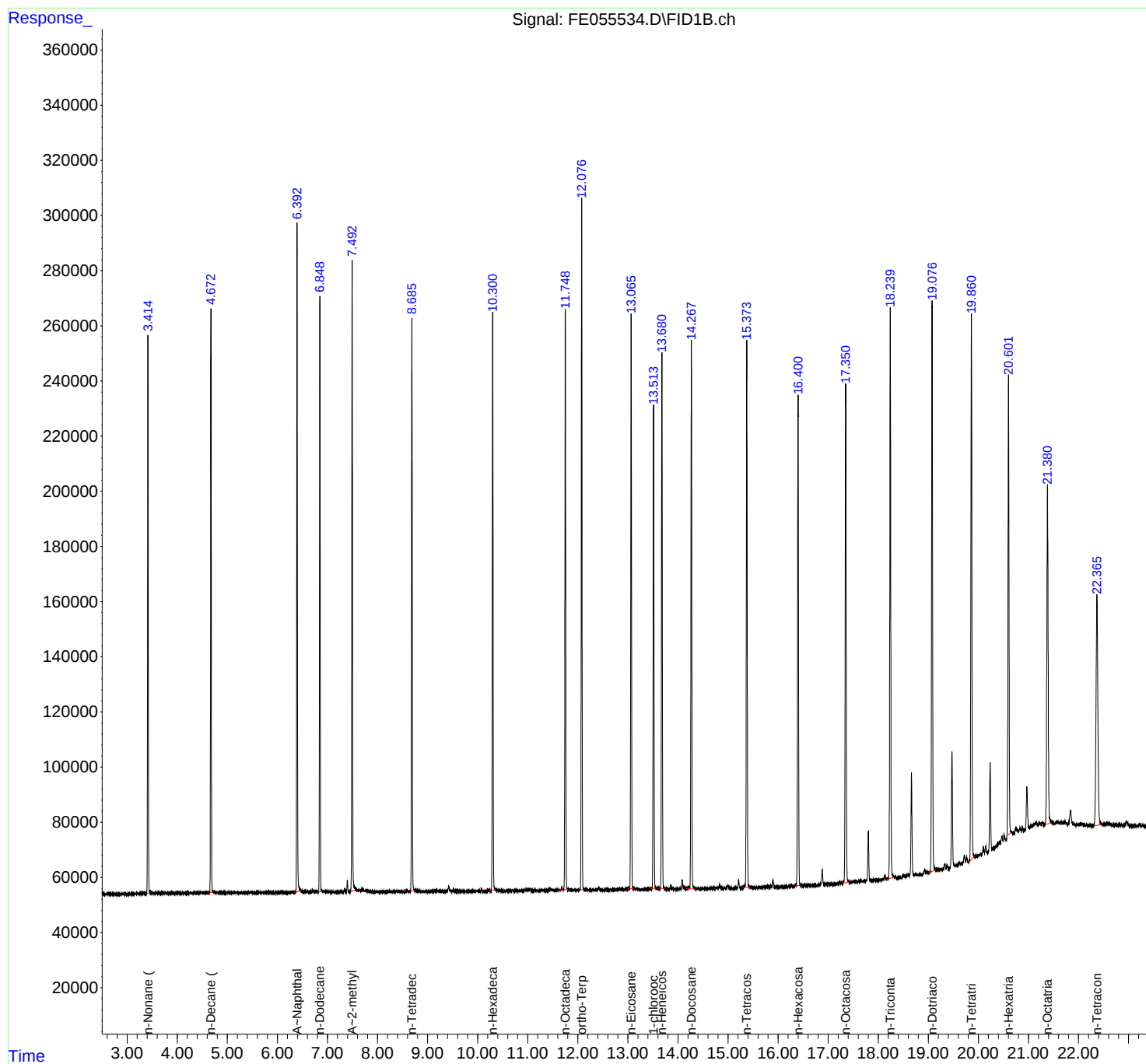
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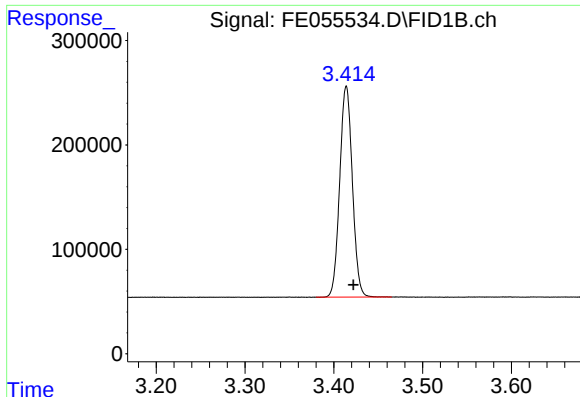
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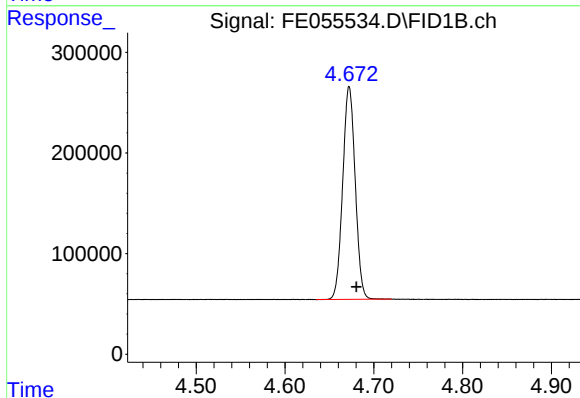




#1 n-Nonane (C9)

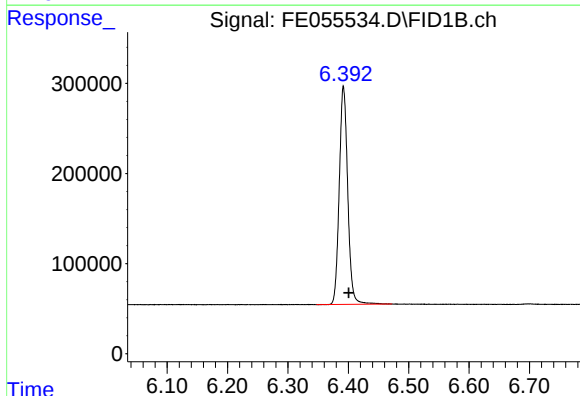
R.T.: 3.414 min
Delta R.T.: -0.008 min
Response: 2001580
Conc: 17.44 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



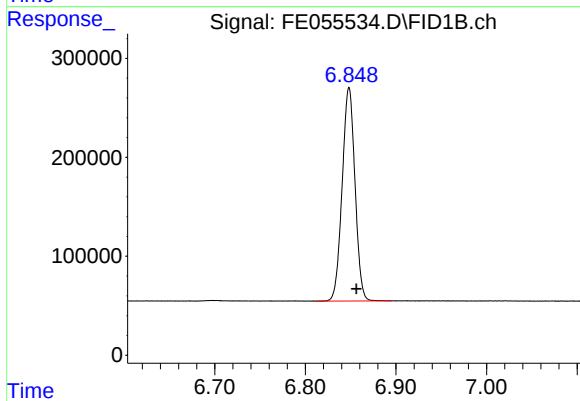
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: -0.008 min
Response: 2073164
Conc: 17.80 ug/ml



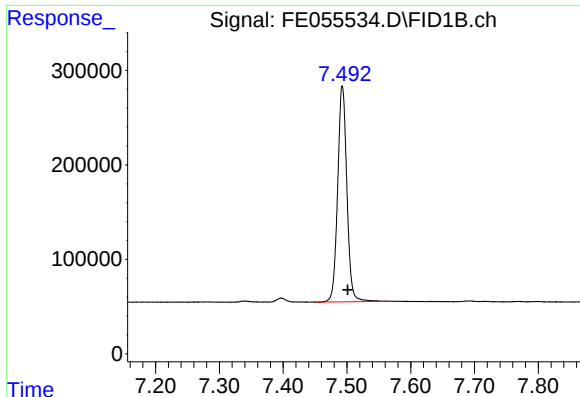
#3 A~Naphthalene (C11.7)

R.T.: 6.392 min
Delta R.T.: -0.009 min
Response: 2357890
Conc: 17.57 ug/ml



#4 n-Dodecane (C12)

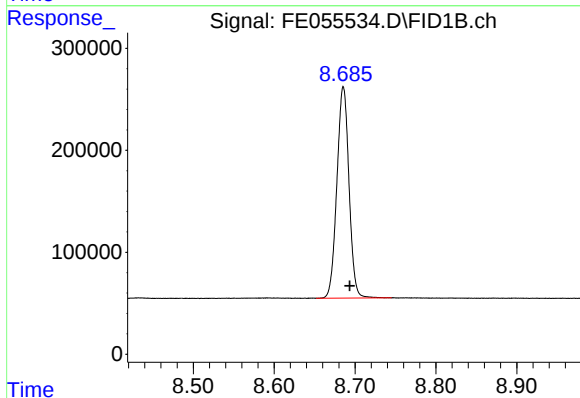
R.T.: 6.848 min
Delta R.T.: -0.008 min
Response: 2122324
Conc: 17.82 ug/ml



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

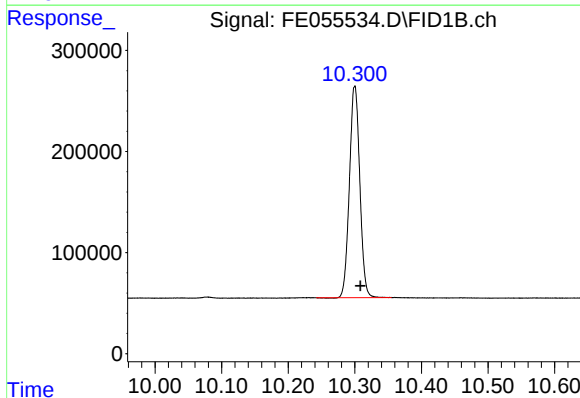
R.T.: 7.493 min
Delta R.T.: -0.008 min
Response: 2300472
Conc: 17.64 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



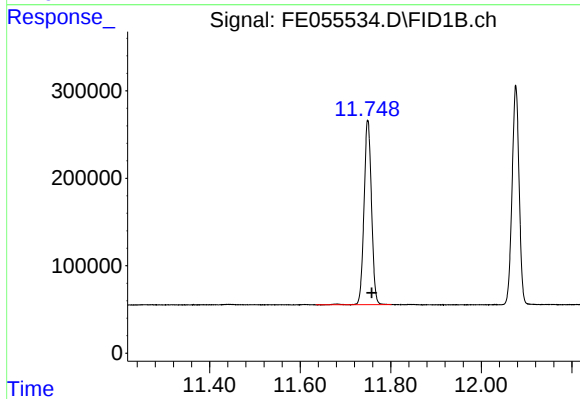
#6 n-Tetradecane (C14)

R.T.: 8.686 min
Delta R.T.: -0.008 min
Response: 2155532
Conc: 17.58 ug/ml



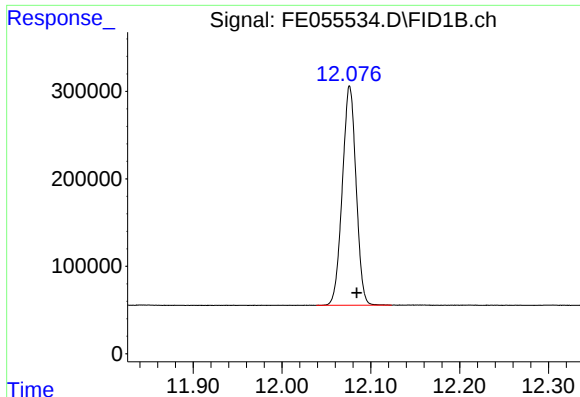
#7 n-Hexadecane (C16)

R.T.: 10.300 min
Delta R.T.: -0.008 min
Response: 2267951
Conc: 17.74 ug/ml



#8 n-Octadecane (C18)

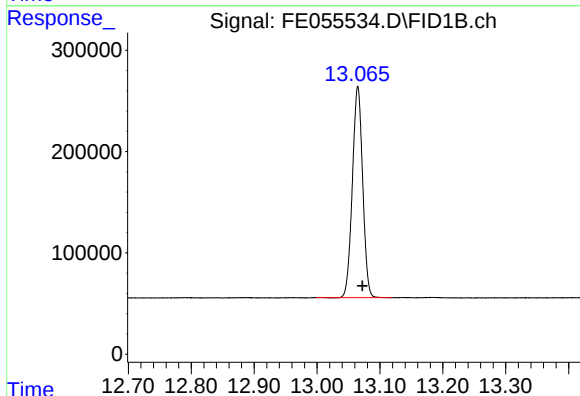
R.T.: 11.749 min
Delta R.T.: -0.008 min
Response: 2402437
Conc: 18.41 ug/ml



#9 ortho-Terphenyl (SURR)

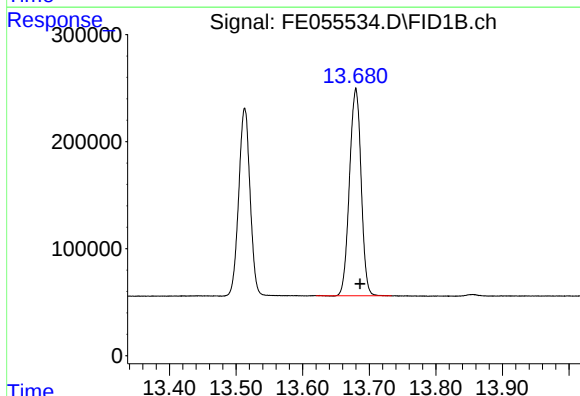
R.T.: 12.076 min
Delta R.T.: -0.008 min
Response: 2697510
Conc: 18.89 ug/ml

Instrument :
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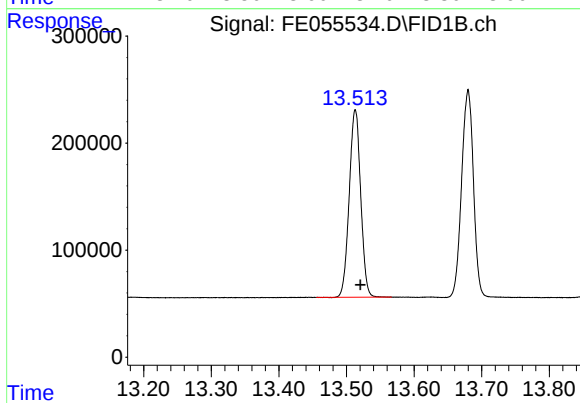
#10 n-Eicosane (C20)

R.T.: 13.065 min
Delta R.T.: -0.008 min
Response: 2370153
Conc: 18.89 ug/ml



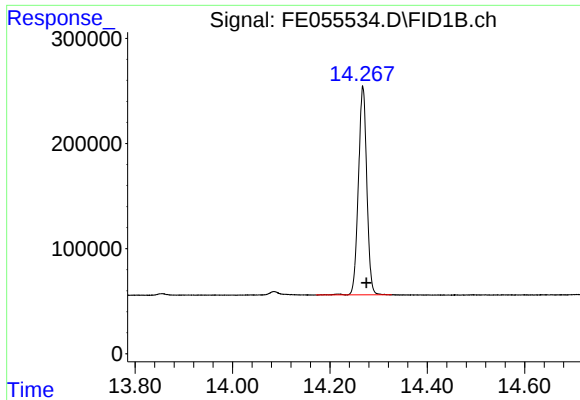
#11 n-Heneicosane (C21)

R.T.: 13.680 min
Delta R.T.: -0.007 min
Response: 2350592
Conc: 19.07 ug/ml



#12 1-chlorooctadecane (SURR)

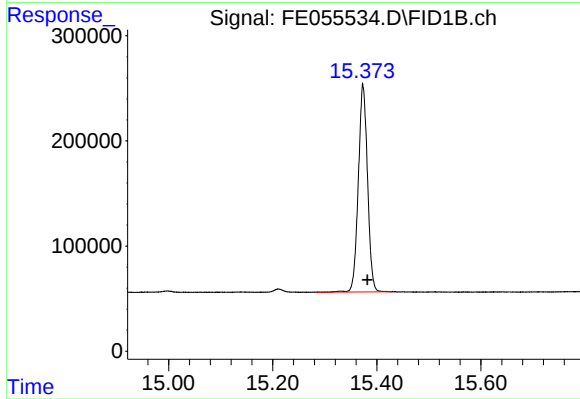
R.T.: 13.513 min
Delta R.T.: -0.007 min
Response: 2063234
Conc: 19.19 ug/ml



#13 n-Docosane (C22)

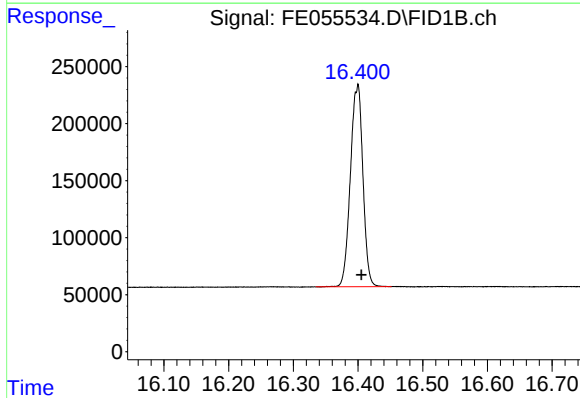
R.T.: 14.268 min
Delta R.T.: -0.007 min
Response: 2379434
Conc: 19.48 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



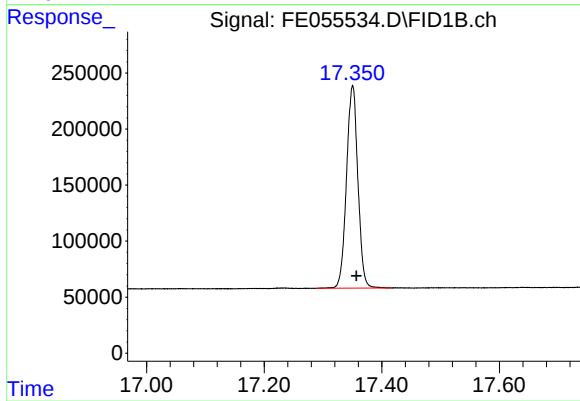
#14 n-Tetracosane (C24)

R.T.: 15.374 min
Delta R.T.: -0.008 min
Response: 2417955
Conc: 19.88 ug/ml



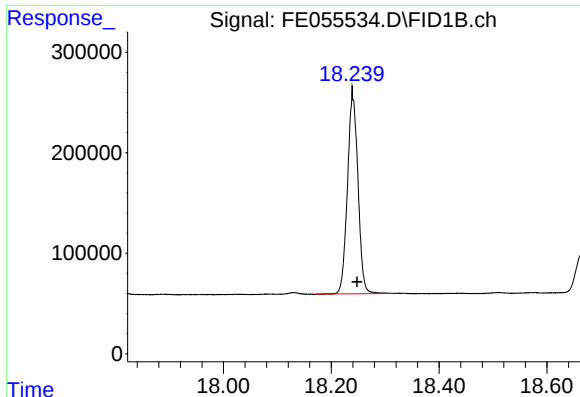
#15 n-Hexacosane (C26)

R.T.: 16.399 min
Delta R.T.: -0.006 min
Response: 2379522
Conc: 19.89 ug/ml



#16 n-Octacosane (C28)

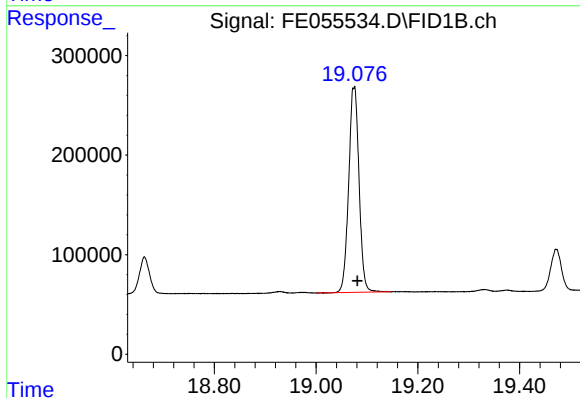
R.T.: 17.350 min
Delta R.T.: -0.007 min
Response: 2427553
Conc: 20.46 ug/ml



#17 n-Tricontane (C30)

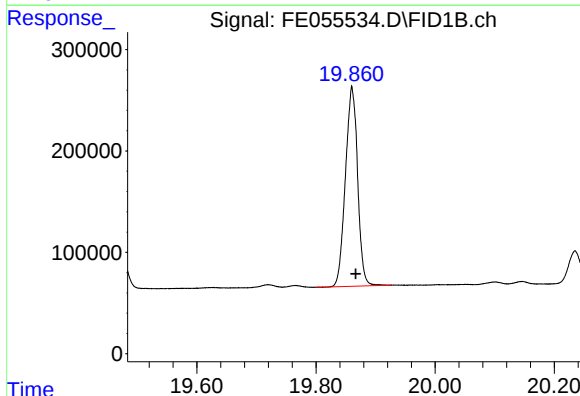
R.T.: 18.240 min
Delta R.T.: -0.008 min
Response: 2717153
Conc: 22.08 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



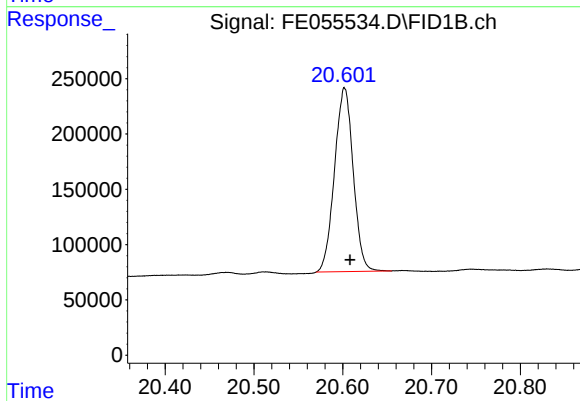
#18 n-Dotriacontane (C32)

R.T.: 19.075 min
Delta R.T.: -0.007 min
Response: 2918582
Conc: 23.92 ug/ml



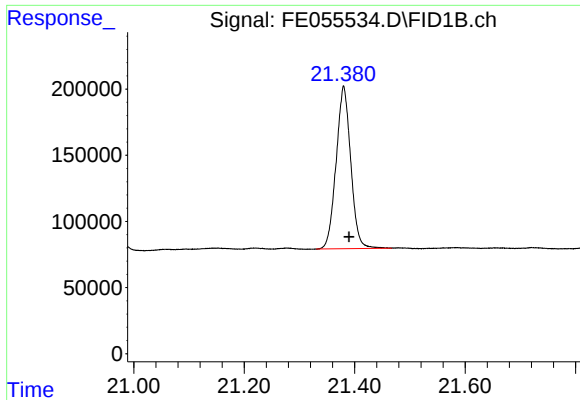
#19 n-Tetratriacontane (C34)

R.T.: 19.861 min
Delta R.T.: -0.006 min
Response: 2798620
Conc: 23.94 ug/ml



#20 n-Hexatriacontane (C36)

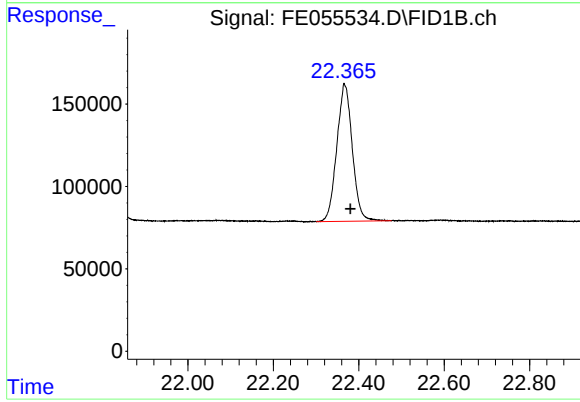
R.T.: 20.602 min
Delta R.T.: -0.006 min
Response: 2430648
Conc: 22.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.380 min
Delta R.T.: -0.009 min
Response: 2252736
Conc: 20.85 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.367 min
Delta R.T.: -0.014 min
Response: 2098824
Conc: 20.07 ug/ml