

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061923AL\
 Data File : FE042705.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jun 2023 15:00
 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: Jun 20 01:54:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061723.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 19 02:33:05 2023
 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)	11.930	3671535	18.960 ug/ml
Spiked Amount 50.000		Recovery =	37.92%
12) S 1-chlorooctadecane (S...	13.367	2738316	18.991 ug/ml
Spiked Amount 50.000		Recovery =	37.98%
Target Compounds			
1) T n-Nonane (C9)	3.308	2926608	18.728 ug/ml
2) T n-Decane (C10)	4.560	2997530	18.788 ug/ml
3) T A~Naphthalene (C11.7)	6.270	3287984	19.129 ug/ml
4) T n-Dodecane (C12)	6.730	3045020	18.815 ug/ml
5) T A~2-methylnaphthalene...	7.367	3183116	19.228 ug/ml
6) T n-Tetradecane (C14)	8.560	3046600	18.901 ug/ml
7) T n-Hexadecane (C16)	10.168	3173432	18.862 ug/ml
8) T n-Octadecane (C18)	11.611	3240625	18.887 ug/ml
10) T n-Eicosane (C20)	12.921	3143593	18.941 ug/ml
11) T n-Heneicosane (C21)	13.533	3092911	18.986 ug/ml
13) T n-Docosane (C22)	14.120	3068397	19.026 ug/ml
14) T n-Tetracosane (C24)	15.223	3021431	19.127 ug/ml
15) T n-Hexacosane (C26)	16.244	2905113	19.226 ug/ml
16) T n-Octacosane (C28)	17.195	2763301	19.302 ug/ml
17) T n-Tricontane (C30)	18.082	2733532	19.388 ug/ml
18) T n-Dotriacontane (C32)	18.914	2637023	19.374 ug/ml
19) T n-Tetratriacontane (C34)	19.699	2548723	19.277 ug/ml
20) T n-Hexatriacontane (C36)	20.438	2458398	19.115 ug/ml
21) T n-Octatriacontane (C38)	21.183	2425050	18.728 ug/ml
22) T n-Tetracontane (C40)	22.107	2450614	18.800 ug/ml

(f)=RT Delta > 1/2 Window

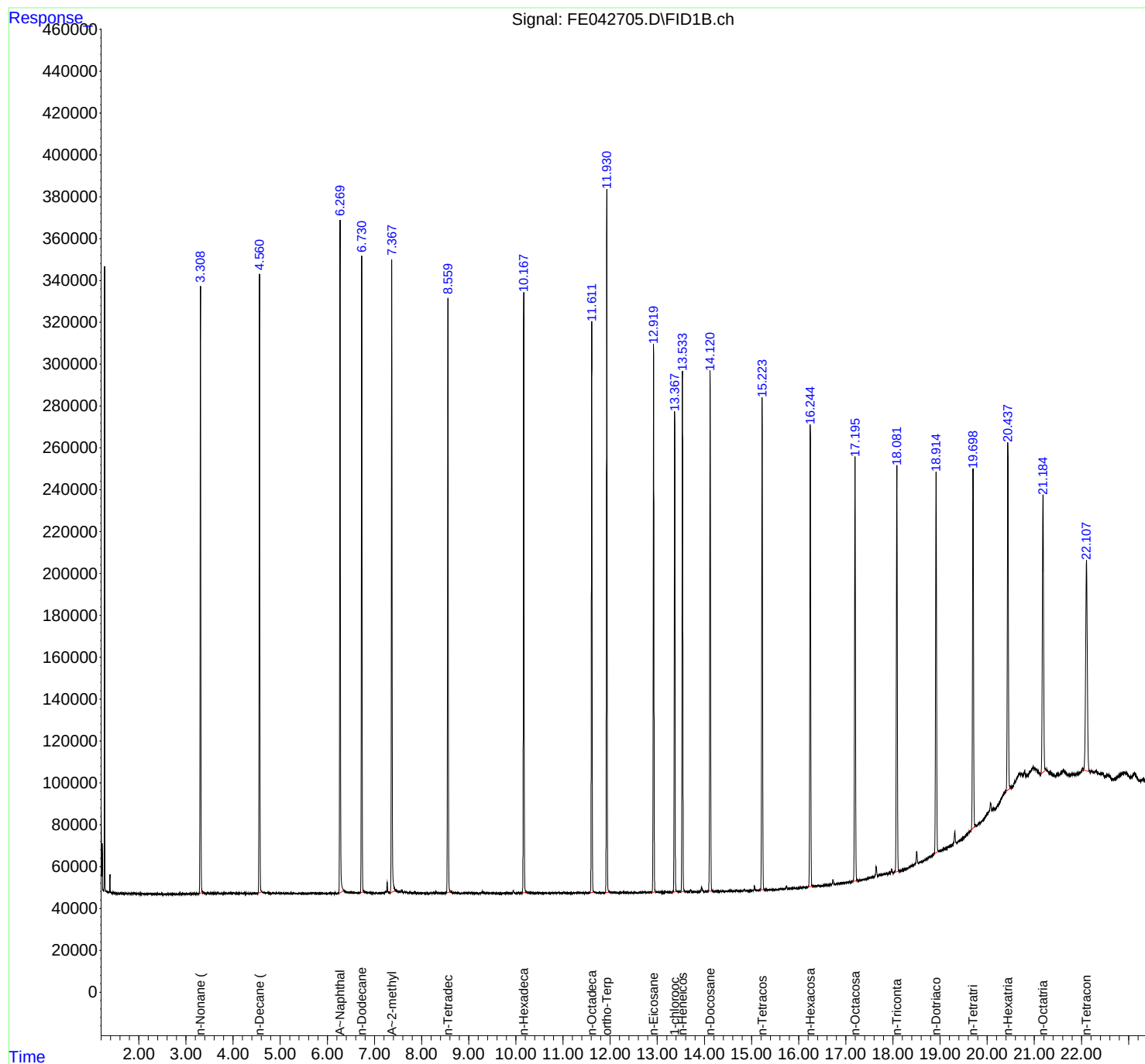
(m)=manual int.

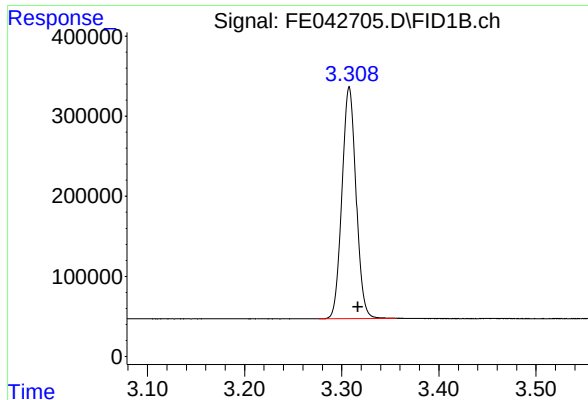
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061923AL\
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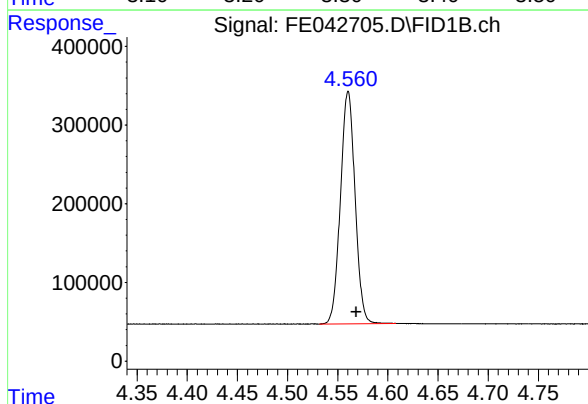




#1 n-Nonane (C9)

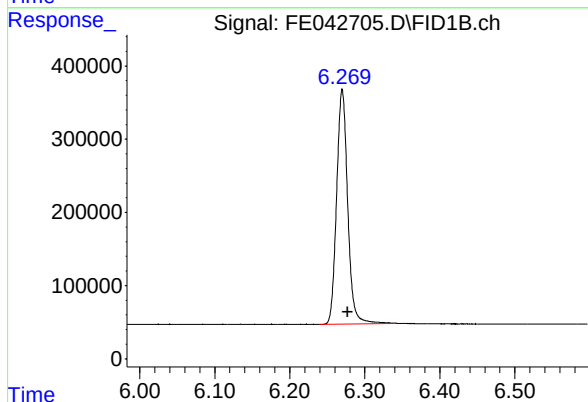
R.T.: 3.308 min
Delta R.T.: -0.009 min
Response: 2926608
Conc: 18.73 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



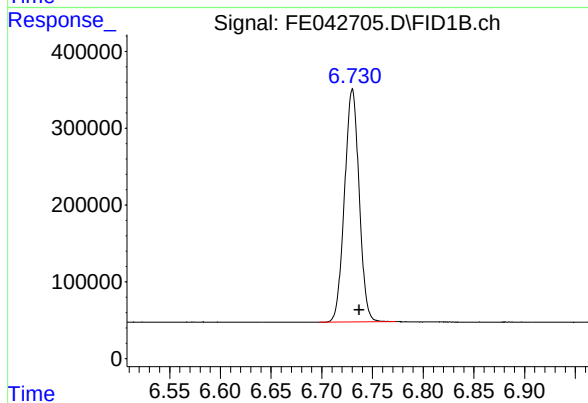
#2 n-Decane (C10)

R.T.: 4.560 min
Delta R.T.: -0.008 min
Response: 2997530
Conc: 18.79 ug/ml



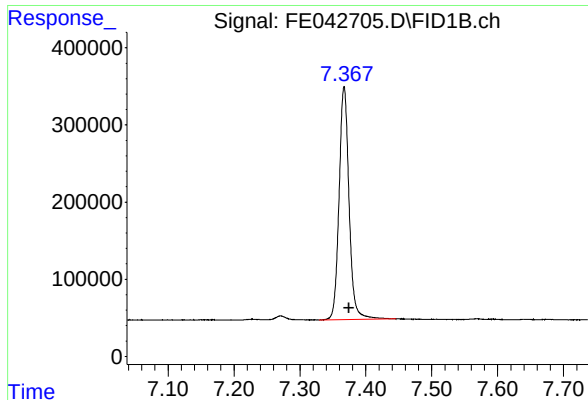
#3 A~Naphthalene (C11.7)

R.T.: 6.270 min
Delta R.T.: -0.007 min
Response: 3287984
Conc: 19.13 ug/ml



#4 n-Dodecane (C12)

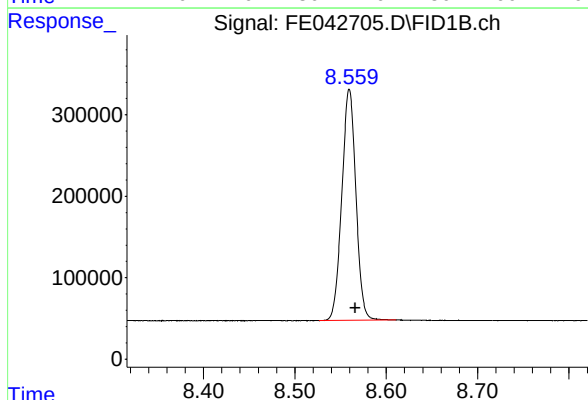
R.T.: 6.730 min
Delta R.T.: -0.007 min
Response: 3045020
Conc: 18.82 ug/ml



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

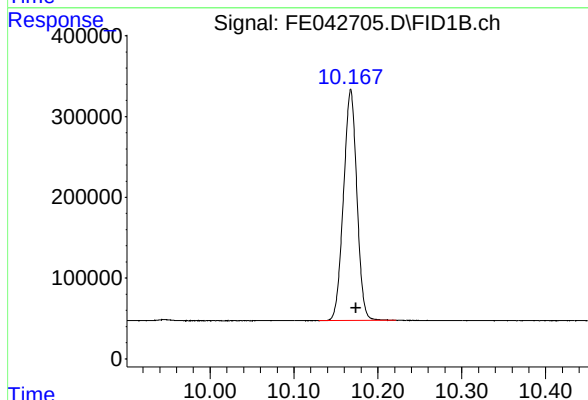
R.T.: 7.367 min
Delta R.T.: -0.007 min
Response: 3183116
Conc: 19.23 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



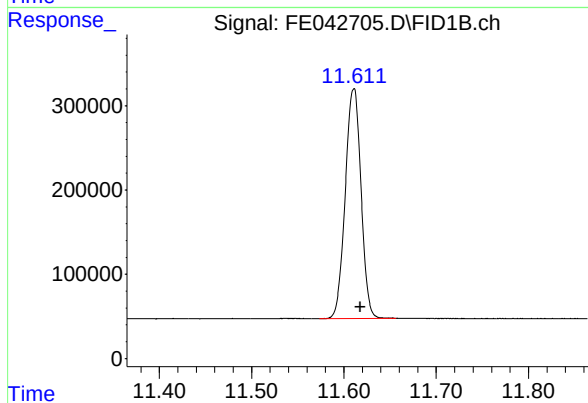
#6 n-Tetradecane (C14)

R.T.: 8.560 min
Delta R.T.: -0.007 min
Response: 3046600
Conc: 18.90 ug/ml



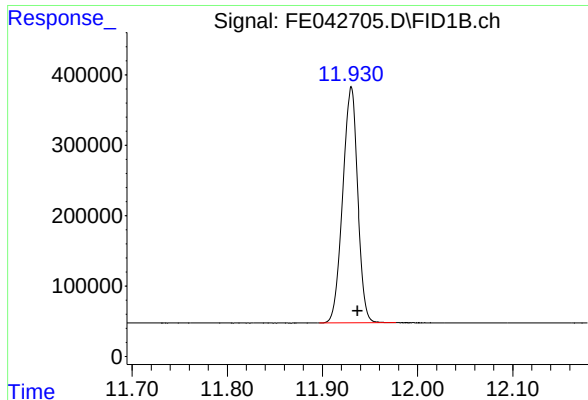
#7 n-Hexadecane (C16)

R.T.: 10.168 min
Delta R.T.: -0.006 min
Response: 3173432
Conc: 18.86 ug/ml



#8 n-Octadecane (C18)

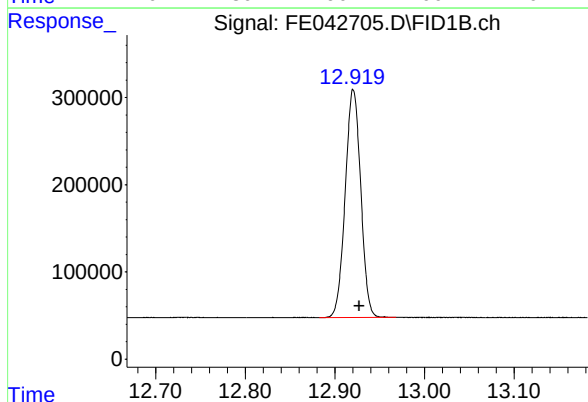
R.T.: 11.611 min
Delta R.T.: -0.007 min
Response: 3240625
Conc: 18.89 ug/ml



#9 ortho-Terphenyl (SURR)

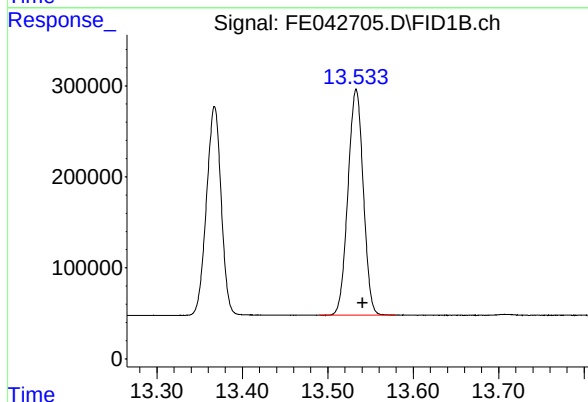
R.T.: 11.930 min
Delta R.T.: -0.007 min
Response: 3671535
Conc: 18.96 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



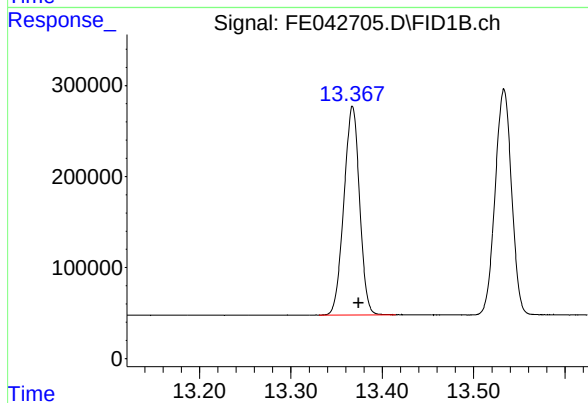
#10 n-Eicosane (C20)

R.T.: 12.921 min
Delta R.T.: -0.007 min
Response: 3143593
Conc: 18.94 ug/ml



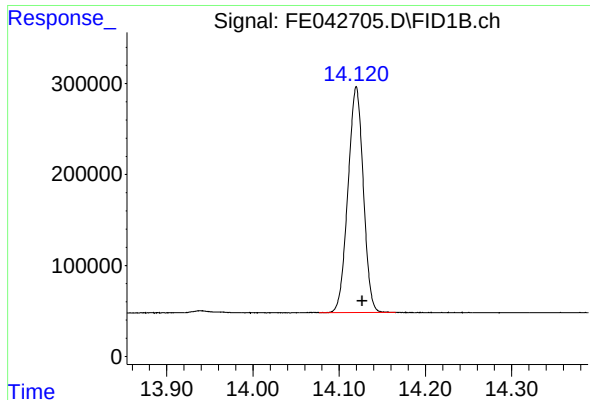
#11 n-Heneicosane (C21)

R.T.: 13.533 min
Delta R.T.: -0.007 min
Response: 3092911
Conc: 18.99 ug/ml



#12 1-chlorooctadecane (SURR)

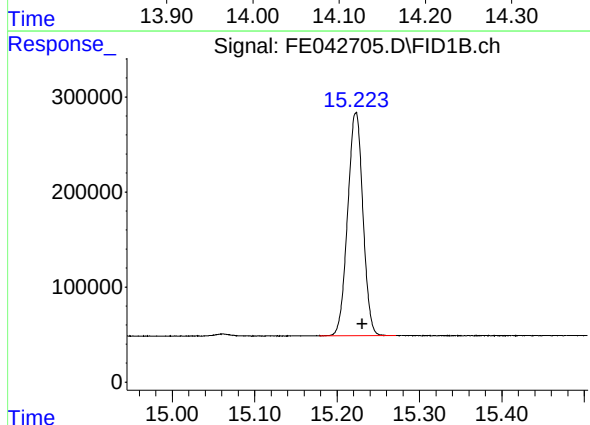
R.T.: 13.367 min
Delta R.T.: -0.007 min
Response: 2738316
Conc: 18.99 ug/ml



#13 n-Docosane (C22)

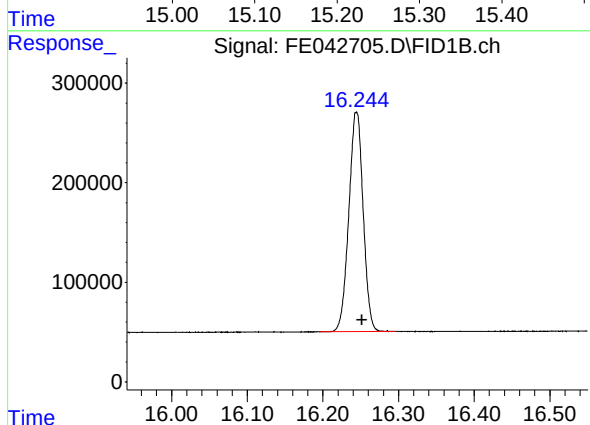
R.T.: 14.120 min
Delta R.T.: -0.007 min
Response: 3068397
Conc: 19.03 ug/ml

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20 PPM ALIPHATIC HC STD



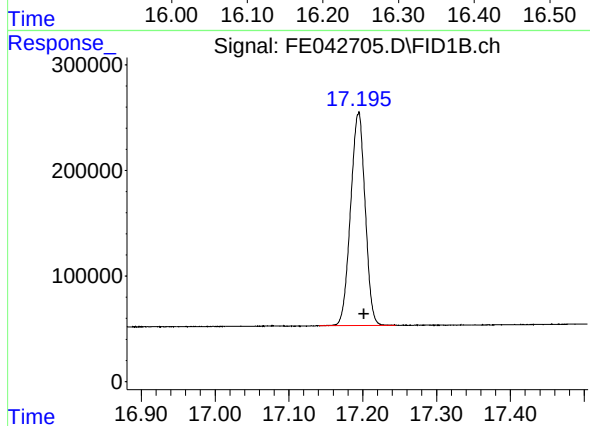
#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: -0.008 min
Response: 3021431
Conc: 19.13 ug/ml



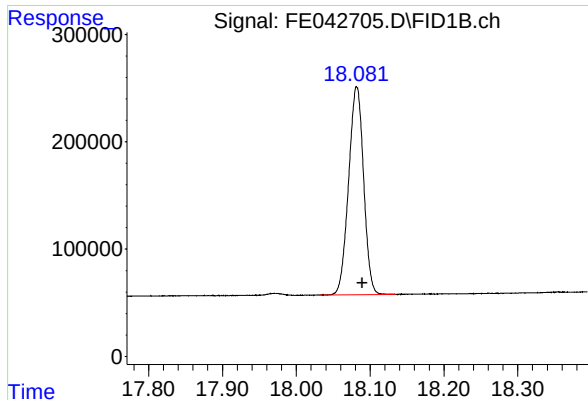
#15 n-Hexacosane (C26)

R.T.: 16.244 min
Delta R.T.: -0.007 min
Response: 2905113
Conc: 19.23 ug/ml



#16 n-Octacosane (C28)

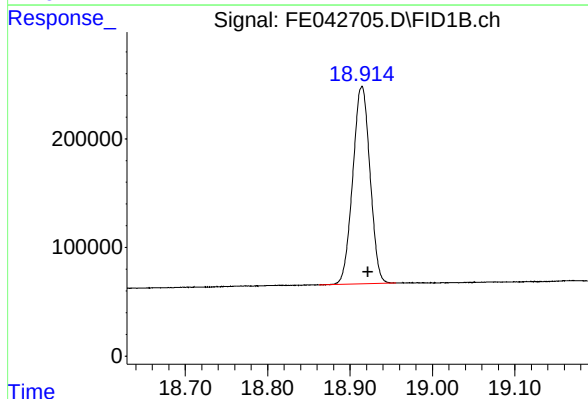
R.T.: 17.195 min
Delta R.T.: -0.007 min
Response: 2763301
Conc: 19.30 ug/ml



#17 n-Tricontane (C30)

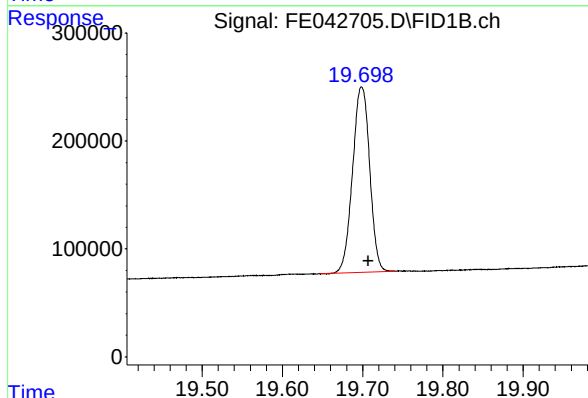
R.T.: 18.082 min
Delta R.T.: -0.008 min
Response: 2733532
Conc: 19.39 ug/ml

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20 PPM ALIPHATIC HC STD



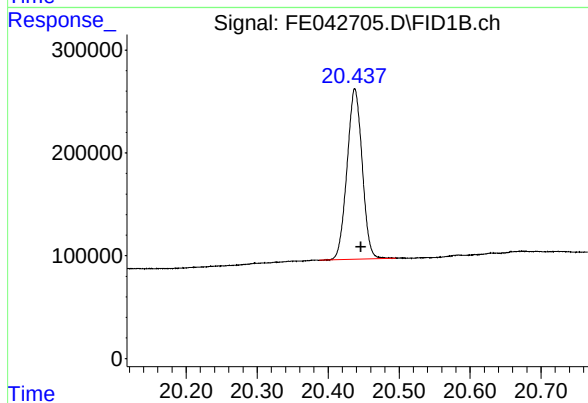
#18 n-Dotriacontane (C32)

R.T.: 18.914 min
Delta R.T.: -0.007 min
Response: 2637023
Conc: 19.37 ug/ml



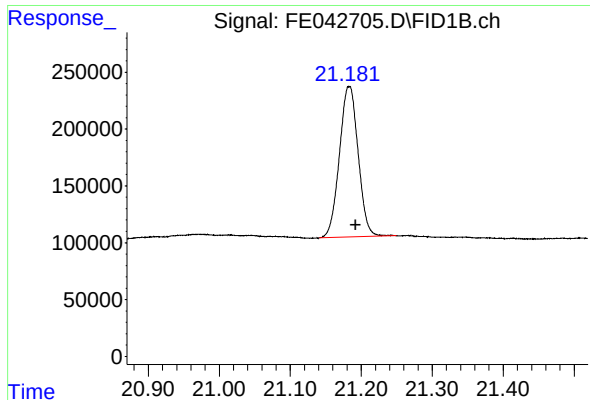
#19 n-Tetratriacontane (C34)

R.T.: 19.699 min
Delta R.T.: -0.008 min
Response: 2548723
Conc: 19.28 ug/ml



#20 n-Hexatriacontane (C36)

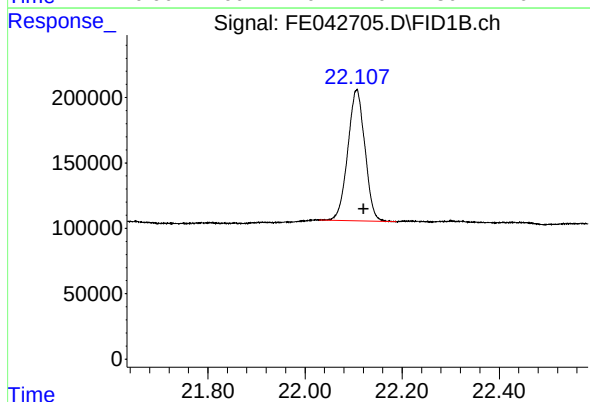
R.T.: 20.438 min
Delta R.T.: -0.009 min
Response: 2458398
Conc: 19.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.183 min
Delta R.T.: -0.009 min
Response: 2425050
Conc: 18.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.107 min
Delta R.T.: -0.014 min
Response: 2450614
Conc: 18.80 ug/ml