

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071025AL\
 Data File : FE054779.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jul 2025 12:36
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Jul 11 05:14:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.077	3142127	19.349 ug/ml
Spiked Amount 50.000		Recovery =	38.70%
12) S 1-chlorooctadecane (S...	13.513	2396340	18.974 ug/ml
Spiked Amount 50.000		Recovery =	37.95%
Target Compounds			
1) T n-Nonane (C9)	3.419	2705600	20.115 ug/ml
2) T n-Decane (C10)	4.676	2836444	20.788 ug/ml
3) T A~Naphthalene (C11.7)	6.393	3147606	20.788 ug/ml
4) T n-Dodecane (C12)	6.851	2899119	21.130 ug/ml
5) T A~2-methylnaphthalene...	7.494	3054933	20.781 ug/ml
6) T n-Tetradecane (C14)	8.688	2915184	21.029 ug/ml
7) T n-Hexadecane (C16)	10.302	2956171	20.744 ug/ml
8) T n-Octadecane (C18)	11.751	2944953	20.095 ug/ml
10) T n-Eicosane (C20)	13.066	2823892	19.638 ug/ml
11) T n-Heneicosane (C21)	13.680	2720365	19.046 ug/ml
13) T n-Docosane (C22)	14.267	2825369	19.787 ug/ml
14) T n-Tetracosane (C24)	15.374	2986012	20.542 ug/ml
15) T n-Hexacosane (C26)	16.398	3114502	21.522 ug/ml
16) T n-Octacosane (C28)	17.350	3247086	22.280 ug/ml
17) T n-Tricontane (C30)	18.240	3441409	21.839 ug/ml
18) T n-Dotriacontane (C32)	19.073	3317570	20.506 ug/ml
19) T n-Tetratriacontane (C34)	19.857	2935710	19.264 ug/ml
20) T n-Hexatriacontane (C36)	20.598	2513873	18.697 ug/ml
21) T n-Octatriacontane (C38)	21.379	2450345	20.892 ug/ml
22) T n-Tetracontane (C40)	22.368	2350892	21.690 ug/ml

(f)=RT Delta > 1/2 Window

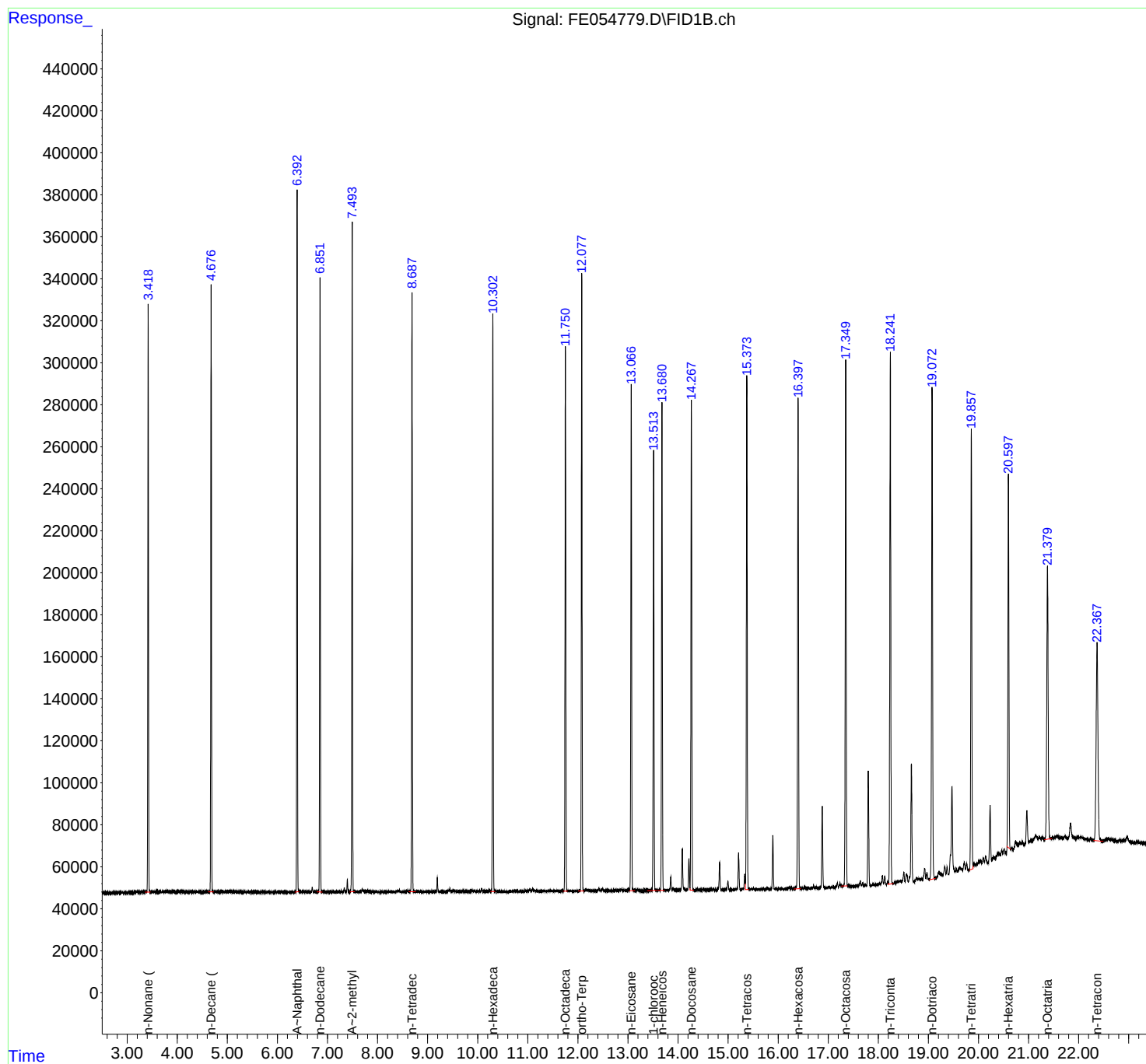
(m)=manual int.

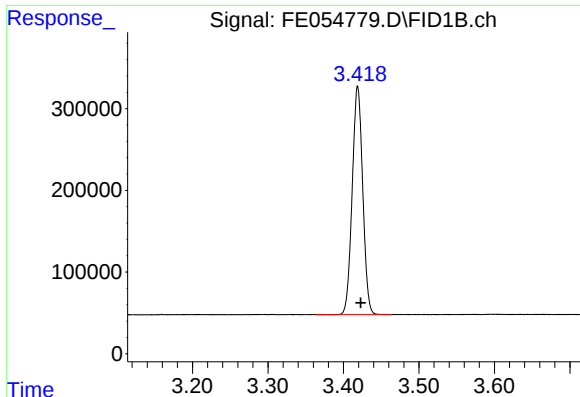
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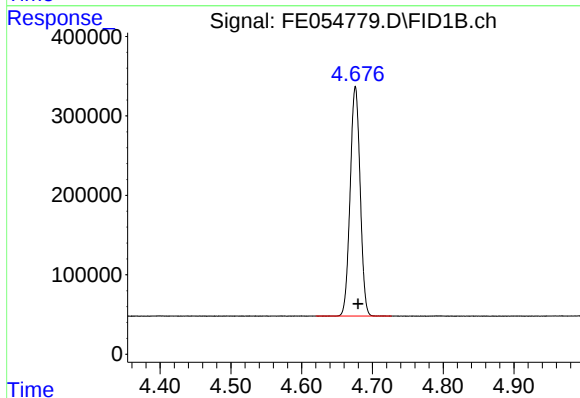




#1 n-Nonane (C9)

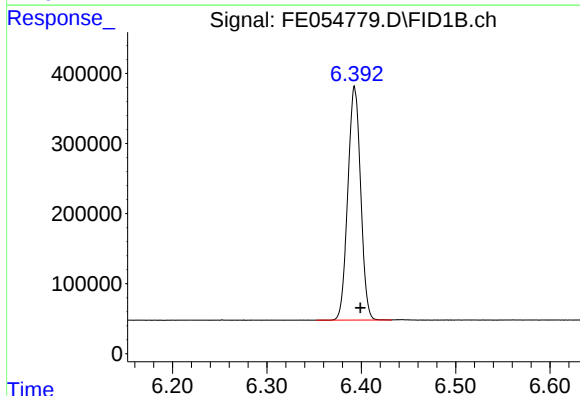
R.T.: 3.419 min
Delta R.T.: -0.004 min
Response: 2705600
Conc: 20.11 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



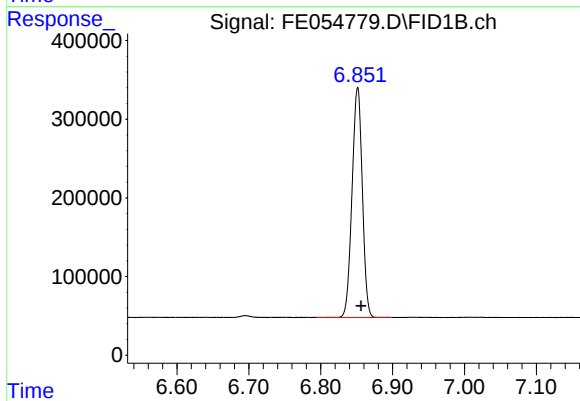
#2 n-Decane (C10)

R.T.: 4.676 min
Delta R.T.: -0.004 min
Response: 2836444
Conc: 20.79 ug/ml



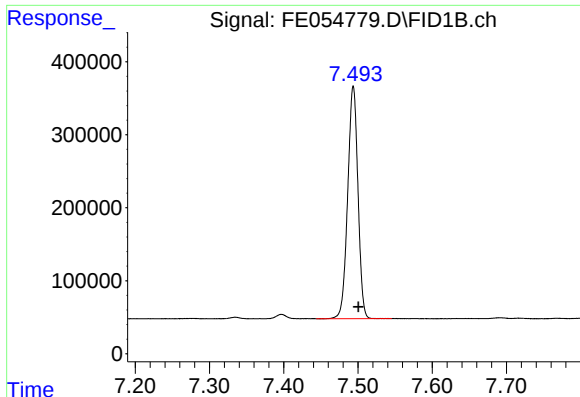
#3 A~Naphthalene (C11.7)

R.T.: 6.393 min
Delta R.T.: -0.006 min
Response: 3147606
Conc: 20.79 ug/ml



#4 n-Dodecane (C12)

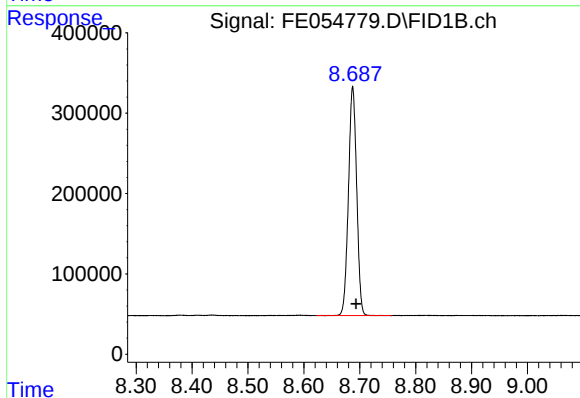
R.T.: 6.851 min
Delta R.T.: -0.005 min
Response: 2899119
Conc: 21.13 ug/ml



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

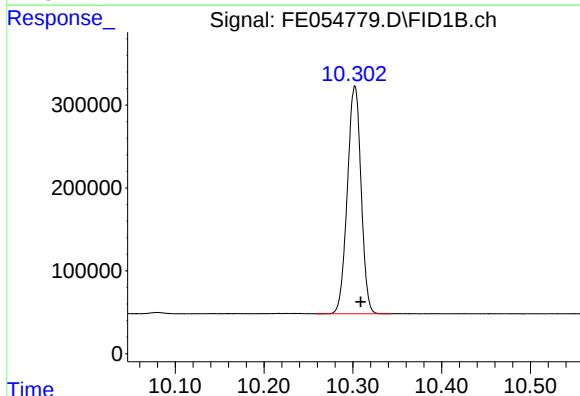
R.T.: 7.494 min
Delta R.T.: -0.007 min
Response: 3054933
Conc: 20.78 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



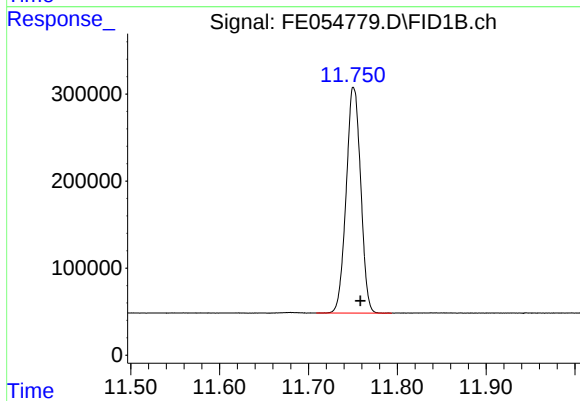
#6 n-Tetradecane (C14)

R.T.: 8.688 min
Delta R.T.: -0.006 min
Response: 2915184
Conc: 21.03 ug/ml



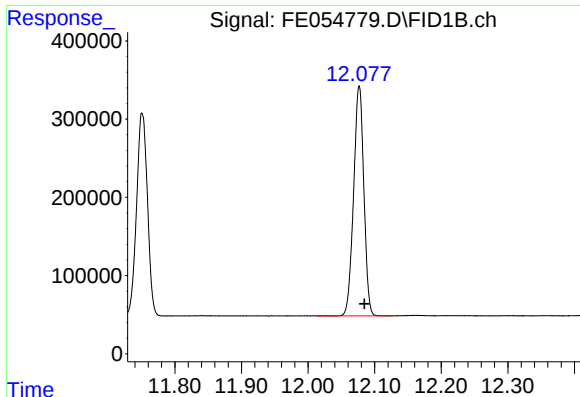
#7 n-Hexadecane (C16)

R.T.: 10.302 min
Delta R.T.: -0.007 min
Response: 2956171
Conc: 20.74 ug/ml



#8 n-Octadecane (C18)

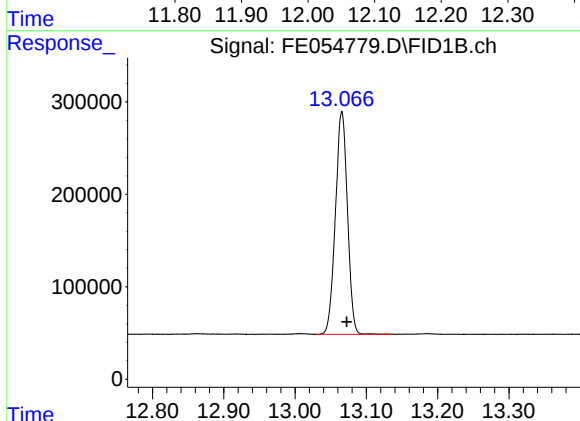
R.T.: 11.751 min
Delta R.T.: -0.007 min
Response: 2944953
Conc: 20.09 ug/ml



#9 ortho-Terphenyl (SURR)

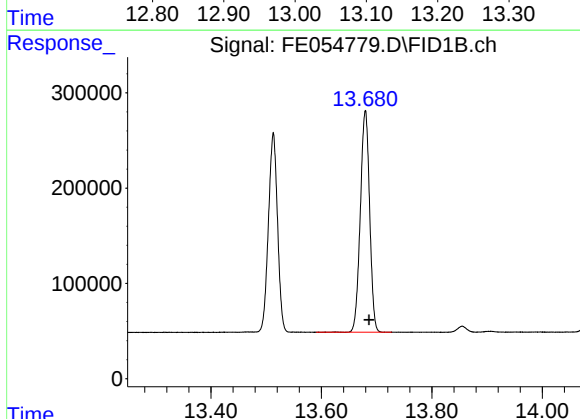
R.T.: 12.077 min
Delta R.T.: -0.008 min
Response: 3142127
Conc: 19.35 ug/ml

Instrument :
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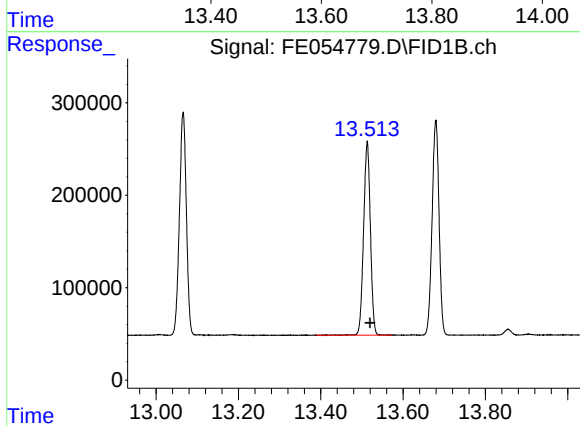
#10 n-Eicosane (C20)

R.T.: 13.066 min
Delta R.T.: -0.007 min
Response: 2823892
Conc: 19.64 ug/ml



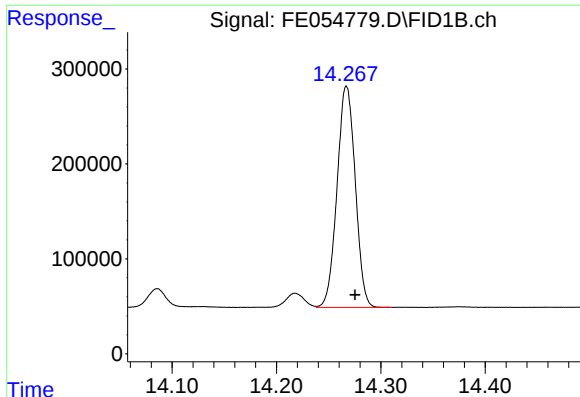
#11 n-Heneicosane (C21)

R.T.: 13.680 min
Delta R.T.: -0.007 min
Response: 2720365
Conc: 19.05 ug/ml



#12 1-chlorooctadecane (SURR)

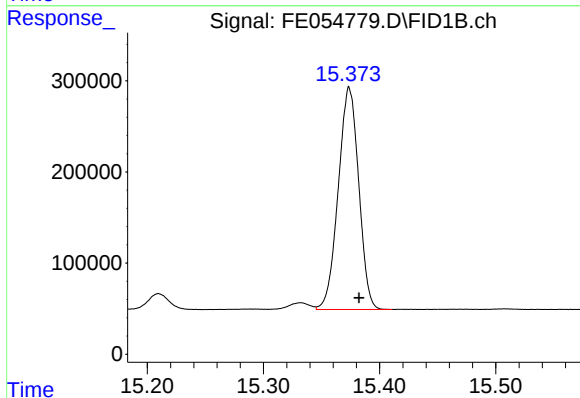
R.T.: 13.513 min
Delta R.T.: -0.007 min
Response: 2396340
Conc: 18.97 ug/ml



#13 n-Docosane (C22)

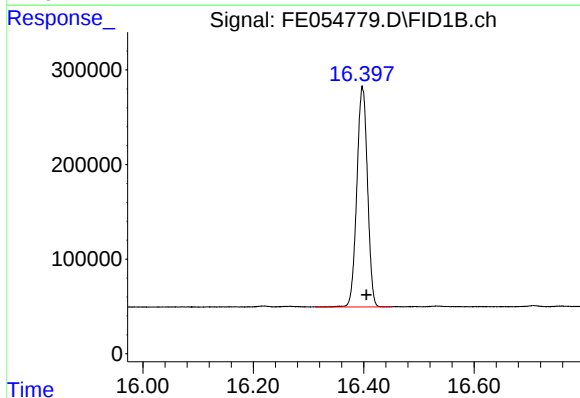
R.T.: 14.267 min
Delta R.T.: -0.008 min
Response: 2825369
Conc: 19.79 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



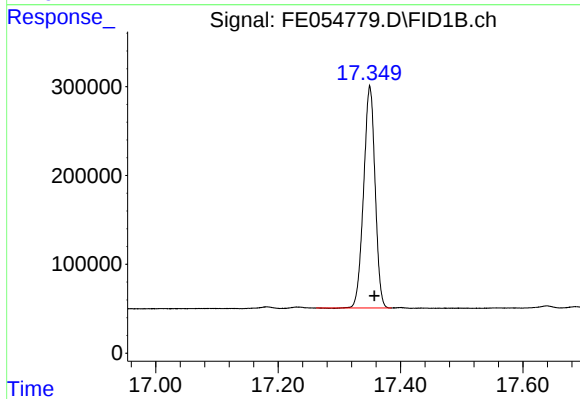
#14 n-Tetracosane (C24)

R.T.: 15.374 min
Delta R.T.: -0.009 min
Response: 2986012
Conc: 20.54 ug/ml



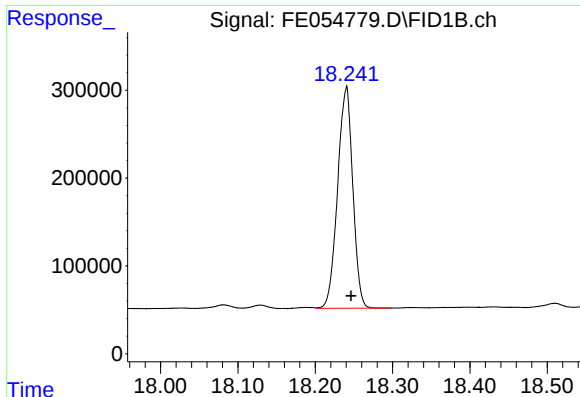
#15 n-Hexacosane (C26)

R.T.: 16.398 min
Delta R.T.: -0.007 min
Response: 3114502
Conc: 21.52 ug/ml



#16 n-Octacosane (C28)

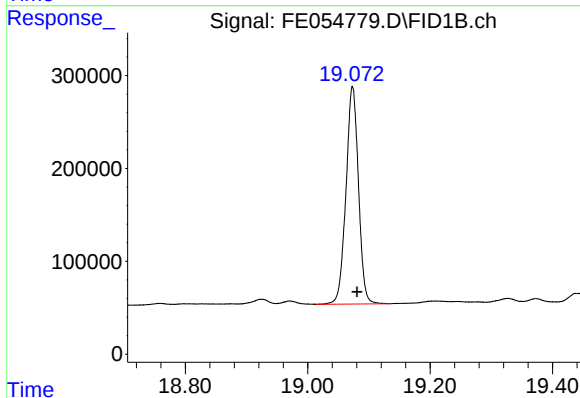
R.T.: 17.350 min
Delta R.T.: -0.008 min
Response: 3247086
Conc: 22.28 ug/ml



#17 n-Tricontane (C30)

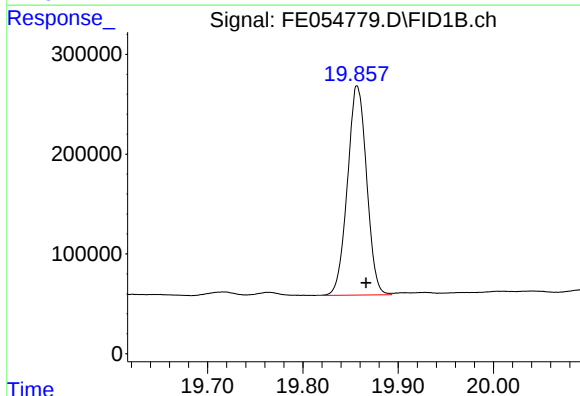
R.T.: 18.240 min
Delta R.T.: -0.007 min
Response: 3441409
Conc: 21.84 ug/ml

Instrument :
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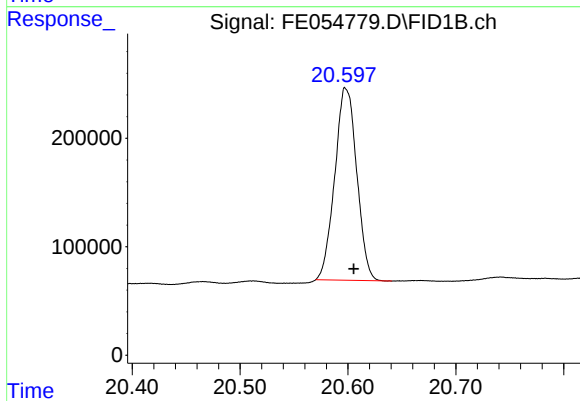
#18 n-Dotriacontane (C32)

R.T.: 19.073 min
Delta R.T.: -0.007 min
Response: 3317570
Conc: 20.51 ug/ml



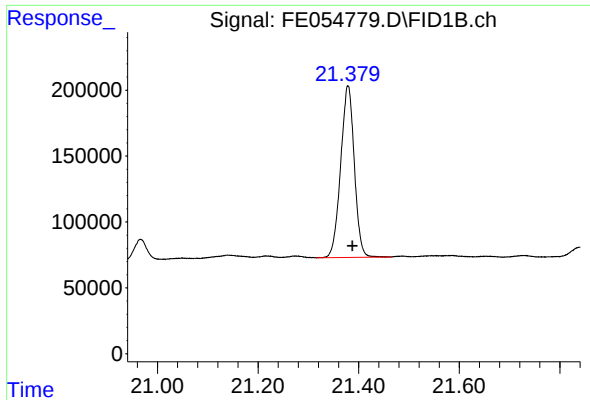
#19 n-Tetratriacontane (C34)

R.T.: 19.857 min
Delta R.T.: -0.009 min
Response: 2935710
Conc: 19.26 ug/ml



#20 n-Hexatriacontane (C36)

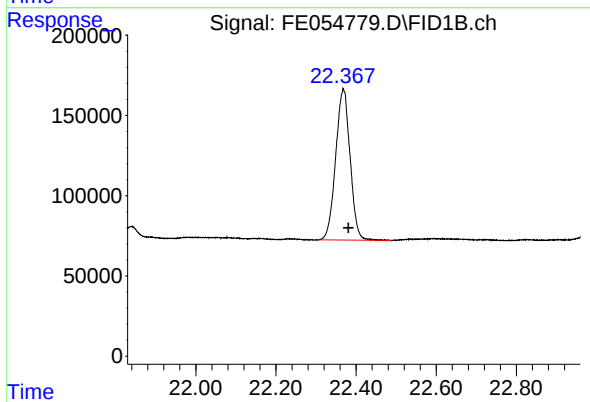
R.T.: 20.598 min
Delta R.T.: -0.007 min
Response: 2513873
Conc: 18.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.379 min
Delta R.T.: -0.009 min
Response: 2450345
Conc: 20.89 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.368 min
Delta R.T.: -0.013 min
Response: 2350892
Conc: 21.69 ug/ml