

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070925AL\
 Data File : FE054753.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jul 2025 11:48
 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: autoint1.e
 Quant Time: Jul 10 05:11:08 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)	12.082	3361195	20.698 ug/ml
Spiked Amount 50.000		Recovery =	41.40%
12) S 1-chlorooctadecane (S...	13.517	2561118	20.279 ug/ml
Spiked Amount 50.000		Recovery =	40.56%
Target Compounds			
1) T n-Nonane (C9)	3.421	2840691	21.119 ug/ml
2) T n-Decane (C10)	4.679	2965701	21.735 ug/ml
3) T A~Naphthalene (C11.7)	6.397	3315423	21.897 ug/ml
4) T n-Dodecane (C12)	6.854	3037474	22.138 ug/ml
5) T A~2-methylnaphthalene...	7.498	3227763	21.957 ug/ml
6) T n-Tetradecane (C14)	8.691	3072857	22.166 ug/ml
7) T n-Hexadecane (C16)	10.306	3137059	22.013 ug/ml
8) T n-Octadecane (C18)	11.755	3142094	21.440 ug/ml
10) T n-Eicosane (C20)	13.069	3021663	21.014 ug/ml
11) T n-Heneicosane (C21)	13.684	2912910	20.394 ug/ml
13) T n-Docosane (C22)	14.272	3024180	21.179 ug/ml
14) T n-Tetracosane (C24)	15.379	3185812	21.916 ug/ml
15) T n-Hexacosane (C26)	16.402	3301329	22.813 ug/ml
16) T n-Octacosane (C28)	17.354	3421700	23.478 ug/ml
17) T n-Tricontane (C30)	18.244	3580076	22.719 ug/ml
18) T n-Dotriacontane (C32)	19.078	3424844	21.169 ug/ml
19) T n-Tetratriacontane (C34)	19.863	3021788	19.829 ug/ml
20) T n-Hexatriacontane (C36)	20.604	2618259	19.473 ug/ml
21) T n-Octatriacontane (C38)	21.384	2517056	21.461 ug/ml
22) T n-Tetracontane (C40)	22.377	2416722	22.298 ug/ml

(f)=RT Delta > 1/2 Window

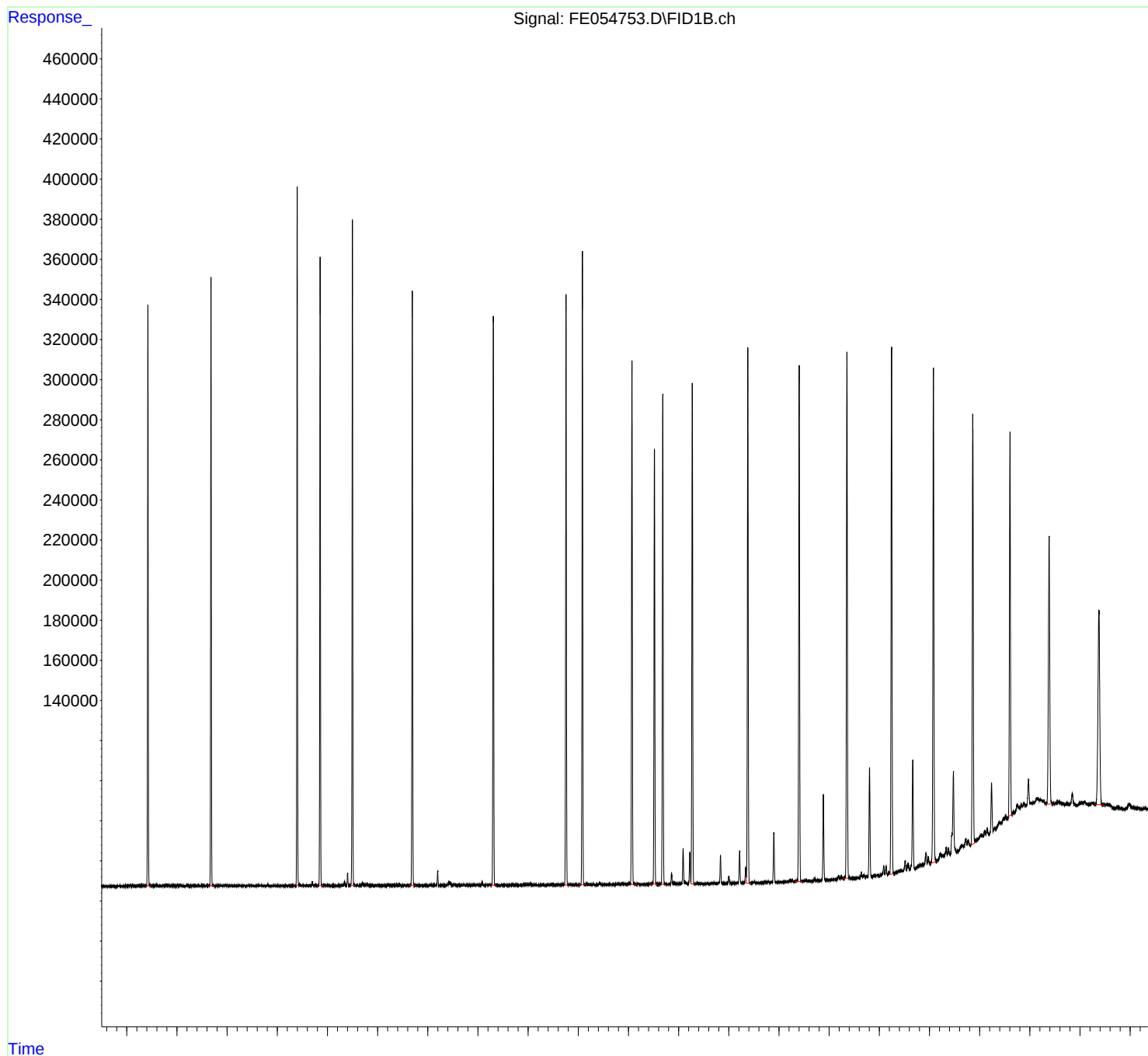
(m)=manual int.

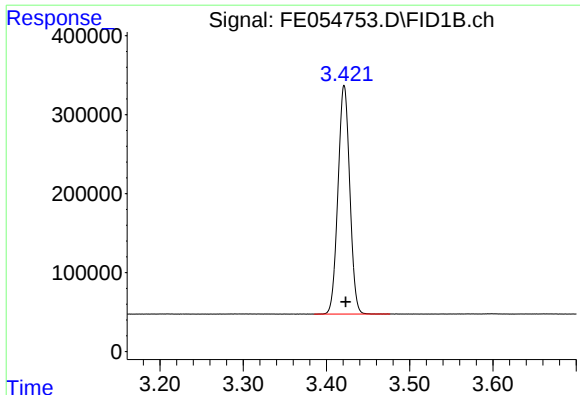
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070925AL\
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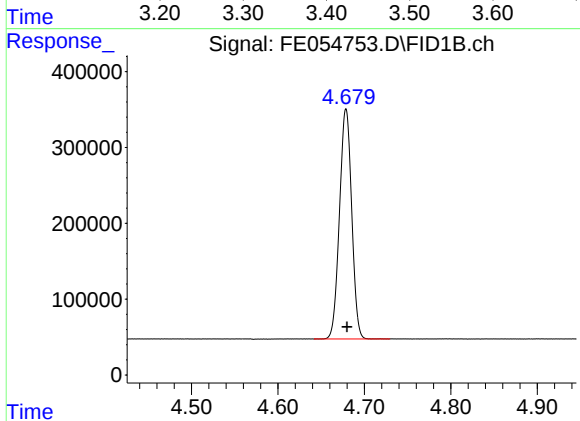




#1 n-Nonane (C9)

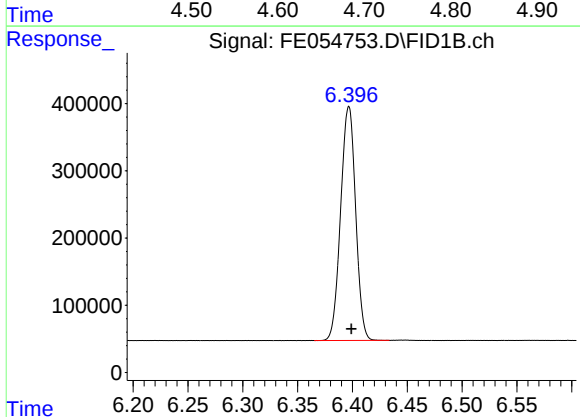
R.T.: 3.421 min
Delta R.T.: -0.002 min
Response: 2840691
Conc: 21.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



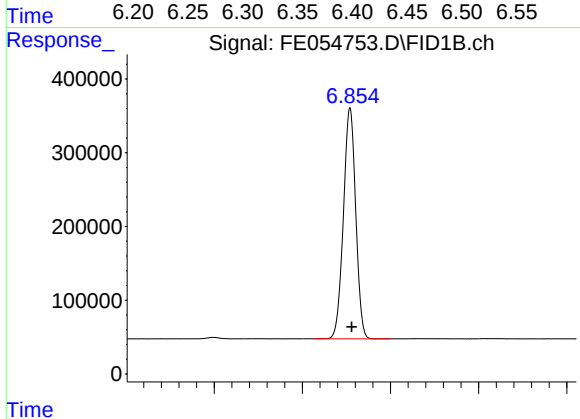
#2 n-Decane (C10)

R.T.: 4.679 min
Delta R.T.: -0.001 min
Response: 2965701
Conc: 21.73 ug/ml



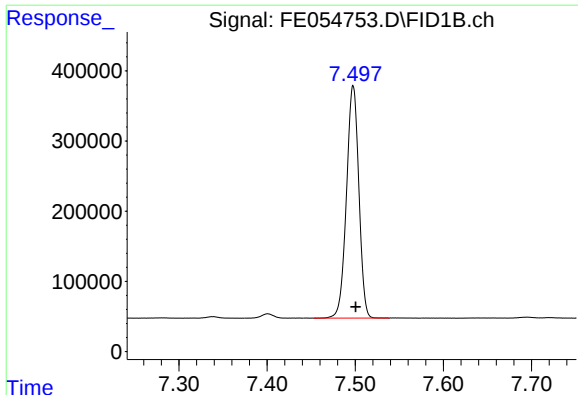
#3 A~Naphthalene (C11.7)

R.T.: 6.397 min
Delta R.T.: -0.002 min
Response: 3315423
Conc: 21.90 ug/ml



#4 n-Dodecane (C12)

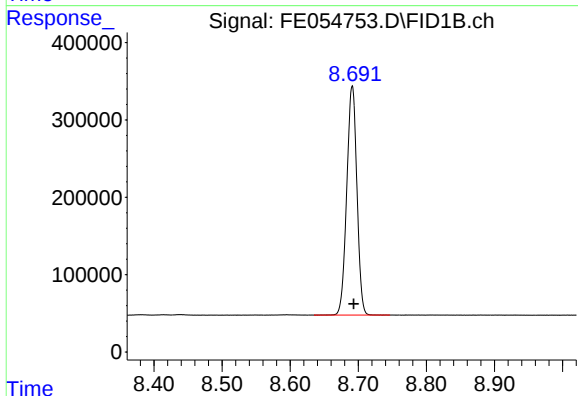
R.T.: 6.854 min
Delta R.T.: -0.002 min
Response: 3037474
Conc: 22.14 ug/ml



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

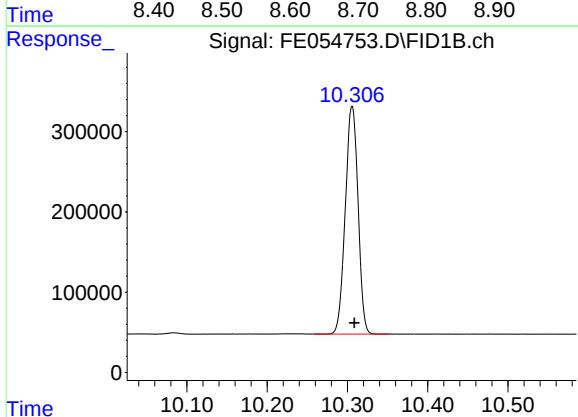
R.T.: 7.498 min
Delta R.T.: -0.003 min
Response: 3227763
Conc: 21.96 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



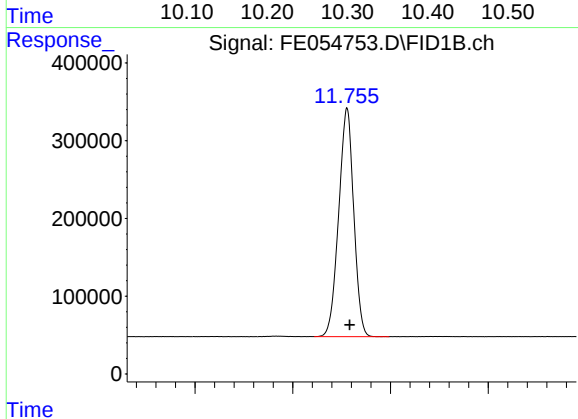
#6 n-Tetradecane (C14)

R.T.: 8.691 min
Delta R.T.: -0.002 min
Response: 3072857
Conc: 22.17 ug/ml



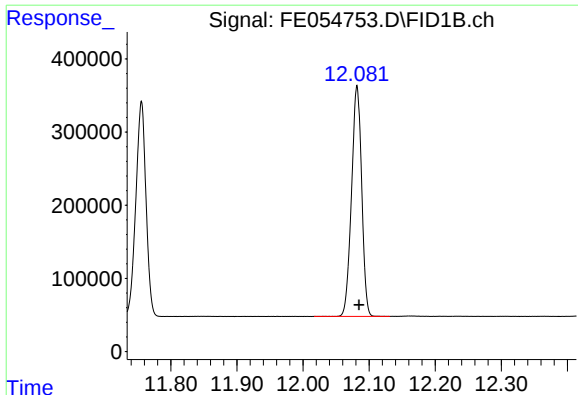
#7 n-Hexadecane (C16)

R.T.: 10.306 min
Delta R.T.: -0.003 min
Response: 3137059
Conc: 22.01 ug/ml



#8 n-Octadecane (C18)

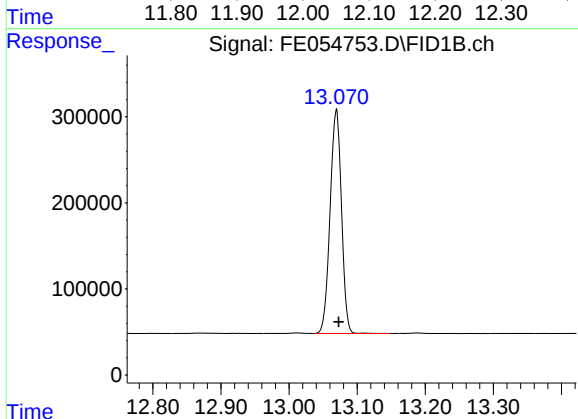
R.T.: 11.755 min
Delta R.T.: -0.003 min
Response: 3142094
Conc: 21.44 ug/ml



#9 ortho-Terphenyl (SURR)

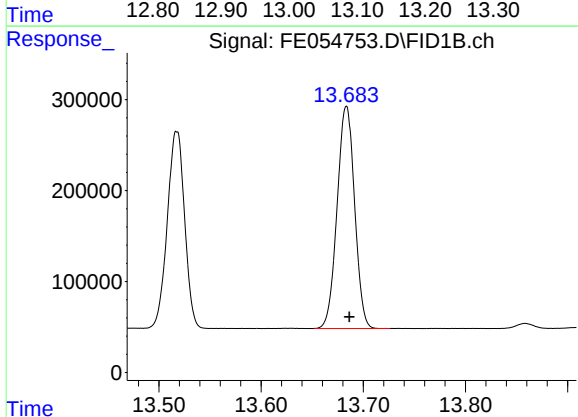
R.T.: 12.082 min
Delta R.T.: -0.003 min
Response: 3361195
Conc: 20.70 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



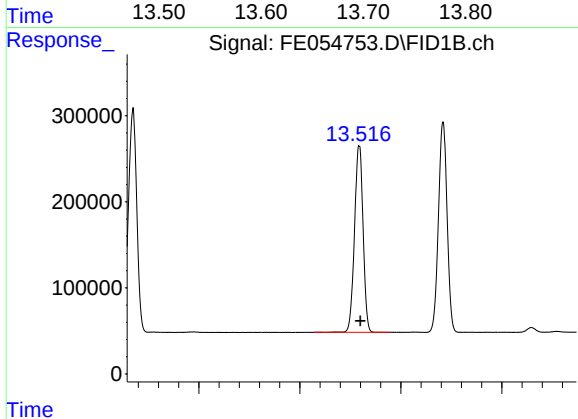
#10 n-Eicosane (C20)

R.T.: 13.069 min
Delta R.T.: -0.003 min
Response: 3021663
Conc: 21.01 ug/ml



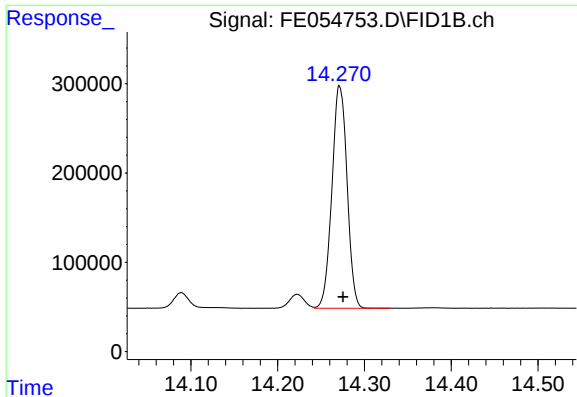
#11 n-Heneicosane (C21)

R.T.: 13.684 min
Delta R.T.: -0.003 min
Response: 2912910
Conc: 20.39 ug/ml



#12 1-chlorooctadecane (SURR)

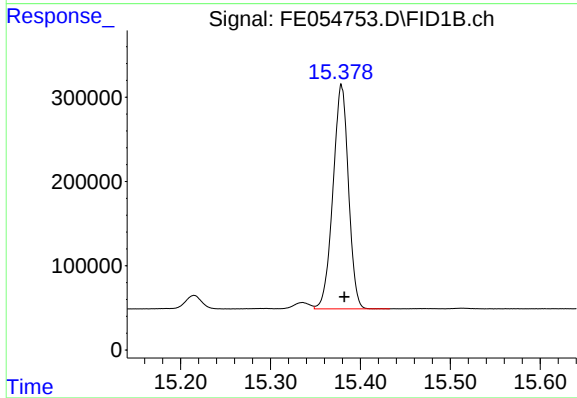
R.T.: 13.517 min
Delta R.T.: -0.003 min
Response: 2561118
Conc: 20.28 ug/ml



#13 n-Docosane (C22)

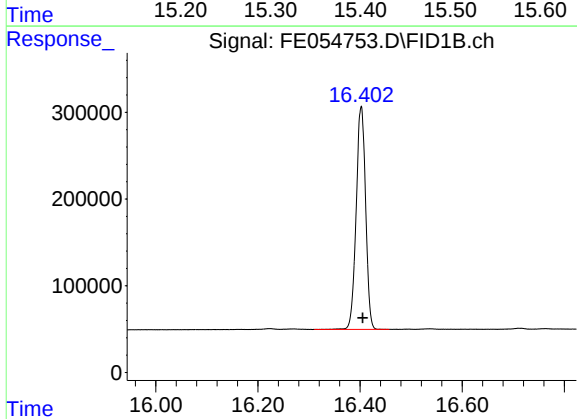
R.T.: 14.272 min
Delta R.T.: -0.004 min
Response: 3024180
Conc: 21.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



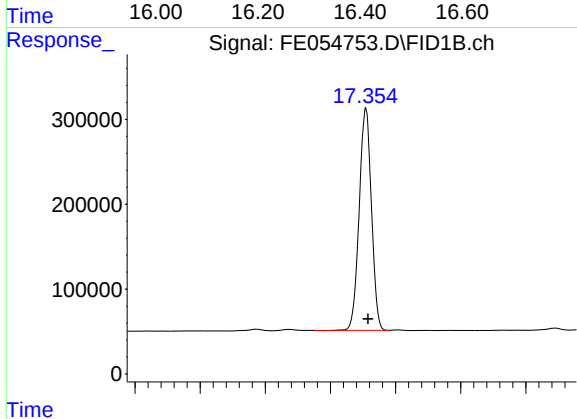
#14 n-Tetracosane (C24)

R.T.: 15.379 min
Delta R.T.: -0.003 min
Response: 3185812
Conc: 21.92 ug/ml



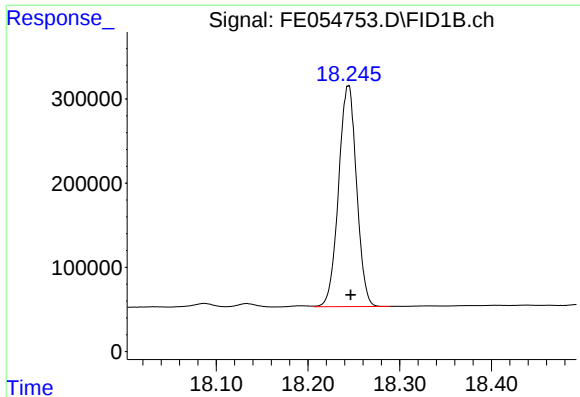
#15 n-Hexacosane (C26)

R.T.: 16.402 min
Delta R.T.: -0.003 min
Response: 3301329
Conc: 22.81 ug/ml



#16 n-Octacosane (C28)

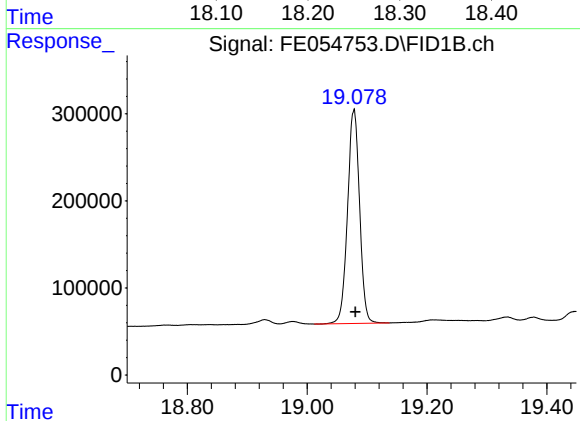
R.T.: 17.354 min
Delta R.T.: -0.003 min
Response: 3421700
Conc: 23.48 ug/ml



#17 n-Tricontane (C30)

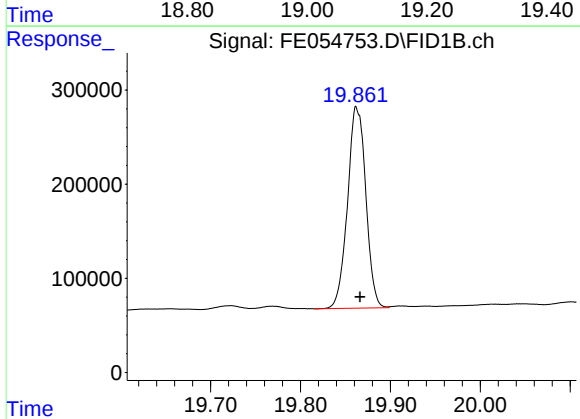
R.T.: 18.244 min
Delta R.T.: -0.003 min
Response: 3580076
Conc: 22.72 ug/ml

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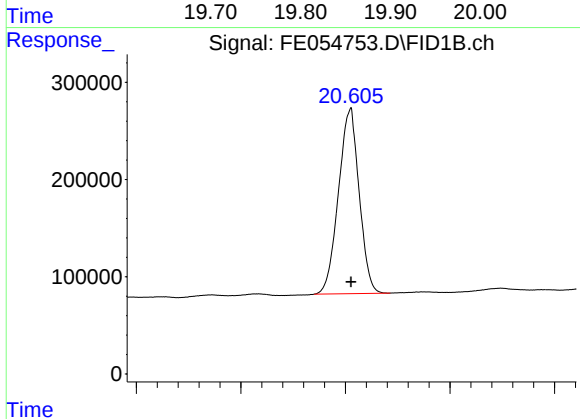
#18 n-Dotriacontane (C32)

R.T.: 19.078 min
Delta R.T.: -0.003 min
Response: 3424844
Conc: 21.17 ug/ml



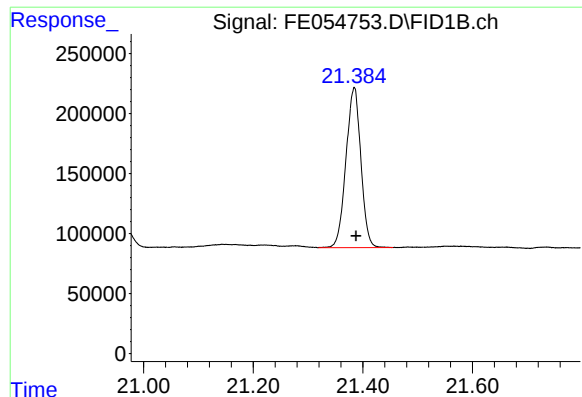
#19 n-Tetratriacontane (C34)

R.T.: 19.863 min
Delta R.T.: -0.003 min
Response: 3021788
Conc: 19.83 ug/ml



#20 n-Hexatriacontane (C36)

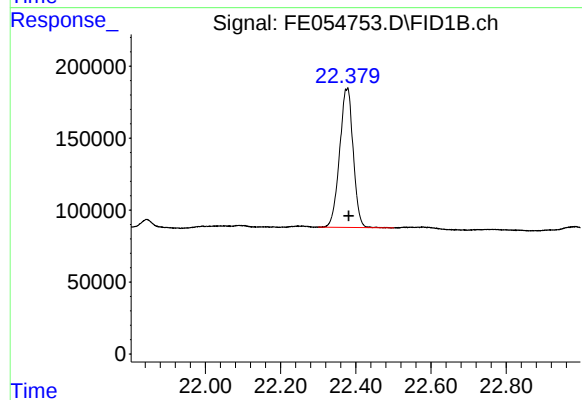
R.T.: 20.604 min
Delta R.T.: -0.001 min
Response: 2618259
Conc: 19.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.384 min
Delta R.T.: -0.004 min
Response: 2517056
Conc: 21.46 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.377 min
Delta R.T.: -0.004 min
Response: 2416722
Conc: 22.30 ug/ml