

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100625AL\
 Data File : FC069944.D
 Signal(s) : FID1A.ch
 Acq On : 06 Oct 2025 22:12
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 07 05:10:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100625.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 05:08:36 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)	11.643	3247029	18.491 ug/ml
Spiked Amount 50.000		Recovery =	36.98%
12) S 1-chlorooctadecane (S...	13.078	2501520	18.428 ug/ml
Spiked Amount 50.000		Recovery =	36.86%
Target Compounds			
1) T n-Nonane (C9)	3.384	2572363	18.733 ug/ml
2) T n-Decane (C10)	4.456	2684705	18.675 ug/ml
3) T A~Naphthalene (C11.7)	6.048	3019578	18.684 ug/ml
4) T n-Dodecane (C12)	6.477	2829645	18.461 ug/ml
5) T A~2-methylnaphthalene...	7.106	2972852	18.633 ug/ml
6) T n-Tetradecane (C14)	8.275	2915705	18.333 ug/ml
7) T n-Hexadecane (C16)	9.878	3071217	18.225 ug/ml
8) T n-Octadecane (C18)	11.322	3113758	18.302 ug/ml
10) T n-Eicosane (C20)	12.632	2932066	18.276 ug/ml
11) T n-Heneicosane (C21)	13.245	2853180	18.375 ug/ml
13) T n-Docosane (C22)	13.832	2795545	18.165 ug/ml
14) T n-Tetracosane (C24)	14.935	2701908	17.819 ug/ml
15) T n-Hexacosane (C26)	15.957	2566266	17.730 ug/ml
16) T n-Octacosane (C28)	16.908	2429664	17.568 ug/ml
17) T n-Tricontane (C30)	17.797	2388574	17.494 ug/ml
18) T n-Dotriacontane (C32)	18.630	2244571	17.409 ug/ml
19) T n-Tetratriacontane (C34)	19.414	2027535	17.758 ug/ml
20) T n-Hexatriacontane (C36)	20.153	1753883	18.135 ug/ml
21) T n-Octatriacontane (C38)	20.911	1585383	18.190 ug/ml
22) T n-Tetracontane (C40)	21.862	1499873	18.255 ug/ml

(f)=RT Delta > 1/2 Window

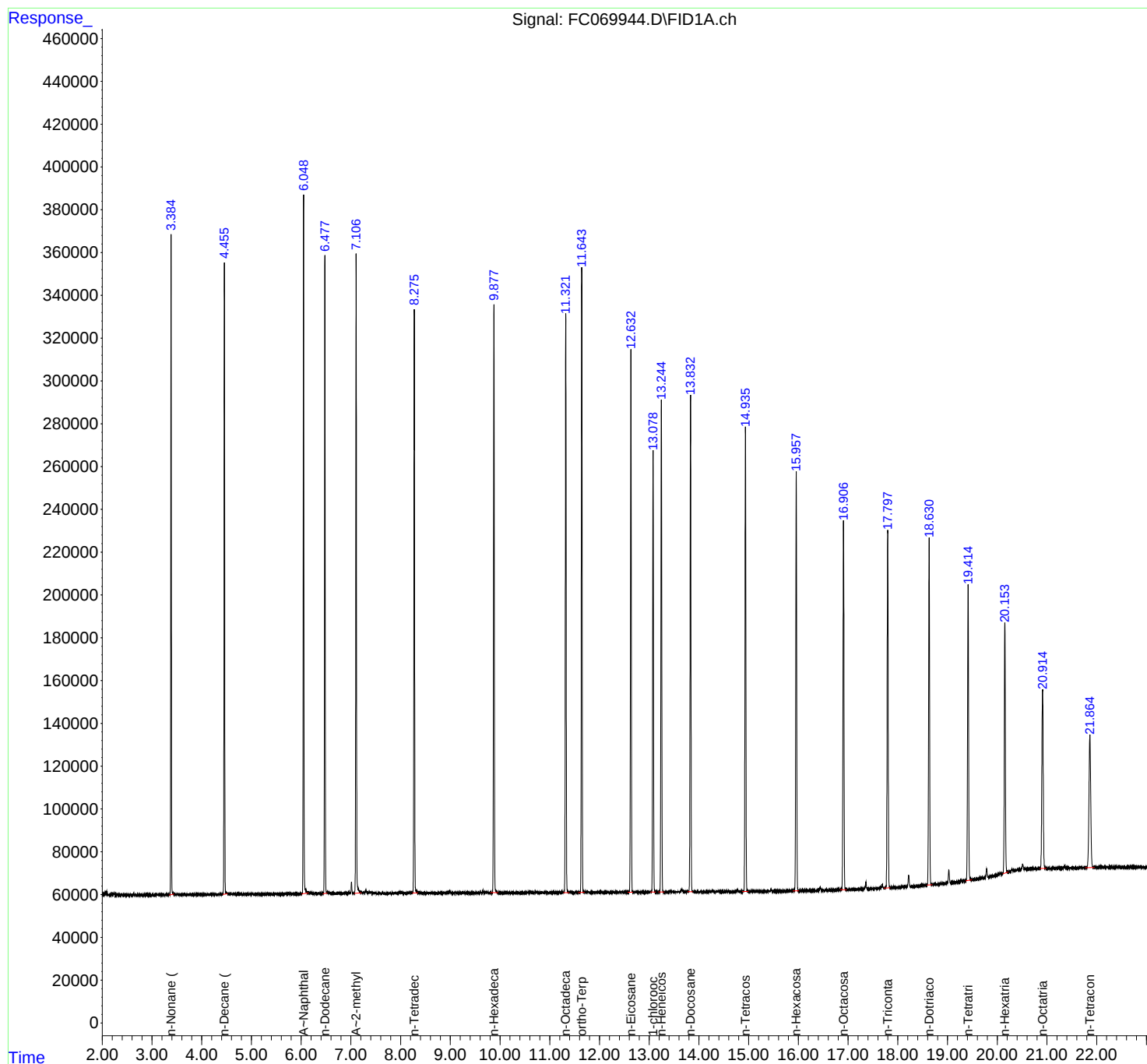
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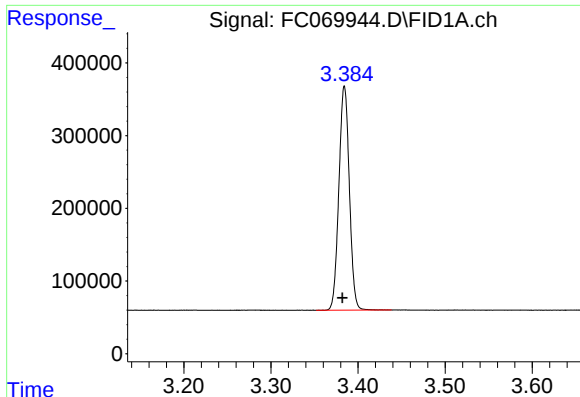
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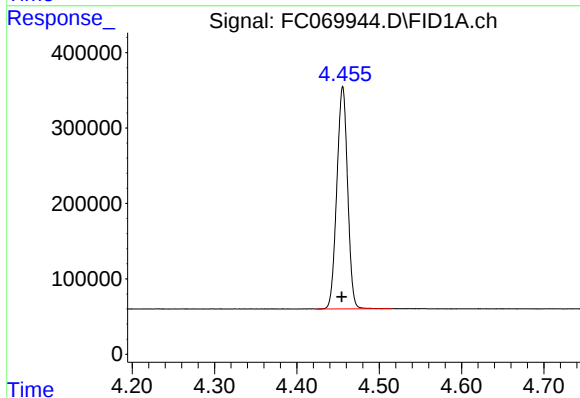




#1 n-Nonane (C9)

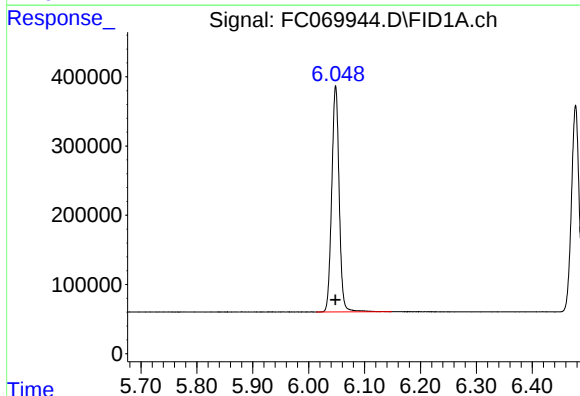
R.T.: 3.384 min
Delta R.T.: 0.002 min
Response: 2572363
Conc: 18.73 ug/ml

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20 PPM ALIPHATIC HC STD



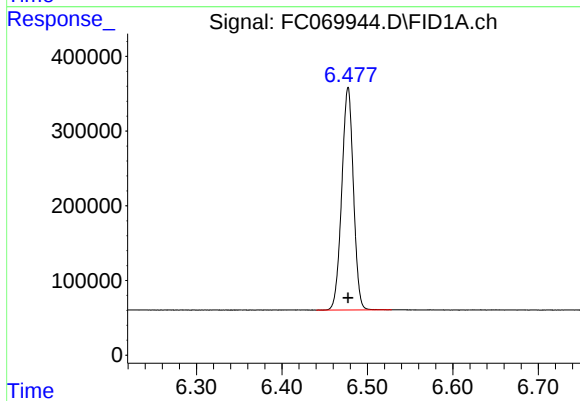
#2 n-Decane (C10)

R.T.: 4.456 min
Delta R.T.: 0.001 min
Response: 2684705
Conc: 18.67 ug/ml



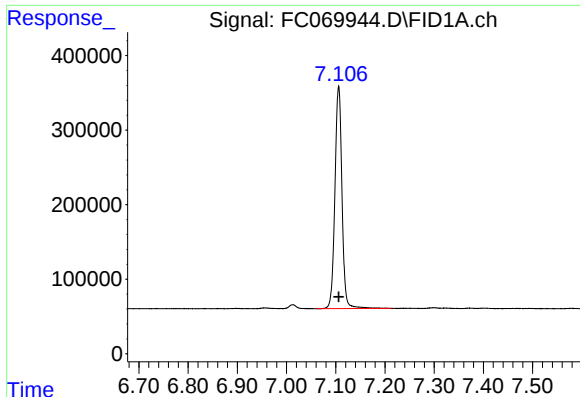
#3 A~Naphthalene (C11.7)

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 3019578
Conc: 18.68 ug/ml



#4 n-Dodecane (C12)

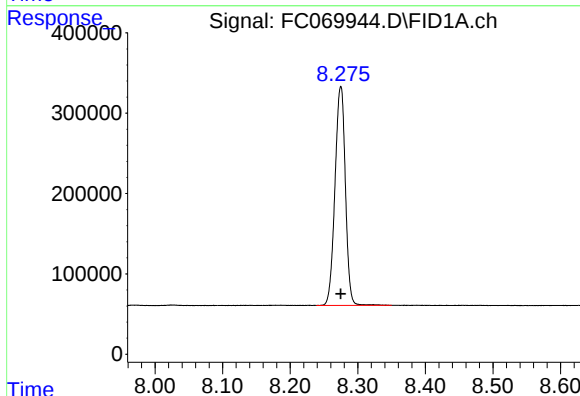
R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 2829645
Conc: 18.46 ug/ml



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

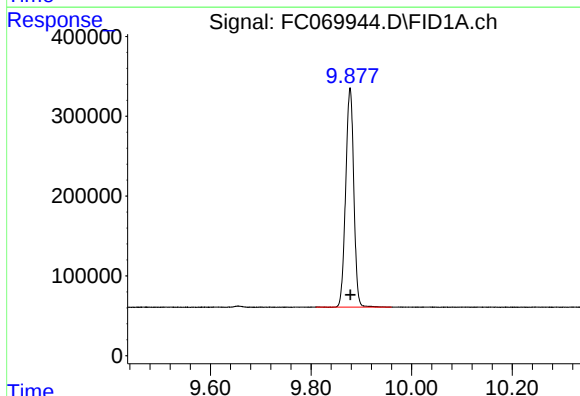
R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 2972852
Conc: 18.63 ug/ml

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20 PPM ALIPHATIC HC STD



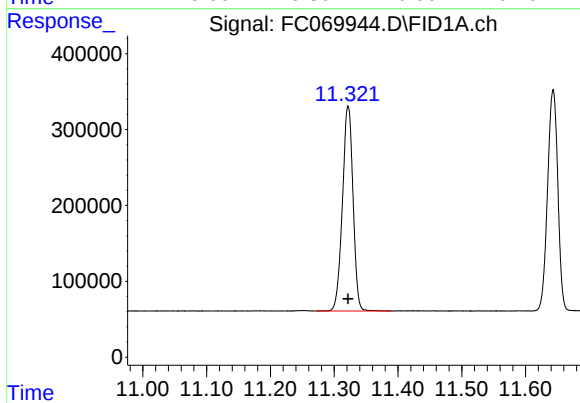
#6 n-Tetradecane (C14)

R.T.: 8.275 min
Delta R.T.: 0.000 min
Response: 2915705
Conc: 18.33 ug/ml



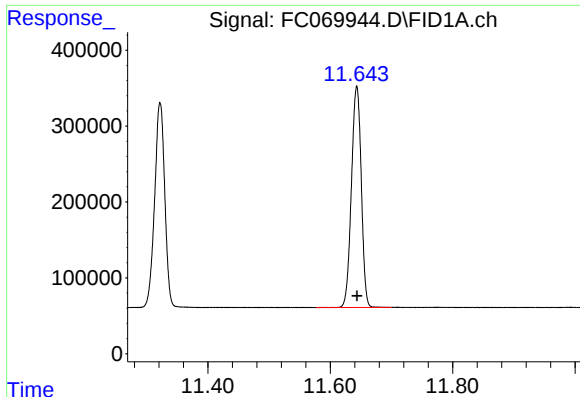
#7 n-Hexadecane (C16)

R.T.: 9.878 min
Delta R.T.: 0.000 min
Response: 3071217
Conc: 18.22 ug/ml



#8 n-Octadecane (C18)

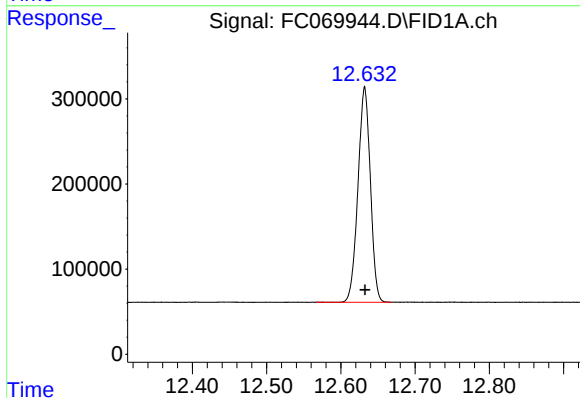
R.T.: 11.322 min
Delta R.T.: 0.000 min
Response: 3113758
Conc: 18.30 ug/ml



#9 ortho-Terphenyl (SURR)

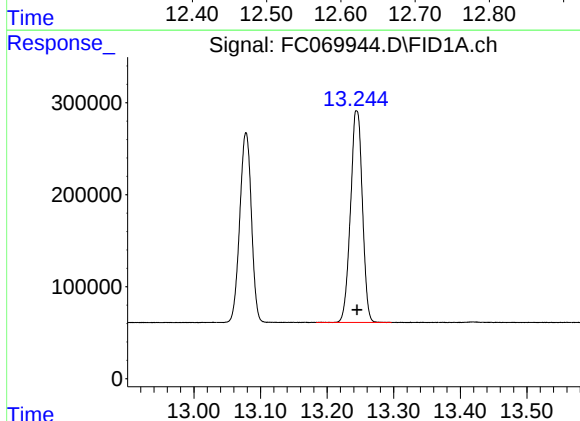
R.T.: 11.643 min
Delta R.T.: 0.000 min
Response: 3247029
Conc: 18.49 ug/ml

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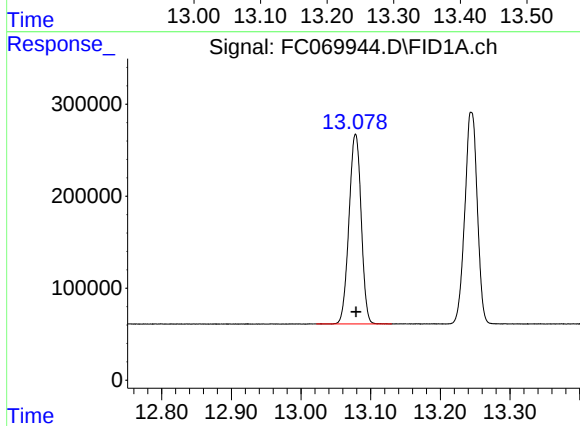
#10 n-Eicosane (C20)

R.T.: 12.632 min
Delta R.T.: 0.000 min
Response: 2932066
Conc: 18.28 ug/ml



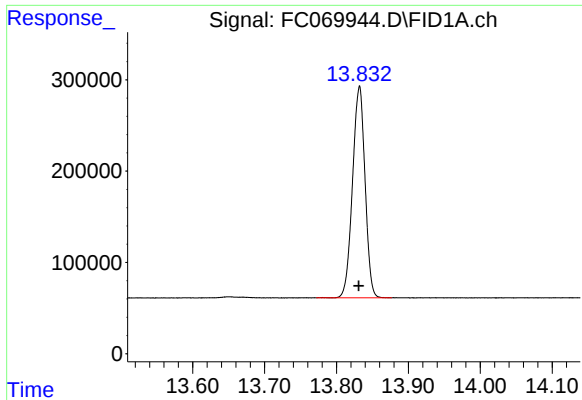
#11 n-Heneicosane (C21)

R.T.: 13.245 min
Delta R.T.: 0.000 min
Response: 2853180
Conc: 18.38 ug/ml



#12 1-chlorooctadecane (SURR)

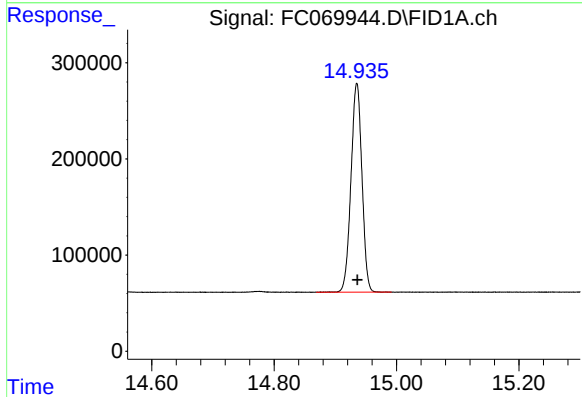
R.T.: 13.078 min
Delta R.T.: 0.000 min
Response: 2501520
Conc: 18.43 ug/ml



#13 n-Docosane (C22)

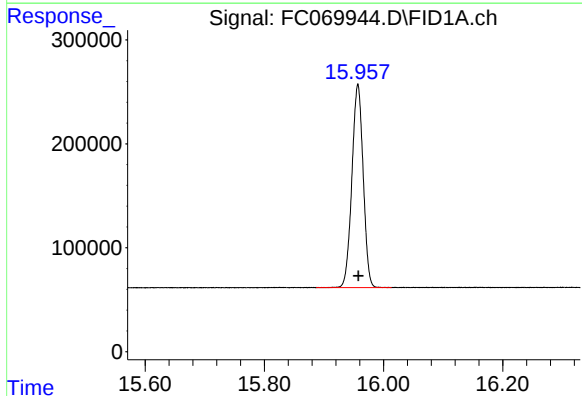
R.T.: 13.832 min
Delta R.T.: 0.000 min
Response: 2795545
Conc: 18.17 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



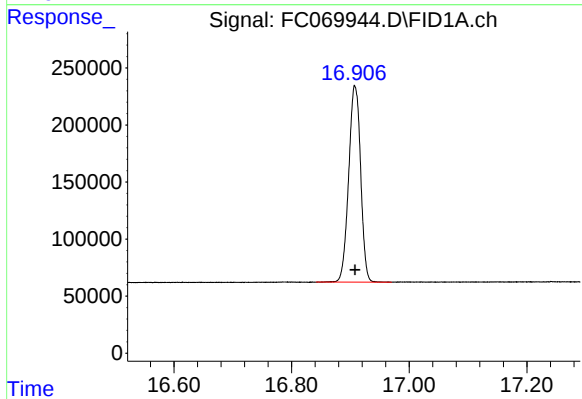
#14 n-Tetracosane (C24)

R.T.: 14.935 min
Delta R.T.: -0.001 min
Response: 2701908
Conc: 17.82 ug/ml



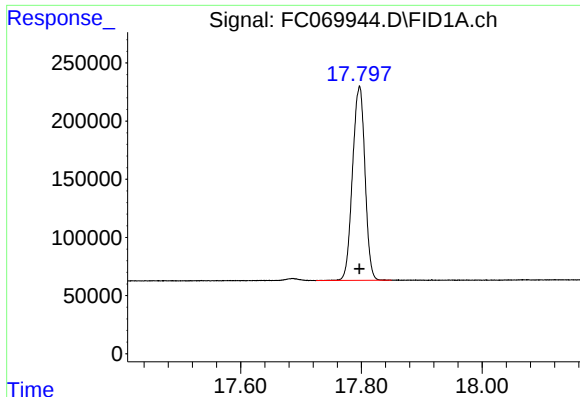
#15 n-Hexacosane (C26)

R.T.: 15.957 min
Delta R.T.: -0.001 min
Response: 2566266
Conc: 17.73 ug/ml



#16 n-Octacosane (C28)

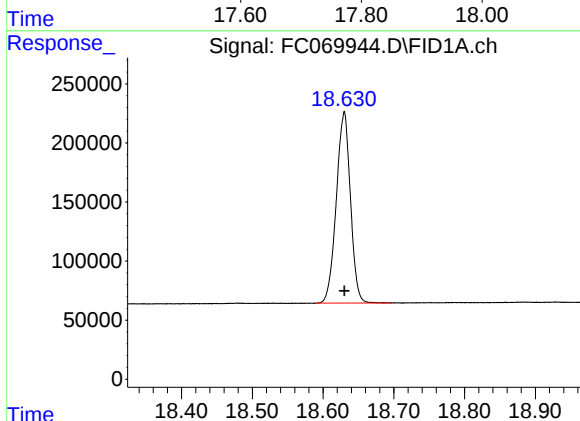
R.T.: 16.908 min
Delta R.T.: 0.000 min
Response: 2429664
Conc: 17.57 ug/ml



#17 n-Tricontane (C30)

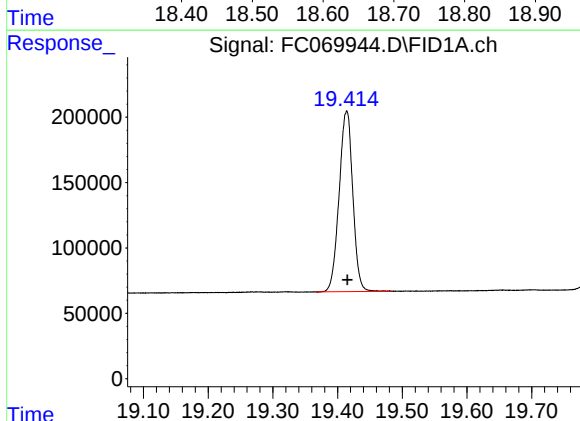
R.T.: 17.797 min
Delta R.T.: 0.000 min
Response: 2388574
Conc: 17.49 ug/ml

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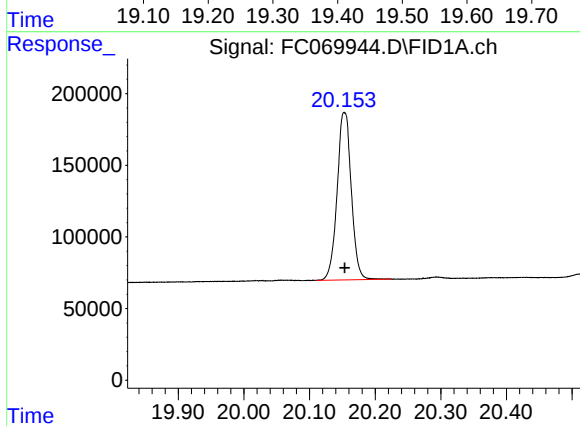
#18 n-Dotriacontane (C32)

R.T.: 18.630 min
Delta R.T.: 0.000 min
Response: 2244571
Conc: 17.41 ug/ml



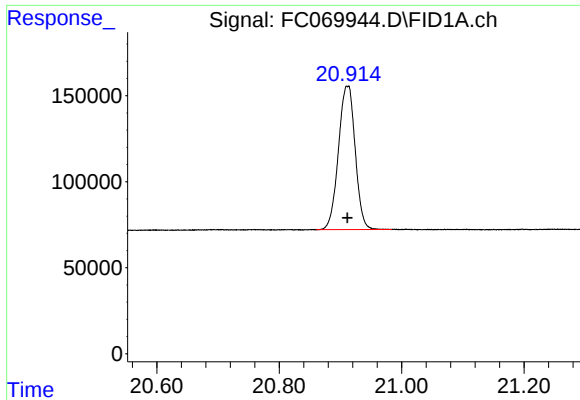
#19 n-Tetratriacontane (C34)

R.T.: 19.414 min
Delta R.T.: -0.001 min
Response: 2027535
Conc: 17.76 ug/ml



#20 n-Hexatriacontane (C36)

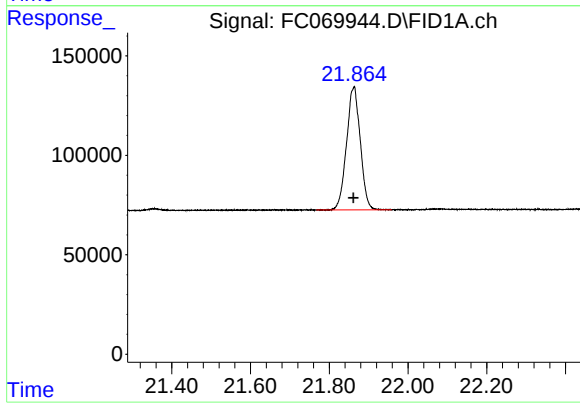
R.T.: 20.153 min
Delta R.T.: 0.000 min
Response: 1753883
Conc: 18.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.911 min
Delta R.T.: 0.000 min
Response: 1585383
Conc: 18.19 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.862 min
Delta R.T.: 0.000 min
Response: 1499873
Conc: 18.25 ug/ml