

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071725AL\
 Data File : FC069479.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jul 2025 08:56
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 17 11:30:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 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)	11.668	2729639	18.393 ug/ml
Spiked Amount 50.000		Recovery =	36.79%
12) S 1-chlorooctadecane (S...	13.104	2043560	18.083 ug/ml
Spiked Amount 50.000		Recovery =	36.17%
Target Compounds			
1) T n-Nonane (C9)	3.403	2557439	18.794 ug/ml
2) T n-Decane (C10)	4.475	2619537	18.821 ug/ml
3) T A~Naphthalene (C11.7)	6.068	2840328	18.797 ug/ml
4) T n-Dodecane (C12)	6.499	2639826	18.625 ug/ml
5) T A~2-methylnaphthalene...	7.127	2723268	18.641 ug/ml
6) T n-Tetradecane (C14)	8.297	2607814	18.341 ug/ml
7) T n-Hexadecane (C16)	9.902	2636243	18.061 ug/ml
8) T n-Octadecane (C18)	11.346	2587101	17.985 ug/ml
10) T n-Eicosane (C20)	12.658	2416192	17.998 ug/ml
11) T n-Heneicosane (C21)	13.270	2341284	18.025 ug/ml
13) T n-Docosane (C22)	13.858	2290760	18.036 ug/ml
14) T n-Tetracosane (C24)	14.963	2205185	18.067 ug/ml
15) T n-Hexacosane (C26)	15.985	2096405	18.044 ug/ml
16) T n-Octacosane (C28)	16.936	1982306	17.905 ug/ml
17) T n-Tricontane (C30)	17.824	1946946	17.780 ug/ml
18) T n-Dotriacontane (C32)	18.658	1851444	17.842 ug/ml
19) T n-Tetratriacontane (C34)	19.443	1700969	18.052 ug/ml
20) T n-Hexatriacontane (C36)	20.184	1502956	18.196 ug/ml
21) T n-Octatriacontane (C38)	20.949	1392818	18.338 ug/ml
22) T n-Tetracontane (C40)	21.913	1341519	18.315 ug/ml

(f)=RT Delta > 1/2 Window

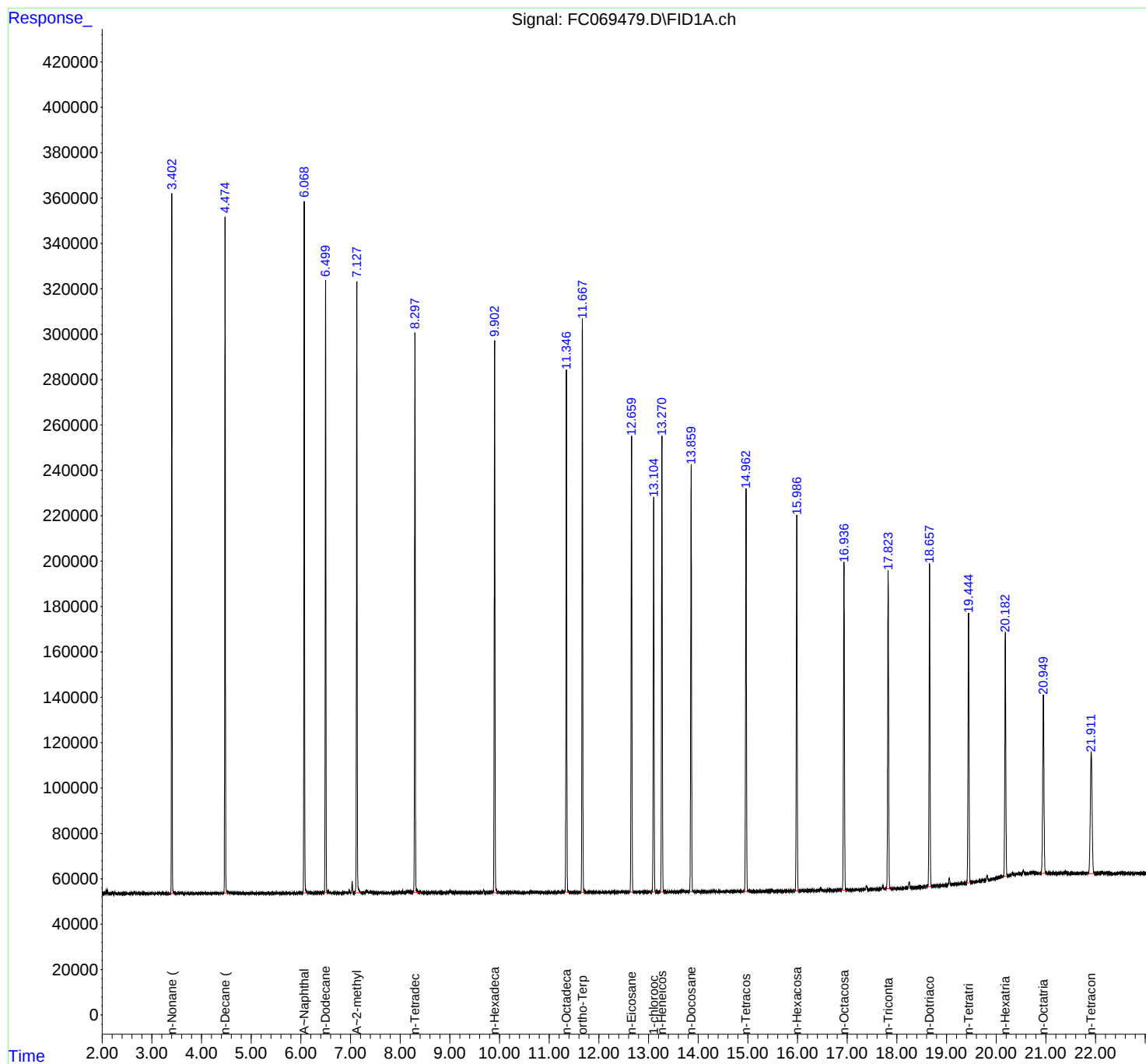
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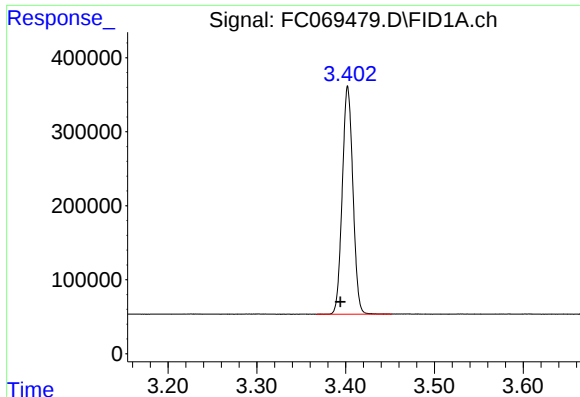
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071725AL\
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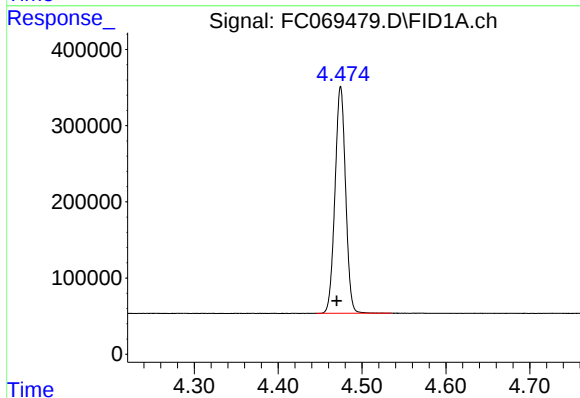




#1 n-Nonane (C9)

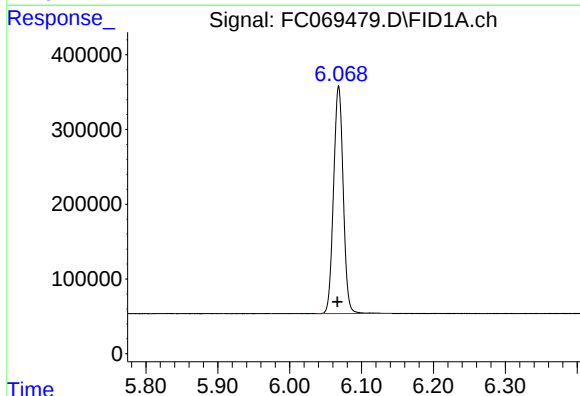
R.T.: 3.403 min
Delta R.T.: 0.009 min
Response: 2557439
Conc: 18.79 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



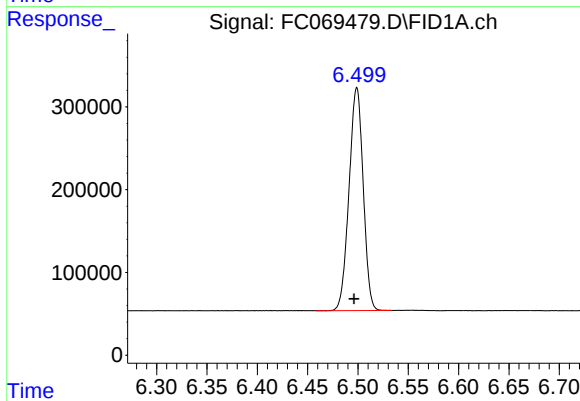
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: 0.005 min
Response: 2619537
Conc: 18.82 ug/ml



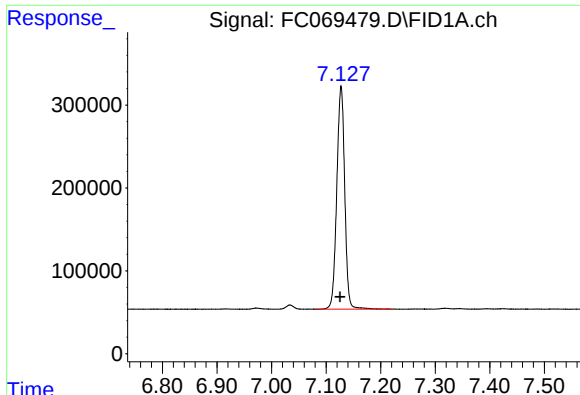
#3 A~Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: 0.002 min
Response: 2840328
Conc: 18.80 ug/ml



#4 n-Dodecane (C12)

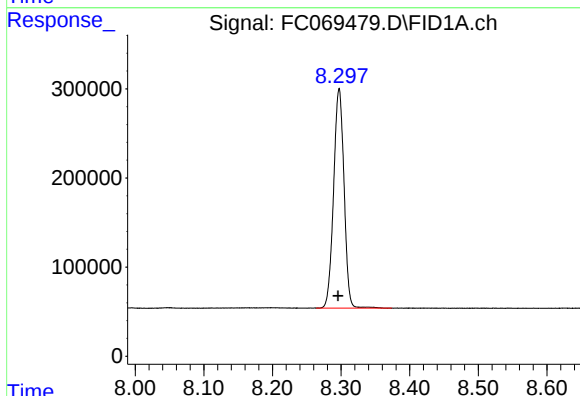
R.T.: 6.499 min
Delta R.T.: 0.002 min
Response: 2639826
Conc: 18.62 ug/ml



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

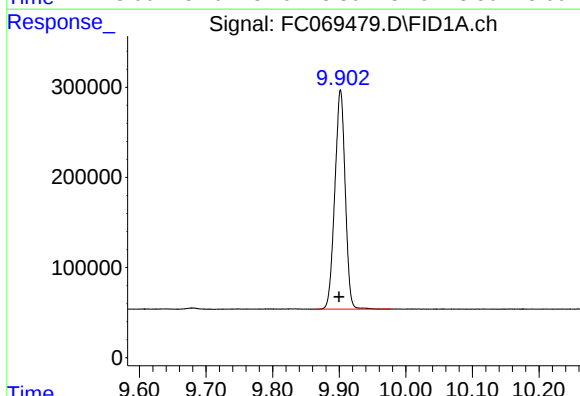
R.T.: 7.127 min
Delta R.T.: 0.002 min
Response: 2723268
Conc: 18.64 ug/ml

Instrument :
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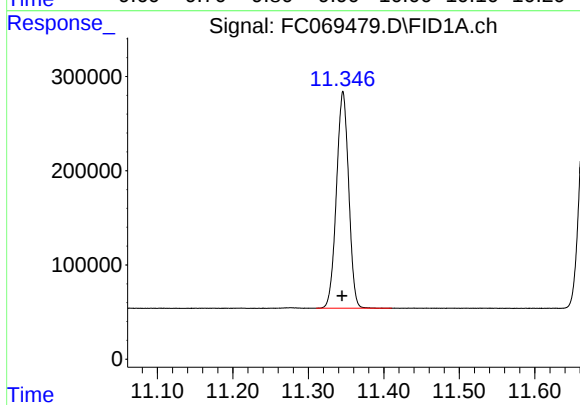
#6 n-Tetradecane (C14)

R.T.: 8.297 min
Delta R.T.: 0.002 min
Response: 2607814
Conc: 18.34 ug/ml



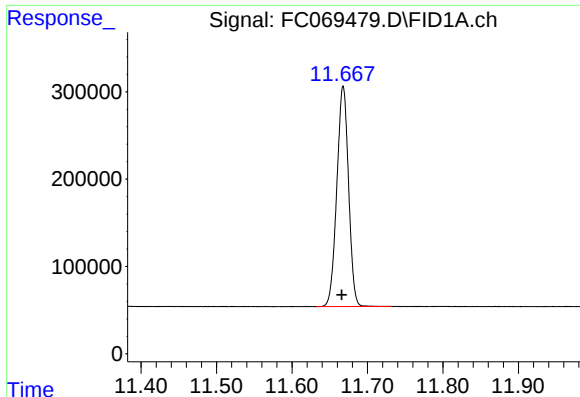
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: 0.002 min
Response: 2636243
Conc: 18.06 ug/ml



#8 n-Octadecane (C18)

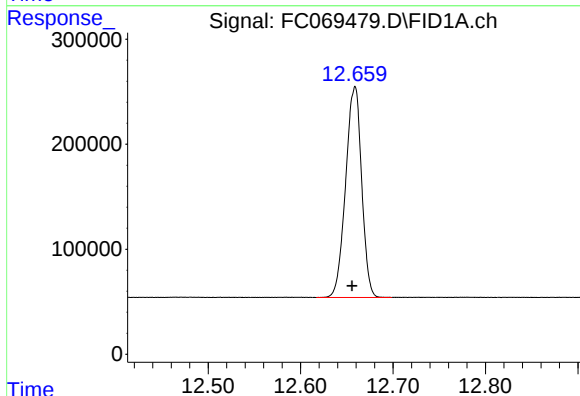
R.T.: 11.346 min
Delta R.T.: 0.001 min
Response: 2587101
Conc: 17.98 ug/ml



#9 ortho-Terphenyl (SURR)

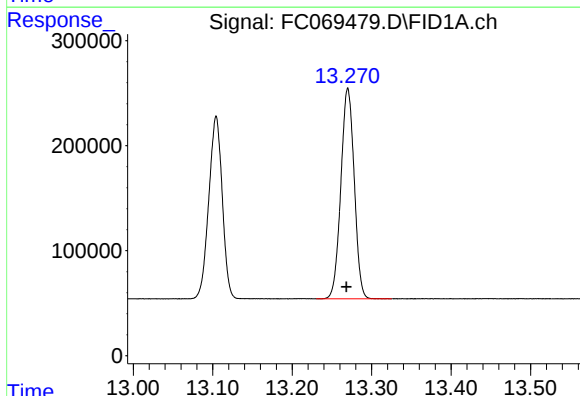
R.T.: 11.668 min
Delta R.T.: 0.002 min
Response: 2729639
Conc: 18.39 ug/ml

Instrument :
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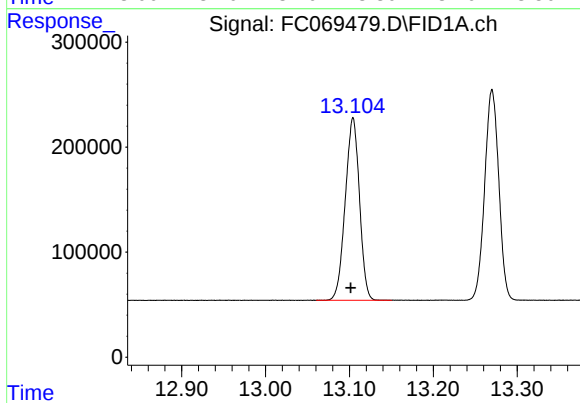
#10 n-Eicosane (C20)

R.T.: 12.658 min
Delta R.T.: 0.003 min
Response: 2416192
Conc: 18.00 ug/ml



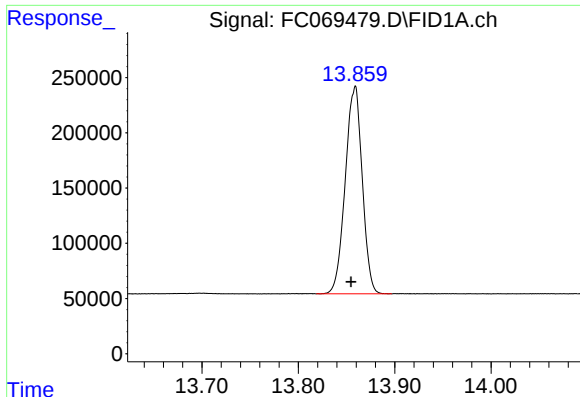
#11 n-Heneicosane (C21)

R.T.: 13.270 min
Delta R.T.: 0.002 min
Response: 2341284
Conc: 18.02 ug/ml



#12 1-chlorooctadecane (SURR)

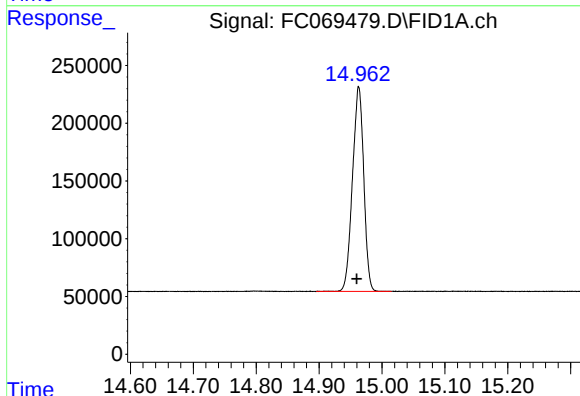
R.T.: 13.104 min
Delta R.T.: 0.003 min
Response: 2043560
Conc: 18.08 ug/ml



#13 n-Docosane (C22)

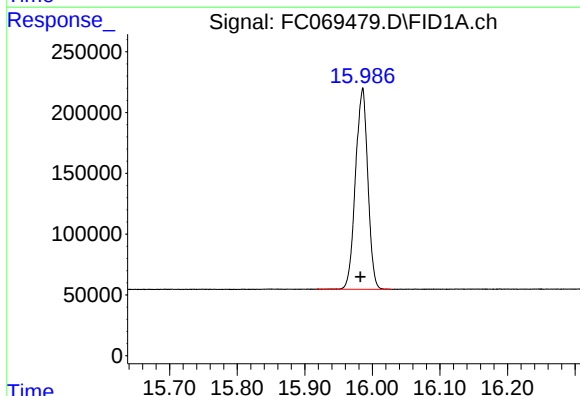
R.T.: 13.858 min
Delta R.T.: 0.004 min
Response: 2290760
Conc: 18.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



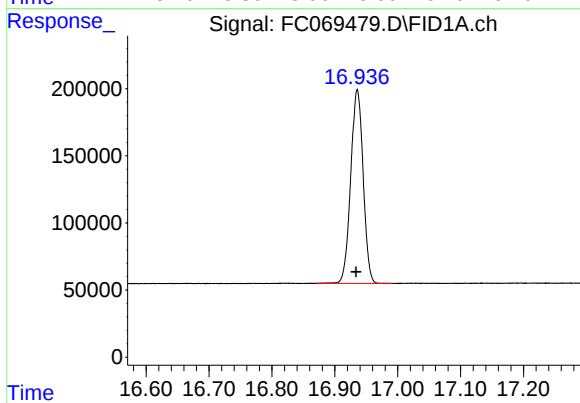
#14 n-Tetracosane (C24)

R.T.: 14.963 min
Delta R.T.: 0.004 min
Response: 2205185
Conc: 18.07 ug/ml



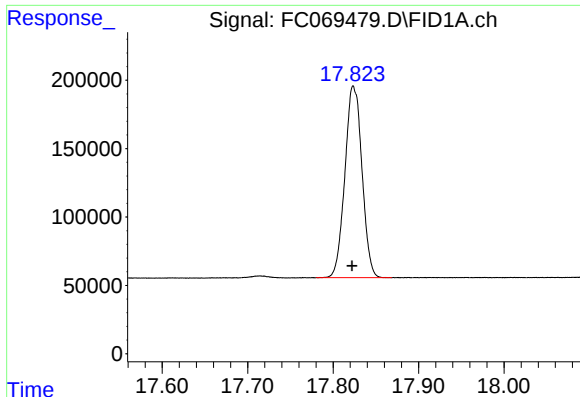
#15 n-Hexacosane (C26)

R.T.: 15.985 min
Delta R.T.: 0.003 min
Response: 2096405
Conc: 18.04 ug/ml



#16 n-Octacosane (C28)

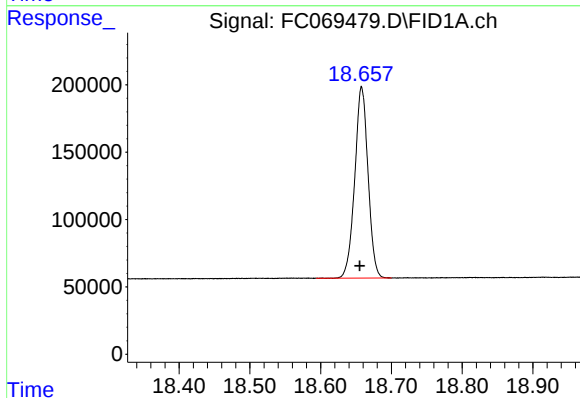
R.T.: 16.936 min
Delta R.T.: 0.002 min
Response: 1982306
Conc: 17.90 ug/ml



#17 n-Tricontane (C30)

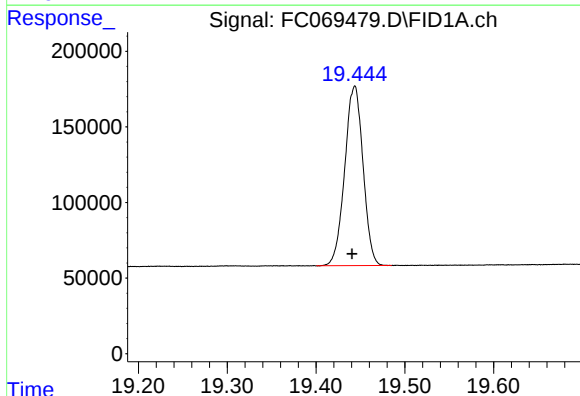
R.T.: 17.824 min
Delta R.T.: 0.002 min
Response: 1946946
Conc: 17.78 ug/ml

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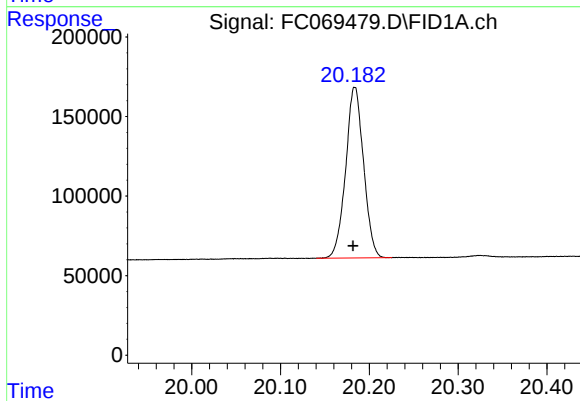
#18 n-Dotriacontane (C32)

R.T.: 18.658 min
Delta R.T.: 0.003 min
Response: 1851444
Conc: 17.84 ug/ml



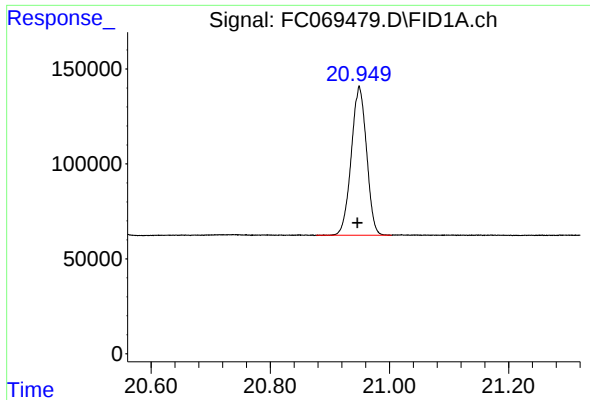
#19 n-Tetratriacontane (C34)

R.T.: 19.443 min
Delta R.T.: 0.003 min
Response: 1700969
Conc: 18.05 ug/ml



#20 n-Hexatriacontane (C36)

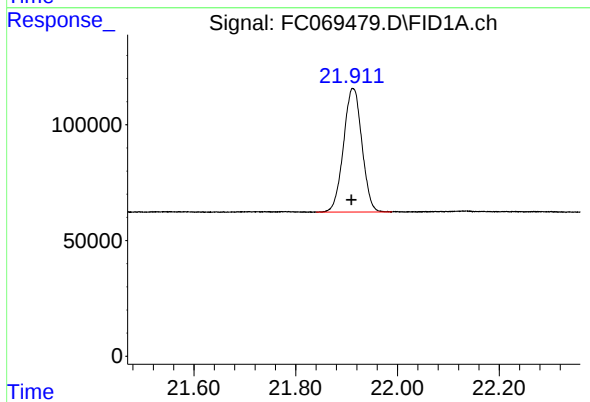
R.T.: 20.184 min
Delta R.T.: 0.002 min
Response: 1502956
Conc: 18.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.949 min
Delta R.T.: 0.003 min
Response: 1392818
Conc: 18.34 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.913 min
Delta R.T.: 0.004 min
Response: 1341519
Conc: 18.31 ug/ml