

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082725AL\
 Data File : FC069759.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2025 12:21
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 27 12:51:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 27 12:11:00 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)	11.660	2591431	20.012 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
12) S 1-chlorooctadecane (S...	13.096	1912539	19.988 ug/ml
Spiked Amount 50.000		Recovery =	39.98%
Target Compounds			
1) T n-Nonane (C9)	3.397	2531837	20.196 ug/ml
2) T n-Decane (C10)	4.468	2576541	20.221 ug/ml
3) T A~Naphthalene (C11.7)	6.061	2711124	20.154 ug/ml
4) T n-Dodecane (C12)	6.492	2591892	20.228 ug/ml
5) T A~2-methylnaphthalene...	7.120	2572440	20.086 ug/ml
6) T n-Tetradecane (C14)	8.290	2570997	20.159 ug/ml
7) T n-Hexadecane (C16)	9.893	2602899	20.155 ug/ml
8) T n-Octadecane (C18)	11.338	2521086	20.107 ug/ml
10) T n-Eicosane (C20)	12.650	2325499	20.035 ug/ml
11) T n-Heneicosane (C21)	13.262	2239275	20.026 ug/ml
13) T n-Docosane (C22)	13.850	2179178	19.969 ug/ml
14) T n-Tetracosane (C24)	14.955	2092946	19.957 ug/ml
15) T n-Hexacosane (C26)	15.977	1997330	19.930 ug/ml
16) T n-Octacosane (C28)	16.928	1923829	19.981 ug/ml
17) T n-Tricontane (C30)	17.818	1919681	19.961 ug/ml
18) T n-Dotriacontane (C32)	18.651	1855093	19.915 ug/ml
19) T n-Tetratriacontane (C34)	19.437	1720924	19.942 ug/ml
20) T n-Hexatriacontane (C36)	20.177	1517663	19.894 ug/ml
21) T n-Octatriacontane (C38)	20.942	1387031	19.723 ug/ml
22) T n-Tetracontane (C40)	21.901	1278490	19.246 ug/ml

(f)=RT Delta > 1/2 Window

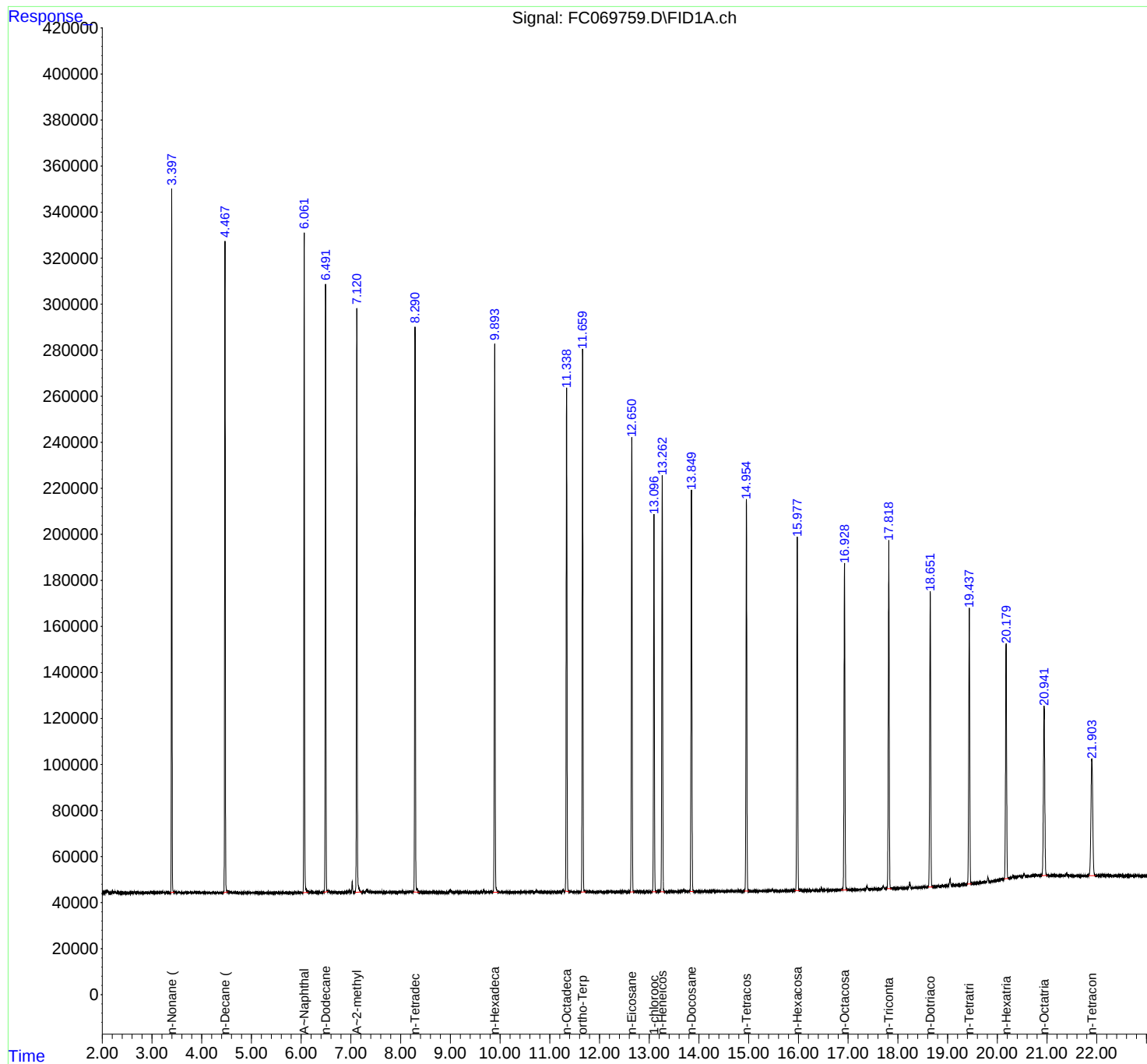
(m)=manual int.

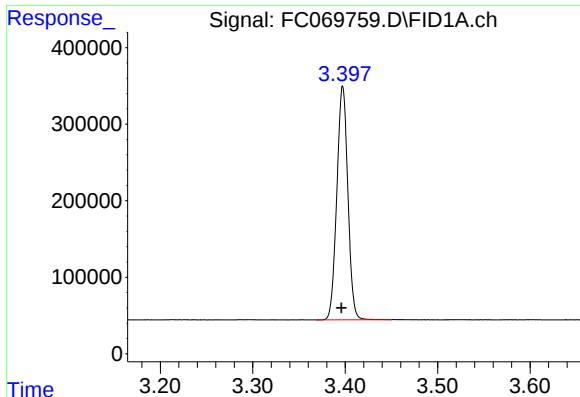
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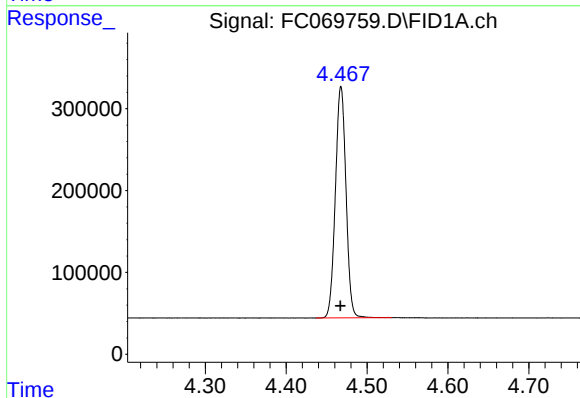




#1 n-Nonane (C9)

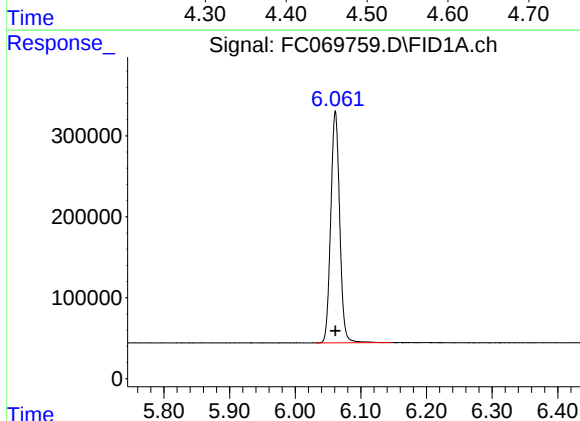
R.T.: 3.397 min
Delta R.T.: 0.001 min
Response: 2531837
Conc: 20.20 ug/ml

Instrument :
FID_C
ClientSampleId :



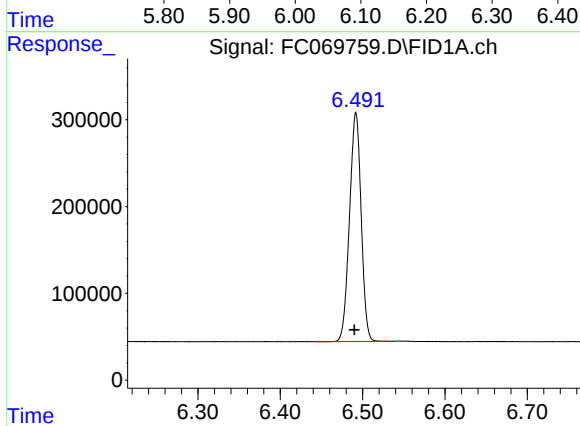
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 2576541
Conc: 20.22 ug/ml



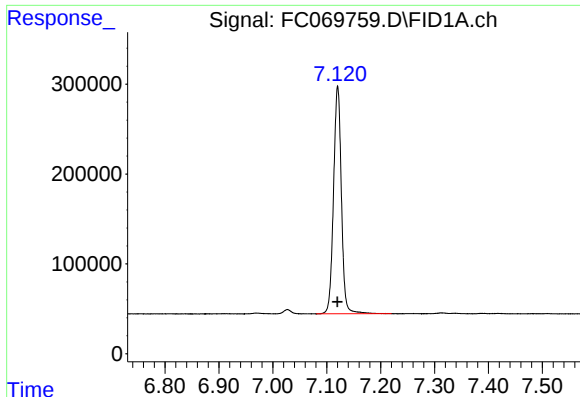
#3 A~Naphthalene (C11.7)

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 2711124
Conc: 20.15 ug/ml



#4 n-Dodecane (C12)

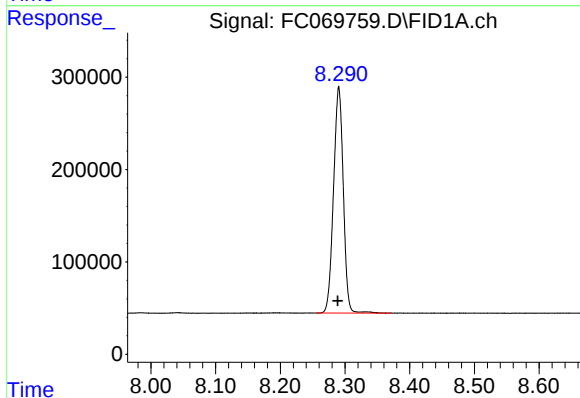
R.T.: 6.492 min
Delta R.T.: 0.002 min
Response: 2591892
Conc: 20.23 ug/ml



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

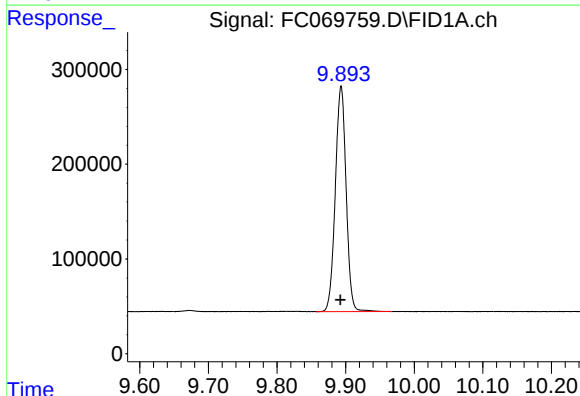
R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 2572440
Conc: 20.09 ug/ml

Instrument :
FID_C
ClientSampleId :



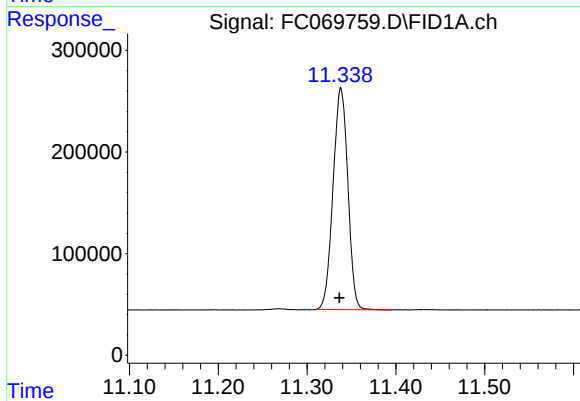
#6 n-Tetradecane (C14)

R.T.: 8.290 min
Delta R.T.: 0.002 min
Response: 2570997
Conc: 20.16 ug/ml



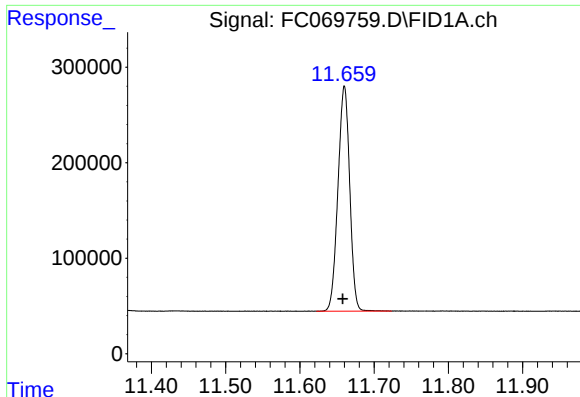
#7 n-Hexadecane (C16)

R.T.: 9.893 min
Delta R.T.: 0.000 min
Response: 2602899
Conc: 20.16 ug/ml



#8 n-Octadecane (C18)

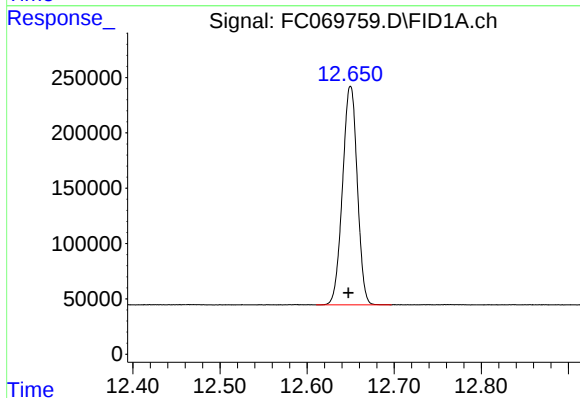
R.T.: 11.338 min
Delta R.T.: 0.002 min
Response: 2521086
Conc: 20.11 ug/ml



#9 ortho-Terphenyl (SURR)

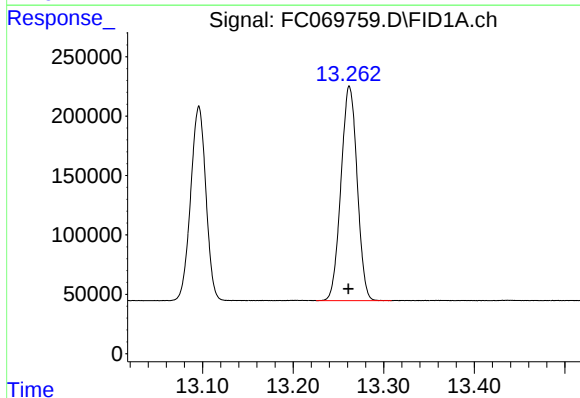
R.T.: 11.660 min
Delta R.T.: 0.002 min
Response: 2591431
Conc: 20.01 ug/ml

Instrument :
FID_C
ClientSampleId :



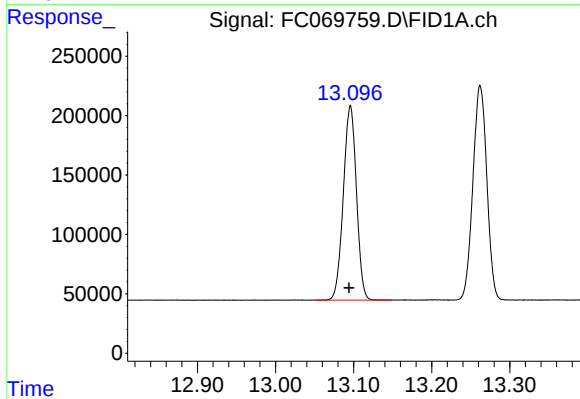
#10 n-Eicosane (C20)

R.T.: 12.650 min
Delta R.T.: 0.002 min
Response: 2325499
Conc: 20.03 ug/ml



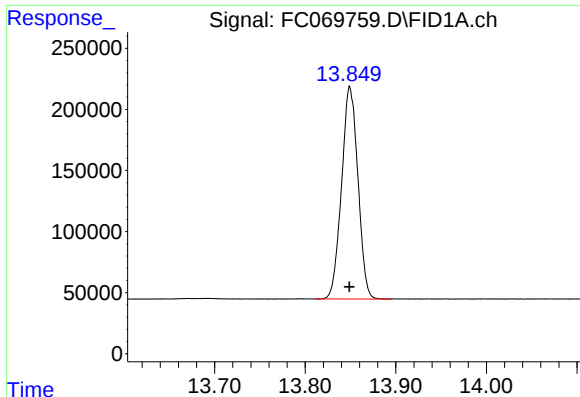
#11 n-Heneicosane (C21)

R.T.: 13.262 min
Delta R.T.: 0.001 min
Response: 2239275
Conc: 20.03 ug/ml



#12 1-chlorooctadecane (SURR)

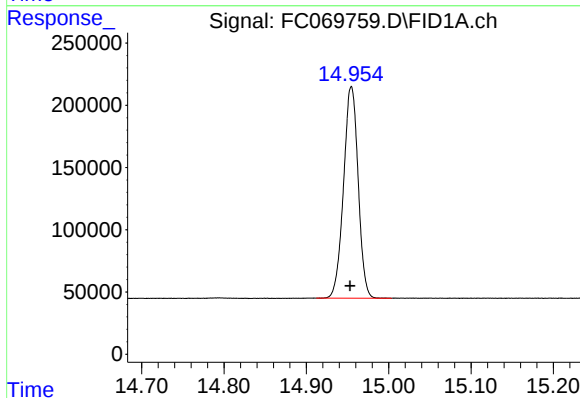
R.T.: 13.096 min
Delta R.T.: 0.002 min
Response: 1912539
Conc: 19.99 ug/ml



#13 n-Docosane (C22)

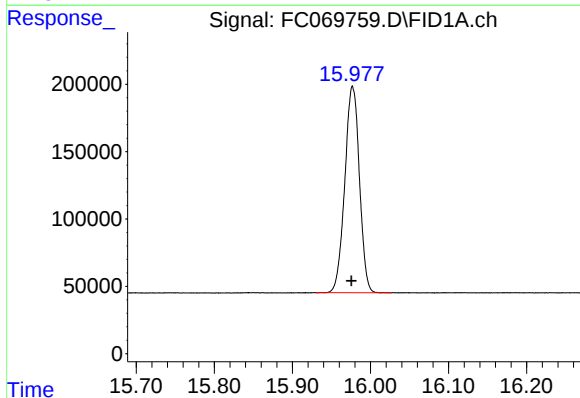
R.T.: 13.850 min
Delta R.T.: 0.000 min
Response: 2179178
Conc: 19.97 ug/ml

Instrument :
FID_C
ClientSampleId :



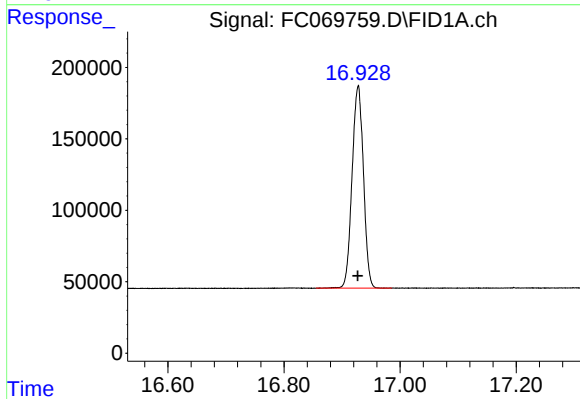
#14 n-Tetracosane (C24)

R.T.: 14.955 min
Delta R.T.: 0.001 min
Response: 2092946
Conc: 19.96 ug/ml



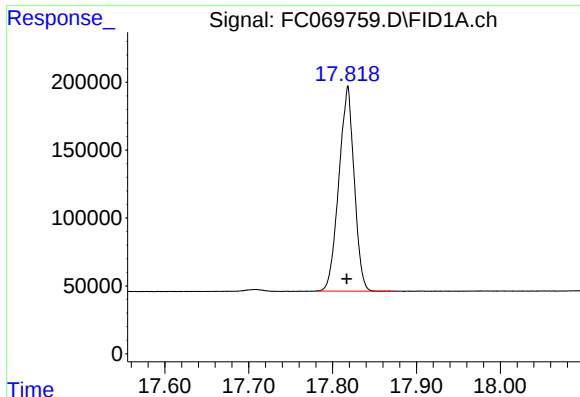
#15 n-Hexacosane (C26)

R.T.: 15.977 min
Delta R.T.: 0.001 min
Response: 1997330
Conc: 19.93 ug/ml



#16 n-Octacosane (C28)

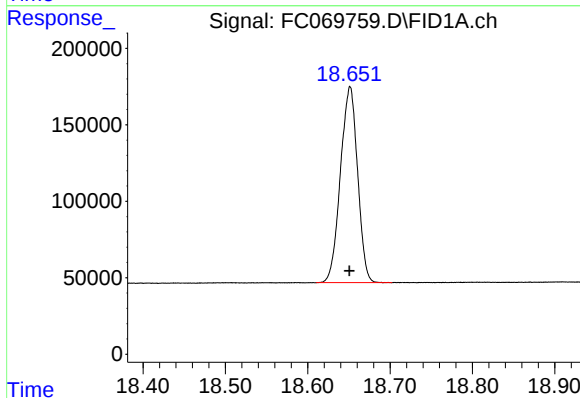
R.T.: 16.928 min
Delta R.T.: 0.000 min
Response: 1923829
Conc: 19.98 ug/ml



#17 n-Tricontane (C30)

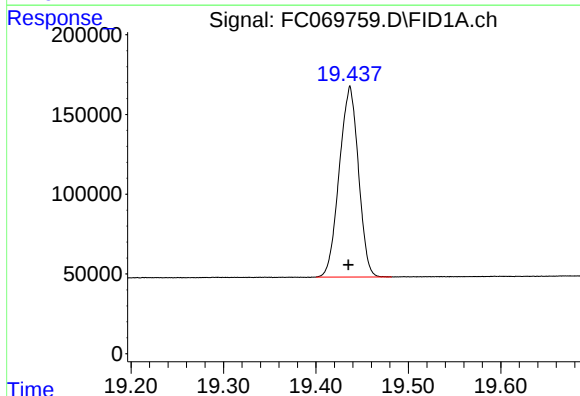
R.T.: 17.818 min
Delta R.T.: 0.000 min
Response: 1919681
Conc: 19.96 ug/ml

Instrument :
FID_C
ClientSampleId :



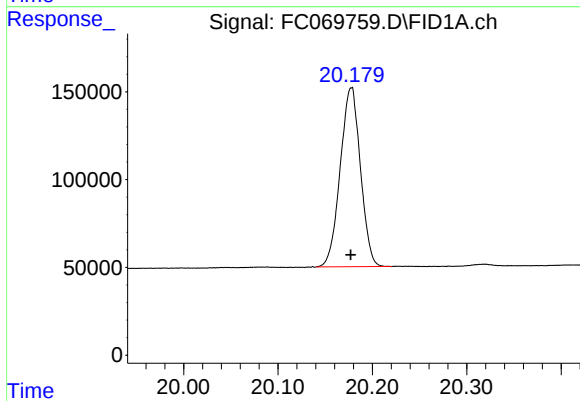
#18 n-Dotriacontane (C32)

R.T.: 18.651 min
Delta R.T.: 0.000 min
Response: 1855093
Conc: 19.91 ug/ml



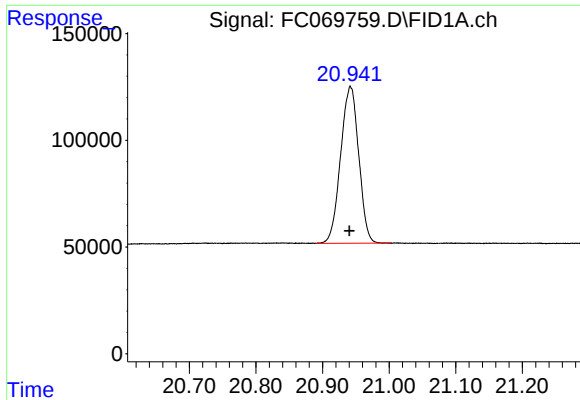
#19 n-Tetratriacontane (C34)

R.T.: 19.437 min
Delta R.T.: 0.002 min
Response: 1720924
Conc: 19.94 ug/ml



#20 n-Hexatriacontane (C36)

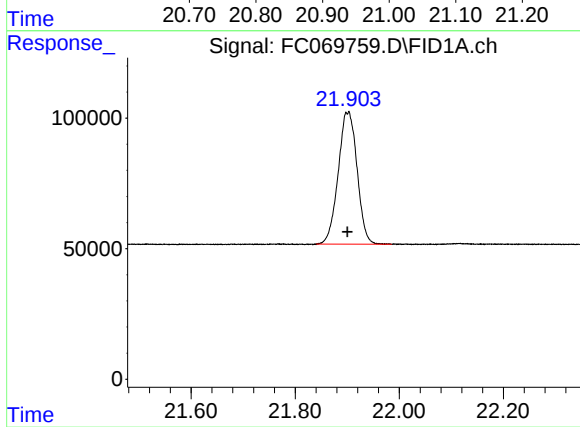
R.T.: 20.177 min
Delta R.T.: 0.000 min
Response: 1517663
Conc: 19.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.942 min
Delta R.T.: 0.002 min
Response: 1387031
Conc: 19.72 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.901 min
Delta R.T.: 0.000 min
Response: 1278490
Conc: 19.25 ug/ml