

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091622AL\
 Data File : FC061544.D
 Signal(s) : FID1A.ch
 Acq On : 16 Sep 2022 10:26
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 17 13:12:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 31 11:58:37 2022
 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)	11.574	3063034	17.303 ug/ml
Spiked Amount 50.000		Recovery =	34.61%
12) S 1-chlorooctadecane (S...	13.012	2414047	17.237 ug/ml
Spiked Amount 50.000		Recovery =	34.47%
Target Compounds			
1) T n-Nonane (C9)	3.331	2882119	19.063 ug/ml
2) T n-Decane (C10)	4.398	2900851	19.118 ug/ml
3) T A~Naphthalene (C11.7)	5.983	3259754	18.831 ug/ml
4) T n-Dodecane (C12)	6.415	2919281	18.850 ug/ml
5) T A~2-methylnaphthalene...	7.040	3272534	18.585 ug/ml
6) T n-Tetradecane (C14)	8.214	2899170	18.535 ug/ml
7) T n-Hexadecane (C16)	9.816	2872837	18.341 ug/ml
8) T n-Octadecane (C18)	11.258	2837661	17.986 ug/ml
10) T n-Eicosane (C20)	12.569	2729982	17.561 ug/ml
11) T n-Heneicosane (C21)	13.180	2713244	17.346 ug/ml
13) T n-Docosane (C22)	13.767	2658465	17.131 ug/ml
14) T n-Tetracosane (C24)	14.869	2593387	16.764 ug/ml
15) T n-Hexacosane (C26)	15.889	2515050	16.711 ug/ml
16) T n-Octacosane (C28)	16.840	2487304	16.840 ug/ml
17) T n-Tricontane (C30)	17.725	2412297	17.465 ug/ml
18) T n-Dotriacontane (C32)	18.557	2054938	18.721 ug/ml
19) T n-Tetratriacontane (C34)	19.340	1489916	19.303 ug/ml
20) T n-Hexatriacontane (C36)	20.078	1091292	19.329 ug/ml
21) T n-Octatriacontane (C38)	20.812	1120567	24.155 ug/ml
22) T n-Tetracontane (C40)	21.723	1045038	24.915 ug/ml

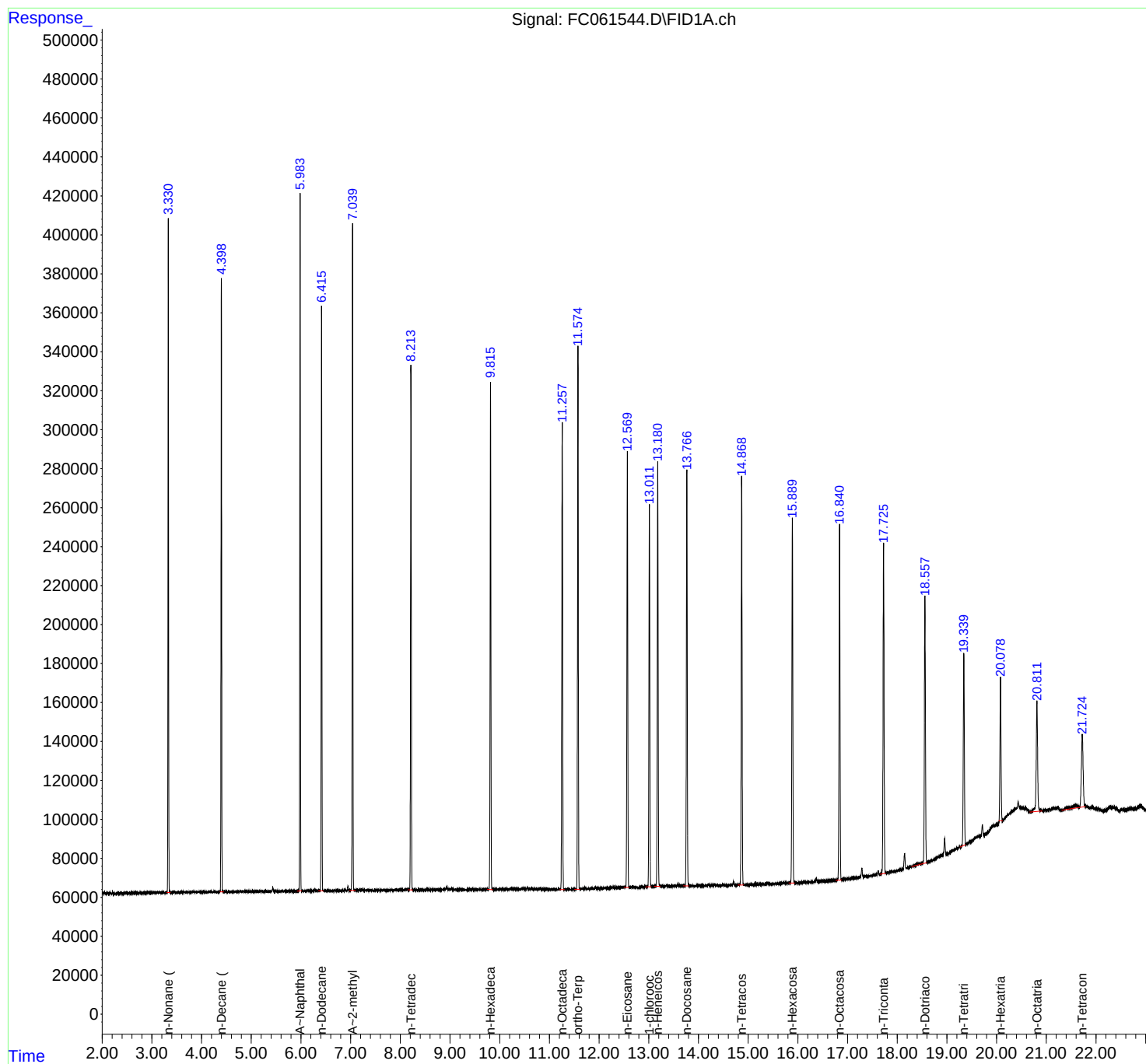
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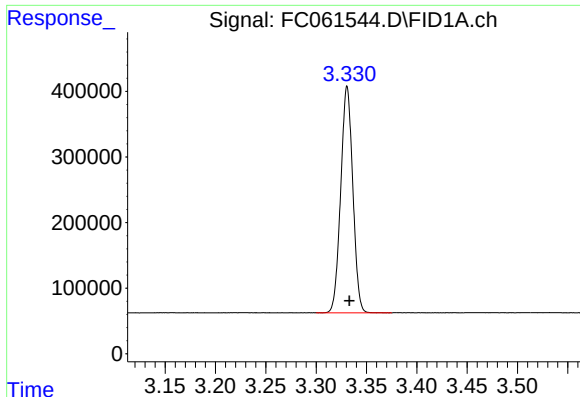
(m)=manual int.

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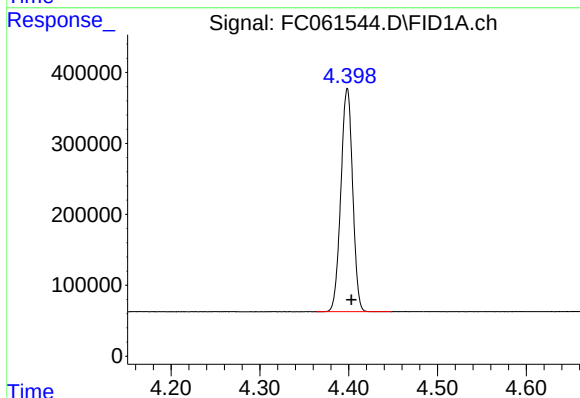
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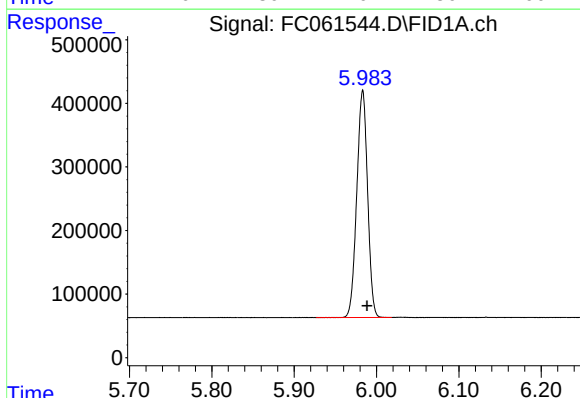
#1 n-Nonane (C9)

R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 2882119
Conc: 19.06 ug/ml



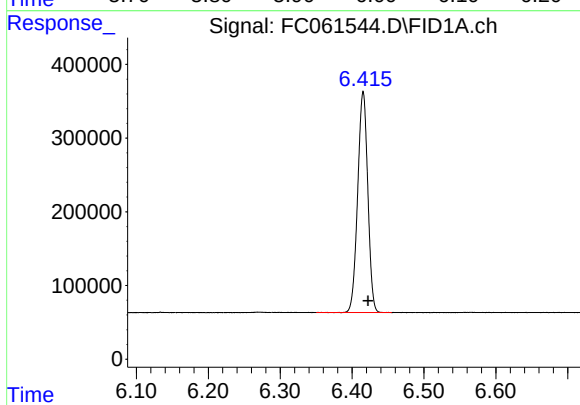
#2 n-Decane (C10)

R.T.: 4.398 min
Delta R.T.: -0.005 min
Response: 2900851
Conc: 19.12 ug/ml



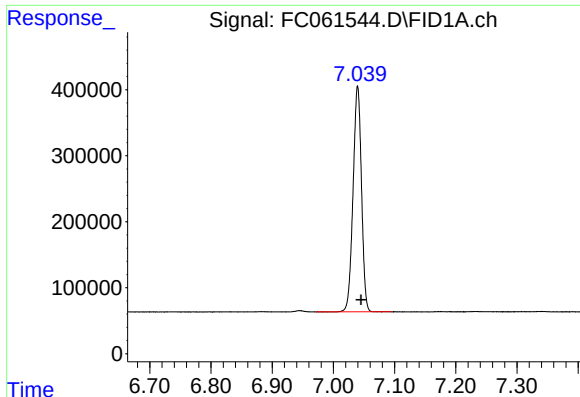
#3 A~Naphthalene (C11.7)

R.T.: 5.983 min
Delta R.T.: -0.006 min
Response: 3259754
Conc: 18.83 ug/ml



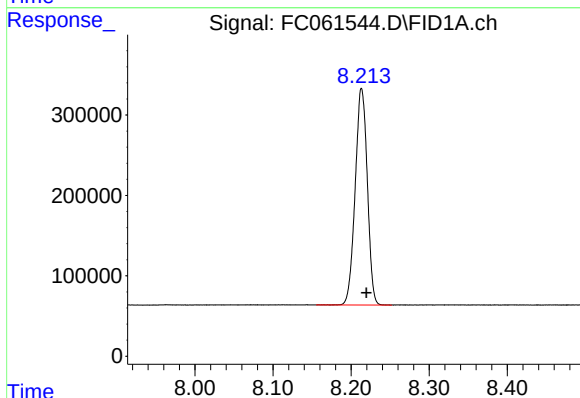
#4 n-Dodecane (C12)

R.T.: 6.415 min
Delta R.T.: -0.007 min
Response: 2919281
Conc: 18.85 ug/ml



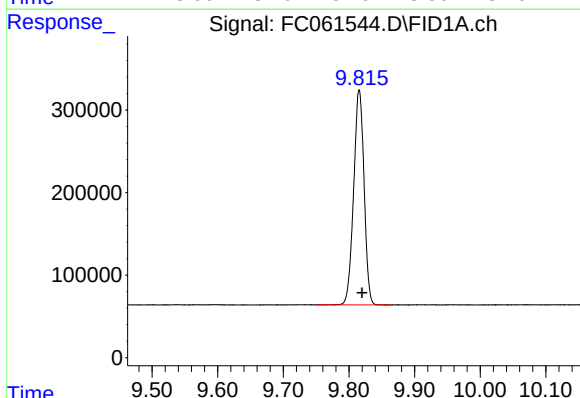
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.040 min
Delta R.T.: -0.005 min
Response: 3272534
Conc: 18.59 ug/ml



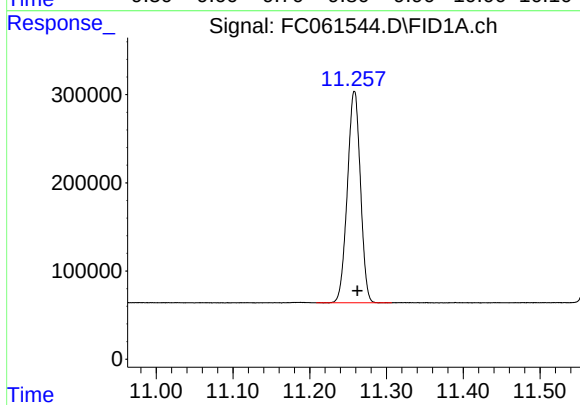
#6 n-Tetradecane (C14)

R.T.: 8.214 min
Delta R.T.: -0.006 min
Response: 2899170
Conc: 18.54 ug/ml



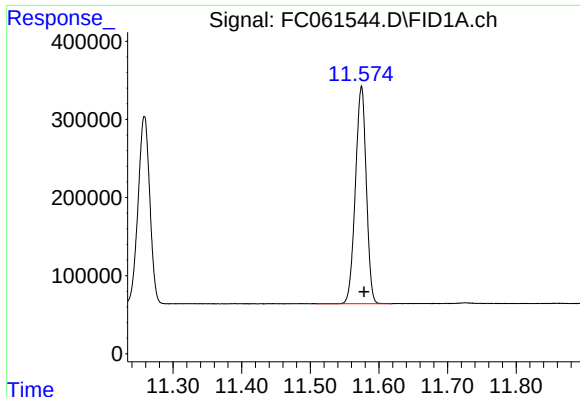
#7 n-Hexadecane (C16)

R.T.: 9.816 min
Delta R.T.: -0.005 min
Response: 2872837
Conc: 18.34 ug/ml



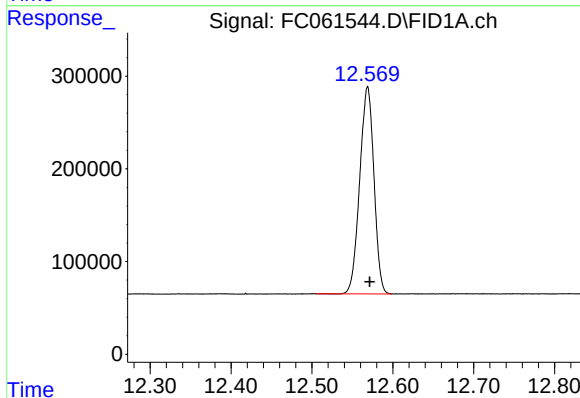
#8 n-Octadecane (C18)

R.T.: 11.258 min
Delta R.T.: -0.004 min
Response: 2837661
Conc: 17.99 ug/ml



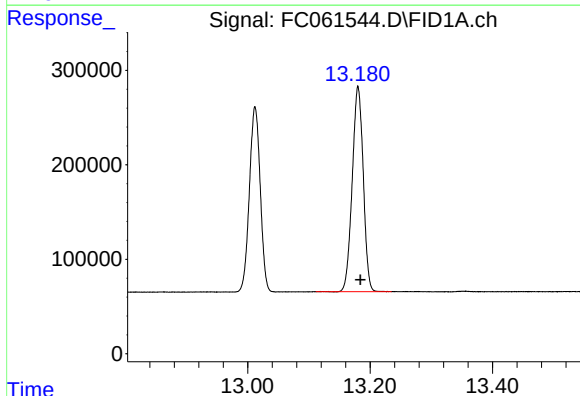
#9 ortho-Terphenyl (SURR)

R.T.: 11.574 min
Delta R.T.: -0.004 min
Response: 3063034
Conc: 17.30 ug/ml



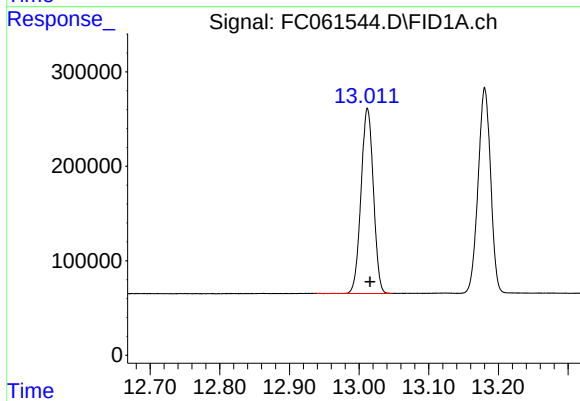
#10 n-Eicosane (C20)

R.T.: 12.569 min
Delta R.T.: -0.003 min
Response: 2729982
Conc: 17.56 ug/ml



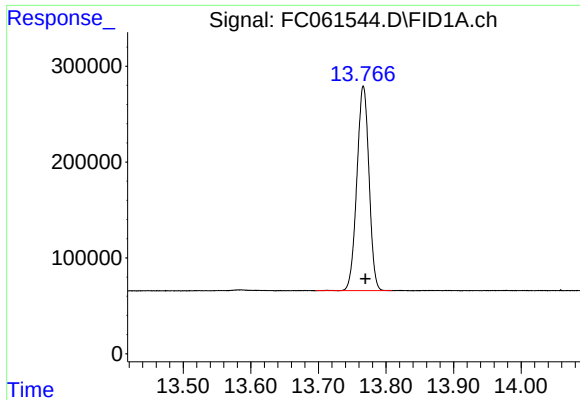
#11 n-Heneicosane (C21)

R.T.: 13.180 min
Delta R.T.: -0.004 min
Response: 2713244
Conc: 17.35 ug/ml



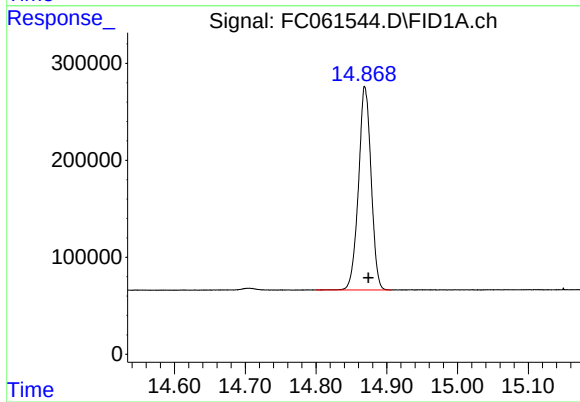
#12 1-chlorooctadecane (SURR)

R.T.: 13.012 min
Delta R.T.: -0.004 min
Response: 2414047
Conc: 17.24 ug/ml



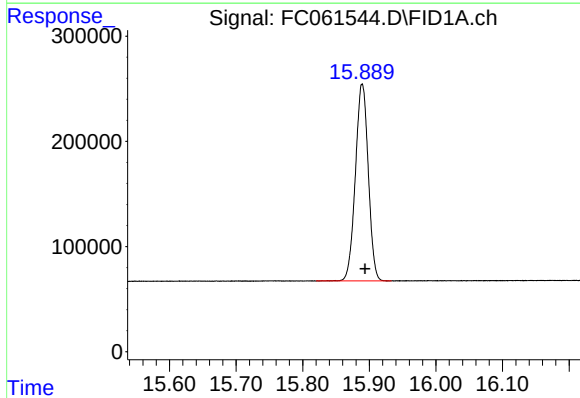
#13 n-Docosane (C22)

R.T.: 13.767 min
Delta R.T.: -0.003 min
Response: 2658465
Conc: 17.13 ug/ml



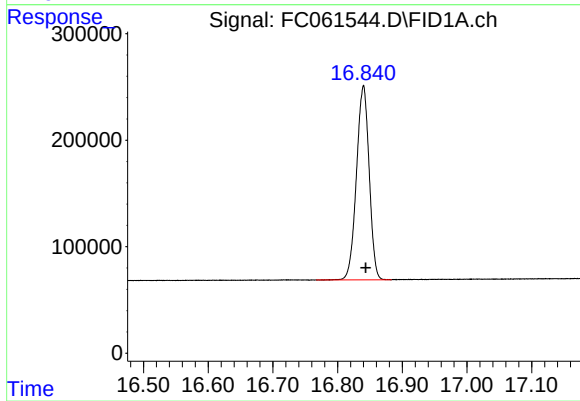
#14 n-Tetracosane (C24)

R.T.: 14.869 min
Delta R.T.: -0.004 min
Response: 2593387
Conc: 16.76 ug/ml



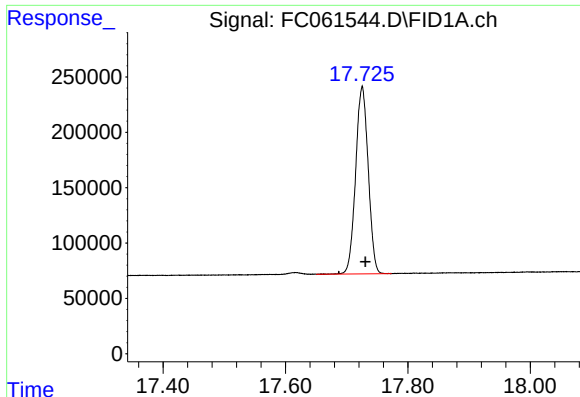
#15 n-Hexacosane (C26)

R.T.: 15.889 min
Delta R.T.: -0.004 min
Response: 2515050
Conc: 16.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.840 min
Delta R.T.: -0.004 min
Response: 2487304
Conc: 16.84 ug/ml



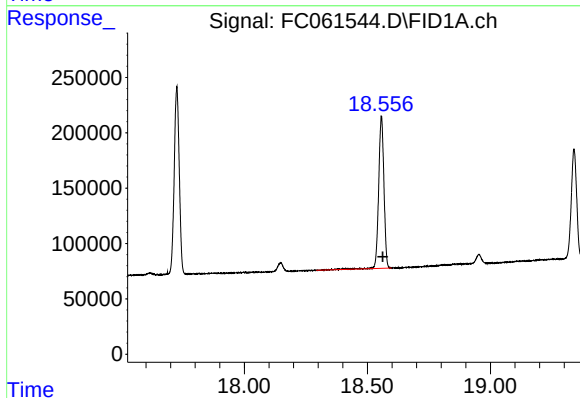
#17 n-Tricontane (C30)

R.T.: 17.725 min

Delta R.T.: -0.005 min

Response: 2412297

Conc: 17.47 ug/ml



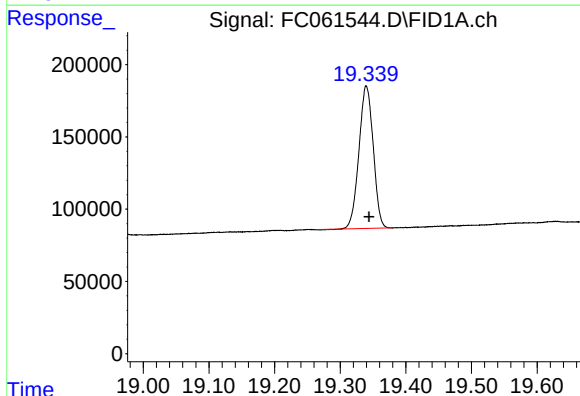
#18 n-Dotriacontane (C32)

R.T.: 18.557 min

Delta R.T.: -0.005 min

Response: 2054938

Conc: 18.72 ug/ml



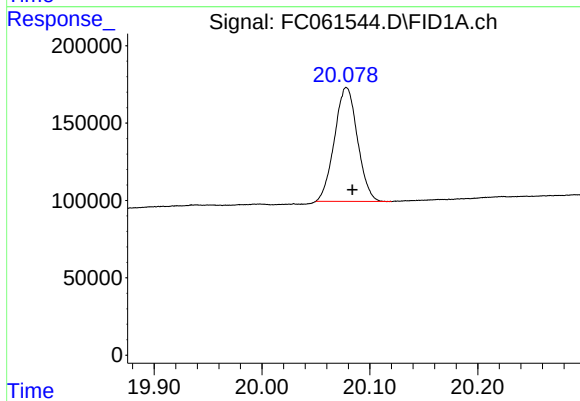
#19 n-Tetratriacontane (C34)

R.T.: 19.340 min

Delta R.T.: -0.004 min

Response: 1489916

Conc: 19.30 ug/ml



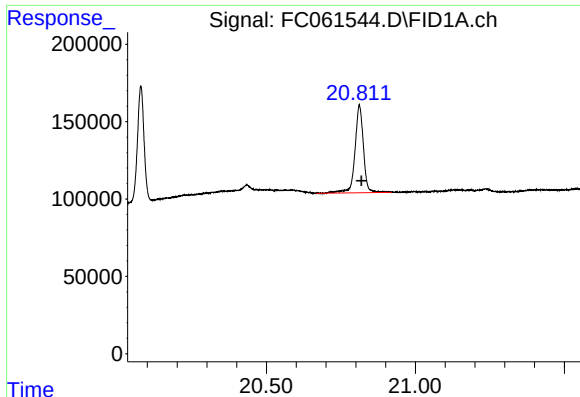
#20 n-Hexatriacontane (C36)

R.T.: 20.078 min

Delta R.T.: -0.006 min

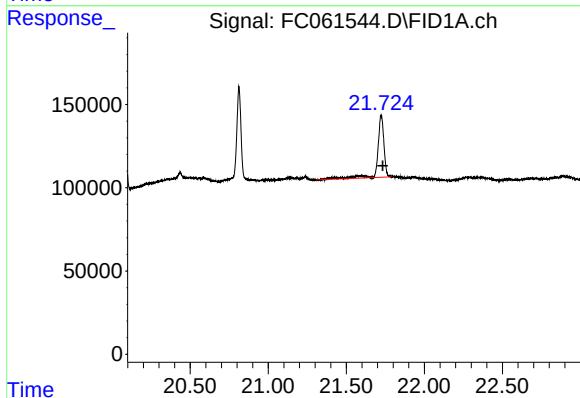
Response: 1091292

Conc: 19.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.812 min
Delta R.T.: -0.007 min
Response: 1120567
Conc: 24.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.723 min
Delta R.T.: -0.011 min
Response: 1045038
Conc: 24.92 ug/ml