

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011823AL\
 Data File : FC062709.D
 Signal(s) : FID1A.ch
 Acq On : 18 Jan 2023 21:32
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 18 23:38:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010523.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 04:54:00 2023
 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)	11.554	2816698	19.936 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
12) S 1-chlorooctadecane (S...	12.992	2108958	20.021 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
Target Compounds			
1) T n-Nonane (C9)	3.313	2706565	20.240 ug/ml
2) T n-Decane (C10)	4.380	2643247	20.381 ug/ml
3) T A~Naphthalene (C11.7)	5.964	2965649	20.181 ug/ml
4) T n-Dodecane (C12)	6.400	2637773	20.524 ug/ml
5) T A~2-methylnaphthalene...	7.022	2754173	20.145 ug/ml
6) T n-Tetradecane (C14)	8.196	2606063	20.245 ug/ml
7) T n-Hexadecane (C16)	9.797	2609074	20.203 ug/ml
8) T n-Octadecane (C18)	11.239	2601372	20.088 ug/ml
10) T n-Eicosane (C20)	12.547	2475638	20.060 ug/ml
11) T n-Heneicosane (C21)	13.159	2452338	20.008 ug/ml
13) T n-Docosane (C22)	13.745	2389109	19.984 ug/ml
14) T n-Tetracosane (C24)	14.846	2349381	20.173 ug/ml
15) T n-Hexacosane (C26)	15.866	2289147	20.377 ug/ml
16) T n-Octacosane (C28)	16.812	2258660	20.571 ug/ml
17) T n-Tricontane (C30)	17.700	2264556	20.911 ug/ml
18) T n-Dotriacontane (C32)	18.531	2288614	20.963 ug/ml
19) T n-Tetratriacontane (C34)	19.310	2239086	20.595 ug/ml
20) T n-Hexatriacontane (C36)	20.048	2031747	18.266 ug/ml
21) T n-Octatriacontane (C38)	20.780	1981219	18.708 ug/ml
22) T n-Tetracontane (C40)	21.683	1970650	18.505 ug/ml

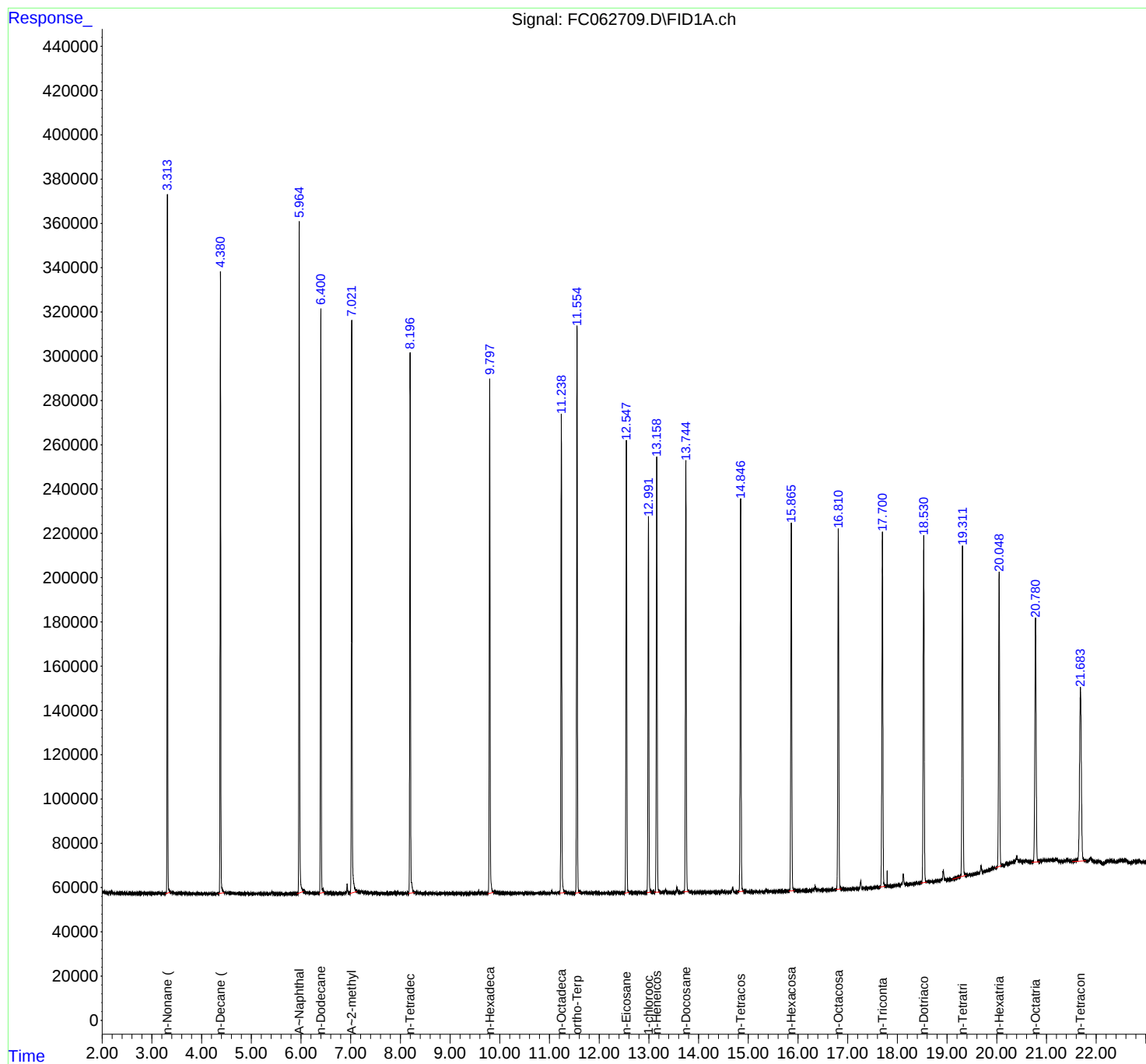
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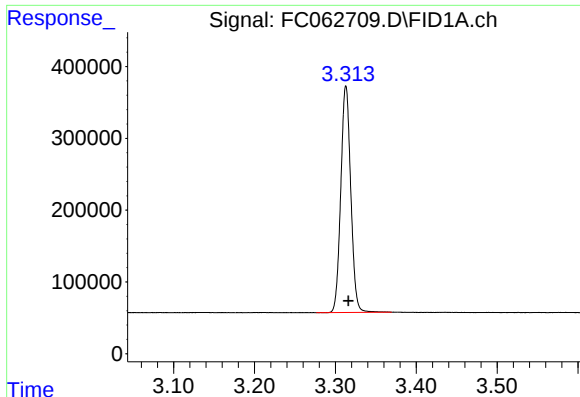
(m)=manual int.

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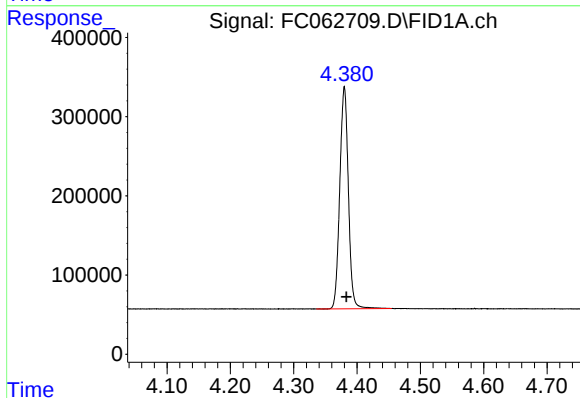
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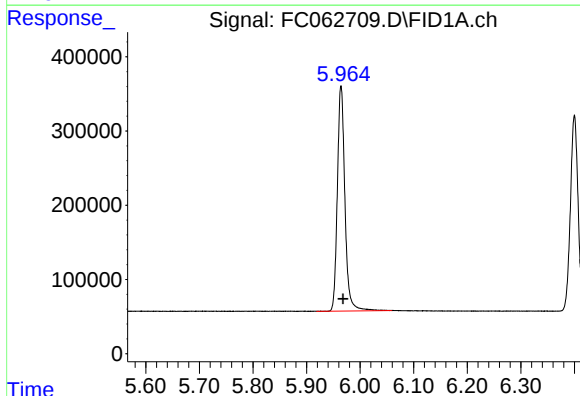
#1 n-Nonane (C9)

R.T.: 3.313 min
Delta R.T.: -0.003 min
Response: 2706565
Conc: 20.24 ug/ml



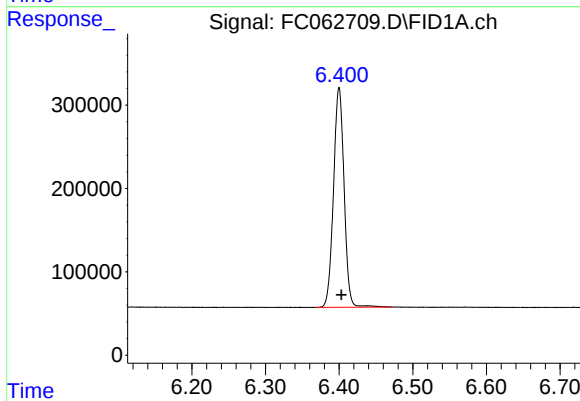
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.003 min
Response: 2643247
Conc: 20.38 ug/ml



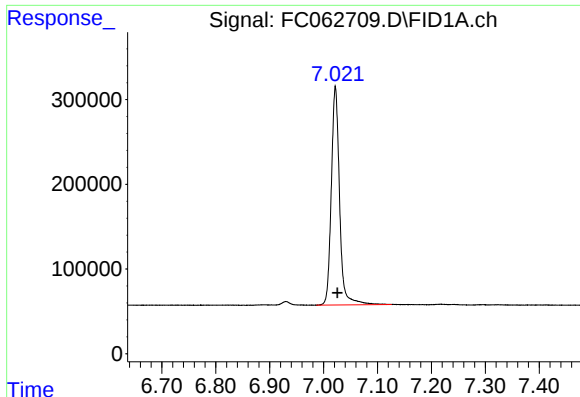
#3 A~Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: -0.003 min
Response: 2965649
Conc: 20.18 ug/ml



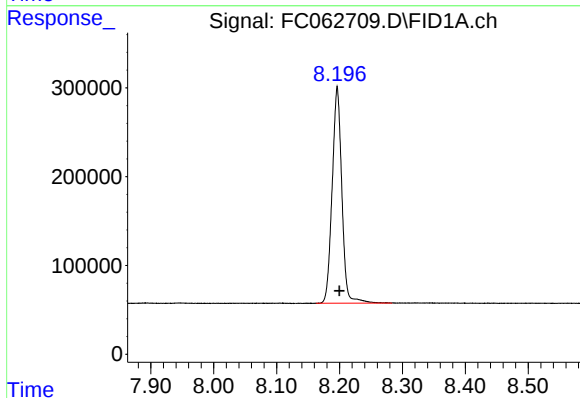
#4 n-Dodecane (C12)

R.T.: 6.400 min
Delta R.T.: -0.003 min
Response: 2637773
Conc: 20.52 ug/ml



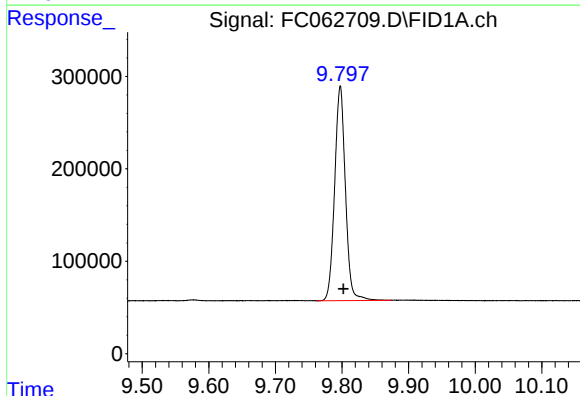
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.022 min
Delta R.T.: -0.004 min
Response: 2754173
Conc: 20.14 ug/ml



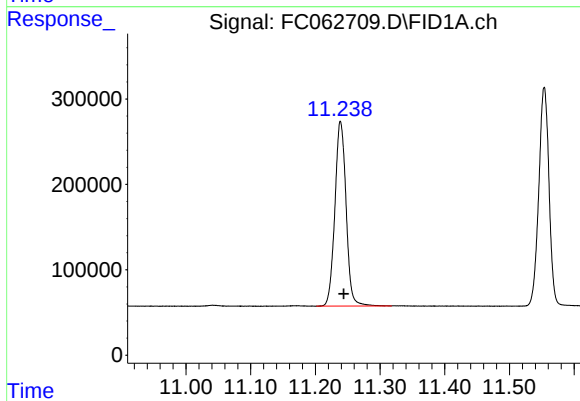
#6 n-Tetradecane (C14)

R.T.: 8.196 min
Delta R.T.: -0.003 min
Response: 2606063
Conc: 20.24 ug/ml



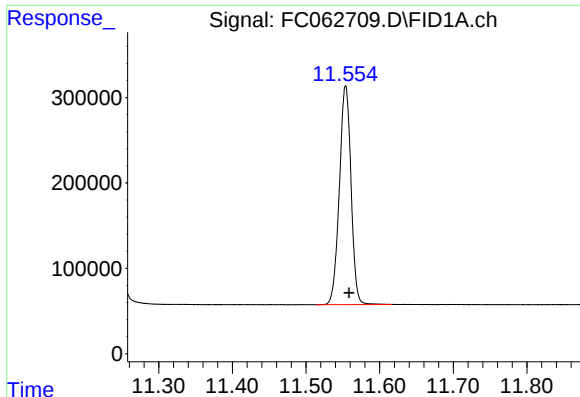
#7 n-Hexadecane (C16)

R.T.: 9.797 min
Delta R.T.: -0.005 min
Response: 2609074
Conc: 20.20 ug/ml



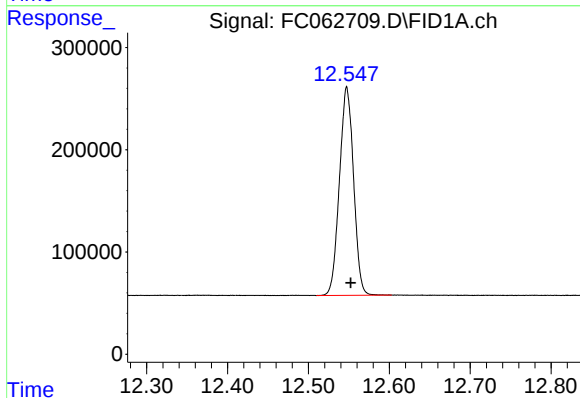
#8 n-Octadecane (C18)

R.T.: 11.239 min
Delta R.T.: -0.005 min
Response: 2601372
Conc: 20.09 ug/ml



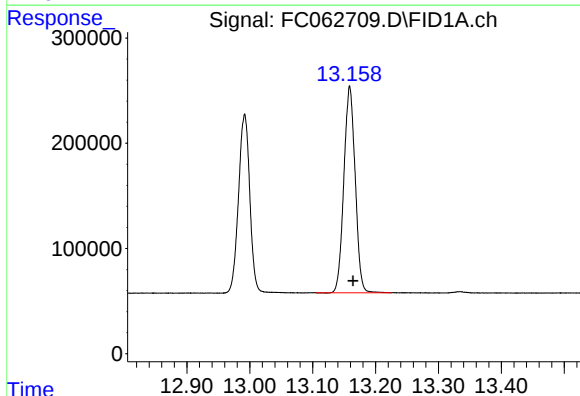
#9 ortho-Terphenyl (SURR)

R.T.: 11.554 min
Delta R.T.: -0.005 min
Response: 2816698
Conc: 19.94 ug/ml



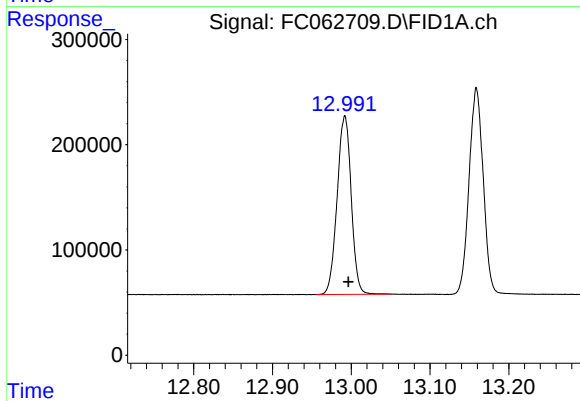
#10 n-Eicosane (C20)

R.T.: 12.547 min
Delta R.T.: -0.005 min
Response: 2475638
Conc: 20.06 ug/ml



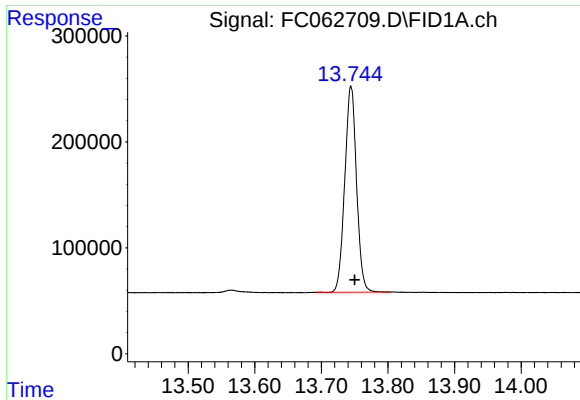
#11 n-Heneicosane (C21)

R.T.: 13.159 min
Delta R.T.: -0.005 min
Response: 2452338
Conc: 20.01 ug/ml



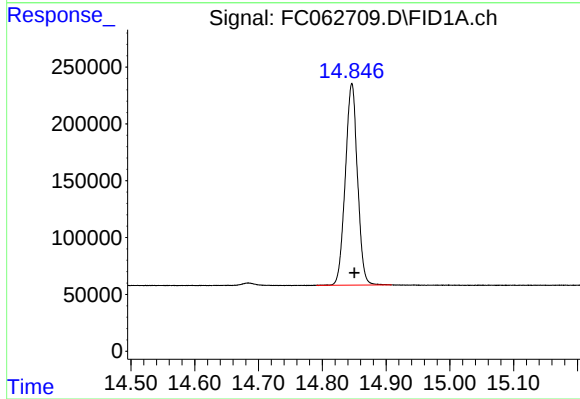
#12 1-chlorooctadecane (SURR)

R.T.: 12.992 min
Delta R.T.: -0.005 min
Response: 2108958
Conc: 20.02 ug/ml



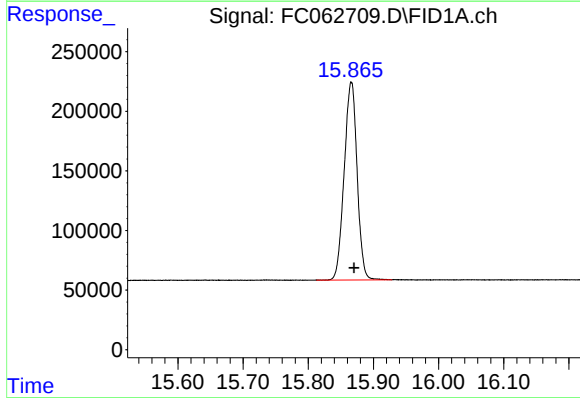
#13 n-Docosane (C22)

R.T.: 13.745 min
Delta R.T.: -0.006 min
Response: 2389109
Conc: 19.98 ug/ml



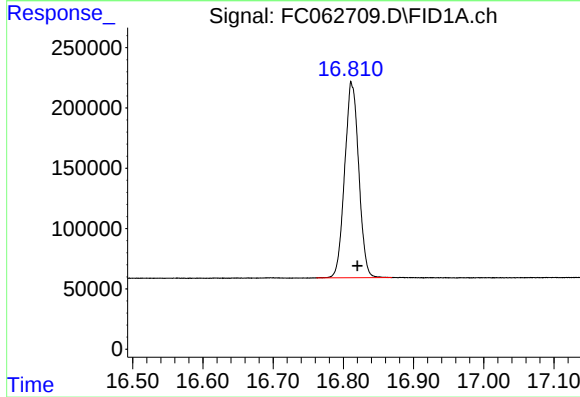
#14 n-Tetracosane (C24)

R.T.: 14.846 min
Delta R.T.: -0.004 min
Response: 2349381
Conc: 20.17 ug/ml



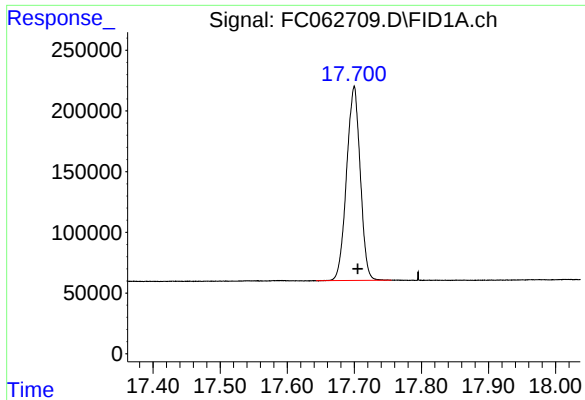
#15 n-Hexacosane (C26)

R.T.: 15.866 min
Delta R.T.: -0.004 min
Response: 2289147
Conc: 20.38 ug/ml



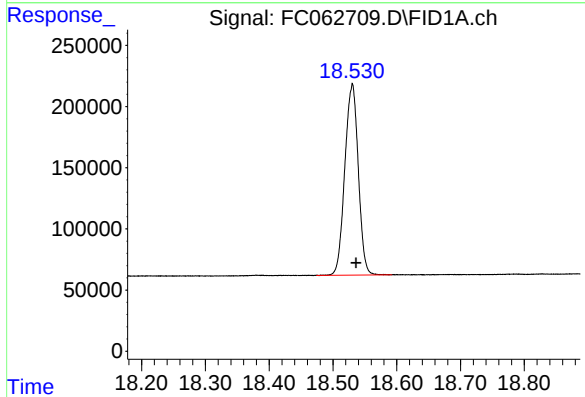
#16 n-Octacosane (C28)

R.T.: 16.812 min
Delta R.T.: -0.008 min
Response: 2258660
Conc: 20.57 ug/ml



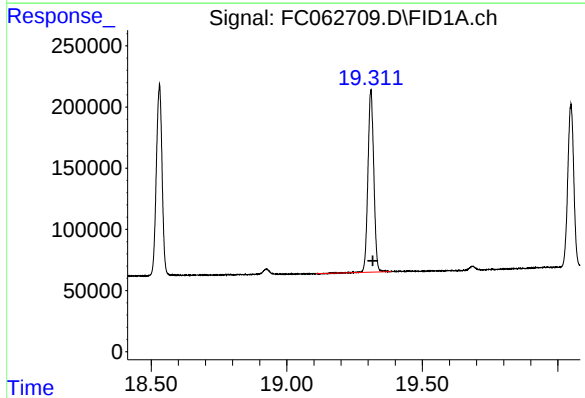
#17 n-Tricontane (C30)

R.T.: 17.700 min
Delta R.T.: -0.005 min
Response: 2264556
Conc: 20.91 ug/ml



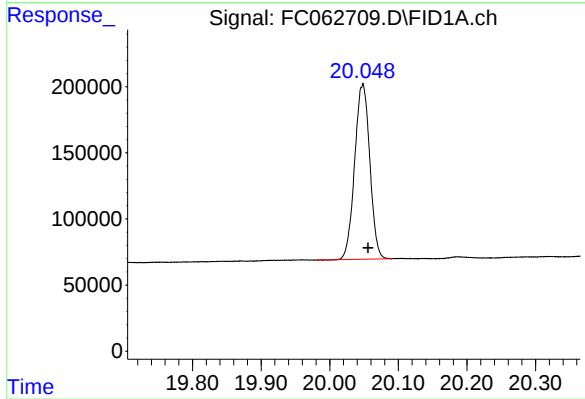
#18 n-Dotriacontane (C32)

R.T.: 18.531 min
Delta R.T.: -0.006 min
Response: 2288614
Conc: 20.96 ug/ml



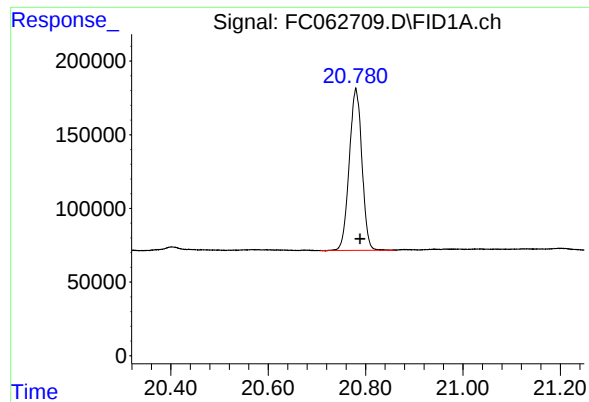
#19 n-Tetratriacontane (C34)

R.T.: 19.310 min
Delta R.T.: -0.007 min
Response: 2239086
Conc: 20.60 ug/ml



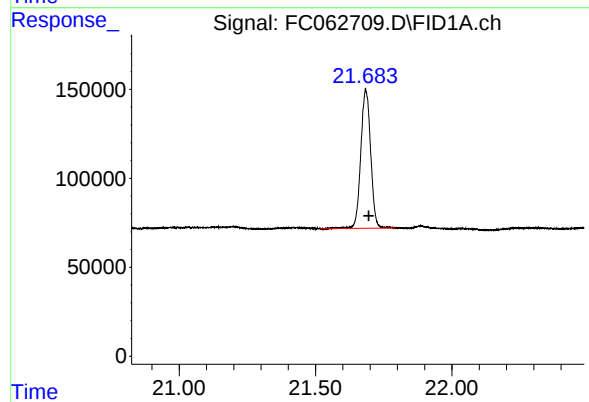
#20 n-Hexatriacontane (C36)

R.T.: 20.048 min
Delta R.T.: -0.008 min
Response: 2031747
Conc: 18.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.780 min
Delta R.T.: -0.008 min
Response: 1981219
Conc: 18.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.683 min
Delta R.T.: -0.012 min
Response: 1970650
Conc: 18.50 ug/ml