

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110920AL\
 Data File : FC050708.D
 Signal(s) : FID1A.CH
 Acq On : 10 Nov 2020 13:38
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 10 14:22:55 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 02:36:40 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.624	2151478	17.516 ug/ml
Spiked Amount 50.000		Recovery =	35.03%
12) S 1-chlorooctadecane (S...	13.058	1695127	17.557 ug/ml
Spiked Amount 50.000		Recovery =	35.11%
Target Compounds			
1) T n-Nonane (C9)	3.367	2108398	19.815 ug/ml
2) T n-Decane (C10)	4.438	2123535	19.967 ug/ml
3) T A~Naphthalene (C11.7)	6.034	2263284	19.653 ug/ml
4) T n-Dodecane (C12)	6.460	2150055	19.830 ug/ml
5) T A~2-methylnaphthalene...	7.094	2293071	19.987 ug/ml
6) T n-Tetradecane (C14)	8.256	2134235	19.787 ug/ml
7) T n-Hexadecane (C16)	9.859	2079304	19.533 ug/ml
8) T n-Octadecane (C18)	11.302	2115187	18.803 ug/ml
10) T n-Eicosane (C20)	12.612	2057045	18.023 ug/ml
11) T n-Heneicosane (C21)	13.224	2004263	17.569 ug/ml
13) T n-Docosane (C22)	13.810	1974448	17.301 ug/ml
14) T n-Tetracosane (C24)	14.912	1892535	16.572 ug/ml
15) T n-Hexacosane (C26)	15.934	1813808	15.997 ug/ml
16) T n-Octacosane (C28)	16.882	1791999	15.793 ug/ml
17) T n-Tricontane (C30)	17.769	1766116	15.885 ug/ml
18) T n-Dotriacontane (C32)	18.600	1729834	16.768 ug/mlm
19) T n-Tetratriacontane (C34)	19.385	1624107	16.879 ug/mlm
20) T n-Hexatriacontane (C36)	20.122	1574271	17.522 ug/mlm
21) T n-Octatriacontane (C38)	20.869	1779390	21.401 ug/mlm
22) T n-Tetracontane (C40)	21.802	1741723	20.814 ug/mlm

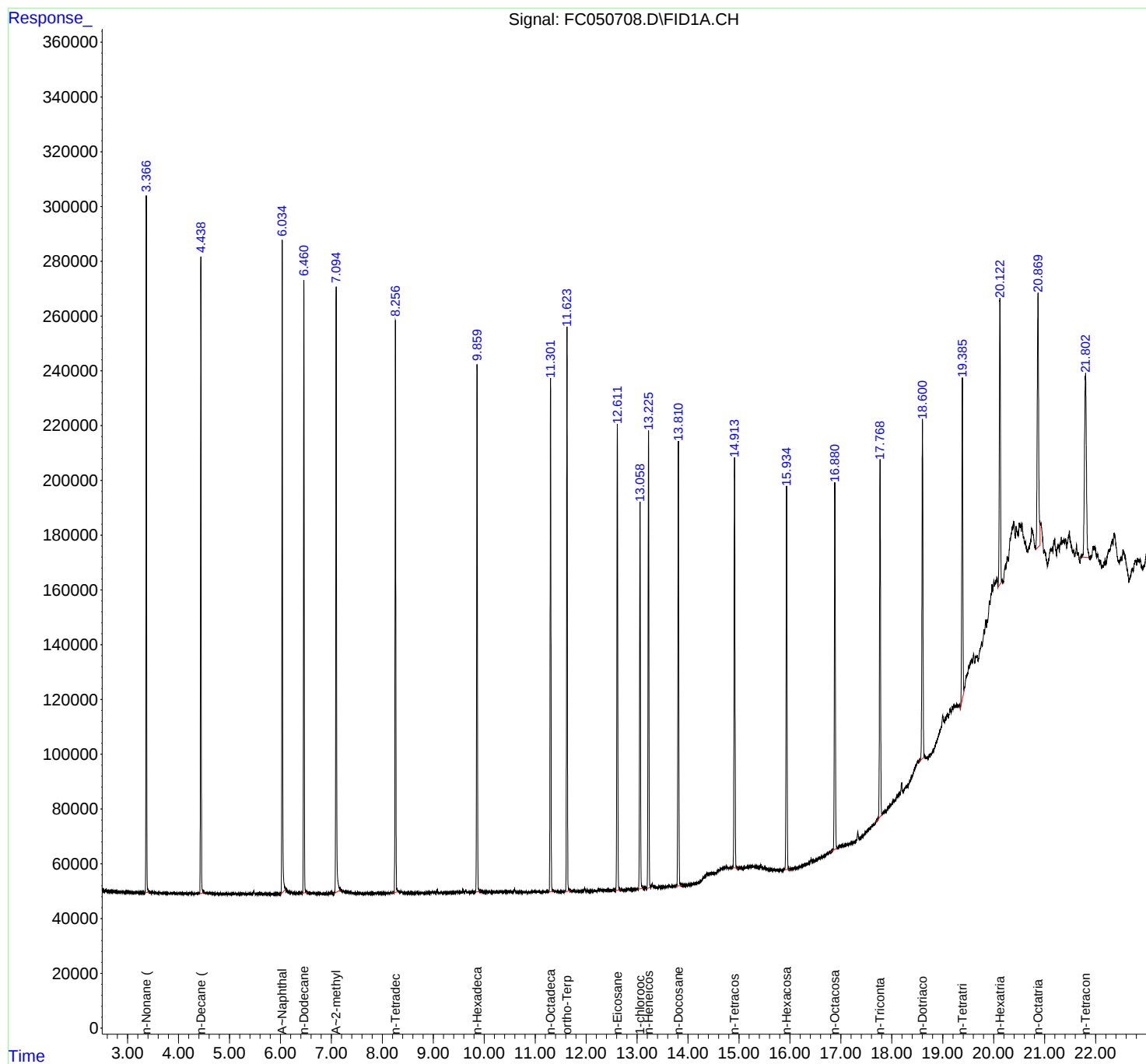
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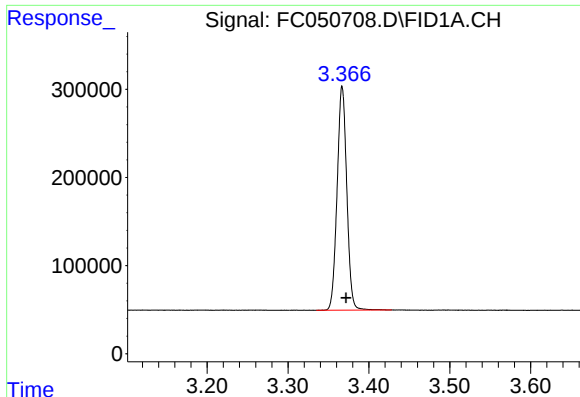
(m)=manual int.

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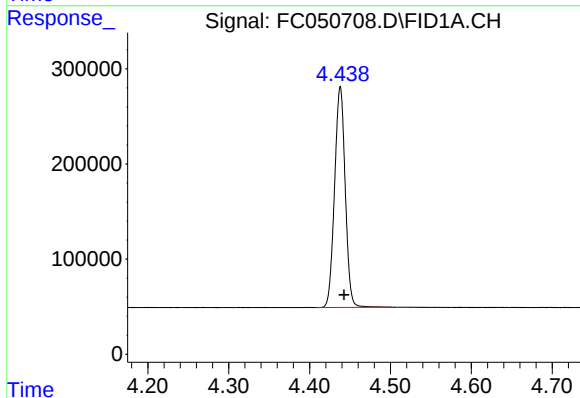
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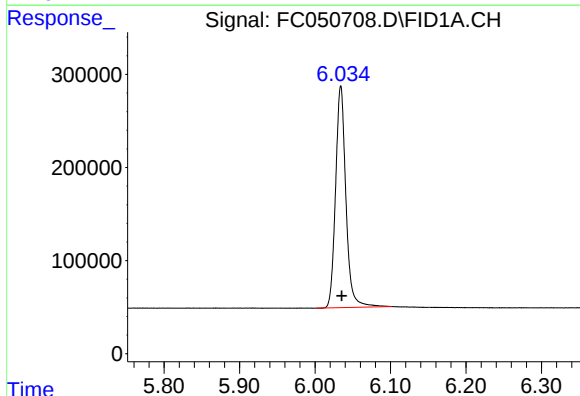
#1 n-Nonane (C9)

R.T.: 3.367 min
Delta R.T.: -0.005 min
Response: 2108398
Conc: 19.81 ug/ml



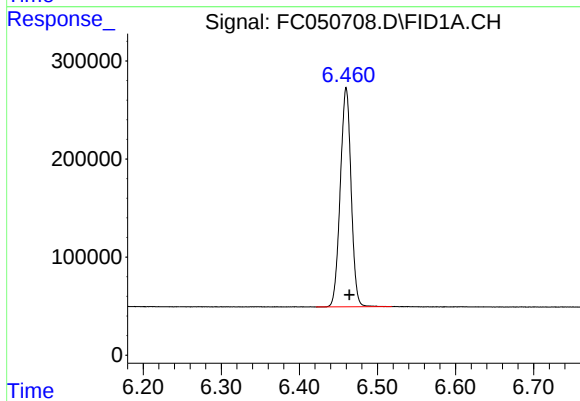
#2 n-Decane (C10)

R.T.: 4.438 min
Delta R.T.: -0.005 min
Response: 2123535
Conc: 19.97 ug/ml



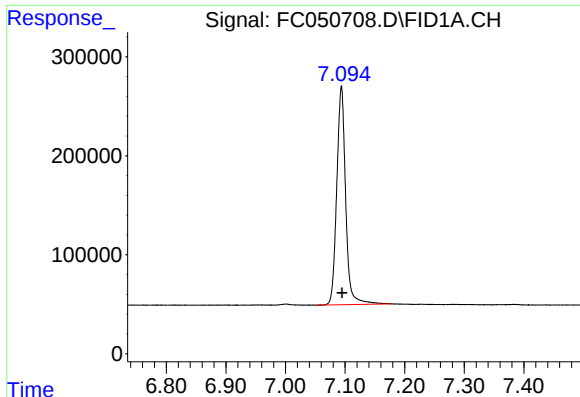
#3 A~Naphthalene (C11.7)

R.T.: 6.034 min
Delta R.T.: -0.001 min
Response: 2263284
Conc: 19.65 ug/ml



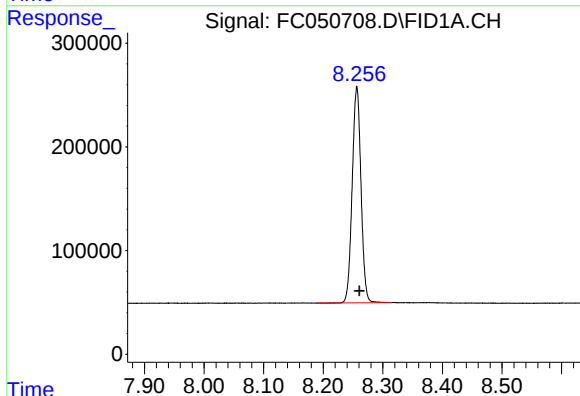
#4 n-Dodecane (C12)

R.T.: 6.460 min
Delta R.T.: -0.004 min
Response: 2150055
Conc: 19.83 ug/ml



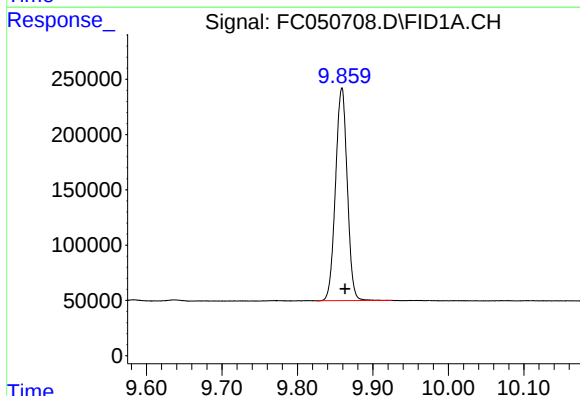
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.094 min
Delta R.T.: -0.001 min
Response: 2293071
Conc: 19.99 ug/ml



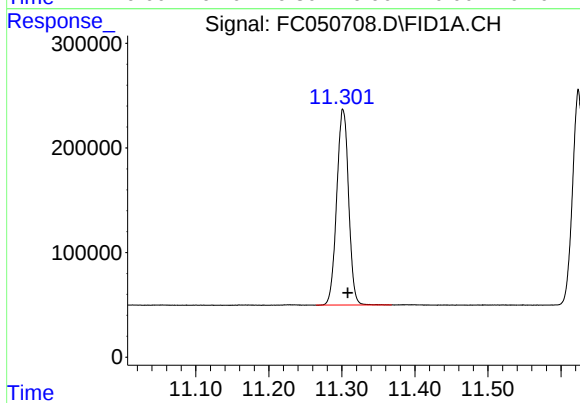
#6 n-Tetradecane (C14)

R.T.: 8.256 min
Delta R.T.: -0.004 min
Response: 2134235
Conc: 19.79 ug/ml



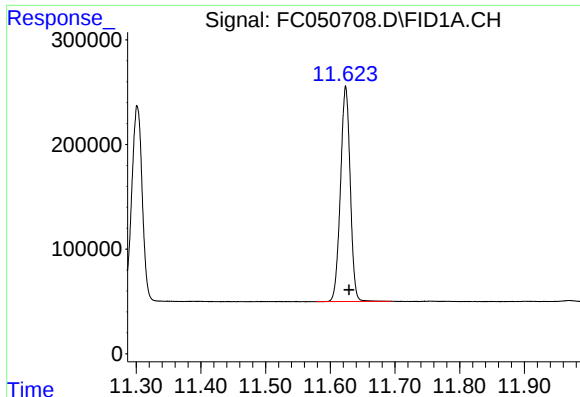
#7 n-Hexadecane (C16)

R.T.: 9.859 min
Delta R.T.: -0.004 min
Response: 2079304
Conc: 19.53 ug/ml



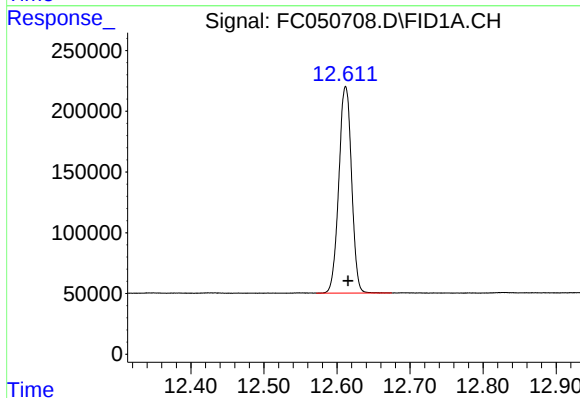
#8 n-Octadecane (C18)

R.T.: 11.302 min
Delta R.T.: -0.006 min
Response: 2115187
Conc: 18.80 ug/ml



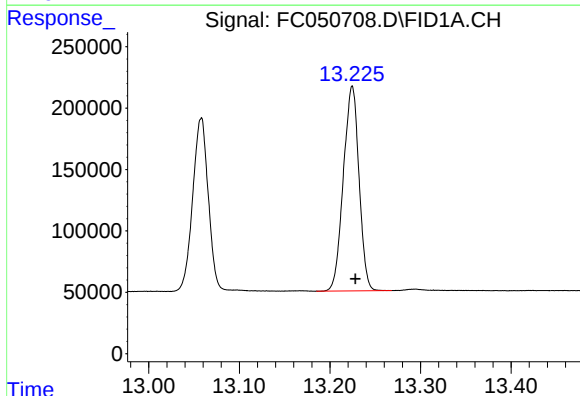
#9 ortho-Terphenyl (SURR)

R.T.: 11.624 min
Delta R.T.: -0.005 min
Response: 2151478
Conc: 17.52 ug/ml



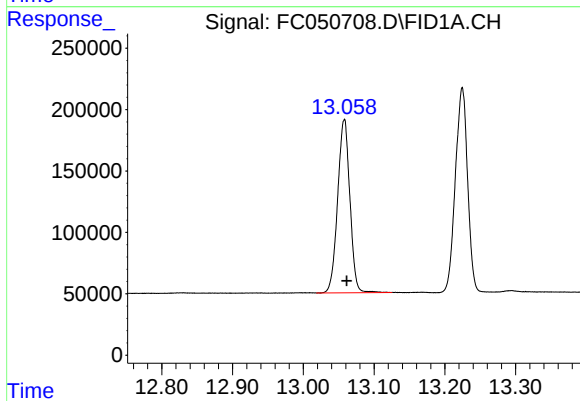
#10 n-Eicosane (C20)

R.T.: 12.612 min
Delta R.T.: -0.003 min
Response: 2057045
Conc: 18.02 ug/ml



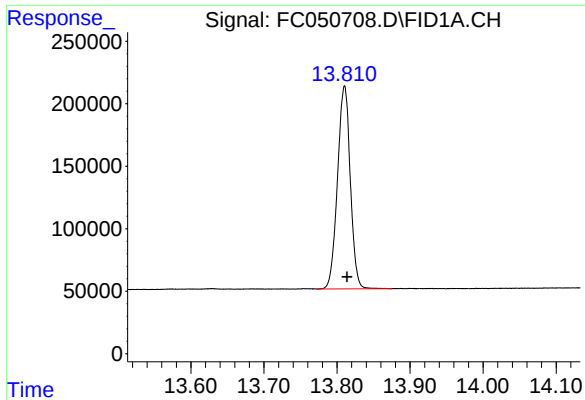
#11 n-Heneicosane (C21)

R.T.: 13.224 min
Delta R.T.: -0.004 min
Response: 2004263
Conc: 17.57 ug/ml



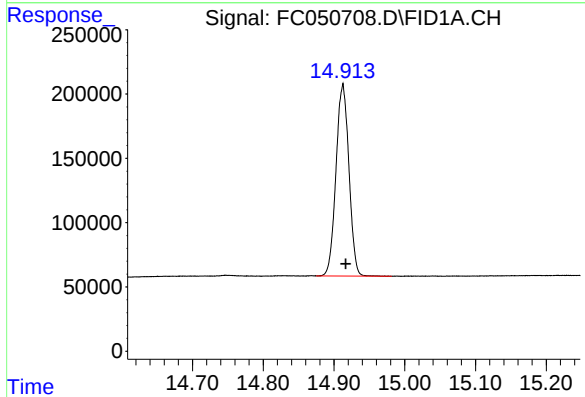
#12 1-chlorooctadecane (SURR)

R.T.: 13.058 min
Delta R.T.: -0.004 min
Response: 1695127
Conc: 17.56 ug/ml



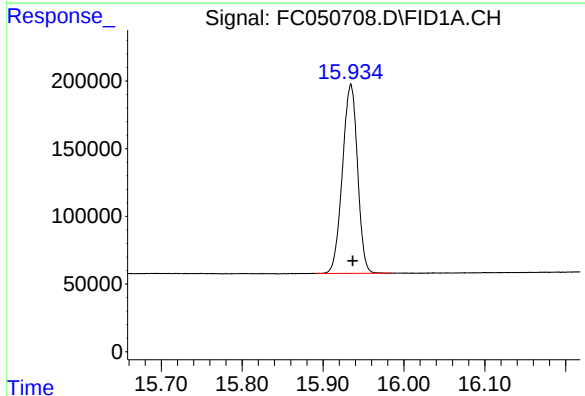
#13 n-Docosane (C22)

R.T.: 13.810 min
Delta R.T.: -0.003 min
Response: 1974448
Conc: 17.30 ug/ml



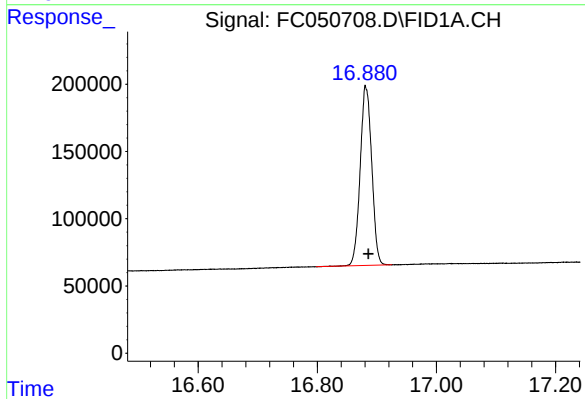
#14 n-Tetracosane (C24)

R.T.: 14.912 min
Delta R.T.: -0.004 min
Response: 1892535
Conc: 16.57 ug/ml



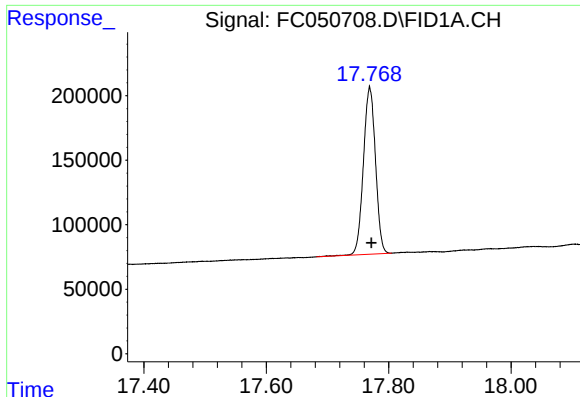
#15 n-Hexacosane (C26)

R.T.: 15.934 min
Delta R.T.: -0.002 min
Response: 1813808
Conc: 16.00 ug/ml



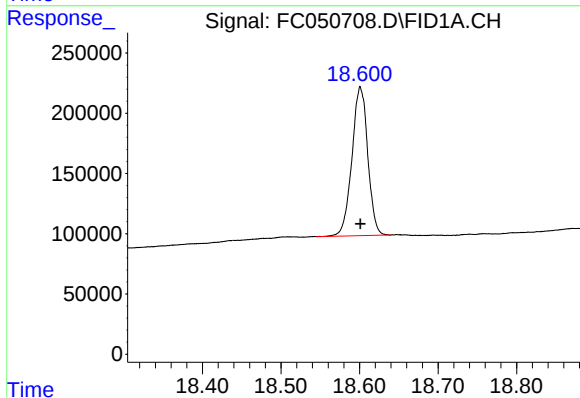
#16 n-Octacosane (C28)

R.T.: 16.882 min
Delta R.T.: -0.004 min
Response: 1791999
Conc: 15.79 ug/ml



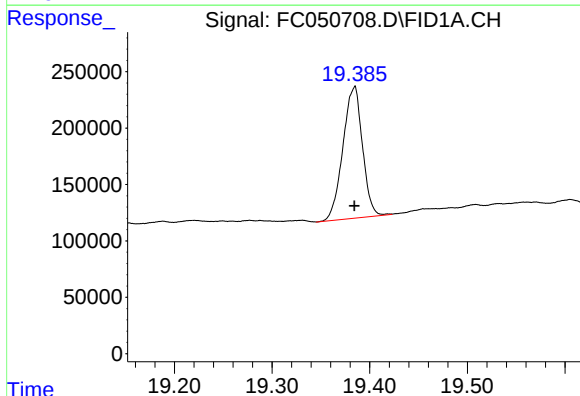
#17 n-Tricontane (C30)

R.T.: 17.769 min
Delta R.T.: -0.003 min
Response: 1766116
Conc: 15.88 ug/ml



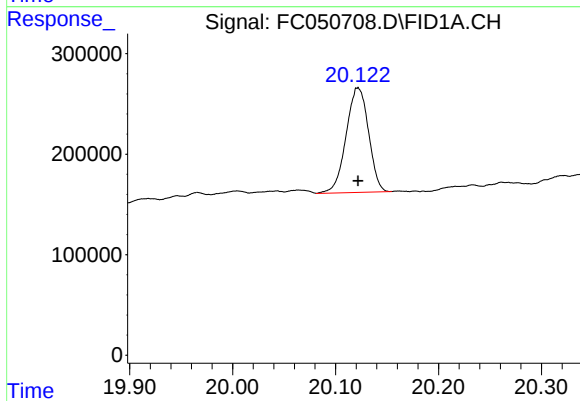
#18 n-Dotriacontane (C32)

R.T.: 18.600 min
Delta R.T.: 0.000 min
Response: 1729834
Conc: 16.77 ug/ml m



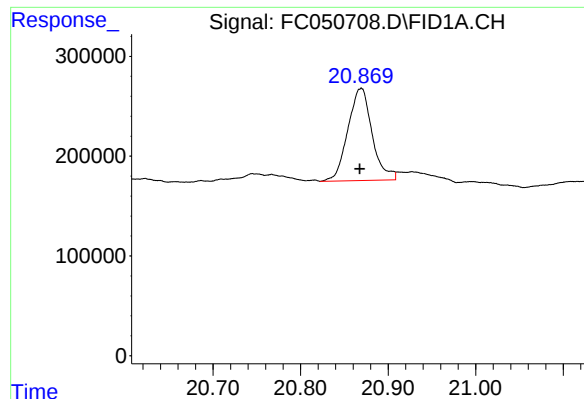
#19 n-Tetratriacontane (C34)

R.T.: 19.385 min
Delta R.T.: 0.000 min
Response: 1624107
Conc: 16.88 ug/ml m



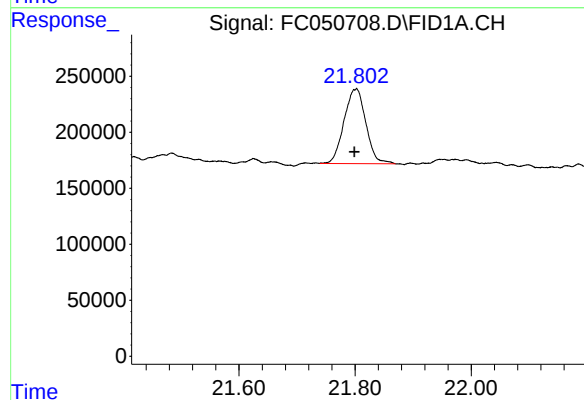
#20 n-Hexatriacontane (C36)

R.T.: 20.122 min
Delta R.T.: 0.000 min
Response: 1574271
Conc: 17.52 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.869 min
Delta R.T.: 0.001 min
Response: 1779390
Conc: 21.40 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.802 min
Delta R.T.: 0.004 min
Response: 1741723
Conc: 20.81 ug/ml m