

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011221AL\
 Data File : FC051712.D
 Signal(s) : FID1A.CH
 Acq On : 13 Jan 2021 4:31
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 13 06:07:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 00:58:51 2021
 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)	11.672	2566065	20.598 ug/ml
Spiked Amount 50.000		Recovery =	41.20%
12) S 1-chlorooctadecane (S...	13.108	2019747	20.389 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
Target Compounds			
1) T n-Nonane (C9)	3.406	2300428	20.606 ug/ml
2) T n-Decane (C10)	4.478	2319007	20.679 ug/ml
3) T A~Naphthalene (C11.7)	6.071	2644547	21.050 ug/ml
4) T n-Dodecane (C12)	6.503	2352872	20.861 ug/ml
5) T A~2-methylnaphthalene...	7.130	2694523	21.087 ug/ml
6) T n-Tetradecane (C14)	8.302	2354184	21.034 ug/ml
7) T n-Hexadecane (C16)	9.907	2307362	20.888 ug/ml
8) T n-Octadecane (C18)	11.351	2385690	20.786 ug/ml
10) T n-Eicosane (C20)	12.662	2380929	20.547 ug/ml
11) T n-Heneicosane (C21)	13.276	2364082	20.413 ug/ml
13) T n-Docosane (C22)	13.863	2334537	20.247 ug/ml
14) T n-Tetracosane (C24)	14.966	2272632	19.771 ug/ml
15) T n-Hexacosane (C26)	15.989	2174415	19.317 ug/ml
16) T n-Octacosane (C28)	16.939	2085562	18.858 ug/ml
17) T n-Tricontane (C30)	17.828	1976097	18.694 ug/ml
18) T n-Dotriacontane (C32)	18.660	1803464	18.992 ug/ml
19) T n-Tetratriacontane (C34)	19.445	1677923	19.577 ug/ml
20) T n-Hexatriacontane (C36)	20.185	1539237	19.900 ug/ml
21) T n-Octatriacontane (C38)	20.940	1531086	20.977 ug/ml
22) T n-Tetracontane (C40)	21.884	1573532	21.120 ug/ml

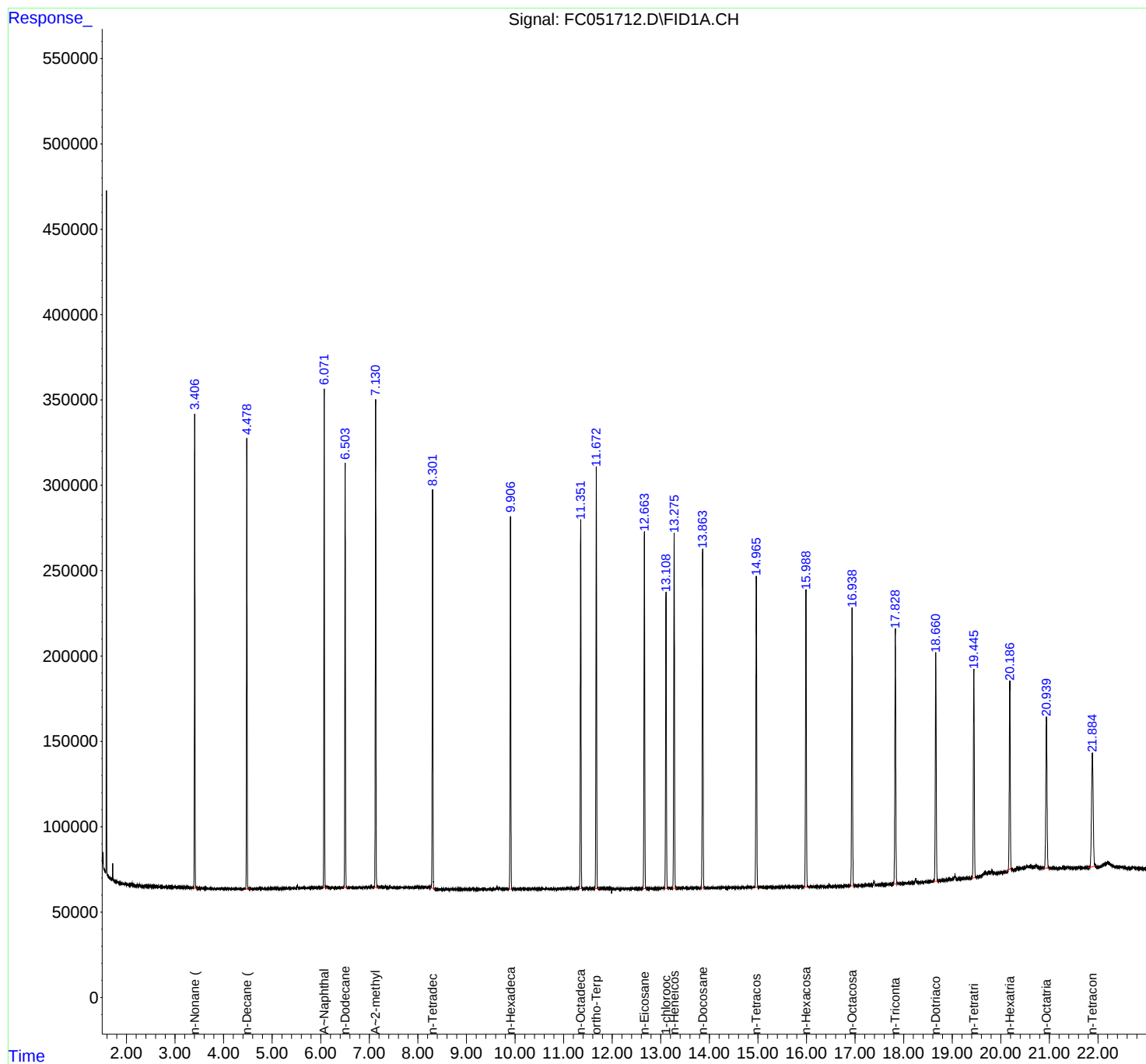
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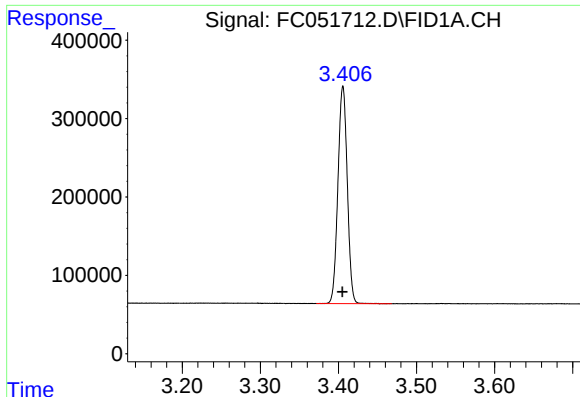
(m)=manual int.

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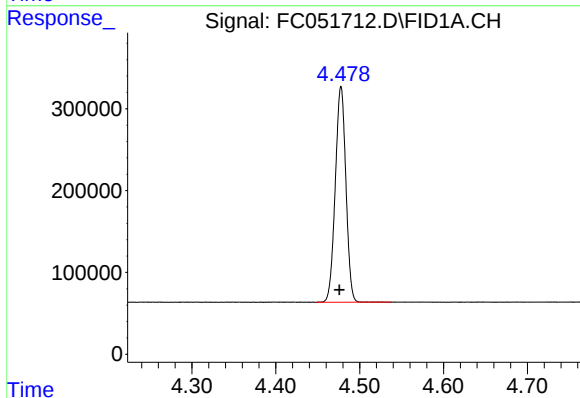
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





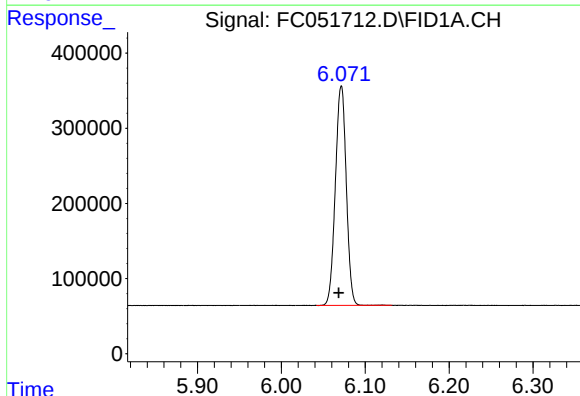
#1 n-Nonane (C9)

R.T.: 3.406 min
Delta R.T.: 0.000 min
Response: 2300428
Conc: 20.61 ug/ml



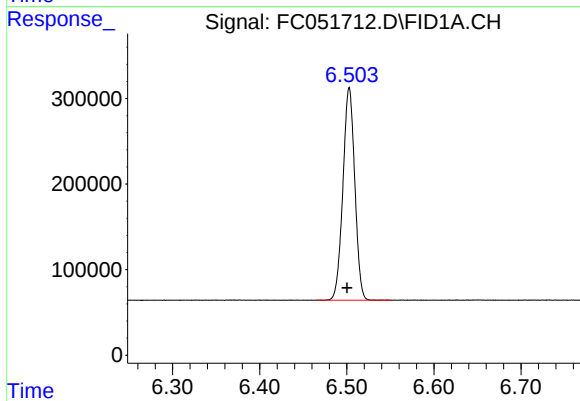
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: 0.002 min
Response: 2319007
Conc: 20.68 ug/ml



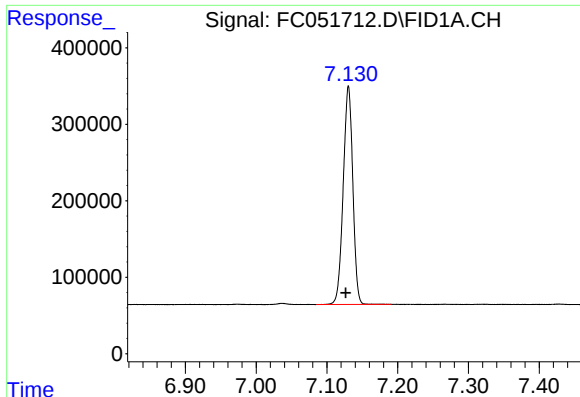
#3 A~Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: 0.003 min
Response: 2644547
Conc: 21.05 ug/ml



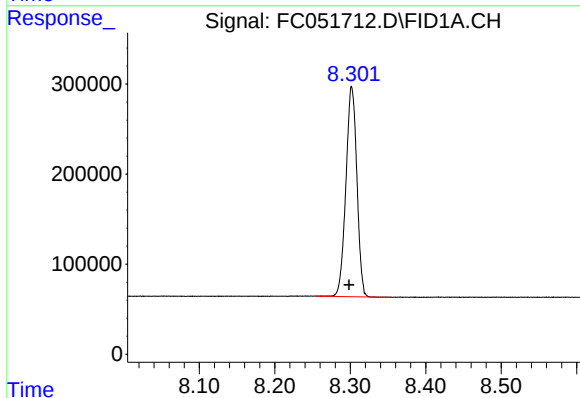
#4 n-Dodecane (C12)

R.T.: 6.503 min
Delta R.T.: 0.003 min
Response: 2352872
Conc: 20.86 ug/ml



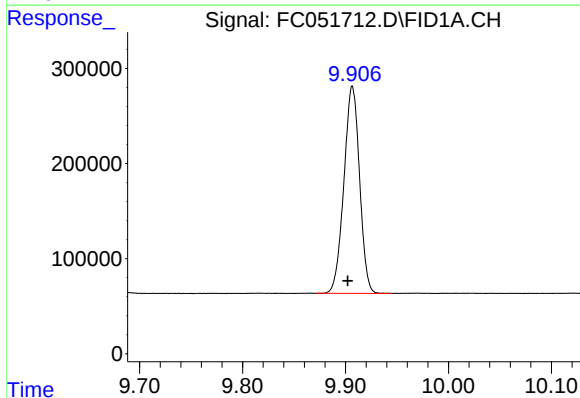
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.130 min
Delta R.T.: 0.004 min
Response: 2694523
Conc: 21.09 ug/ml



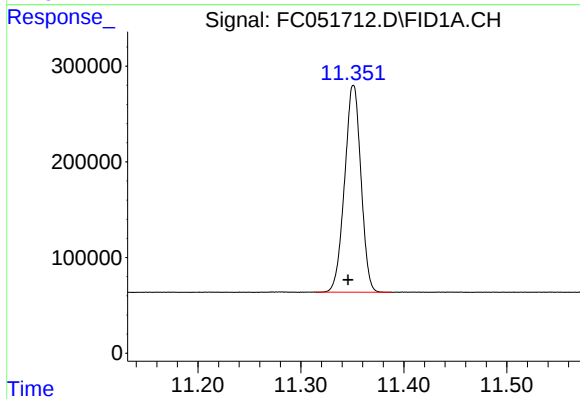
#6 n-Tetradecane (C14)

R.T.: 8.302 min
Delta R.T.: 0.004 min
Response: 2354184
Conc: 21.03 ug/ml



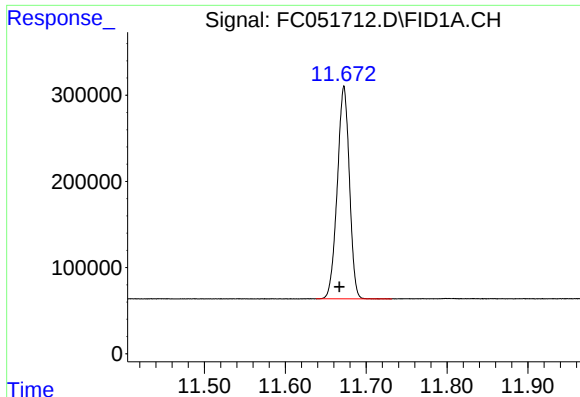
#7 n-Hexadecane (C16)

R.T.: 9.907 min
Delta R.T.: 0.005 min
Response: 2307362
Conc: 20.89 ug/ml



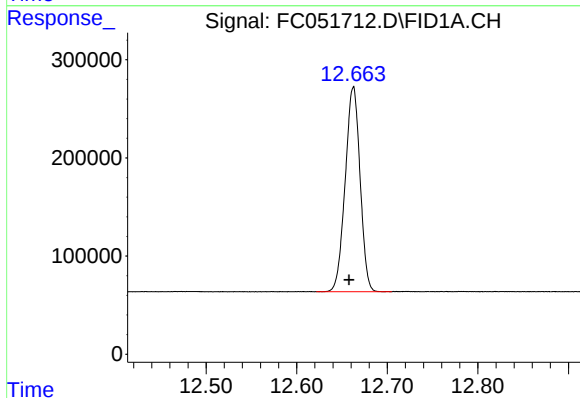
#8 n-Octadecane (C18)

R.T.: 11.351 min
Delta R.T.: 0.005 min
Response: 2385690
Conc: 20.79 ug/ml



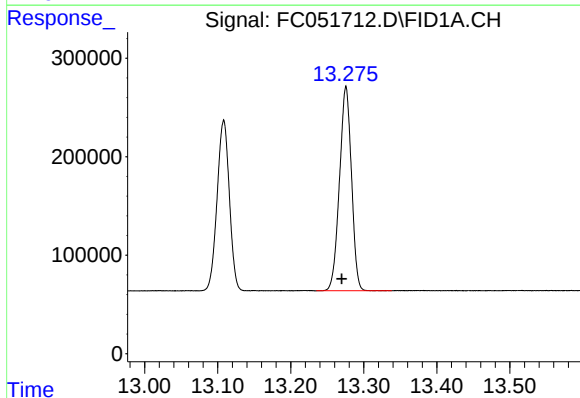
#9 ortho-Terphenyl (SURR)

R.T.: 11.672 min
Delta R.T.: 0.006 min
Response: 2566065
Conc: 20.60 ug/ml



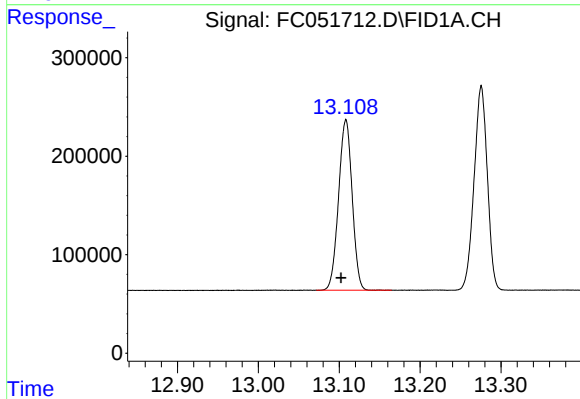
#10 n-Eicosane (C20)

R.T.: 12.662 min
Delta R.T.: 0.005 min
Response: 2380929
Conc: 20.55 ug/ml



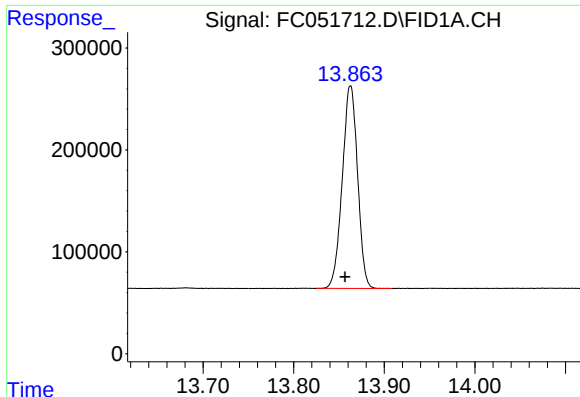
#11 n-Heneicosane (C21)

R.T.: 13.276 min
Delta R.T.: 0.006 min
Response: 2364082
Conc: 20.41 ug/ml



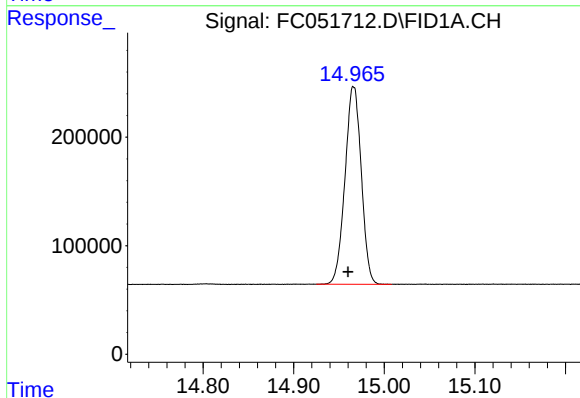
#12 1-chlorooctadecane (SURR)

R.T.: 13.108 min
Delta R.T.: 0.006 min
Response: 2019747
Conc: 20.39 ug/ml



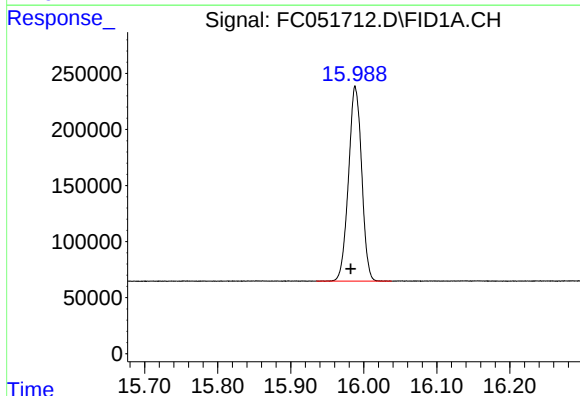
#13 n-Docosane (C22)

R.T.: 13.863 min
Delta R.T.: 0.006 min
Response: 2334537
Conc: 20.25 ug/ml



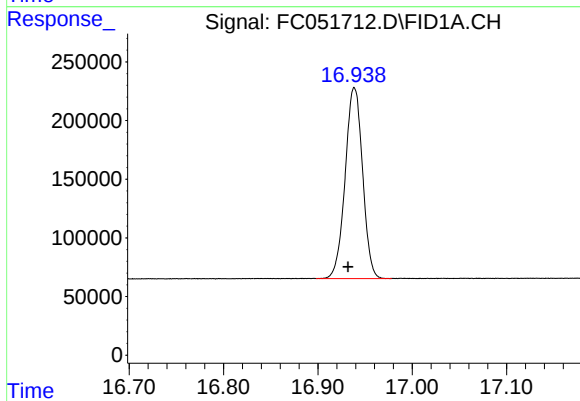
#14 n-Tetracosane (C24)

R.T.: 14.966 min
Delta R.T.: 0.006 min
Response: 2272632
Conc: 19.77 ug/ml



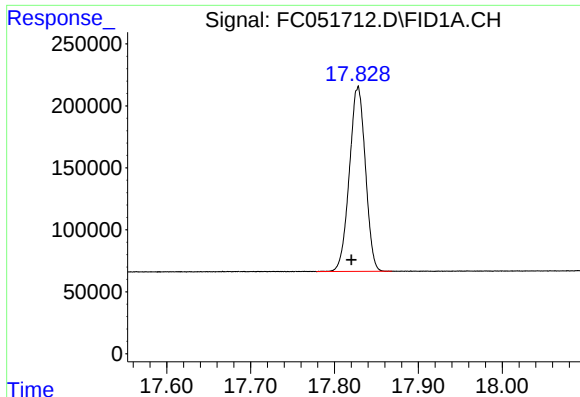
#15 n-Hexacosane (C26)

R.T.: 15.989 min
Delta R.T.: 0.006 min
Response: 2174415
Conc: 19.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.939 min
Delta R.T.: 0.007 min
Response: 2085562
Conc: 18.86 ug/ml



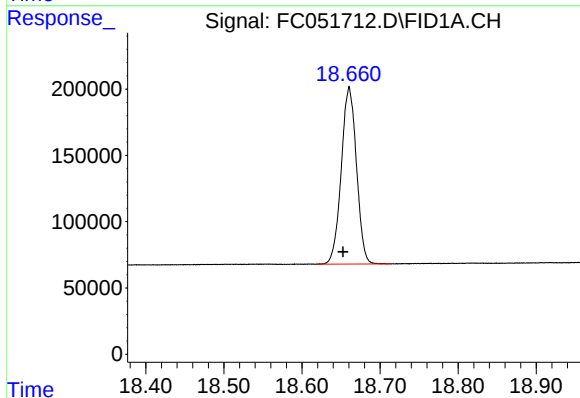
#17 n-Tricontane (C30)

R.T.: 17.828 min

Delta R.T.: 0.008 min

Response: 1976097

Conc: 18.69 ug/ml



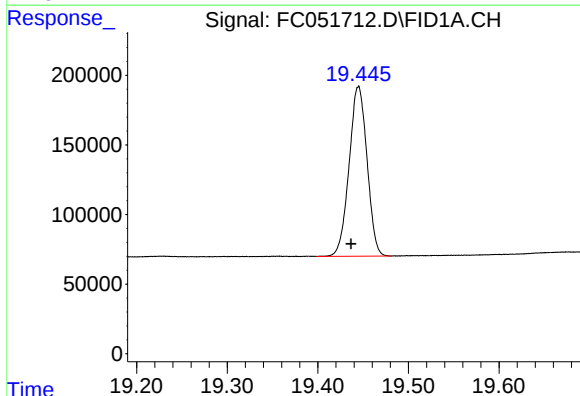
#18 n-Dotriacontane (C32)

R.T.: 18.660 min

Delta R.T.: 0.008 min

Response: 1803464

Conc: 18.99 ug/ml



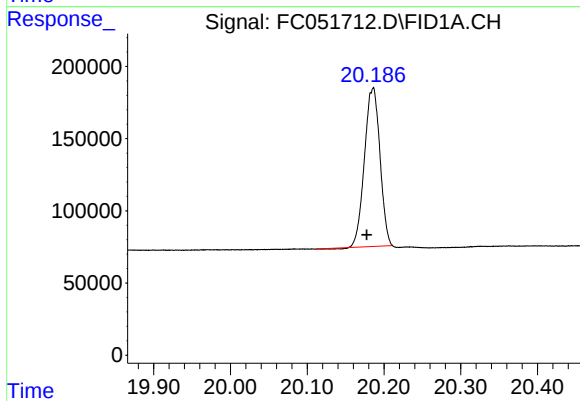
#19 n-Tetratriacontane (C34)

R.T.: 19.445 min

Delta R.T.: 0.008 min

Response: 1677923

Conc: 19.58 ug/ml



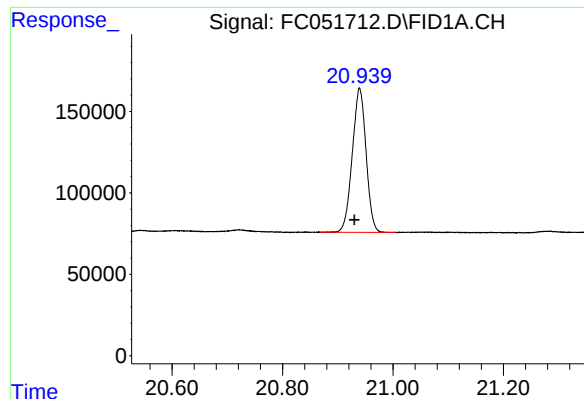
#20 n-Hexatriacontane (C36)

R.T.: 20.185 min

Delta R.T.: 0.008 min

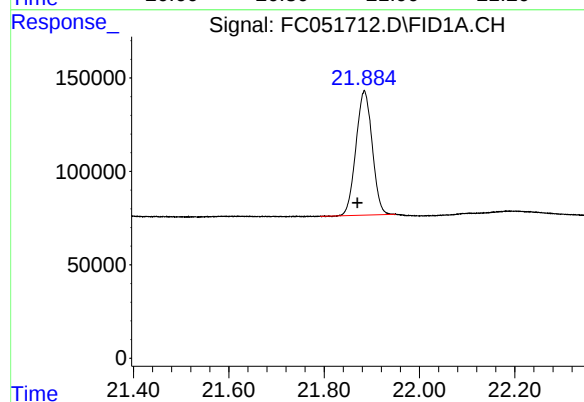
Response: 1539237

Conc: 19.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.940 min
Delta R.T.: 0.009 min
Response: 1531086
Conc: 20.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.884 min
Delta R.T.: 0.015 min
Response: 1573532
Conc: 21.12 ug/ml