

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110221AL\
 Data File : FC056579.D
 Signal(s) : FID1A.CH
 Acq On : 02 Nov 2021 10:41
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 03 02:08:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.617	2059772	16.635 ug/ml
Spiked Amount 50.000		Recovery =	33.27%
12) S 1-chlorooctadecane (S...	13.047	1623138	16.868 ug/ml
Spiked Amount 50.000		Recovery =	33.74%
Target Compounds			
1) T n-Nonane (C9)	3.378	2108368	19.480 ug/ml
2) T n-Decane (C10)	4.445	2116307	19.647 ug/ml
3) T A~Naphthalene (C11.7)	6.035	2328091	19.095 ug/ml
4) T n-Dodecane (C12)	6.462	2143621	19.445 ug/ml
5) T A~2-methylnaphthalene...	7.092	2342432	19.128 ug/ml
6) T n-Tetradecane (C14)	8.256	2122392	18.905 ug/ml
7) T n-Hexadecane (C16)	9.855	2119373	18.642 ug/ml
8) T n-Octadecane (C18)	11.296	2102578	17.993 ug/ml
10) T n-Eicosane (C20)	12.602	2020300	17.579 ug/ml
11) T n-Heneicosane (C21)	13.214	1996914	17.376 ug/ml
13) T n-Docosane (C22)	13.799	1923613	17.086 ug/ml
14) T n-Tetracosane (C24)	14.897	1834960	16.651 ug/ml
15) T n-Hexacosane (C26)	15.915	1770166	16.772 ug/ml
16) T n-Octacosane (C28)	16.860	1658627	15.990 ug/ml
17) T n-Tricontane (C30)	17.745	1723665	16.636 ug/ml
18) T n-Dotriacontane (C32)	18.573	1733188	18.090 ug/ml
19) T n-Tetratriacontane (C34)	19.351	1680216	19.157 ug/ml
20) T n-Hexatriacontane (C36)	20.087	1744435	21.312 ug/ml
21) T n-Octatriacontane (C38)	20.821	1701031	21.269 ug/ml
22) T n-Tetracontane (C40)	21.734	1696771	20.594 ug/ml

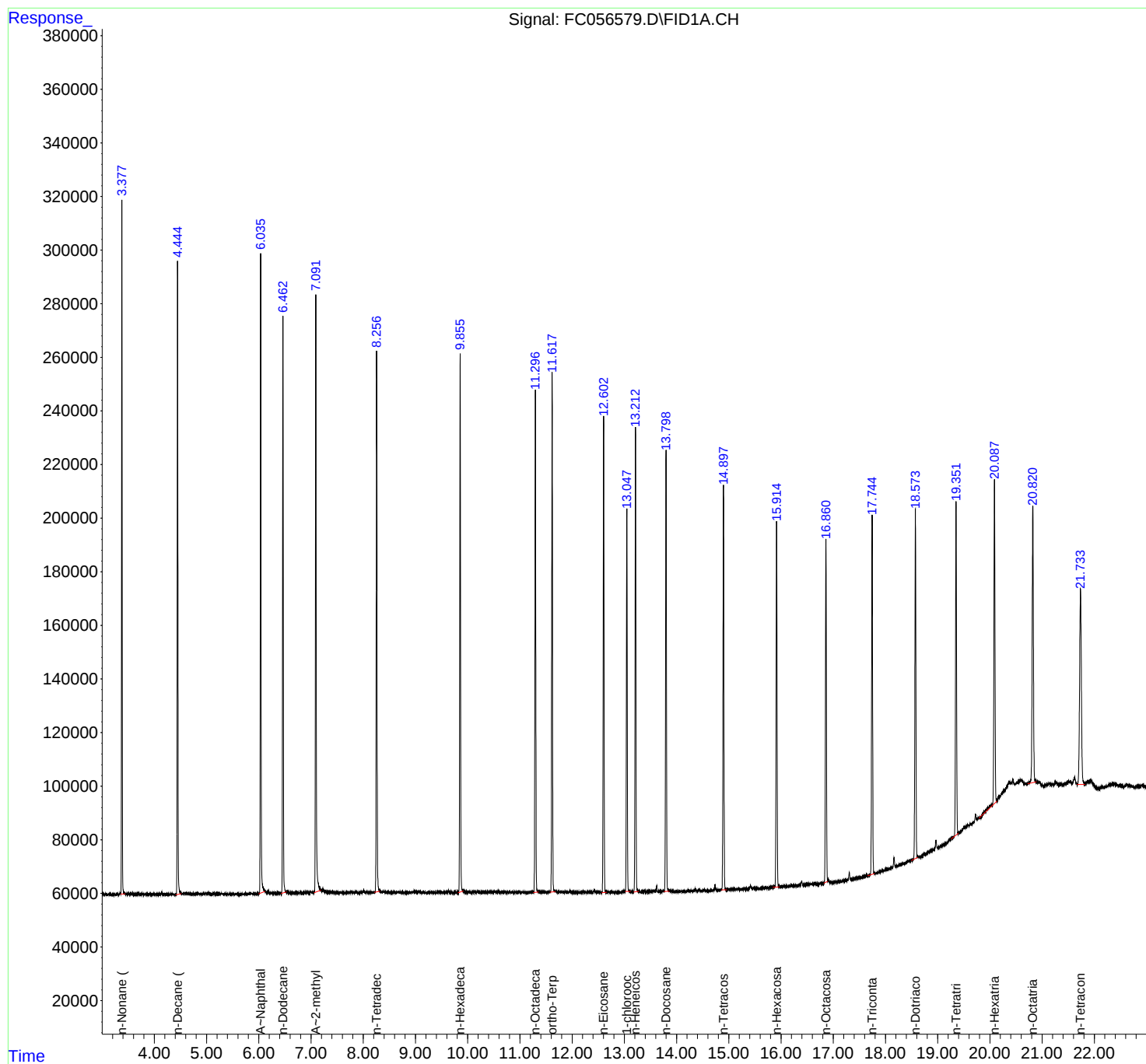
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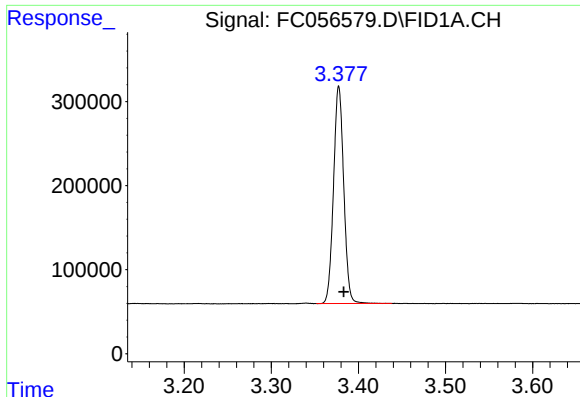
(m)=manual int.

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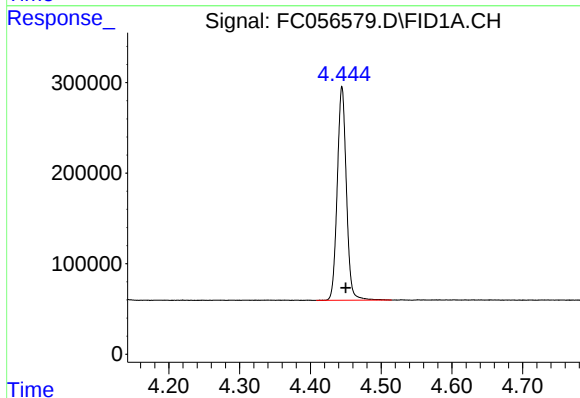
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Signal Info : 20M x 0.18mm x 0.18um





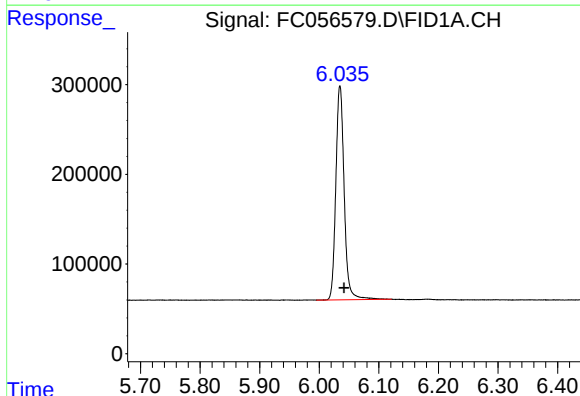
#1 n-Nonane (C9)

R.T.: 3.378 min
Delta R.T.: -0.005 min
Response: 2108368
Conc: 19.48 ug/ml



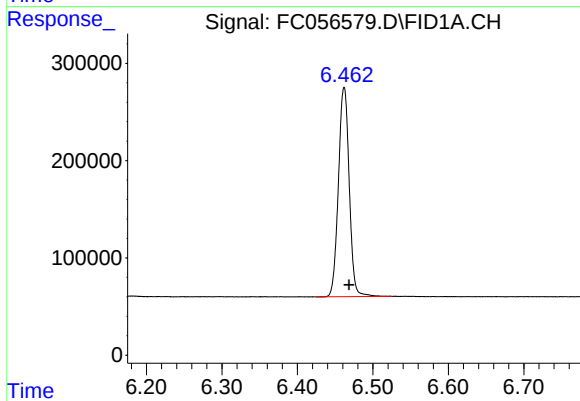
#2 n-Decane (C10)

R.T.: 4.445 min
Delta R.T.: -0.006 min
Response: 2116307
Conc: 19.65 ug/ml



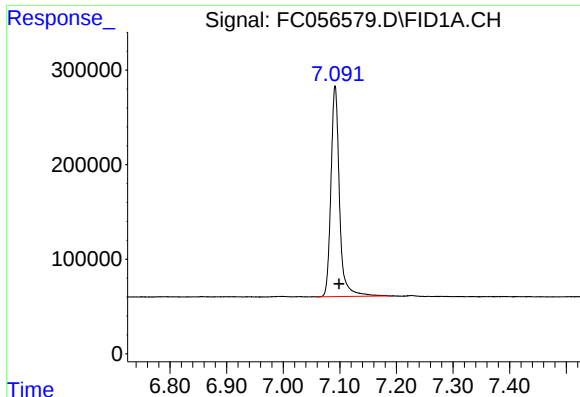
#3 A~Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: -0.007 min
Response: 2328091
Conc: 19.10 ug/ml



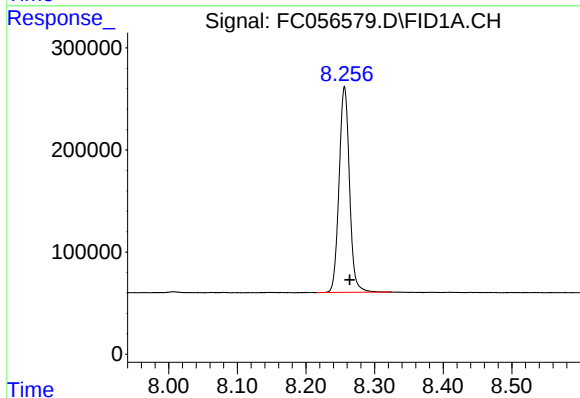
#4 n-Dodecane (C12)

R.T.: 6.462 min
Delta R.T.: -0.007 min
Response: 2143621
Conc: 19.45 ug/ml



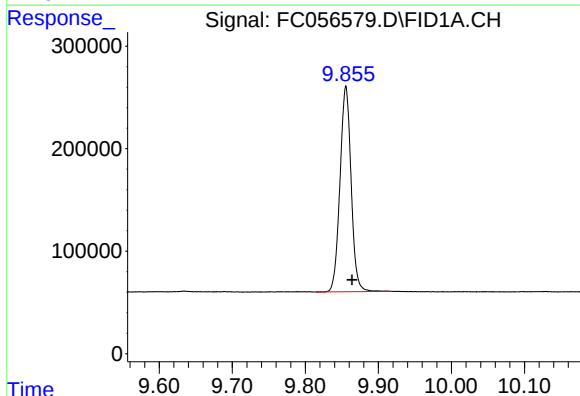
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.092 min
Delta R.T.: -0.007 min
Response: 2342432
Conc: 19.13 ug/ml



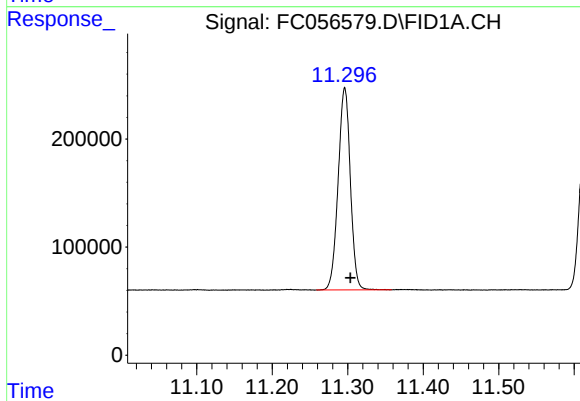
#6 n-Tetradecane (C14)

R.T.: 8.256 min
Delta R.T.: -0.008 min
Response: 2122392
Conc: 18.90 ug/ml



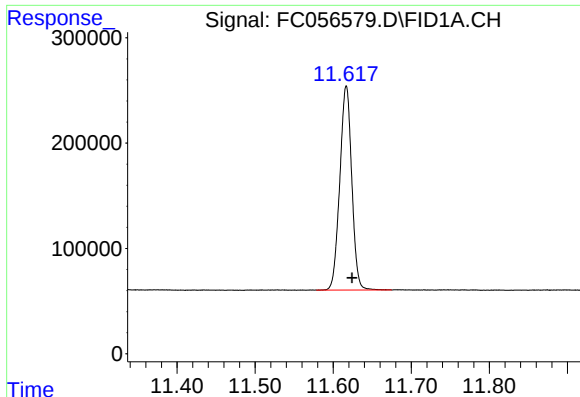
#7 n-Hexadecane (C16)

R.T.: 9.855 min
Delta R.T.: -0.008 min
Response: 2119373
Conc: 18.64 ug/ml



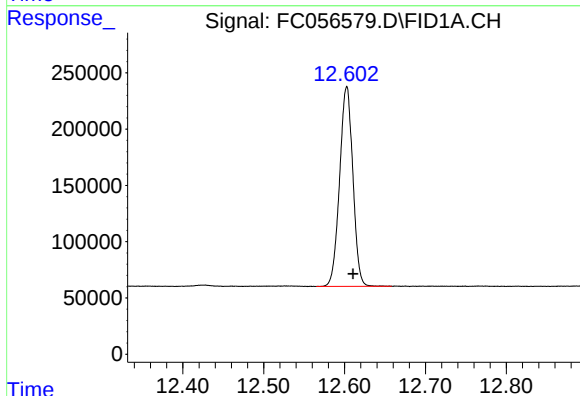
#8 n-Octadecane (C18)

R.T.: 11.296 min
Delta R.T.: -0.007 min
Response: 2102578
Conc: 17.99 ug/ml



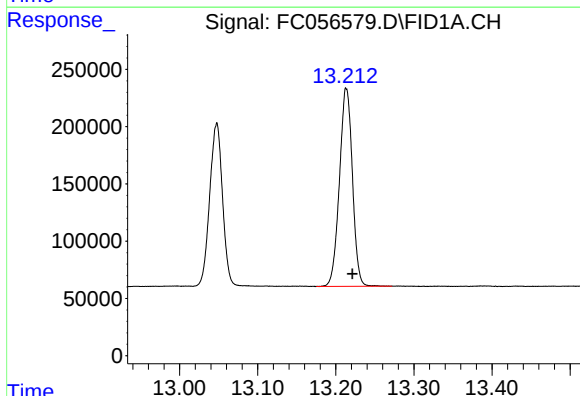
#9 ortho-Terphenyl (SURR)

R.T.: 11.617 min
Delta R.T.: -0.007 min
Response: 2059772
Conc: 16.64 ug/ml



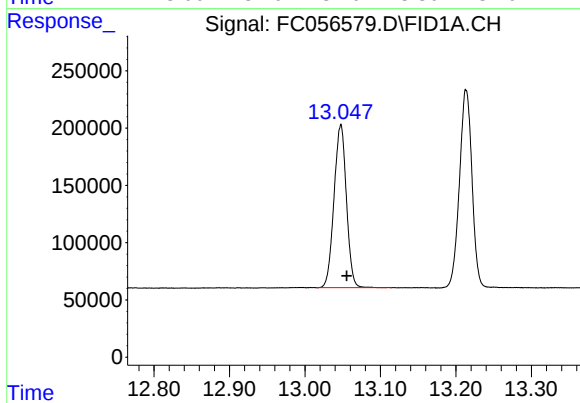
#10 n-Eicosane (C20)

R.T.: 12.602 min
Delta R.T.: -0.008 min
Response: 2020300
Conc: 17.58 ug/ml



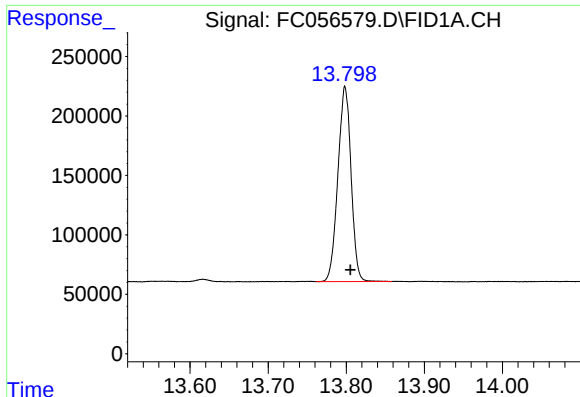
#11 n-Heneicosane (C21)

R.T.: 13.214 min
Delta R.T.: -0.008 min
Response: 1996914
Conc: 17.38 ug/ml



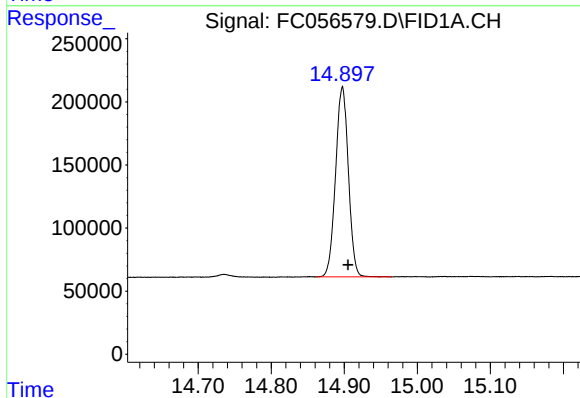
#12 1-chlorooctadecane (SURR)

R.T.: 13.047 min
Delta R.T.: -0.008 min
Response: 1623138
Conc: 16.87 ug/ml



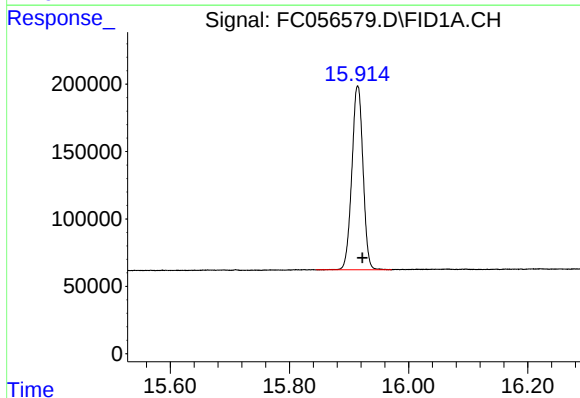
#13 n-Docosane (C22)

R.T.: 13.799 min
Delta R.T.: -0.007 min
Response: 1923613
Conc: 17.09 ug/ml



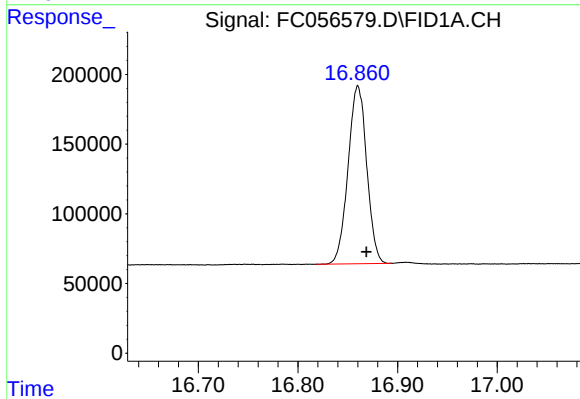
#14 n-Tetracosane (C24)

R.T.: 14.897 min
Delta R.T.: -0.008 min
Response: 1834960
Conc: 16.65 ug/ml



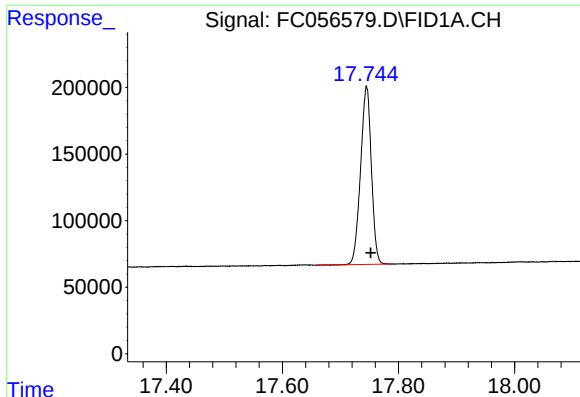
#15 n-Hexacosane (C26)

R.T.: 15.915 min
Delta R.T.: -0.008 min
Response: 1770166
Conc: 16.77 ug/ml



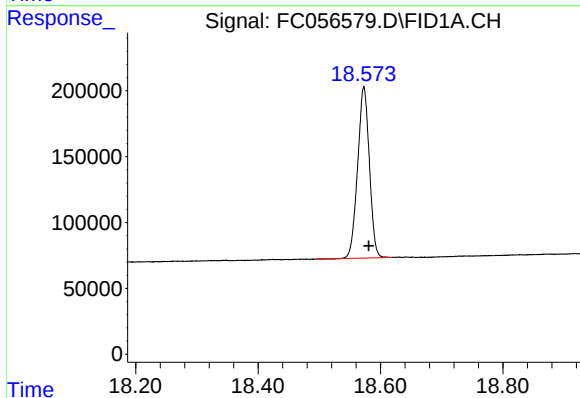
#16 n-Octacosane (C28)

R.T.: 16.860 min
Delta R.T.: -0.009 min
Response: 1658627
Conc: 15.99 ug/ml



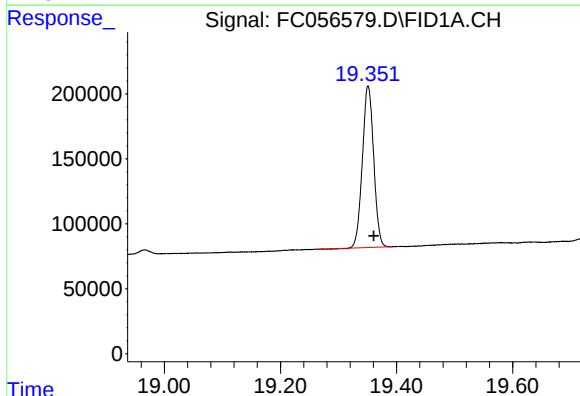
#17 n-Tricontane (C30)

R.T.: 17.745 min
Delta R.T.: -0.007 min
Response: 1723665
Conc: 16.64 ug/ml



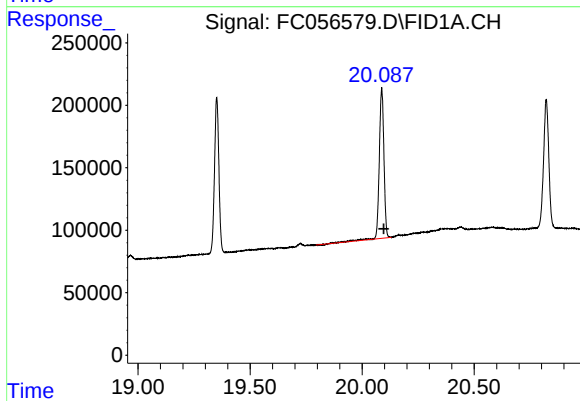
#18 n-Dotriacontane (C32)

R.T.: 18.573 min
Delta R.T.: -0.008 min
Response: 1733188
Conc: 18.09 ug/ml



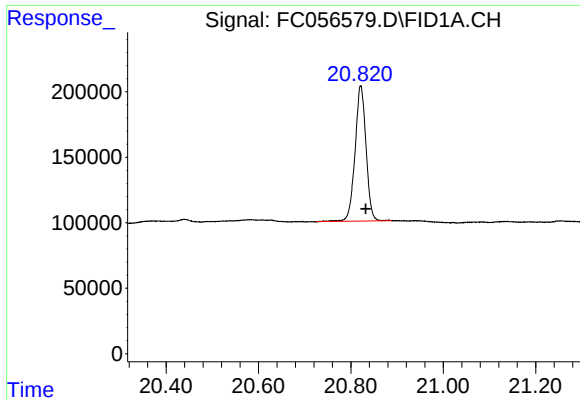
#19 n-Tetratriacontane (C34)

R.T.: 19.351 min
Delta R.T.: -0.009 min
Response: 1680216
Conc: 19.16 ug/ml



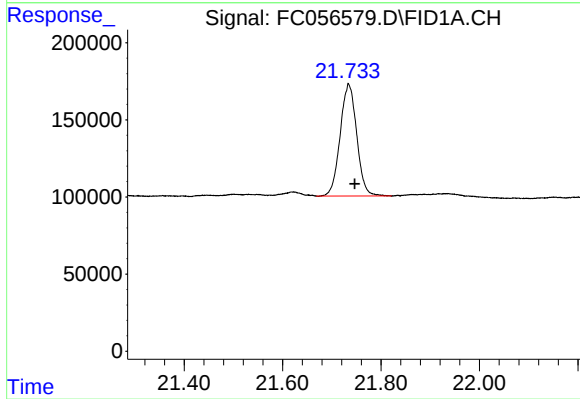
#20 n-Hexatriacontane (C36)

R.T.: 20.087 min
Delta R.T.: -0.009 min
Response: 1744435
Conc: 21.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.821 min
Delta R.T.: -0.011 min
Response: 1701031
Conc: 21.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.734 min
Delta R.T.: -0.012 min
Response: 1696771
Conc: 20.59 ug/ml