

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101321AL\
 Data File : FC056172.D
 Signal(s) : FID1A.CH
 Acq On : 13 Oct 2021 22:41
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 13 23:41:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 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)	11.637	1987176	16.747 ug/ml
Spiked Amount 50.000		Recovery =	33.49%
12) S 1-chlorooctadecane (S...	13.068	1537693	16.737 ug/ml
Spiked Amount 50.000		Recovery =	33.47%
Target Compounds			
1) T n-Nonane (C9)	3.386	2106271	19.738 ug/ml
2) T n-Decane (C10)	4.456	2096684	19.615 ug/ml
3) T A~Naphthalene (C11.7)	6.050	2252748	18.723 ug/ml
4) T n-Dodecane (C12)	6.477	2068536	19.058 ug/ml
5) T A~2-methylnaphthalene...	7.109	2196961	18.086 ug/ml
6) T n-Tetradecane (C14)	8.273	2018892	18.248 ug/ml
7) T n-Hexadecane (C16)	9.873	1956448	17.675 ug/ml
8) T n-Octadecane (C18)	11.314	1936080	17.299 ug/ml
10) T n-Eicosane (C20)	12.622	1854335	16.977 ug/ml
11) T n-Heneicosane (C21)	13.234	1843754	16.958 ug/ml
13) T n-Docosane (C22)	13.819	1802628	16.879 ug/ml
14) T n-Tetracosane (C24)	14.920	1792048	17.138 ug/ml
15) T n-Hexacosane (C26)	15.938	1761515	17.532 ug/ml
16) T n-Octacosane (C28)	16.885	1783274	18.436 ug/ml
17) T n-Tricontane (C30)	17.770	1805022	19.454 ug/ml
18) T n-Dotriacontane (C32)	18.599	1816377	20.430 ug/ml
19) T n-Tetratriacontane (C34)	19.380	1763451	20.389 ug/ml
20) T n-Hexatriacontane (C36)	20.116	2243896	27.464 ug/ml
21) T n-Octatriacontane (C38)	20.857	1655763	20.778 ug/ml
22) T n-Tetracontane (C40)	21.779	1505665	18.783 ug/ml

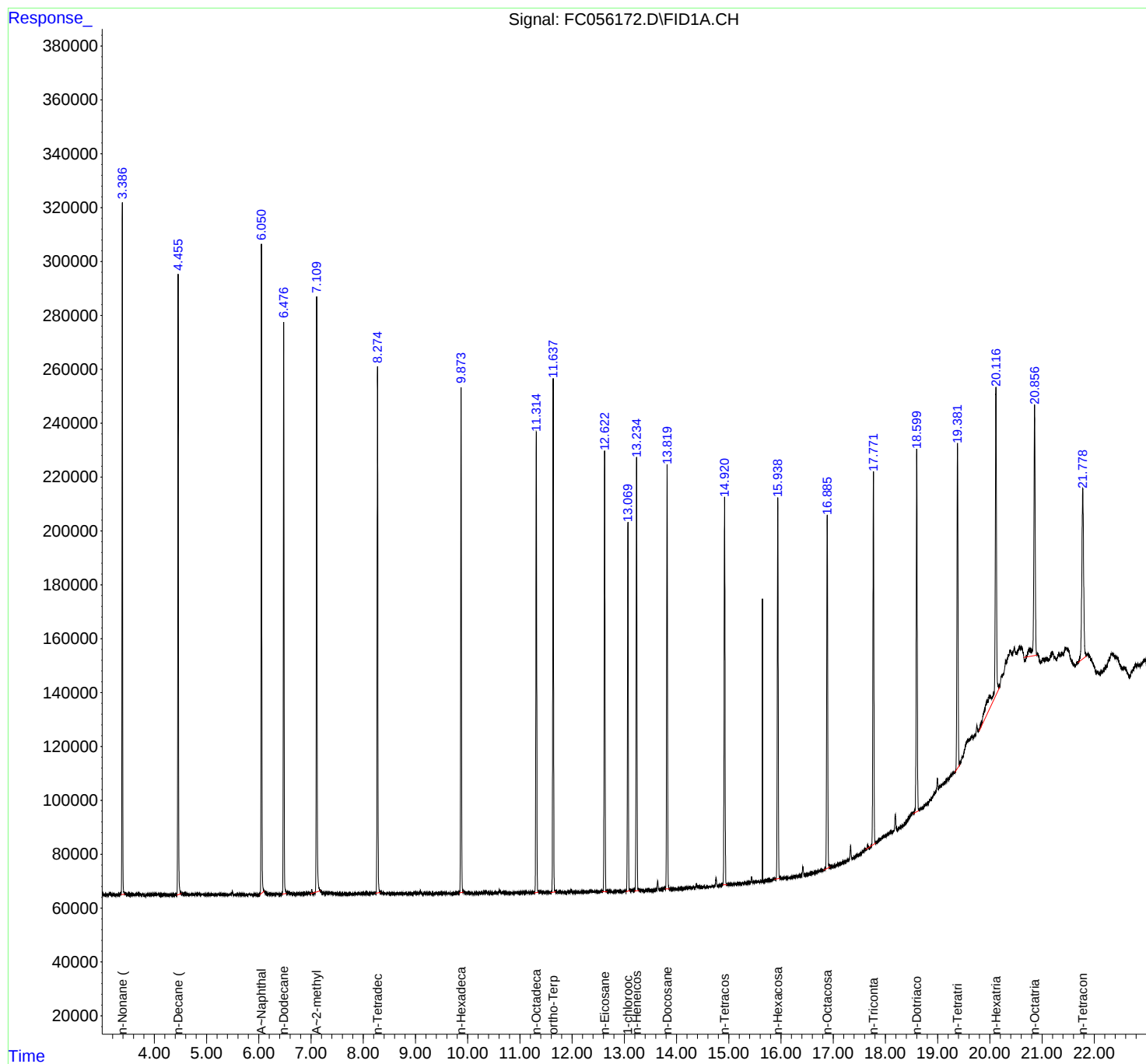
(f)=RT Delta > 1/2 Window

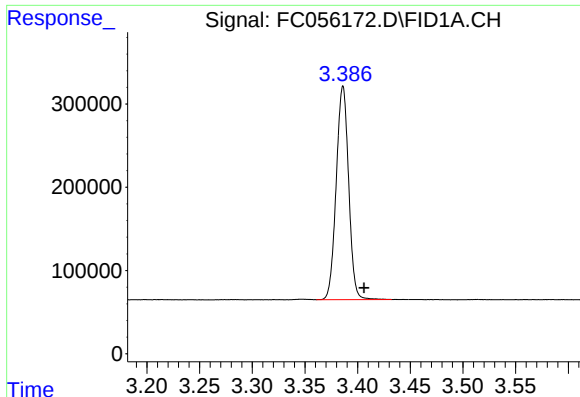
(m)=manual int.

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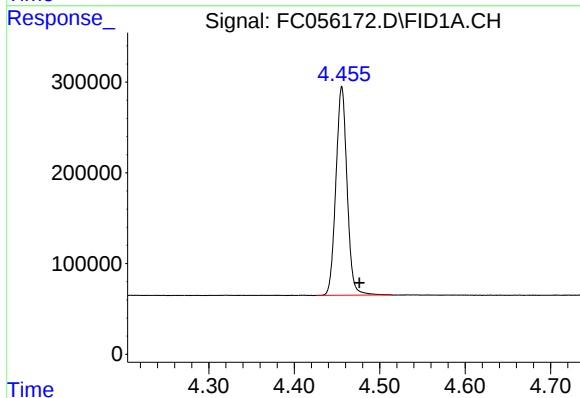
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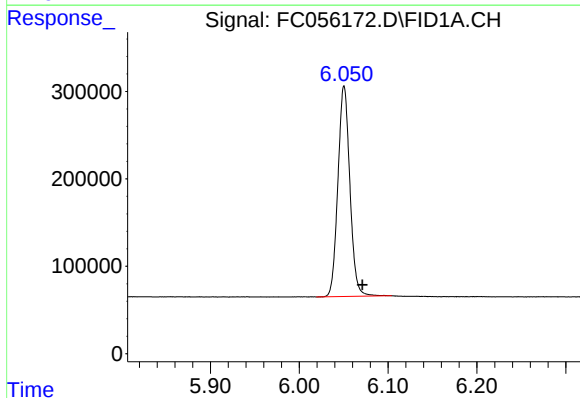
#1 n-Nonane (C9)

R.T.: 3.386 min
Delta R.T.: -0.020 min
Response: 2106271
Conc: 19.74 ug/ml



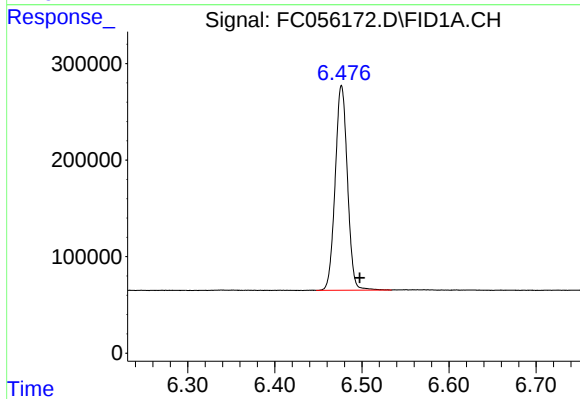
#2 n-Decane (C10)

R.T.: 4.456 min
Delta R.T.: -0.021 min
Response: 2096684
Conc: 19.61 ug/ml



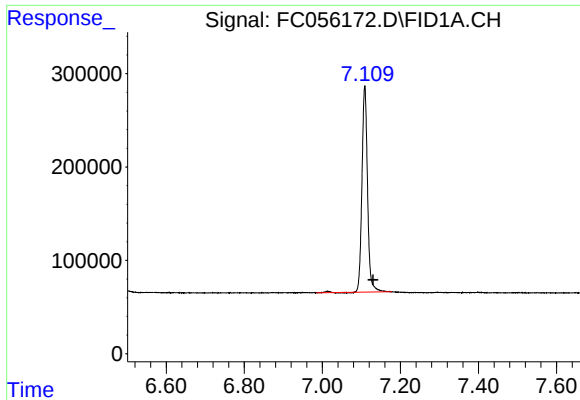
#3 A~Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.021 min
Response: 2252748
Conc: 18.72 ug/ml



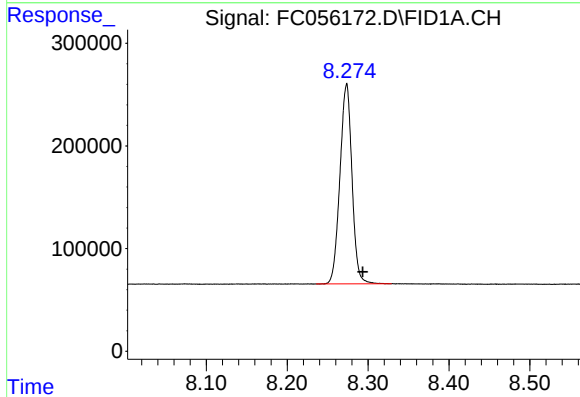
#4 n-Dodecane (C12)

R.T.: 6.477 min
Delta R.T.: -0.021 min
Response: 2068536
Conc: 19.06 ug/ml



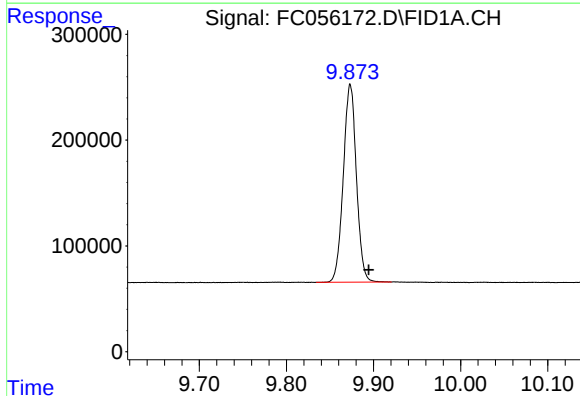
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.109 min
Delta R.T.: -0.021 min
Response: 2196961
Conc: 18.09 ug/ml



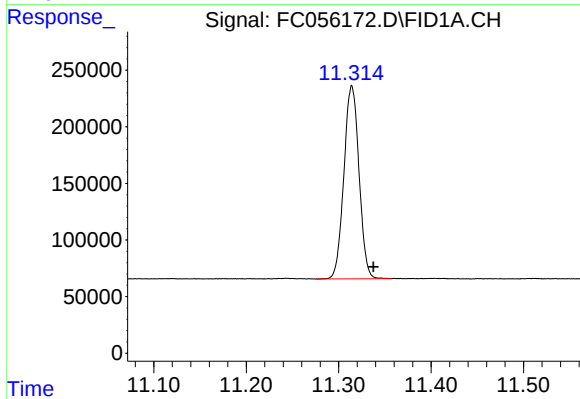
#6 n-Tetradecane (C14)

R.T.: 8.273 min
Delta R.T.: -0.020 min
Response: 2018892
Conc: 18.25 ug/ml



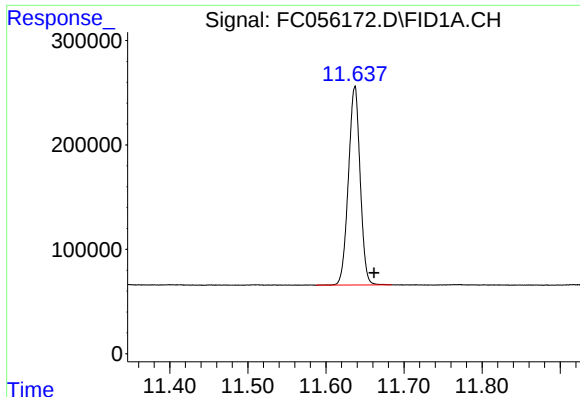
#7 n-Hexadecane (C16)

R.T.: 9.873 min
Delta R.T.: -0.021 min
Response: 1956448
Conc: 17.67 ug/ml



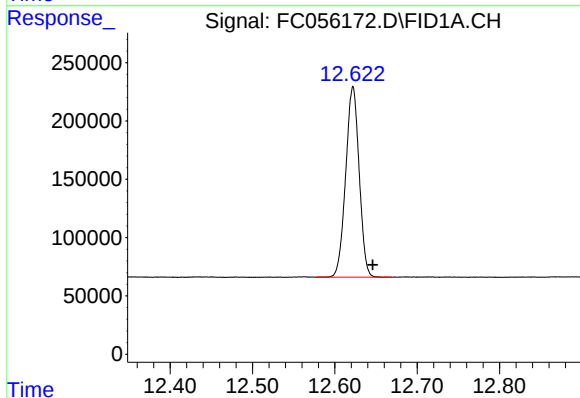
#8 n-Octadecane (C18)

R.T.: 11.314 min
Delta R.T.: -0.024 min
Response: 1936080
Conc: 17.30 ug/ml



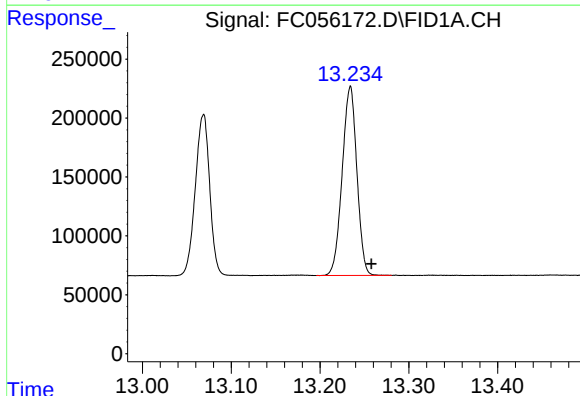
#9 ortho-Terphenyl (SURR)

R.T.: 11.637 min
Delta R.T.: -0.025 min
Response: 1987176
Conc: 16.75 ug/ml



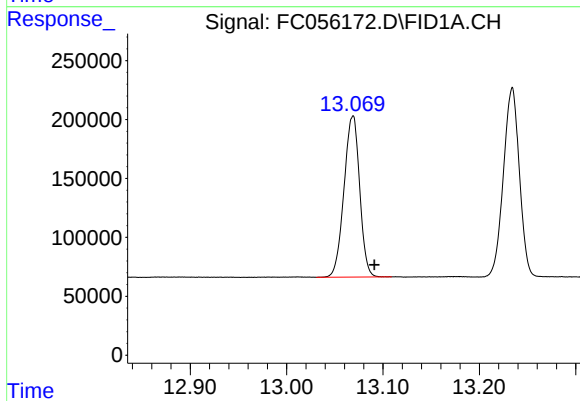
#10 n-Eicosane (C20)

R.T.: 12.622 min
Delta R.T.: -0.024 min
Response: 1854335
Conc: 16.98 ug/ml



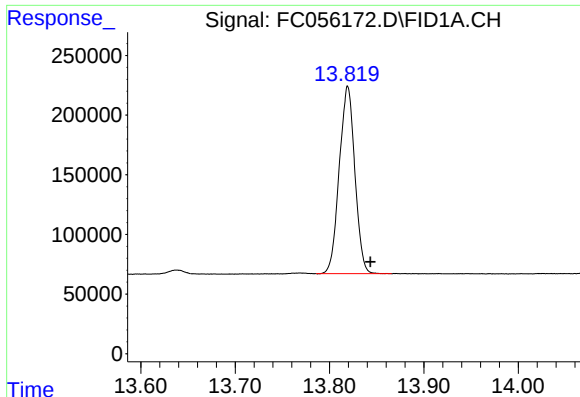
#11 n-Heneicosane (C21)

R.T.: 13.234 min
Delta R.T.: -0.024 min
Response: 1843754
Conc: 16.96 ug/ml



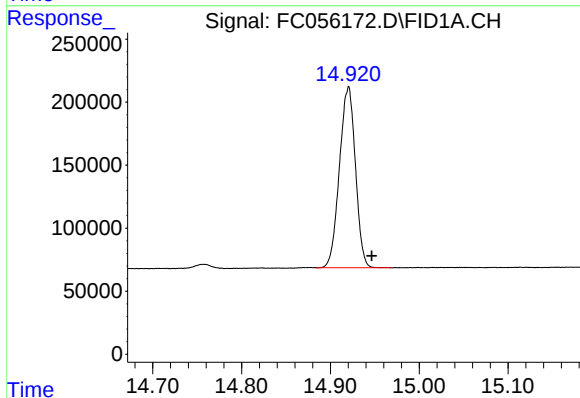
#12 1-chlorooctadecane (SURR)

R.T.: 13.068 min
Delta R.T.: -0.023 min
Response: 1537693
Conc: 16.74 ug/ml



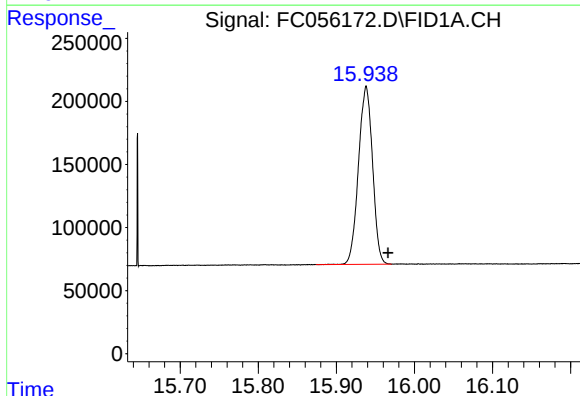
#13 n-Docosane (C22)

R.T.: 13.819 min
Delta R.T.: -0.024 min
Response: 1802628
Conc: 16.88 ug/ml



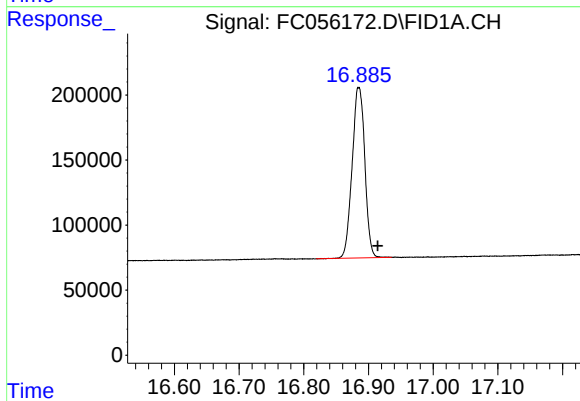
#14 n-Tetracosane (C24)

R.T.: 14.920 min
Delta R.T.: -0.026 min
Response: 1792048
Conc: 17.14 ug/ml



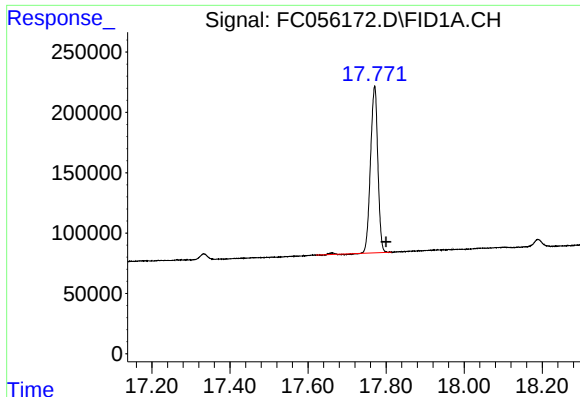
#15 n-Hexacosane (C26)

R.T.: 15.938 min
Delta R.T.: -0.028 min
Response: 1761515
Conc: 17.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.885 min
Delta R.T.: -0.029 min
Response: 1783274
Conc: 18.44 ug/ml



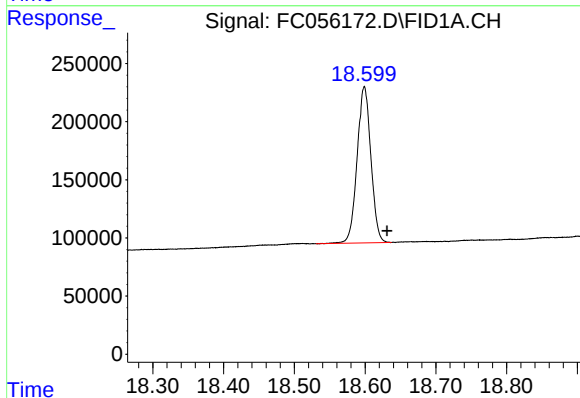
#17 n-Tricontane (C30)

R.T.: 17.770 min

Delta R.T.: -0.030 min

Response: 1805022

Conc: 19.45 ug/ml



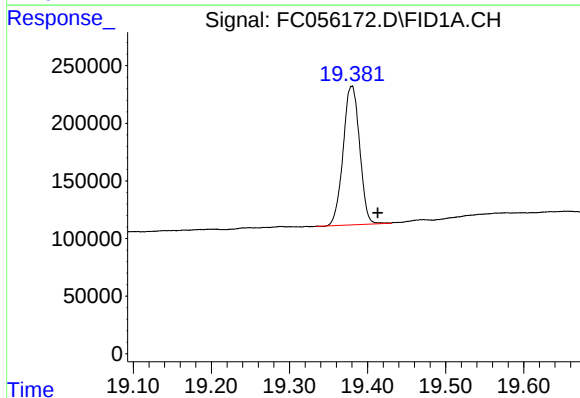
#18 n-Dotriacontane (C32)

R.T.: 18.599 min

Delta R.T.: -0.032 min

Response: 1816377

Conc: 20.43 ug/ml



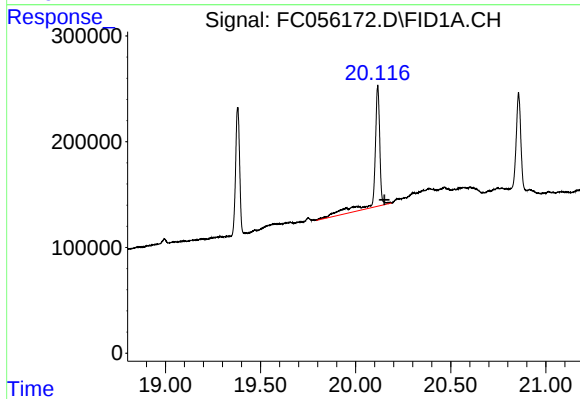
#19 n-Tetratriacontane (C34)

R.T.: 19.380 min

Delta R.T.: -0.034 min

Response: 1763451

Conc: 20.39 ug/ml



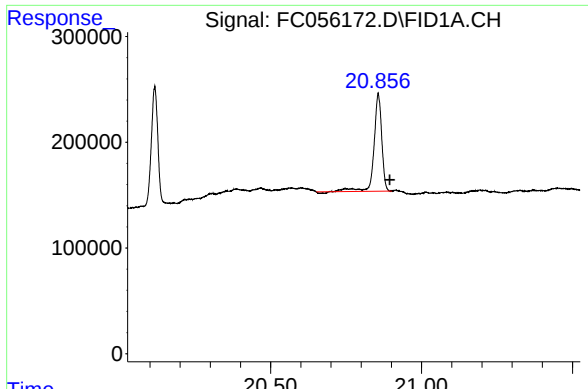
#20 n-Hexatriacontane (C36)

R.T.: 20.116 min

Delta R.T.: -0.035 min

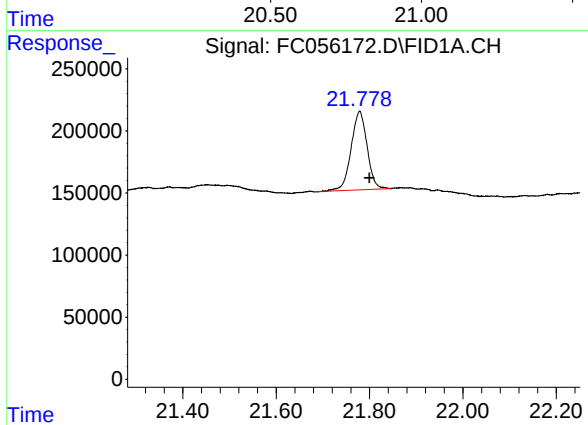
Response: 2243896

Conc: 27.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.857 min
Delta R.T.: -0.039 min
Response: 1655763
Conc: 20.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.779 min
Delta R.T.: -0.021 min
Response: 1505665
Conc: 18.78 ug/ml