

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120921AL\
 Data File : FC057356.D
 Signal(s) : FID1A.CH
 Acq On : 10 Dec 2021 12:47
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 10 13:12:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 09 22:19:01 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)	11.575	2170757	21.513 ug/ml
Spiked Amount 50.000		Recovery =	43.03%
12) S 1-chlorooctadecane (S...	13.007	1659533	21.855 ug/ml
Spiked Amount 50.000		Recovery =	43.71%
Target Compounds			
1) T n-Nonane (C9)	3.343	2027215	21.549 ug/ml
2) T n-Decane (C10)	4.408	2043299	21.831 ug/ml
3) T A~Naphthalene (C11.7)	5.997	2155515	21.934 ug/ml
4) T n-Dodecane (C12)	6.423	2058106	21.542 ug/ml
5) T A~2-methylnaphthalene...	7.052	2128859	21.758 ug/ml
6) T n-Tetradecane (C14)	8.215	2058776	21.432 ug/ml
7) T n-Hexadecane (C16)	9.814	2081658	21.476 ug/ml
8) T n-Octadecane (C18)	11.253	2089706	21.214 ug/ml
10) T n-Eicosane (C20)	12.560	2061614	21.422 ug/ml
11) T n-Heneicosane (C21)	13.172	2034751	21.276 ug/ml
13) T n-Docosane (C22)	13.756	2011485	21.579 ug/ml
14) T n-Tetracosane (C24)	14.858	1975587	21.514 ug/ml
15) T n-Hexacosane (C26)	15.876	1861364	21.533 ug/ml
16) T n-Octacosane (C28)	16.823	1812501	21.256 ug/ml
17) T n-Tricontane (C30)	17.709	1735147	20.756 ug/ml
18) T n-Dotriacontane (C32)	18.539	1730293	21.156 ug/ml
19) T n-Tetratriacontane (C34)	19.319	1777811	21.664 ug/ml
20) T n-Hexatriacontane (C36)	20.056	1610717	20.195 ug/ml
21) T n-Octatriacontane (C38)	20.786	1663340	21.906 ug/ml
22) T n-Tetracontane (C40)	21.684	1786211	23.896 ug/mlm

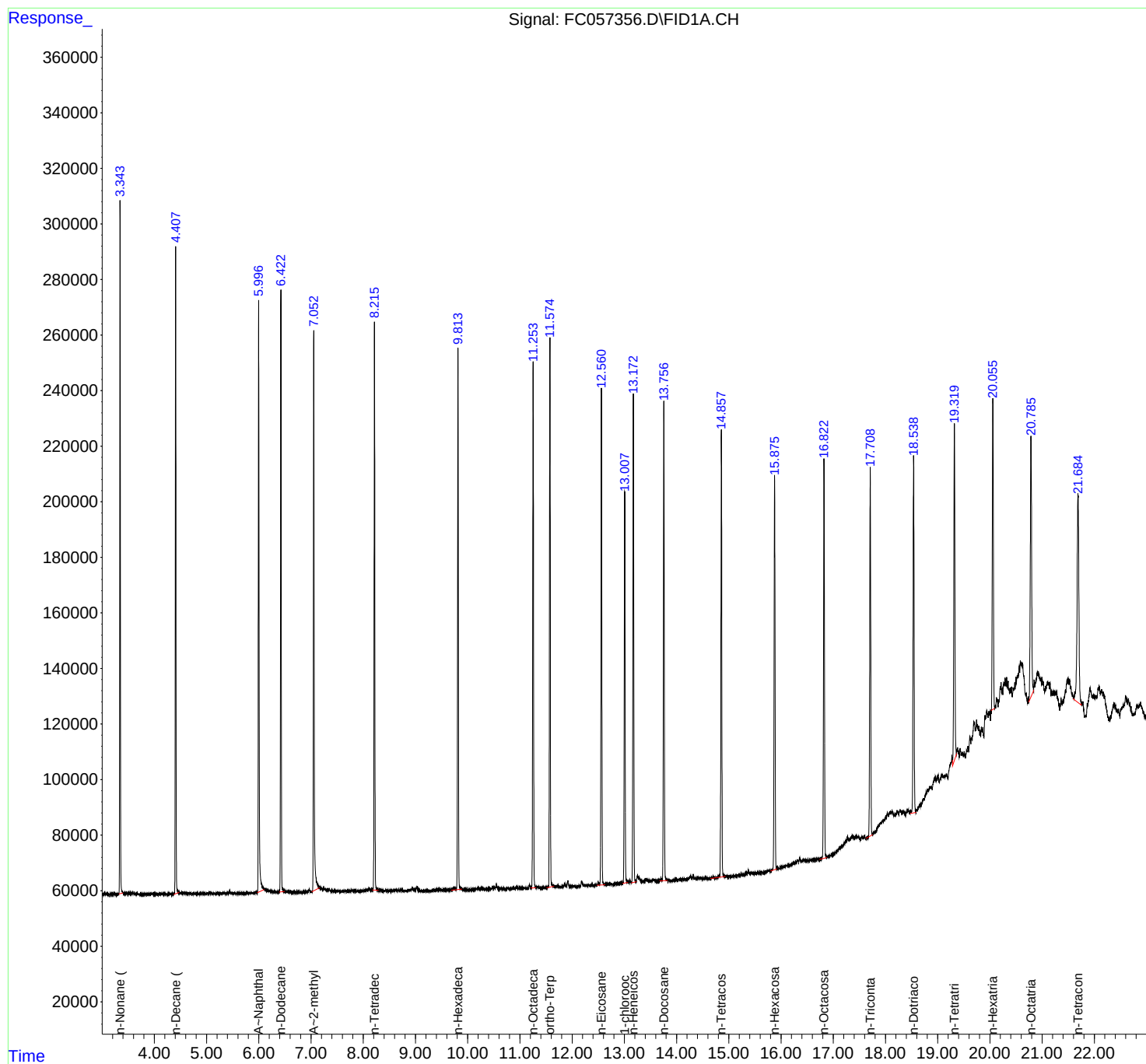
(f)=RT Delta > 1/2 Window

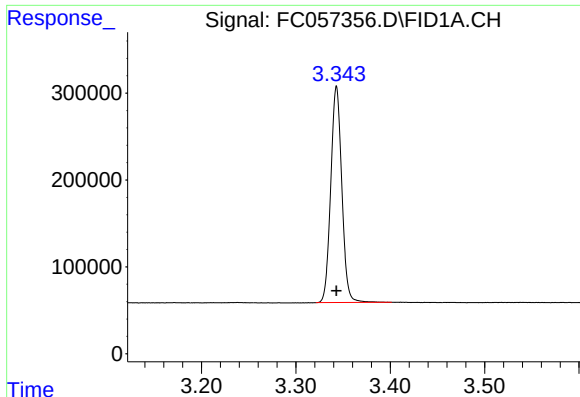
(m)=manual int.

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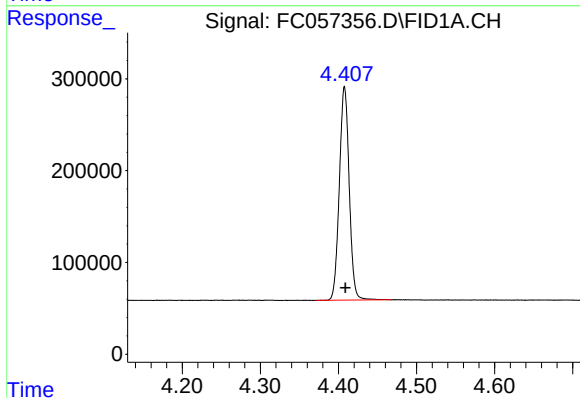
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Signal Info : 20M x 0.18mm x 0.18um





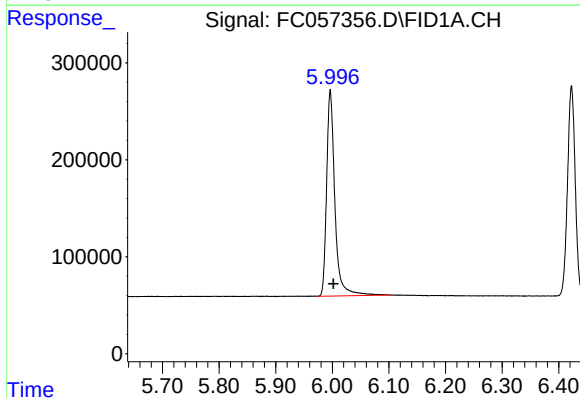
#1 n-Nonane (C9)

R.T.: 3.343 min
Delta R.T.: 0.000 min
Response: 2027215
Conc: 21.55 ug/ml



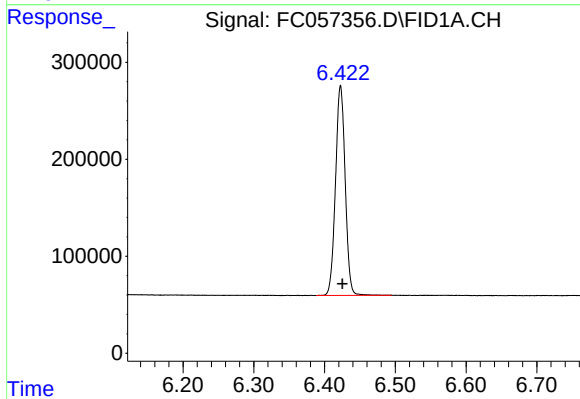
#2 n-Decane (C10)

R.T.: 4.408 min
Delta R.T.: -0.001 min
Response: 2043299
Conc: 21.83 ug/ml



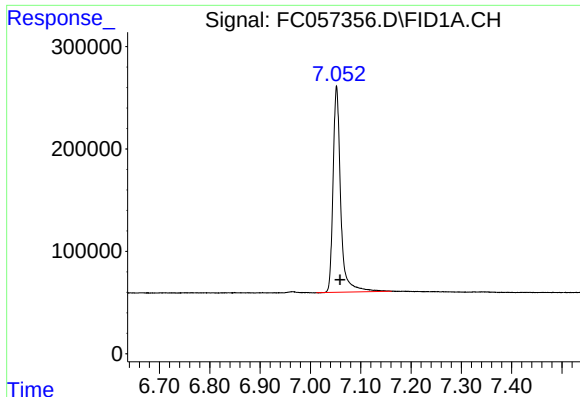
#3 A~Naphthalene (C11.7)

R.T.: 5.997 min
Delta R.T.: -0.005 min
Response: 2155515
Conc: 21.93 ug/ml



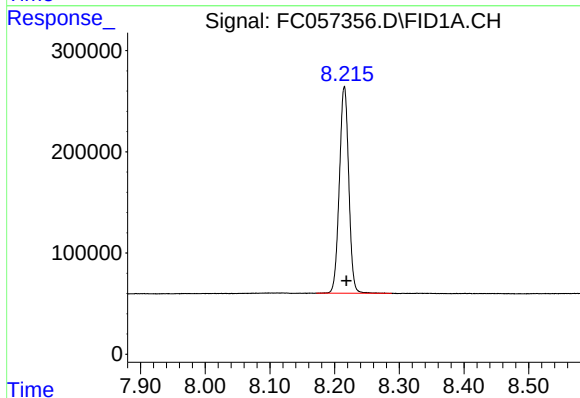
#4 n-Dodecane (C12)

R.T.: 6.423 min
Delta R.T.: -0.003 min
Response: 2058106
Conc: 21.54 ug/ml



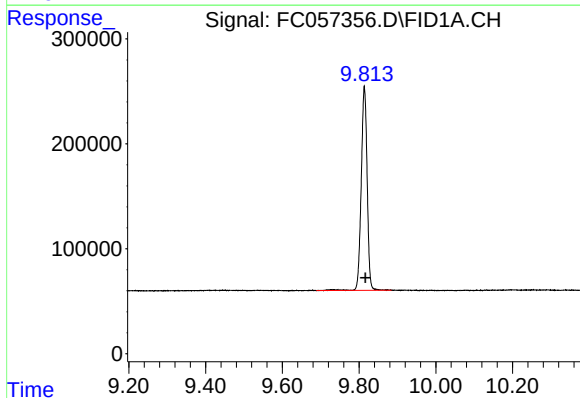
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.052 min
Delta R.T.: -0.007 min
Response: 2128859
Conc: 21.76 ug/ml



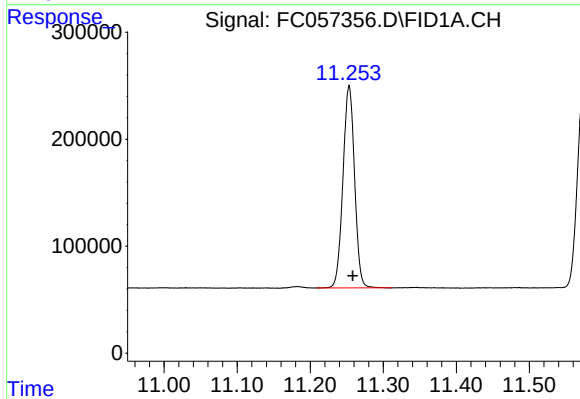
#6 n-Tetradecane (C14)

R.T.: 8.215 min
Delta R.T.: -0.003 min
Response: 2058776
Conc: 21.43 ug/ml



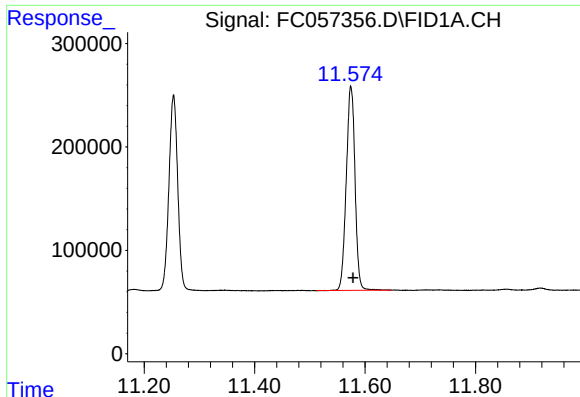
#7 n-Hexadecane (C16)

R.T.: 9.814 min
Delta R.T.: -0.003 min
Response: 2081658
Conc: 21.48 ug/ml



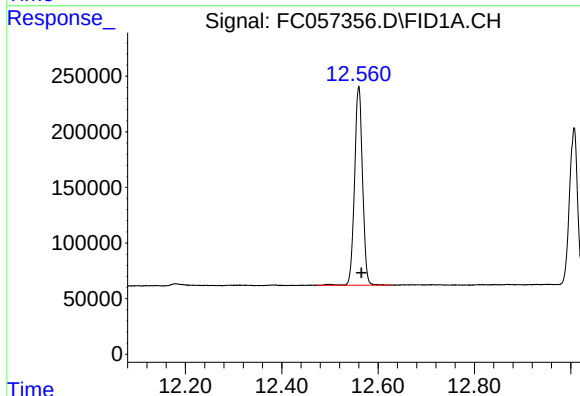
#8 n-Octadecane (C18)

R.T.: 11.253 min
Delta R.T.: -0.005 min
Response: 2089706
Conc: 21.21 ug/ml



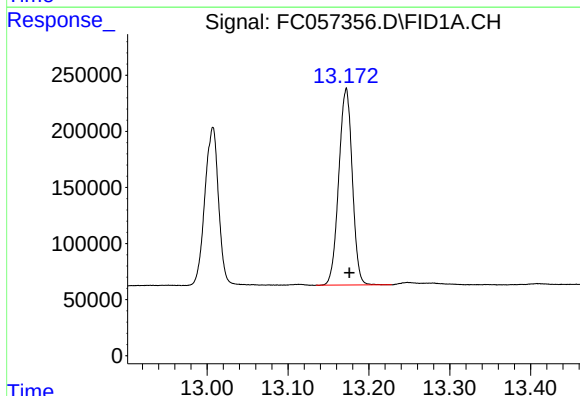
#9 ortho-Terphenyl (SURR)

R.T.: 11.575 min
Delta R.T.: -0.004 min
Response: 2170757
Conc: 21.51 ug/ml



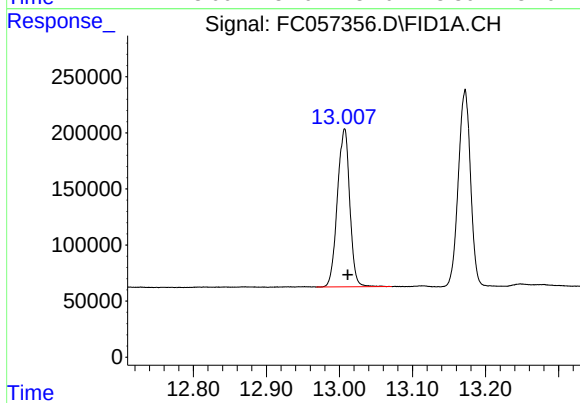
#10 n-Eicosane (C20)

R.T.: 12.560 min
Delta R.T.: -0.006 min
Response: 2061614
Conc: 21.42 ug/ml



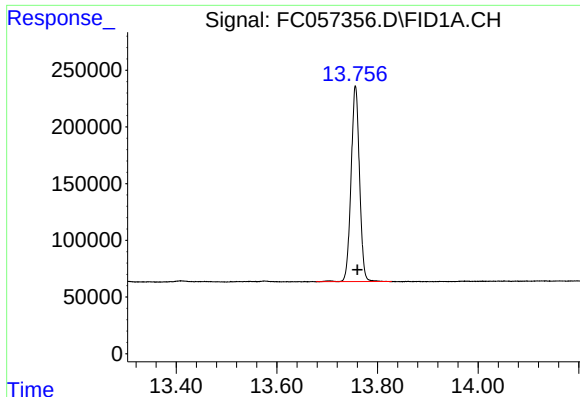
#11 n-Heneicosane (C21)

R.T.: 13.172 min
Delta R.T.: -0.004 min
Response: 2034751
Conc: 21.28 ug/ml



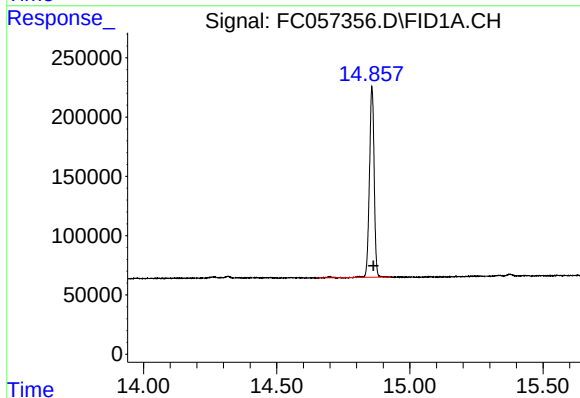
#12 1-chlorooctadecane (SURR)

R.T.: 13.007 min
Delta R.T.: -0.005 min
Response: 1659533
Conc: 21.86 ug/ml



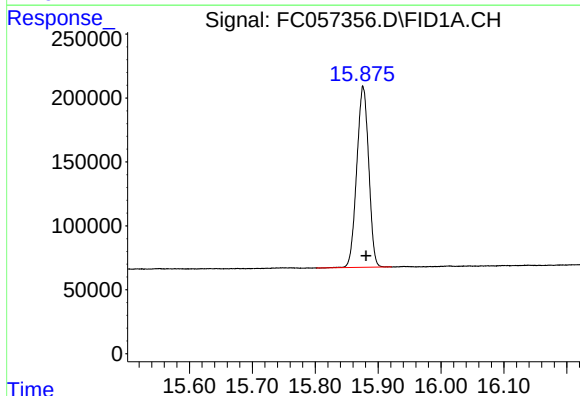
#13 n-Docosane (C22)

R.T.: 13.756 min
Delta R.T.: -0.004 min
Response: 2011485
Conc: 21.58 ug/ml



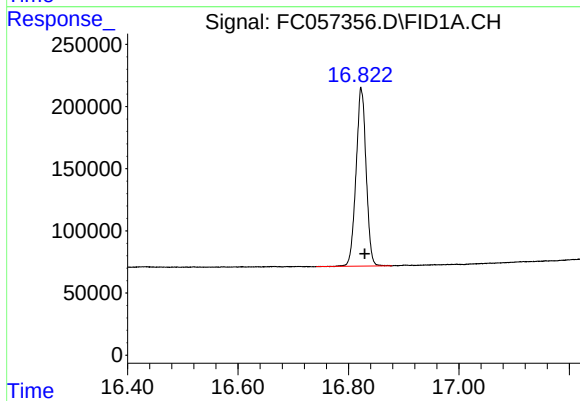
#14 n-Tetracosane (C24)

R.T.: 14.858 min
Delta R.T.: -0.005 min
Response: 1975587
Conc: 21.51 ug/ml



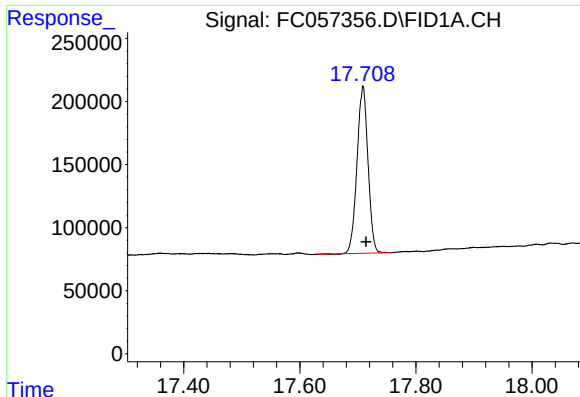
#15 n-Hexacosane (C26)

R.T.: 15.876 min
Delta R.T.: -0.005 min
Response: 1861364
Conc: 21.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.823 min
Delta R.T.: -0.006 min
Response: 1812501
Conc: 21.26 ug/ml



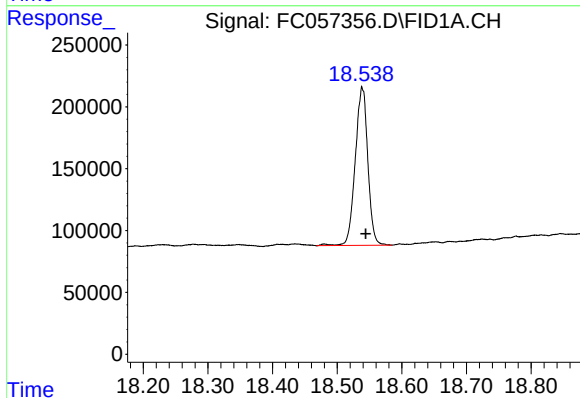
#17 n-Tricontane (C30)

R.T.: 17.709 min

Delta R.T.: -0.006 min

Response: 1735147

Conc: 20.76 ug/ml



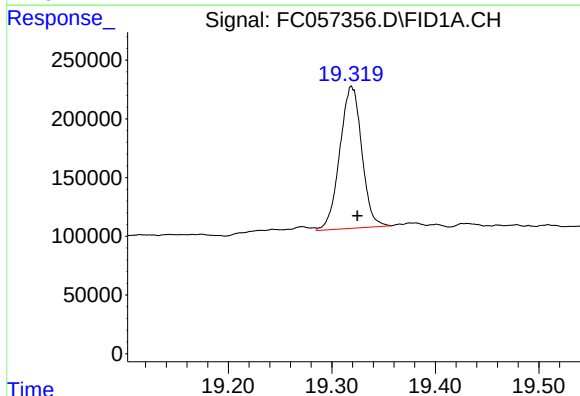
#18 n-Dotriacontane (C32)

R.T.: 18.539 min

Delta R.T.: -0.006 min

Response: 1730293

Conc: 21.16 ug/ml



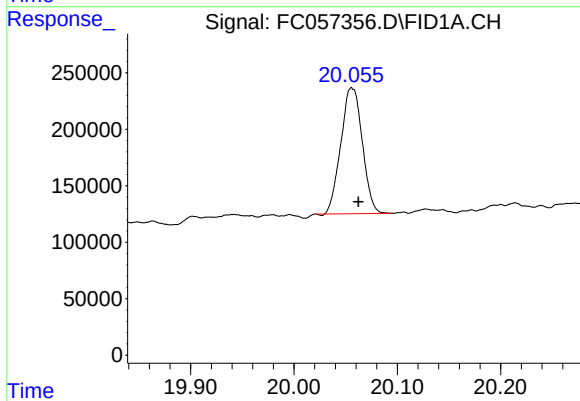
#19 n-Tetratriacontane (C34)

R.T.: 19.319 min

Delta R.T.: -0.006 min

Response: 1777811

Conc: 21.66 ug/ml



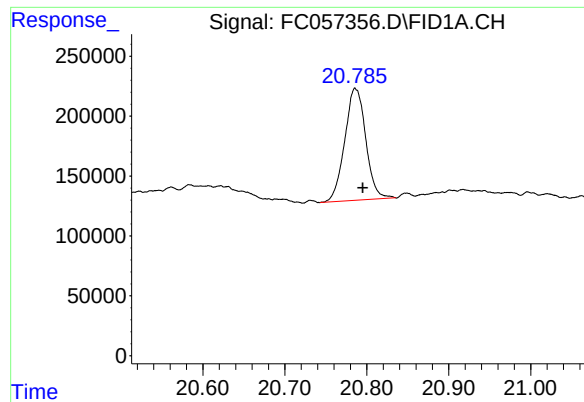
#20 n-Hexatriacontane (C36)

R.T.: 20.056 min

Delta R.T.: -0.006 min

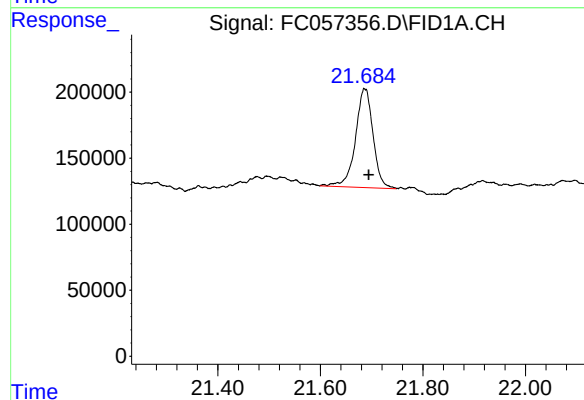
Response: 1610717

Conc: 20.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.786 min
Delta R.T.: -0.009 min
Response: 1663340
Conc: 21.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.684 min
Delta R.T.: -0.010 min
Response: 1786211
Conc: 23.90 ug/ml m