

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102521AL\
 Data File : FC056358.D
 Signal(s) : FID1A.CH
 Acq On : 25 Oct 2021 11:10
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 26 01:14:17 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)	11.624	2341902	18.914 ug/ml
Spiked Amount 50.000		Recovery =	37.83%
12) S 1-chlorooctadecane (S...	13.054	1787277	18.574 ug/ml
Spiked Amount 50.000		Recovery =	37.15%
Target Compounds			
1) T n-Nonane (C9)	3.382	2161050	19.966 ug/ml
2) T n-Decane (C10)	4.449	2165527	20.104 ug/ml
3) T A~Naphthalene (C11.7)	6.039	2432894	19.955 ug/ml
4) T n-Dodecane (C12)	6.467	2209632	20.044 ug/ml
5) T A~2-methylnaphthalene...	7.097	2434202	19.877 ug/ml
6) T n-Tetradecane (C14)	8.262	2225683	19.825 ug/ml
7) T n-Hexadecane (C16)	9.862	2224229	19.564 ug/ml
8) T n-Octadecane (C18)	11.302	2248801	19.244 ug/ml
10) T n-Eicosane (C20)	12.610	2171724	18.896 ug/ml
11) T n-Heneicosane (C21)	13.221	2152519	18.730 ug/ml
13) T n-Docosane (C22)	13.805	2094835	18.607 ug/ml
14) T n-Tetracosane (C24)	14.904	2017134	18.304 ug/ml
15) T n-Hexacosane (C26)	15.921	1891299	17.919 ug/ml
16) T n-Octacosane (C28)	16.868	1795049	17.305 ug/ml
17) T n-Tricontane (C30)	17.751	1713485	16.538 ug/ml
18) T n-Dotriacontane (C32)	18.580	1644200	17.161 ug/ml
19) T n-Tetratriacontane (C34)	19.359	1628509	18.567 ug/ml
20) T n-Hexatriacontane (C36)	20.094	1573243	19.221 ug/ml
21) T n-Octatriacontane (C38)	20.831	1542836	19.291 ug/ml
22) T n-Tetracontane (C40)	21.745	1669397	20.262 ug/ml

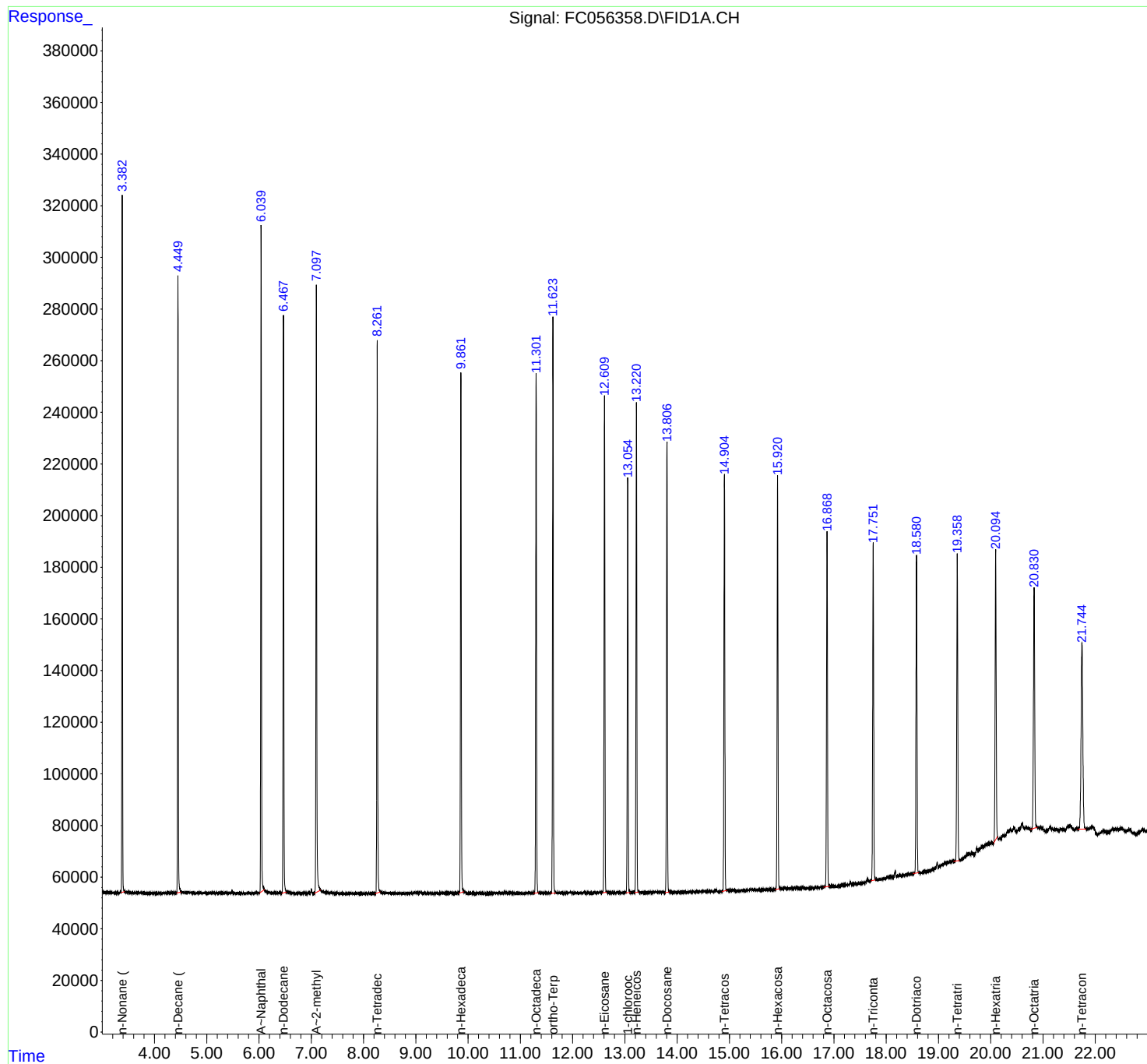
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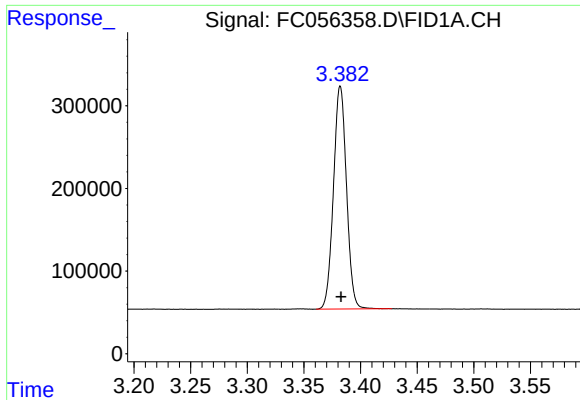
(m)=manual int.

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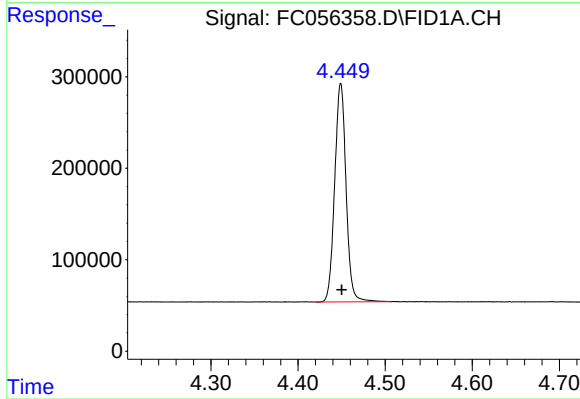
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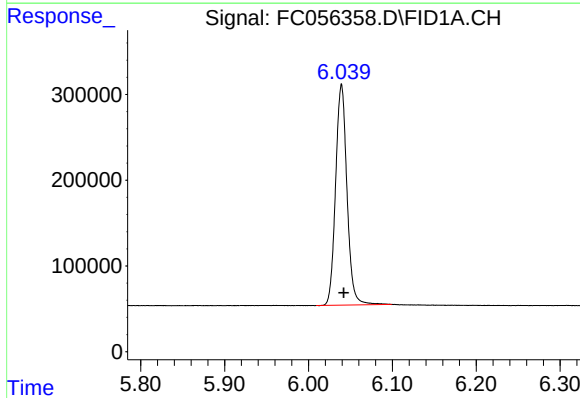
#1 n-Nonane (C9)

R.T.: 3.382 min
Delta R.T.: 0.000 min
Response: 2161050
Conc: 19.97 ug/ml



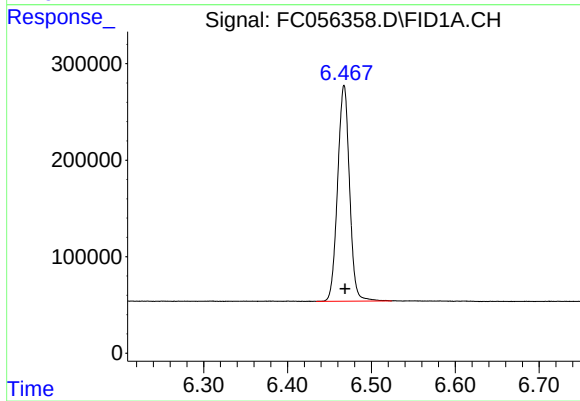
#2 n-Decane (C10)

R.T.: 4.449 min
Delta R.T.: -0.001 min
Response: 2165527
Conc: 20.10 ug/ml



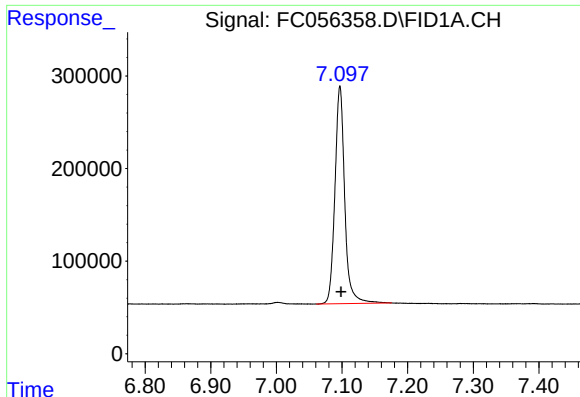
#3 A~Naphthalene (C11.7)

R.T.: 6.039 min
Delta R.T.: -0.003 min
Response: 2432894
Conc: 19.95 ug/ml



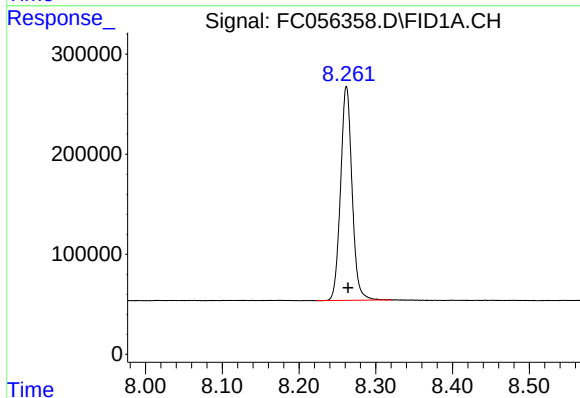
#4 n-Dodecane (C12)

R.T.: 6.467 min
Delta R.T.: -0.001 min
Response: 2209632
Conc: 20.04 ug/ml



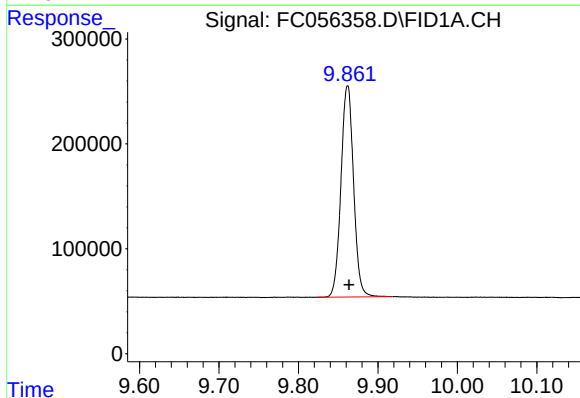
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.097 min
Delta R.T.: -0.002 min
Response: 2434202
Conc: 19.88 ug/ml



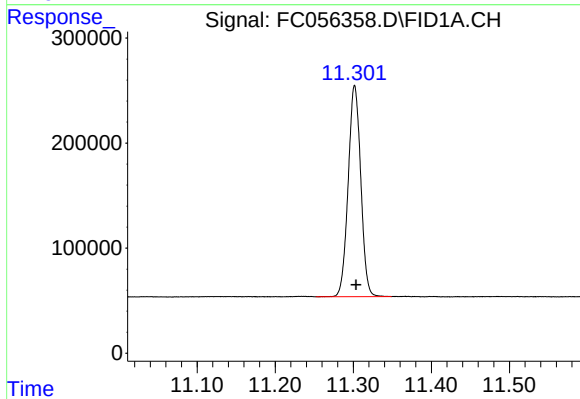
#6 n-Tetradecane (C14)

R.T.: 8.262 min
Delta R.T.: -0.002 min
Response: 2225683
Conc: 19.82 ug/ml



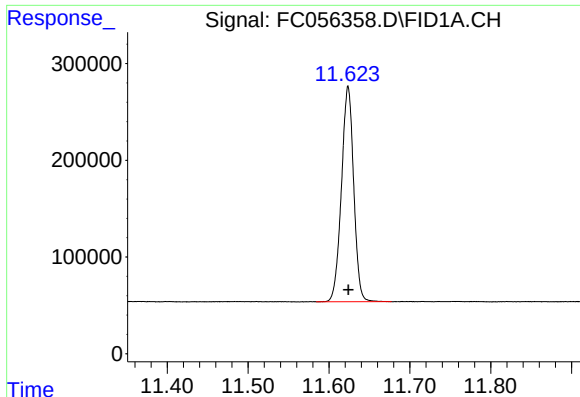
#7 n-Hexadecane (C16)

R.T.: 9.862 min
Delta R.T.: -0.002 min
Response: 2224229
Conc: 19.56 ug/ml



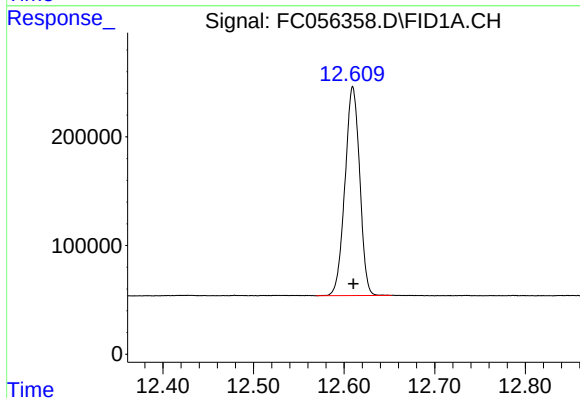
#8 n-Octadecane (C18)

R.T.: 11.302 min
Delta R.T.: -0.002 min
Response: 2248801
Conc: 19.24 ug/ml



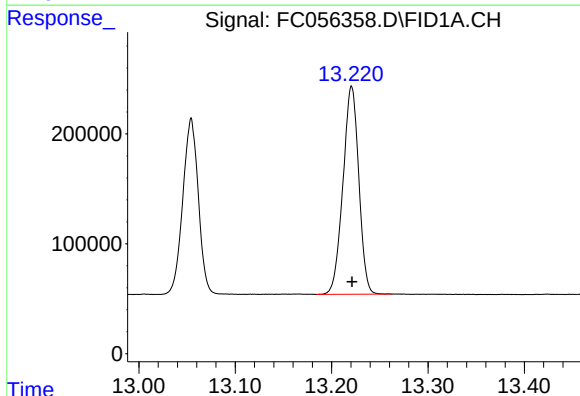
#9 ortho-Terphenyl (SURR)

R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 2341902
Conc: 18.91 ug/ml



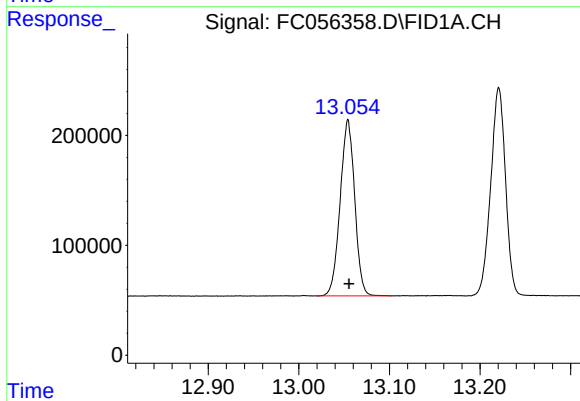
#10 n-Eicosane (C20)

R.T.: 12.610 min
Delta R.T.: 0.000 min
Response: 2171724
Conc: 18.90 ug/ml



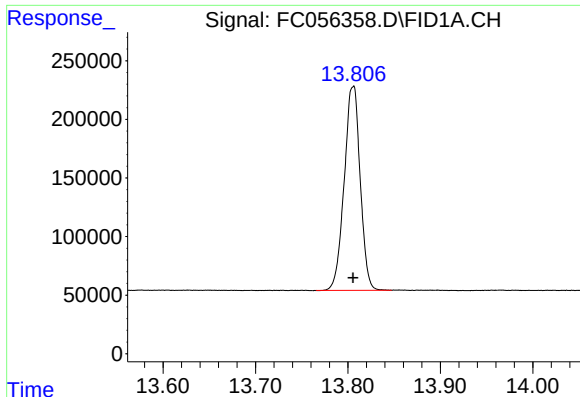
#11 n-Heneicosane (C21)

R.T.: 13.221 min
Delta R.T.: 0.000 min
Response: 2152519
Conc: 18.73 ug/ml



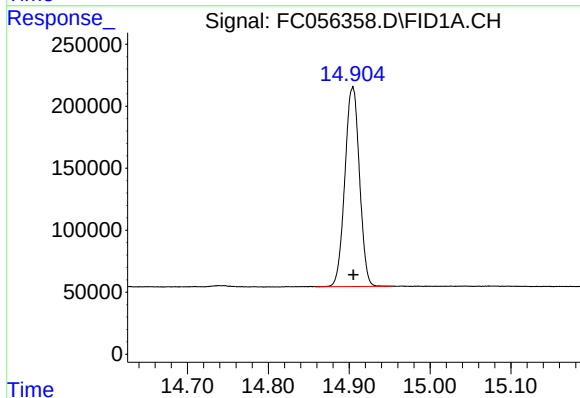
#12 1-chlorooctadecane (SURR)

R.T.: 13.054 min
Delta R.T.: -0.001 min
Response: 1787277
Conc: 18.57 ug/ml



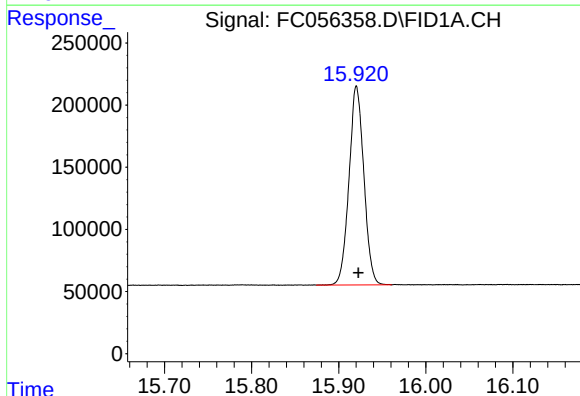
#13 n-Docosane (C22)

R.T.: 13.805 min
Delta R.T.: 0.000 min
Response: 2094835
Conc: 18.61 ug/ml



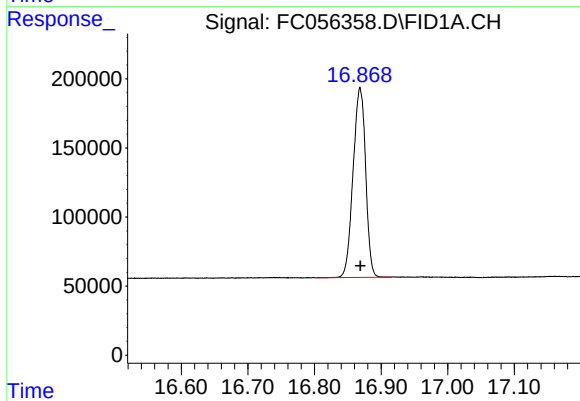
#14 n-Tetracosane (C24)

R.T.: 14.904 min
Delta R.T.: 0.000 min
Response: 2017134
Conc: 18.30 ug/ml



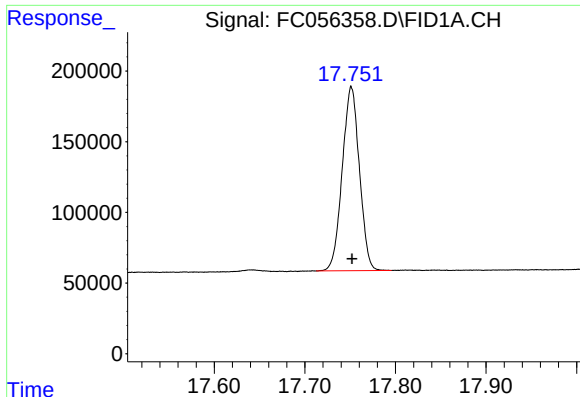
#15 n-Hexacosane (C26)

R.T.: 15.921 min
Delta R.T.: -0.002 min
Response: 1891299
Conc: 17.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.868 min
Delta R.T.: 0.000 min
Response: 1795049
Conc: 17.31 ug/ml



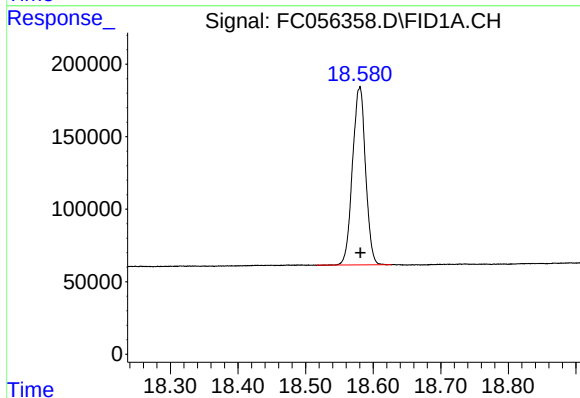
#17 n-Tricontane (C30)

R.T.: 17.751 min

Delta R.T.: 0.000 min

Response: 1713485

Conc: 16.54 ug/ml



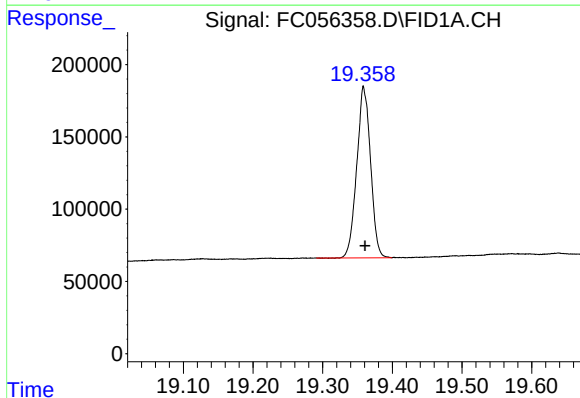
#18 n-Dotriacontane (C32)

R.T.: 18.580 min

Delta R.T.: -0.001 min

Response: 1644200

Conc: 17.16 ug/ml



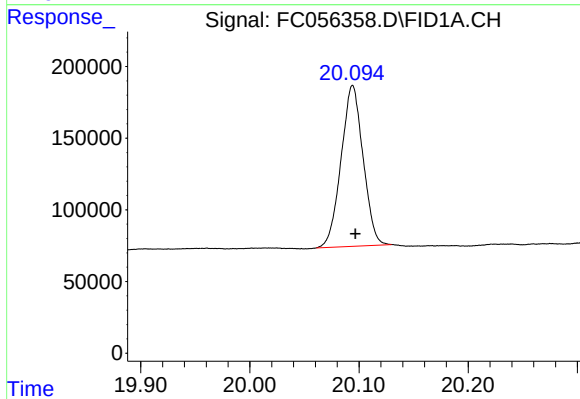
#19 n-Tetratriacontane (C34)

R.T.: 19.359 min

Delta R.T.: -0.001 min

Response: 1628509

Conc: 18.57 ug/ml



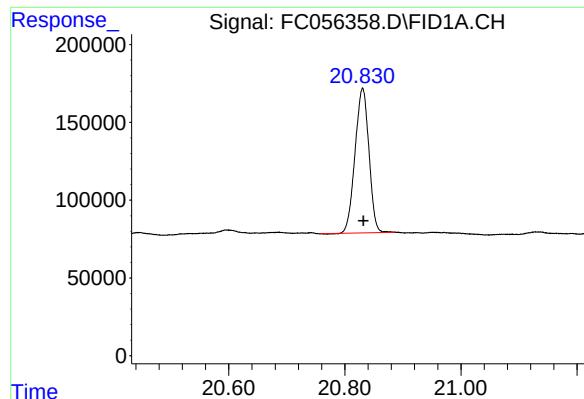
#20 n-Hexatriacontane (C36)

R.T.: 20.094 min

Delta R.T.: -0.003 min

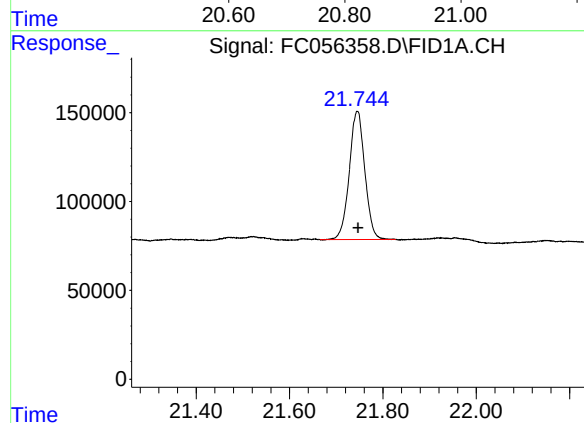
Response: 1573243

Conc: 19.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.831 min
Delta R.T.: -0.002 min
Response: 1542836
Conc: 19.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.745 min
Delta R.T.: -0.002 min
Response: 1669397
Conc: 20.26 ug/ml