

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101821AL\
 Data File : FC056262.D
 Signal(s) : FID1A.CH
 Acq On : 19 Oct 2021 17:38
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 20 00:20:42 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)	11.629	1898065	15.996 ug/ml
Spiked Amount 50.000		Recovery =	31.99%
12) S 1-chlorooctadecane (S...	13.060	1461547	15.908 ug/ml
Spiked Amount 50.000		Recovery =	31.82%
Target Compounds			
1) T n-Nonane (C9)	3.385	2010617	18.841 ug/ml
2) T n-Decane (C10)	4.452	2002689	18.735 ug/ml
3) T A~Naphthalene (C11.7)	6.044	2156681	17.924 ug/ml
4) T n-Dodecane (C12)	6.471	1977497	18.219 ug/ml
5) T A~2-methylnaphthalene...	7.102	2090926	17.213 ug/ml
6) T n-Tetradecane (C14)	8.267	1940755	17.542 ug/ml
7) T n-Hexadecane (C16)	9.867	1879298	16.978 ug/ml
8) T n-Octadecane (C18)	11.308	1862351	16.640 ug/ml
10) T n-Eicosane (C20)	12.614	1774462	16.246 ug/ml
11) T n-Heneicosane (C21)	13.226	1756215	16.153 ug/ml
13) T n-Docosane (C22)	13.811	1712466	16.035 ug/ml
14) T n-Tetracosane (C24)	14.910	1683880	16.103 ug/ml
15) T n-Hexacosane (C26)	15.928	1645853	16.381 ug/ml
16) T n-Octacosane (C28)	16.874	1643964	16.996 ug/ml
17) T n-Tricontane (C30)	17.759	1639389	17.669 ug/ml
18) T n-Dotriacontane (C32)	18.588	1625569	18.284 ug/ml
19) T n-Tetratriacontane (C34)	19.368	1596906	18.464 ug/ml
20) T n-Hexatriacontane (C36)	20.104	1493044	18.274 ug/ml
21) T n-Octatriacontane (C38)	20.841	1426678	17.903 ug/ml
22) T n-Tetracontane (C40)	21.759	1411322	17.606 ug/ml

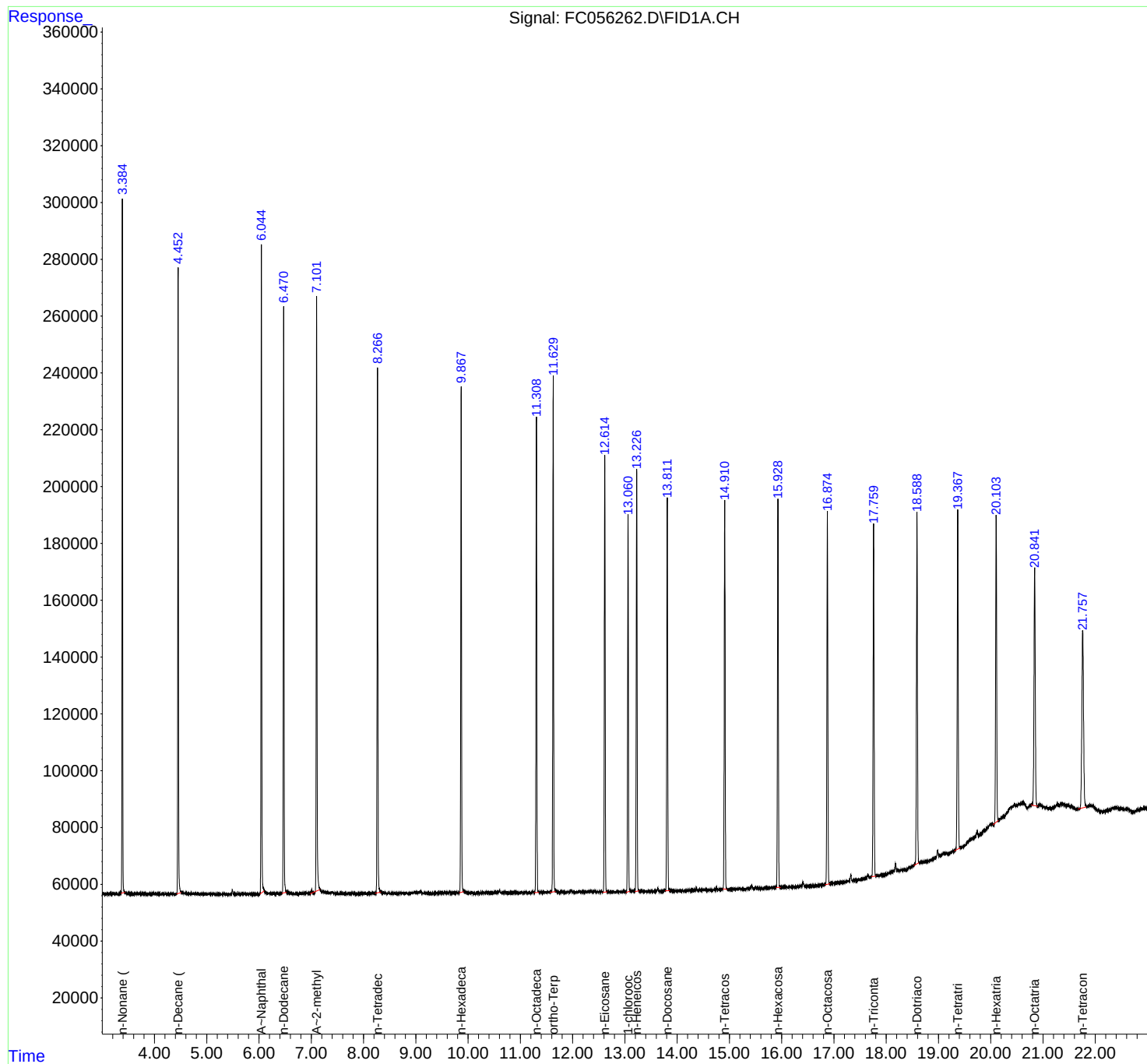
(f)=RT Delta > 1/2 Window

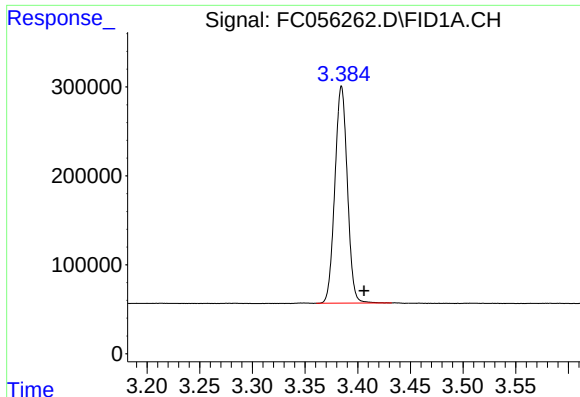
(m)=manual int.

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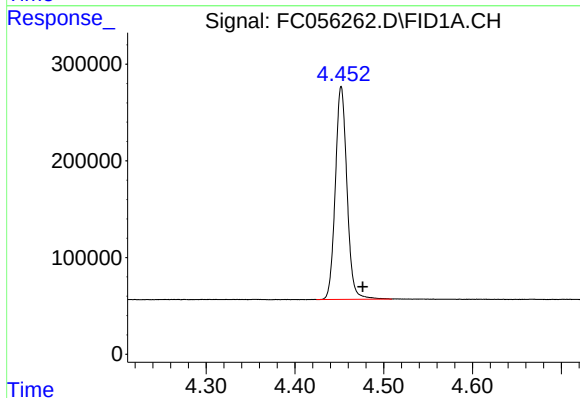
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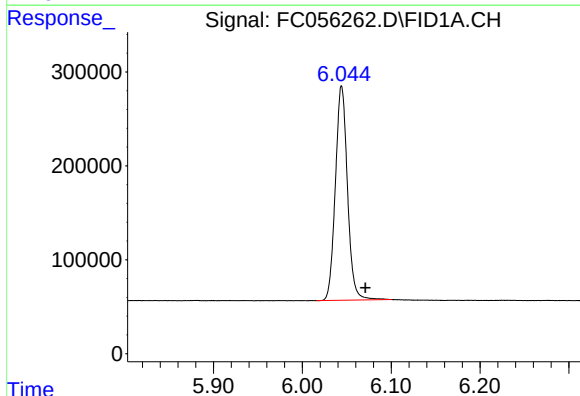
#1 n-Nonane (C9)

R.T.: 3.385 min
Delta R.T.: -0.021 min
Response: 2010617
Conc: 18.84 ug/ml



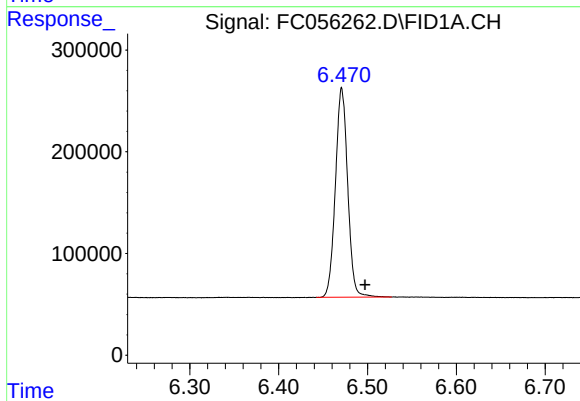
#2 n-Decane (C10)

R.T.: 4.452 min
Delta R.T.: -0.024 min
Response: 2002689
Conc: 18.74 ug/ml



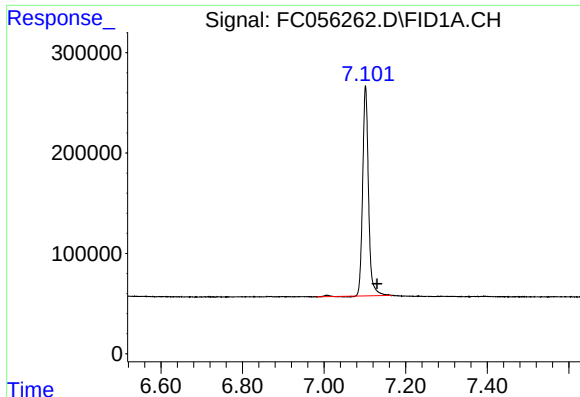
#3 A~Naphthalene (C11.7)

R.T.: 6.044 min
Delta R.T.: -0.027 min
Response: 2156681
Conc: 17.92 ug/ml



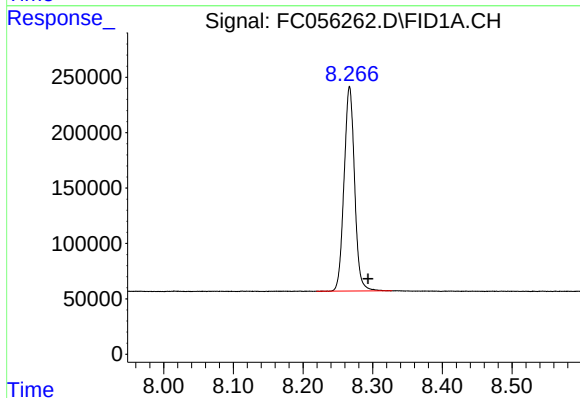
#4 n-Dodecane (C12)

R.T.: 6.471 min
Delta R.T.: -0.026 min
Response: 1977497
Conc: 18.22 ug/ml



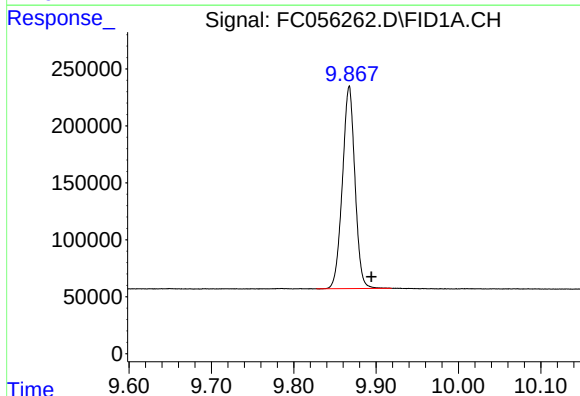
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.102 min
Delta R.T.: -0.028 min
Response: 2090926
Conc: 17.21 ug/ml



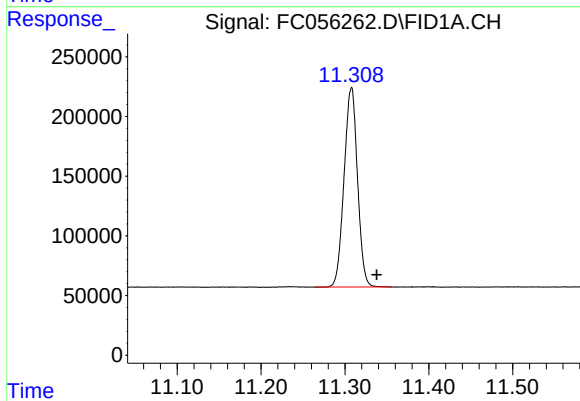
#6 n-Tetradecane (C14)

R.T.: 8.267 min
Delta R.T.: -0.027 min
Response: 1940755
Conc: 17.54 ug/ml



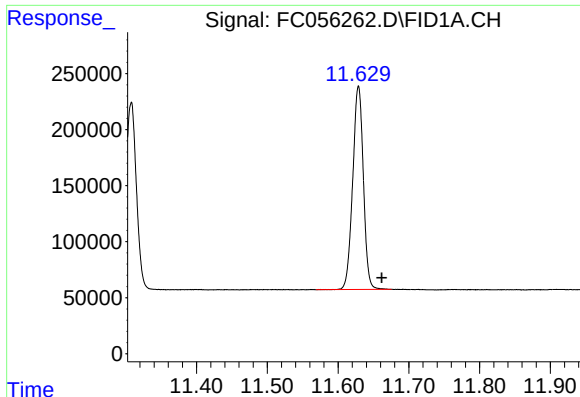
#7 n-Hexadecane (C16)

R.T.: 9.867 min
Delta R.T.: -0.027 min
Response: 1879298
Conc: 16.98 ug/ml



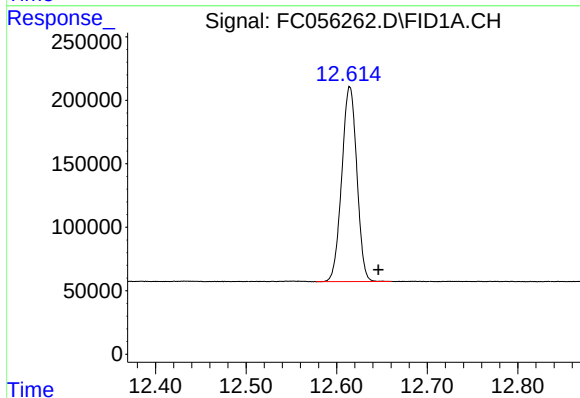
#8 n-Octadecane (C18)

R.T.: 11.308 min
Delta R.T.: -0.030 min
Response: 1862351
Conc: 16.64 ug/ml



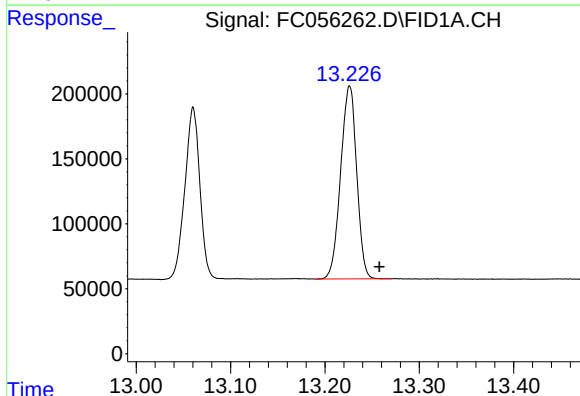
#9 ortho-Terphenyl (SURR)

R.T.: 11.629 min
Delta R.T.: -0.033 min
Response: 1898065
Conc: 16.00 ug/ml



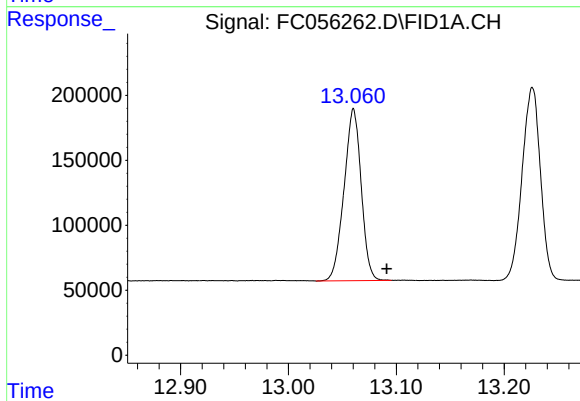
#10 n-Eicosane (C20)

R.T.: 12.614 min
Delta R.T.: -0.031 min
Response: 1774462
Conc: 16.25 ug/ml



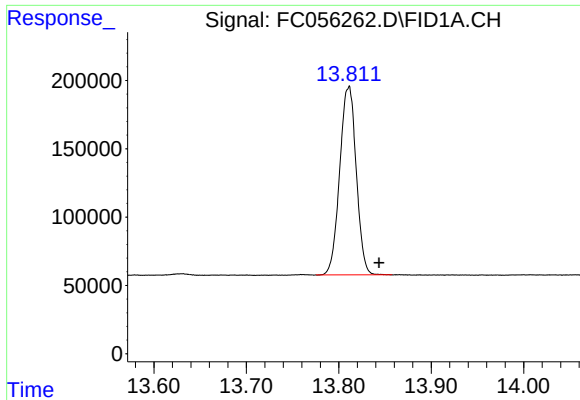
#11 n-Heneicosane (C21)

R.T.: 13.226 min
Delta R.T.: -0.032 min
Response: 1756215
Conc: 16.15 ug/ml



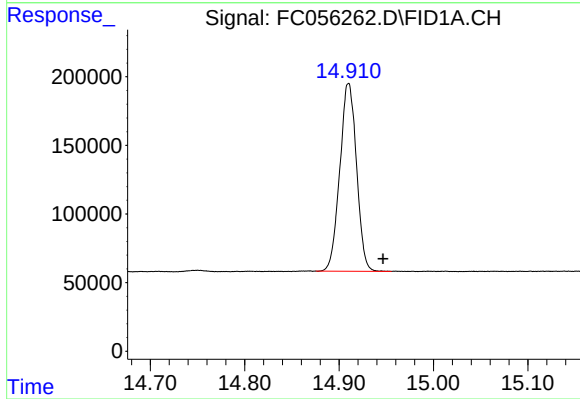
#12 1-chlorooctadecane (SURR)

R.T.: 13.060 min
Delta R.T.: -0.031 min
Response: 1461547
Conc: 15.91 ug/ml



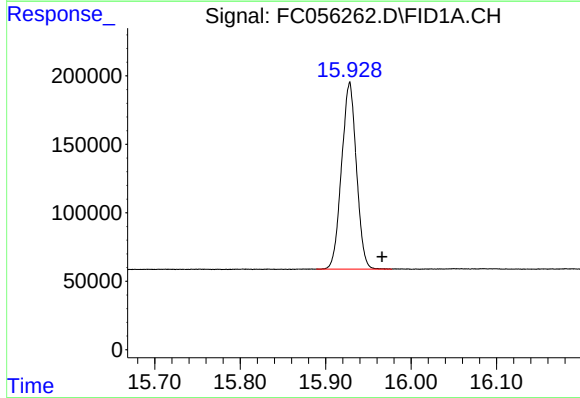
#13 n-Docosane (C22)

R.T.: 13.811 min
Delta R.T.: -0.033 min
Response: 1712466
Conc: 16.03 ug/ml



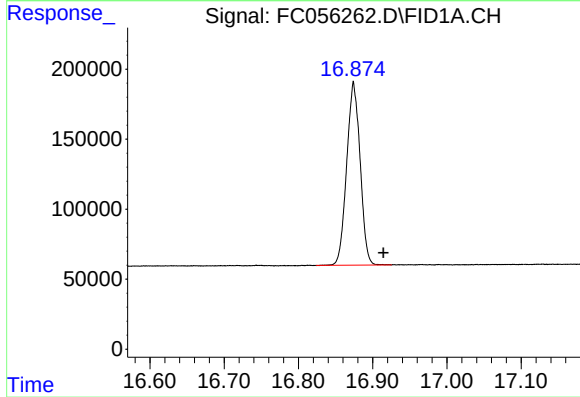
#14 n-Tetracosane (C24)

R.T.: 14.910 min
Delta R.T.: -0.036 min
Response: 1683880
Conc: 16.10 ug/ml



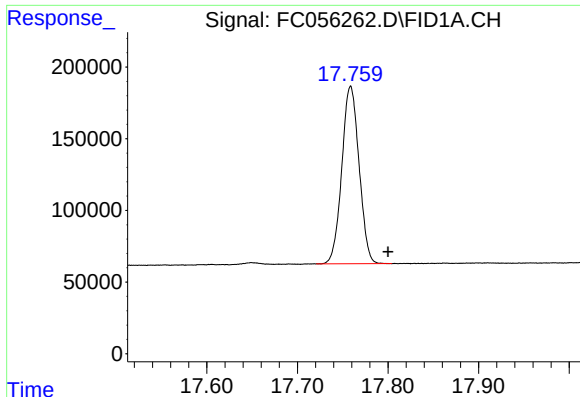
#15 n-Hexacosane (C26)

R.T.: 15.928 min
Delta R.T.: -0.038 min
Response: 1645853
Conc: 16.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.874 min
Delta R.T.: -0.040 min
Response: 1643964
Conc: 17.00 ug/ml



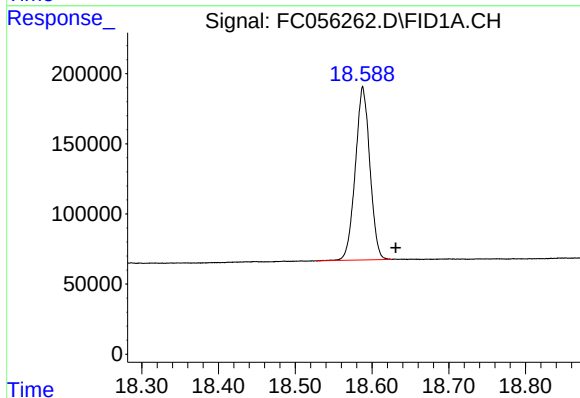
#17 n-Tricontane (C30)

R.T.: 17.759 min

Delta R.T.: -0.041 min

Response: 1639389

Conc: 17.67 ug/ml



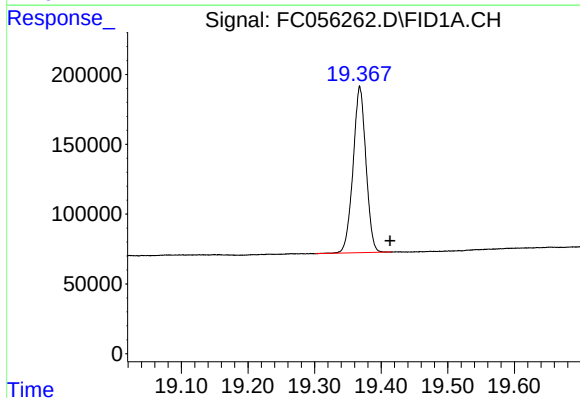
#18 n-Dotriacontane (C32)

R.T.: 18.588 min

Delta R.T.: -0.043 min

Response: 1625569

Conc: 18.28 ug/ml



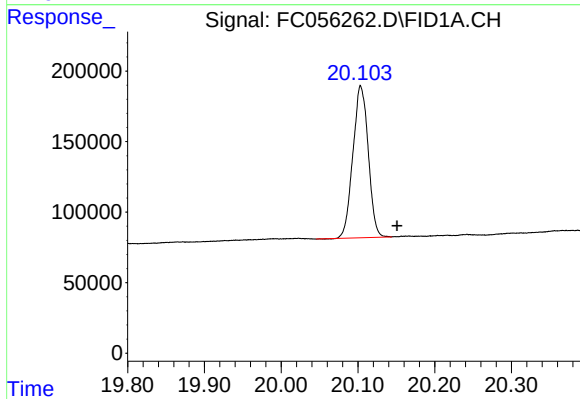
#19 n-Tetratriacontane (C34)

R.T.: 19.368 min

Delta R.T.: -0.045 min

Response: 1596906

Conc: 18.46 ug/ml



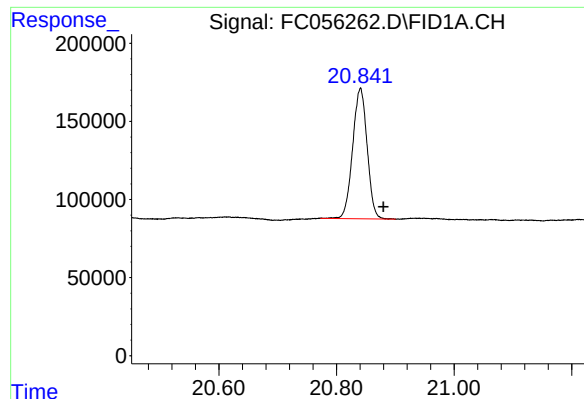
#20 n-Hexatriacontane (C36)

R.T.: 20.104 min

Delta R.T.: -0.047 min

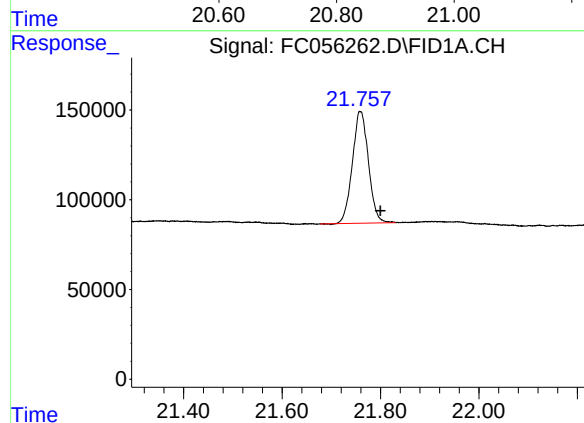
Response: 1493044

Conc: 18.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.841 min
Delta R.T.: -0.039 min
Response: 1426678
Conc: 17.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.759 min
Delta R.T.: -0.041 min
Response: 1411322
Conc: 17.61 ug/ml