

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102221AL\
 Data File : FC056302.D
 Signal(s) : FID1A.CH
 Acq On : 21 Oct 2021 11:32
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 22 02:07:25 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)	11.623	2476296	19.999 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.054	1923152	19.986 ug/ml
Spiked Amount 50.000		Recovery =	39.97%
Target Compounds			
1) T n-Nonane (C9)	3.383	2153802	19.900 ug/ml
2) T n-Decane (C10)	4.450	2163960	20.089 ug/ml
3) T A~Naphthalene (C11.7)	6.040	2443759	20.044 ug/ml
4) T n-Dodecane (C12)	6.468	2202313	19.978 ug/ml
5) T A~2-methylnaphthalene...	7.097	2449807	20.005 ug/ml
6) T n-Tetradecane (C14)	8.263	2236259	19.919 ug/ml
7) T n-Hexadecane (C16)	9.862	2256380	19.847 ug/ml
8) T n-Octadecane (C18)	11.303	2334193	19.975 ug/ml
10) T n-Eicosane (C20)	12.610	2299434	20.008 ug/ml
11) T n-Heneicosane (C21)	13.220	2303447	20.043 ug/ml
13) T n-Docosane (C22)	13.805	2258076	20.057 ug/ml
14) T n-Tetracosane (C24)	14.904	2222976	20.172 ug/ml
15) T n-Hexacosane (C26)	15.922	2121040	20.096 ug/ml
16) T n-Octacosane (C28)	16.868	2040101	19.668 ug/ml
17) T n-Tricontane (C30)	17.752	1946280	18.785 ug/ml
18) T n-Dotriacontane (C32)	18.581	1819034	18.986 ug/ml
19) T n-Tetratriacontane (C34)	19.360	1737771	19.813 ug/ml
20) T n-Hexatriacontane (C36)	20.095	1636285	19.991 ug/ml
21) T n-Octatriacontane (C38)	20.831	1587740	19.853 ug/ml
22) T n-Tetracontane (C40)	21.746	1621811	19.685 ug/ml

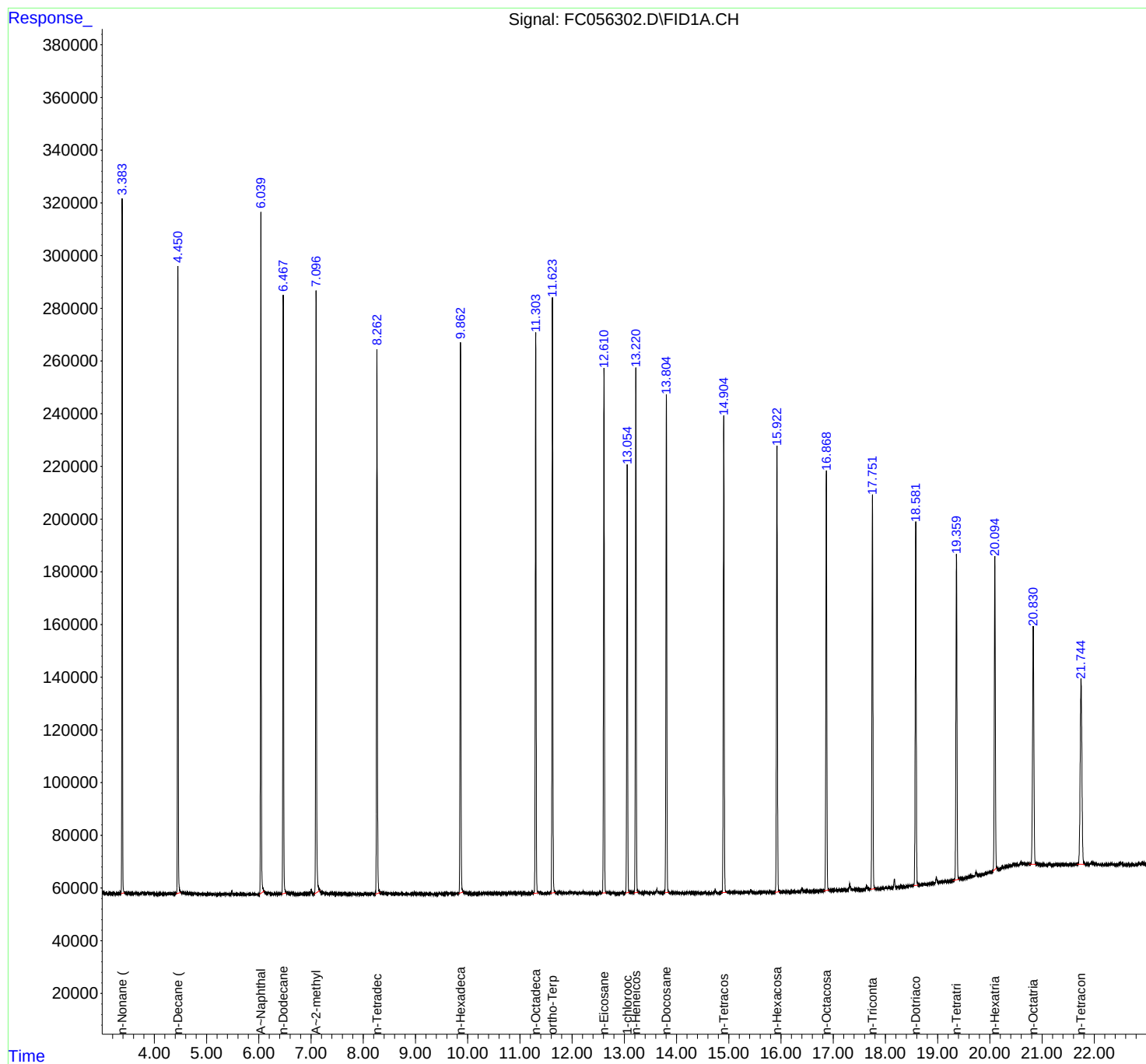
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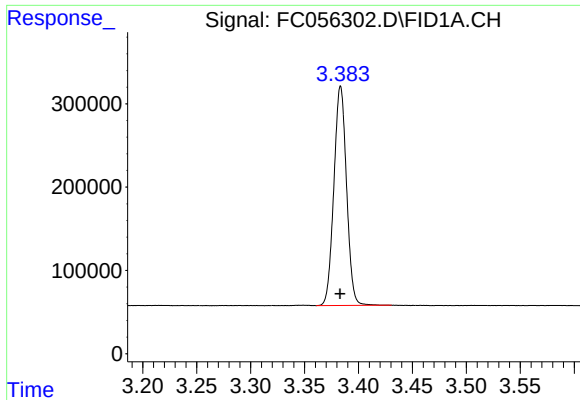
(m)=manual int.

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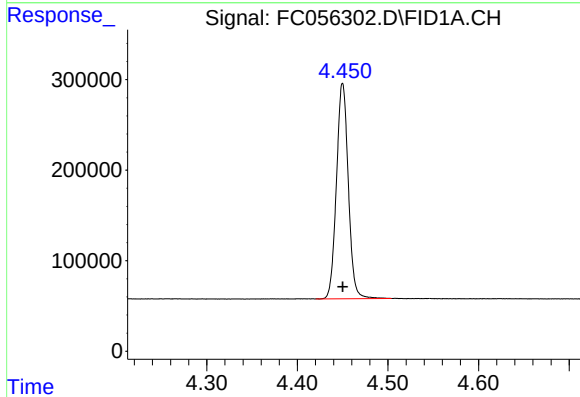
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





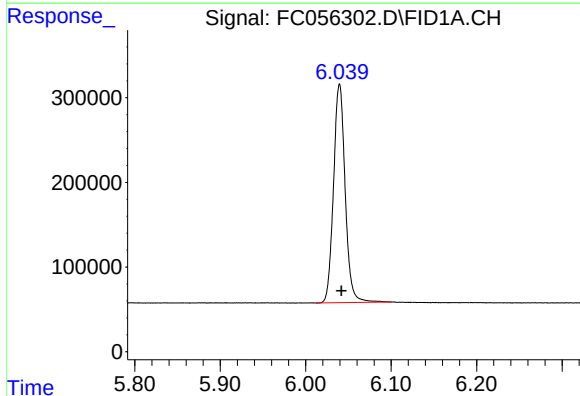
#1 n-Nonane (C9)

R.T.: 3.383 min
Delta R.T.: 0.000 min
Response: 2153802
Conc: 19.90 ug/ml



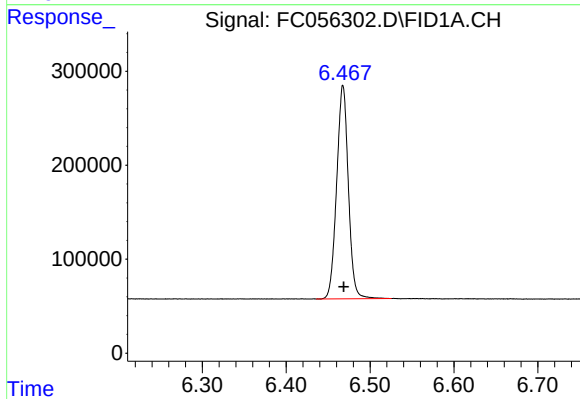
#2 n-Decane (C10)

R.T.: 4.450 min
Delta R.T.: 0.000 min
Response: 2163960
Conc: 20.09 ug/ml



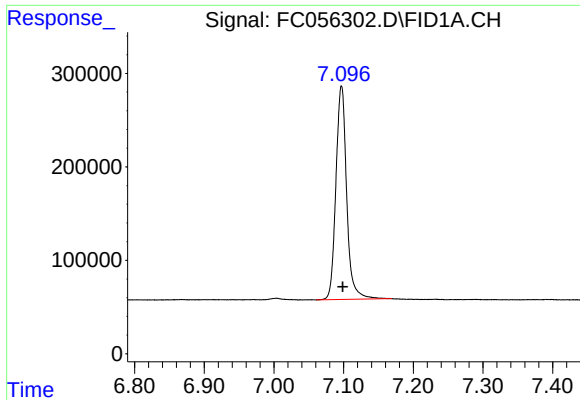
#3 A~Naphthalene (C11.7)

R.T.: 6.040 min
Delta R.T.: -0.002 min
Response: 2443759
Conc: 20.04 ug/ml



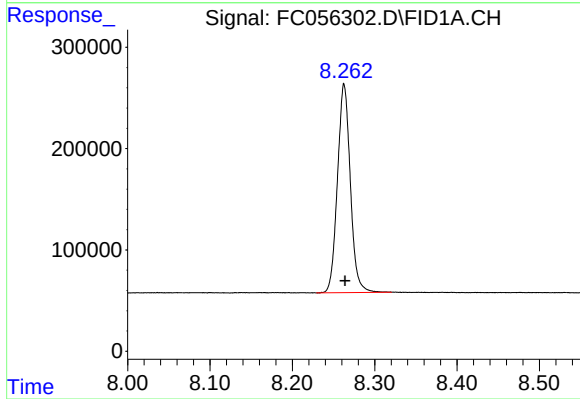
#4 n-Dodecane (C12)

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 2202313
Conc: 19.98 ug/ml



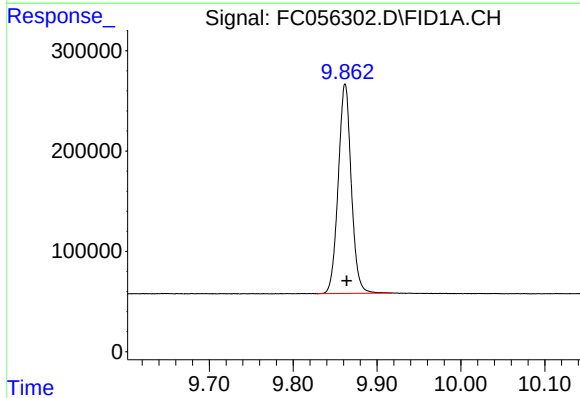
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.097 min
Delta R.T.: -0.002 min
Response: 2449807
Conc: 20.00 ug/ml



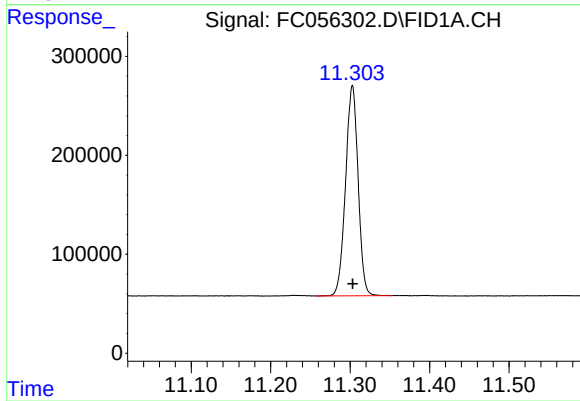
#6 n-Tetradecane (C14)

R.T.: 8.263 min
Delta R.T.: 0.000 min
Response: 2236259
Conc: 19.92 ug/ml



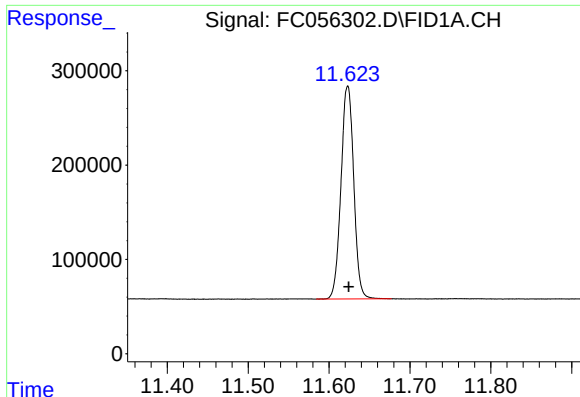
#7 n-Hexadecane (C16)

R.T.: 9.862 min
Delta R.T.: -0.002 min
Response: 2256380
Conc: 19.85 ug/ml



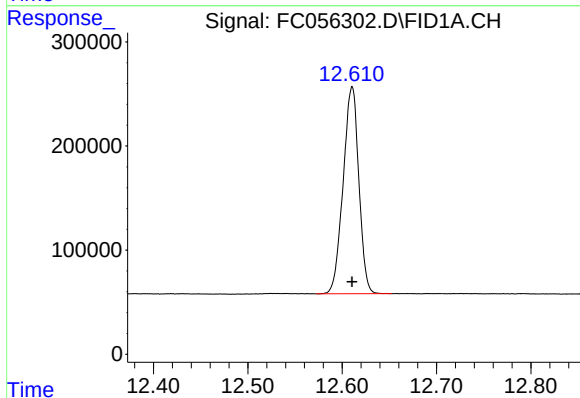
#8 n-Octadecane (C18)

R.T.: 11.303 min
Delta R.T.: 0.000 min
Response: 2334193
Conc: 19.97 ug/ml



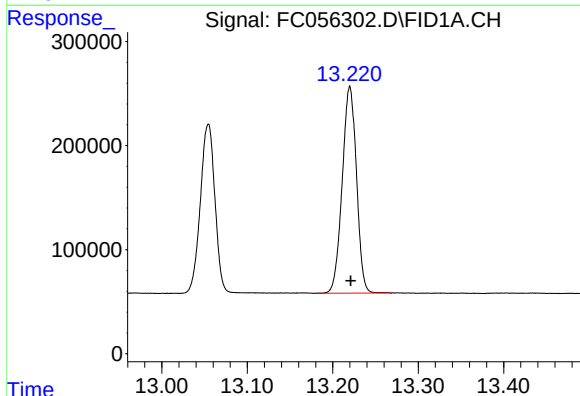
#9 ortho-Terphenyl (SURR)

R.T.: 11.623 min
Delta R.T.: -0.001 min
Response: 2476296
Conc: 20.00 ug/ml



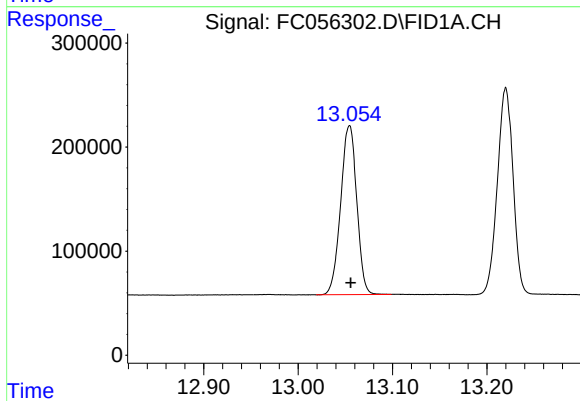
#10 n-Eicosane (C20)

R.T.: 12.610 min
Delta R.T.: 0.000 min
Response: 2299434
Conc: 20.01 ug/ml



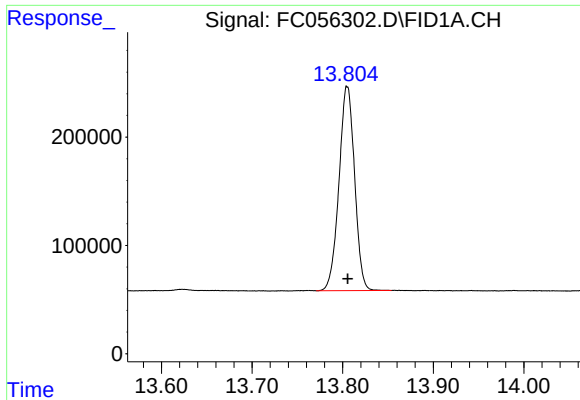
#11 n-Heneicosane (C21)

R.T.: 13.220 min
Delta R.T.: -0.001 min
Response: 2303447
Conc: 20.04 ug/ml



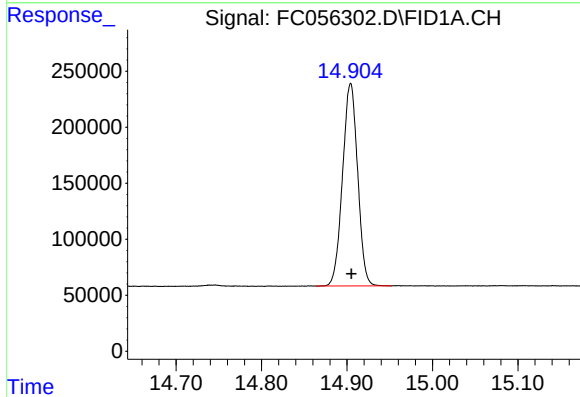
#12 1-chlorooctadecane (SURR)

R.T.: 13.054 min
Delta R.T.: -0.001 min
Response: 1923152
Conc: 19.99 ug/ml



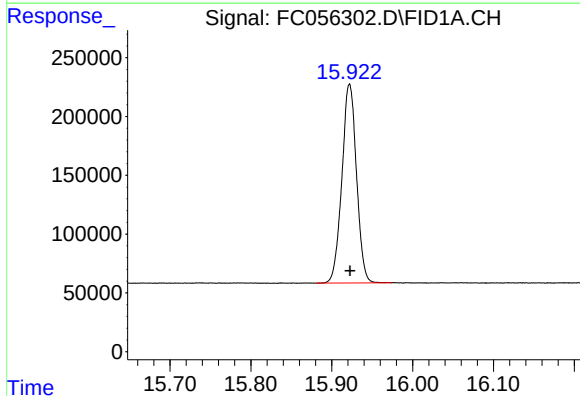
#13 n-Docosane (C22)

R.T.: 13.805 min
Delta R.T.: 0.000 min
Response: 2258076
Conc: 20.06 ug/ml



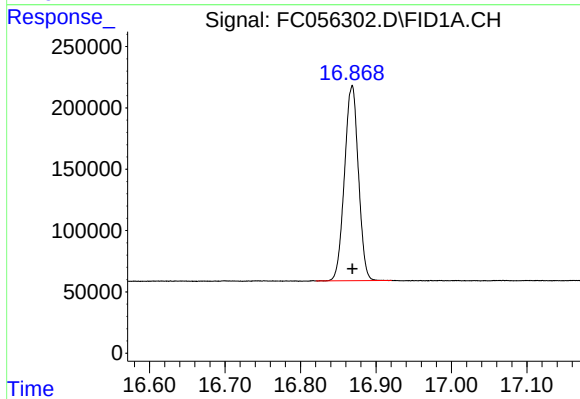
#14 n-Tetracosane (C24)

R.T.: 14.904 min
Delta R.T.: 0.000 min
Response: 2222976
Conc: 20.17 ug/ml



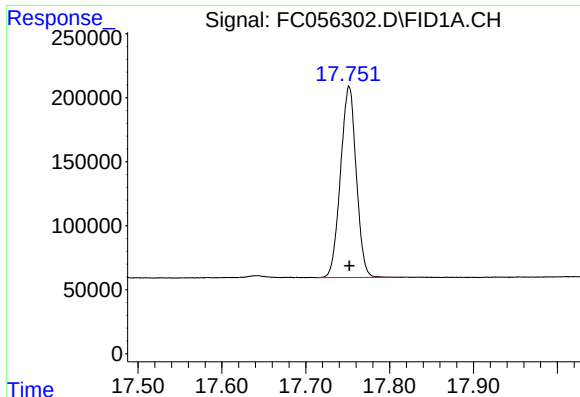
#15 n-Hexacosane (C26)

R.T.: 15.922 min
Delta R.T.: 0.000 min
Response: 2121040
Conc: 20.10 ug/ml



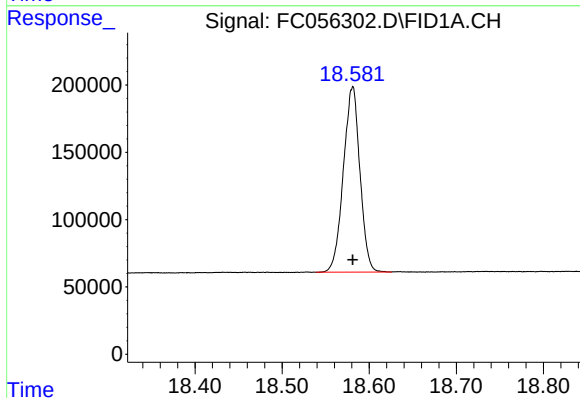
#16 n-Octacosane (C28)

R.T.: 16.868 min
Delta R.T.: 0.000 min
Response: 2040101
Conc: 19.67 ug/ml



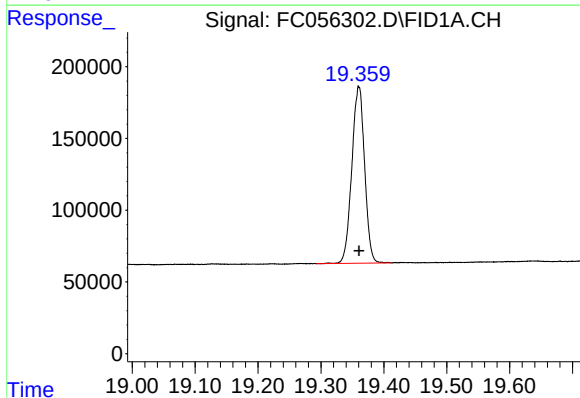
#17 n-Tricontane (C30)

R.T.: 17.752 min
Delta R.T.: 0.000 min
Response: 1946280
Conc: 18.78 ug/ml



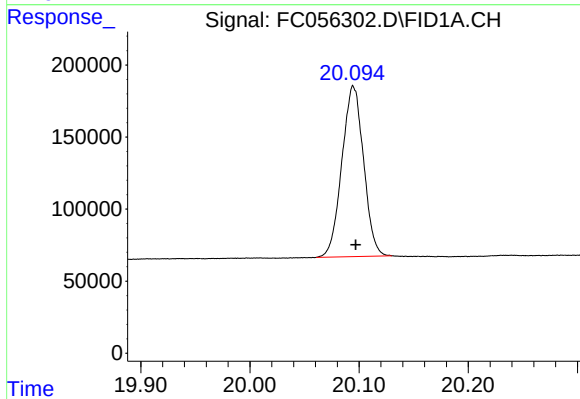
#18 n-Dotriacontane (C32)

R.T.: 18.581 min
Delta R.T.: 0.000 min
Response: 1819034
Conc: 18.99 ug/ml



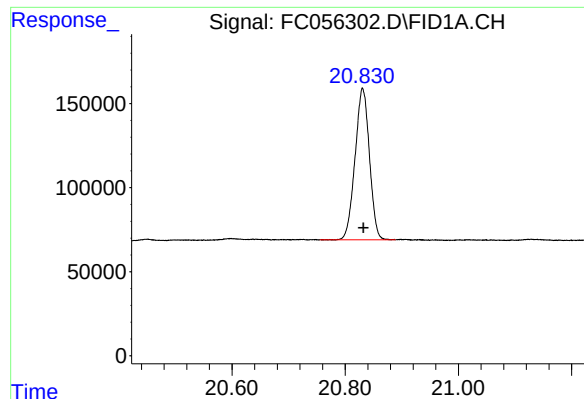
#19 n-Tetratriacontane (C34)

R.T.: 19.360 min
Delta R.T.: 0.000 min
Response: 1737771
Conc: 19.81 ug/ml



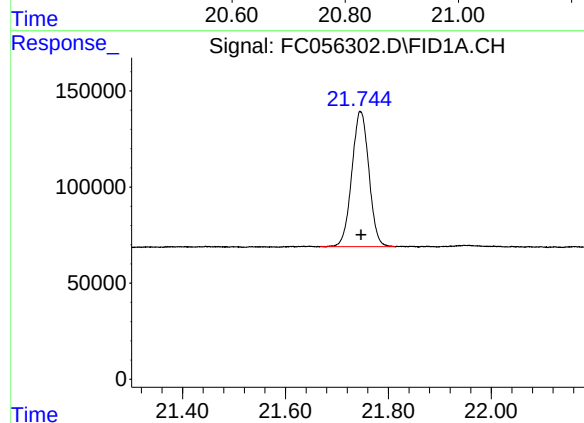
#20 n-Hexatriacontane (C36)

R.T.: 20.095 min
Delta R.T.: -0.002 min
Response: 1636285
Conc: 19.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.831 min
Delta R.T.: -0.001 min
Response: 1587740
Conc: 19.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.746 min
Delta R.T.: 0.000 min
Response: 1621811
Conc: 19.68 ug/ml