

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110321AL\
 Data File : FC056607.D
 Signal(s) : FID1A.CH
 Acq On : 03 Nov 2021 13:19
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 03 13:48:31 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)	11.614	2162333	17.464 ug/ml
Spiked Amount 50.000		Recovery =	34.93%
12) S 1-chlorooctadecane (S...	13.045	1722633	17.902 ug/ml
Spiked Amount 50.000		Recovery =	35.80%
Target Compounds			
1) T n-Nonane (C9)	3.374	2193253	20.264 ug/ml
2) T n-Decane (C10)	4.442	2196106	20.387 ug/ml
3) T A~Naphthalene (C11.7)	6.032	2420667	19.854 ug/ml
4) T n-Dodecane (C12)	6.459	2237804	20.300 ug/ml
5) T A~2-methylnaphthalene...	7.089	2454408	20.042 ug/ml
6) T n-Tetradecane (C14)	8.254	2220491	19.779 ug/ml
7) T n-Hexadecane (C16)	9.853	2219624	19.524 ug/ml
8) T n-Octadecane (C18)	11.293	2201288	18.837 ug/ml
10) T n-Eicosane (C20)	12.600	2121595	18.460 ug/ml
11) T n-Heneicosane (C21)	13.211	2094238	18.223 ug/ml
13) T n-Docosane (C22)	13.796	2047466	18.186 ug/ml
14) T n-Tetracosane (C24)	14.894	1946745	17.665 ug/ml
15) T n-Hexacosane (C26)	15.912	1870457	17.722 ug/ml
16) T n-Octacosane (C28)	16.858	1753958	16.909 ug/ml
17) T n-Tricontane (C30)	17.743	1824911	17.614 ug/ml
18) T n-Dotriacontane (C32)	18.570	1817710	18.972 ug/ml
19) T n-Tetratriacontane (C34)	19.350	1766535	20.141 ug/ml
20) T n-Hexatriacontane (C36)	20.085	1768182	21.602 ug/ml
21) T n-Octatriacontane (C38)	20.818	1743664	21.802 ug/ml
22) T n-Tetracontane (C40)	21.731	1710165	20.757 ug/ml

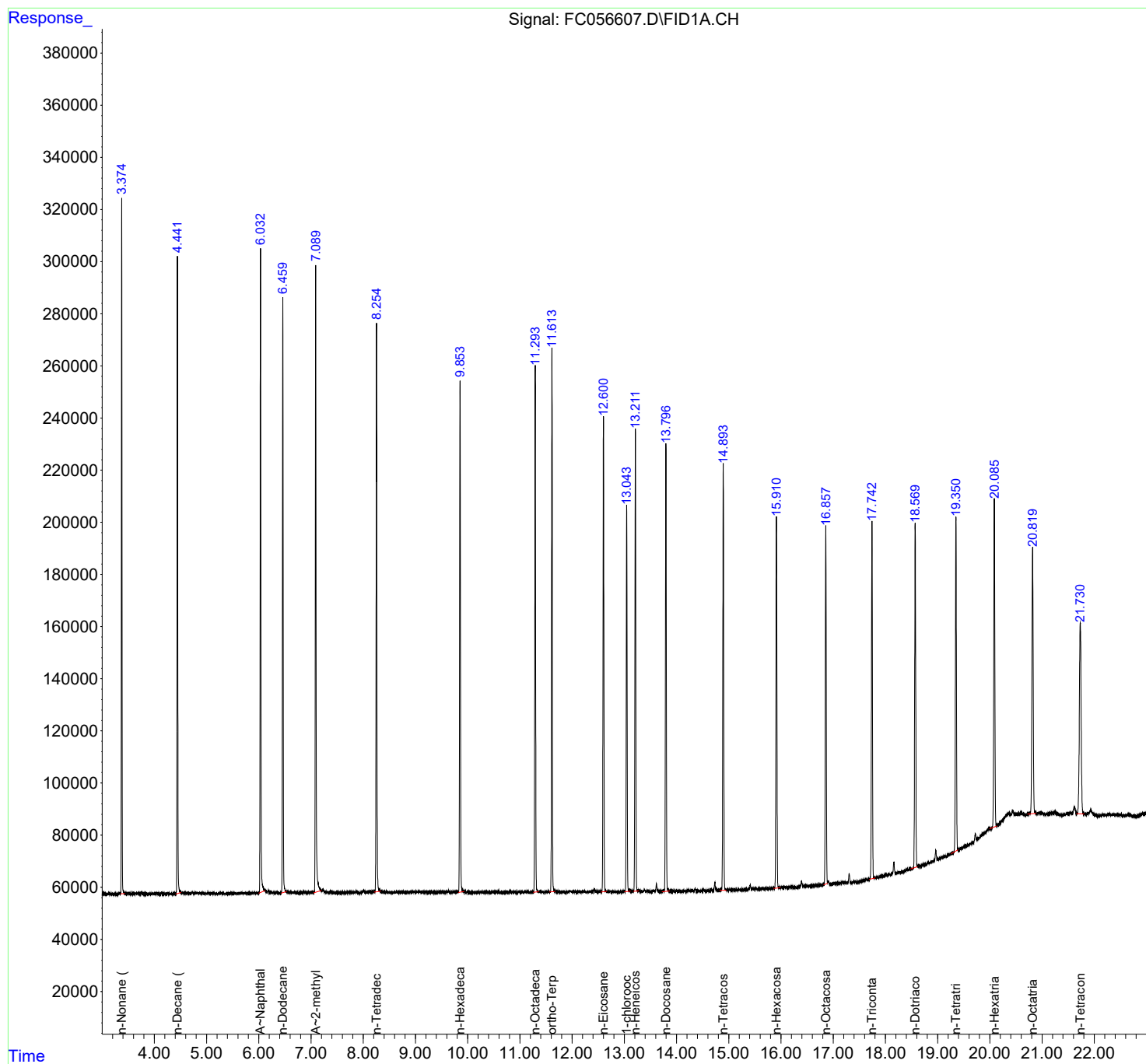
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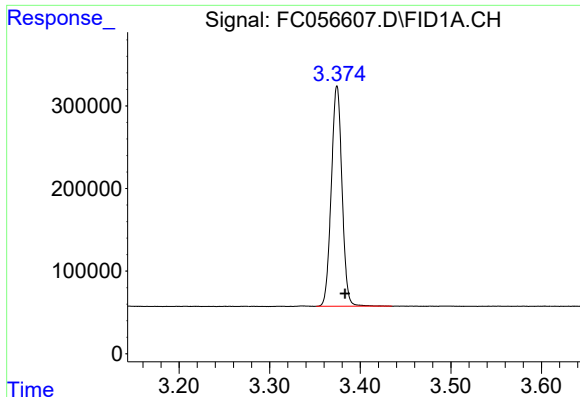
(m)=manual int.

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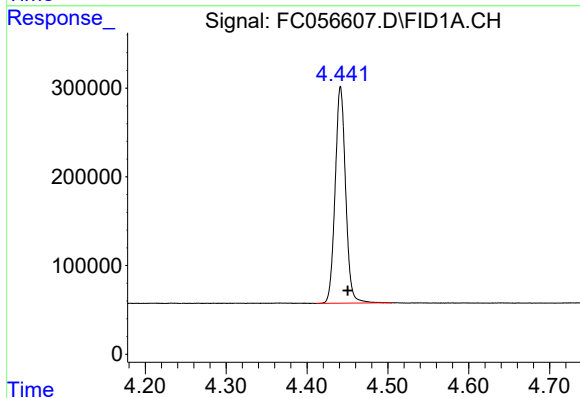
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Signal Info : 20M x 0.18mm x 0.18um





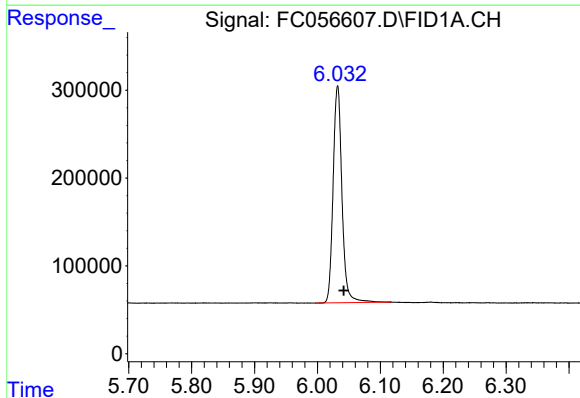
#1 n-Nonane (C9)

R.T.: 3.374 min
Delta R.T.: -0.009 min
Response: 2193253
Conc: 20.26 ug/ml



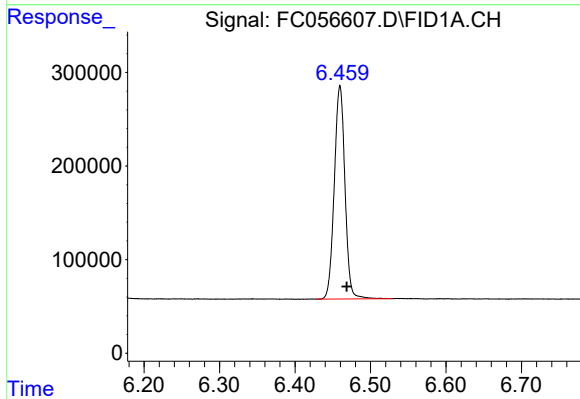
#2 n-Decane (C10)

R.T.: 4.442 min
Delta R.T.: -0.009 min
Response: 2196106
Conc: 20.39 ug/ml



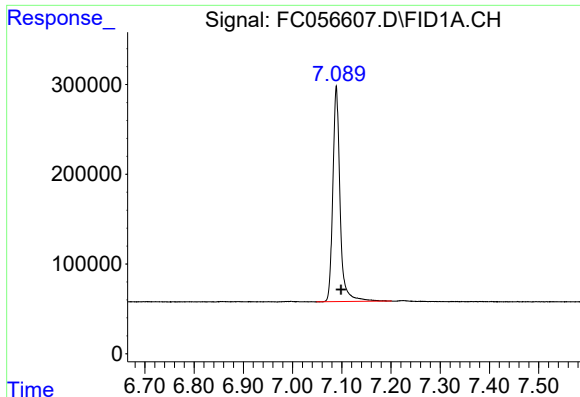
#3 A~Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.010 min
Response: 2420667
Conc: 19.85 ug/ml



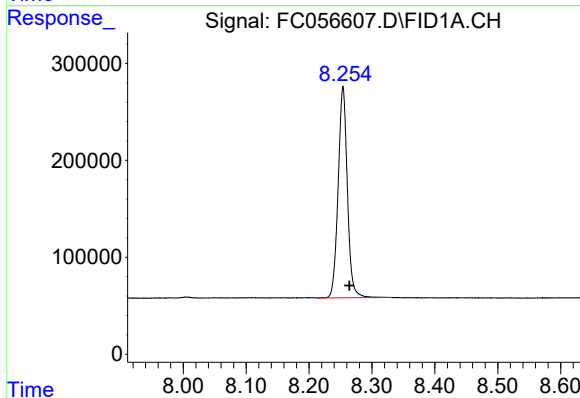
#4 n-Dodecane (C12)

R.T.: 6.459 min
Delta R.T.: -0.009 min
Response: 2237804
Conc: 20.30 ug/ml



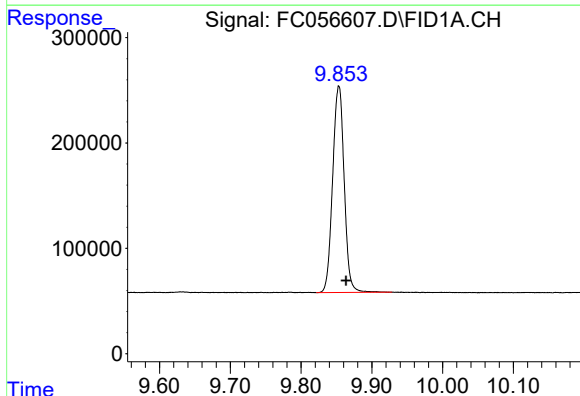
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.089 min
Delta R.T.: -0.010 min
Response: 2454408
Conc: 20.04 ug/ml



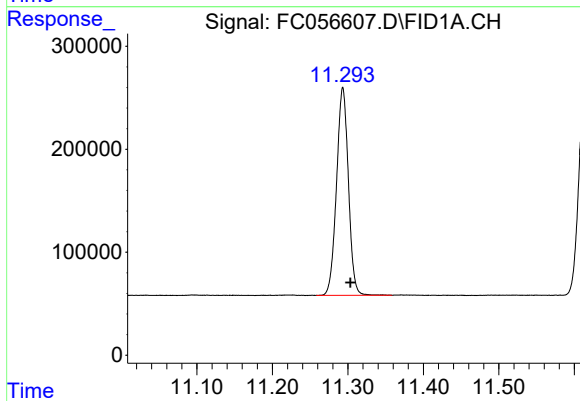
#6 n-Tetradecane (C14)

R.T.: 8.254 min
Delta R.T.: -0.010 min
Response: 2220491
Conc: 19.78 ug/ml



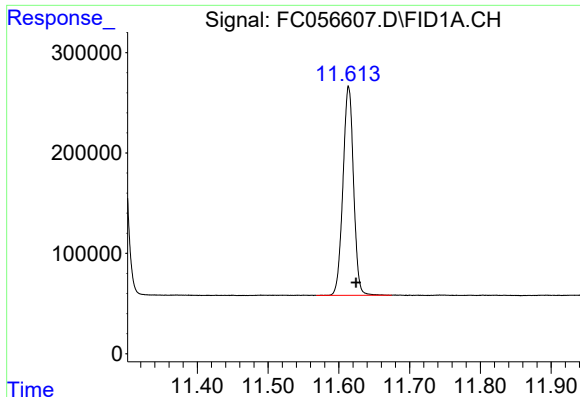
#7 n-Hexadecane (C16)

R.T.: 9.853 min
Delta R.T.: -0.010 min
Response: 2219624
Conc: 19.52 ug/ml



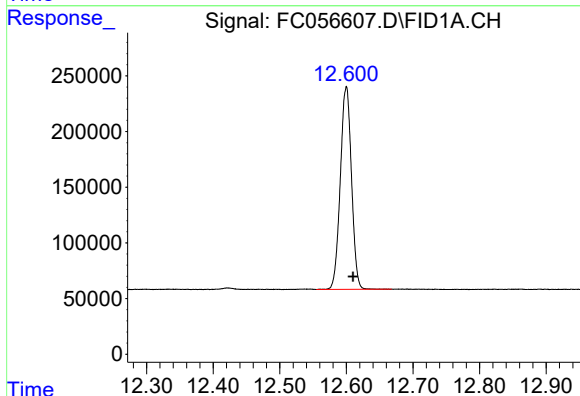
#8 n-Octadecane (C18)

R.T.: 11.293 min
Delta R.T.: -0.010 min
Response: 2201288
Conc: 18.84 ug/ml



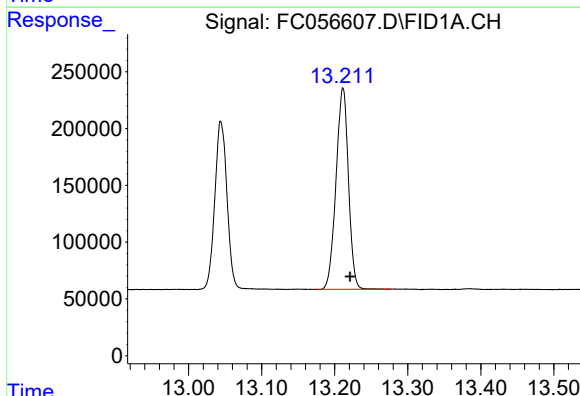
#9 ortho-Terphenyl (SURR)

R.T.: 11.614 min
Delta R.T.: -0.010 min
Response: 2162333
Conc: 17.46 ug/ml



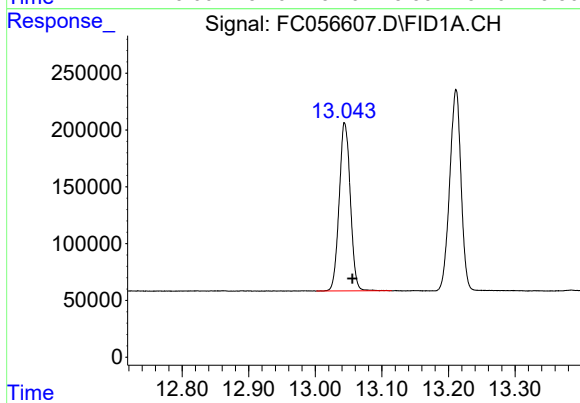
#10 n-Eicosane (C20)

R.T.: 12.600 min
Delta R.T.: -0.011 min
Response: 2121595
Conc: 18.46 ug/ml



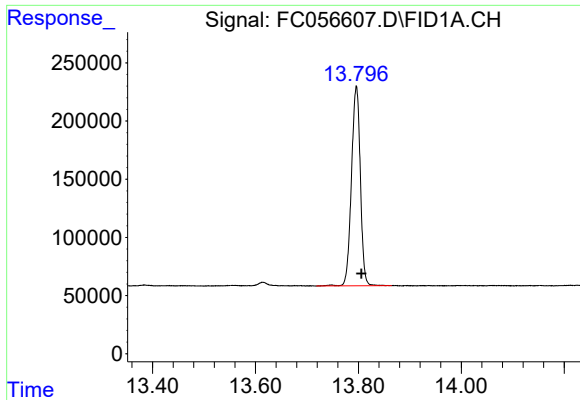
#11 n-Heneicosane (C21)

R.T.: 13.211 min
Delta R.T.: -0.010 min
Response: 2094238
Conc: 18.22 ug/ml



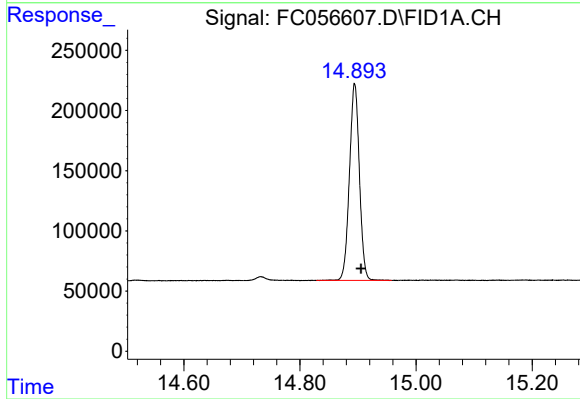
#12 1-chlorooctadecane (SURR)

R.T.: 13.045 min
Delta R.T.: -0.011 min
Response: 1722633
Conc: 17.90 ug/ml



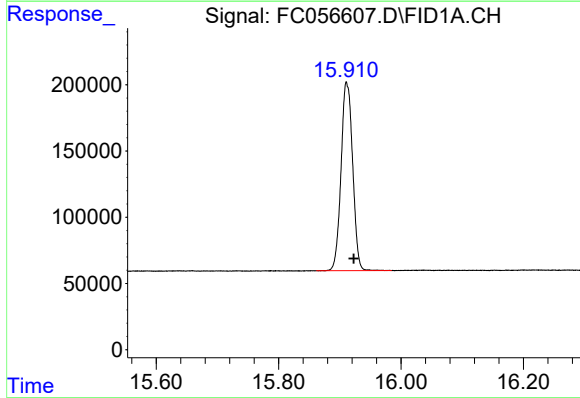
#13 n-Docosane (C22)

R.T.: 13.796 min
Delta R.T.: -0.010 min
Response: 2047466
Conc: 18.19 ug/ml



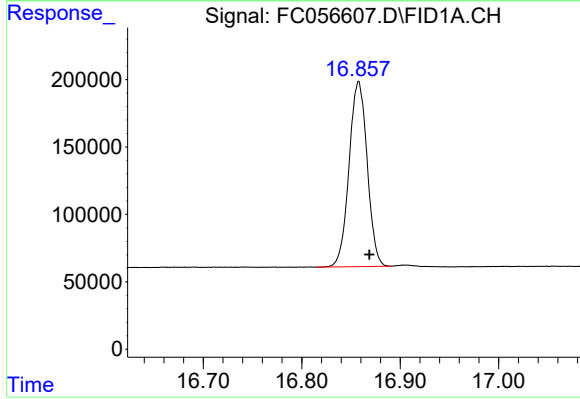
#14 n-Tetracosane (C24)

R.T.: 14.894 min
Delta R.T.: -0.011 min
Response: 1946745
Conc: 17.66 ug/ml



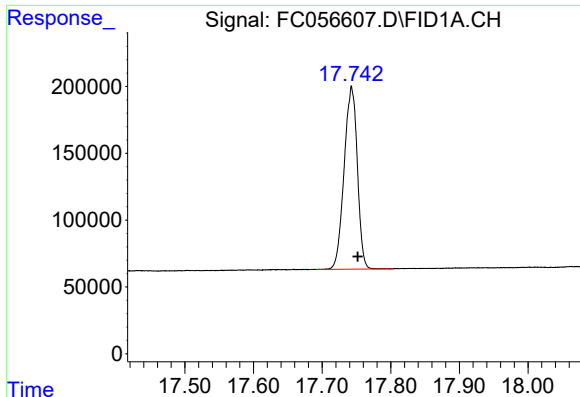
#15 n-Hexacosane (C26)

R.T.: 15.912 min
Delta R.T.: -0.011 min
Response: 1870457
Conc: 17.72 ug/ml



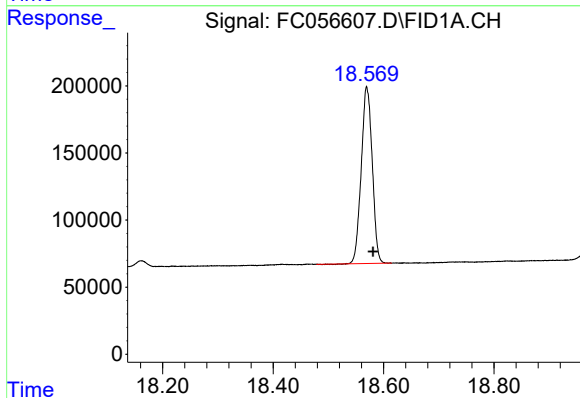
#16 n-Octacosane (C28)

R.T.: 16.858 min
Delta R.T.: -0.011 min
Response: 1753958
Conc: 16.91 ug/ml



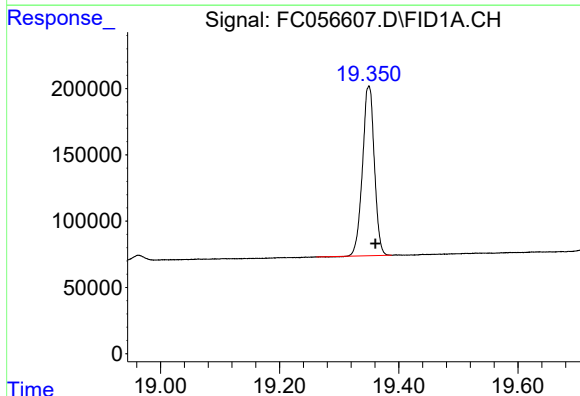
#17 n-Tricontane (C30)

R.T.: 17.743 min
Delta R.T.: -0.009 min
Response: 1824911
Conc: 17.61 ug/ml



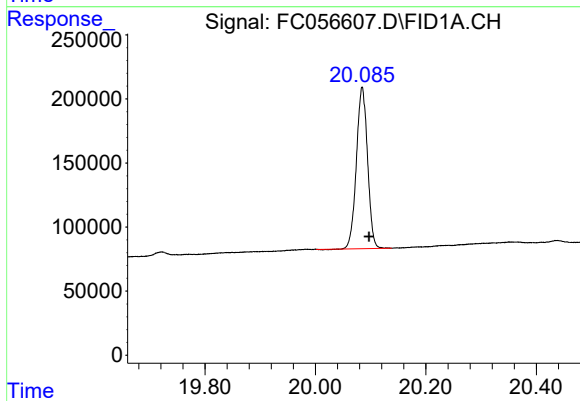
#18 n-Dotriacontane (C32)

R.T.: 18.570 min
Delta R.T.: -0.011 min
Response: 1817710
Conc: 18.97 ug/ml



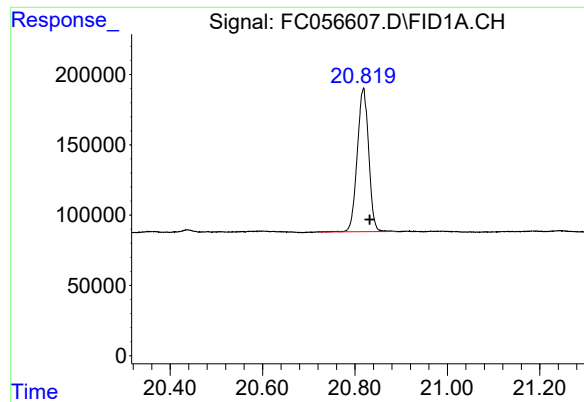
#19 n-Tetratriacontane (C34)

R.T.: 19.350 min
Delta R.T.: -0.011 min
Response: 1766535
Conc: 20.14 ug/ml



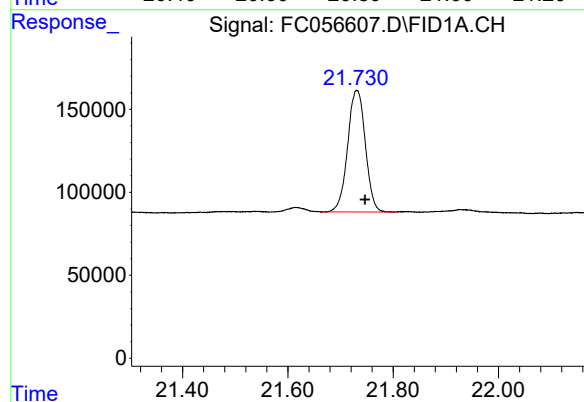
#20 n-Hexatriacontane (C36)

R.T.: 20.085 min
Delta R.T.: -0.012 min
Response: 1768182
Conc: 21.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.818 min
Delta R.T.: -0.014 min
Response: 1743664
Conc: 21.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.731 min
Delta R.T.: -0.016 min
Response: 1710165
Conc: 20.76 ug/ml