

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100421AL\
 Data File : FC055977.D
 Signal(s) : FID1A.CH
 Acq On : 05 Oct 2021 7:58
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 05 08:23:08 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)	11.653	2056632	17.332 ug/ml
Spiked Amount 50.000		Recovery =	34.66%
12) S 1-chlorooctadecane (S...	13.084	1591768	17.326 ug/ml
Spiked Amount 50.000		Recovery =	34.65%
Target Compounds			
1) T n-Nonane (C9)	3.395	2135815	20.015 ug/ml
2) T n-Decane (C10)	4.466	2130289	19.929 ug/ml
3) T A~Naphthalene (C11.7)	6.063	2312787	19.222 ug/ml
4) T n-Dodecane (C12)	6.489	2097700	19.326 ug/ml
5) T A~2-methylnaphthalene...	7.121	2278559	18.758 ug/ml
6) T n-Tetradecane (C14)	8.285	2057465	18.597 ug/ml
7) T n-Hexadecane (C16)	9.887	2007733	18.138 ug/ml
8) T n-Octadecane (C18)	11.330	1989945	17.780 ug/ml
10) T n-Eicosane (C20)	12.638	1905825	17.448 ug/ml
11) T n-Heneicosane (C21)	13.250	1895723	17.436 ug/ml
13) T n-Docosane (C22)	13.835	1856144	17.380 ug/ml
14) T n-Tetracosane (C24)	14.938	1835888	17.557 ug/ml
15) T n-Hexacosane (C26)	15.957	1796422	17.879 ug/ml
16) T n-Octacosane (C28)	16.906	1793322	18.540 ug/ml
17) T n-Tricontane (C30)	17.792	1790354	19.296 ug/ml
18) T n-Dotriacontane (C32)	18.623	1790633	20.141 ug/ml
19) T n-Tetratriacontane (C34)	19.404	1774625	20.519 ug/ml
20) T n-Hexatriacontane (C36)	20.142	1720828	21.062 ug/ml
21) T n-Octatriacontane (C38)	20.887	1680079	21.083 ug/ml
22) T n-Tetracontane (C40)	21.816	1673106	20.872 ug/ml

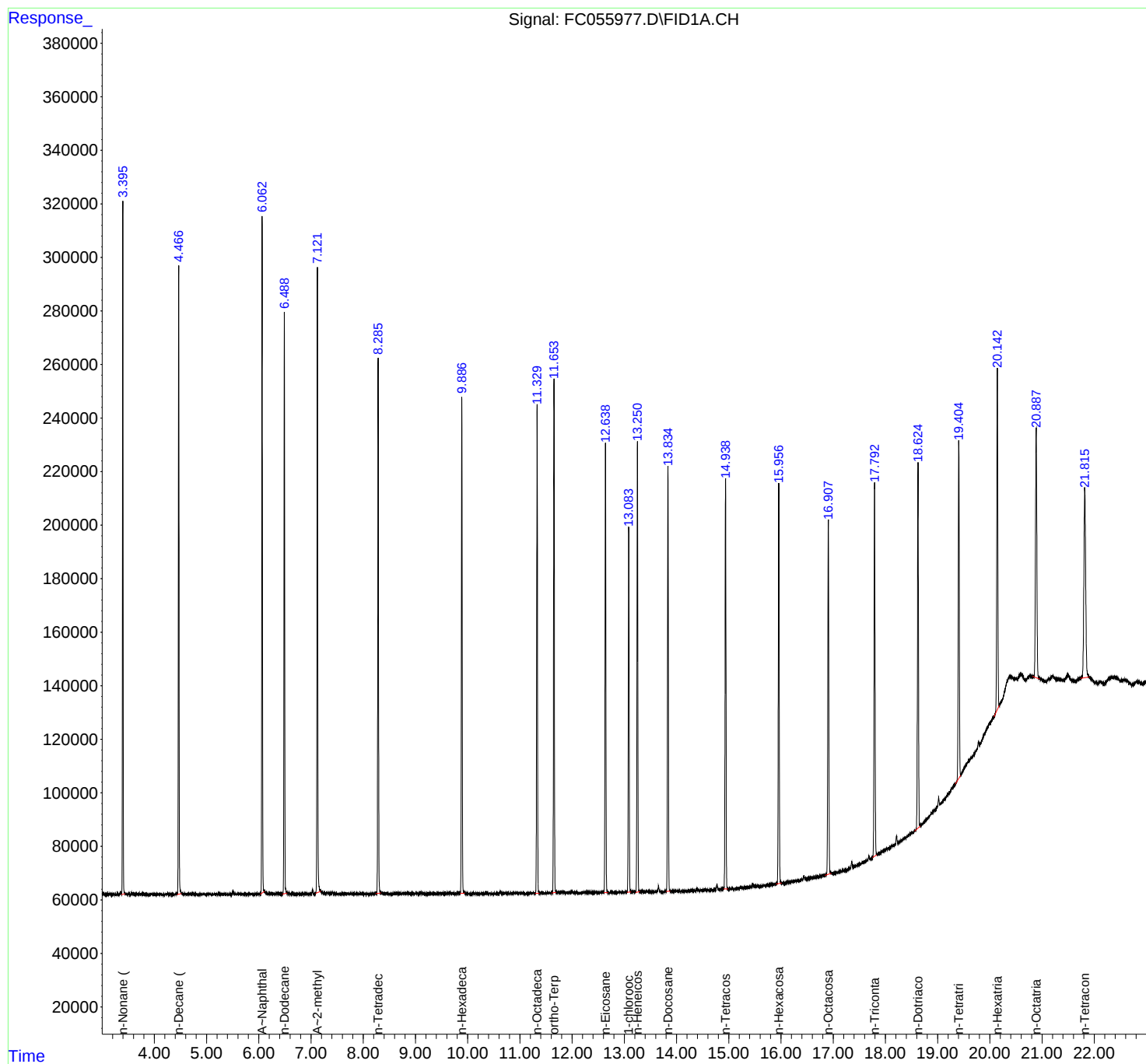
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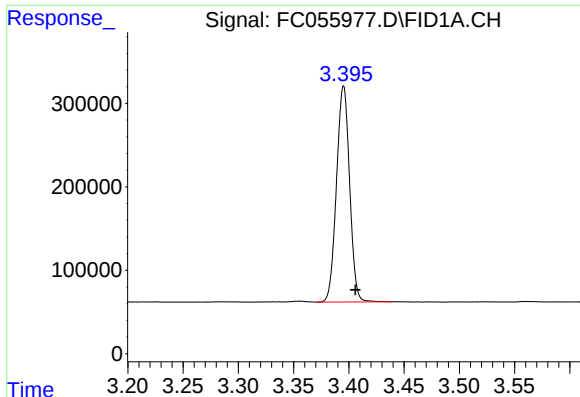
(m)=manual int.

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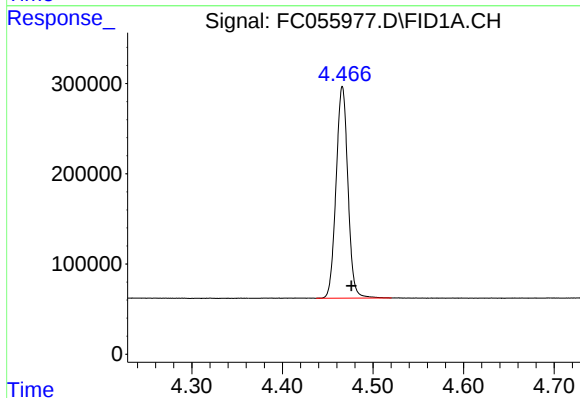
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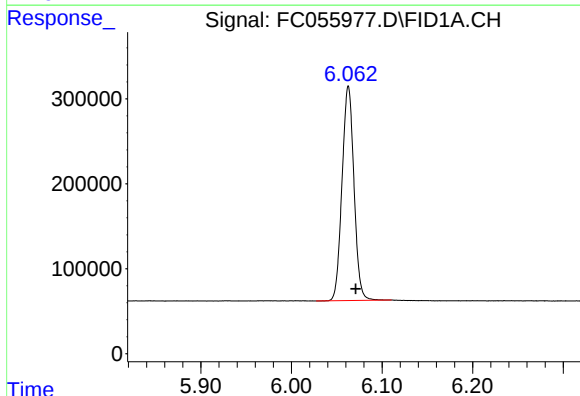
#1 n-Nonane (C9)

R.T.: 3.395 min
Delta R.T.: -0.011 min
Response: 2135815
Conc: 20.01 ug/ml



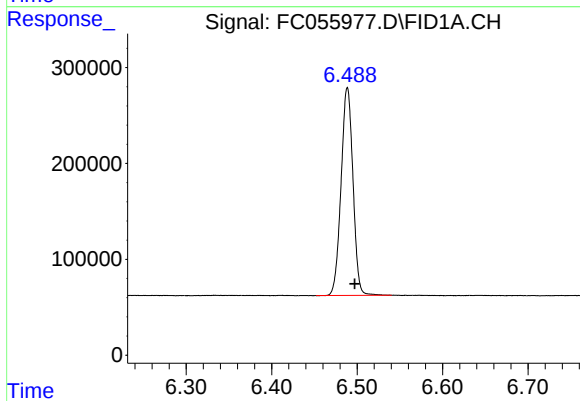
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.010 min
Response: 2130289
Conc: 19.93 ug/ml



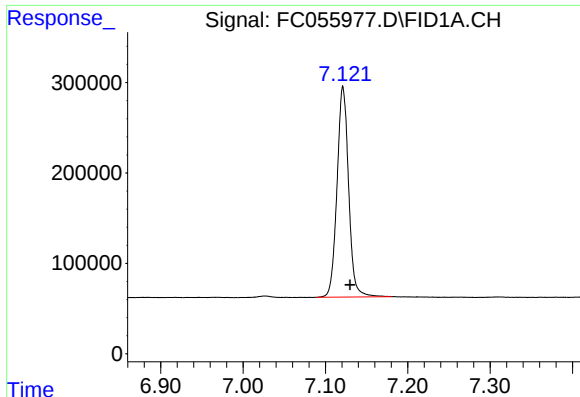
#3 A~Naphthalene (C11.7)

R.T.: 6.063 min
Delta R.T.: -0.008 min
Response: 2312787
Conc: 19.22 ug/ml



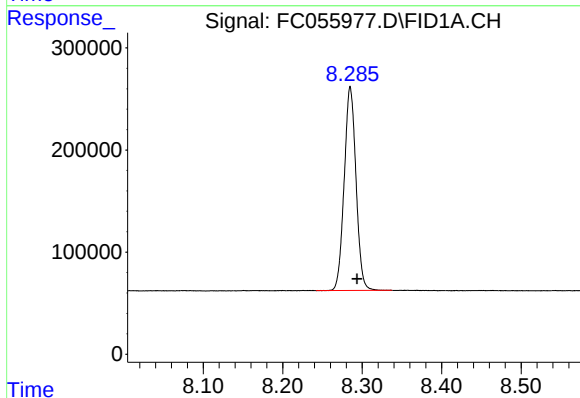
#4 n-Dodecane (C12)

R.T.: 6.489 min
Delta R.T.: -0.009 min
Response: 2097700
Conc: 19.33 ug/ml



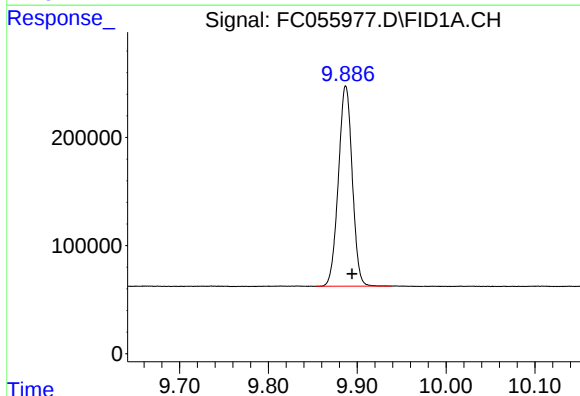
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.121 min
Delta R.T.: -0.009 min
Response: 2278559
Conc: 18.76 ug/ml



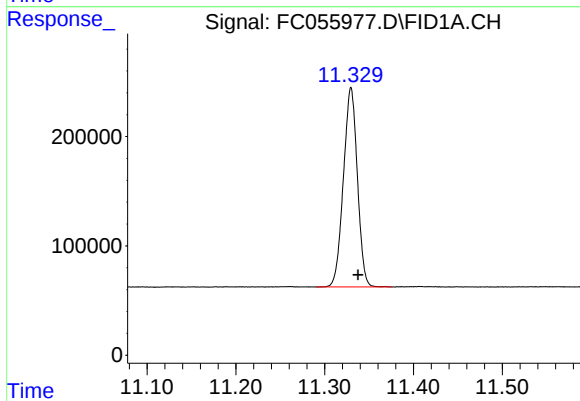
#6 n-Tetradecane (C14)

R.T.: 8.285 min
Delta R.T.: -0.008 min
Response: 2057465
Conc: 18.60 ug/ml



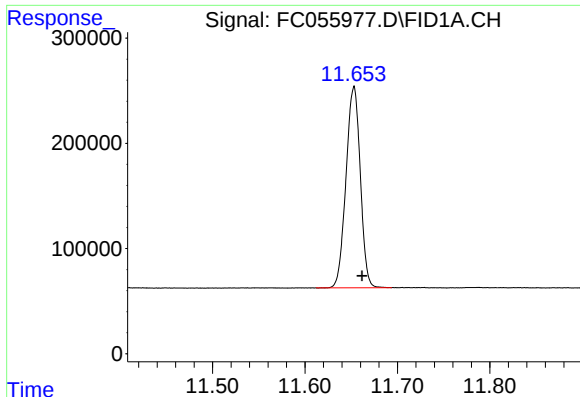
#7 n-Hexadecane (C16)

R.T.: 9.887 min
Delta R.T.: -0.007 min
Response: 2007733
Conc: 18.14 ug/ml



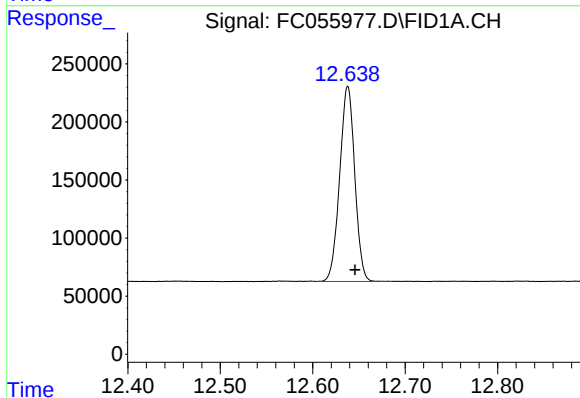
#8 n-Octadecane (C18)

R.T.: 11.330 min
Delta R.T.: -0.008 min
Response: 1989945
Conc: 17.78 ug/ml



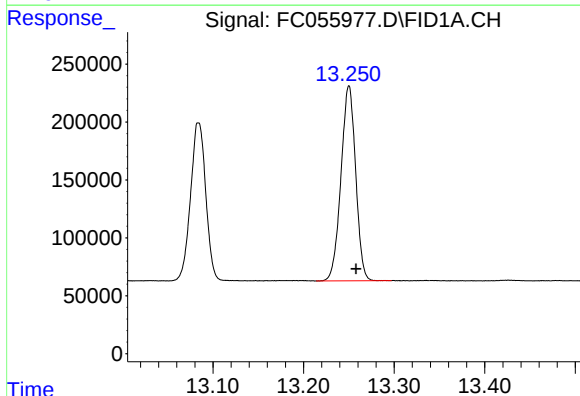
#9 ortho-Terphenyl (SURR)

R.T.: 11.653 min
Delta R.T.: -0.009 min
Response: 2056632
Conc: 17.33 ug/ml



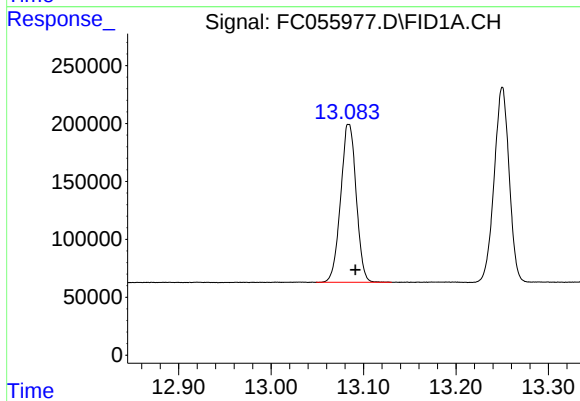
#10 n-Eicosane (C20)

R.T.: 12.638 min
Delta R.T.: -0.008 min
Response: 1905825
Conc: 17.45 ug/ml



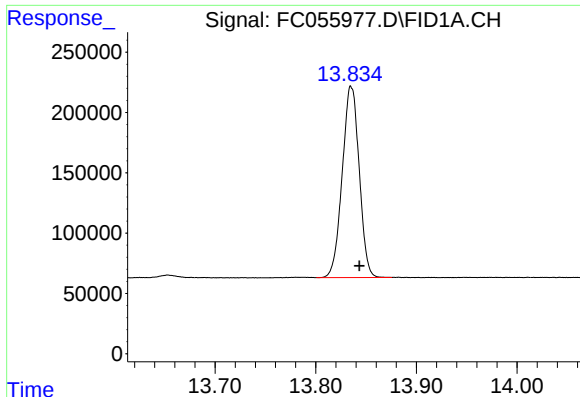
#11 n-Heneicosane (C21)

R.T.: 13.250 min
Delta R.T.: -0.008 min
Response: 1895723
Conc: 17.44 ug/ml



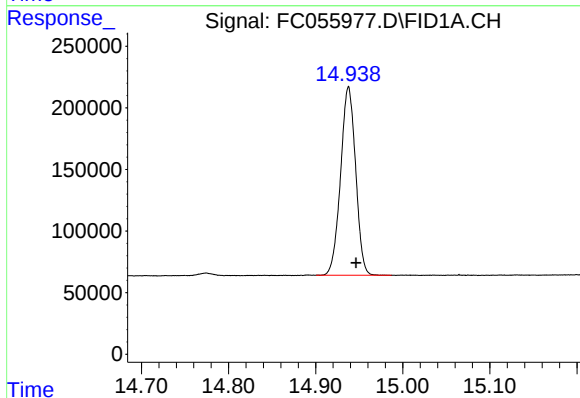
#12 1-chlorooctadecane (SURR)

R.T.: 13.084 min
Delta R.T.: -0.007 min
Response: 1591768
Conc: 17.33 ug/ml



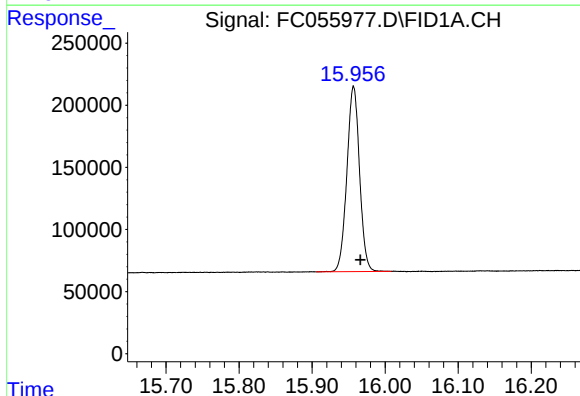
#13 n-Docosane (C22)

R.T.: 13.835 min
Delta R.T.: -0.008 min
Response: 1856144
Conc: 17.38 ug/ml



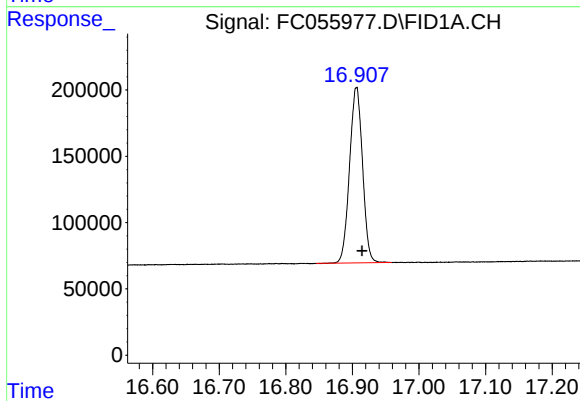
#14 n-Tetracosane (C24)

R.T.: 14.938 min
Delta R.T.: -0.009 min
Response: 1835888
Conc: 17.56 ug/ml



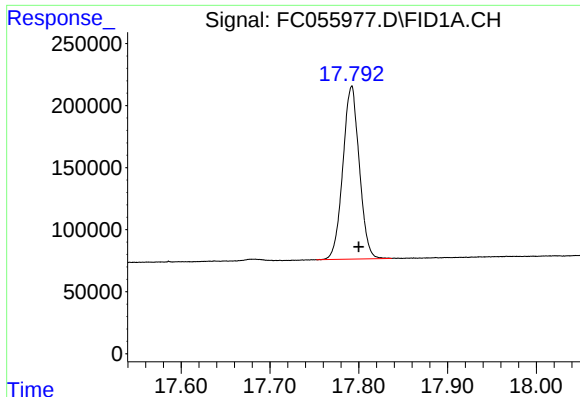
#15 n-Hexacosane (C26)

R.T.: 15.957 min
Delta R.T.: -0.009 min
Response: 1796422
Conc: 17.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.906 min
Delta R.T.: -0.008 min
Response: 1793322
Conc: 18.54 ug/ml



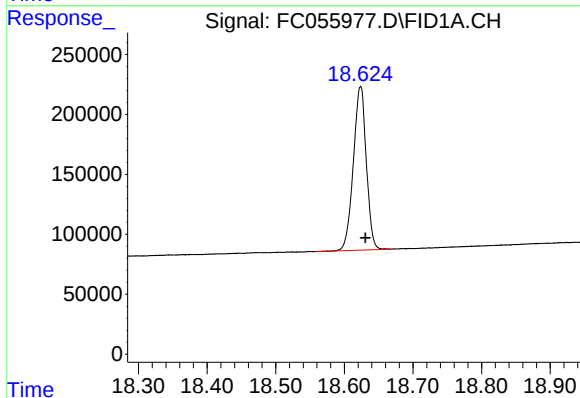
#17 n-Tricontane (C30)

R.T.: 17.792 min

Delta R.T.: -0.008 min

Response: 1790354

Conc: 19.30 ug/ml



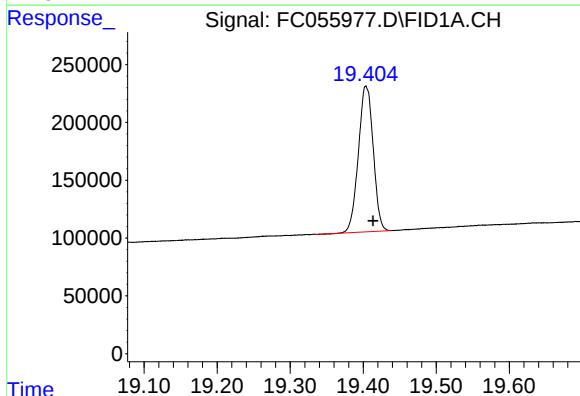
#18 n-Dotriacontane (C32)

R.T.: 18.623 min

Delta R.T.: -0.007 min

Response: 1790633

Conc: 20.14 ug/ml



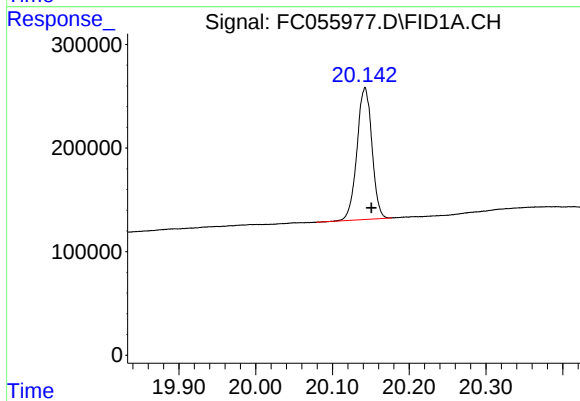
#19 n-Tetratriacontane (C34)

R.T.: 19.404 min

Delta R.T.: -0.009 min

Response: 1774625

Conc: 20.52 ug/ml



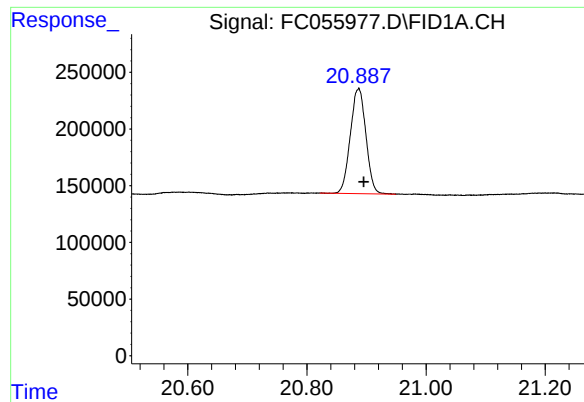
#20 n-Hexatriacontane (C36)

R.T.: 20.142 min

Delta R.T.: -0.008 min

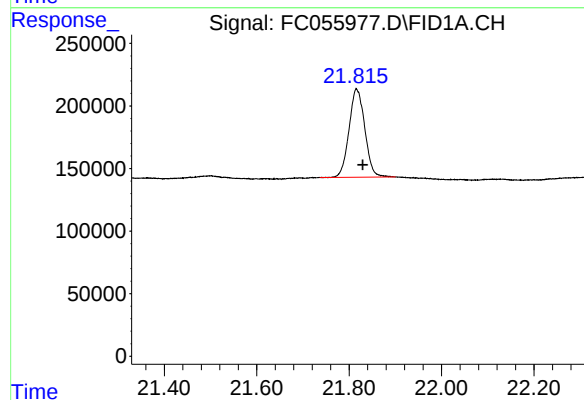
Response: 1720828

Conc: 21.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.887 min
Delta R.T.: -0.009 min
Response: 1680079
Conc: 21.08 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.816 min
Delta R.T.: -0.013 min
Response: 1673106
Conc: 20.87 ug/ml