

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081021AL\
 Data File : FC055126.D
 Signal(s) : FID1A.CH
 Acq On : 11 Aug 2021 12:43
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 11 13:57:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 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)	11.310	2205437	17.517 ug/ml
Spiked Amount 50.000		Recovery =	35.03%
12) S 1-chlorooctadecane (S...	12.751	1711028	17.264 ug/ml
Spiked Amount 50.000		Recovery =	34.53%
Target Compounds			
1) T n-Nonane (C9)	3.145	2061148	19.711 ug/ml
2) T n-Decane (C10)	4.195	2119876	20.131 ug/ml
3) T A~Naphthalene (C11.7)	5.760	2183996	20.100 ug/ml
4) T n-Dodecane (C12)	6.195	2162727	19.916 ug/ml
5) T A~2-methylnaphthalene...	6.809	2161261	19.803 ug/ml
6) T n-Tetradecane (C14)	7.979	2180189	19.529 ug/ml
7) T n-Hexadecane (C16)	9.571	2169330	19.020 ug/ml
8) T n-Octadecane (C18)	11.006	2164420	18.355 ug/ml
10) T n-Eicosane (C20)	12.309	2075888	17.682 ug/ml
11) T n-Heneicosane (C21)	12.919	2057074	17.422 ug/ml
13) T n-Docosane (C22)	13.502	1995031	17.081 ug/ml
14) T n-Tetracosane (C24)	14.601	1954232	16.883 ug/ml
15) T n-Hexacosane (C26)	15.619	1832889	16.355 ug/ml
16) T n-Octacosane (C28)	16.565	1799562	16.575 ug/ml
17) T n-Tricontane (C30)	17.450	1771497	16.967 ug/ml
18) T n-Dotriacontane (C32)	18.280	1728698	17.456 ug/ml
19) T n-Tetratriacontane (C34)	19.061	1740615	18.365 ug/ml
20) T n-Hexatriacontane (C36)	19.799	1768719	19.573 ug/ml
21) T n-Octatriacontane (C38)	20.500	1822899	21.097 ug/ml
22) T n-Tetracontane (C40)	21.305	1630060	18.304 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

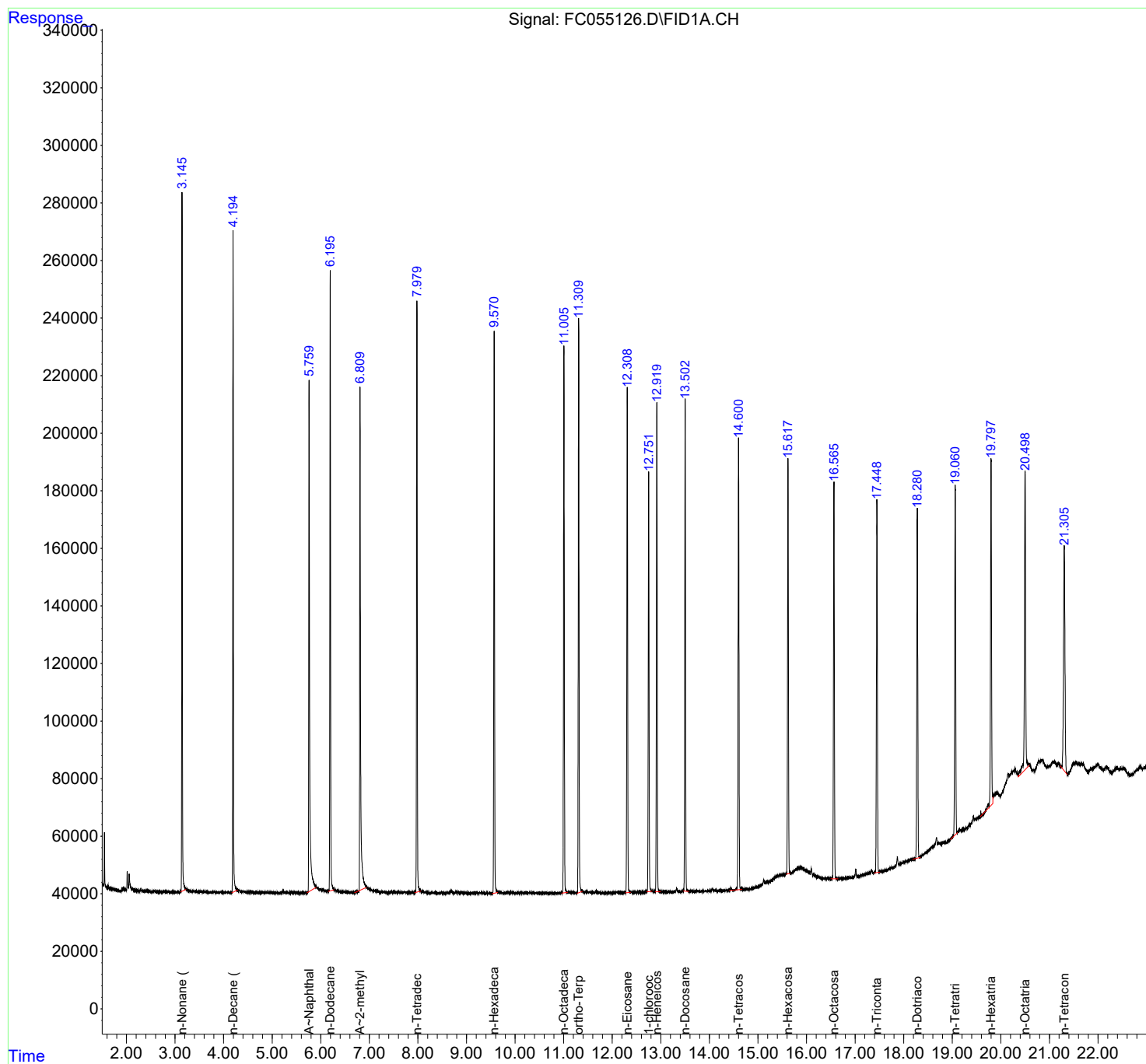
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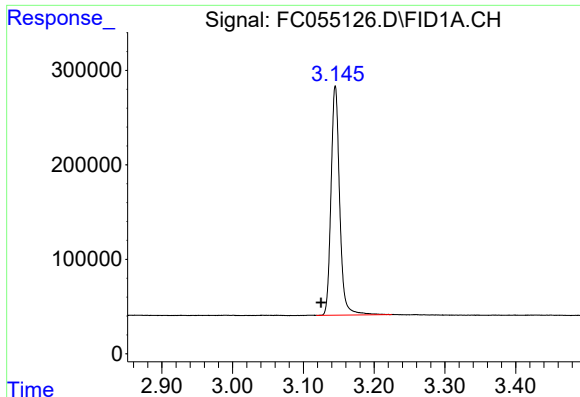
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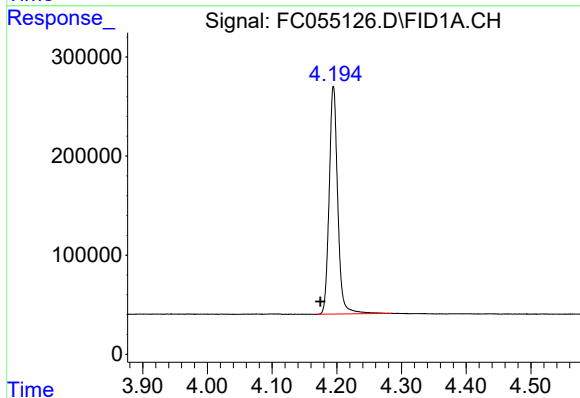
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





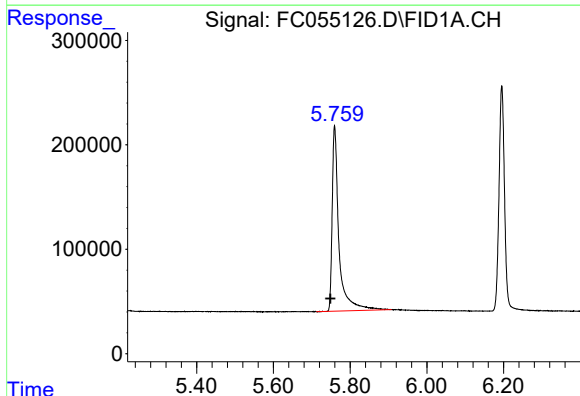
#1 n-Nonane (C9)

R.T.: 3.145 min
Delta R.T.: 0.020 min
Response: 2061148
Conc: 19.71 ug/ml



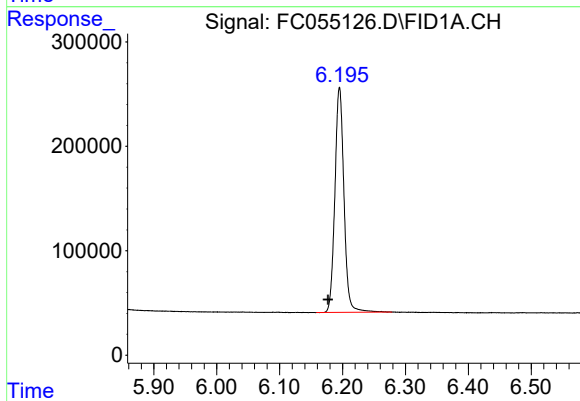
#2 n-Decane (C10)

R.T.: 4.195 min
Delta R.T.: 0.020 min
Response: 2119876
Conc: 20.13 ug/ml



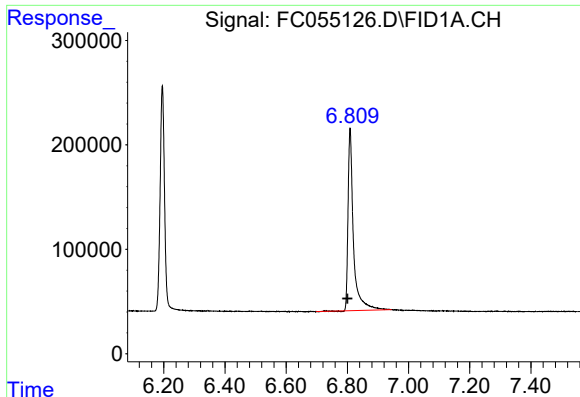
#3 A~Naphthalene (C11.7)

R.T.: 5.760 min
Delta R.T.: 0.011 min
Response: 2183996
Conc: 20.10 ug/ml



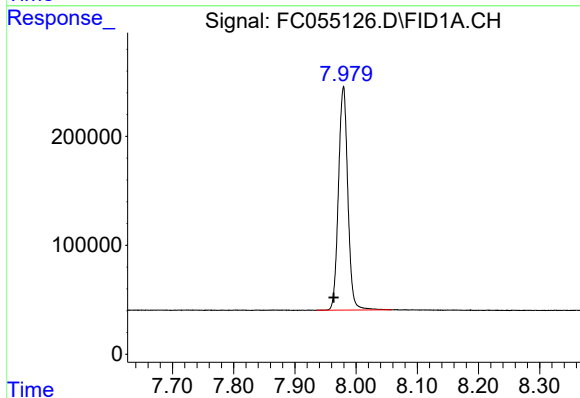
#4 n-Dodecane (C12)

R.T.: 6.195 min
Delta R.T.: 0.018 min
Response: 2162727
Conc: 19.92 ug/ml



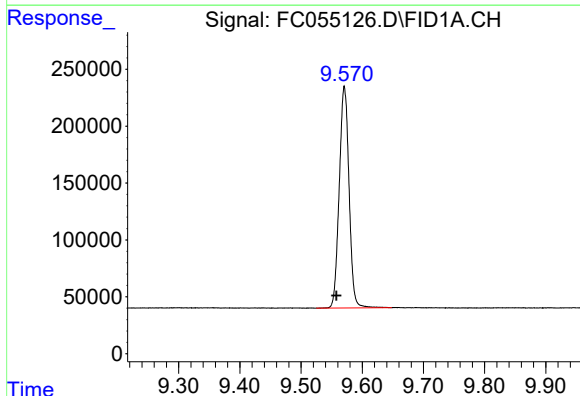
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.809 min
Delta R.T.: 0.009 min
Response: 2161261
Conc: 19.80 ug/ml



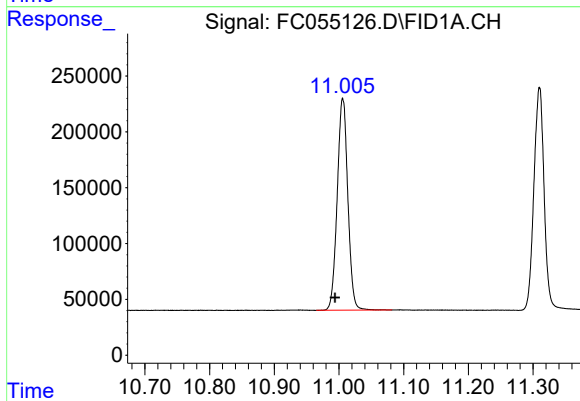
#6 n-Tetradecane (C14)

R.T.: 7.979 min
Delta R.T.: 0.015 min
Response: 2180189
Conc: 19.53 ug/ml



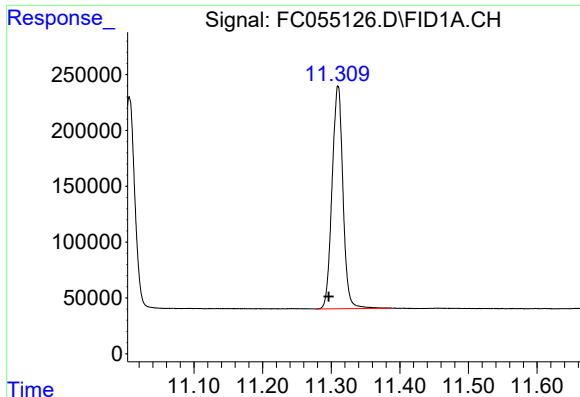
#7 n-Hexadecane (C16)

R.T.: 9.571 min
Delta R.T.: 0.013 min
Response: 2169330
Conc: 19.02 ug/ml



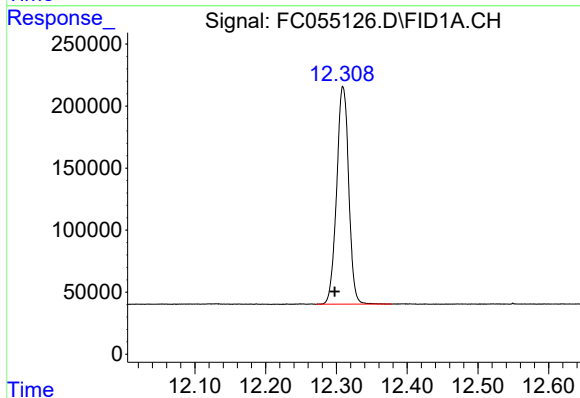
#8 n-Octadecane (C18)

R.T.: 11.006 min
Delta R.T.: 0.012 min
Response: 2164420
Conc: 18.35 ug/ml



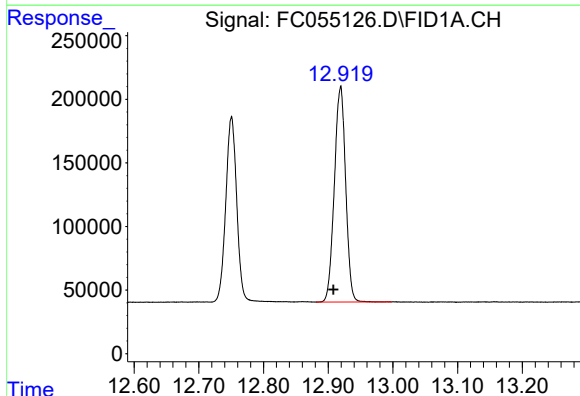
#9 ortho-Terphenyl (SURR)

R.T.: 11.310 min
Delta R.T.: 0.013 min
Response: 2205437
Conc: 17.52 ug/ml



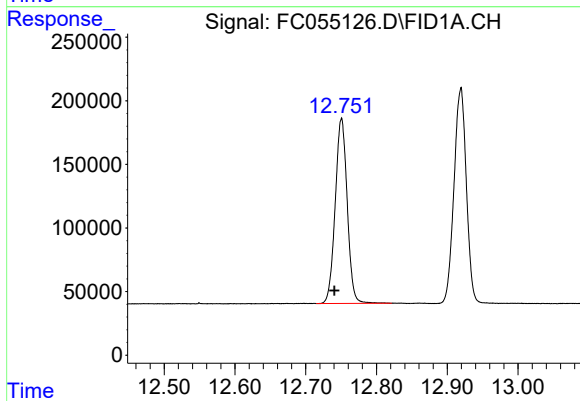
#10 n-Eicosane (C20)

R.T.: 12.309 min
Delta R.T.: 0.012 min
Response: 2075888
Conc: 17.68 ug/ml



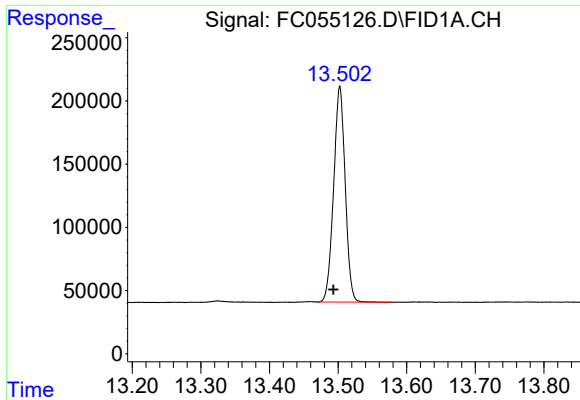
#11 n-Heneicosane (C21)

R.T.: 12.919 min
Delta R.T.: 0.011 min
Response: 2057074
Conc: 17.42 ug/ml



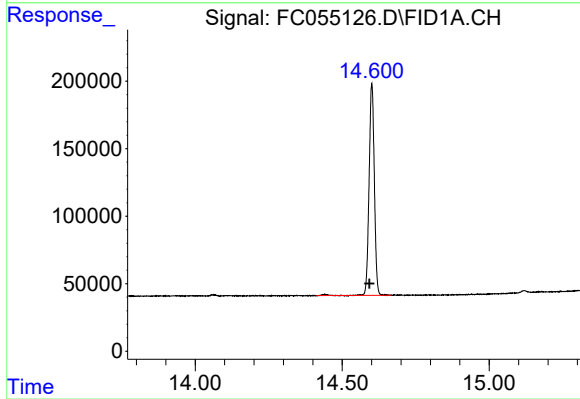
#12 1-chlorooctadecane (SURR)

R.T.: 12.751 min
Delta R.T.: 0.010 min
Response: 1711028
Conc: 17.26 ug/ml



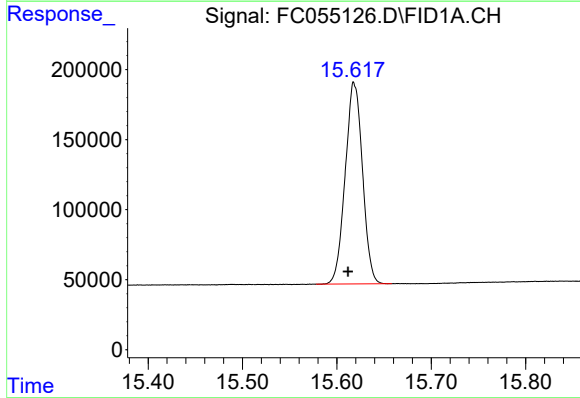
#13 n-Docosane (C22)

R.T.: 13.502 min
Delta R.T.: 0.010 min
Response: 1995031
Conc: 17.08 ug/ml



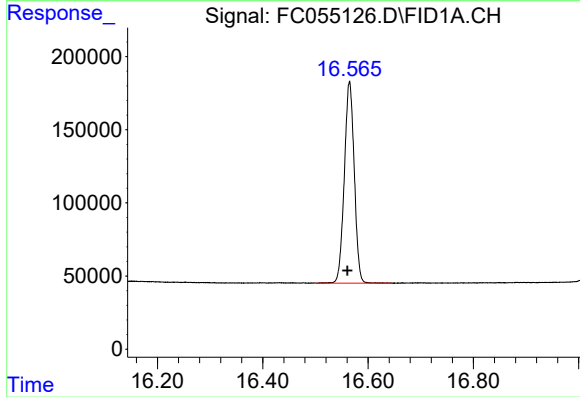
#14 n-Tetracosane (C24)

R.T.: 14.601 min
Delta R.T.: 0.008 min
Response: 1954232
Conc: 16.88 ug/ml



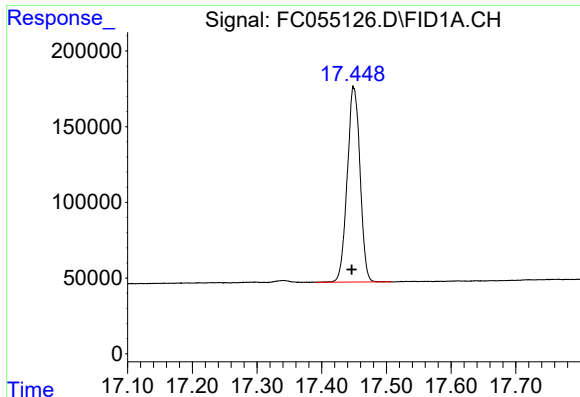
#15 n-Hexacosane (C26)

R.T.: 15.619 min
Delta R.T.: 0.007 min
Response: 1832889
Conc: 16.35 ug/ml



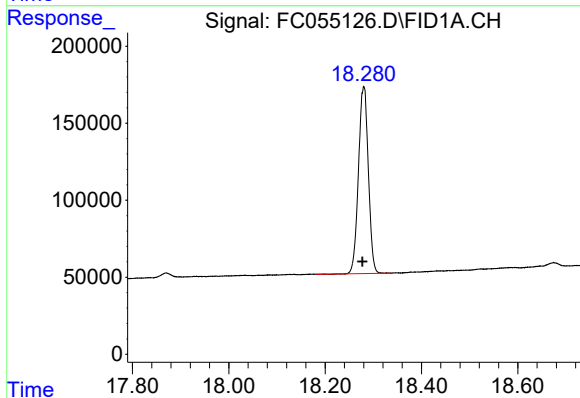
#16 n-Octacosane (C28)

R.T.: 16.565 min
Delta R.T.: 0.004 min
Response: 1799562
Conc: 16.57 ug/ml



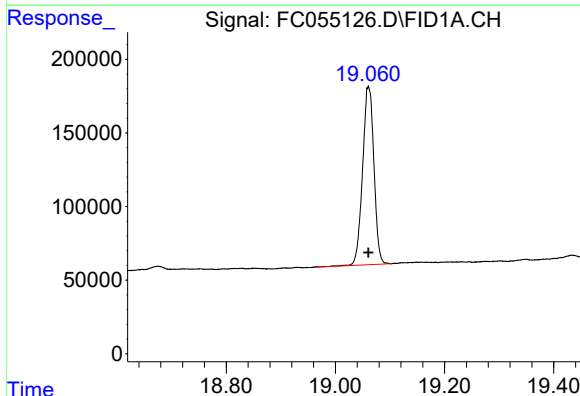
#17 n-Tricontane (C30)

R.T.: 17.450 min
Delta R.T.: 0.004 min
Response: 1771497
Conc: 16.97 ug/ml



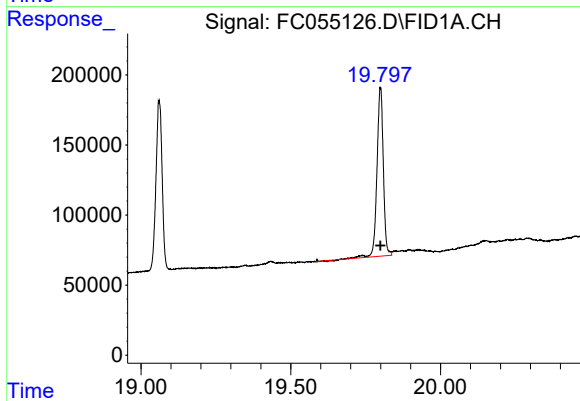
#18 n-Dotriacontane (C32)

R.T.: 18.280 min
Delta R.T.: 0.003 min
Response: 1728698
Conc: 17.46 ug/ml



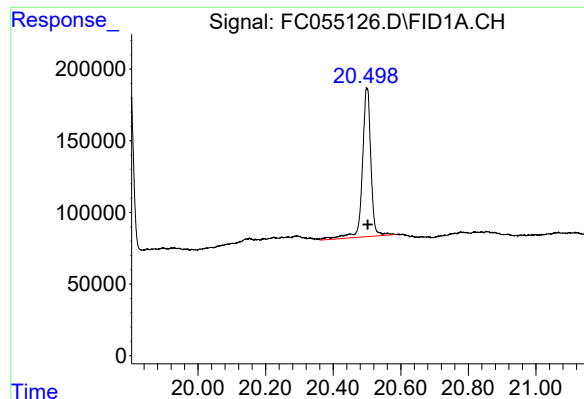
#19 n-Tetratriacontane (C34)

R.T.: 19.061 min
Delta R.T.: 0.000 min
Response: 1740615
Conc: 18.37 ug/ml



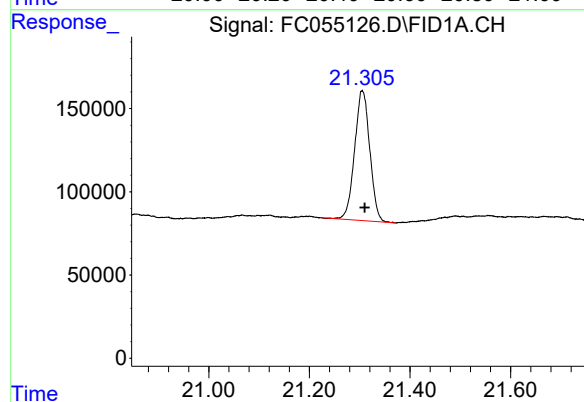
#20 n-Hexatriacontane (C36)

R.T.: 19.799 min
Delta R.T.: 0.000 min
Response: 1768719
Conc: 19.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.500 min
Delta R.T.: -0.003 min
Response: 1822899
Conc: 21.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.305 min
Delta R.T.: -0.005 min
Response: 1630060
Conc: 18.30 ug/ml