

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081021AL\
 Data File : FC055090.D
 Signal(s) : FID1A.CH
 Acq On : 10 Aug 2021 10:32
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 10 11:57:14 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)	11.308	2136768	16.972 ug/ml
Spiked Amount 50.000		Recovery =	33.94%
12) S 1-chlorooctadecane (S...	12.750	1663191	16.782 ug/ml
Spiked Amount 50.000		Recovery =	33.56%
Target Compounds			
1) T n-Nonane (C9)	3.145	1993957	19.069 ug/ml
2) T n-Decane (C10)	4.194	2032422	19.300 ug/ml
3) T A~Naphthalene (C11.7)	5.759	2087888	19.215 ug/ml
4) T n-Dodecane (C12)	6.194	2088325	19.231 ug/ml
5) T A~2-methylnaphthalene...	6.808	2051972	18.801 ug/ml
6) T n-Tetradecane (C14)	7.979	2103531	18.843 ug/ml
7) T n-Hexadecane (C16)	9.570	2087575	18.304 ug/ml
8) T n-Octadecane (C18)	11.005	2090947	17.731 ug/ml
10) T n-Eicosane (C20)	12.309	2008653	17.109 ug/ml
11) T n-Heneicosane (C21)	12.918	2002160	16.957 ug/ml
13) T n-Docosane (C22)	13.502	1941326	16.621 ug/ml
14) T n-Tetracosane (C24)	14.601	1877391	16.219 ug/ml
15) T n-Hexacosane (C26)	15.618	1783920	15.918 ug/ml
16) T n-Octacosane (C28)	16.565	1721521	15.856 ug/ml
17) T n-Tricontane (C30)	17.449	1690186	16.188 ug/ml
18) T n-Dotriacontane (C32)	18.279	1657932	16.741 ug/ml
19) T n-Tetratriacontane (C34)	19.061	1644553	17.351 ug/ml
20) T n-Hexatriacontane (C36)	19.797	1605811	17.770 ug/ml
21) T n-Octatriacontane (C38)	20.499	1826625	21.141 ug/ml
22) T n-Tetracontane (C40)	21.308	1531296	17.195 ug/ml

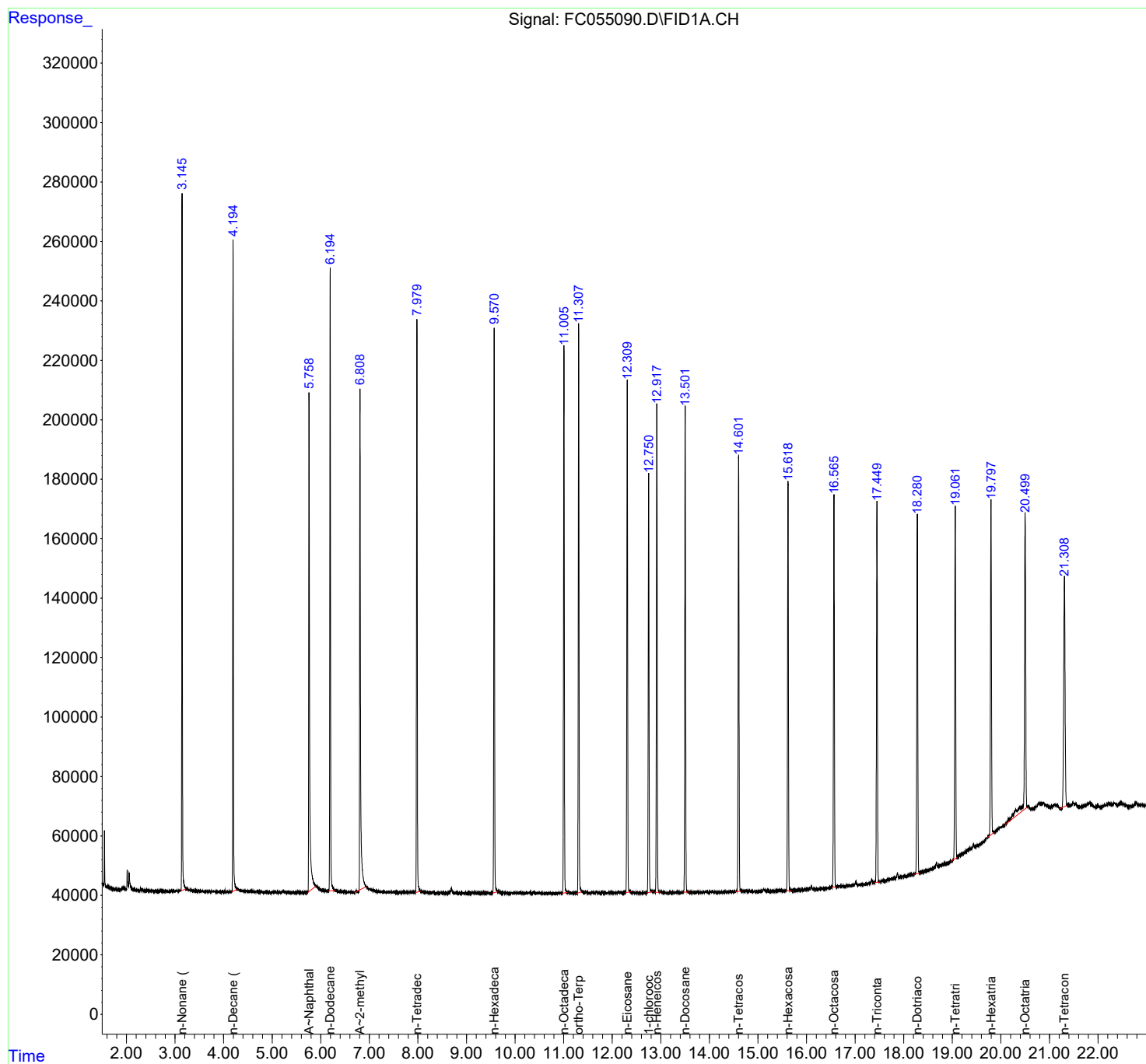
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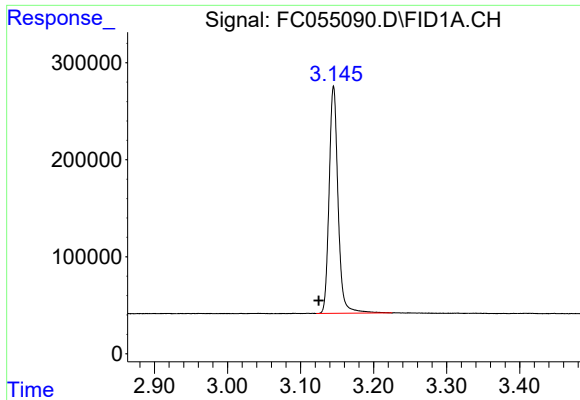
(m)=manual int.

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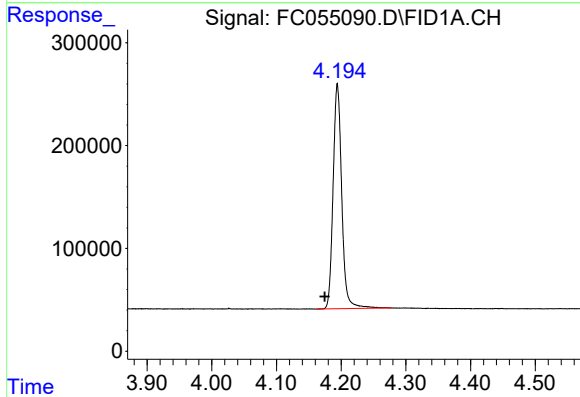
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





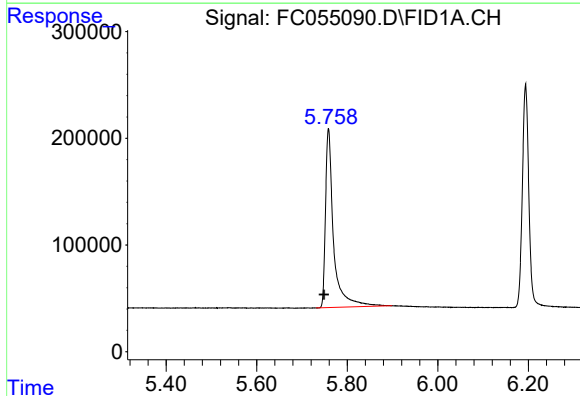
#1 n-Nonane (C9)

R.T.: 3.145 min
Delta R.T.: 0.020 min
Response: 1993957
Conc: 19.07 ug/ml



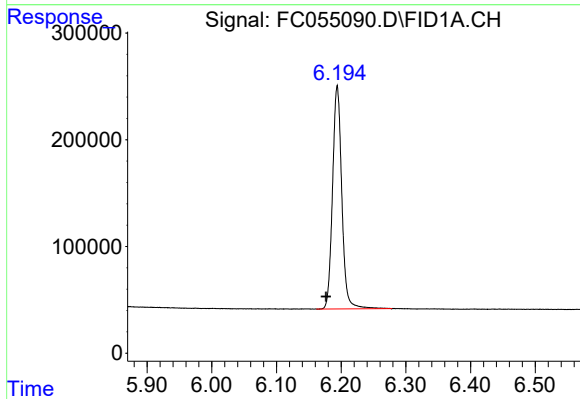
#2 n-Decane (C10)

R.T.: 4.194 min
Delta R.T.: 0.020 min
Response: 2032422
Conc: 19.30 ug/ml



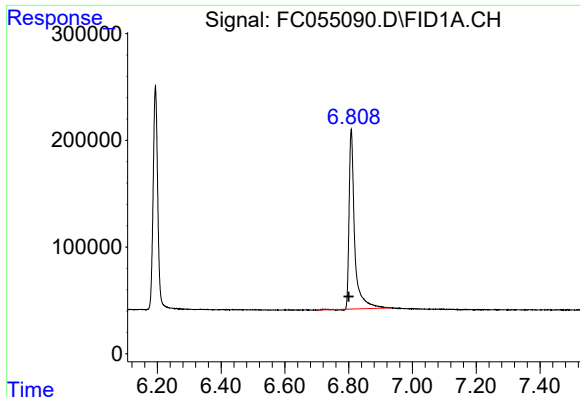
#3 A~Naphthalene (C11.7)

R.T.: 5.759 min
Delta R.T.: 0.010 min
Response: 2087888
Conc: 19.22 ug/ml



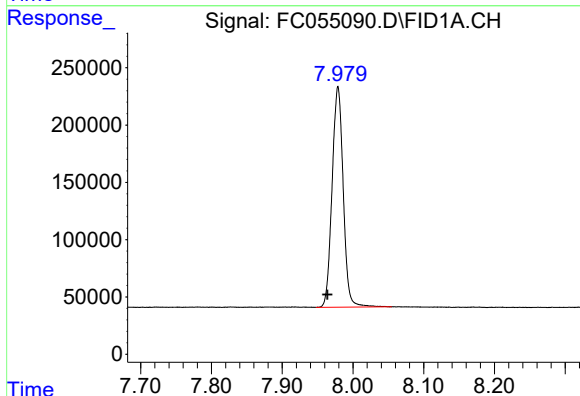
#4 n-Dodecane (C12)

R.T.: 6.194 min
Delta R.T.: 0.017 min
Response: 2088325
Conc: 19.23 ug/ml



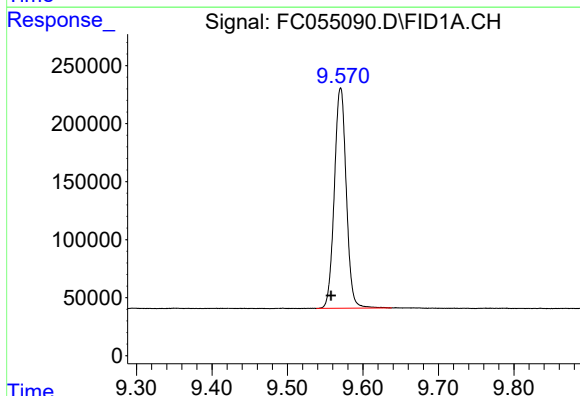
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.808 min
Delta R.T.: 0.008 min
Response: 2051972
Conc: 18.80 ug/ml



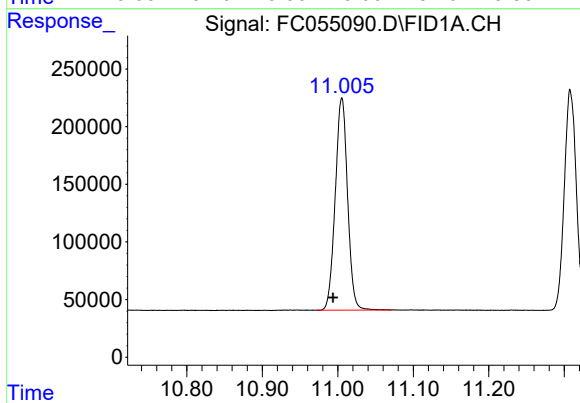
#6 n-Tetradecane (C14)

R.T.: 7.979 min
Delta R.T.: 0.015 min
Response: 2103531
Conc: 18.84 ug/ml



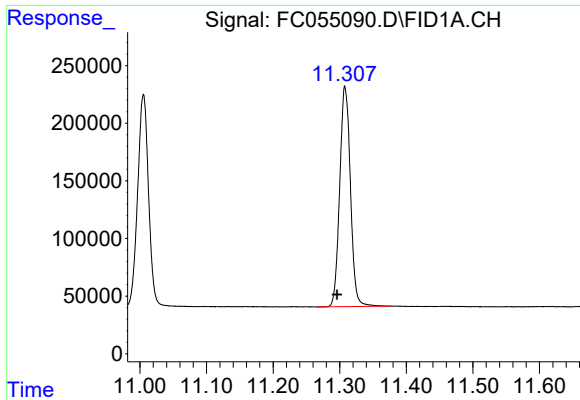
#7 n-Hexadecane (C16)

R.T.: 9.570 min
Delta R.T.: 0.012 min
Response: 2087575
Conc: 18.30 ug/ml



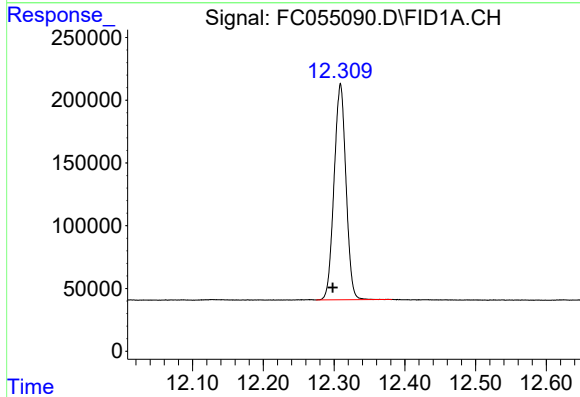
#8 n-Octadecane (C18)

R.T.: 11.005 min
Delta R.T.: 0.012 min
Response: 2090947
Conc: 17.73 ug/ml



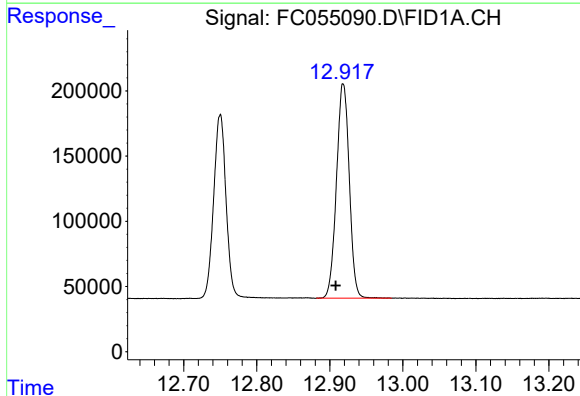
#9 ortho-Terphenyl (SURR)

R.T.: 11.308 min
Delta R.T.: 0.012 min
Response: 2136768
Conc: 16.97 ug/ml



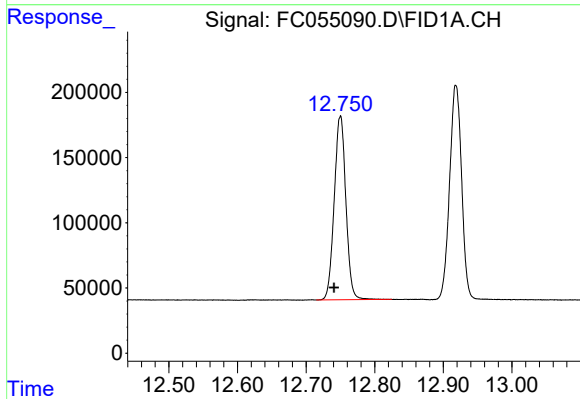
#10 n-Eicosane (C20)

R.T.: 12.309 min
Delta R.T.: 0.011 min
Response: 2008653
Conc: 17.11 ug/ml



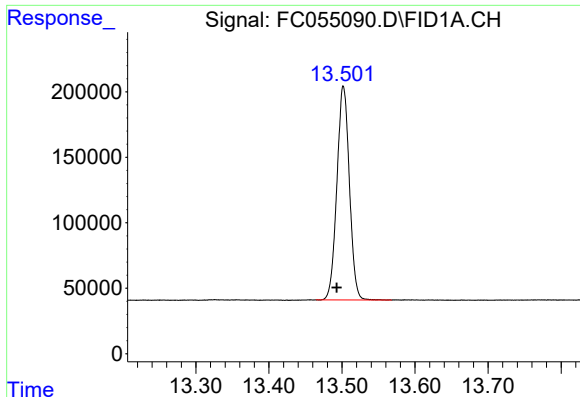
#11 n-Heneicosane (C21)

R.T.: 12.918 min
Delta R.T.: 0.010 min
Response: 2002160
Conc: 16.96 ug/ml



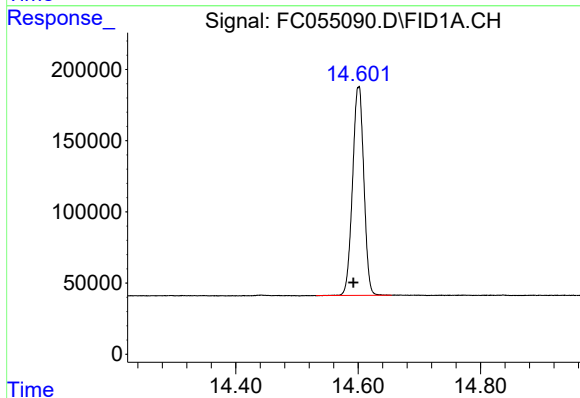
#12 1-chlorooctadecane (SURR)

R.T.: 12.750 min
Delta R.T.: 0.009 min
Response: 1663191
Conc: 16.78 ug/ml



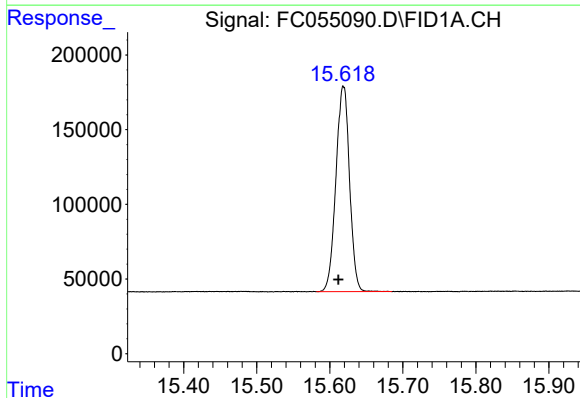
#13 n-Docosane (C22)

R.T.: 13.502 min
Delta R.T.: 0.009 min
Response: 1941326
Conc: 16.62 ug/ml



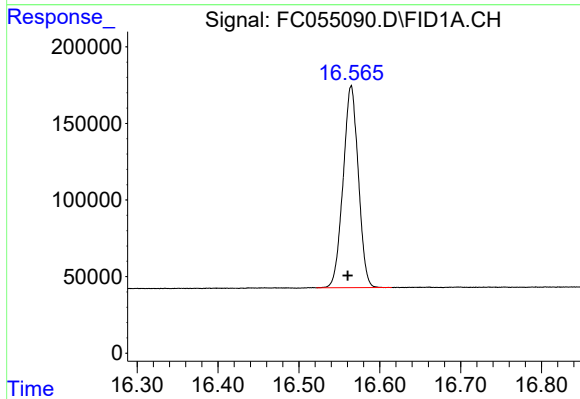
#14 n-Tetracosane (C24)

R.T.: 14.601 min
Delta R.T.: 0.008 min
Response: 1877391
Conc: 16.22 ug/ml



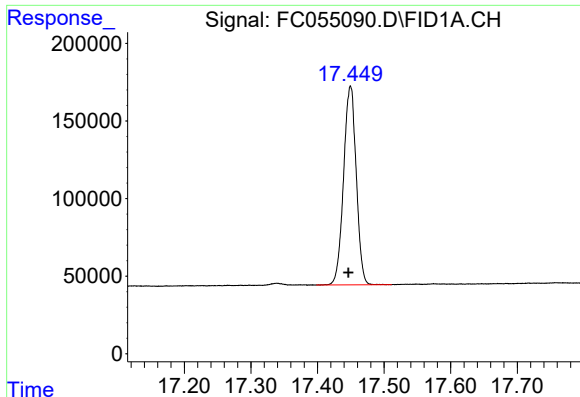
#15 n-Hexacosane (C26)

R.T.: 15.618 min
Delta R.T.: 0.007 min
Response: 1783920
Conc: 15.92 ug/ml



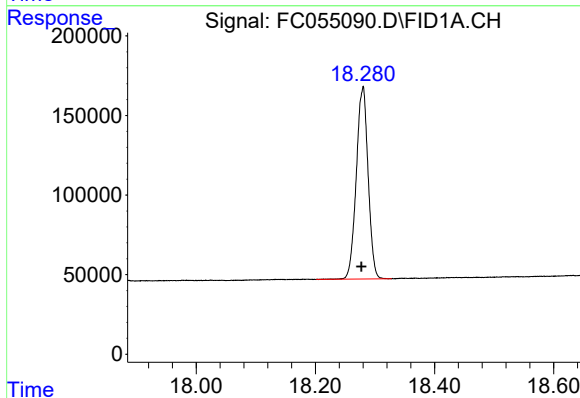
#16 n-Octacosane (C28)

R.T.: 16.565 min
Delta R.T.: 0.004 min
Response: 1721521
Conc: 15.86 ug/ml



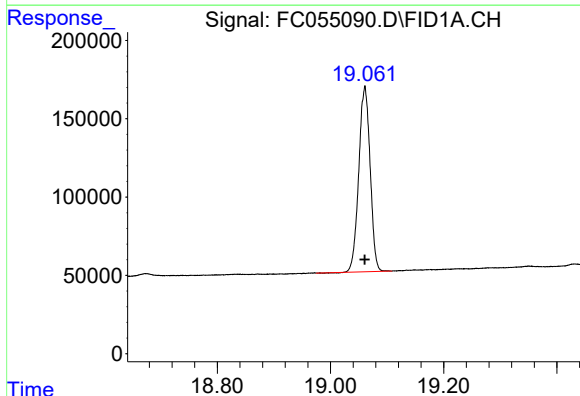
#17 n-Tricontane (C30)

R.T.: 17.449 min
Delta R.T.: 0.003 min
Response: 1690186
Conc: 16.19 ug/ml



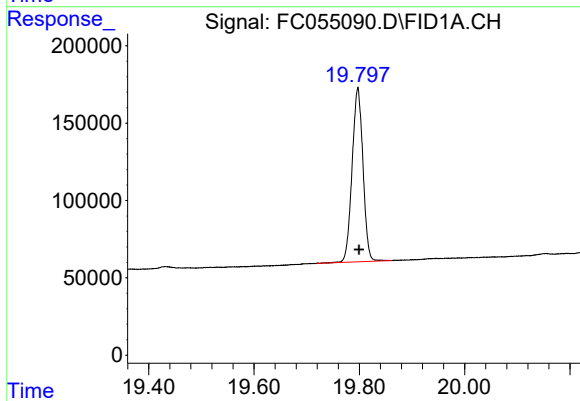
#18 n-Dotriacontane (C32)

R.T.: 18.279 min
Delta R.T.: 0.002 min
Response: 1657932
Conc: 16.74 ug/ml



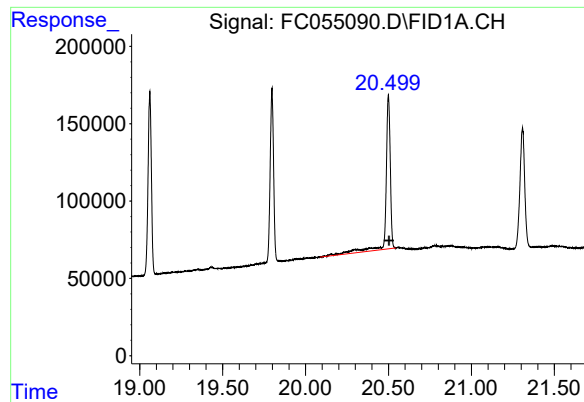
#19 n-Tetratriacontane (C34)

R.T.: 19.061 min
Delta R.T.: 0.000 min
Response: 1644553
Conc: 17.35 ug/ml



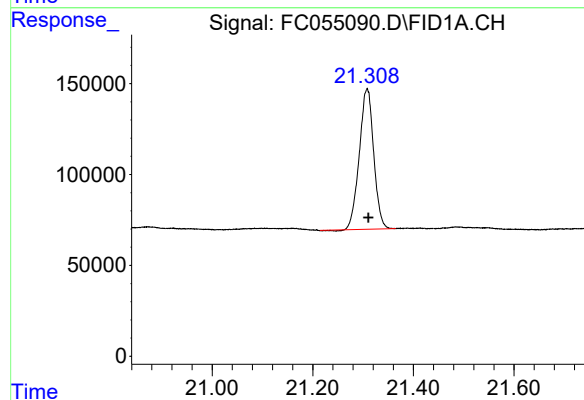
#20 n-Hexatriacontane (C36)

R.T.: 19.797 min
Delta R.T.: -0.002 min
Response: 1605811
Conc: 17.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.499 min
Delta R.T.: -0.003 min
Response: 1826625
Conc: 21.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.308 min
Delta R.T.: -0.002 min
Response: 1531296
Conc: 17.20 ug/ml