

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082321AL\
 Data File : FC055345.D
 Signal(s) : FID1A.CH
 Acq On : 24 Aug 2021 6:04
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 24 06:39:10 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)	11.305	2145502	17.041 ug/ml
Spiked Amount 50.000		Recovery =	34.08%
12) S 1-chlorooctadecane (S...	12.745	1671747	16.868 ug/ml
Spiked Amount 50.000		Recovery =	33.74%
Target Compounds			
1) T n-Nonane (C9)	3.138	2061701	19.717 ug/ml
2) T n-Decane (C10)	4.189	2090121	19.848 ug/ml
3) T A~Naphthalene (C11.7)	5.757	2129699	19.600 ug/ml
4) T n-Dodecane (C12)	6.190	2138621	19.694 ug/ml
5) T A~2-methylnaphthalene...	6.807	2094013	19.187 ug/ml
6) T n-Tetradecane (C14)	7.974	2141200	19.180 ug/ml
7) T n-Hexadecane (C16)	9.566	2123143	18.615 ug/ml
8) T n-Octadecane (C18)	11.000	2126404	18.032 ug/ml
10) T n-Eicosane (C20)	12.304	2038148	17.360 ug/ml
11) T n-Heneicosane (C21)	12.913	2014853	17.064 ug/ml
13) T n-Docosane (C22)	13.497	1957944	16.764 ug/ml
14) T n-Tetracosane (C24)	14.596	1897853	16.396 ug/ml
15) T n-Hexacosane (C26)	15.613	1820663	16.246 ug/ml
16) T n-Octacosane (C28)	16.560	1791909	16.504 ug/ml
17) T n-Tricontane (C30)	17.445	1793079	17.173 ug/ml
18) T n-Dotriacontane (C32)	18.274	1770808	17.881 ug/ml
19) T n-Tetratriacontane (C34)	19.056	1793354	18.921 ug/ml
20) T n-Hexatriacontane (C36)	19.792	1787227	19.778 ug/mlm
21) T n-Octatriacontane (C38)	20.497	1820216	21.066 ug/mlm
22) T n-Tetracontane (C40)	21.300	1851622	20.792 ug/mlm

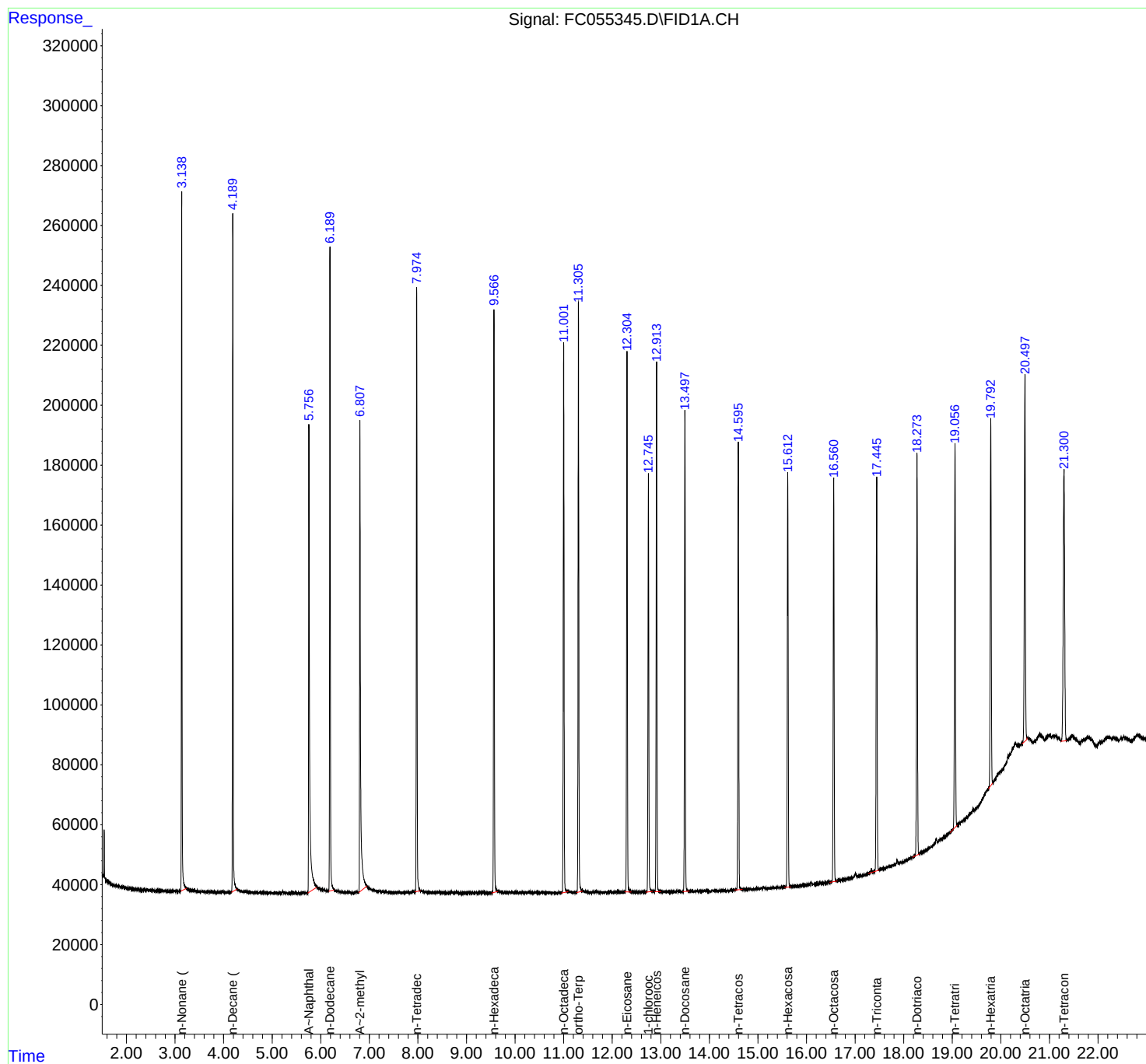
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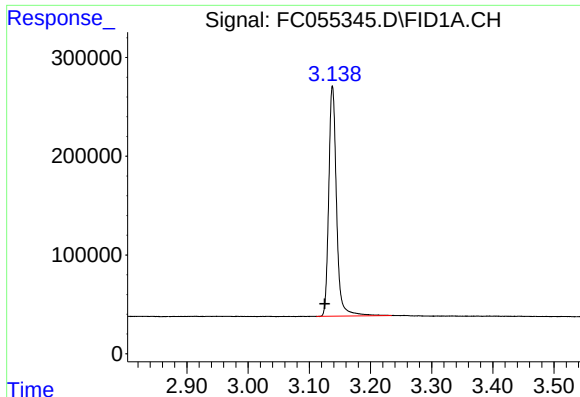
(m)=manual int.

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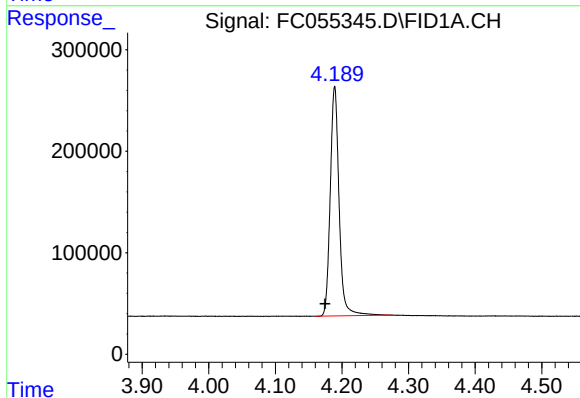
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Signal Info : 20M x 0.18mm x 0.18um





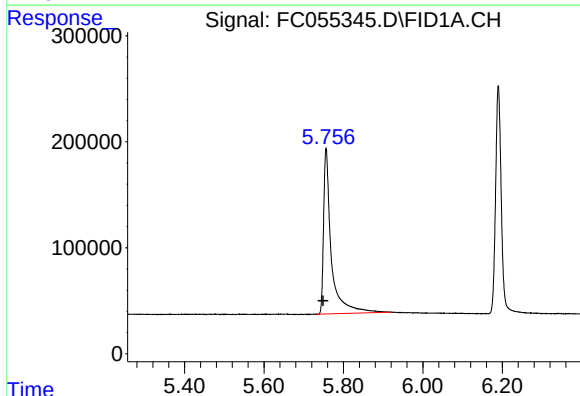
#1 n-Nonane (C9)

R.T.: 3.138 min
Delta R.T.: 0.013 min
Response: 2061701
Conc: 19.72 ug/ml



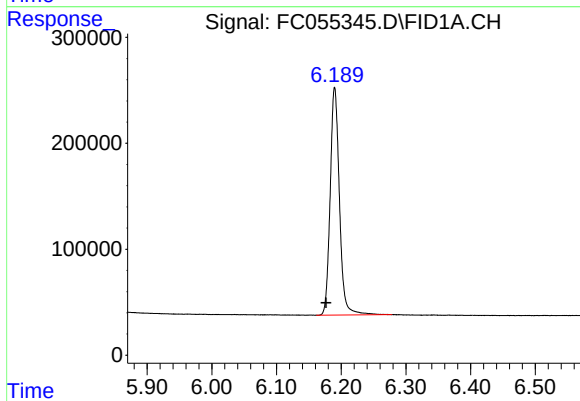
#2 n-Decane (C10)

R.T.: 4.189 min
Delta R.T.: 0.014 min
Response: 2090121
Conc: 19.85 ug/ml



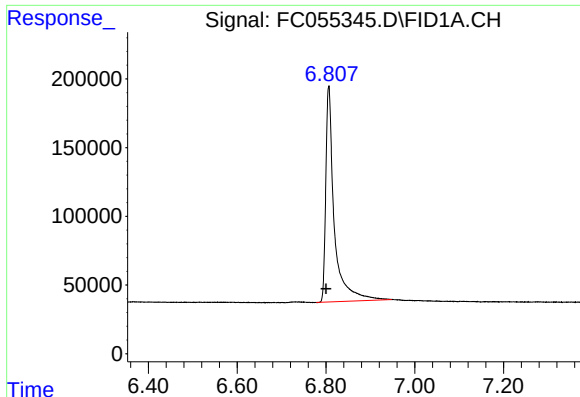
#3 A~Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: 0.008 min
Response: 2129699
Conc: 19.60 ug/ml



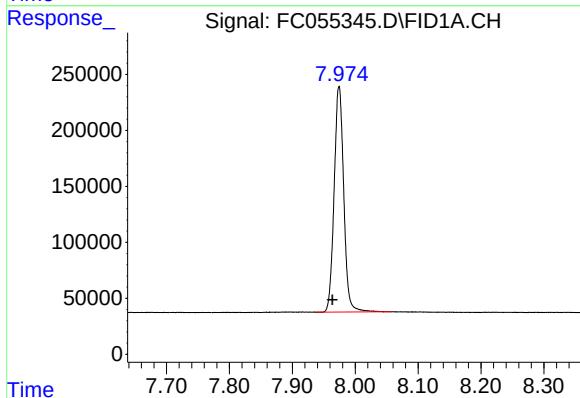
#4 n-Dodecane (C12)

R.T.: 6.190 min
Delta R.T.: 0.013 min
Response: 2138621
Conc: 19.69 ug/ml



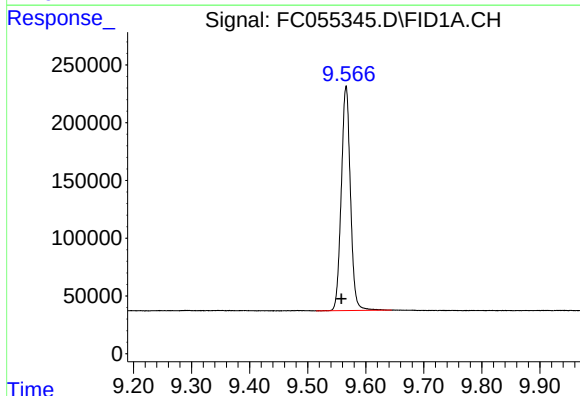
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.807 min
Delta R.T.: 0.006 min
Response: 2094013
Conc: 19.19 ug/ml



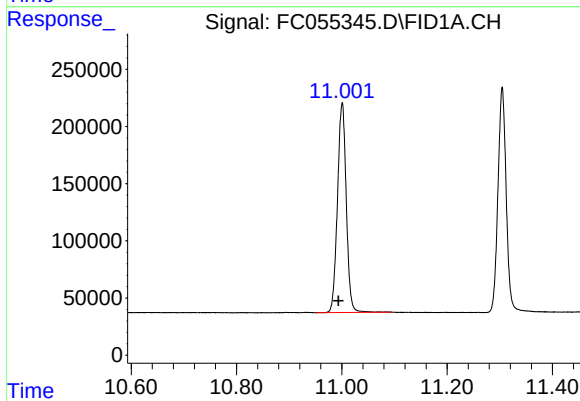
#6 n-Tetradecane (C14)

R.T.: 7.974 min
Delta R.T.: 0.011 min
Response: 2141200
Conc: 19.18 ug/ml



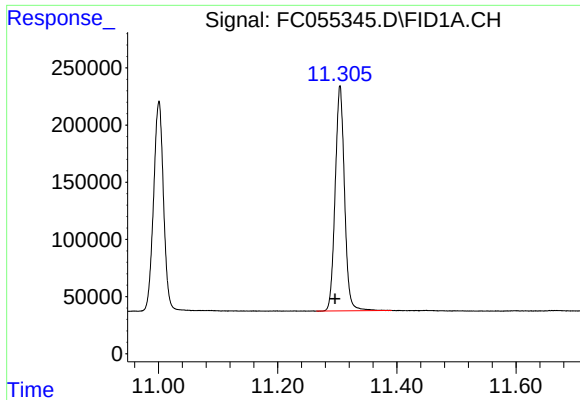
#7 n-Hexadecane (C16)

R.T.: 9.566 min
Delta R.T.: 0.008 min
Response: 2123143
Conc: 18.62 ug/ml



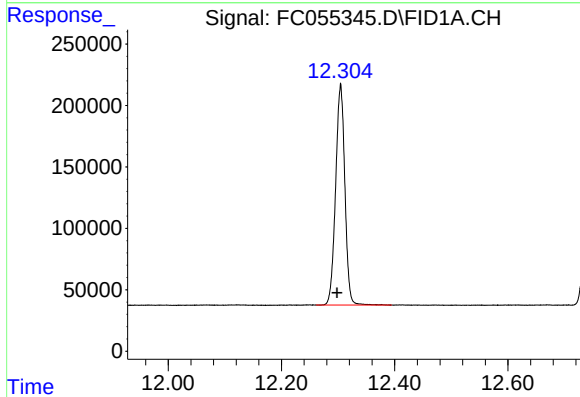
#8 n-Octadecane (C18)

R.T.: 11.000 min
Delta R.T.: 0.007 min
Response: 2126404
Conc: 18.03 ug/ml



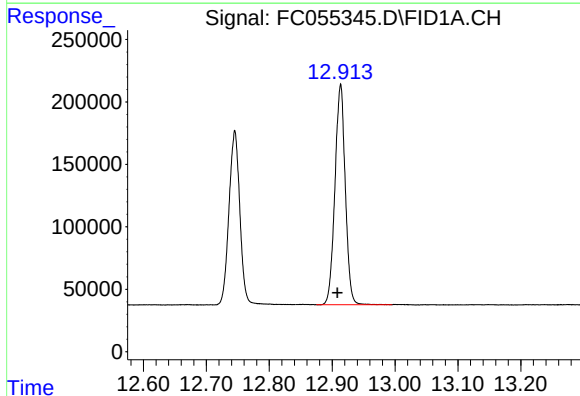
#9 ortho-Terphenyl (SURR)

R.T.: 11.305 min
Delta R.T.: 0.008 min
Response: 2145502
Conc: 17.04 ug/ml



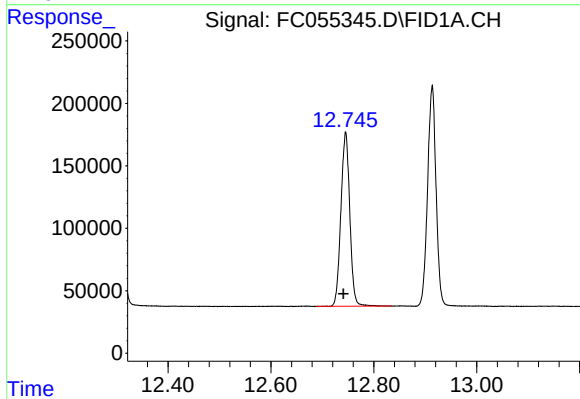
#10 n-Eicosane (C20)

R.T.: 12.304 min
Delta R.T.: 0.006 min
Response: 2038148
Conc: 17.36 ug/ml



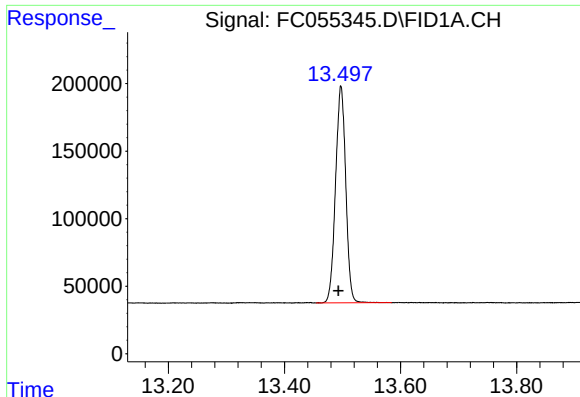
#11 n-Heneicosane (C21)

R.T.: 12.913 min
Delta R.T.: 0.005 min
Response: 2014853
Conc: 17.06 ug/ml



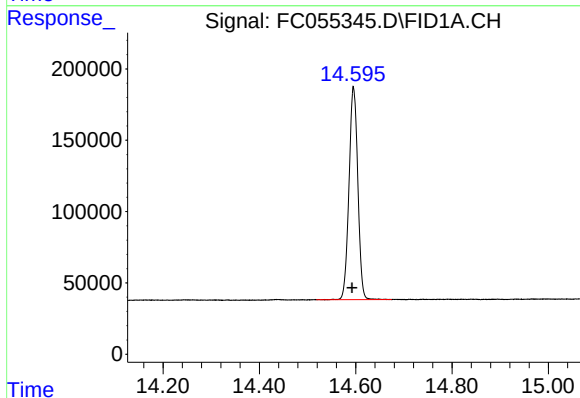
#12 1-chlorooctadecane (SURR)

R.T.: 12.745 min
Delta R.T.: 0.004 min
Response: 1671747
Conc: 16.87 ug/ml



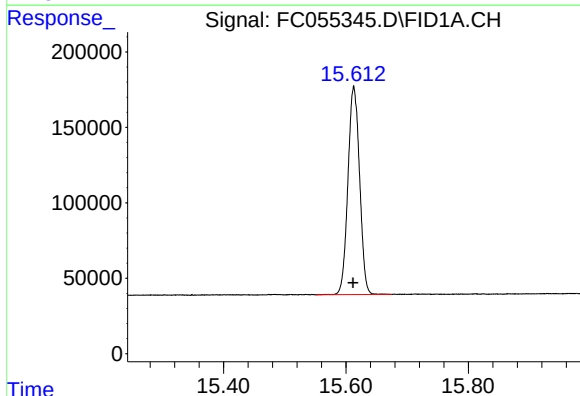
#13 n-Docosane (C22)

R.T.: 13.497 min
Delta R.T.: 0.004 min
Response: 1957944
Conc: 16.76 ug/ml



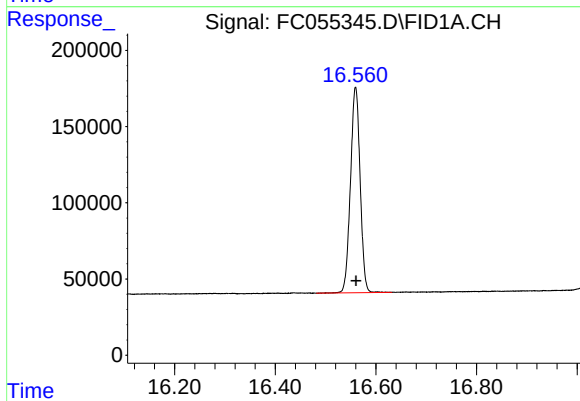
#14 n-Tetracosane (C24)

R.T.: 14.596 min
Delta R.T.: 0.003 min
Response: 1897853
Conc: 16.40 ug/ml



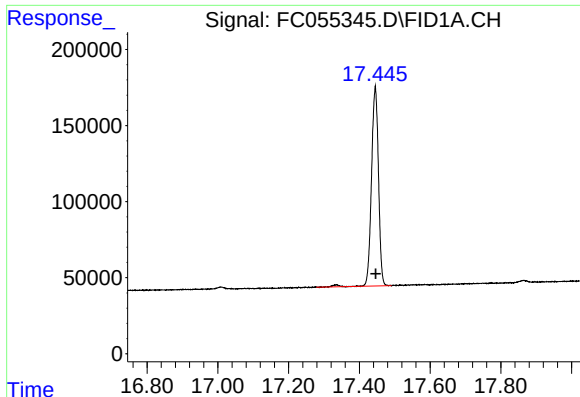
#15 n-Hexacosane (C26)

R.T.: 15.613 min
Delta R.T.: 0.001 min
Response: 1820663
Conc: 16.25 ug/ml



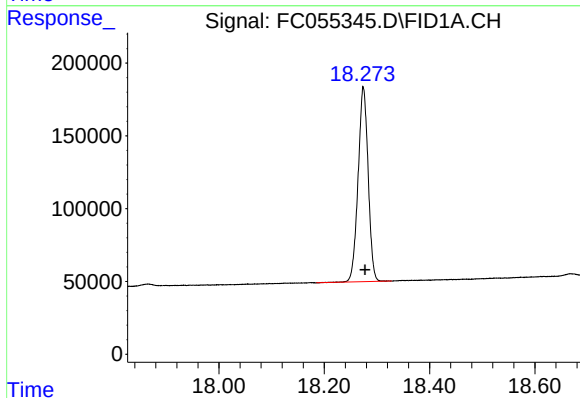
#16 n-Octacosane (C28)

R.T.: 16.560 min
Delta R.T.: -0.001 min
Response: 1791909
Conc: 16.50 ug/ml



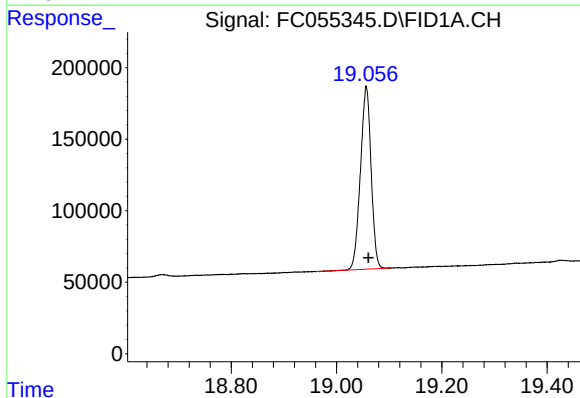
#17 n-Tricontane (C30)

R.T.: 17.445 min
Delta R.T.: -0.002 min
Response: 1793079
Conc: 17.17 ug/ml



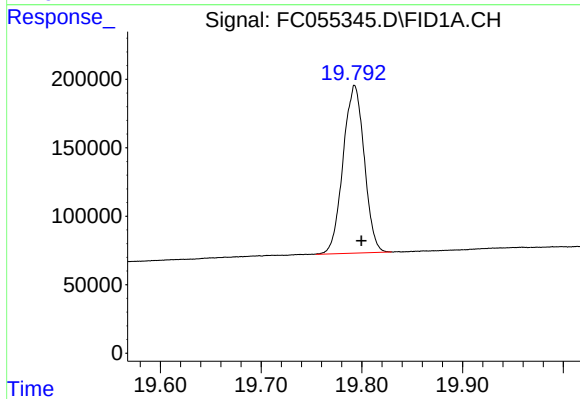
#18 n-Dotriacontane (C32)

R.T.: 18.274 min
Delta R.T.: -0.003 min
Response: 1770808
Conc: 17.88 ug/ml



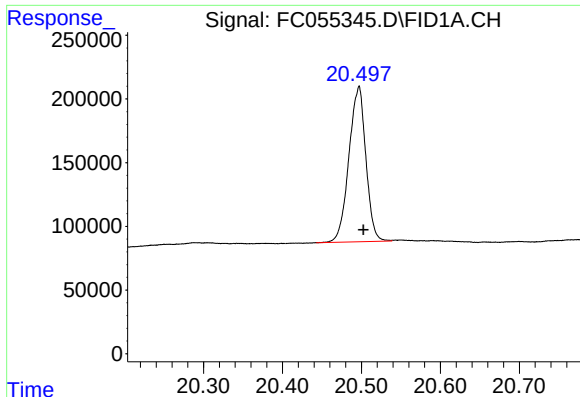
#19 n-Tetratriacontane (C34)

R.T.: 19.056 min
Delta R.T.: -0.004 min
Response: 1793354
Conc: 18.92 ug/ml



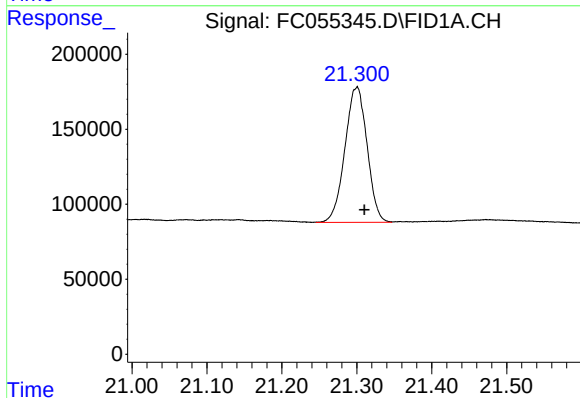
#20 n-Hexatriacontane (C36)

R.T.: 19.792 min
Delta R.T.: -0.007 min
Response: 1787227
Conc: 19.78 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.497 min
Delta R.T.: -0.006 min
Response: 1820216
Conc: 21.07 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.300 min
Delta R.T.: -0.010 min
Response: 1851622
Conc: 20.79 ug/ml m