

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082421AL\
 Data File : FC055358.D
 Signal(s) : FID1A.CH
 Acq On : 24 Aug 2021 18:27
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 25 05:06:37 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)	11.304	2144500	17.033 ug/ml
Spiked Amount 50.000		Recovery =	34.07%
12) S 1-chlorooctadecane (S...	12.744	1669302	16.843 ug/ml
Spiked Amount 50.000		Recovery =	33.69%
Target Compounds			
1) T n-Nonane (C9)	3.139	2062391	19.723 ug/ml
2) T n-Decane (C10)	4.189	2101974	19.961 ug/ml
3) T A~Naphthalene (C11.7)	5.756	2120924	19.519 ug/ml
4) T n-Dodecane (C12)	6.190	2146244	19.764 ug/ml
5) T A~2-methylnaphthalene...	6.806	2151985	19.718 ug/ml
6) T n-Tetradecane (C14)	7.973	2167961	19.420 ug/ml
7) T n-Hexadecane (C16)	9.565	2133516	18.706 ug/ml
8) T n-Octadecane (C18)	11.000	2126927	18.037 ug/ml
10) T n-Eicosane (C20)	12.304	2033116	17.317 ug/ml
11) T n-Heneicosane (C21)	12.913	2018363	17.094 ug/ml
13) T n-Docosane (C22)	13.496	1961885	16.797 ug/ml
14) T n-Tetracosane (C24)	14.595	1909495	16.497 ug/ml
15) T n-Hexacosane (C26)	15.612	1827538	16.307 ug/ml
16) T n-Octacosane (C28)	16.558	1811526	16.685 ug/ml
17) T n-Tricontane (C30)	17.443	1800999	17.249 ug/ml
18) T n-Dotriacontane (C32)	18.273	1790021	18.075 ug/ml
19) T n-Tetratriacontane (C34)	19.054	1819255	19.195 ug/ml
20) T n-Hexatriacontane (C36)	19.793	1811948	20.051 ug/mlm
21) T n-Octatriacontane (C38)	20.494	1812479	20.977 ug/ml
22) T n-Tetracontane (C40)	21.299	1859087	20.876 ug/mlm

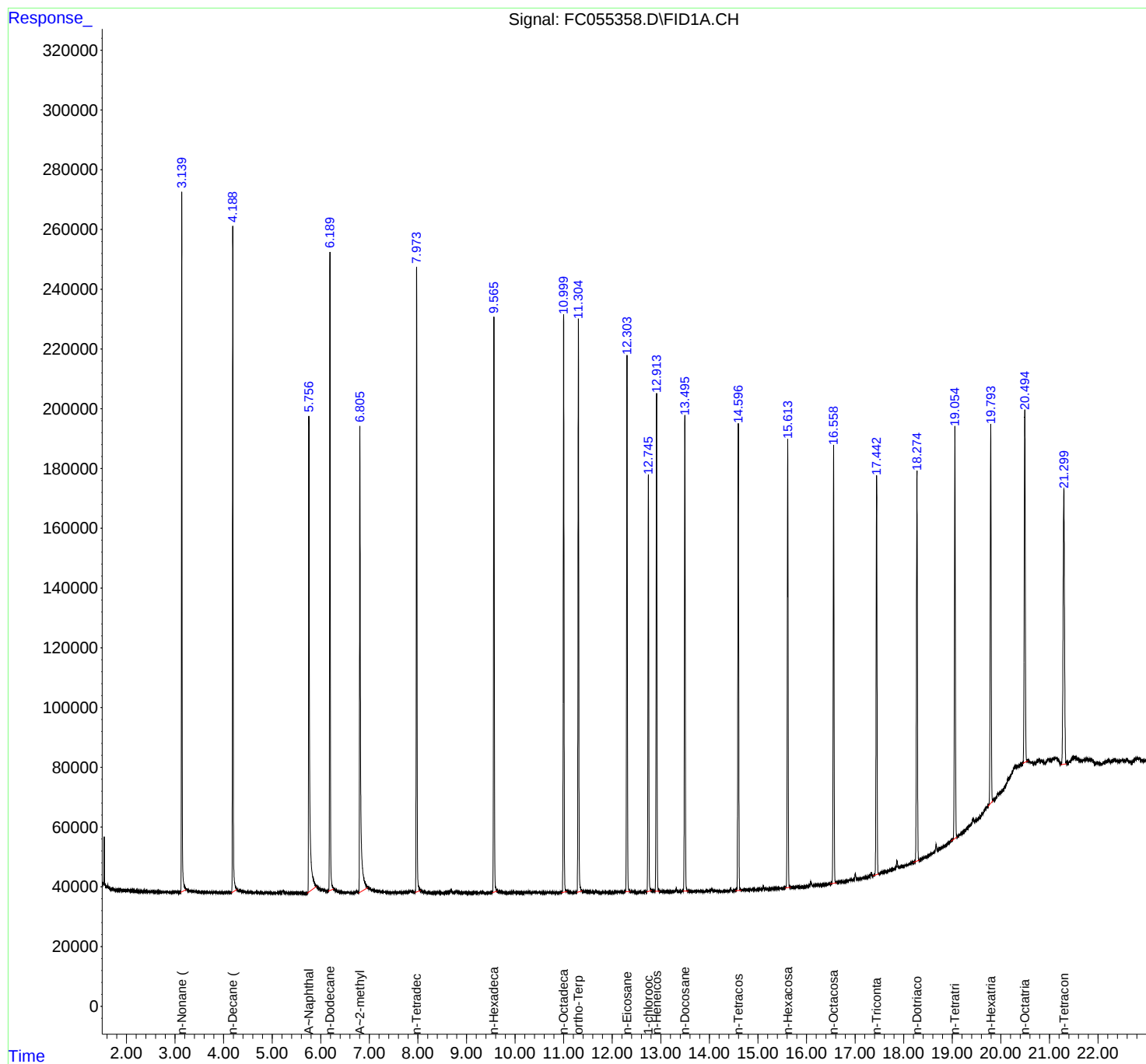
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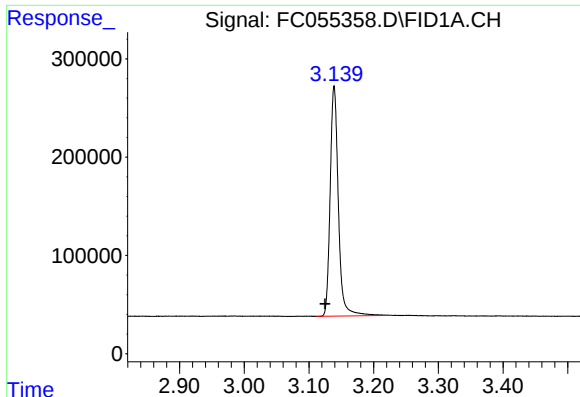
(m)=manual int.

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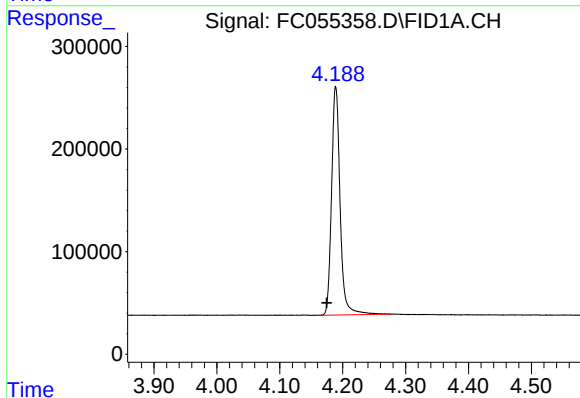
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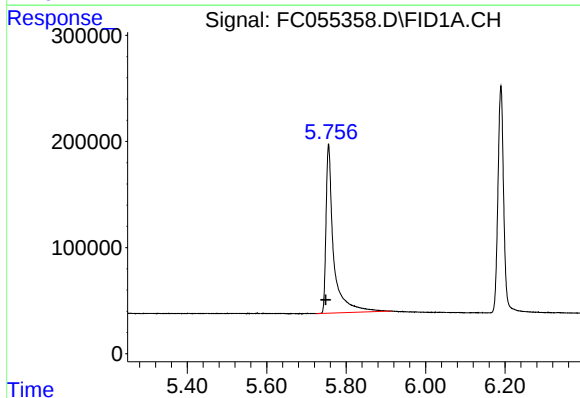
#1 n-Nonane (C9)

R.T.: 3.139 min
Delta R.T.: 0.014 min
Response: 2062391
Conc: 19.72 ug/ml



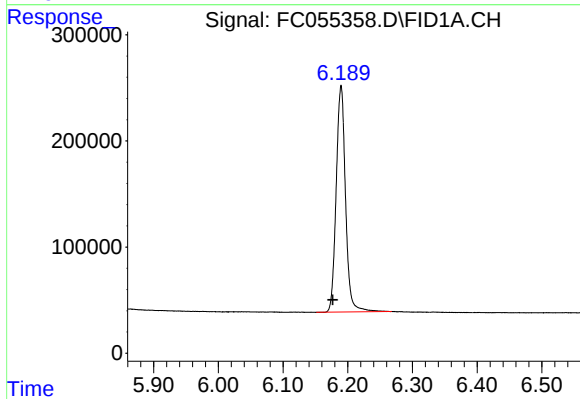
#2 n-Decane (C10)

R.T.: 4.189 min
Delta R.T.: 0.014 min
Response: 2101974
Conc: 19.96 ug/ml



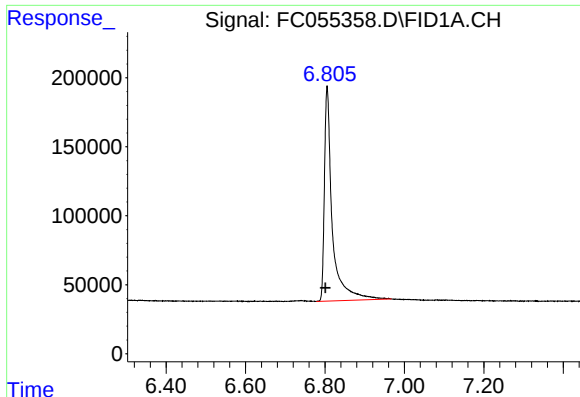
#3 A~Naphthalene (C11.7)

R.T.: 5.756 min
Delta R.T.: 0.007 min
Response: 2120924
Conc: 19.52 ug/ml



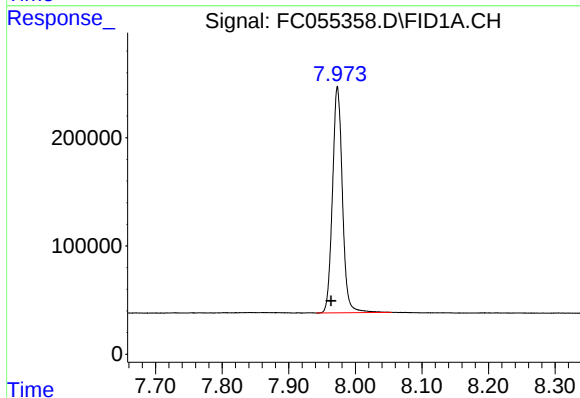
#4 n-Dodecane (C12)

R.T.: 6.190 min
Delta R.T.: 0.013 min
Response: 2146244
Conc: 19.76 ug/ml



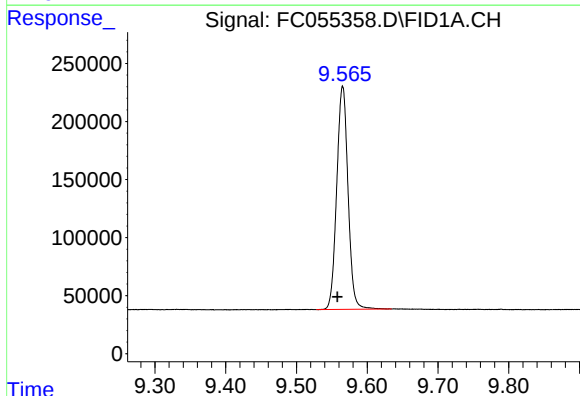
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.806 min
Delta R.T.: 0.005 min
Response: 2151985
Conc: 19.72 ug/ml



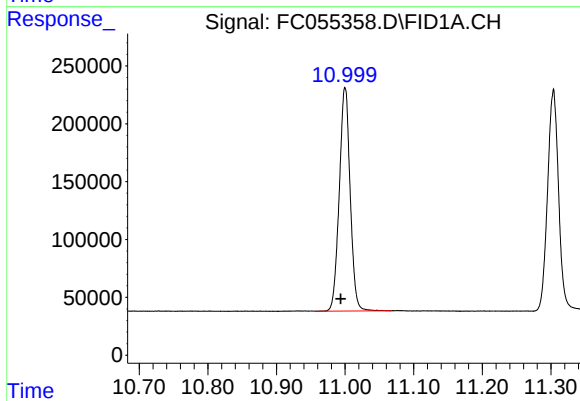
#6 n-Tetradecane (C14)

R.T.: 7.973 min
Delta R.T.: 0.010 min
Response: 2167961
Conc: 19.42 ug/ml



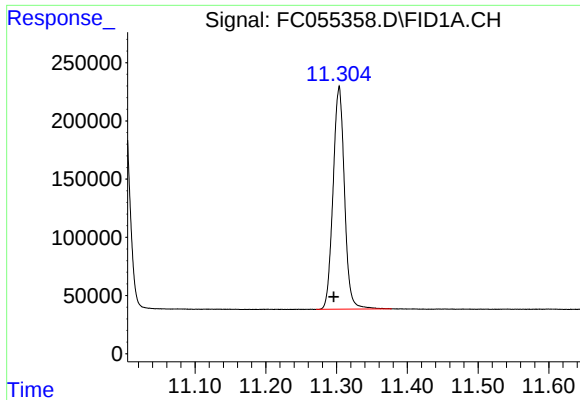
#7 n-Hexadecane (C16)

R.T.: 9.565 min
Delta R.T.: 0.007 min
Response: 2133516
Conc: 18.71 ug/ml



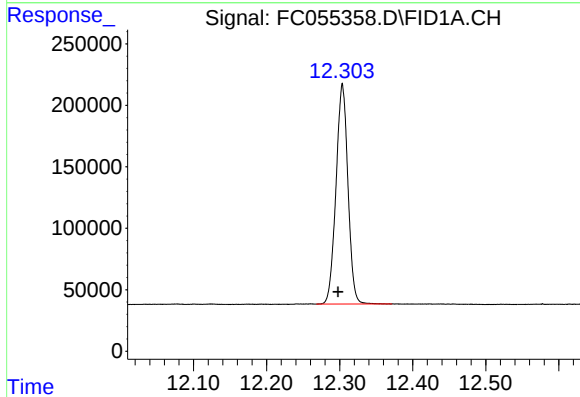
#8 n-Octadecane (C18)

R.T.: 11.000 min
Delta R.T.: 0.006 min
Response: 2126927
Conc: 18.04 ug/ml



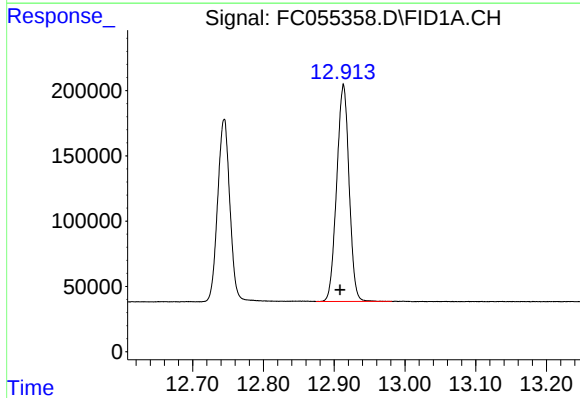
#9 ortho-Terphenyl (SURR)

R.T.: 11.304 min
Delta R.T.: 0.007 min
Response: 2144500
Conc: 17.03 ug/ml



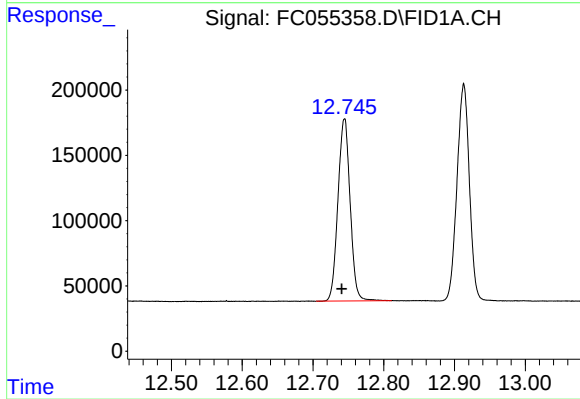
#10 n-Eicosane (C20)

R.T.: 12.304 min
Delta R.T.: 0.006 min
Response: 2033116
Conc: 17.32 ug/ml



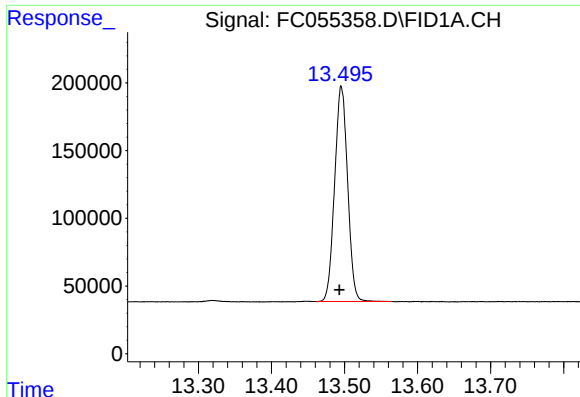
#11 n-Heneicosane (C21)

R.T.: 12.913 min
Delta R.T.: 0.005 min
Response: 2018363
Conc: 17.09 ug/ml



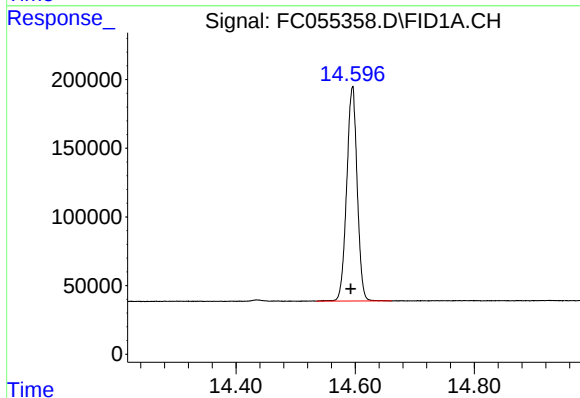
#12 1-chlorooctadecane (SURR)

R.T.: 12.744 min
Delta R.T.: 0.004 min
Response: 1669302
Conc: 16.84 ug/ml



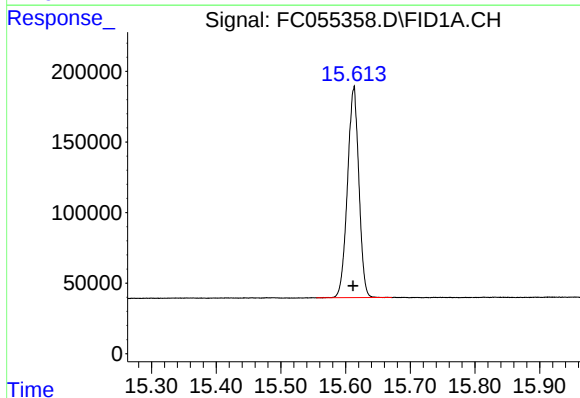
#13 n-Docosane (C22)

R.T.: 13.496 min
Delta R.T.: 0.003 min
Response: 1961885
Conc: 16.80 ug/ml



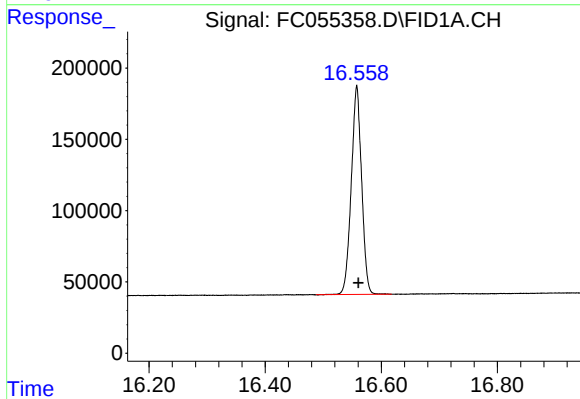
#14 n-Tetracosane (C24)

R.T.: 14.595 min
Delta R.T.: 0.003 min
Response: 1909495
Conc: 16.50 ug/ml



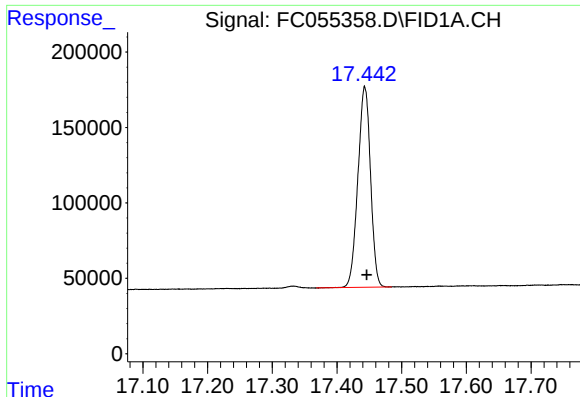
#15 n-Hexacosane (C26)

R.T.: 15.612 min
Delta R.T.: 0.000 min
Response: 1827538
Conc: 16.31 ug/ml



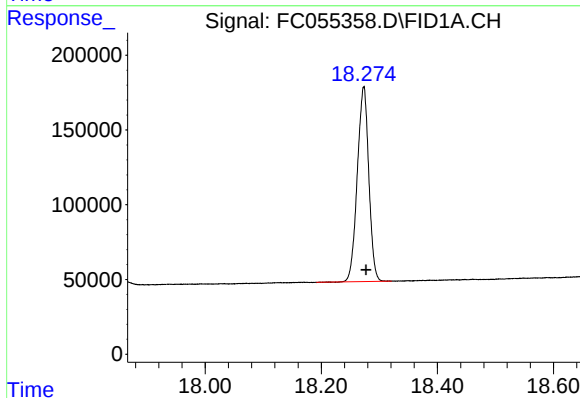
#16 n-Octacosane (C28)

R.T.: 16.558 min
Delta R.T.: -0.003 min
Response: 1811526
Conc: 16.68 ug/ml



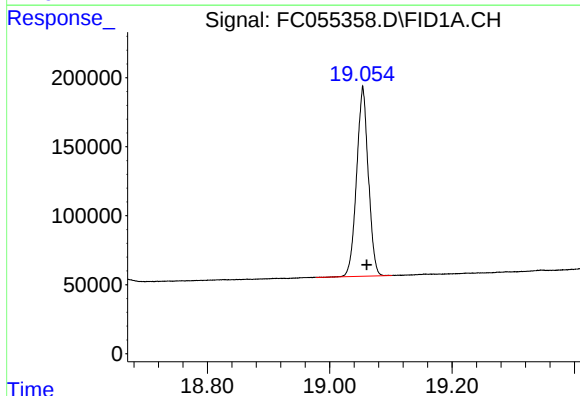
#17 n-Tricontane (C30)

R.T.: 17.443 min
Delta R.T.: -0.003 min
Response: 1800999
Conc: 17.25 ug/ml



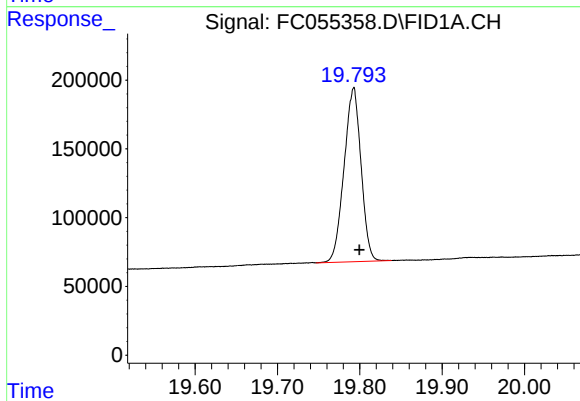
#18 n-Dotriacontane (C32)

R.T.: 18.273 min
Delta R.T.: -0.004 min
Response: 1790021
Conc: 18.07 ug/ml



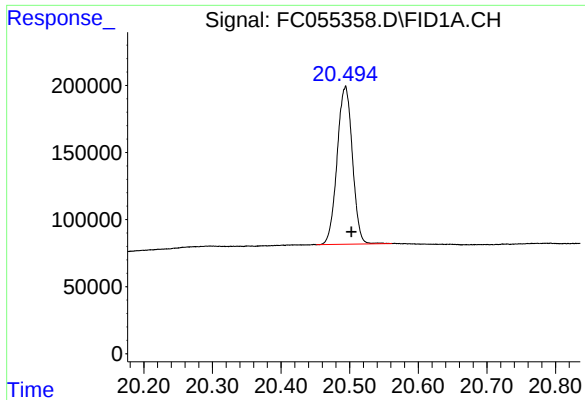
#19 n-Tetratriacontane (C34)

R.T.: 19.054 min
Delta R.T.: -0.007 min
Response: 1819255
Conc: 19.19 ug/ml



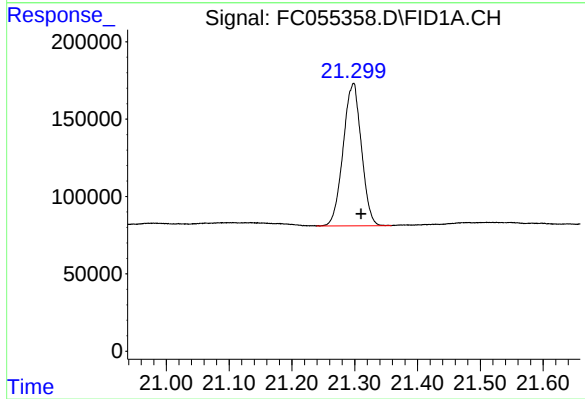
#20 n-Hexatriacontane (C36)

R.T.: 19.793 min
Delta R.T.: -0.007 min
Response: 1811948
Conc: 20.05 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.494 min
Delta R.T.: -0.009 min
Response: 1812479
Conc: 20.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.299 min
Delta R.T.: -0.012 min
Response: 1859087
Conc: 20.88 ug/ml m