

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090721AL\
 Data File : FC055534.D
 Signal(s) : FID1A.CH
 Acq On : 08 Sep 2021 00:19
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 08 09:30:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:45:39 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)	11.657	2347684	18.793 ug/ml
Spiked Amount 50.000		Recovery =	37.59%
12) S 1-chlorooctadecane (S...	13.091	1814226	18.332 ug/ml
Spiked Amount 50.000		Recovery =	36.66%
Target Compounds			
1) T n-Nonane (C9)	3.399	2273374	21.031 ug/ml
2) T n-Decane (C10)	4.469	2314841	21.229 ug/ml
3) T A~Naphthalene (C11.7)	6.062	2582902	20.961 ug/ml
4) T n-Dodecane (C12)	6.492	2318846	21.178 ug/ml
5) T A~2-methylnaphthalene...	7.121	2596563	20.865 ug/ml
6) T n-Tetradecane (C14)	8.289	2327388	20.897 ug/ml
7) T n-Hexadecane (C16)	9.892	2297491	20.329 ug/ml
8) T n-Octadecane (C18)	11.336	2284864	19.625 ug/ml
10) T n-Eicosane (C20)	12.645	2189769	18.741 ug/ml
11) T n-Heneicosane (C21)	13.258	2163756	18.384 ug/ml
13) T n-Docosane (C22)	13.843	2099102	17.995 ug/ml
14) T n-Tetracosane (C24)	14.947	2006824	17.232 ug/ml
15) T n-Hexacosane (C26)	15.966	1872015	16.525 ug/ml
16) T n-Octacosane (C28)	16.916	1793448	16.208 ug/ml
17) T n-Tricontane (C30)	17.802	1735191	16.318 ug/ml
18) T n-Dotriacontane (C32)	18.634	1698213	16.945 ug/ml
19) T n-Tetratriacontane (C34)	19.418	1697836	17.990 ug/ml
20) T n-Hexatriacontane (C36)	20.155	1673333	19.272 ug/ml
21) T n-Octatriacontane (C38)	20.903	1621615	19.895 ug/ml
22) T n-Tetracontane (C40)	21.839	1685096	20.981 ug/ml

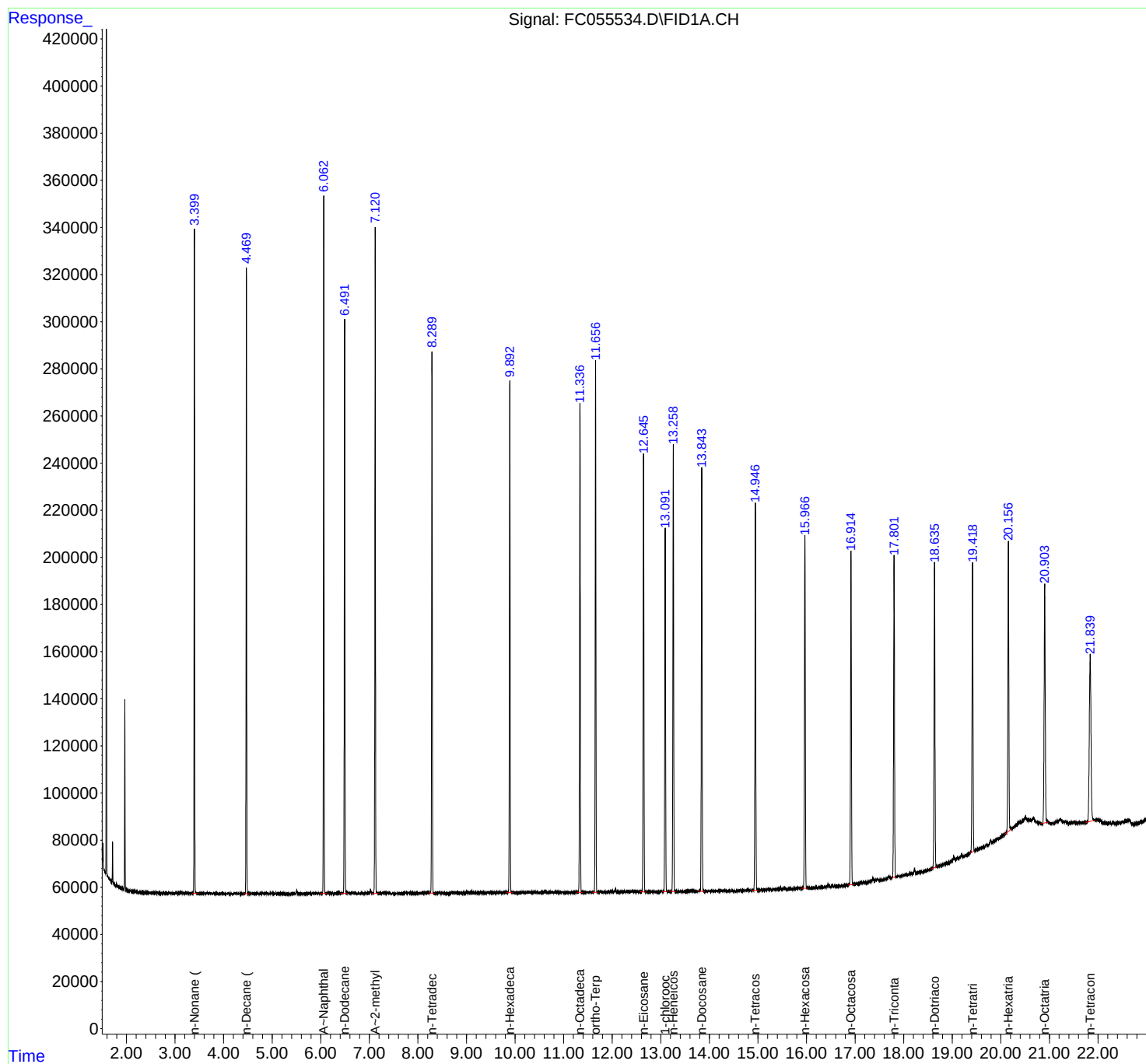
(f)=RT Delta > 1/2 Window

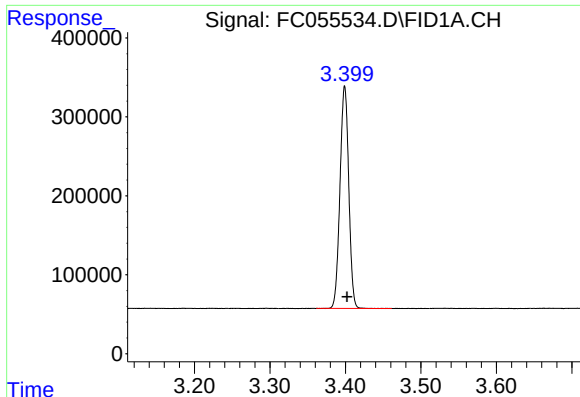
(m)=manual int.

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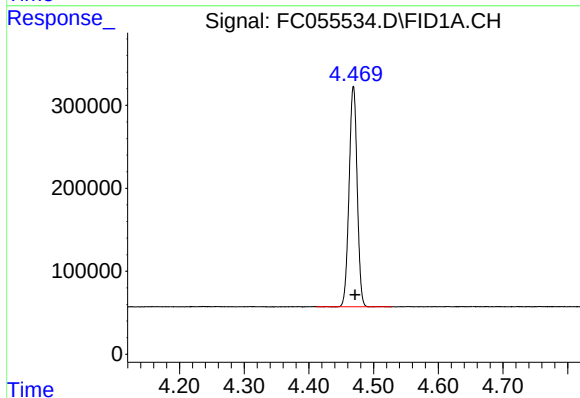
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Signal Info : 20M x 0.18mm x 0.18um





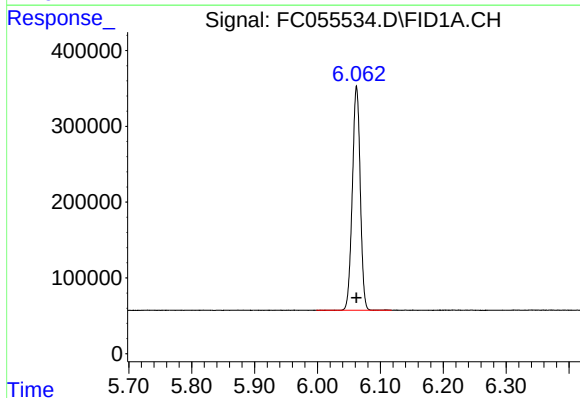
#1 n-Nonane (C9)

R.T.: 3.399 min
Delta R.T.: -0.003 min
Response: 2273374
Conc: 21.03 ug/ml



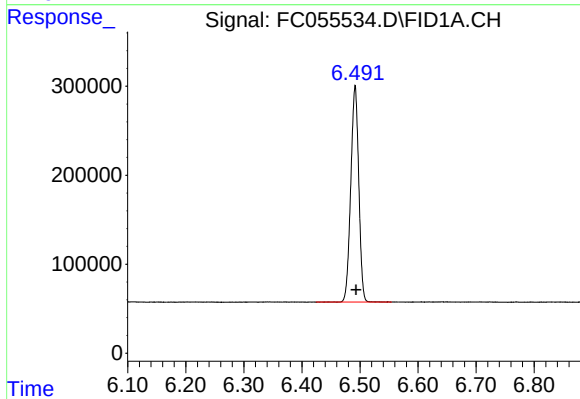
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: -0.002 min
Response: 2314841
Conc: 21.23 ug/ml



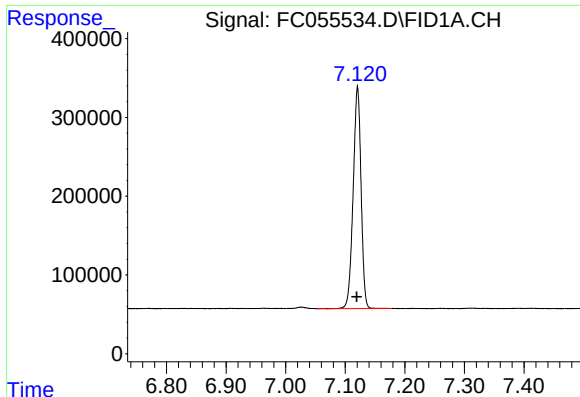
#3 A~Naphthalene (C11.7)

R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 2582902
Conc: 20.96 ug/ml



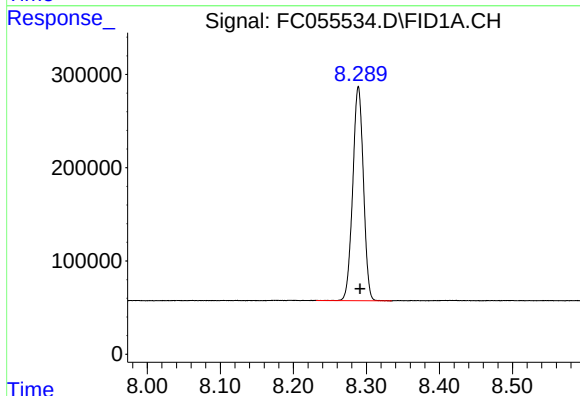
#4 n-Dodecane (C12)

R.T.: 6.492 min
Delta R.T.: -0.002 min
Response: 2318846
Conc: 21.18 ug/ml



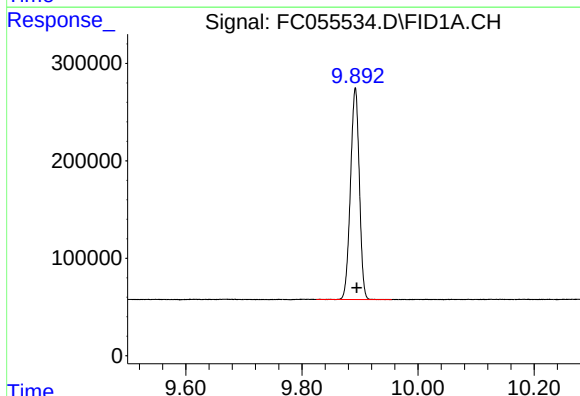
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.121 min
Delta R.T.: 0.001 min
Response: 2596563
Conc: 20.86 ug/ml



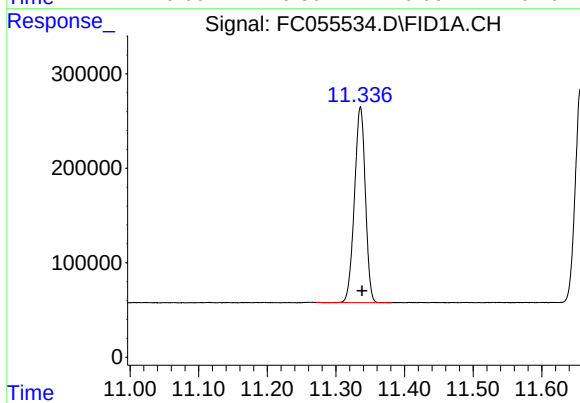
#6 n-Tetradecane (C14)

R.T.: 8.289 min
Delta R.T.: -0.002 min
Response: 2327388
Conc: 20.90 ug/ml



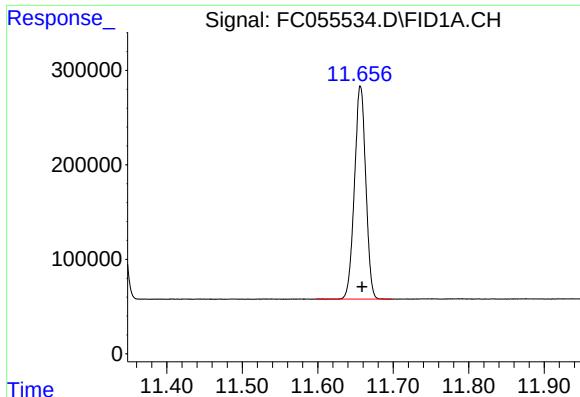
#7 n-Hexadecane (C16)

R.T.: 9.892 min
Delta R.T.: -0.002 min
Response: 2297491
Conc: 20.33 ug/ml



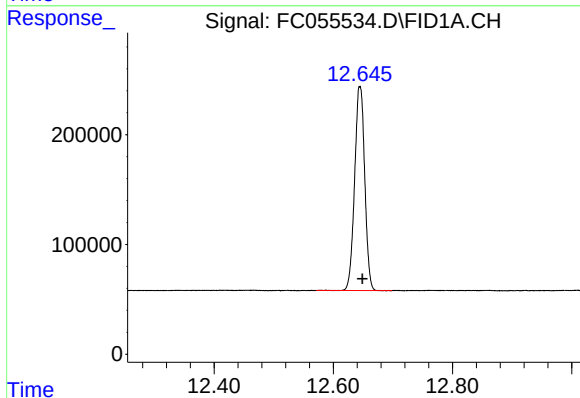
#8 n-Octadecane (C18)

R.T.: 11.336 min
Delta R.T.: -0.003 min
Response: 2284864
Conc: 19.62 ug/ml



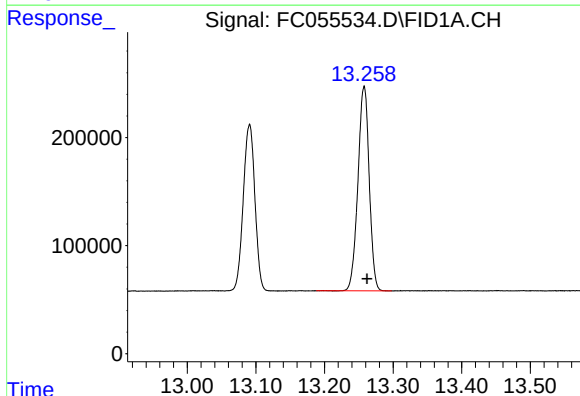
#9 ortho-Terphenyl (SURR)

R.T.: 11.657 min
Delta R.T.: -0.002 min
Response: 2347684
Conc: 18.79 ug/ml



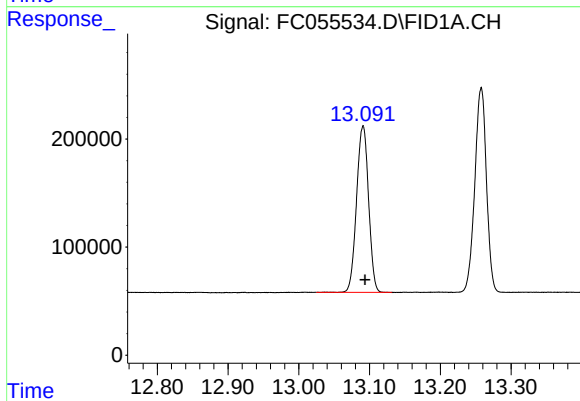
#10 n-Eicosane (C20)

R.T.: 12.645 min
Delta R.T.: -0.004 min
Response: 2189769
Conc: 18.74 ug/ml



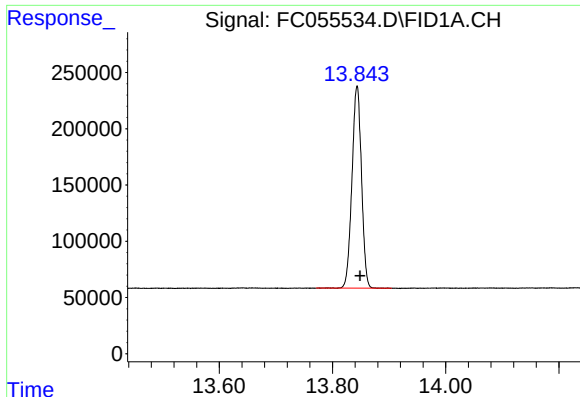
#11 n-Heneicosane (C21)

R.T.: 13.258 min
Delta R.T.: -0.004 min
Response: 2163756
Conc: 18.38 ug/ml



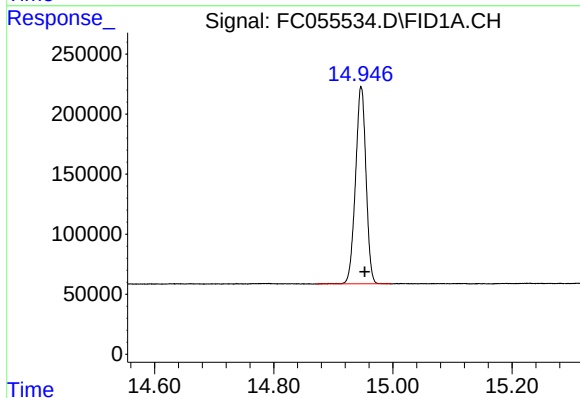
#12 1-chlorooctadecane (SURR)

R.T.: 13.091 min
Delta R.T.: -0.003 min
Response: 1814226
Conc: 18.33 ug/ml



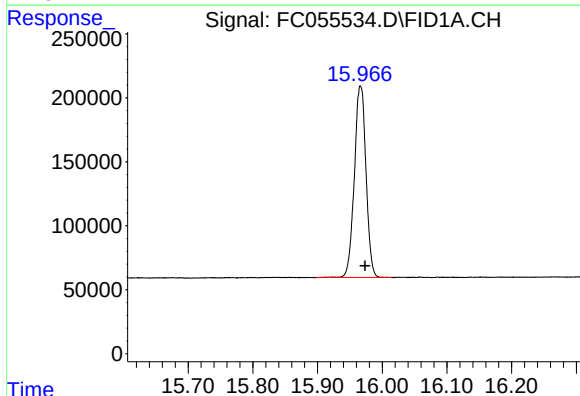
#13 n-Docosane (C22)

R.T.: 13.843 min
Delta R.T.: -0.005 min
Response: 2099102
Conc: 17.99 ug/ml



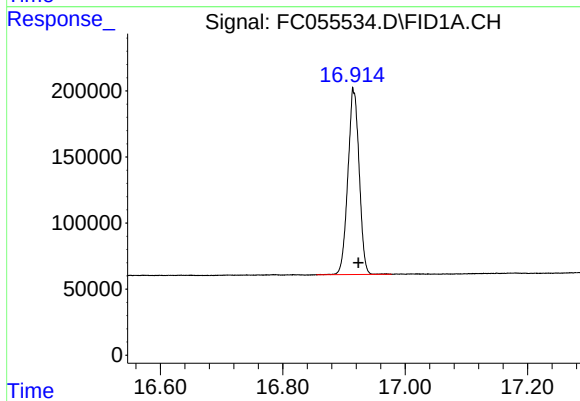
#14 n-Tetracosane (C24)

R.T.: 14.947 min
Delta R.T.: -0.006 min
Response: 2006824
Conc: 17.23 ug/ml



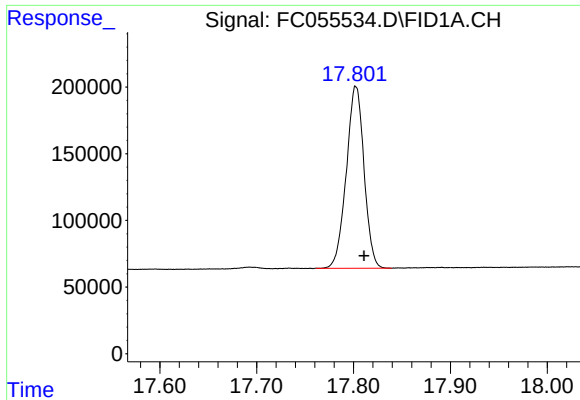
#15 n-Hexacosane (C26)

R.T.: 15.966 min
Delta R.T.: -0.007 min
Response: 1872015
Conc: 16.53 ug/ml



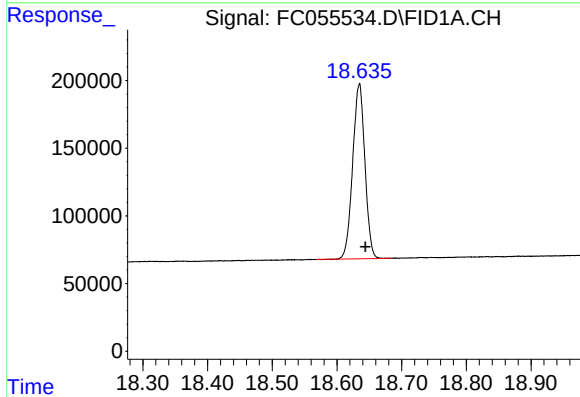
#16 n-Octacosane (C28)

R.T.: 16.916 min
Delta R.T.: -0.007 min
Response: 1793448
Conc: 16.21 ug/ml



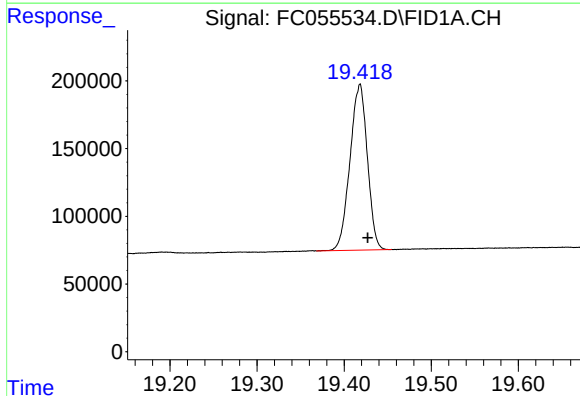
#17 n-Tricontane (C30)

R.T.: 17.802 min
Delta R.T.: -0.008 min
Response: 1735191
Conc: 16.32 ug/ml



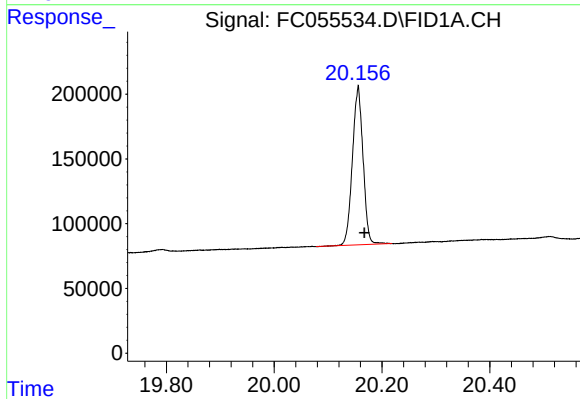
#18 n-Dotriacontane (C32)

R.T.: 18.634 min
Delta R.T.: -0.010 min
Response: 1698213
Conc: 16.94 ug/ml



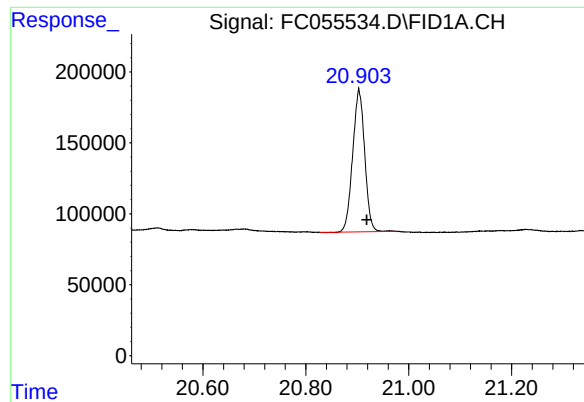
#19 n-Tetratriacontane (C34)

R.T.: 19.418 min
Delta R.T.: -0.010 min
Response: 1697836
Conc: 17.99 ug/ml



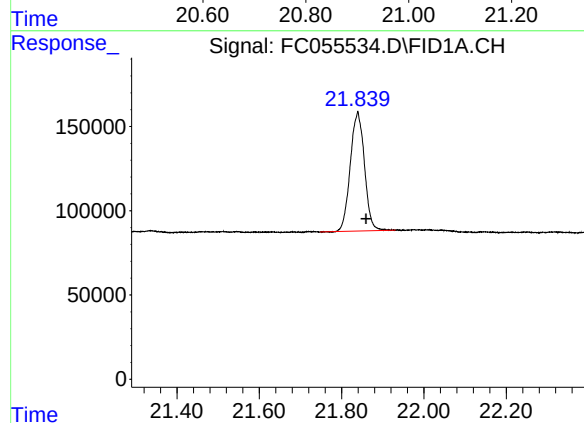
#20 n-Hexatriacontane (C36)

R.T.: 20.155 min
Delta R.T.: -0.012 min
Response: 1673333
Conc: 19.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.903 min
Delta R.T.: -0.015 min
Response: 1621615
Conc: 19.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.839 min
Delta R.T.: -0.021 min
Response: 1685096
Conc: 20.98 ug/ml