

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111621AL\
 Data File : FC056836.D
 Signal(s) : FID1A.CH
 Acq On : 16 Nov 2021 13:52
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 17 00:31:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.604	2077032	16.775 ug/ml
Spiked Amount 50.000		Recovery =	33.55%
12) S 1-chlorooctadecane (S...	13.035	1600455	16.633 ug/ml
Spiked Amount 50.000		Recovery =	33.27%
Target Compounds			
1) T n-Nonane (C9)	3.365	2072257	19.146 ug/ml
2) T n-Decane (C10)	4.432	2057144	19.097 ug/ml
3) T A~Naphthalene (C11.7)	6.022	2262298	18.555 ug/ml
4) T n-Dodecane (C12)	6.451	2078974	18.859 ug/ml
5) T A~2-methylnaphthalene...	7.079	2244945	18.332 ug/ml
6) T n-Tetradecane (C14)	8.245	2064471	18.389 ug/ml
7) T n-Hexadecane (C16)	9.844	2050711	18.038 ug/ml
8) T n-Octadecane (C18)	11.284	2052855	17.567 ug/ml
10) T n-Eicosane (C20)	12.591	1960564	17.059 ug/ml
11) T n-Heneicosane (C21)	13.202	1934335	16.832 ug/ml
13) T n-Docosane (C22)	13.787	1875001	16.654 ug/ml
14) T n-Tetracosane (C24)	14.886	1814526	16.465 ug/ml
15) T n-Hexacosane (C26)	15.905	1734413	16.433 ug/ml
16) T n-Octacosane (C28)	16.851	1717559	16.558 ug/ml
17) T n-Tricontane (C30)	17.734	1720427	16.605 ug/ml
18) T n-Dotriacontane (C32)	18.564	1714401	17.894 ug/ml
19) T n-Tetratriacontane (C34)	19.343	1735715	19.789 ug/ml
20) T n-Hexatriacontane (C36)	20.079	1702154	20.796 ug/ml
21) T n-Octatriacontane (C38)	20.812	1686357	21.086 ug/ml
22) T n-Tetracontane (C40)	21.721	1704091	20.683 ug/ml

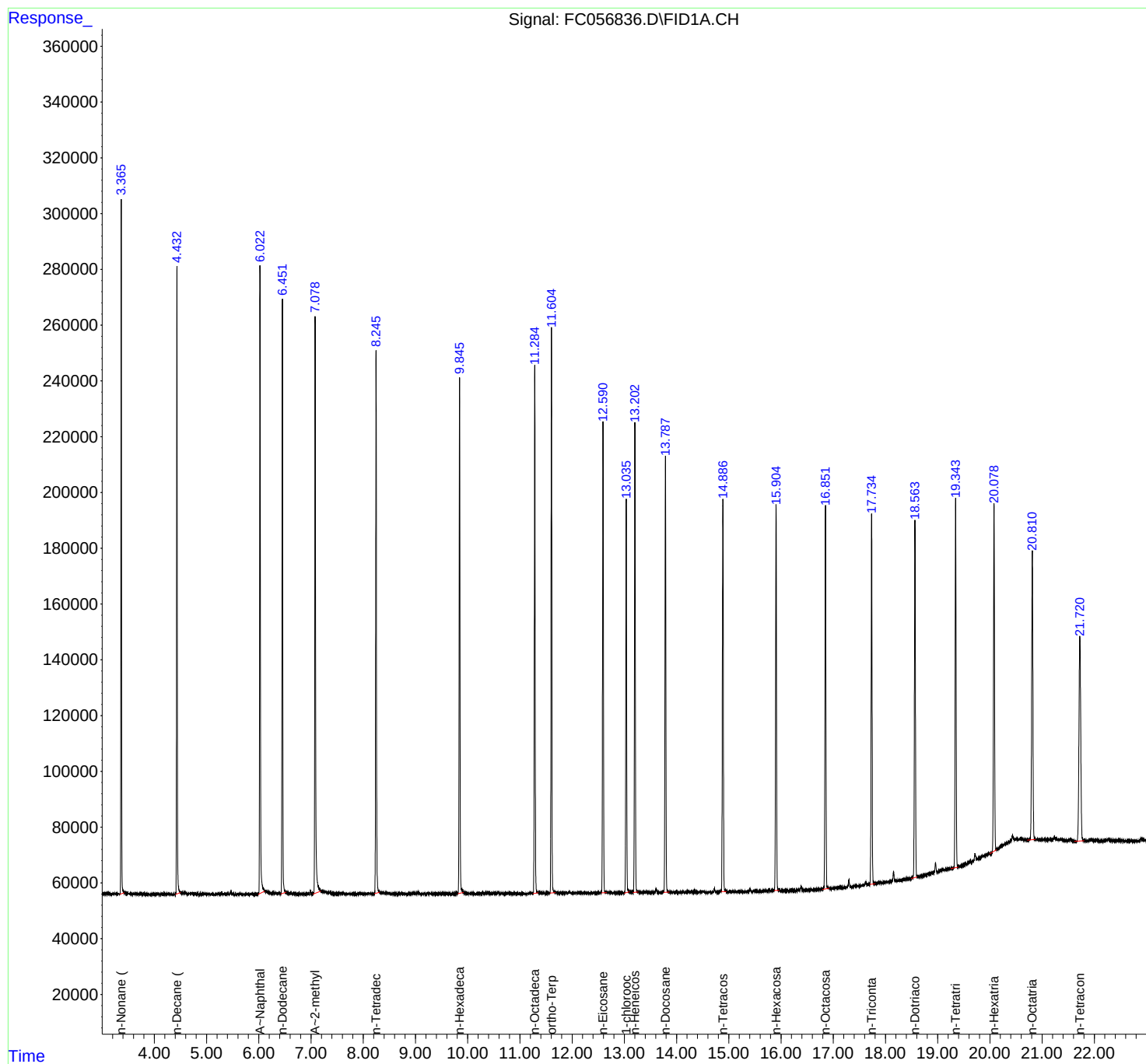
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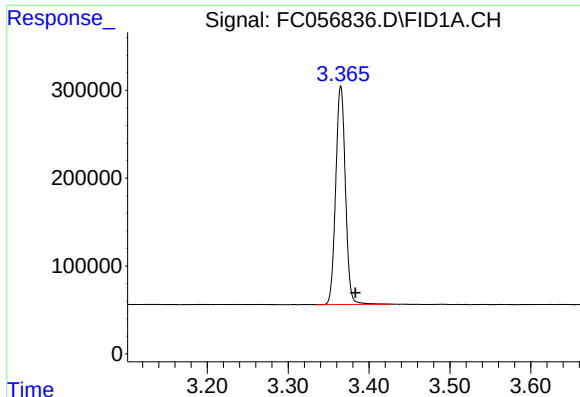
(m)=manual int.

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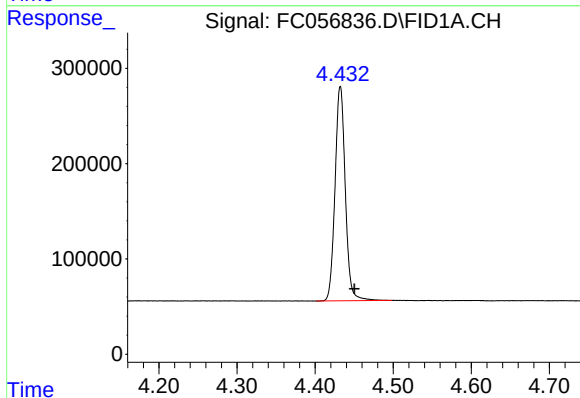
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





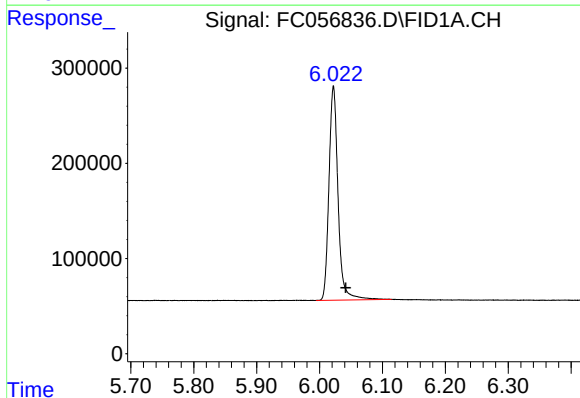
#1 n-Nonane (C9)

R.T.: 3.365 min
Delta R.T.: -0.018 min
Response: 2072257
Conc: 19.15 ug/ml



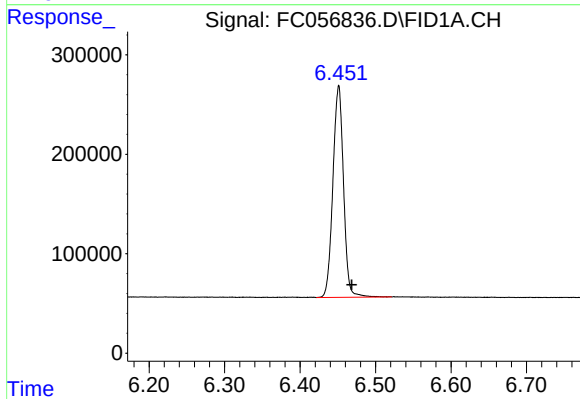
#2 n-Decane (C10)

R.T.: 4.432 min
Delta R.T.: -0.018 min
Response: 2057144
Conc: 19.10 ug/ml



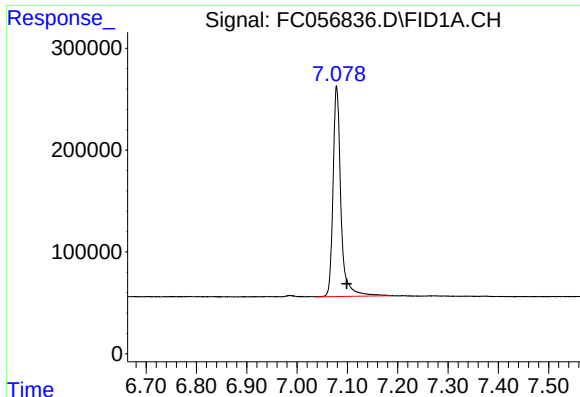
#3 A~Naphthalene (C11.7)

R.T.: 6.022 min
Delta R.T.: -0.020 min
Response: 2262298
Conc: 18.56 ug/ml



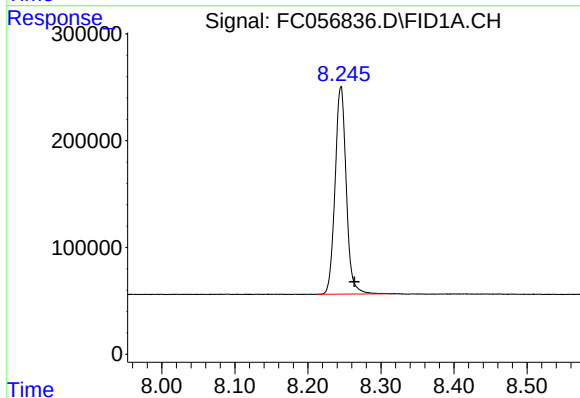
#4 n-Dodecane (C12)

R.T.: 6.451 min
Delta R.T.: -0.018 min
Response: 2078974
Conc: 18.86 ug/ml



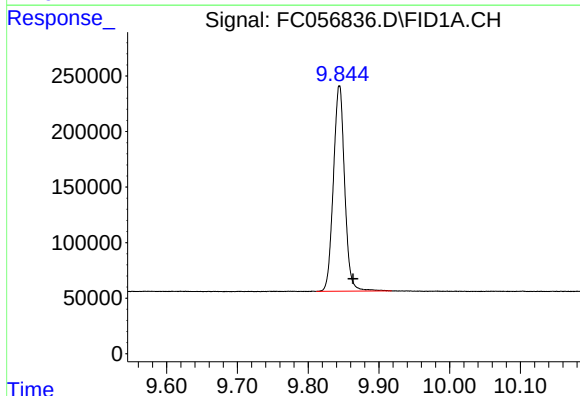
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.079 min
Delta R.T.: -0.020 min
Response: 2244945
Conc: 18.33 ug/ml



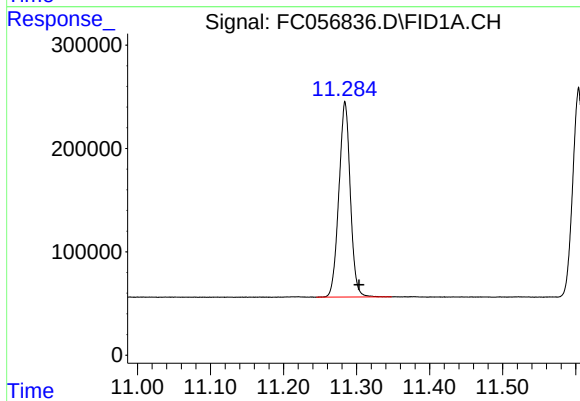
#6 n-Tetradecane (C14)

R.T.: 8.245 min
Delta R.T.: -0.019 min
Response: 2064471
Conc: 18.39 ug/ml



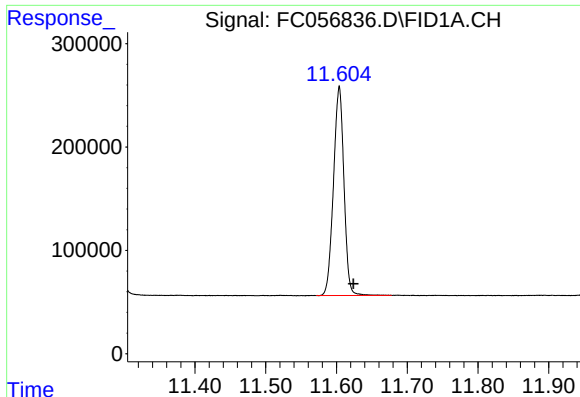
#7 n-Hexadecane (C16)

R.T.: 9.844 min
Delta R.T.: -0.020 min
Response: 2050711
Conc: 18.04 ug/ml



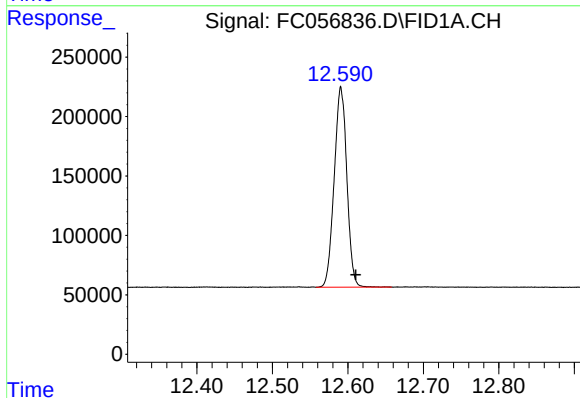
#8 n-Octadecane (C18)

R.T.: 11.284 min
Delta R.T.: -0.019 min
Response: 2052855
Conc: 17.57 ug/ml



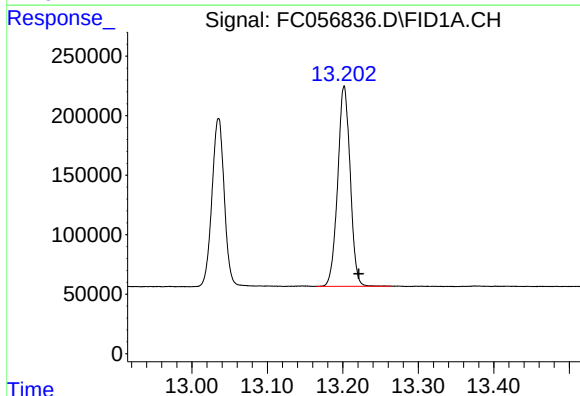
#9 ortho-Terphenyl (SURR)

R.T.: 11.604 min
Delta R.T.: -0.020 min
Response: 2077032
Conc: 16.77 ug/ml



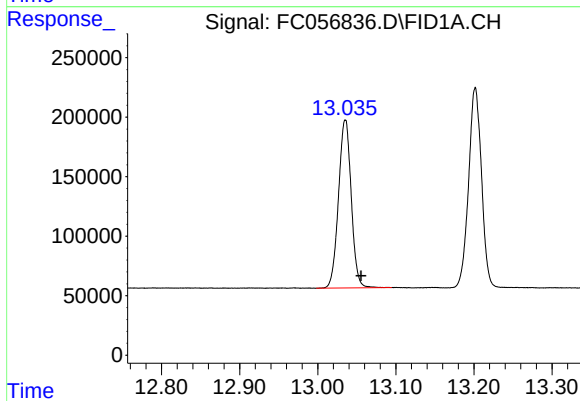
#10 n-Eicosane (C20)

R.T.: 12.591 min
Delta R.T.: -0.019 min
Response: 1960564
Conc: 17.06 ug/ml



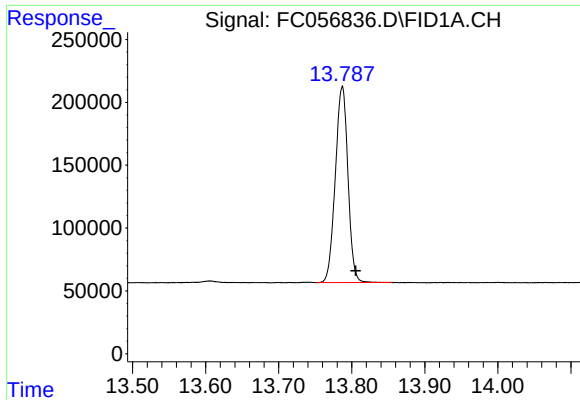
#11 n-Heneicosane (C21)

R.T.: 13.202 min
Delta R.T.: -0.019 min
Response: 1934335
Conc: 16.83 ug/ml



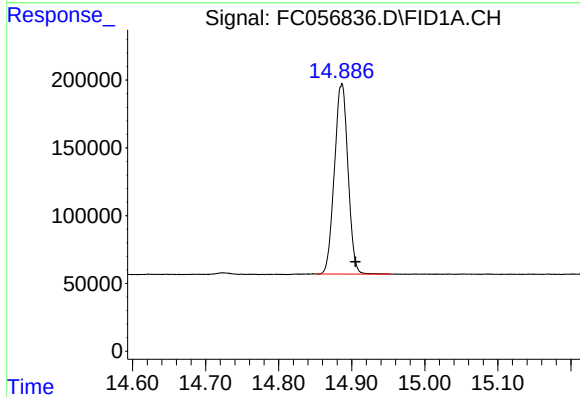
#12 1-chlorooctadecane (SURR)

R.T.: 13.035 min
Delta R.T.: -0.020 min
Response: 1600455
Conc: 16.63 ug/ml



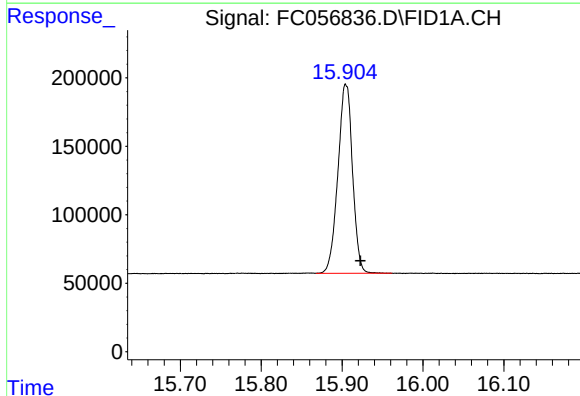
#13 n-Docosane (C22)

R.T.: 13.787 min
Delta R.T.: -0.019 min
Response: 1875001
Conc: 16.65 ug/ml



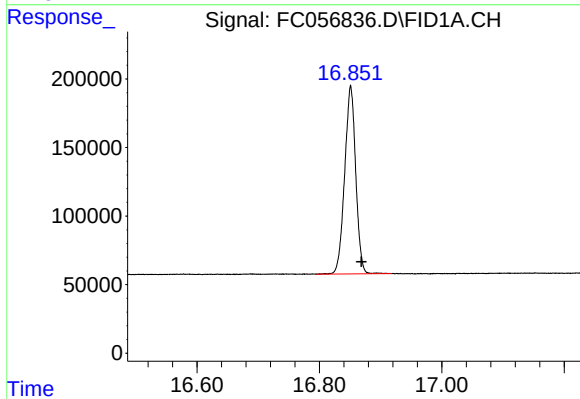
#14 n-Tetracosane (C24)

R.T.: 14.886 min
Delta R.T.: -0.019 min
Response: 1814526
Conc: 16.47 ug/ml



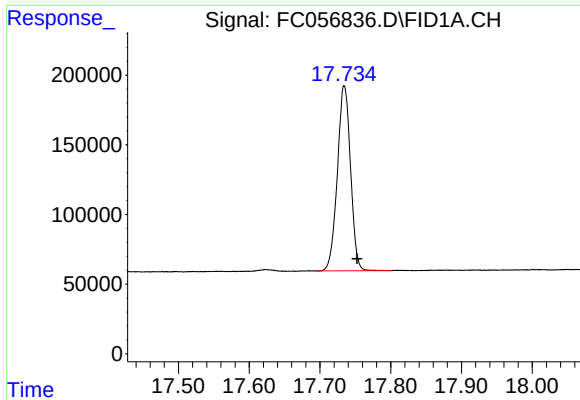
#15 n-Hexacosane (C26)

R.T.: 15.905 min
Delta R.T.: -0.018 min
Response: 1734413
Conc: 16.43 ug/ml



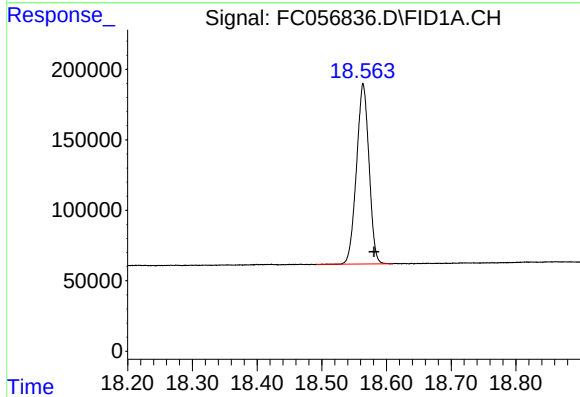
#16 n-Octacosane (C28)

R.T.: 16.851 min
Delta R.T.: -0.018 min
Response: 1717559
Conc: 16.56 ug/ml



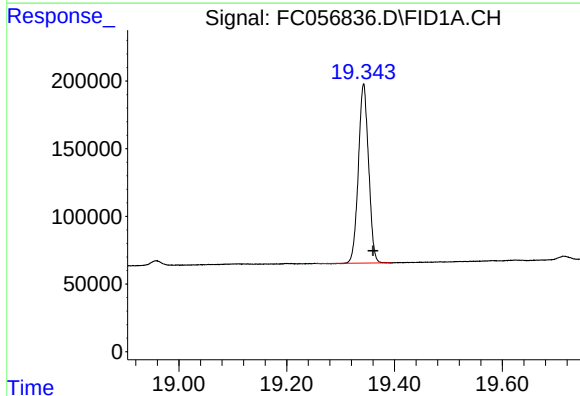
#17 n-Tricontane (C30)

R.T.: 17.734 min
Delta R.T.: -0.018 min
Response: 1720427
Conc: 16.61 ug/ml



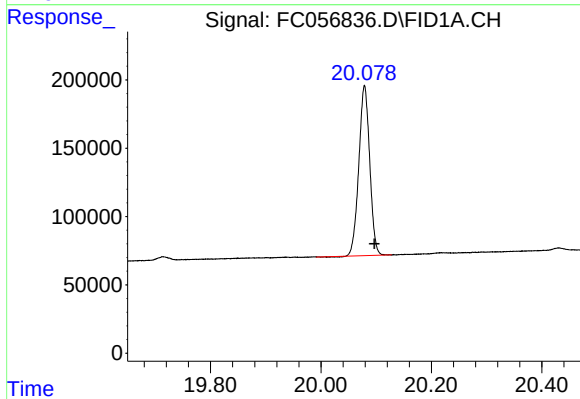
#18 n-Dotriacontane (C32)

R.T.: 18.564 min
Delta R.T.: -0.017 min
Response: 1714401
Conc: 17.89 ug/ml



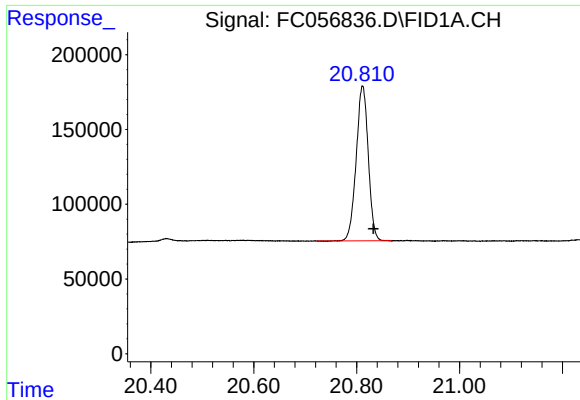
#19 n-Tetratriacontane (C34)

R.T.: 19.343 min
Delta R.T.: -0.018 min
Response: 1735715
Conc: 19.79 ug/ml



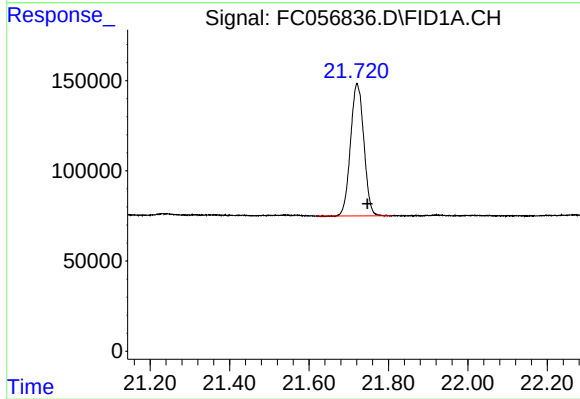
#20 n-Hexatriacontane (C36)

R.T.: 20.079 min
Delta R.T.: -0.018 min
Response: 1702154
Conc: 20.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.812 min
Delta R.T.: -0.021 min
Response: 1686357
Conc: 21.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.721 min
Delta R.T.: -0.026 min
Response: 1704091
Conc: 20.68 ug/ml