

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102021AL\
 Data File : FC056290.D
 Signal(s) : FID1A.CH
 Acq On : 20 Oct 2021 12:28
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 21 08:50:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 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)	11.627	1930600	16.270 ug/ml
Spiked Amount 50.000		Recovery =	32.54%
12) S 1-chlorooctadecane (S...	13.057	1479975	16.109 ug/ml
Spiked Amount 50.000		Recovery =	32.22%
Target Compounds			
1) T n-Nonane (C9)	3.384	2077320	19.466 ug/ml
2) T n-Decane (C10)	4.451	2066085	19.328 ug/ml
3) T A~Naphthalene (C11.7)	6.042	2207350	18.346 ug/ml
4) T n-Dodecane (C12)	6.470	2028842	18.692 ug/ml
5) T A~2-methylnaphthalene...	7.100	2144603	17.655 ug/ml
6) T n-Tetradecane (C14)	8.264	1977717	17.876 ug/ml
7) T n-Hexadecane (C16)	9.864	1910832	17.263 ug/ml
8) T n-Octadecane (C18)	11.306	1889108	16.879 ug/ml
10) T n-Eicosane (C20)	12.612	1803441	16.511 ug/ml
11) T n-Heneicosane (C21)	13.223	1784850	16.416 ug/ml
13) T n-Docosane (C22)	13.807	1743949	16.329 ug/ml
14) T n-Tetracosane (C24)	14.907	1720407	16.452 ug/ml
15) T n-Hexacosane (C26)	15.925	1693423	16.854 ug/ml
16) T n-Octacosane (C28)	16.872	1698881	17.563 ug/ml
17) T n-Tricontane (C30)	17.756	1723286	18.573 ug/ml
18) T n-Dotriacontane (C32)	18.584	1707912	19.210 ug/ml
19) T n-Tetratriacontane (C34)	19.364	1659784	19.191 ug/ml
20) T n-Hexatriacontane (C36)	20.100	1565581	19.162 ug/ml
21) T n-Octatriacontane (C38)	20.835	1492164	18.725 ug/ml
22) T n-Tetracontane (C40)	21.752	1472956	18.375 ug/ml

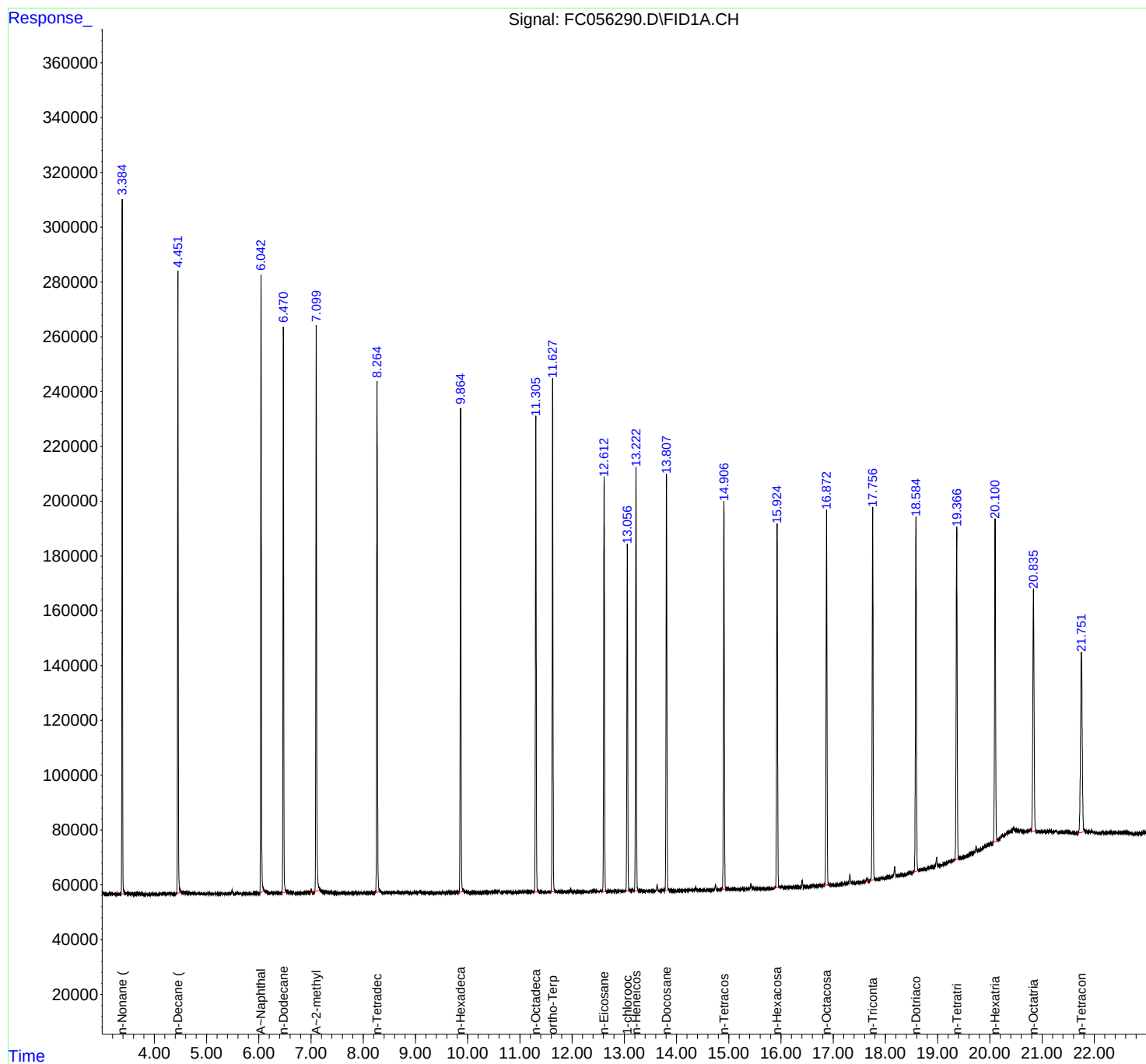
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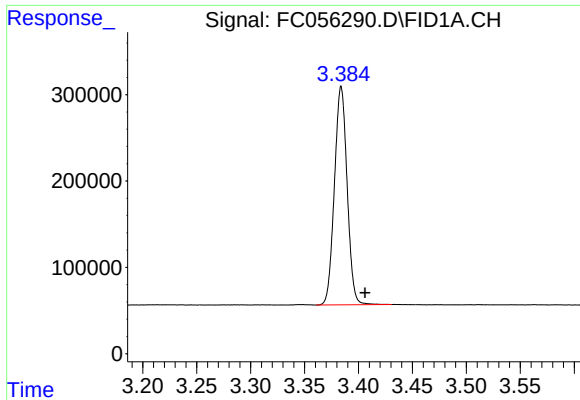
(m)=manual int.

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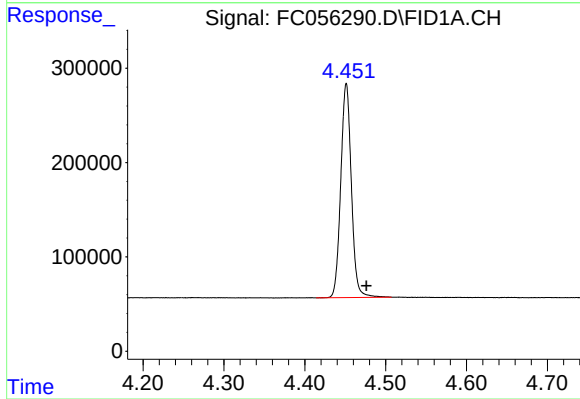
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





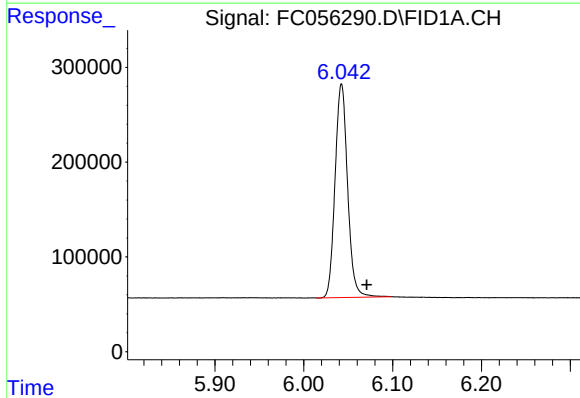
#1 n-Nonane (C9)

R.T.: 3.384 min
Delta R.T.: -0.022 min
Response: 2077320
Conc: 19.47 ug/ml



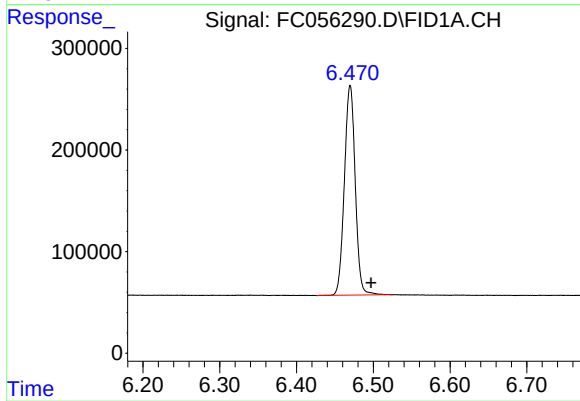
#2 n-Decane (C10)

R.T.: 4.451 min
Delta R.T.: -0.025 min
Response: 2066085
Conc: 19.33 ug/ml



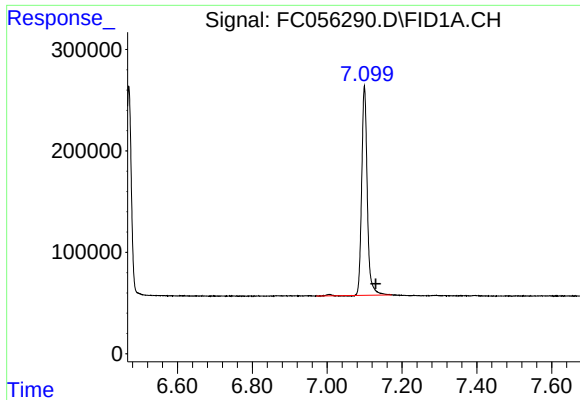
#3 A~Naphthalene (C11.7)

R.T.: 6.042 min
Delta R.T.: -0.029 min
Response: 2207350
Conc: 18.35 ug/ml



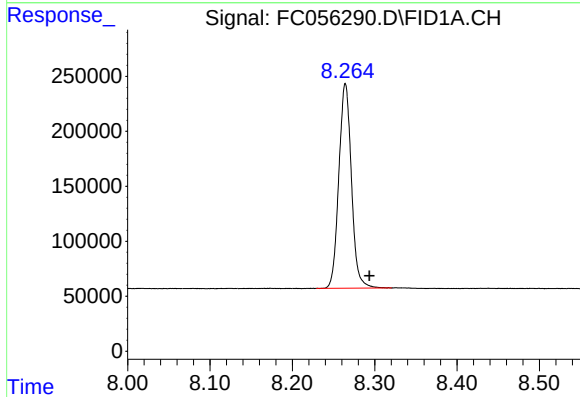
#4 n-Dodecane (C12)

R.T.: 6.470 min
Delta R.T.: -0.027 min
Response: 2028842
Conc: 18.69 ug/ml



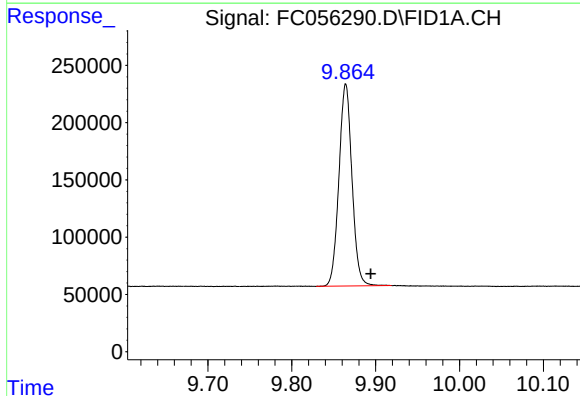
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.100 min
Delta R.T.: -0.031 min
Response: 2144603
Conc: 17.65 ug/ml



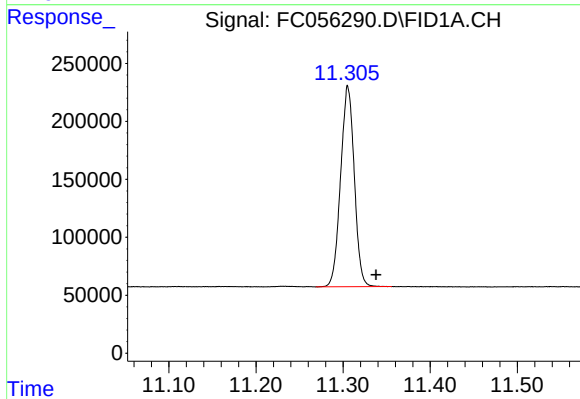
#6 n-Tetradecane (C14)

R.T.: 8.264 min
Delta R.T.: -0.029 min
Response: 1977717
Conc: 17.88 ug/ml



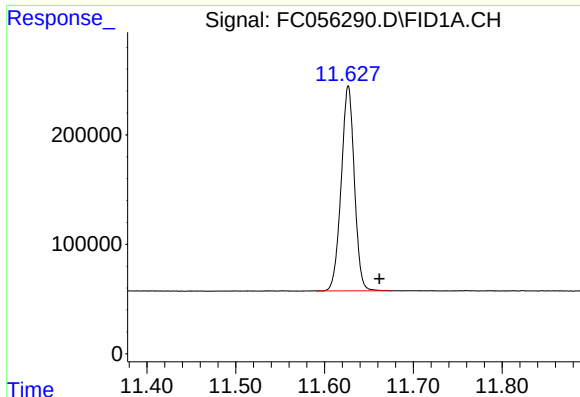
#7 n-Hexadecane (C16)

R.T.: 9.864 min
Delta R.T.: -0.030 min
Response: 1910832
Conc: 17.26 ug/ml



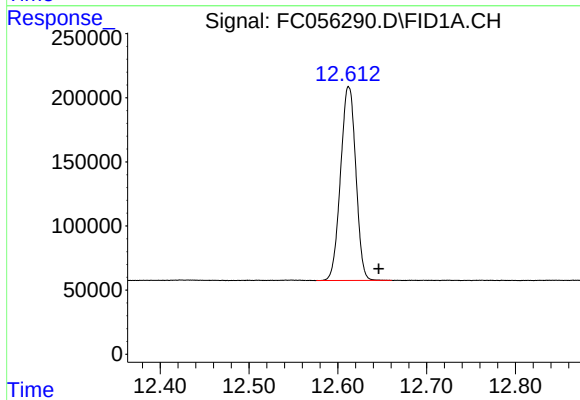
#8 n-Octadecane (C18)

R.T.: 11.306 min
Delta R.T.: -0.032 min
Response: 1889108
Conc: 16.88 ug/ml



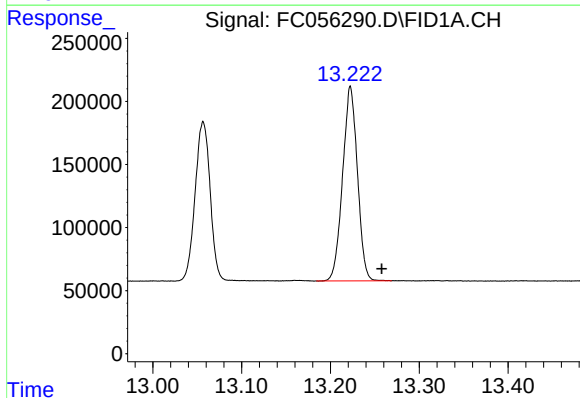
#9 ortho-Terphenyl (SURR)

R.T.: 11.627 min
Delta R.T.: -0.035 min
Response: 1930600
Conc: 16.27 ug/ml



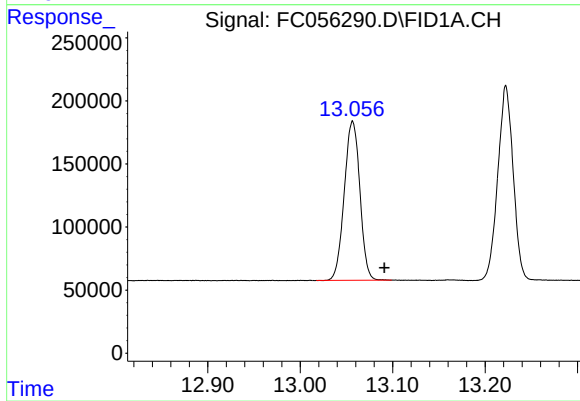
#10 n-Eicosane (C20)

R.T.: 12.612 min
Delta R.T.: -0.034 min
Response: 1803441
Conc: 16.51 ug/ml



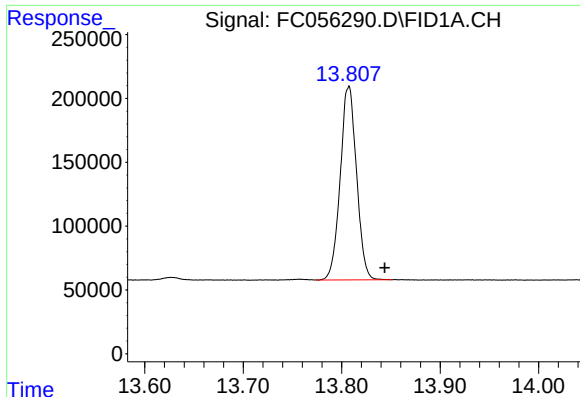
#11 n-Heneicosane (C21)

R.T.: 13.223 min
Delta R.T.: -0.035 min
Response: 1784850
Conc: 16.42 ug/ml



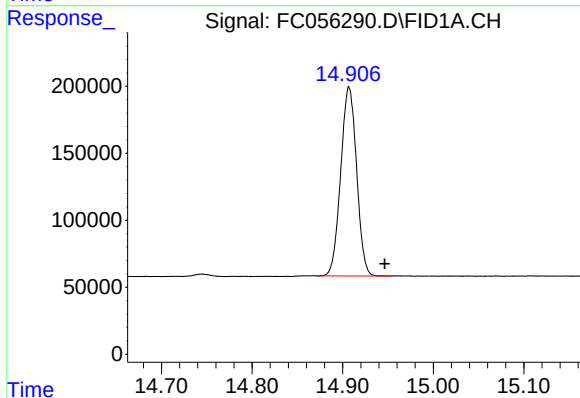
#12 1-chlorooctadecane (SURR)

R.T.: 13.057 min
Delta R.T.: -0.034 min
Response: 1479975
Conc: 16.11 ug/ml



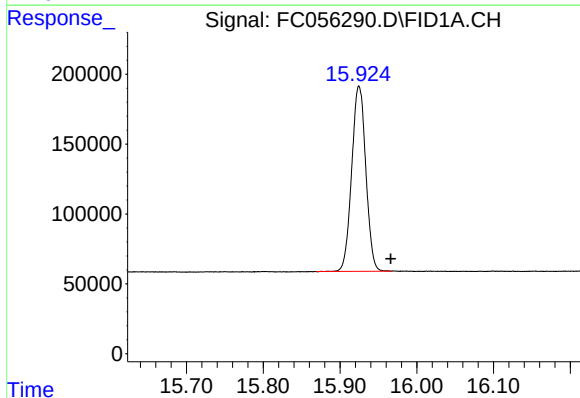
#13 n-Docosane (C22)

R.T.: 13.807 min
Delta R.T.: -0.036 min
Response: 1743949
Conc: 16.33 ug/ml



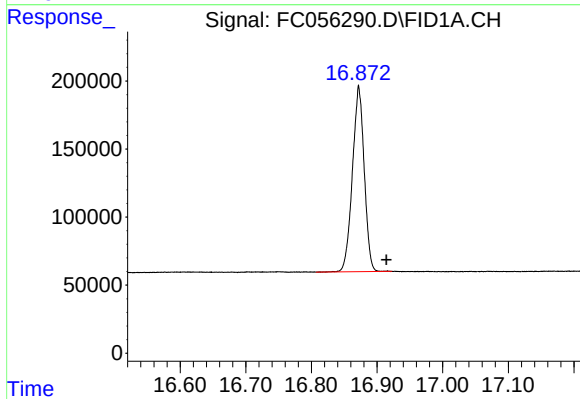
#14 n-Tetracosane (C24)

R.T.: 14.907 min
Delta R.T.: -0.039 min
Response: 1720407
Conc: 16.45 ug/ml



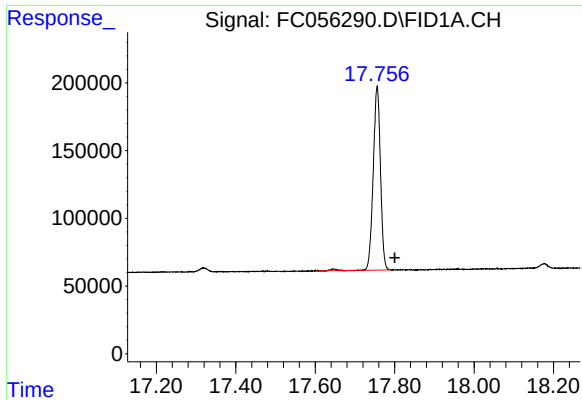
#15 n-Hexacosane (C26)

R.T.: 15.925 min
Delta R.T.: -0.041 min
Response: 1693423
Conc: 16.85 ug/ml



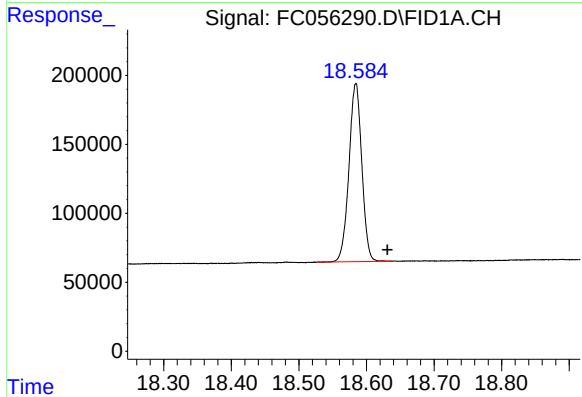
#16 n-Octacosane (C28)

R.T.: 16.872 min
Delta R.T.: -0.042 min
Response: 1698881
Conc: 17.56 ug/ml



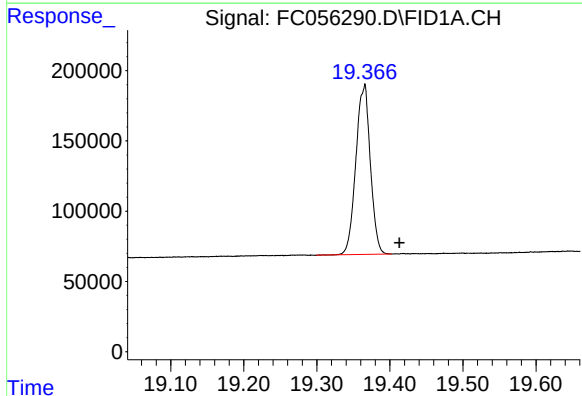
#17 n-Tricontane (C30)

R.T.: 17.756 min
Delta R.T.: -0.044 min
Response: 1723286
Conc: 18.57 ug/ml



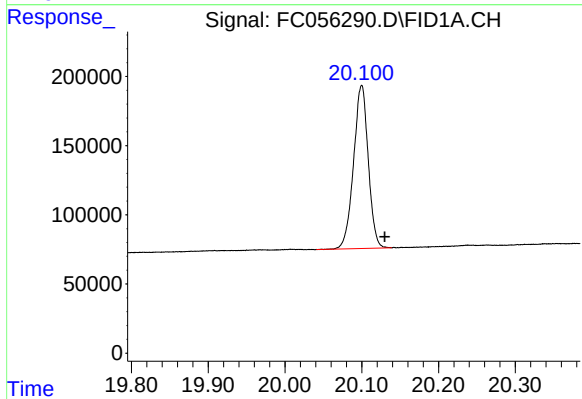
#18 n-Dotriacontane (C32)

R.T.: 18.584 min
Delta R.T.: -0.047 min
Response: 1707912
Conc: 19.21 ug/ml



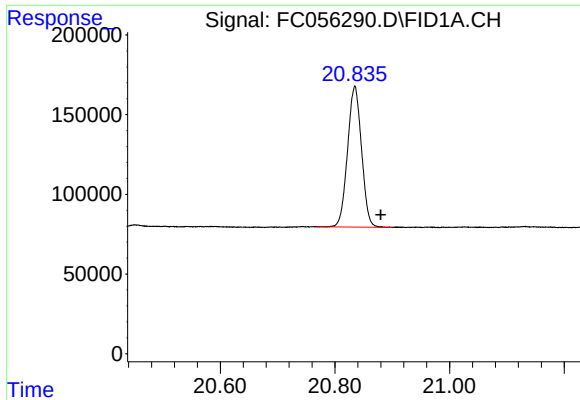
#19 n-Tetratriacontane (C34)

R.T.: 19.364 min
Delta R.T.: -0.049 min
Response: 1659784
Conc: 19.19 ug/ml



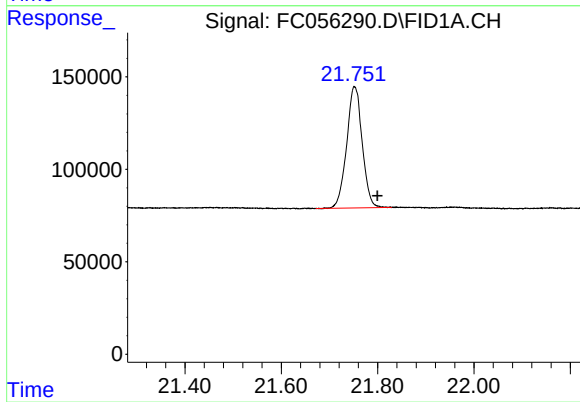
#20 n-Hexatriacontane (C36)

R.T.: 20.100 min
Delta R.T.: -0.030 min
Response: 1565581
Conc: 19.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.835 min
Delta R.T.: -0.045 min
Response: 1492164
Conc: 18.73 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.752 min
Delta R.T.: -0.048 min
Response: 1472956
Conc: 18.38 ug/ml