

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042122AL\
 Data File : FC059342.D
 Signal(s) : FID1A.CH
 Acq On : 21 Apr 2022 15:06
 Operator : UA/NP
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 21 16:42:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 16:41:49 2022
 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)	11.102	7903949	50.699 ug/ml
Spiked Amount 50.000		Recovery =	101.40%
12) S 1-chlorooctadecane (S...	12.548	6429550	50.895 ug/ml
Spiked Amount 50.000		Recovery =	101.79%
Target Compounds			
1) T n-Nonane (C9)	2.962	6399110	51.370 ug/ml
2) T n-Decane (C10)	4.004	6377882	51.334 ug/ml
3) T A~Naphthalene (C11.7)	5.551	7016068	52.412 ug/ml
4) T n-Dodecane (C12)	6.002	6655667	51.171 ug/ml
5) T A~2-methylnaphthalene...	6.600	7083135	52.081 ug/ml
6) T n-Tetradecane (C14)	7.785	6771456	50.939 ug/ml
7) T n-Hexadecane (C16)	9.376	6981794	50.943 ug/ml
8) T n-Octadecane (C18)	10.810	7218700	50.869 ug/ml
10) T n-Eicosane (C20)	12.111	7333427	50.827 ug/ml
11) T n-Heneicosane (C21)	12.721	7429394	50.837 ug/ml
13) T n-Docosane (C22)	13.303	7482939	50.921 ug/ml
14) T n-Tetracosane (C24)	14.400	7551496	51.055 ug/ml
15) T n-Hexacosane (C26)	15.416	7491150	51.203 ug/ml
16) T n-Octacosane (C28)	16.362	7448665	51.170 ug/ml
17) T n-Tricontane (C30)	17.246	7232913	51.273 ug/ml
18) T n-Dotriacontane (C32)	18.075	6708950	51.336 ug/ml
19) T n-Tetratriacontane (C34)	18.855	6001224	51.375 ug/ml
20) T n-Hexatriacontane (C36)	19.591	5179473	51.451 ug/ml
21) T n-Octatriacontane (C38)	20.289	4400761	50.931 ug/ml
22) T n-Tetracontane (C40)	21.030	3959390	50.692 ug/ml

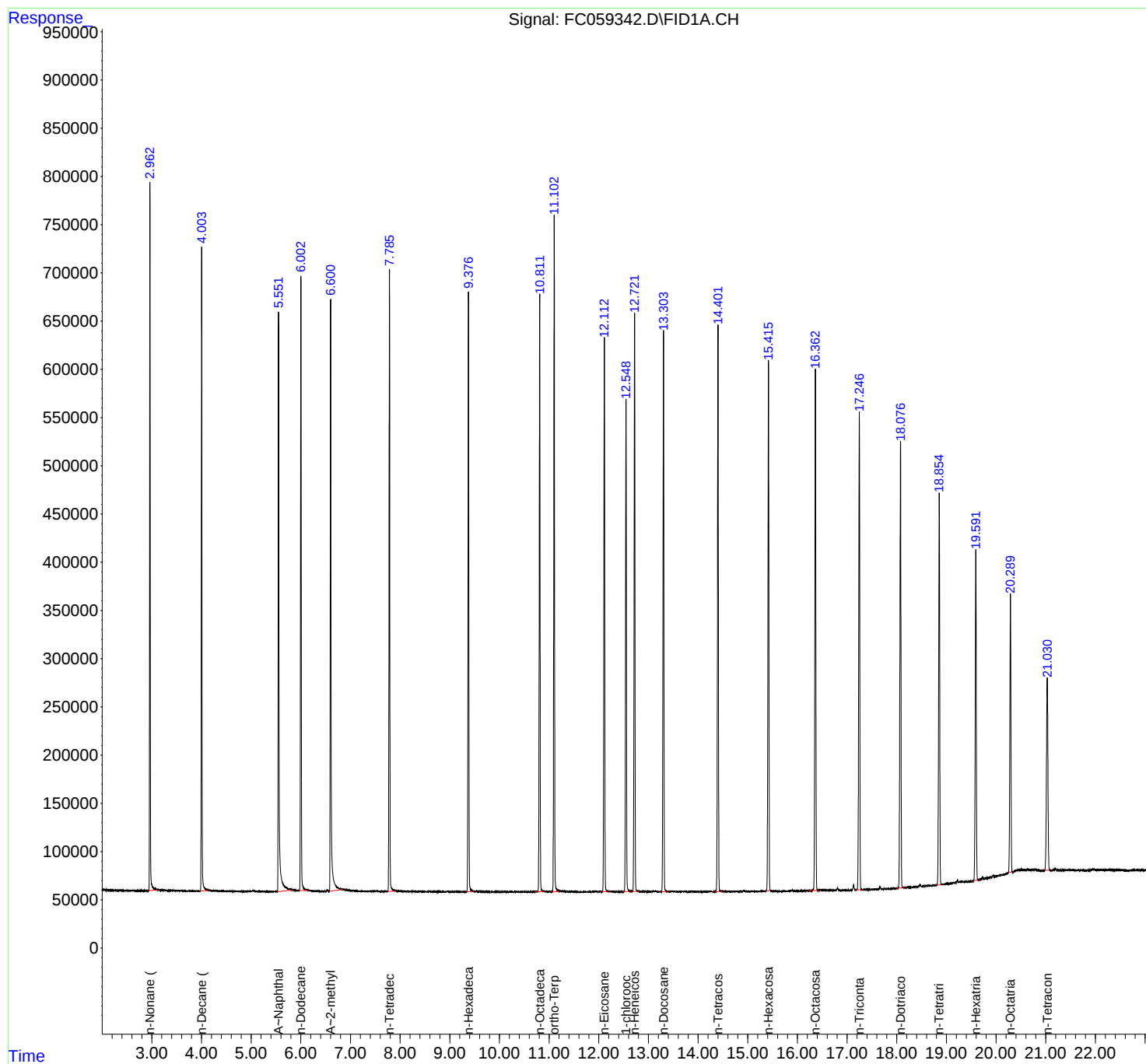
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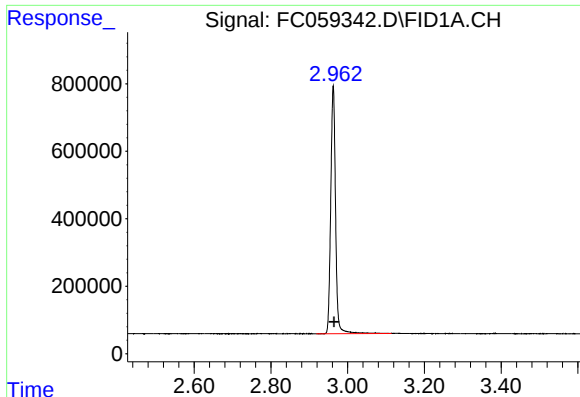
(m)=manual int.

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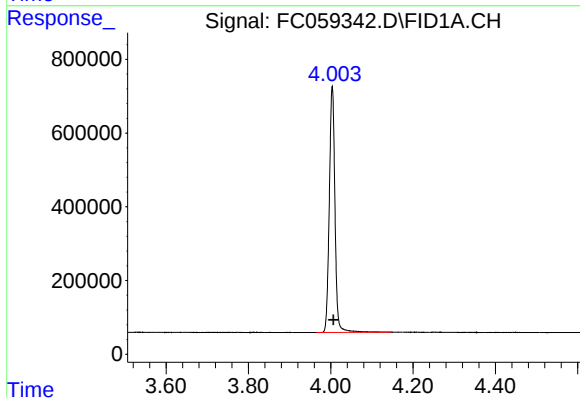
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





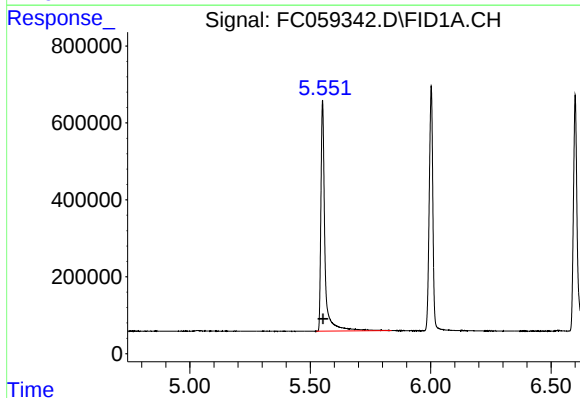
#1 n-Nonane (C9)

R.T.: 2.962 min
Delta R.T.: -0.003 min
Response: 6399110
Conc: 51.37 ug/ml



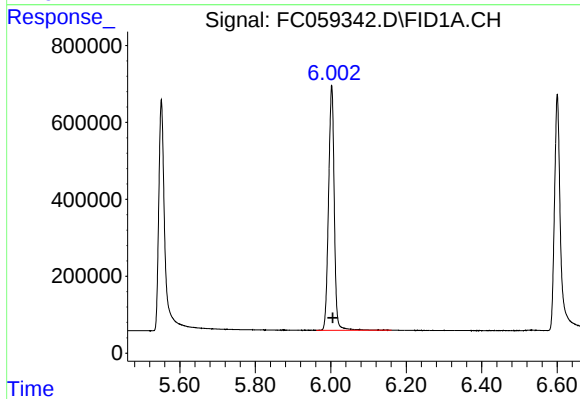
#2 n-Decane (C10)

R.T.: 4.004 min
Delta R.T.: -0.003 min
Response: 6377882
Conc: 51.33 ug/ml



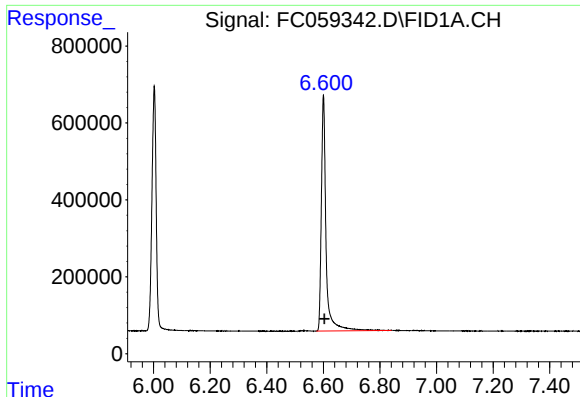
#3 A~Naphthalene (C11.7)

R.T.: 5.551 min
Delta R.T.: -0.002 min
Response: 7016068
Conc: 52.41 ug/ml



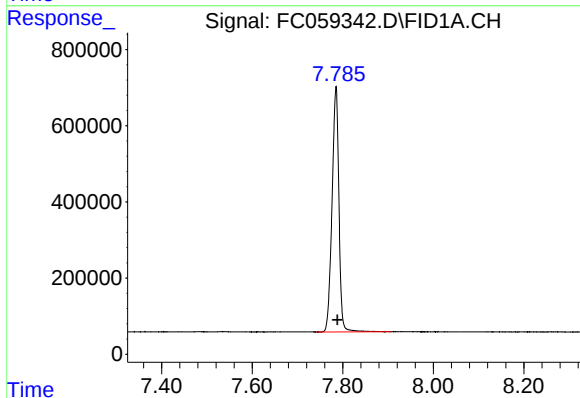
#4 n-Dodecane (C12)

R.T.: 6.002 min
Delta R.T.: -0.003 min
Response: 6655667
Conc: 51.17 ug/ml



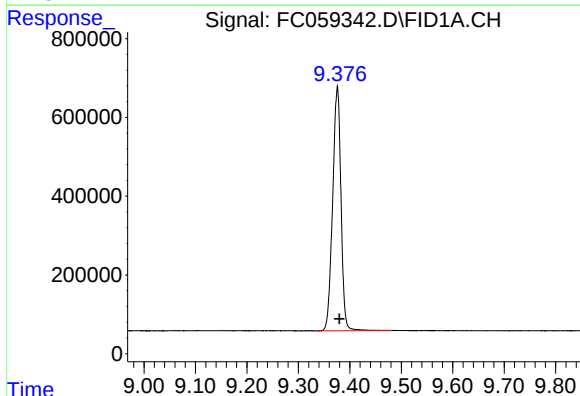
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.600 min
Delta R.T.: -0.003 min
Response: 7083135
Conc: 52.08 ug/ml



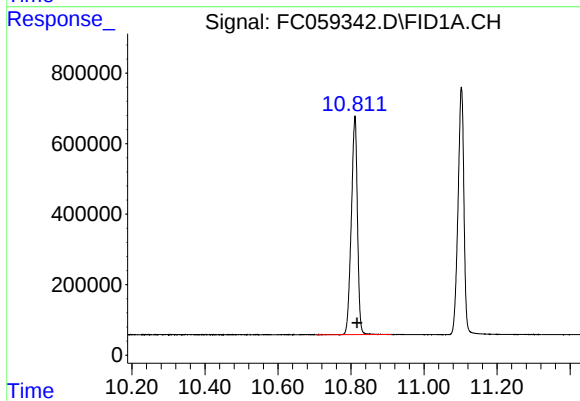
#6 n-Tetradecane (C14)

R.T.: 7.785 min
Delta R.T.: -0.004 min
Response: 6771456
Conc: 50.94 ug/ml



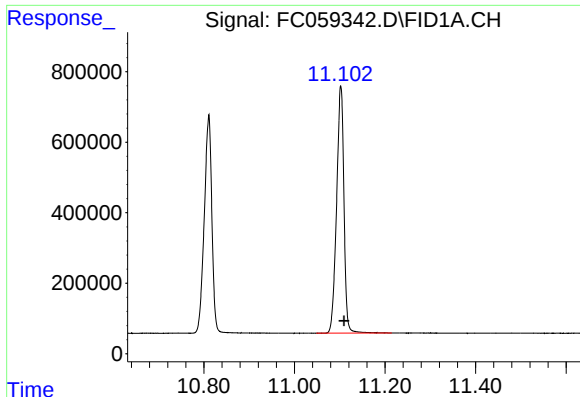
#7 n-Hexadecane (C16)

R.T.: 9.376 min
Delta R.T.: -0.004 min
Response: 6981794
Conc: 50.94 ug/ml



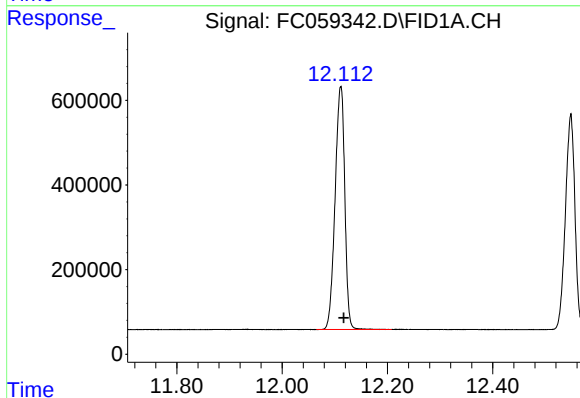
#8 n-Octadecane (C18)

R.T.: 10.810 min
Delta R.T.: -0.007 min
Response: 7218700
Conc: 50.87 ug/ml



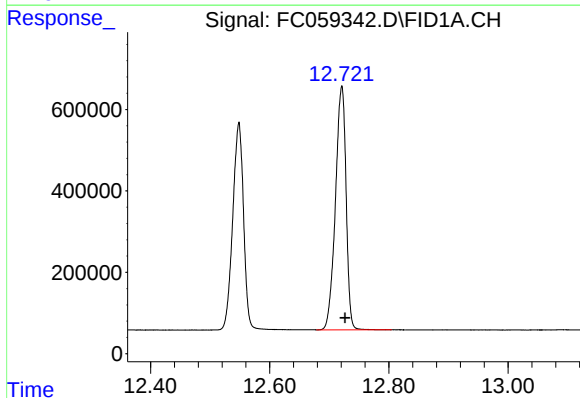
#9 ortho-Terphenyl (SURR)

R.T.: 11.102 min
Delta R.T.: -0.007 min
Response: 7903949
Conc: 50.70 ug/ml



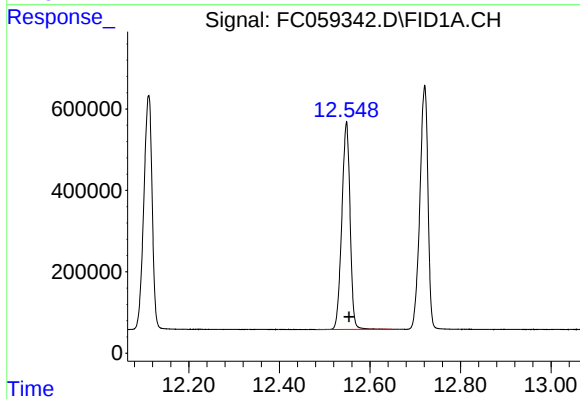
#10 n-Eicosane (C20)

R.T.: 12.111 min
Delta R.T.: -0.006 min
Response: 7333427
Conc: 50.83 ug/ml



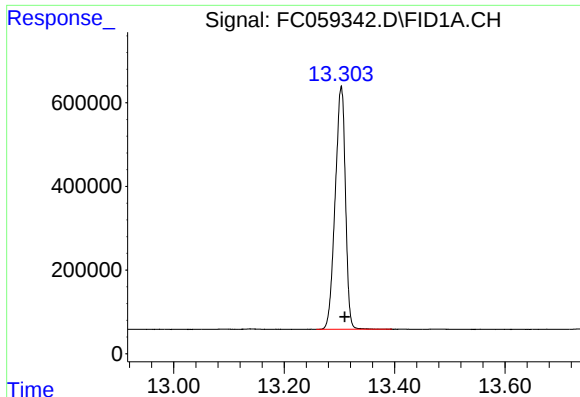
#11 n-Heneicosane (C21)

R.T.: 12.721 min
Delta R.T.: -0.006 min
Response: 7429394
Conc: 50.84 ug/ml



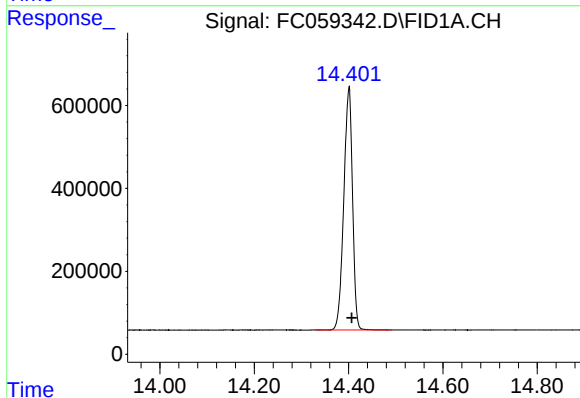
#12 1-chlorooctadecane (SURR)

R.T.: 12.548 min
Delta R.T.: -0.006 min
Response: 6429550
Conc: 50.89 ug/ml



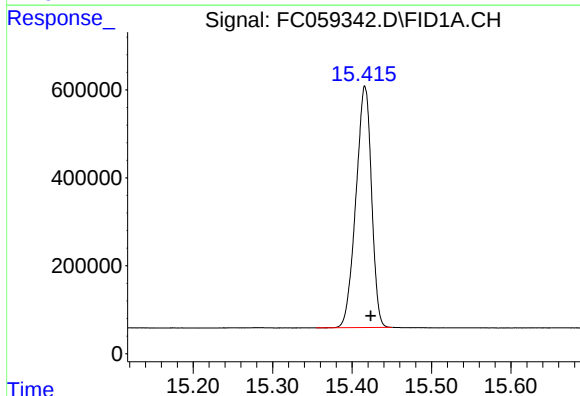
#13 n-Docosane (C22)

R.T.: 13.303 min
Delta R.T.: -0.006 min
Response: 7482939
Conc: 50.92 ug/ml



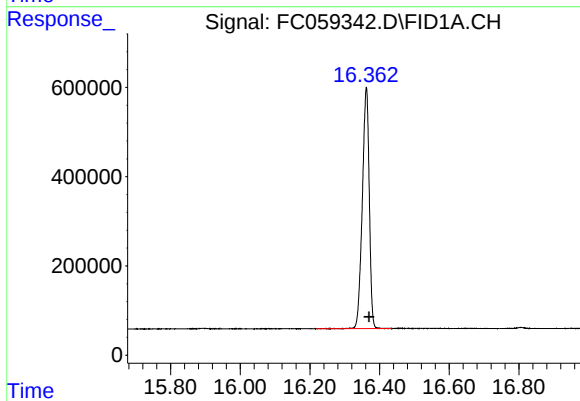
#14 n-Tetracosane (C24)

R.T.: 14.400 min
Delta R.T.: -0.006 min
Response: 7551496
Conc: 51.06 ug/ml



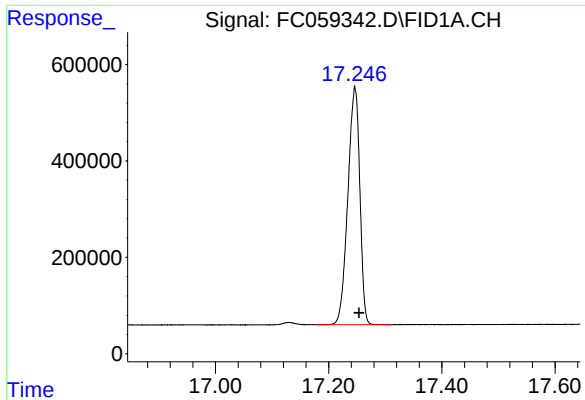
#15 n-Hexacosane (C26)

R.T.: 15.416 min
Delta R.T.: -0.008 min
Response: 7491150
Conc: 51.20 ug/ml



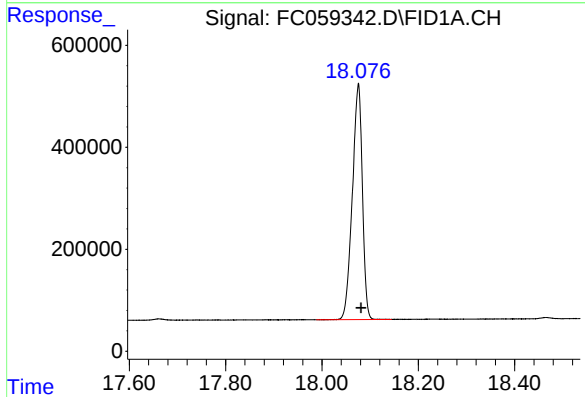
#16 n-Octacosane (C28)

R.T.: 16.362 min
Delta R.T.: -0.008 min
Response: 7448665
Conc: 51.17 ug/ml



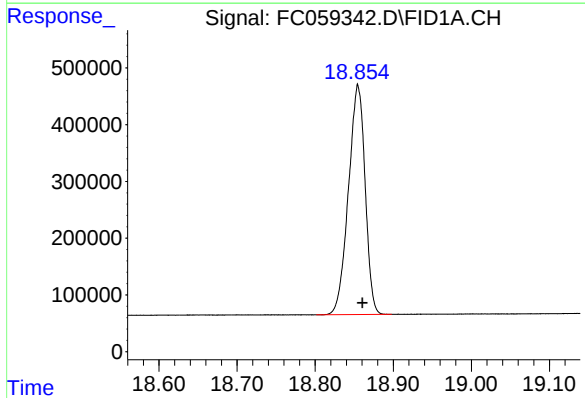
#17 n-Tricontane (C30)

R.T.: 17.246 min
Delta R.T.: -0.007 min
Response: 7232913
Conc: 51.27 ug/ml



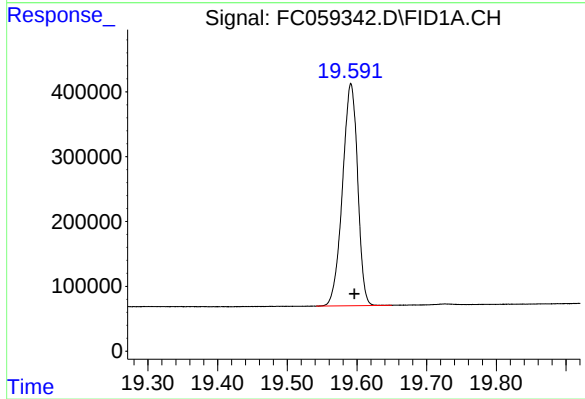
#18 n-Dotriacontane (C32)

R.T.: 18.075 min
Delta R.T.: -0.006 min
Response: 6708950
Conc: 51.34 ug/ml



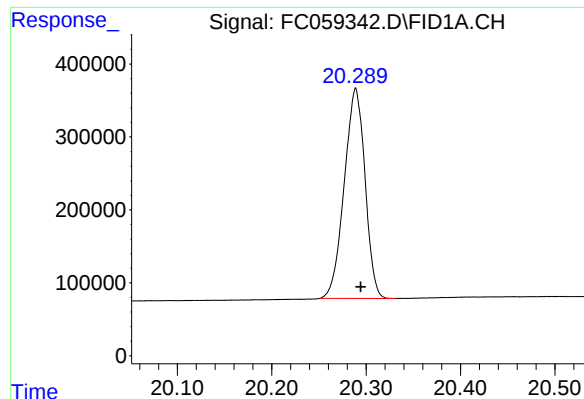
#19 n-Tetratriacontane (C34)

R.T.: 18.855 min
Delta R.T.: -0.006 min
Response: 6001224
Conc: 51.38 ug/ml



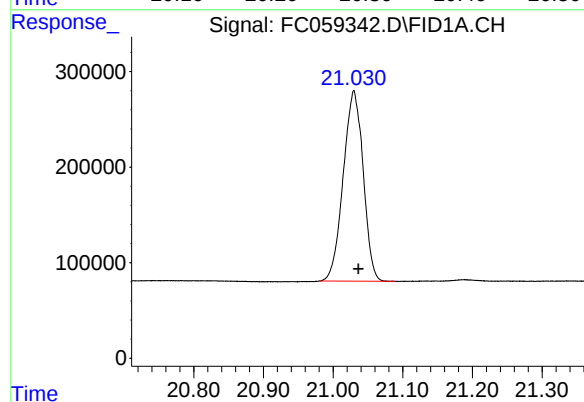
#20 n-Hexatriacontane (C36)

R.T.: 19.591 min
Delta R.T.: -0.005 min
Response: 5179473
Conc: 51.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.289 min
Delta R.T.: -0.005 min
Response: 4400761
Conc: 50.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.030 min
Delta R.T.: -0.007 min
Response: 3959390
Conc: 50.69 ug/ml