

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120121AL\
 Data File : FC057138.D
 Signal(s) : FID1A.CH
 Acq On : 01 Dec 2021 12:56
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 02 00:57:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 Qlast Update : Fri Nov 19 00:52:49 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)	11.598	2307574	19.885 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
12) S 1-chlorooctadecane (S...	13.030	1789124	19.653 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
Target Compounds			
1) T n-Nonane (C9)	3.355	2156740	21.284 ug/ml
2) T n-Decane (C10)	4.423	2196232	21.932 ug/ml
3) T A~Naphthalene (C11.7)	6.016	2421588	21.687 ug/ml
4) T n-Dodecane (C12)	6.442	2217274	21.868 ug/ml
5) T A~2-methylnaphthalene...	7.073	2417808	21.928 ug/ml
6) T n-Tetradecane (C14)	8.237	2212506	21.837 ug/ml
7) T n-Hexadecane (C16)	9.837	2204179	21.480 ug/ml
8) T n-Octadecane (C18)	11.277	2233675	20.849 ug/ml
10) T n-Eicosane (C20)	12.585	2160370	20.199 ug/ml
11) T n-Heneicosane (C21)	13.195	2140197	19.763 ug/ml
13) T n-Docosane (C22)	13.781	2091903	19.526 ug/ml
14) T n-Tetracosane (C24)	14.882	2023824	18.695 ug/ml
15) T n-Hexacosane (C26)	15.899	1922992	18.053 ug/ml
16) T n-Octacosane (C28)	16.847	1885184	17.674 ug/ml
17) T n-Tricontane (C30)	17.731	1839491	17.258 ug/ml
18) T n-Dotriacontane (C32)	18.562	1817550	17.231 ug/ml
19) T n-Tetratriacontane (C34)	19.342	1870432	18.004 ug/mlm
20) T n-Hexatriacontane (C36)	20.079	1976425	19.567 ug/mlm
21) T n-Octatriacontane (C38)	20.814	2001092	21.799 ug/mlm
22) T n-Tetracontane (C40)	21.725	2172364	24.115 ug/mlm

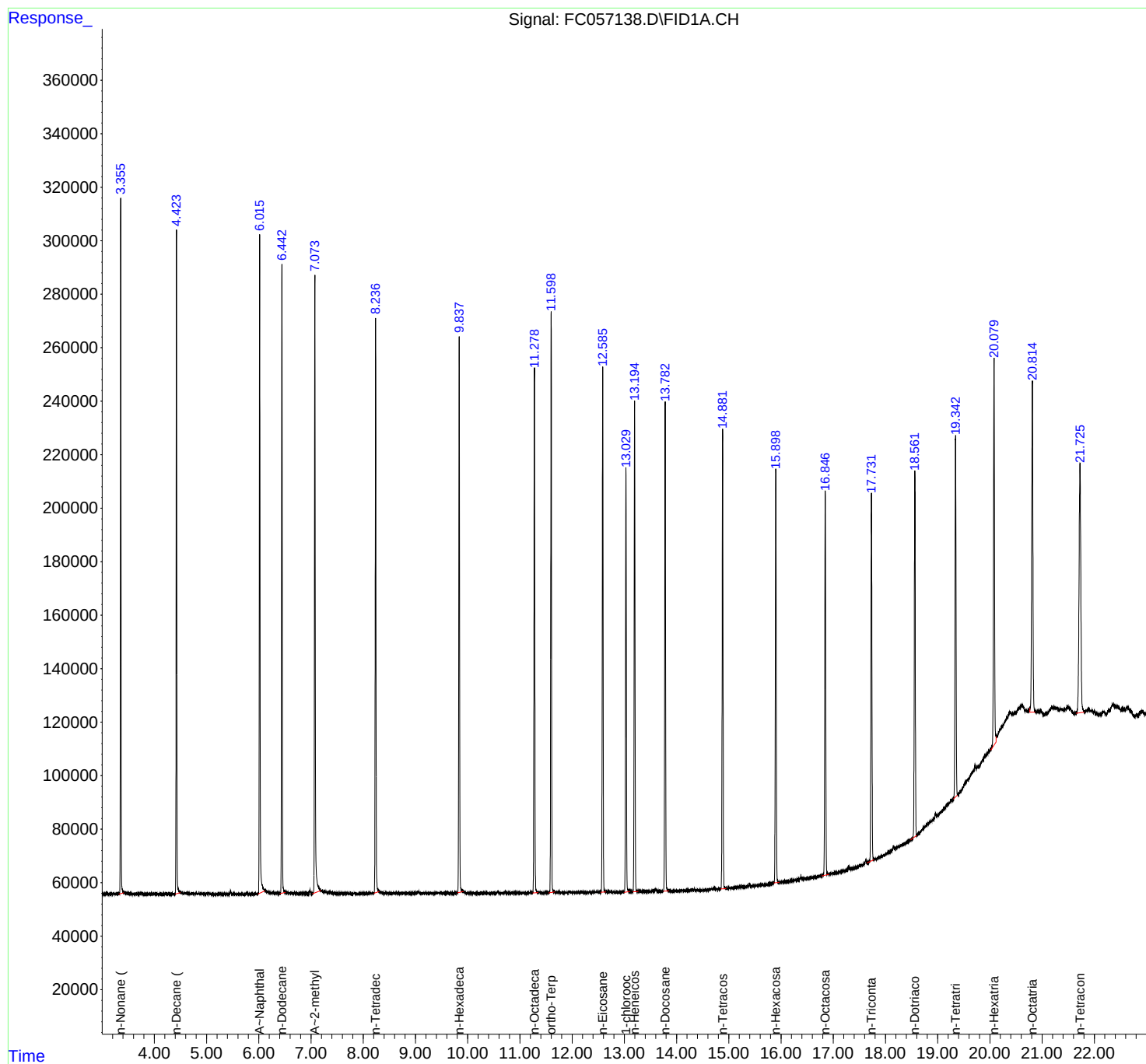
(f)=RT Delta > 1/2 Window

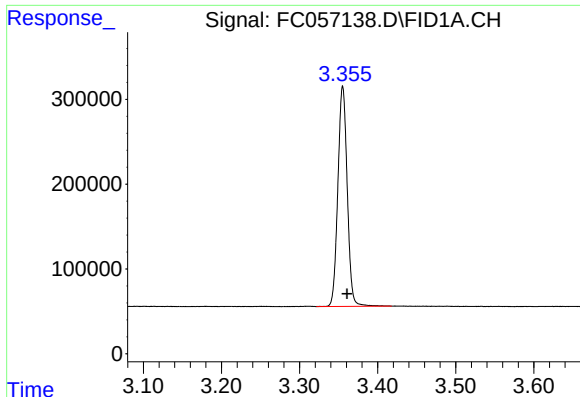
(m)=manual int.

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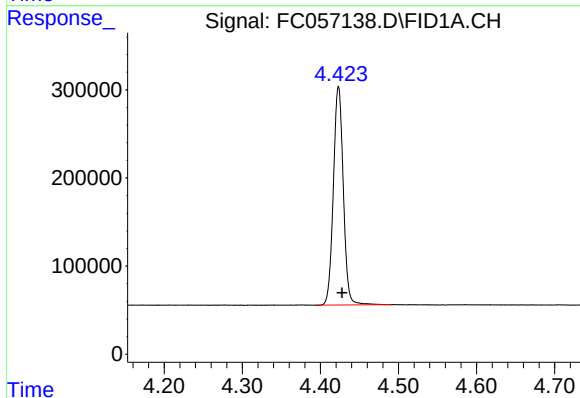
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Signal Info : 20M x 0.18mm x 0.18um





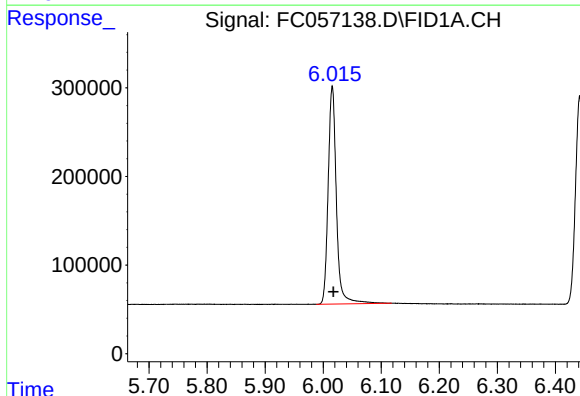
#1 n-Nonane (C9)

R.T.: 3.355 min
Delta R.T.: -0.006 min
Response: 2156740
Conc: 21.28 ug/ml



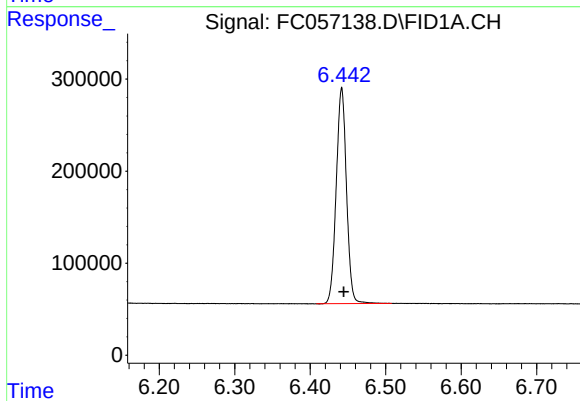
#2 n-Decane (C10)

R.T.: 4.423 min
Delta R.T.: -0.004 min
Response: 2196232
Conc: 21.93 ug/ml



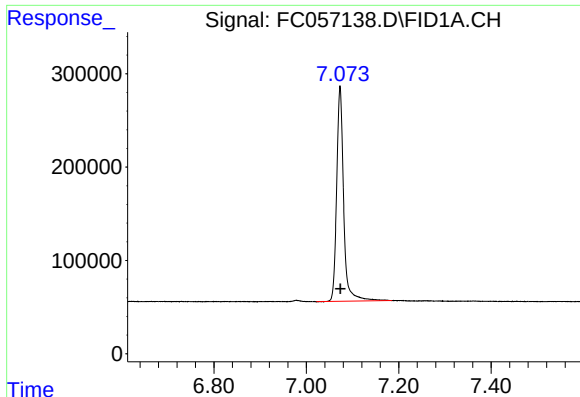
#3 A~Naphthalene (C11.7)

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 2421588
Conc: 21.69 ug/ml



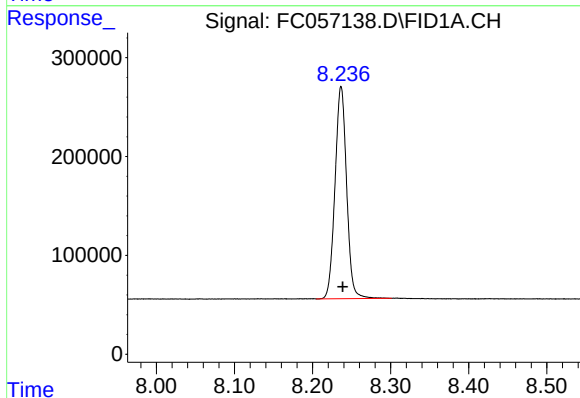
#4 n-Dodecane (C12)

R.T.: 6.442 min
Delta R.T.: -0.003 min
Response: 2217274
Conc: 21.87 ug/ml



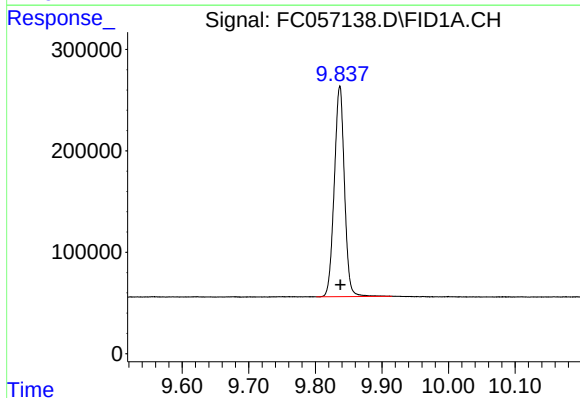
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 2417808
Conc: 21.93 ug/ml



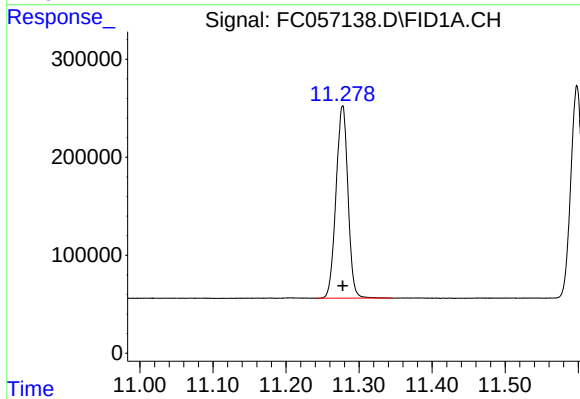
#6 n-Tetradecane (C14)

R.T.: 8.237 min
Delta R.T.: -0.002 min
Response: 2212506
Conc: 21.84 ug/ml



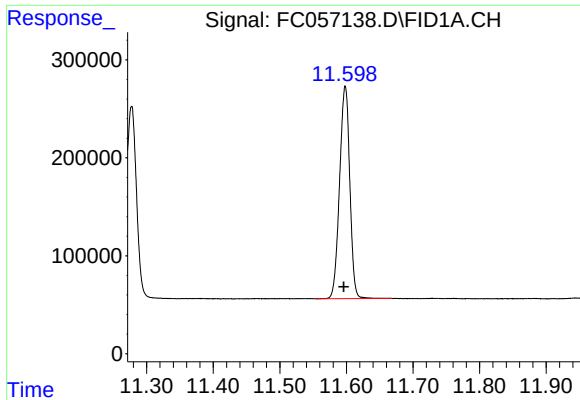
#7 n-Hexadecane (C16)

R.T.: 9.837 min
Delta R.T.: 0.000 min
Response: 2204179
Conc: 21.48 ug/ml



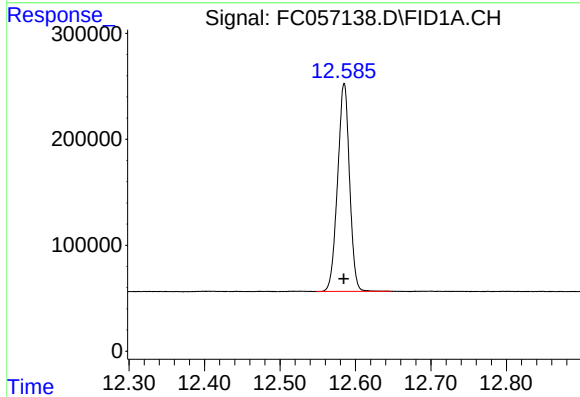
#8 n-Octadecane (C18)

R.T.: 11.277 min
Delta R.T.: 0.000 min
Response: 2233675
Conc: 20.85 ug/ml



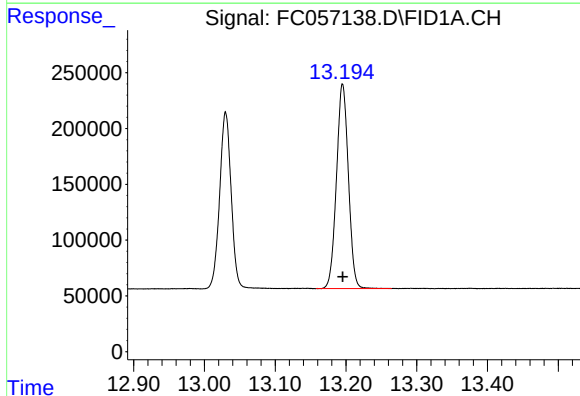
#9 ortho-Terphenyl (SURR)

R.T.: 11.598 min
Delta R.T.: 0.002 min
Response: 2307574
Conc: 19.88 ug/ml



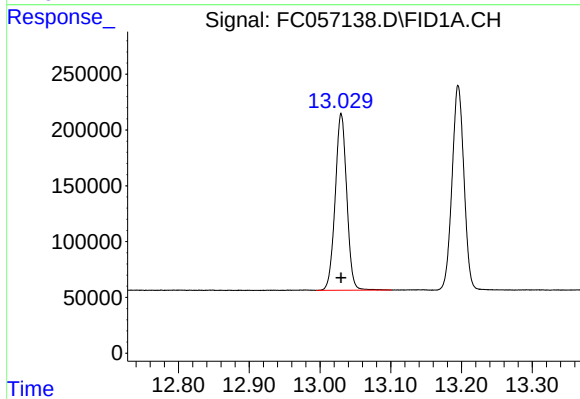
#10 n-Eicosane (C20)

R.T.: 12.585 min
Delta R.T.: 0.000 min
Response: 2160370
Conc: 20.20 ug/ml



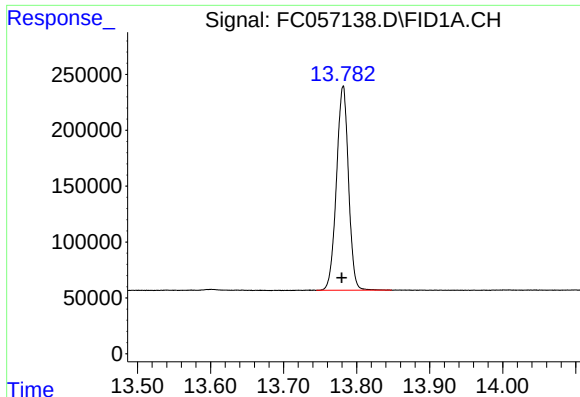
#11 n-Heneicosane (C21)

R.T.: 13.195 min
Delta R.T.: 0.000 min
Response: 2140197
Conc: 19.76 ug/ml



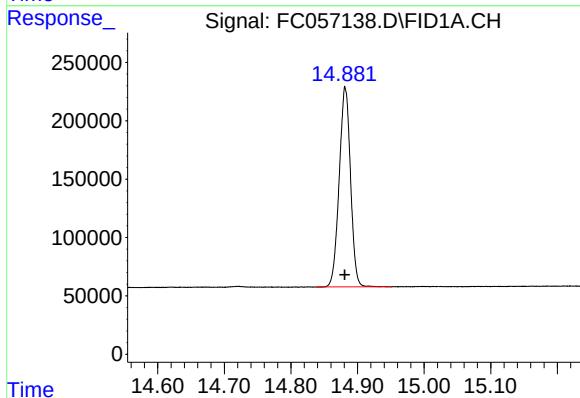
#12 1-chlorooctadecane (SURR)

R.T.: 13.030 min
Delta R.T.: 0.000 min
Response: 1789124
Conc: 19.65 ug/ml



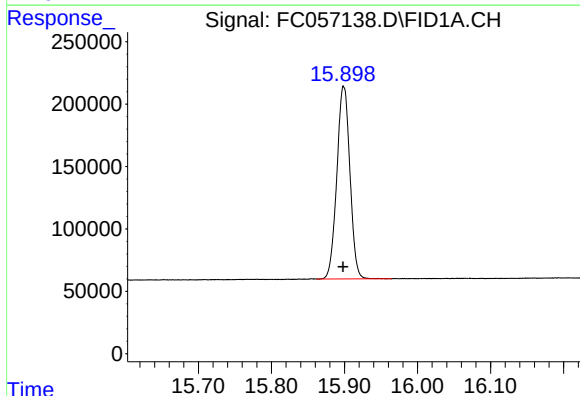
#13 n-Docosane (C22)

R.T.: 13.781 min
Delta R.T.: 0.001 min
Response: 2091903
Conc: 19.53 ug/ml



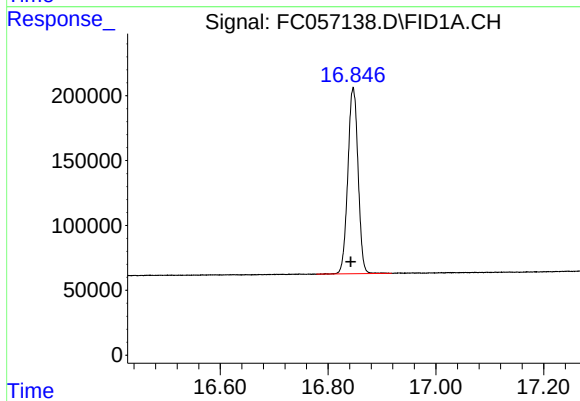
#14 n-Tetracosane (C24)

R.T.: 14.882 min
Delta R.T.: 0.001 min
Response: 2023824
Conc: 18.69 ug/ml



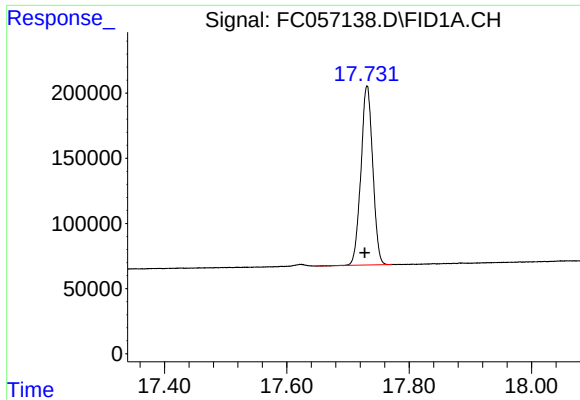
#15 n-Hexacosane (C26)

R.T.: 15.899 min
Delta R.T.: 0.001 min
Response: 1922992
Conc: 18.05 ug/ml



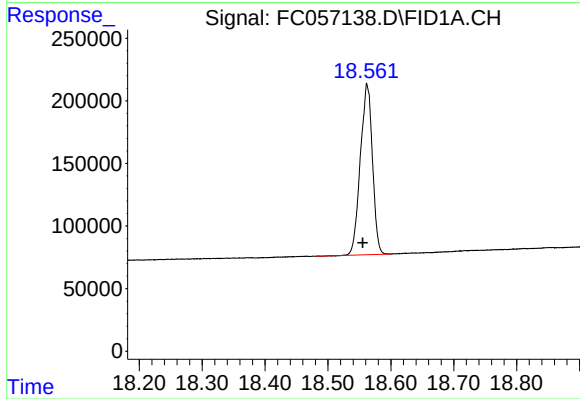
#16 n-Octacosane (C28)

R.T.: 16.847 min
Delta R.T.: 0.004 min
Response: 1885184
Conc: 17.67 ug/ml



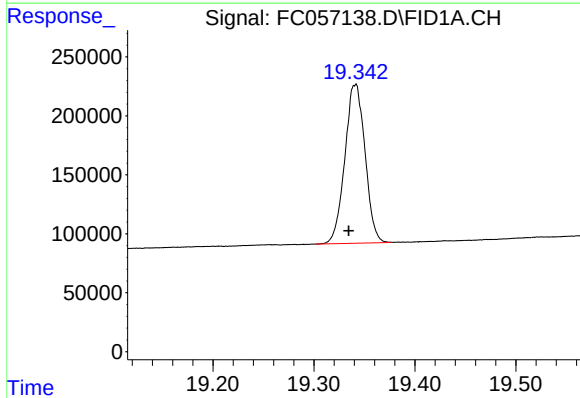
#17 n-Tricontane (C30)

R.T.: 17.731 min
Delta R.T.: 0.004 min
Response: 1839491
Conc: 17.26 ug/ml



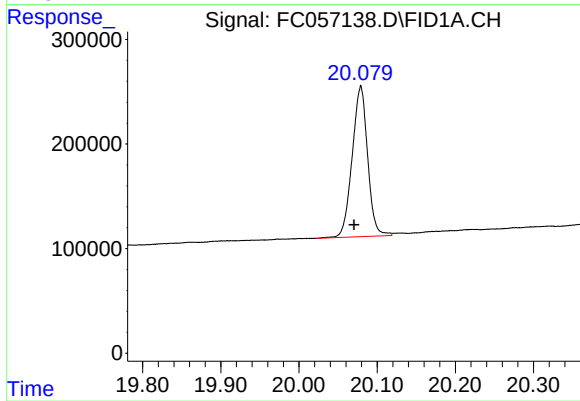
#18 n-Dotriacontane (C32)

R.T.: 18.562 min
Delta R.T.: 0.007 min
Response: 1817550
Conc: 17.23 ug/ml



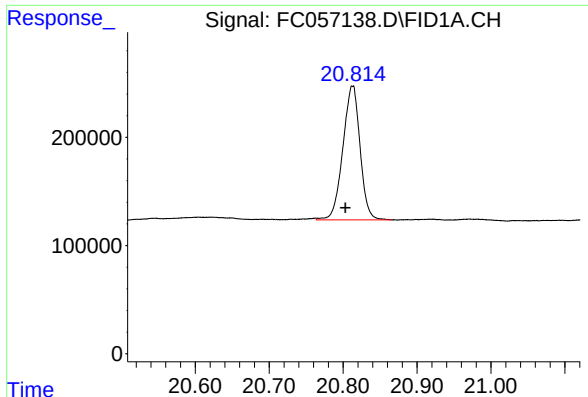
#19 n-Tetratriacontane (C34)

R.T.: 19.342 min
Delta R.T.: 0.007 min
Response: 1870432
Conc: 18.00 ug/ml m



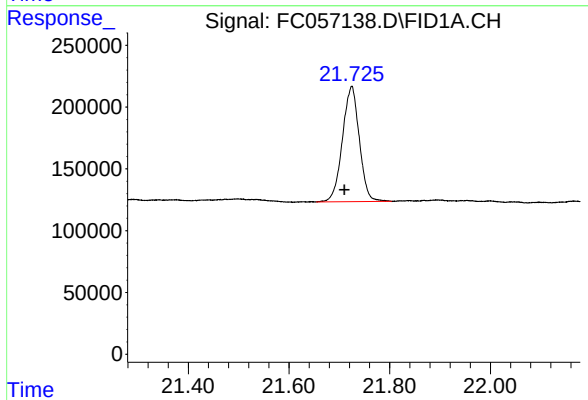
#20 n-Hexatriacontane (C36)

R.T.: 20.079 min
Delta R.T.: 0.008 min
Response: 1976425
Conc: 19.57 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.814 min
Delta R.T.: 0.011 min
Response: 2001092
Conc: 21.80 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.725 min
Delta R.T.: 0.015 min
Response: 2172364
Conc: 24.11 ug/ml m