

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121021AL\
 Data File : FC057359.D
 Signal(s) : FID1A.CH
 Acq On : 10 Dec 2021 15:26
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 10 23:48:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 09 22:19:01 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)	11.574	2155773	21.364 ug/ml
Spiked Amount 50.000		Recovery =	42.73%
12) S 1-chlorooctadecane (S...	13.004	1625232	21.404 ug/ml
Spiked Amount 50.000		Recovery =	42.81%
Target Compounds			
1) T n-Nonane (C9)	3.340	2010524	21.372 ug/ml
2) T n-Decane (C10)	4.406	2025967	21.645 ug/ml
3) T A~Naphthalene (C11.7)	5.996	2109229	21.463 ug/ml
4) T n-Dodecane (C12)	6.422	2043098	21.385 ug/ml
5) T A~2-methylnaphthalene...	7.051	2064085	21.096 ug/ml
6) T n-Tetradecane (C14)	8.214	2041803	21.255 ug/ml
7) T n-Hexadecane (C16)	9.812	2042476	21.072 ug/ml
8) T n-Octadecane (C18)	11.252	2092778	21.245 ug/ml
10) T n-Eicosane (C20)	12.559	2037854	21.175 ug/ml
11) T n-Heneicosane (C21)	13.170	2025032	21.174 ug/ml
13) T n-Docosane (C22)	13.754	1992990	21.381 ug/ml
14) T n-Tetracosane (C24)	14.855	1955813	21.299 ug/ml
15) T n-Hexacosane (C26)	15.874	1860482	21.522 ug/ml
16) T n-Octacosane (C28)	16.821	1826119	21.416 ug/ml
17) T n-Tricontane (C30)	17.706	1768709	21.158 ug/ml
18) T n-Dotriacontane (C32)	18.535	1732711	21.185 ug/ml
19) T n-Tetratriacontane (C34)	19.317	1707875	20.811 ug/ml
20) T n-Hexatriacontane (C36)	20.054	1667315	20.905 ug/ml
21) T n-Octatriacontane (C38)	20.785	1653773	21.780 ug/ml
22) T n-Tetracontane (C40)	21.680	1565255	20.940 ug/ml

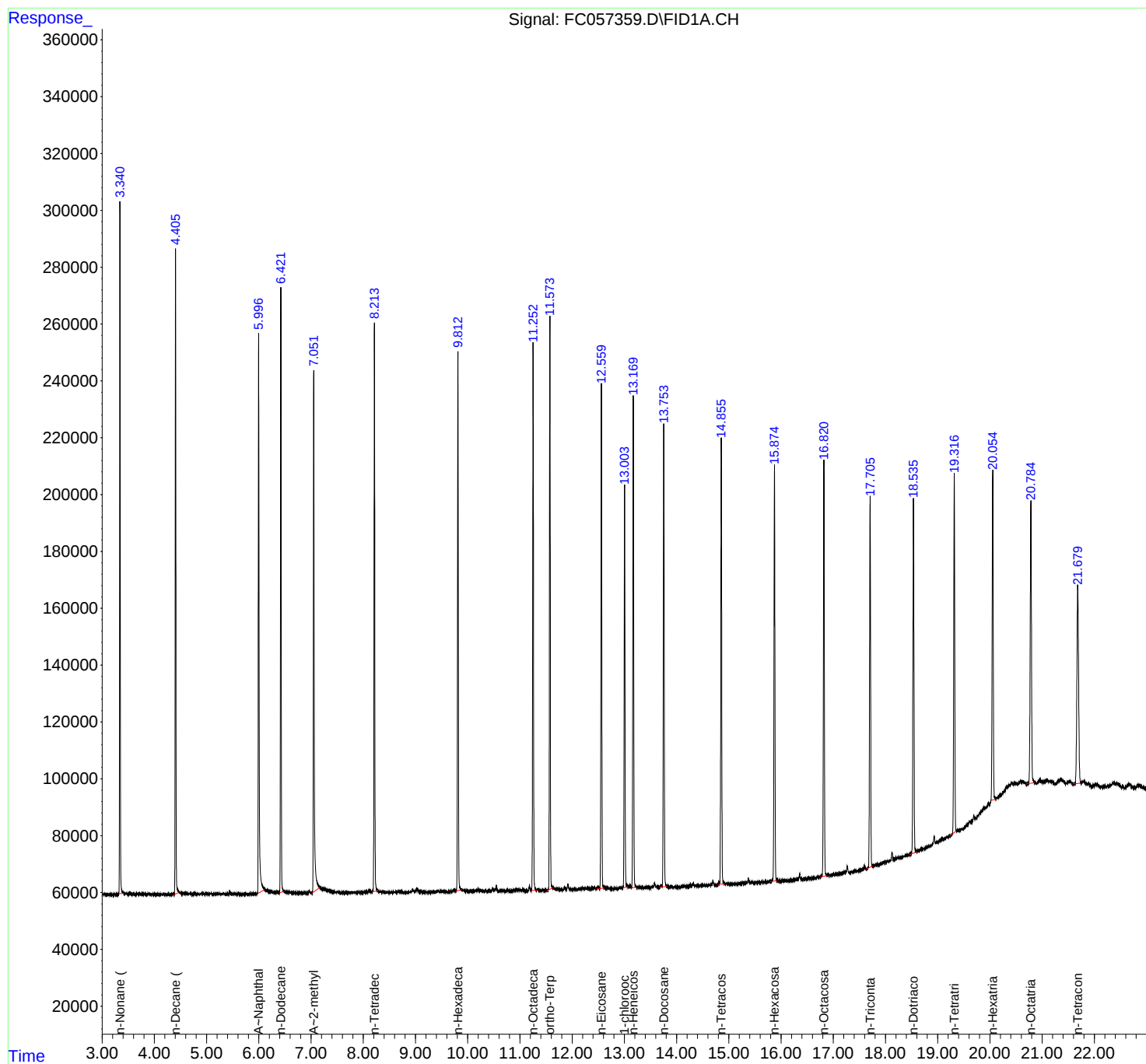
(f)=RT Delta > 1/2 Window

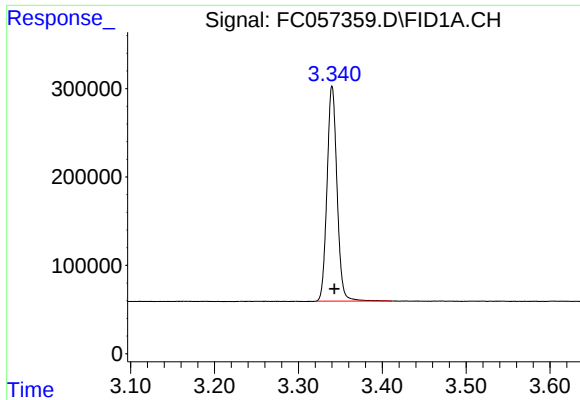
(m)=manual int.

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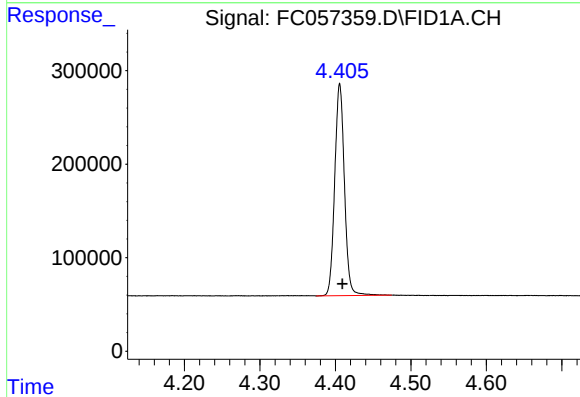
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





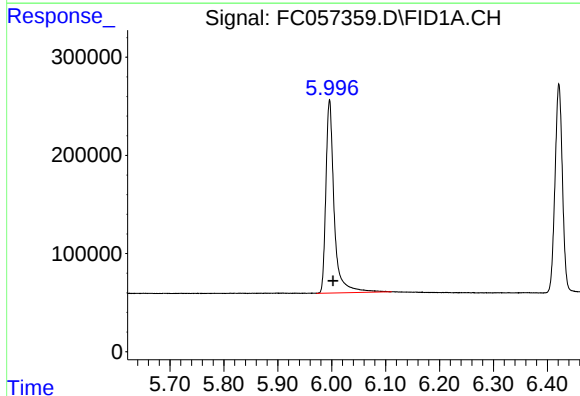
#1 n-Nonane (C9)

R.T.: 3.340 min
Delta R.T.: -0.003 min
Response: 2010524
Conc: 21.37 ug/ml



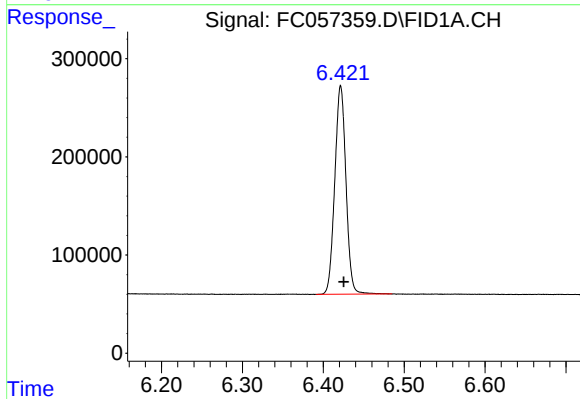
#2 n-Decane (C10)

R.T.: 4.406 min
Delta R.T.: -0.003 min
Response: 2025967
Conc: 21.65 ug/ml



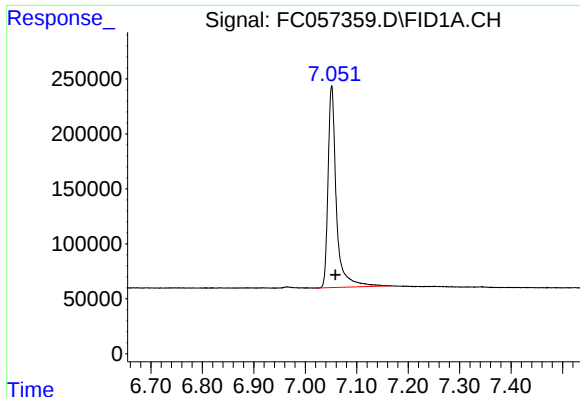
#3 A~Naphthalene (C11.7)

R.T.: 5.996 min
Delta R.T.: -0.006 min
Response: 2109229
Conc: 21.46 ug/ml



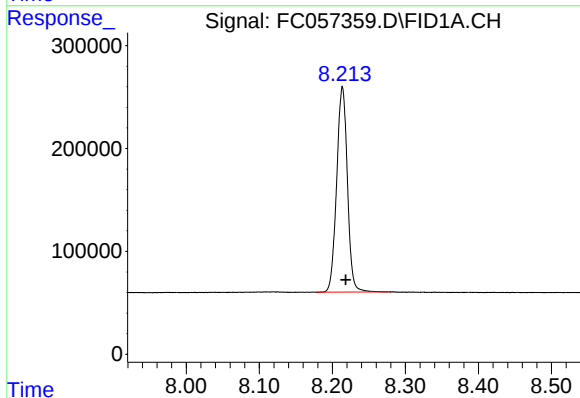
#4 n-Dodecane (C12)

R.T.: 6.422 min
Delta R.T.: -0.004 min
Response: 2043098
Conc: 21.39 ug/ml



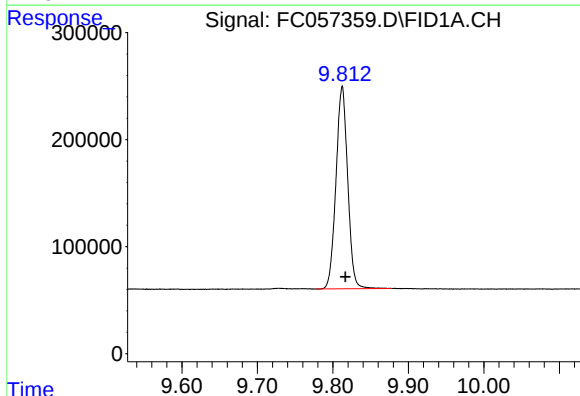
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.051 min
Delta R.T.: -0.007 min
Response: 2064085
Conc: 21.10 ug/ml



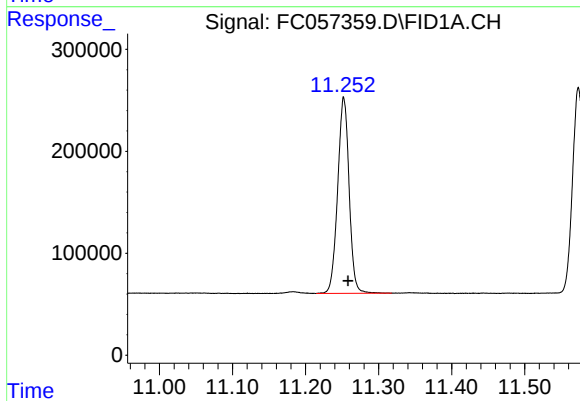
#6 n-Tetradecane (C14)

R.T.: 8.214 min
Delta R.T.: -0.005 min
Response: 2041803
Conc: 21.26 ug/ml



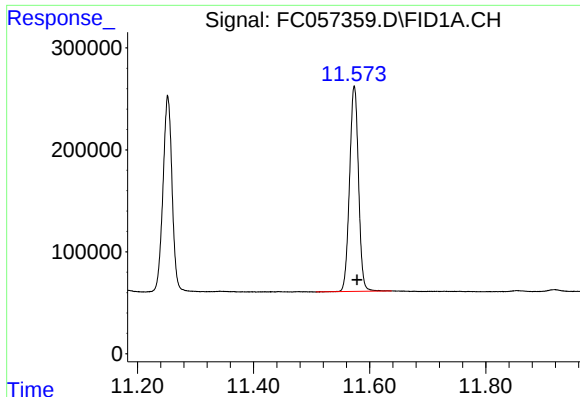
#7 n-Hexadecane (C16)

R.T.: 9.812 min
Delta R.T.: -0.005 min
Response: 2042476
Conc: 21.07 ug/ml



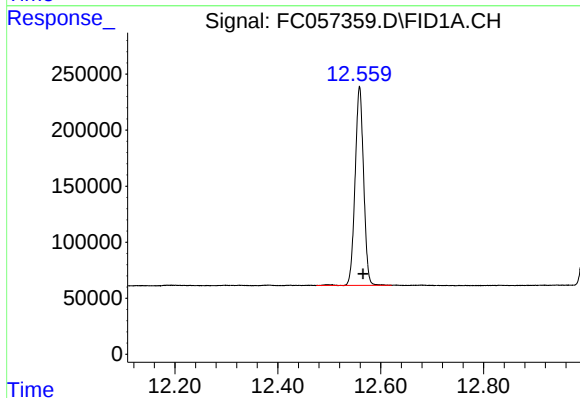
#8 n-Octadecane (C18)

R.T.: 11.252 min
Delta R.T.: -0.006 min
Response: 2092778
Conc: 21.25 ug/ml



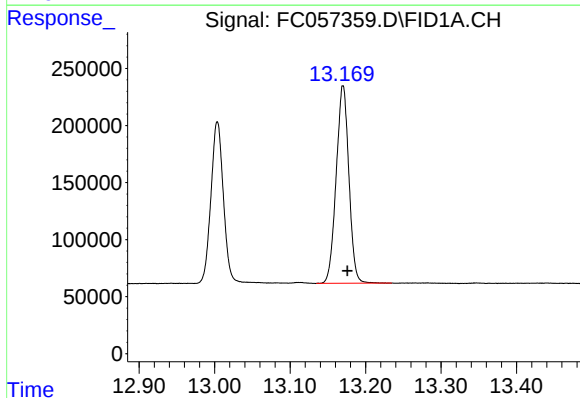
#9 ortho-Terphenyl (SURR)

R.T.: 11.574 min
Delta R.T.: -0.005 min
Response: 2155773
Conc: 21.36 ug/ml



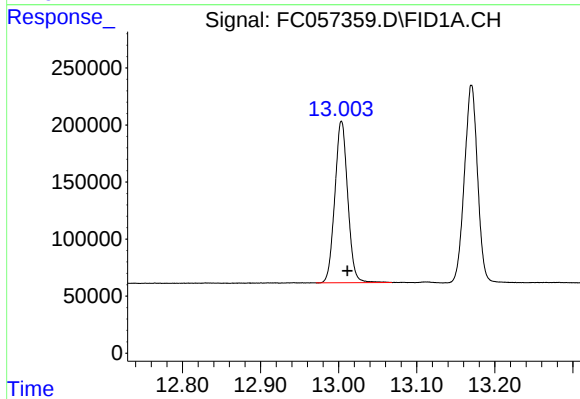
#10 n-Eicosane (C20)

R.T.: 12.559 min
Delta R.T.: -0.007 min
Response: 2037854
Conc: 21.17 ug/ml



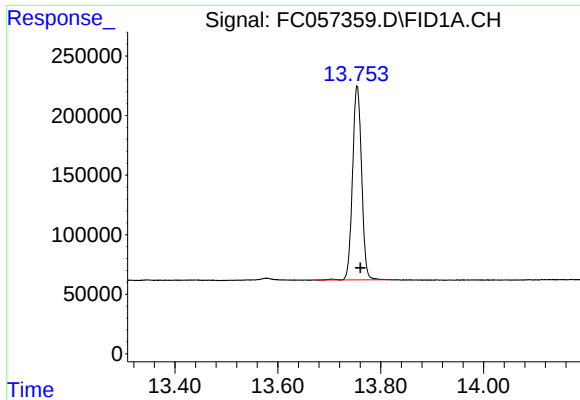
#11 n-Heneicosane (C21)

R.T.: 13.170 min
Delta R.T.: -0.006 min
Response: 2025032
Conc: 21.17 ug/ml



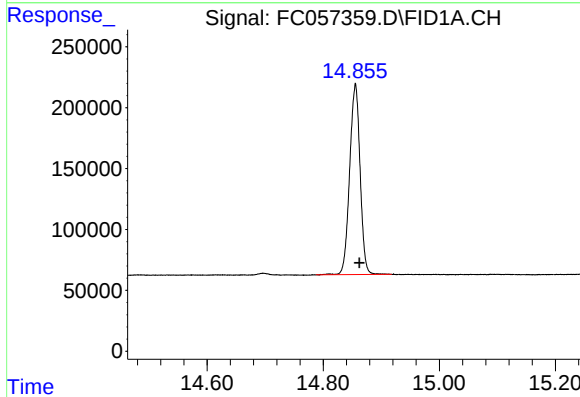
#12 1-chlorooctadecane (SURR)

R.T.: 13.004 min
Delta R.T.: -0.007 min
Response: 1625232
Conc: 21.40 ug/ml



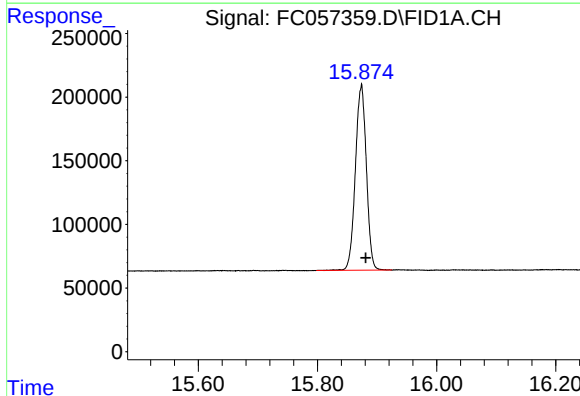
#13 n-Docosane (C22)

R.T.: 13.754 min
Delta R.T.: -0.006 min
Response: 1992990
Conc: 21.38 ug/ml



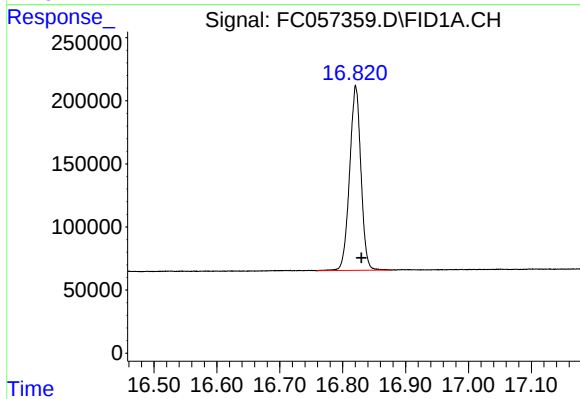
#14 n-Tetracosane (C24)

R.T.: 14.855 min
Delta R.T.: -0.007 min
Response: 1955813
Conc: 21.30 ug/ml



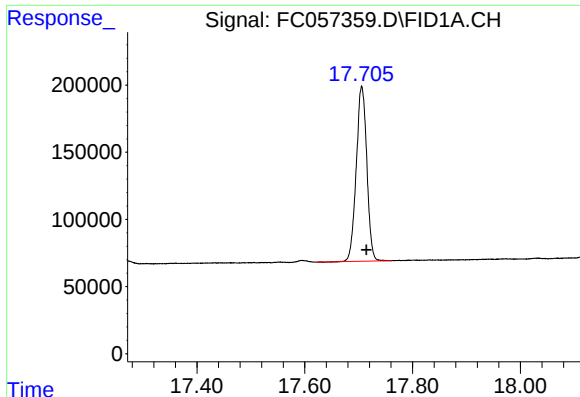
#15 n-Hexacosane (C26)

R.T.: 15.874 min
Delta R.T.: -0.008 min
Response: 1860482
Conc: 21.52 ug/ml



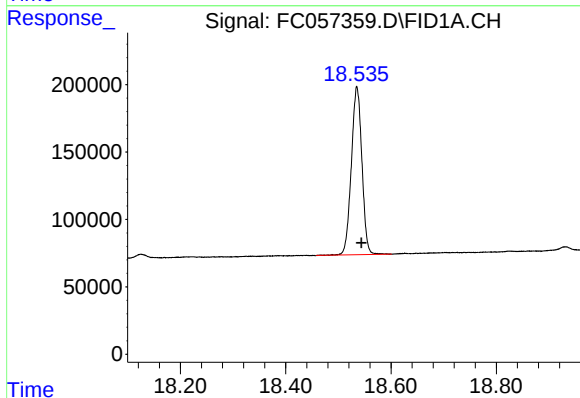
#16 n-Octacosane (C28)

R.T.: 16.821 min
Delta R.T.: -0.009 min
Response: 1826119
Conc: 21.42 ug/ml



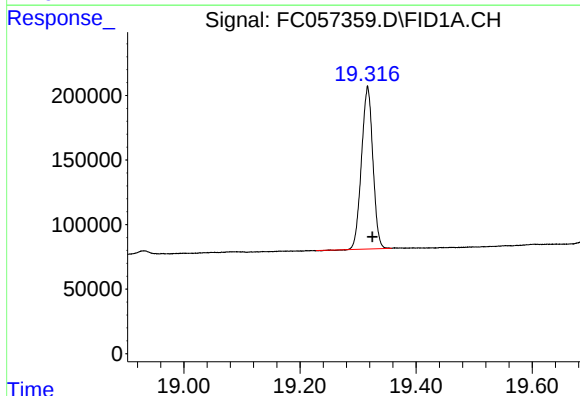
#17 n-Tricontane (C30)

R.T.: 17.706 min
Delta R.T.: -0.008 min
Response: 1768709
Conc: 21.16 ug/ml



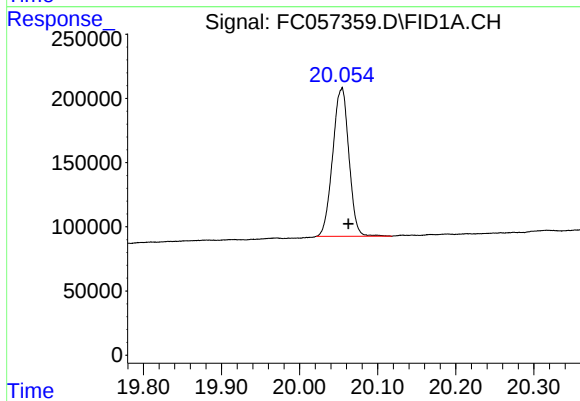
#18 n-Dotriacontane (C32)

R.T.: 18.535 min
Delta R.T.: -0.009 min
Response: 1732711
Conc: 21.19 ug/ml



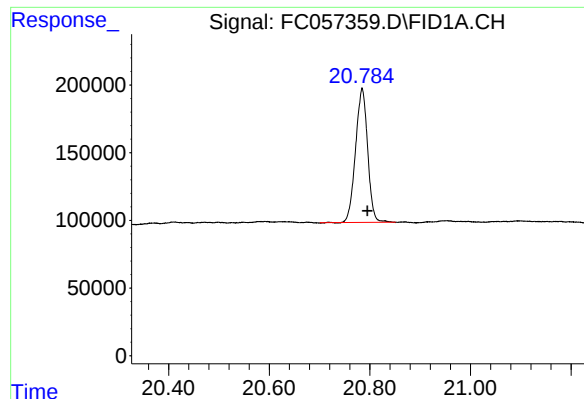
#19 n-Tetratriacontane (C34)

R.T.: 19.317 min
Delta R.T.: -0.008 min
Response: 1707875
Conc: 20.81 ug/ml



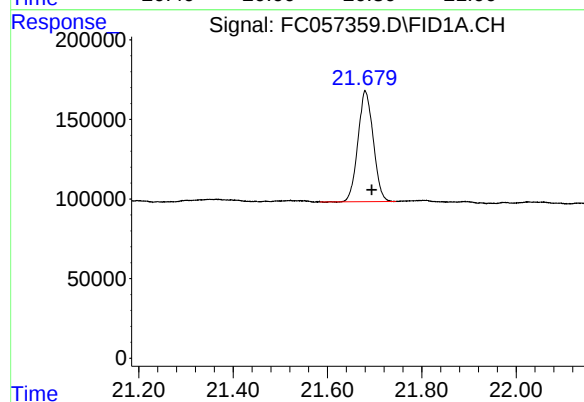
#20 n-Hexatriacontane (C36)

R.T.: 20.054 min
Delta R.T.: -0.009 min
Response: 1667315
Conc: 20.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.785 min
Delta R.T.: -0.011 min
Response: 1653773
Conc: 21.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.680 min
Delta R.T.: -0.014 min
Response: 1565255
Conc: 20.94 ug/ml