

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091620AL\
 Data File : FC049610.D
 Signal(s) : FID1A.CH
 Acq On : 17 Sep 2020 1:35
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 17 02:37:29 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 2020
 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)	11.669	1965889	17.110 ug/ml
Spiked Amount 50.000		Recovery =	34.22%
12) S 1-chlorooctadecane (S...	13.102	1511236	16.966 ug/ml
Spiked Amount 50.000		Recovery =	33.93%
Target Compounds			
1) T n-Nonane (C9)	3.403	1983775	19.176 ug/ml
2) T n-Decane (C10)	4.476	1992102	19.179 ug/ml
3) T A~Naphthalene (C11.7)	6.075	2155459	18.747 ug/ml
4) T n-Dodecane (C12)	6.501	1984685	18.776 ug/ml
5) T A~2-methylnaphthalene...	7.135	2160086	18.475 ug/ml
6) T n-Tetradecane (C14)	8.300	1935886	18.350 ug/ml
7) T n-Hexadecane (C16)	9.903	1856799	17.842 ug/ml
8) T n-Octadecane (C18)	11.346	1881665	17.509 ug/ml
10) T n-Eicosane (C20)	12.655	1840108	17.184 ug/ml
11) T n-Heneicosane (C21)	13.268	1812592	17.033 ug/ml
13) T n-Docosane (C22)	13.854	1790677	16.921 ug/ml
14) T n-Tetracosane (C24)	14.956	1764762	16.865 ug/ml
15) T n-Hexacosane (C26)	15.978	1739788	17.019 ug/ml
16) T n-Octacosane (C28)	16.927	1745024	17.363 ug/ml
17) T n-Tricontane (C30)	17.814	1736124	17.831 ug/ml
18) T n-Dotriacontane (C32)	18.645	1680639	18.599 ug/ml
19) T n-Tetratriacontane (C34)	19.427	1601009	18.703 ug/ml
20) T n-Hexatriacontane (C36)	20.166	1559222	19.353 ug/ml
21) T n-Octatriacontane (C38)	20.918	1604074	21.188 ug/mlm
22) T n-Tetracontane (C40)	21.868	1494895	19.212 ug/ml

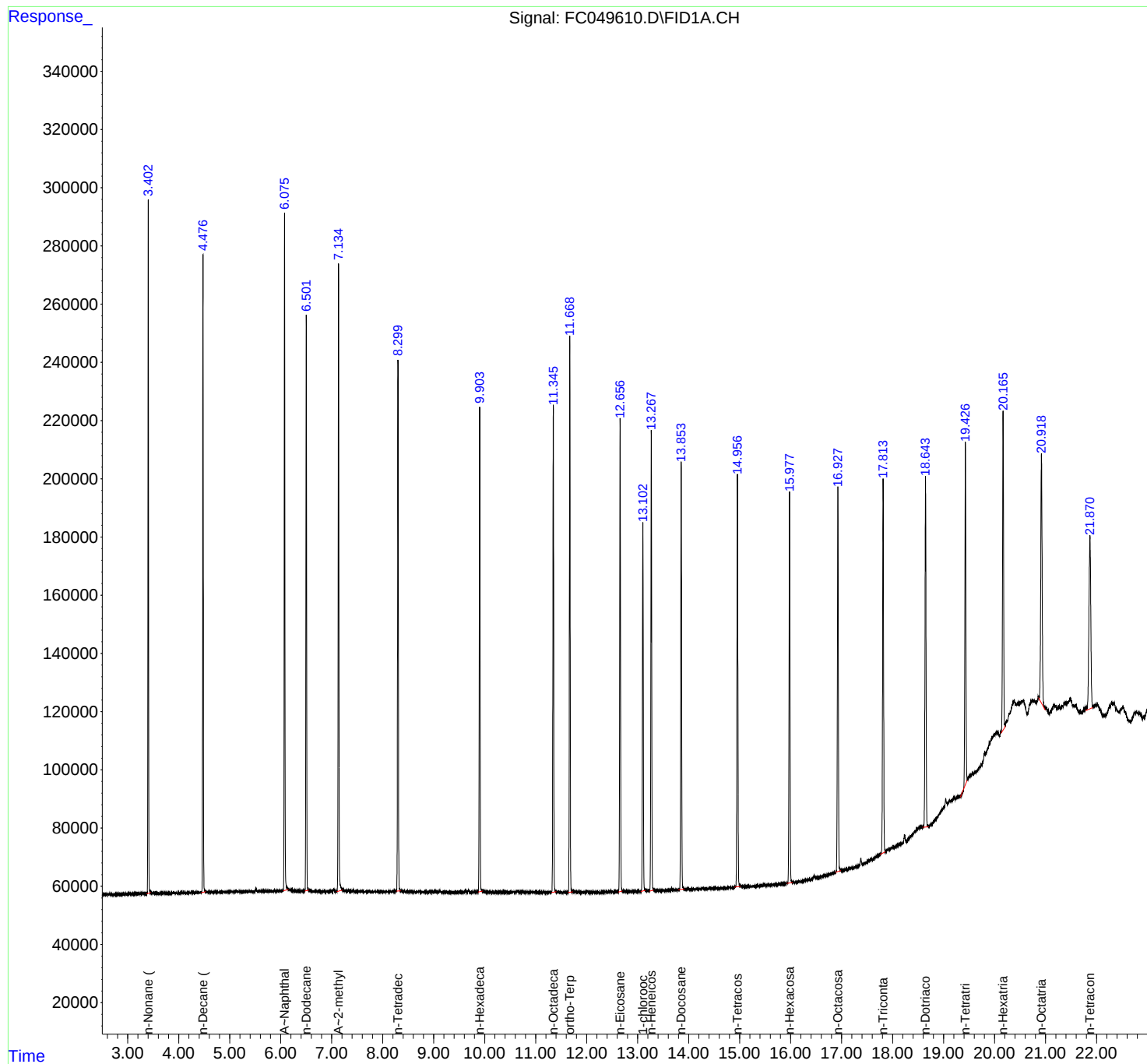
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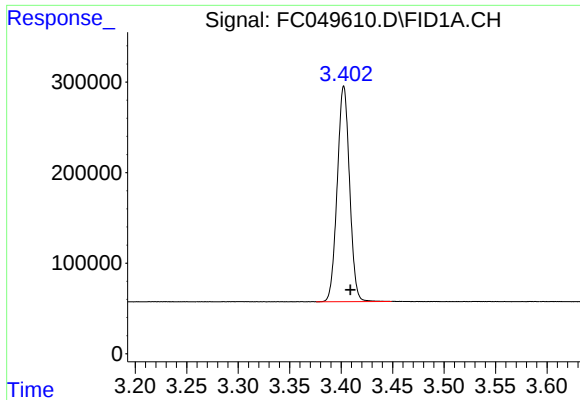
(m)=manual int.

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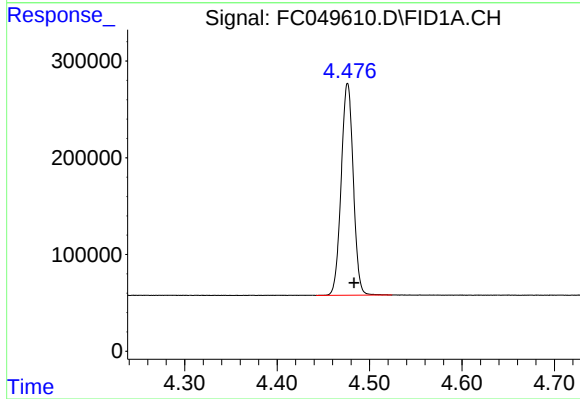
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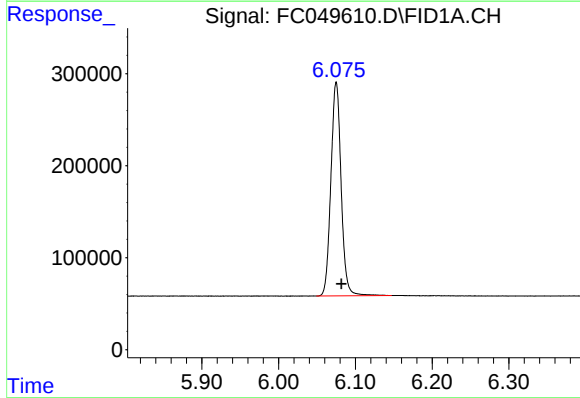
#1 n-Nonane (C9)

R.T.: 3.403 min
Delta R.T.: -0.006 min
Response: 1983775
Conc: 19.18 ug/ml



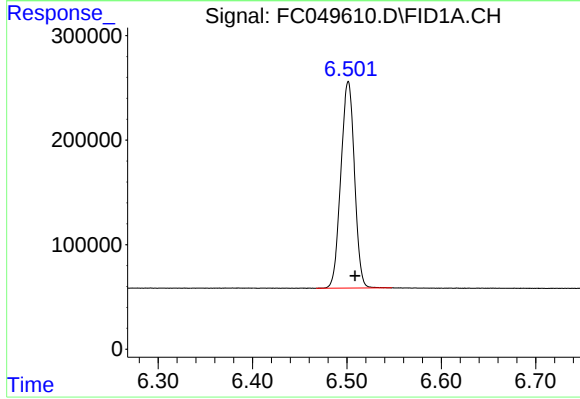
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: -0.007 min
Response: 1992102
Conc: 19.18 ug/ml



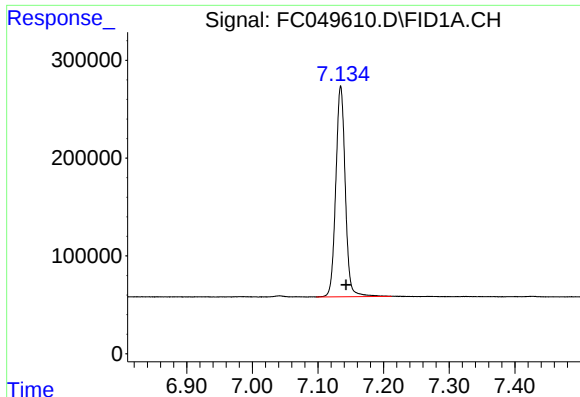
#3 A~Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.007 min
Response: 2155459
Conc: 18.75 ug/ml



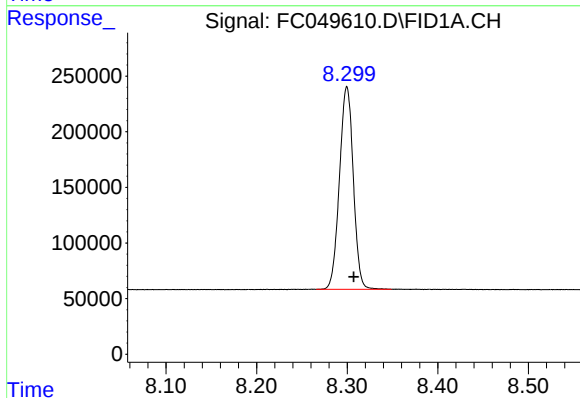
#4 n-Dodecane (C12)

R.T.: 6.501 min
Delta R.T.: -0.007 min
Response: 1984685
Conc: 18.78 ug/ml



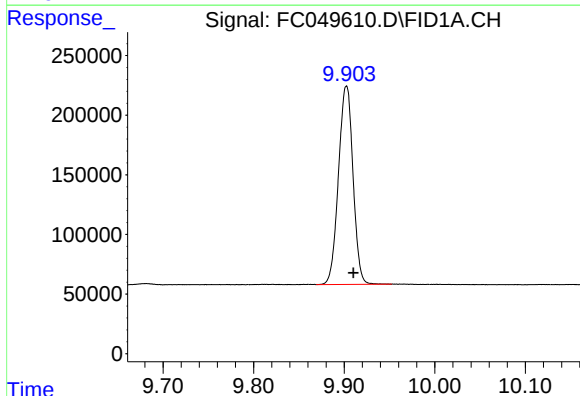
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.135 min
Delta R.T.: -0.008 min
Response: 2160086
Conc: 18.48 ug/ml



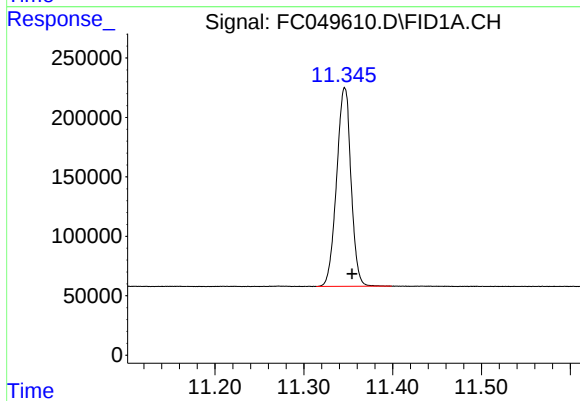
#6 n-Tetradecane (C14)

R.T.: 8.300 min
Delta R.T.: -0.008 min
Response: 1935886
Conc: 18.35 ug/ml



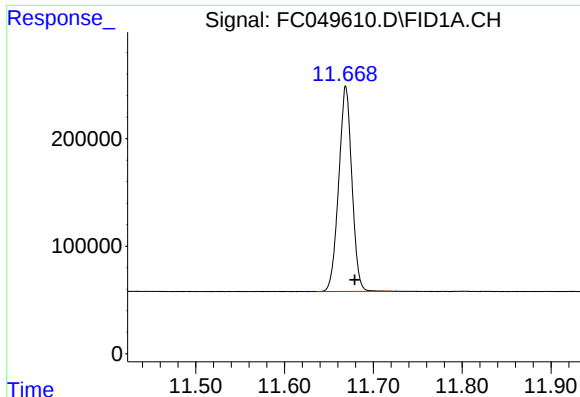
#7 n-Hexadecane (C16)

R.T.: 9.903 min
Delta R.T.: -0.008 min
Response: 1856799
Conc: 17.84 ug/ml



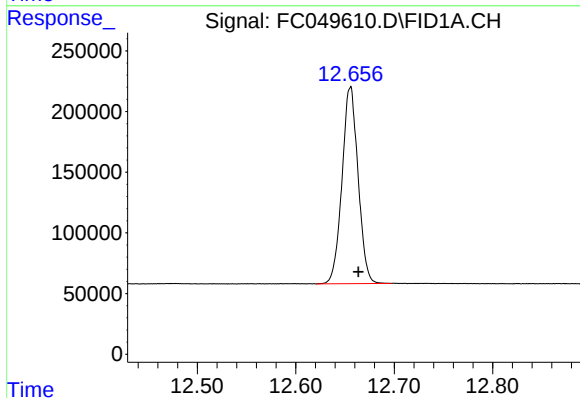
#8 n-Octadecane (C18)

R.T.: 11.346 min
Delta R.T.: -0.008 min
Response: 1881665
Conc: 17.51 ug/ml



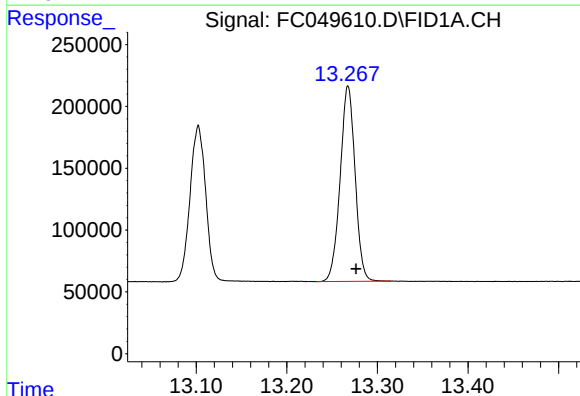
#9 ortho-Terphenyl (SURR)

R.T.: 11.669 min
Delta R.T.: -0.010 min
Response: 1965889
Conc: 17.11 ug/ml



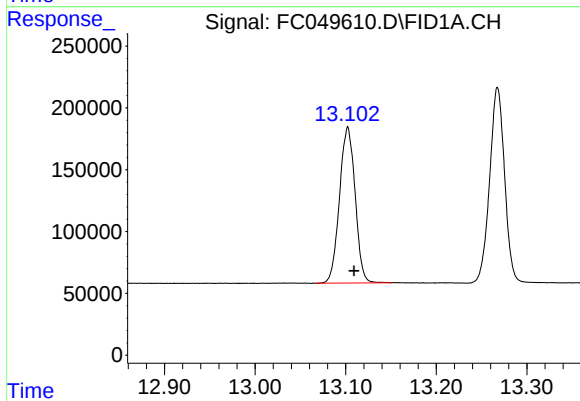
#10 n-Eicosane (C20)

R.T.: 12.655 min
Delta R.T.: -0.008 min
Response: 1840108
Conc: 17.18 ug/ml



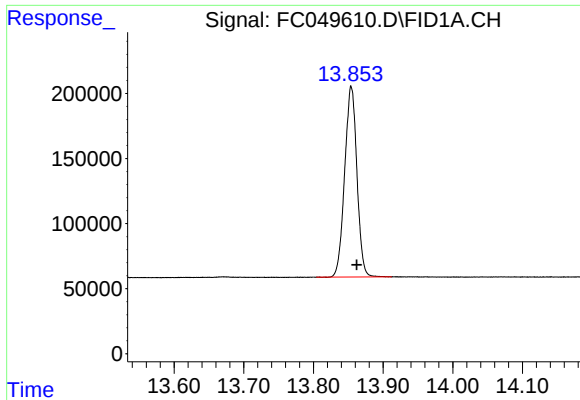
#11 n-Heneicosane (C21)

R.T.: 13.268 min
Delta R.T.: -0.009 min
Response: 1812592
Conc: 17.03 ug/ml



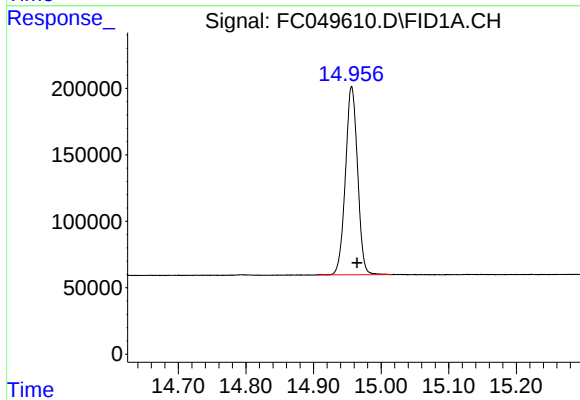
#12 1-chlorooctadecane (SURR)

R.T.: 13.102 min
Delta R.T.: -0.007 min
Response: 1511236
Conc: 16.97 ug/ml



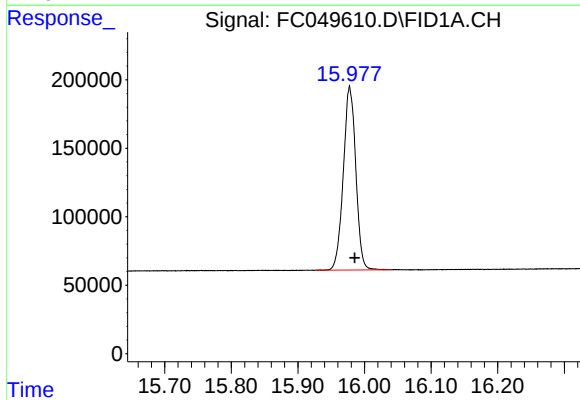
#13 n-Docosane (C22)

R.T.: 13.854 min
Delta R.T.: -0.008 min
Response: 1790677
Conc: 16.92 ug/ml



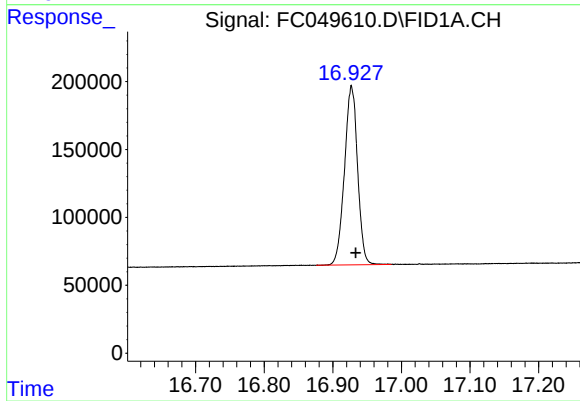
#14 n-Tetracosane (C24)

R.T.: 14.956 min
Delta R.T.: -0.008 min
Response: 1764762
Conc: 16.86 ug/ml



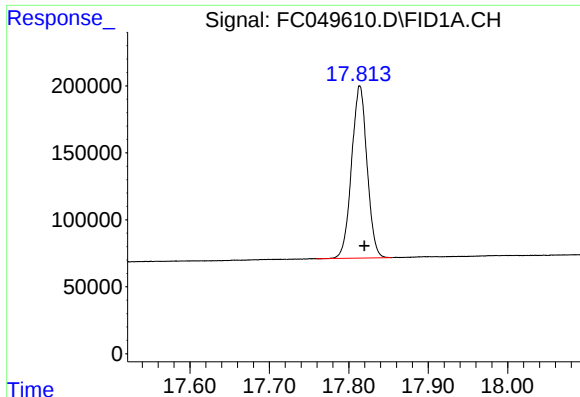
#15 n-Hexacosane (C26)

R.T.: 15.978 min
Delta R.T.: -0.008 min
Response: 1739788
Conc: 17.02 ug/ml



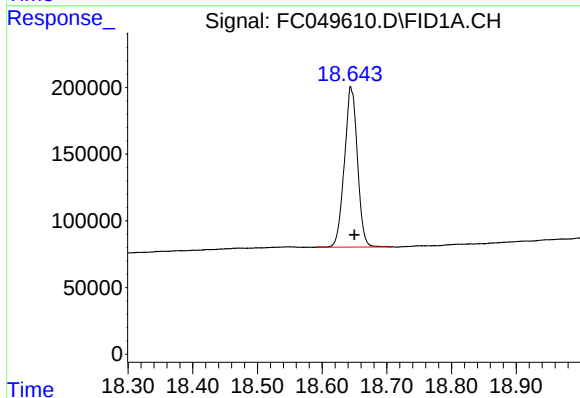
#16 n-Octacosane (C28)

R.T.: 16.927 min
Delta R.T.: -0.006 min
Response: 1745024
Conc: 17.36 ug/ml



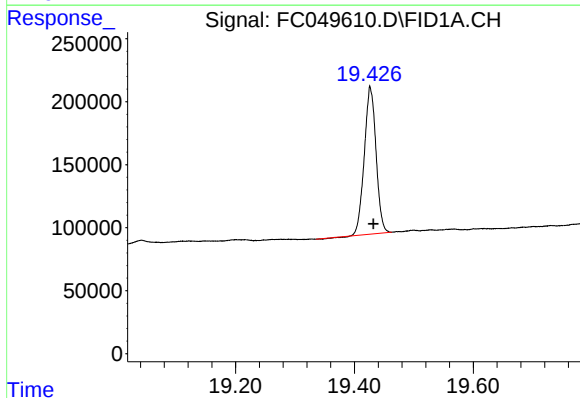
#17 n-Tricontane (C30)

R.T.: 17.814 min
Delta R.T.: -0.006 min
Response: 1736124
Conc: 17.83 ug/ml



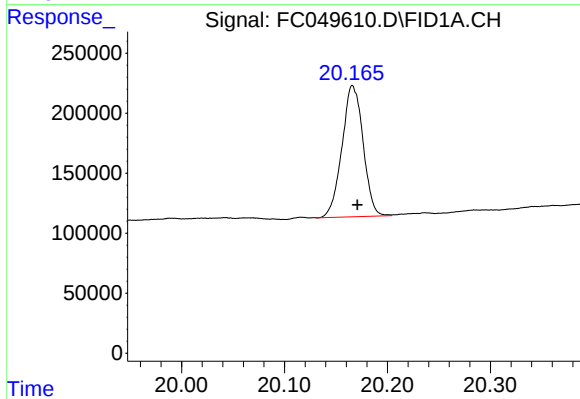
#18 n-Dotriacontane (C32)

R.T.: 18.645 min
Delta R.T.: -0.005 min
Response: 1680639
Conc: 18.60 ug/ml



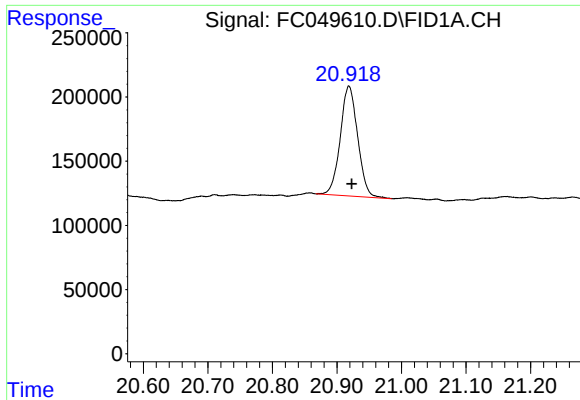
#19 n-Tetratriacontane (C34)

R.T.: 19.427 min
Delta R.T.: -0.005 min
Response: 1601009
Conc: 18.70 ug/ml



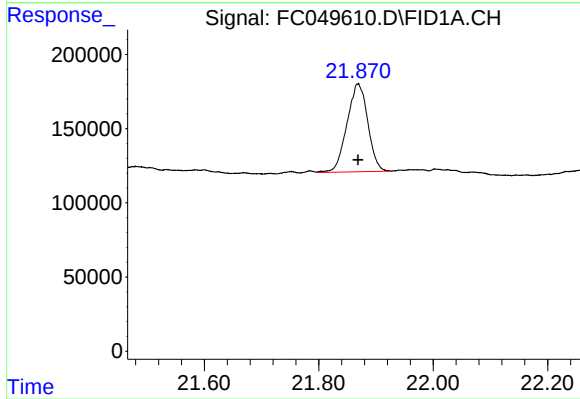
#20 n-Hexatriacontane (C36)

R.T.: 20.166 min
Delta R.T.: -0.005 min
Response: 1559222
Conc: 19.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.918 min
Delta R.T.: -0.005 min
Response: 1604074
Conc: 21.19 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.868 min
Delta R.T.: 0.000 min
Response: 1494895
Conc: 19.21 ug/ml