

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040119AL\
 Data File : FC040253.D
 Signal(s) : FID1A.CH
 Acq On : 02 Apr 2019 1:31
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 02 02:41:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032319.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 13:38:33 2019
 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)	11.027	2402508	18.656 ug/ml
Spiked Amount 50.000		Recovery =	37.31%
12) S 1-chlorooctadecane (S...	12.457	1826184	18.487 ug/ml
Spiked Amount 50.000		Recovery =	36.97%
Target Compounds			
1) T n-Nonane (C9)	2.856	1527574	18.509 ug/ml
2) T n-Decane (C10)	3.879	1611216	19.037 ug/ml
3) T A-Naphthalene (C11.7)	5.454	1973186	20.224 ug/ml
4) T n-Dodecane (C12)	5.875	1725814	19.980 ug/ml
5) T A~2-methylnaphthalene...	6.504	2030831	20.439 ug/ml
6) T n-Tetradecane (C14)	7.665	1827320	20.049 ug/ml
7) T n-Hexadecane (C16)	9.264	1864999	19.404 ug/ml
8) T n-Octadecane (C18)	10.704	1857219	18.514 ug/ml
10) T n-Eicosane (C20)	12.011	1850310	18.181 ug/ml
11) T n-Heneicosane (C21)	12.622	1831690	18.164 ug/ml
13) T n-Docosane (C22)	13.209	1827420	18.180 ug/ml
14) T n-Tetracosane (C24)	14.310	1826812	18.348 ug/ml
15) T n-Hexacosane (C26)	15.330	1817083	18.560 ug/ml
16) T n-Octacosane (C28)	16.279	1821509	18.568 ug/ml
17) T n-Tricontane (C30)	17.167	1794189	18.336 ug/ml
18) T n-Dotriacontane (C32)	17.999	1723593	17.810 ug/ml
19) T n-Tetratriacontane (C34)	18.817	1528445	18.233 ug/ml
20) T n-Hexatriacontane (C36)	19.844	1353110	18.378 ug/ml
21) T n-Octatriacontane (C38)	21.231	1258622	18.215 ug/ml
22) T n-Tetracontane (C40)	23.159f	1236380	18.239 ug/mlm

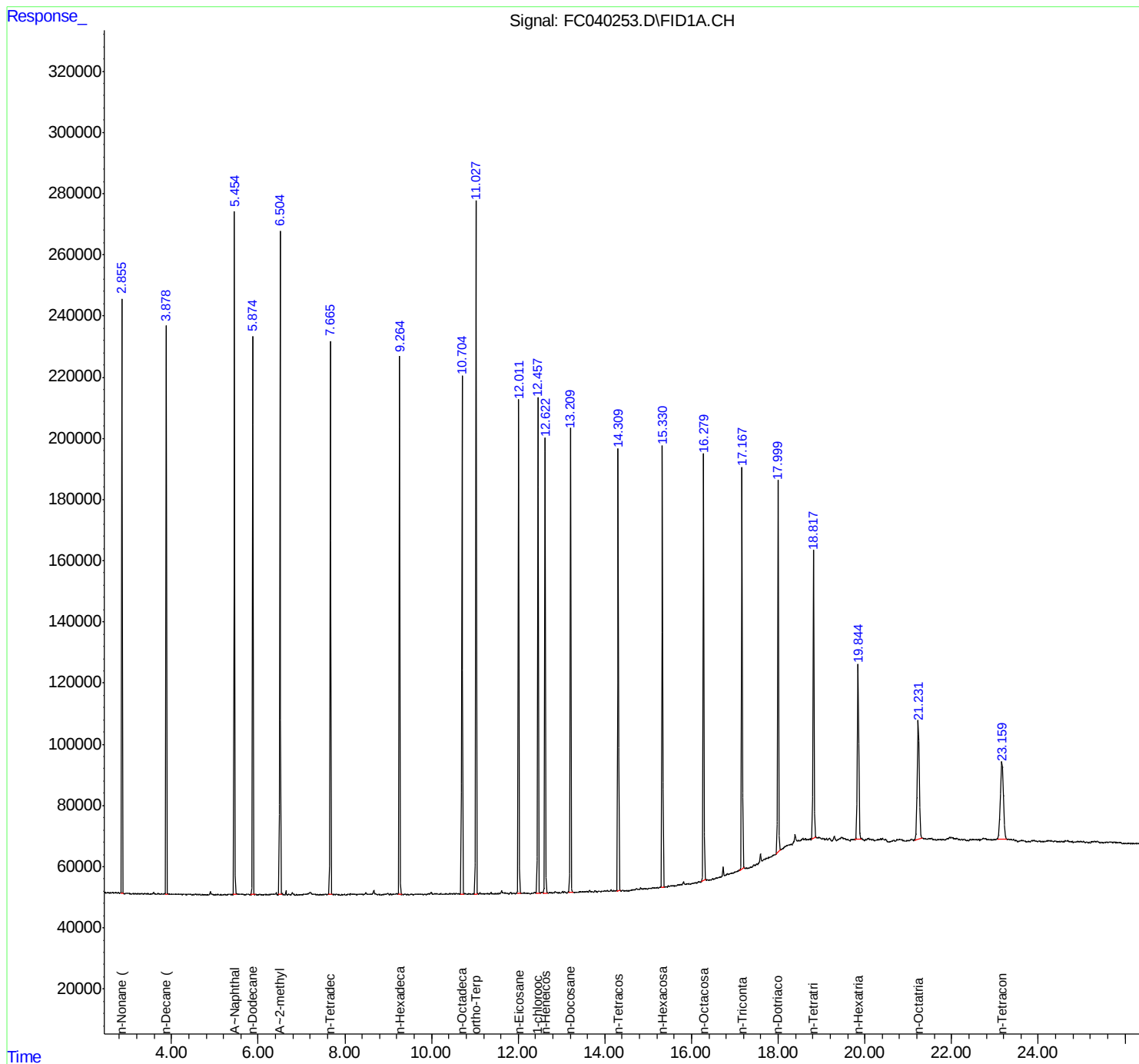
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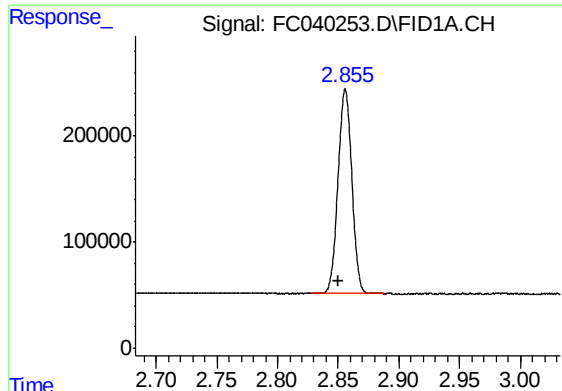
(m)=manual int.

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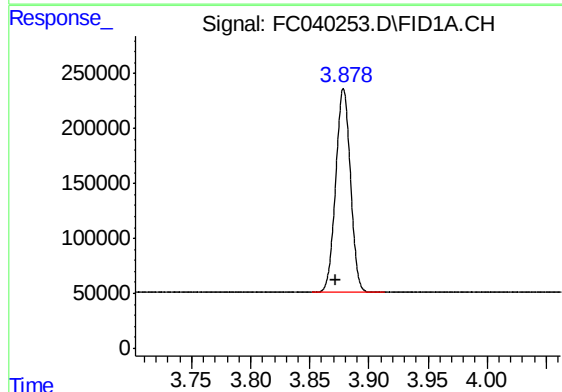
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Signal Info : 20M x 0.18mm x 0.18um





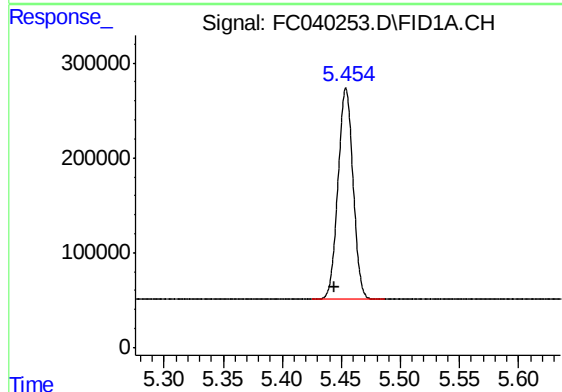
#1 n-Nonane (C9)

R.T.: 2.856 min
Delta R.T.: 0.006 min
Response: 1527574
Conc: 18.51 ug/ml



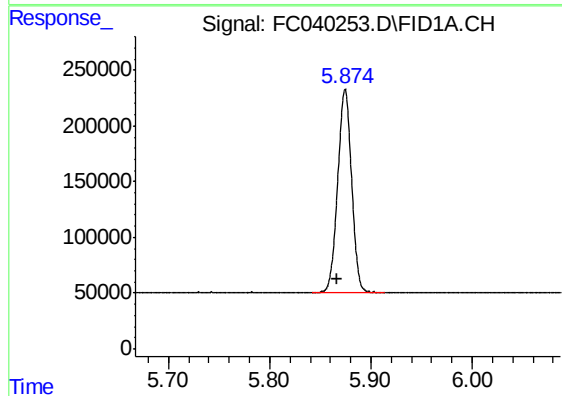
#2 n-Decane (C10)

R.T.: 3.879 min
Delta R.T.: 0.007 min
Response: 1611216
Conc: 19.04 ug/ml



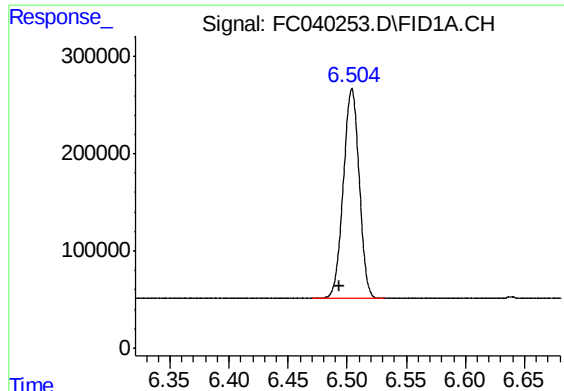
#3 A~Naphthalene (C11.7)

R.T.: 5.454 min
Delta R.T.: 0.009 min
Response: 1973186
Conc: 20.22 ug/ml



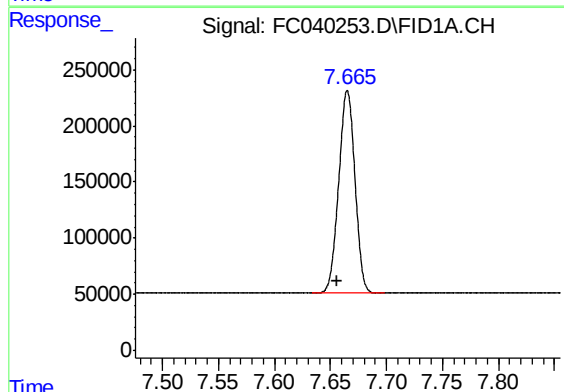
#4 n-Dodecane (C12)

R.T.: 5.875 min
Delta R.T.: 0.008 min
Response: 1725814
Conc: 19.98 ug/ml



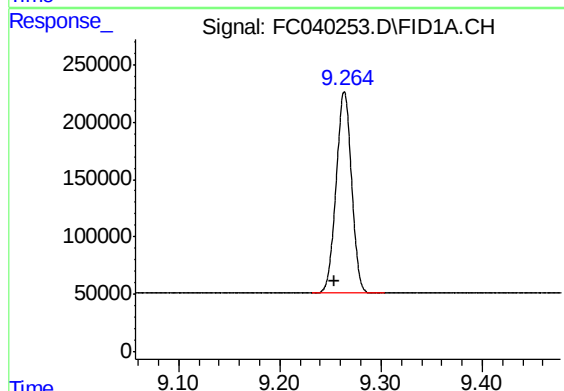
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.504 min
Delta R.T.: 0.011 min
Response: 2030831
Conc: 20.44 ug/ml



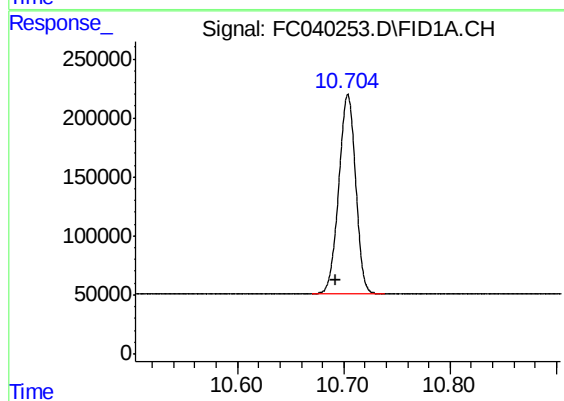
#6 n-Tetradecane (C14)

R.T.: 7.665 min
Delta R.T.: 0.009 min
Response: 1827320
Conc: 20.05 ug/ml



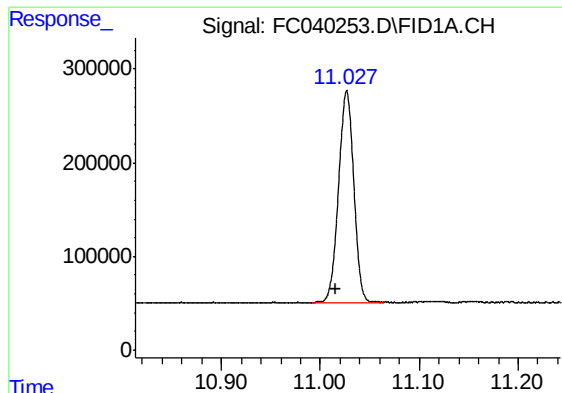
#7 n-Hexadecane (C16)

R.T.: 9.264 min
Delta R.T.: 0.010 min
Response: 1864999
Conc: 19.40 ug/ml



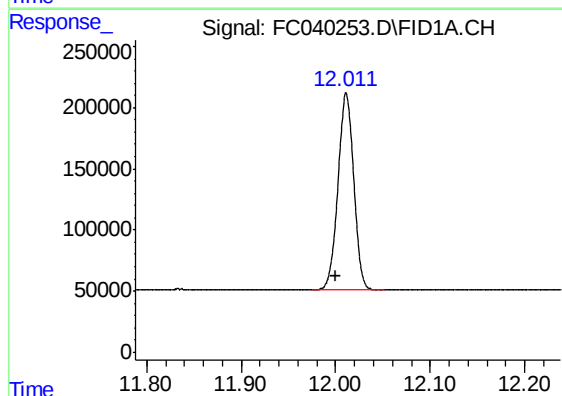
#8 n-Octadecane (C18)

R.T.: 10.704 min
Delta R.T.: 0.011 min
Response: 1857219
Conc: 18.51 ug/ml



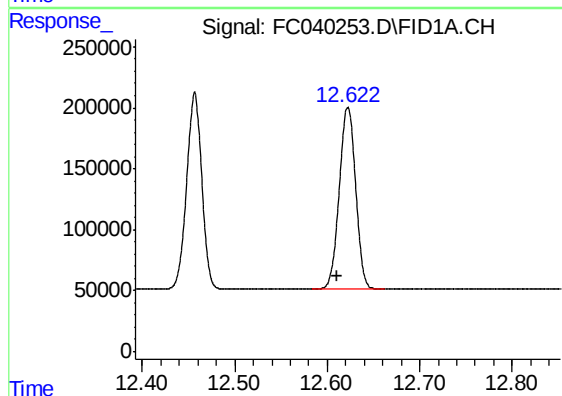
#9 ortho-Terphenyl (SURR)

R.T.: 11.027 min
Delta R.T.: 0.011 min
Response: 2402508
Conc: 18.66 ug/ml



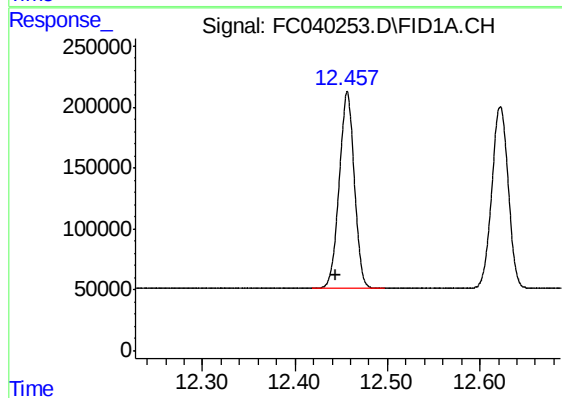
#10 n-Eicosane (C20)

R.T.: 12.011 min
Delta R.T.: 0.011 min
Response: 1850310
Conc: 18.18 ug/ml



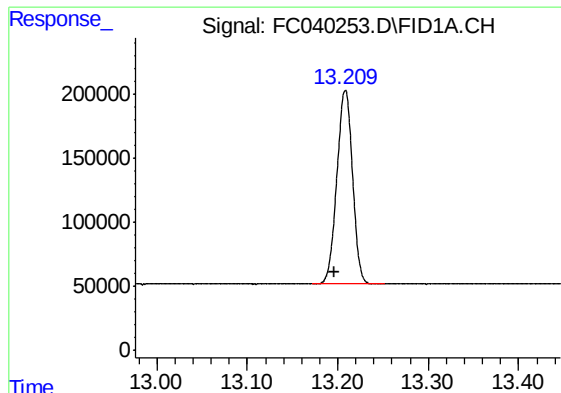
#11 n-Heneicosane (C21)

R.T.: 12.622 min
Delta R.T.: 0.012 min
Response: 1831690
Conc: 18.16 ug/ml



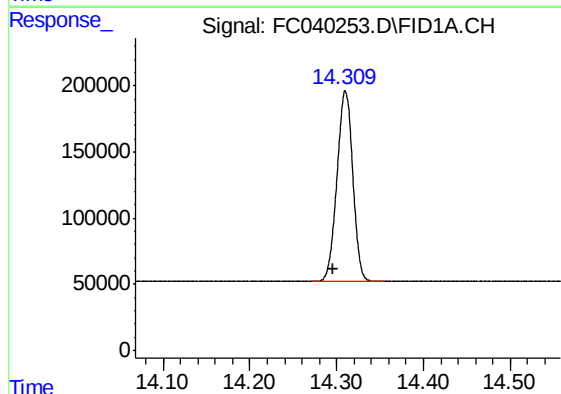
#12 1-chlorooctadecane (SURR)

R.T.: 12.457 min
Delta R.T.: 0.012 min
Response: 1826184
Conc: 18.49 ug/ml



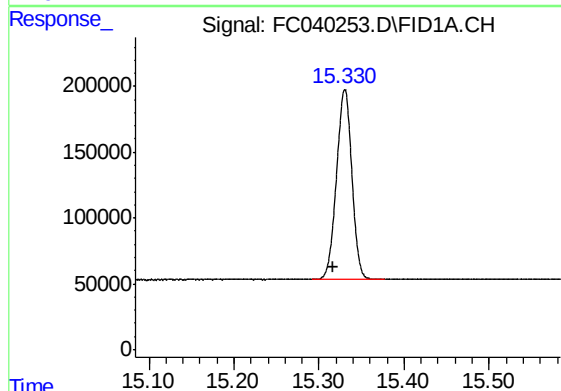
#13 n-Docosane (C22)

R.T.: 13.209 min
Delta R.T.: 0.013 min
Response: 1827420
Conc: 18.18 ug/ml



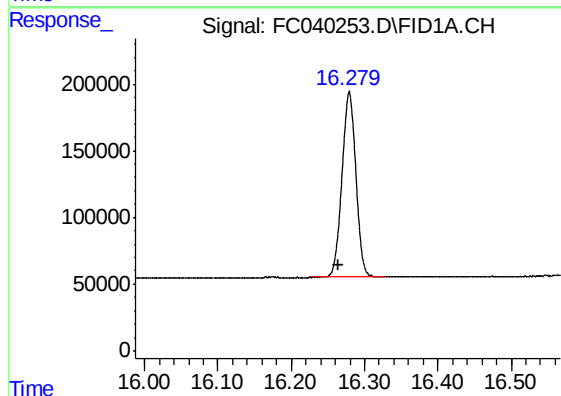
#14 n-Tetracosane (C24)

R.T.: 14.310 min
Delta R.T.: 0.014 min
Response: 1826812
Conc: 18.35 ug/ml



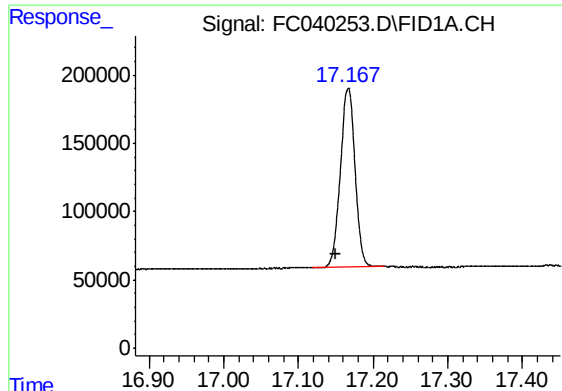
#15 n-Hexacosane (C26)

R.T.: 15.330 min
Delta R.T.: 0.014 min
Response: 1817083
Conc: 18.56 ug/ml



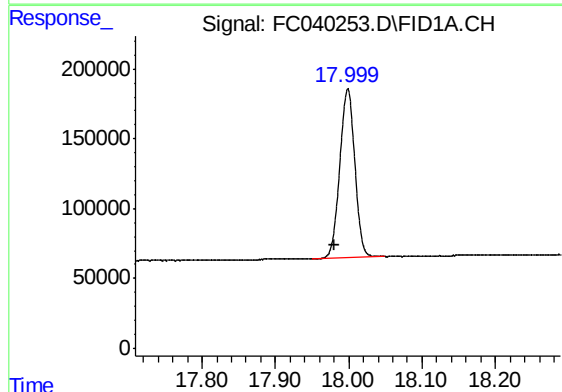
#16 n-Octacosane (C28)

R.T.: 16.279 min
Delta R.T.: 0.015 min
Response: 1821509
Conc: 18.57 ug/ml



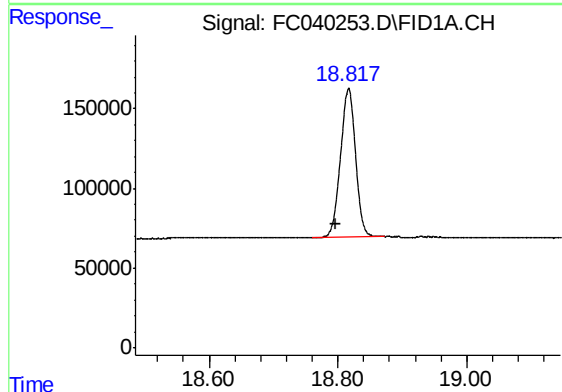
#17 n-Tricontane (C30)

R.T.: 17.167 min
Delta R.T.: 0.017 min
Response: 1794189
Conc: 18.34 ug/ml



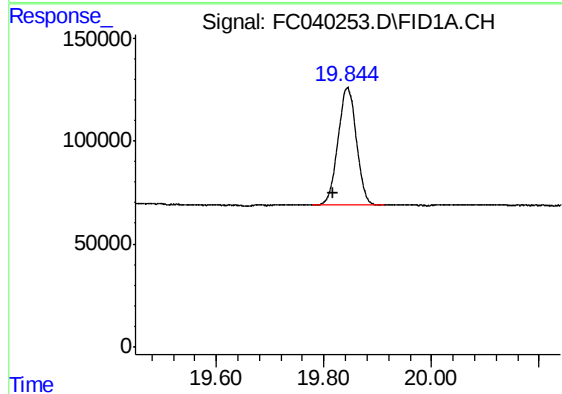
#18 n-Dotriacontane (C32)

R.T.: 17.999 min
Delta R.T.: 0.019 min
Response: 1723593
Conc: 17.81 ug/ml



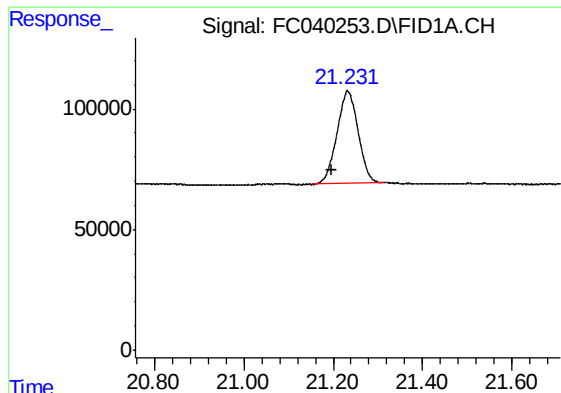
#19 n-Tetatriacontane (C34)

R.T.: 18.817 min
Delta R.T.: 0.021 min
Response: 1528445
Conc: 18.23 ug/ml



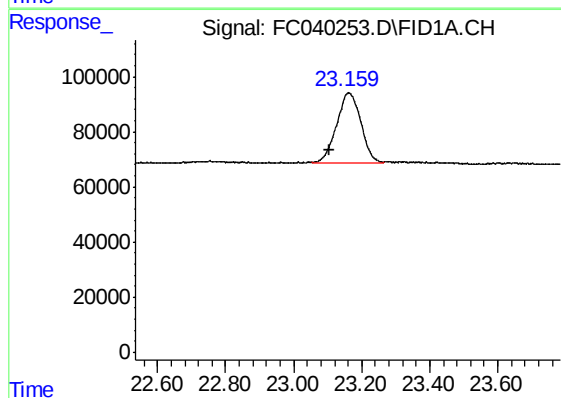
#20 n-Hexatriacontane (C36)

R.T.: 19.844 min
Delta R.T.: 0.026 min
Response: 1353110
Conc: 18.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.231 min
Delta R.T.: 0.035 min
Response: 1258622
Conc: 18.21 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.159 min
Delta R.T.: 0.053 min
Response: 1236380
Conc: 18.24 ug/ml m