

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041919AL\
 Data File : FC040748.D
 Signal(s) : FID1A.CH
 Acq On : 19 Apr 2019 12:30
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 20 01:18:31 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)	11.025	2561672	19.892 ug/ml
Spiked Amount 50.000		Recovery =	39.78%
12) S 1-chlorooctadecane (S...	12.454	1948322	19.724 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
Target Compounds			
1) T n-Nonane (C9)	2.862	1462673	17.722 ug/ml
2) T n-Decane (C10)	3.884	1564226	18.482 ug/ml
3) T A-Naphthalene (C11.7)	5.459	2097387	21.496 ug/ml
4) T n-Dodecane (C12)	5.878	1740490	20.150 ug/ml
5) T A~2-methylnaphthalene...	6.507	2167957	21.819 ug/ml
6) T n-Tetradecane (C14)	7.666	1894277	20.784 ug/ml
7) T n-Hexadecane (C16)	9.263	1959488	20.387 ug/ml
8) T n-Octadecane (C18)	10.702	1969086	19.630 ug/ml
10) T n-Eicosane (C20)	12.008	1974954	19.406 ug/ml
11) T n-Heneicosane (C21)	12.620	1959389	19.430 ug/ml
13) T n-Docosane (C22)	13.205	1958837	19.487 ug/ml
14) T n-Tetracosane (C24)	14.305	1967945	19.766 ug/ml
15) T n-Hexacosane (C26)	15.326	1970462	20.127 ug/ml
16) T n-Octacosane (C28)	16.273	1994807	20.335 ug/ml
17) T n-Tricontane (C30)	17.161	1982016	20.256 ug/ml
18) T n-Dotriacontane (C32)	17.992	1903944	19.673 ug/ml
19) T n-Tetratriacontane (C34)	18.811	1680165	20.043 ug/ml
20) T n-Hexatriacontane (C36)	19.835	1478674	20.083 ug/ml
21) T n-Octatriacontane (C38)	21.217	1378912	19.956 ug/ml
22) T n-Tetracontane (C40)	23.137	1357642	20.028 ug/ml

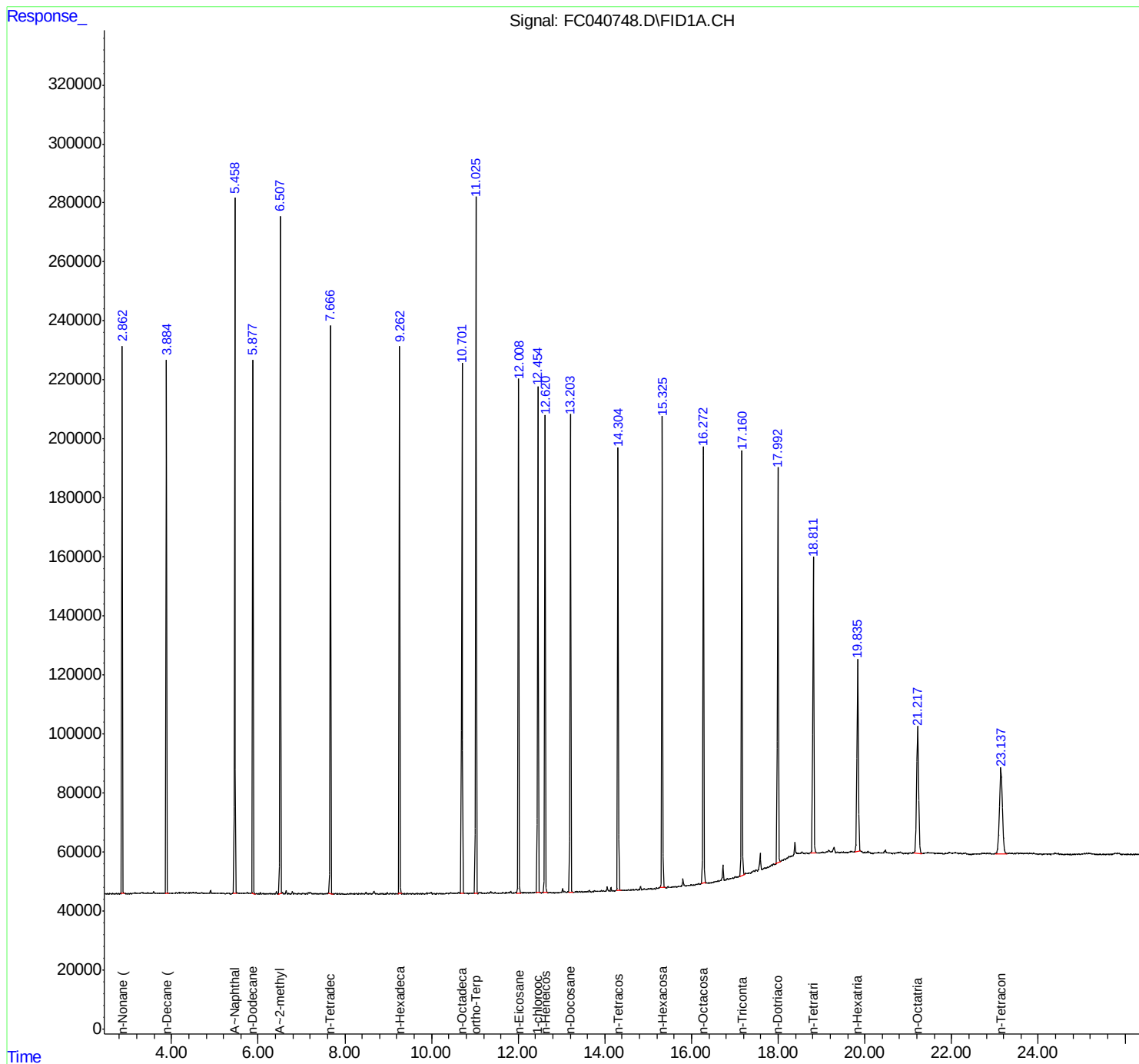
(f)=RT Delta > 1/2 Window

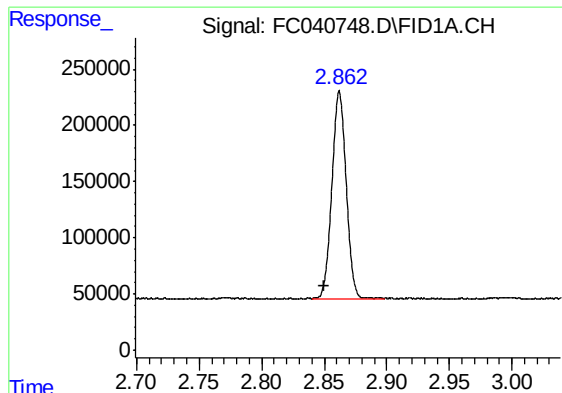
(m)=manual int.

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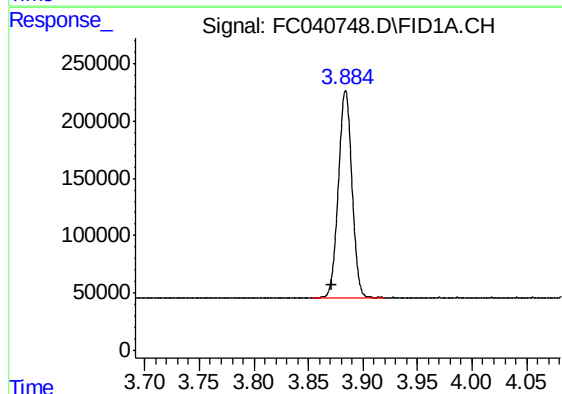
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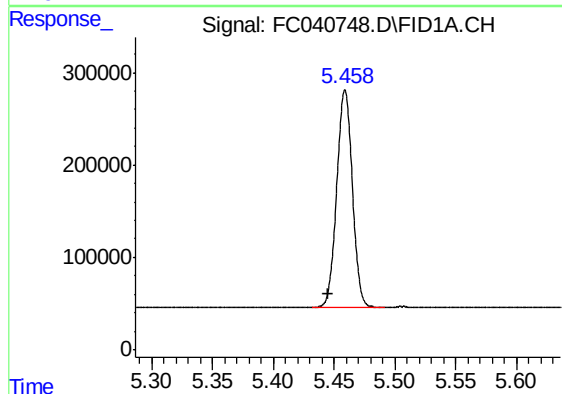
#1 n-Nonane (C9)

R.T.: 2.862 min
Delta R.T.: 0.012 min
Response: 1462673
Conc: 17.72 ug/ml



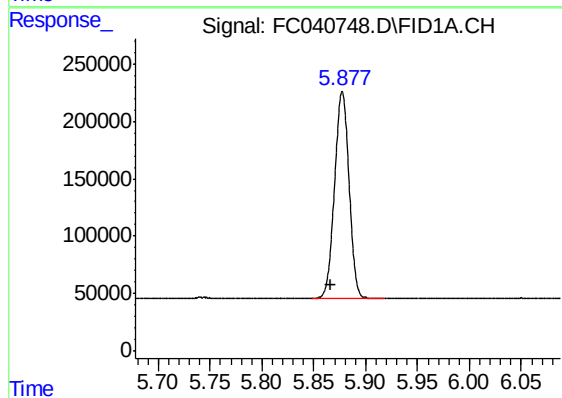
#2 n-Decane (C10)

R.T.: 3.884 min
Delta R.T.: 0.012 min
Response: 1564226
Conc: 18.48 ug/ml



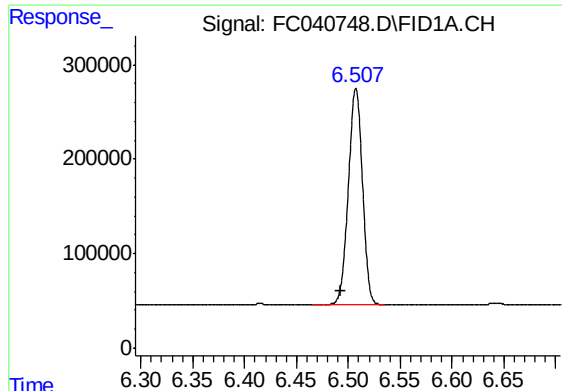
#3 A~Naphthalene (C11.7)

R.T.: 5.459 min
Delta R.T.: 0.014 min
Response: 2097387
Conc: 21.50 ug/ml



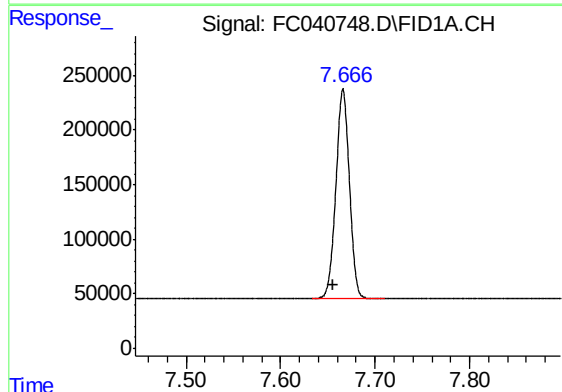
#4 n-Dodecane (C12)

R.T.: 5.878 min
Delta R.T.: 0.011 min
Response: 1740490
Conc: 20.15 ug/ml



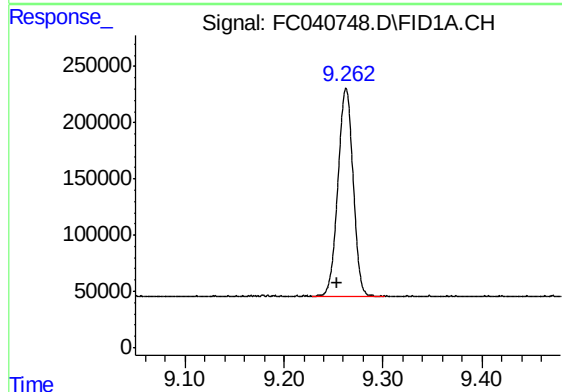
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.507 min
Delta R.T.: 0.014 min
Response: 2167957
Conc: 21.82 ug/ml



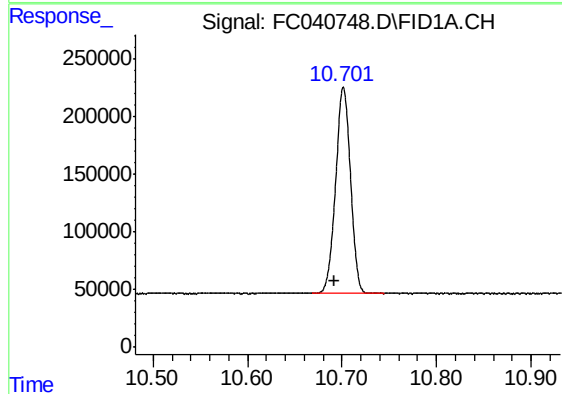
#6 n-Tetradecane (C14)

R.T.: 7.666 min
Delta R.T.: 0.010 min
Response: 1894277
Conc: 20.78 ug/ml



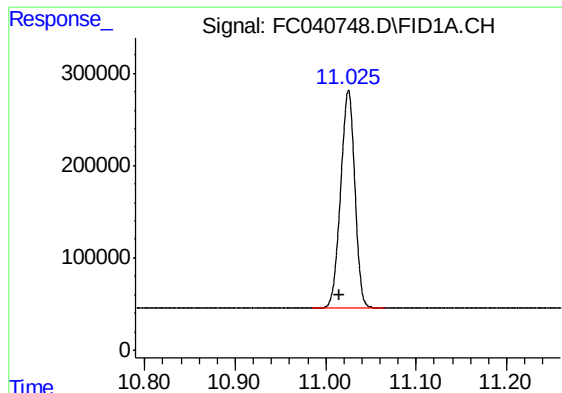
#7 n-Hexadecane (C16)

R.T.: 9.263 min
Delta R.T.: 0.009 min
Response: 1959488
Conc: 20.39 ug/ml



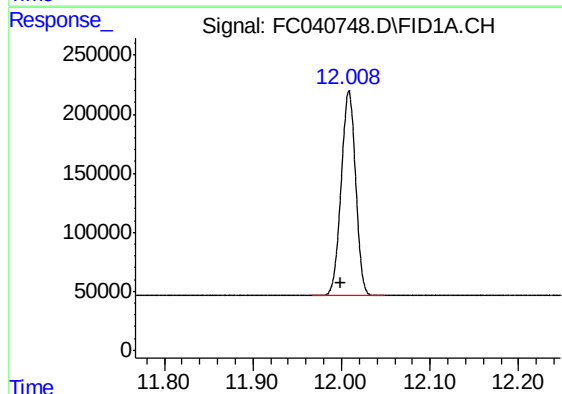
#8 n-Octadecane (C18)

R.T.: 10.702 min
Delta R.T.: 0.009 min
Response: 1969086
Conc: 19.63 ug/ml



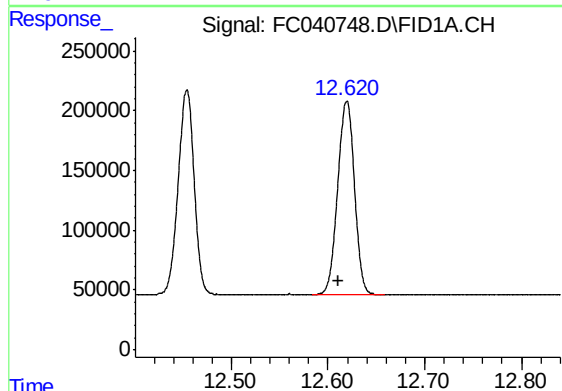
#9 ortho-Terphenyl (SURR)

R.T.: 11.025 min
Delta R.T.: 0.010 min
Response: 2561672
Conc: 19.89 ug/ml



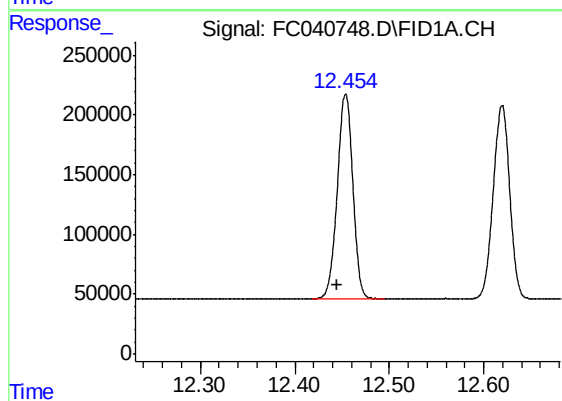
#10 n-Eicosane (C20)

R.T.: 12.008 min
Delta R.T.: 0.008 min
Response: 1974954
Conc: 19.41 ug/ml



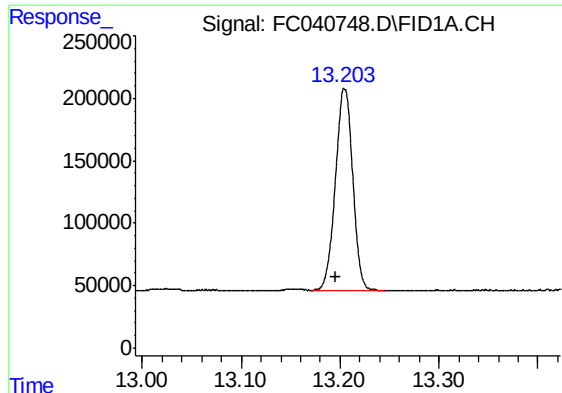
#11 n-Heneicosane (C21)

R.T.: 12.620 min
Delta R.T.: 0.009 min
Response: 1959389
Conc: 19.43 ug/ml



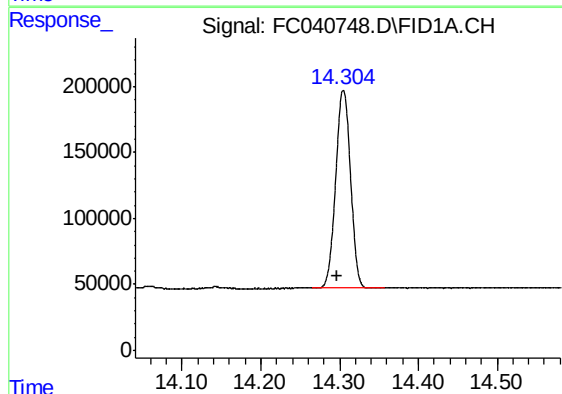
#12 1-chlorooctadecane (SURR)

R.T.: 12.454 min
Delta R.T.: 0.009 min
Response: 1948322
Conc: 19.72 ug/ml



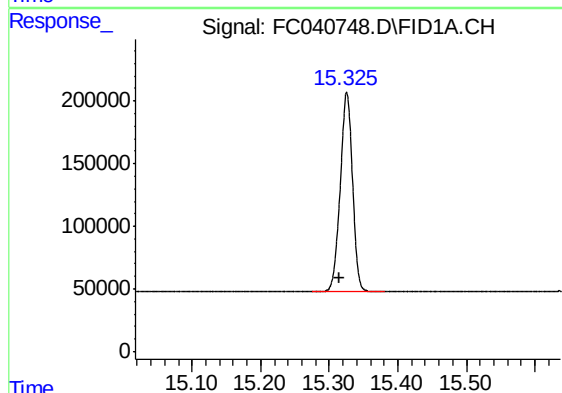
#13 n-Docosane (C22)

R.T.: 13.205 min
Delta R.T.: 0.009 min
Response: 1958837
Conc: 19.49 ug/ml



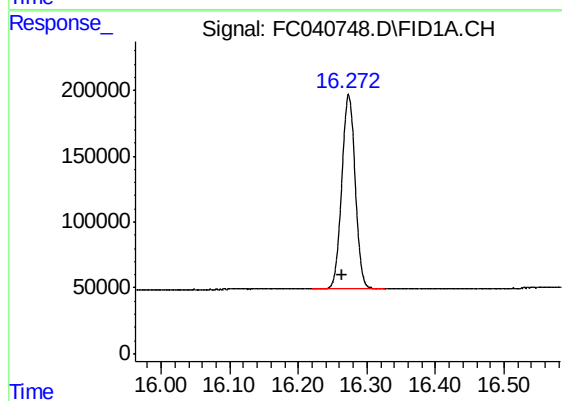
#14 n-Tetracosane (C24)

R.T.: 14.305 min
Delta R.T.: 0.008 min
Response: 1967945
Conc: 19.77 ug/ml



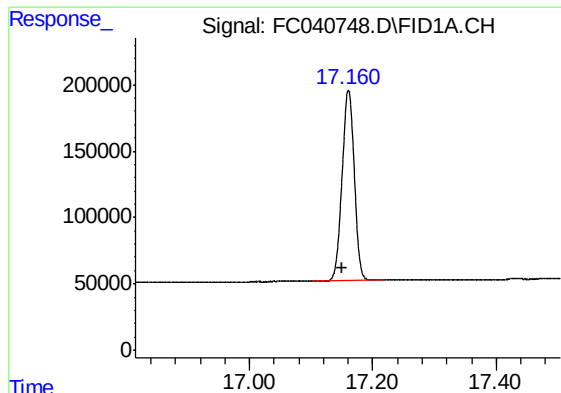
#15 n-Hexacosane (C26)

R.T.: 15.326 min
Delta R.T.: 0.010 min
Response: 1970462
Conc: 20.13 ug/ml



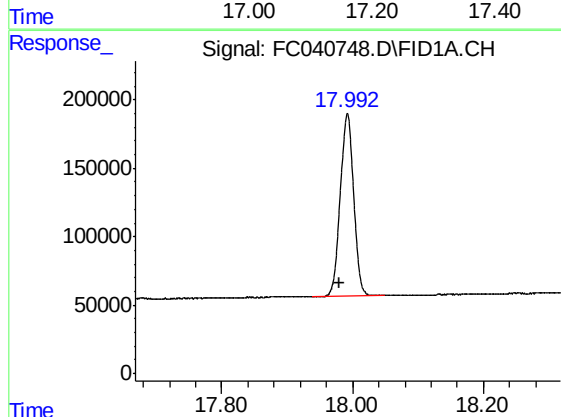
#16 n-Octacosane (C28)

R.T.: 16.273 min
Delta R.T.: 0.009 min
Response: 1994807
Conc: 20.33 ug/ml



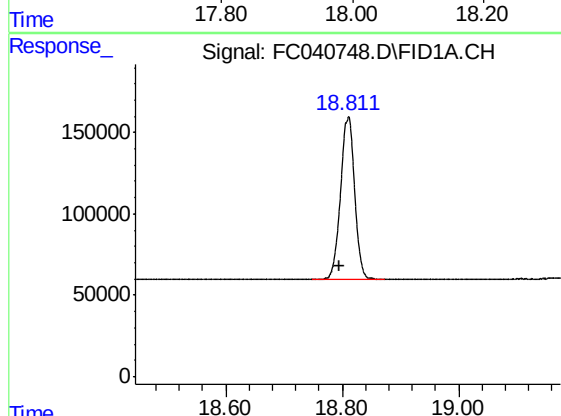
#17 n-Tricontane (C30)

R.T.: 17.161 min
Delta R.T.: 0.011 min
Response: 1982016
Conc: 20.26 ug/ml



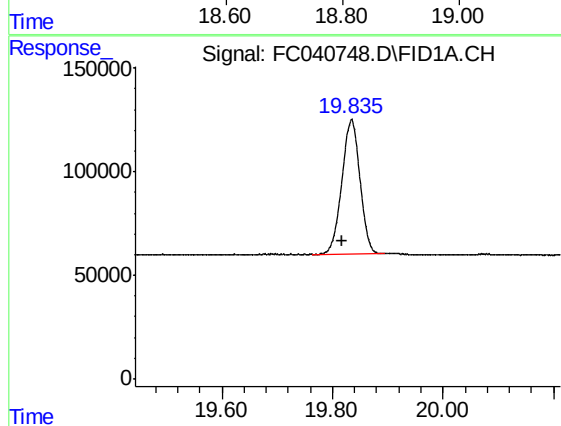
#18 n-Dotriacontane (C32)

R.T.: 17.992 min
Delta R.T.: 0.012 min
Response: 1903944
Conc: 19.67 ug/ml



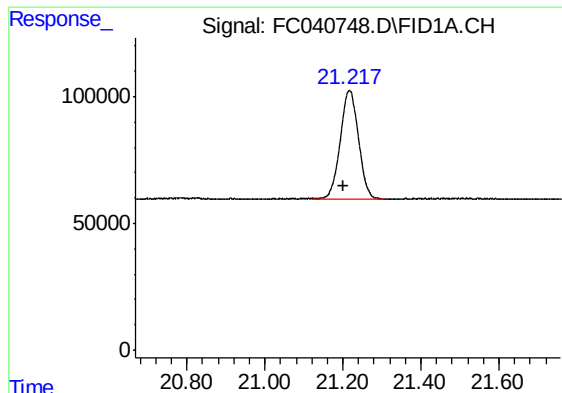
#19 n-Tetratriacontane (C34)

R.T.: 18.811 min
Delta R.T.: 0.015 min
Response: 1680165
Conc: 20.04 ug/ml



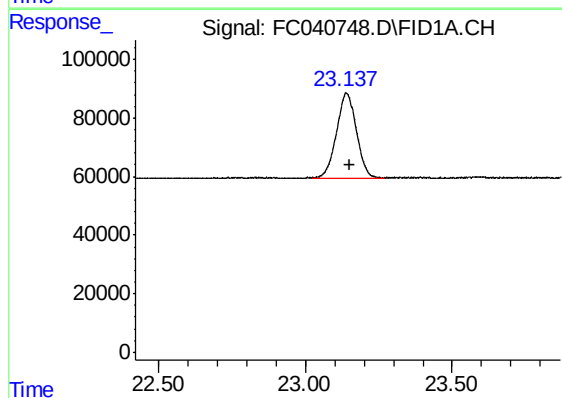
#20 n-Hexatriacontane (C36)

R.T.: 19.835 min
Delta R.T.: 0.017 min
Response: 1478674
Conc: 20.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.217 min
Delta R.T.: 0.017 min
Response: 1378912
Conc: 19.96 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.137 min
Delta R.T.: -0.013 min
Response: 1357642
Conc: 20.03 ug/ml