

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051920AL\
 Data File : FC047502.D
 Signal(s) : FID1A.CH
 Acq On : 19 May 2020 8:49
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 20 00:40:15 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050820.M
 Quant Title : GC Extractables
 QLast Update : Fri May 08 16:49:27 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)	11.741	2264391	18.942 ug/ml
Spiked Amount 50.000		Recovery =	37.88%
12) S 1-chlorooctadecane (S...	13.155	1817163	18.527 ug/ml
Spiked Amount 50.000		Recovery =	37.05%
Target Compounds			
1) T n-Nonane (C9)	3.547	2124265	20.954 ug/ml
2) T n-Decane (C10)	4.611	2150702	21.046 ug/ml
3) T A~Naphthalene (C11.7)	6.210	2160102	20.745 ug/ml
4) T n-Dodecane (C12)	6.612	2198248	20.812 ug/ml
5) T A~2-methylnaphthalene...	7.257	2163153	20.599 ug/ml
6) T n-Tetradecane (C14)	8.391	2167769	20.494 ug/ml
7) T n-Hexadecane (C16)	9.978	2114199	19.981 ug/ml
8) T n-Octadecane (C18)	11.409	2178111	19.451 ug/ml
10) T n-Eicosane (C20)	12.709	2152442	18.916 ug/ml
11) T n-Heneicosane (C21)	13.316	2120511	18.652 ug/ml
13) T n-Docosane (C22)	13.899	2088607	18.380 ug/ml
14) T n-Tetracosane (C24)	14.996	2028061	17.924 ug/ml
15) T n-Hexacosane (C26)	16.009	1960903	17.507 ug/ml
16) T n-Octacosane (C28)	16.954	1931125	17.314 ug/ml
17) T n-Tricontane (C30)	17.836	1886776	17.450 ug/ml
18) T n-Dotriacontane (C32)	18.663	1752240	17.769 ug/ml
19) T n-Tetratriacontane (C34)	19.444	1678925	18.304 ug/ml
20) T n-Hexatriacontane (C36)	20.178	1620193	18.682 ug/ml
21) T n-Octatriacontane (C38)	20.932	1586600	19.664 ug/ml
22) T n-Tetracontane (C40)	21.877	1601089	19.688 ug/ml

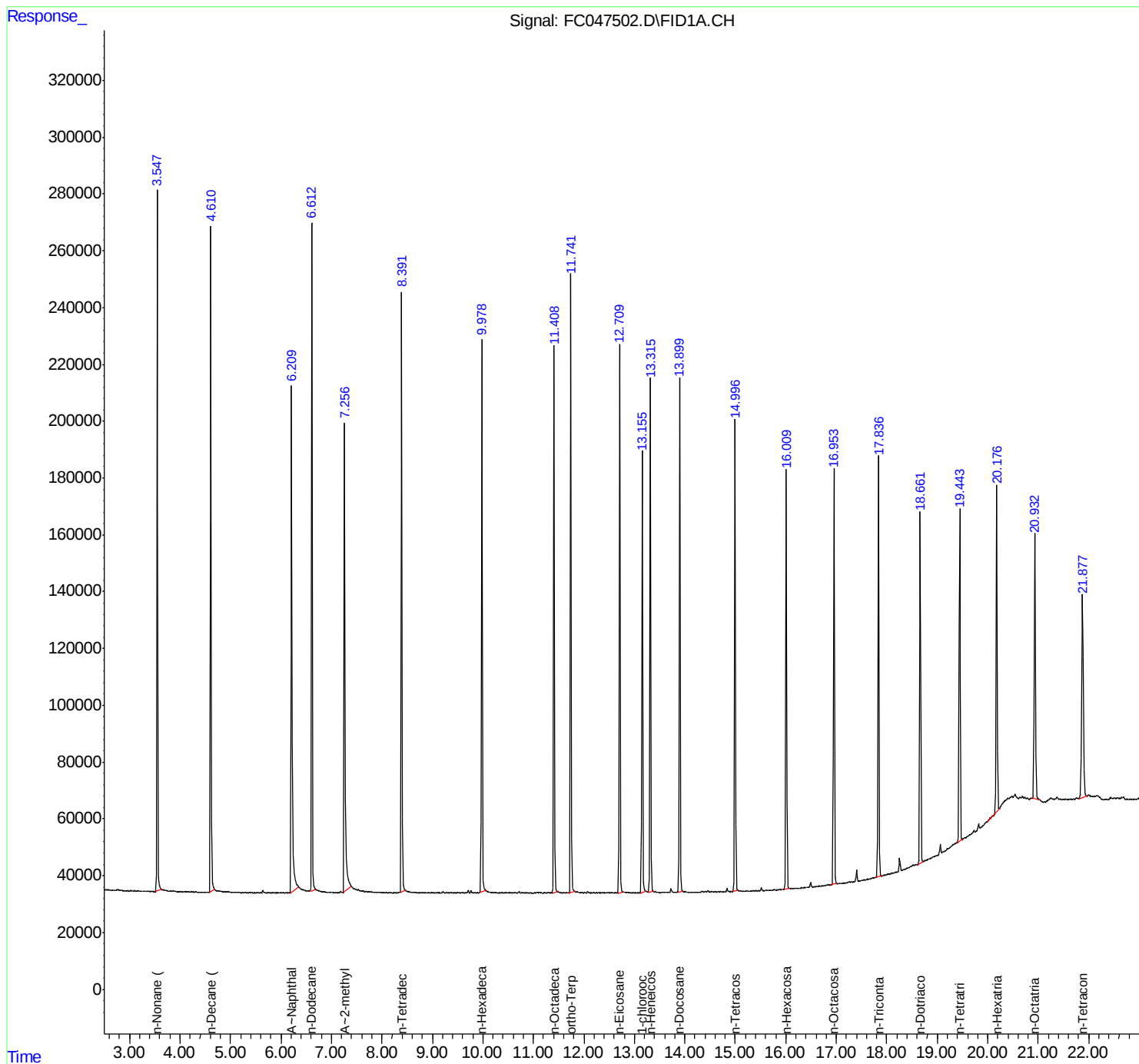
(f)=RT Delta > 1/2 Window

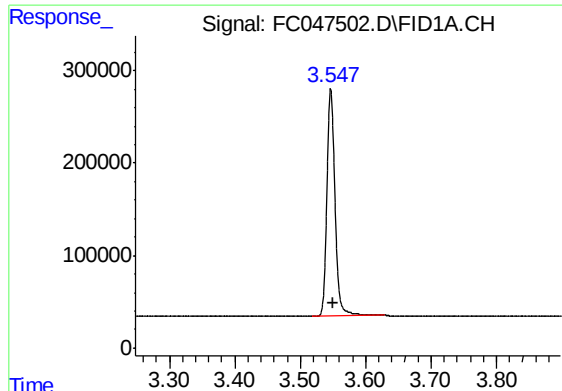
(m)=manual int.

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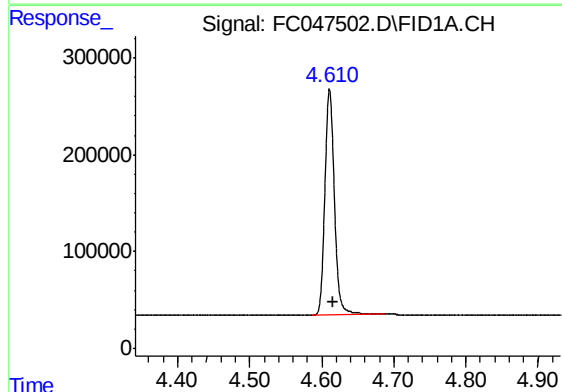
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





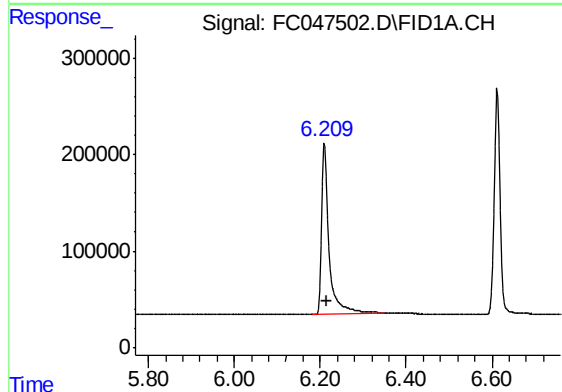
#1 n-Nonane (C9)

R.T.: 3.547 min
Delta R.T.: -0.003 min
Response: 2124265
Conc: 20.95 ug/ml



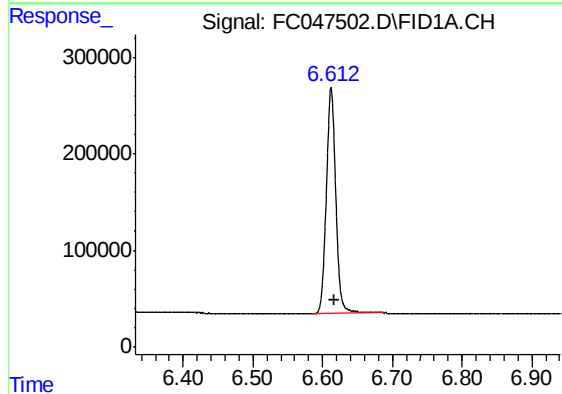
#2 n-Decane (C10)

R.T.: 4.611 min
Delta R.T.: -0.004 min
Response: 2150702
Conc: 21.05 ug/ml



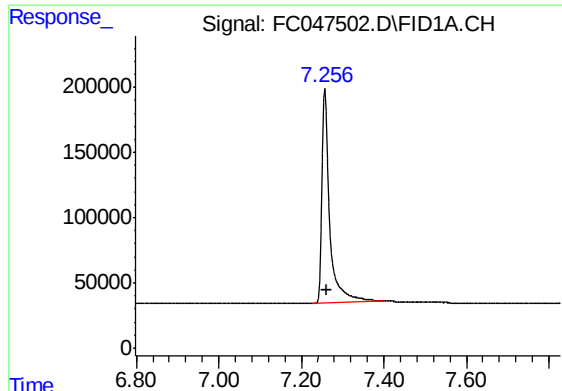
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.005 min
Response: 2160102
Conc: 20.74 ug/ml



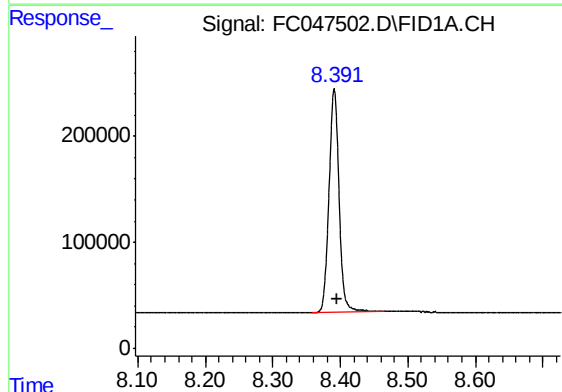
#4 n-Dodecane (C12)

R.T.: 6.612 min
Delta R.T.: -0.004 min
Response: 2198248
Conc: 20.81 ug/ml



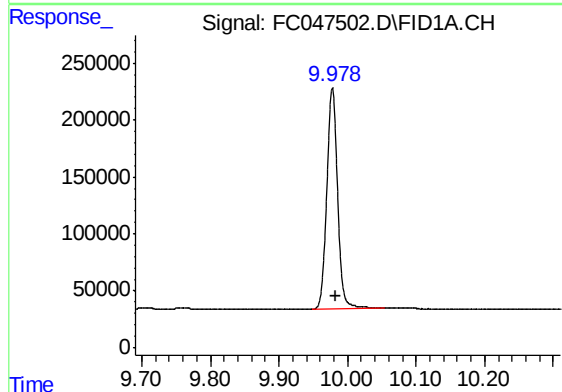
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.257 min
Delta R.T.: -0.006 min
Response: 2163153
Conc: 20.60 ug/ml



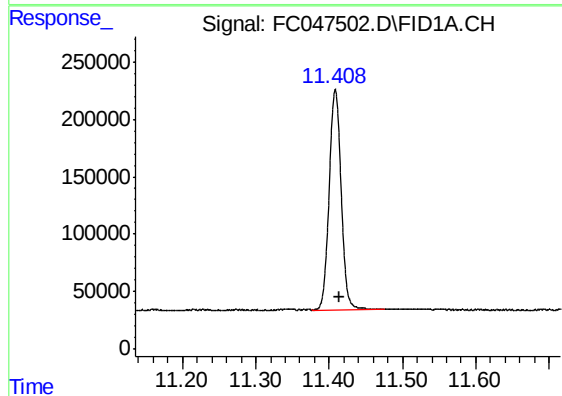
#6 n-Tetradecane (C14)

R.T.: 8.391 min
Delta R.T.: -0.004 min
Response: 2167769
Conc: 20.49 ug/ml



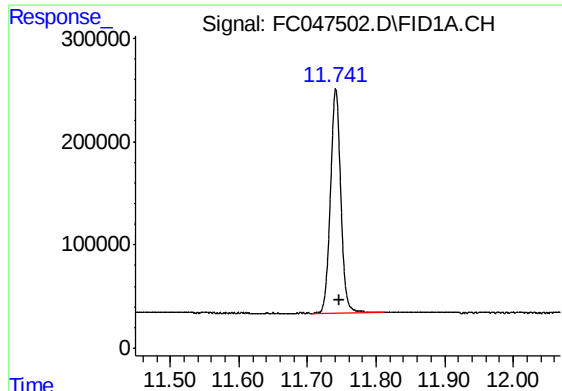
#7 n-Hexadecane (C16)

R.T.: 9.978 min
Delta R.T.: -0.006 min
Response: 2114199
Conc: 19.98 ug/ml



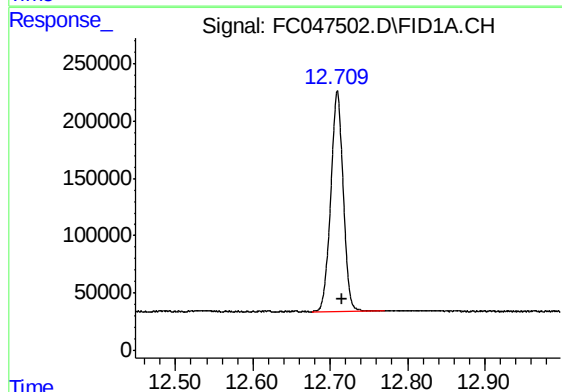
#8 n-Octadecane (C18)

R.T.: 11.409 min
Delta R.T.: -0.007 min
Response: 2178111
Conc: 19.45 ug/ml



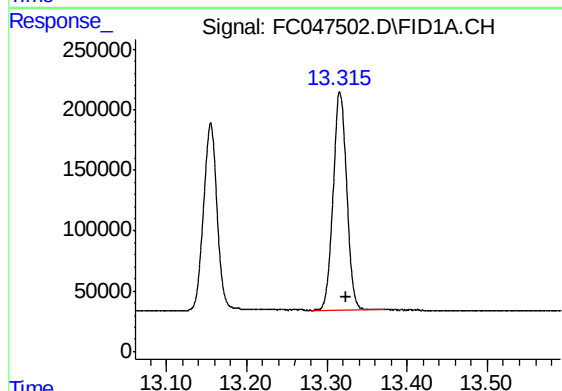
#9 ortho-Terphenyl (SURR)

R.T.: 11.741 min
Delta R.T.: -0.006 min
Response: 2264391
Conc: 18.94 ug/ml



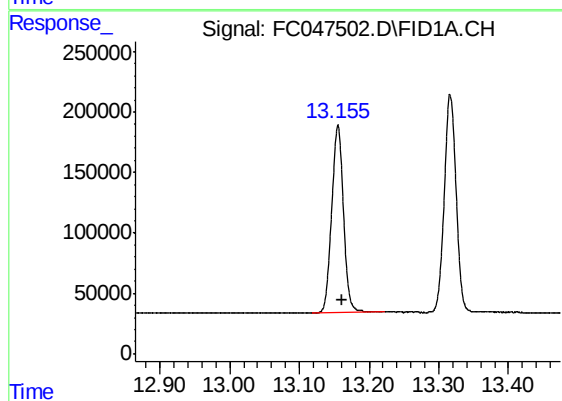
#10 n-Eicosane (C20)

R.T.: 12.709 min
Delta R.T.: -0.006 min
Response: 2152442
Conc: 18.92 ug/ml



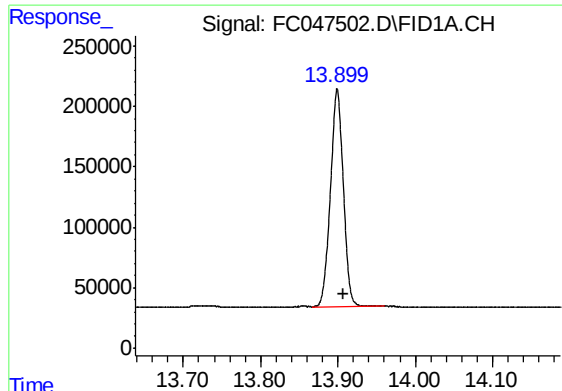
#11 n-Heneicosane (C21)

R.T.: 13.316 min
Delta R.T.: -0.007 min
Response: 2120511
Conc: 18.65 ug/ml



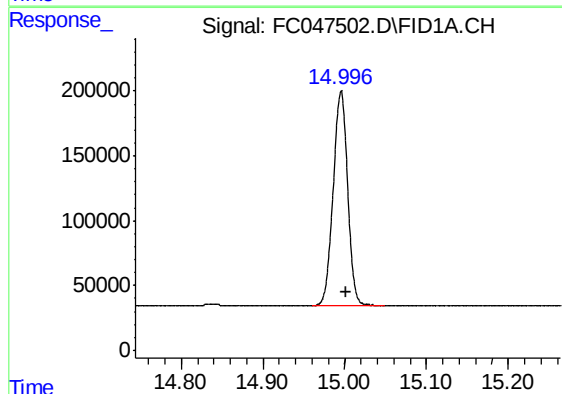
#12 1-chlorooctadecane (SURR)

R.T.: 13.155 min
Delta R.T.: -0.006 min
Response: 1817163
Conc: 18.53 ug/ml



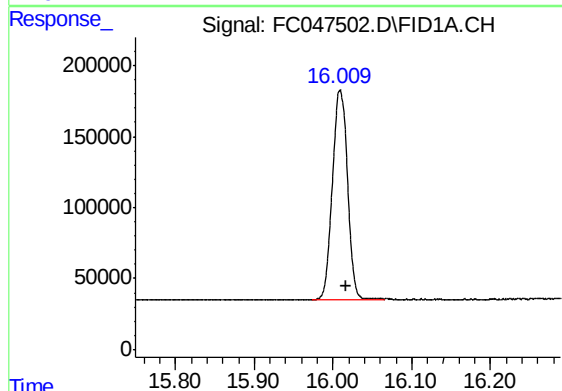
#13 n-Docosane (C22)

R.T.: 13.899 min
Delta R.T.: -0.007 min
Response: 2088607
Conc: 18.38 ug/ml



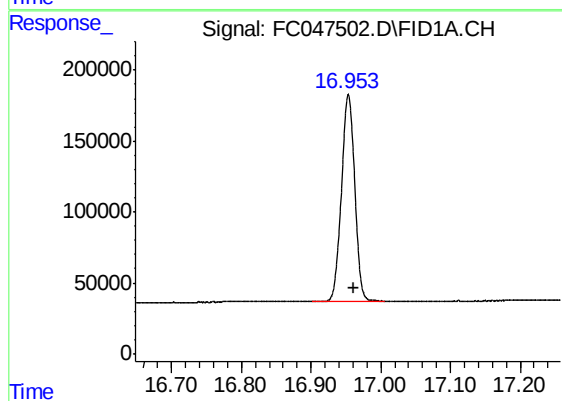
#14 n-Tetracosane (C24)

R.T.: 14.996 min
Delta R.T.: -0.007 min
Response: 2028061
Conc: 17.92 ug/ml



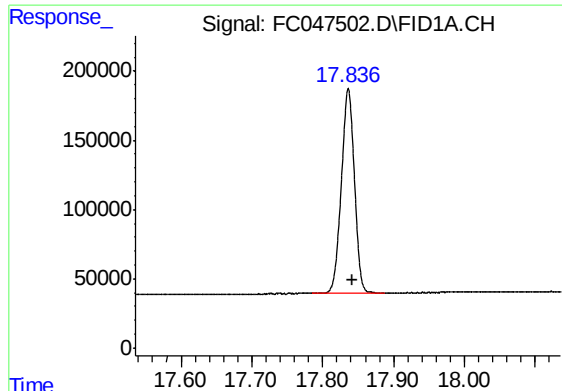
#15 n-Hexacosane (C26)

R.T.: 16.009 min
Delta R.T.: -0.007 min
Response: 1960903
Conc: 17.51 ug/ml



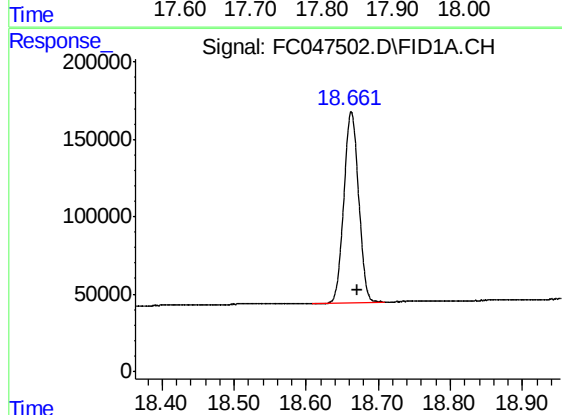
#16 n-Octacosane (C28)

R.T.: 16.954 min
Delta R.T.: -0.007 min
Response: 1931125
Conc: 17.31 ug/ml



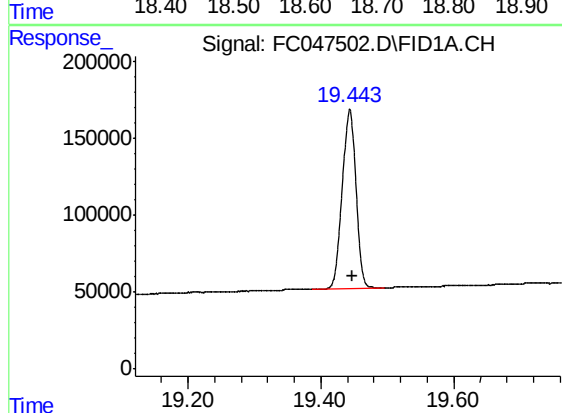
#17 n-Tricontane (C30)

R.T.: 17.836 min
Delta R.T.: -0.006 min
Response: 1886776
Conc: 17.45 ug/ml



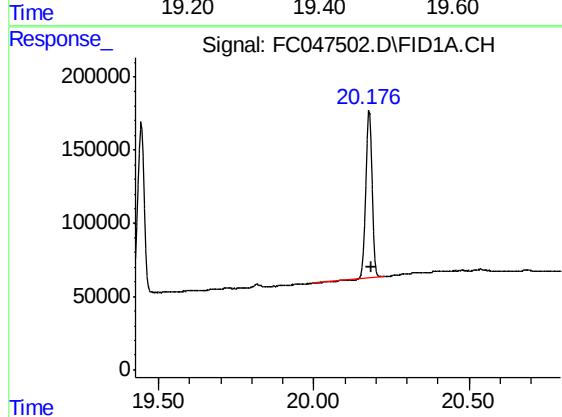
#18 n-Dotriacontane (C32)

R.T.: 18.663 min
Delta R.T.: -0.009 min
Response: 1752240
Conc: 17.77 ug/ml



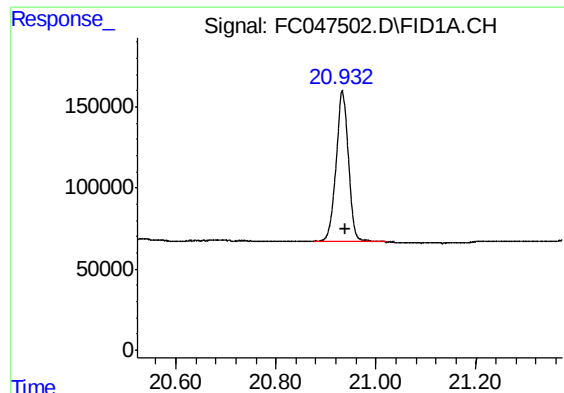
#19 n-Tetatriacontane (C34)

R.T.: 19.444 min
Delta R.T.: -0.005 min
Response: 1678925
Conc: 18.30 ug/ml



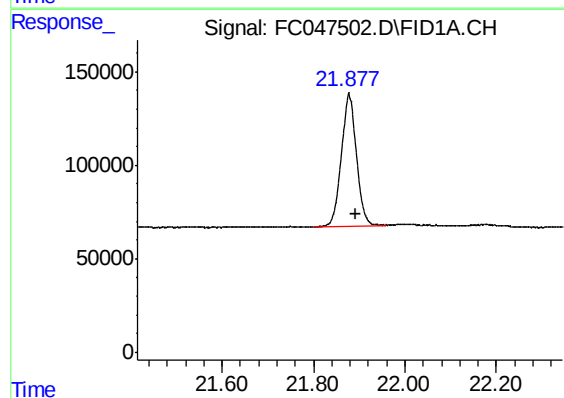
#20 n-Hexatriacontane (C36)

R.T.: 20.178 min
Delta R.T.: -0.006 min
Response: 1620193
Conc: 18.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.932 min
Delta R.T.: -0.007 min
Response: 1586600
Conc: 19.66 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.877 min
Delta R.T.: -0.015 min
Response: 1601089
Conc: 19.69 ug/ml