

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040119AL\
 Data File : FC040233.D
 Signal(s) : FID1A.CH
 Acq On : 01 Apr 2019 12:08
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 02 02:37:11 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	2413570	18.742 ug/ml
Spiked Amount 50.000		Recovery =	37.48%
12) S 1-chlorooctadecane (S...	12.455	1828471	18.511 ug/ml
Spiked Amount 50.000		Recovery =	37.02%
Target Compounds			
1) T n-Nonane (C9)	2.854	1549726	18.777 ug/ml
2) T n-Decane (C10)	3.876	1623528	19.183 ug/ml
3) T A-Naphthalene (C11.7)	5.451	1961097	20.100 ug/ml
4) T n-Dodecane (C12)	5.872	1715571	19.861 ug/ml
5) T A~2-methylnaphthalene...	6.501	2013828	20.267 ug/ml
6) T n-Tetradecane (C14)	7.664	1809959	19.859 ug/ml
7) T n-Hexadecane (C16)	9.262	1862255	19.375 ug/ml
8) T n-Octadecane (C18)	10.702	1868397	18.626 ug/ml
10) T n-Eicosane (C20)	12.010	1863488	18.311 ug/ml
11) T n-Heneicosane (C21)	12.622	1841659	18.263 ug/ml
13) T n-Docosane (C22)	13.207	1831081	18.216 ug/ml
14) T n-Tetracosane (C24)	14.309	1814567	18.225 ug/ml
15) T n-Hexacosane (C26)	15.329	1801877	18.405 ug/ml
16) T n-Octacosane (C28)	16.278	1799189	18.341 ug/ml
17) T n-Tricontane (C30)	17.165	1763107	18.018 ug/ml
18) T n-Dotriacontane (C32)	17.997	1690674	17.469 ug/ml
19) T n-Tetratriacontane (C34)	18.814	1497107	17.859 ug/ml
20) T n-Hexatriacontane (C36)	19.839	1336456	18.151 ug/ml
21) T n-Octatriacontane (C38)	21.229	1245699	18.028 ug/ml
22) T n-Tetracontane (C40)	23.162f	1246820	18.393 ug/mlm

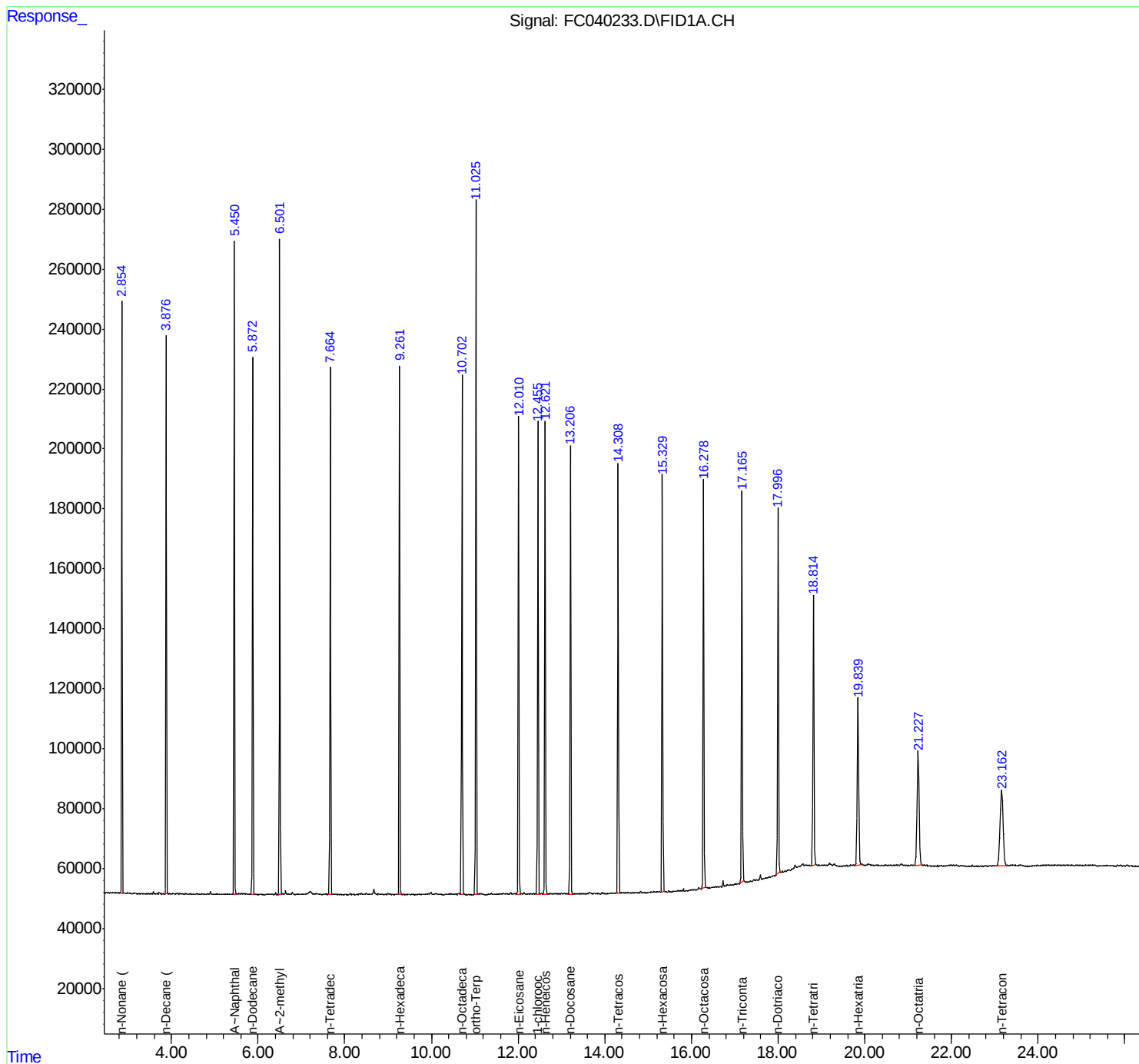
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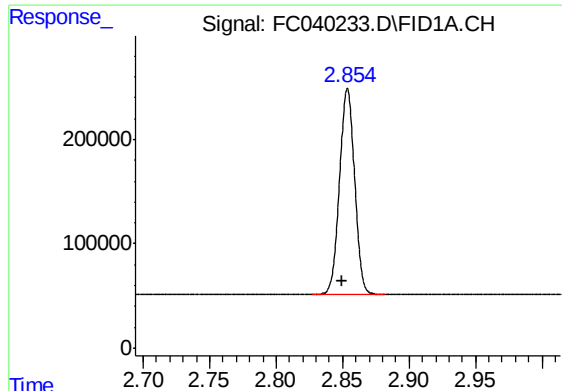
(m)=manual int.

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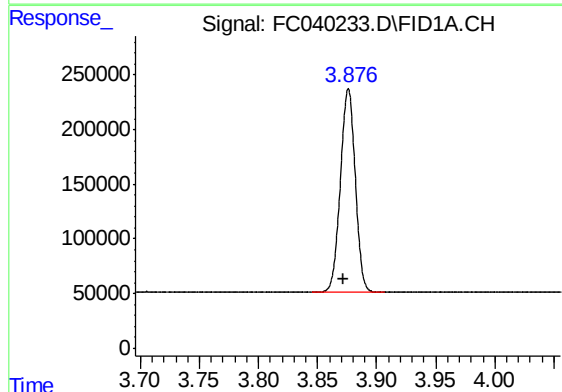
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Signal Info : 20M x 0.18mm x 0.18um





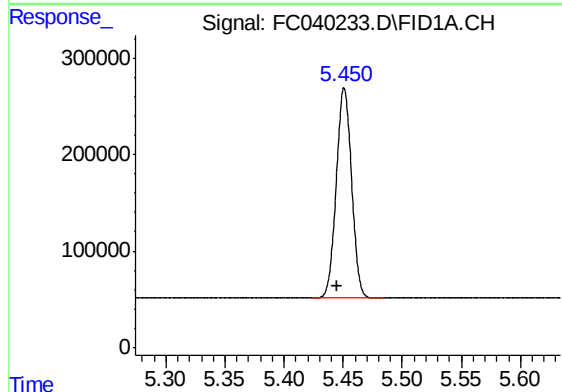
#1 n-Nonane (C9)

R.T.: 2.854 min
Delta R.T.: 0.004 min
Response: 1549726
Conc: 18.78 ug/ml



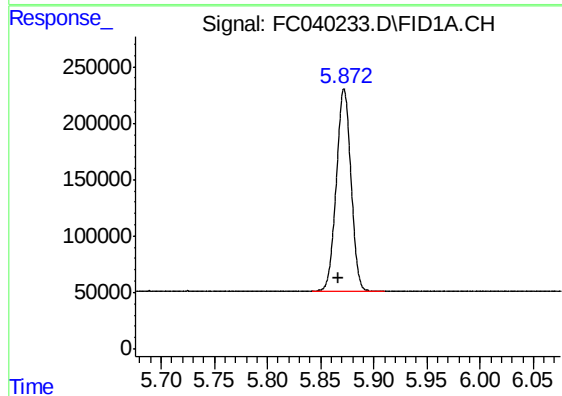
#2 n-Decane (C10)

R.T.: 3.876 min
Delta R.T.: 0.004 min
Response: 1623528
Conc: 19.18 ug/ml



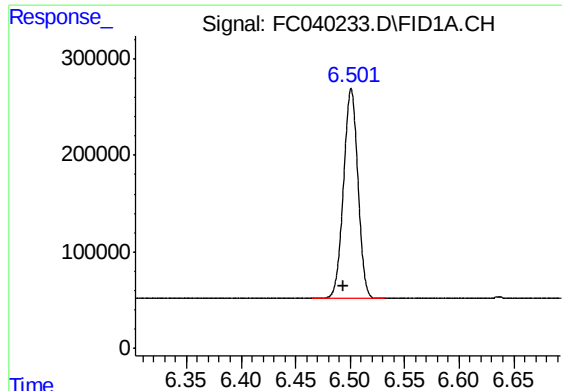
#3 A~Naphthalene (C11.7)

R.T.: 5.451 min
Delta R.T.: 0.006 min
Response: 1961097
Conc: 20.10 ug/ml



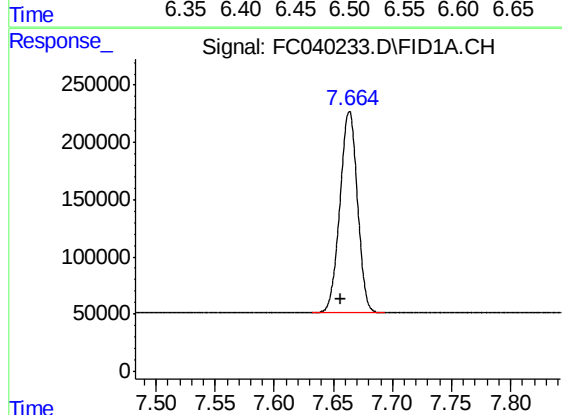
#4 n-Dodecane (C12)

R.T.: 5.872 min
Delta R.T.: 0.006 min
Response: 1715571
Conc: 19.86 ug/ml



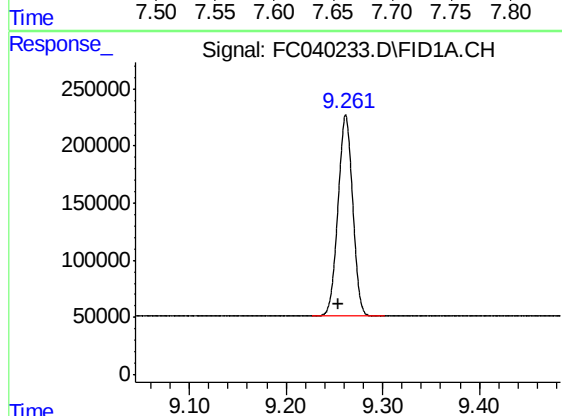
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.501 min
Delta R.T.: 0.008 min
Response: 2013828
Conc: 20.27 ug/ml



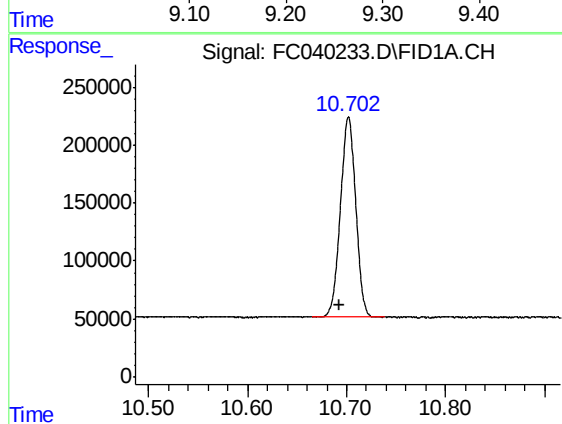
#6 n-Tetradecane (C14)

R.T.: 7.664 min
Delta R.T.: 0.008 min
Response: 1809959
Conc: 19.86 ug/ml



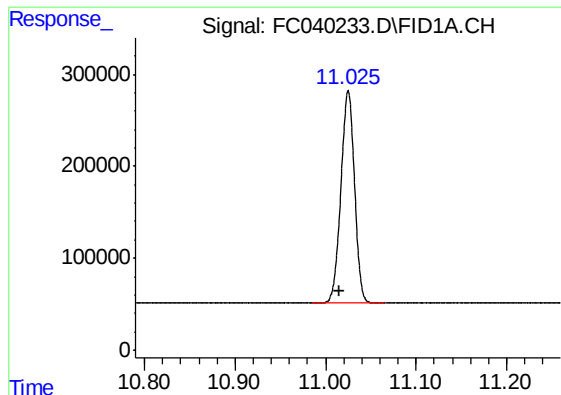
#7 n-Hexadecane (C16)

R.T.: 9.262 min
Delta R.T.: 0.008 min
Response: 1862255
Conc: 19.38 ug/ml



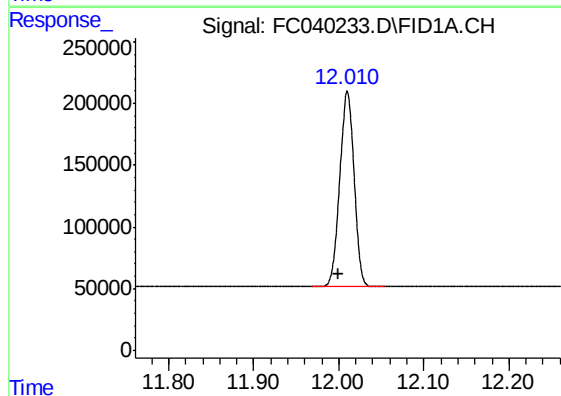
#8 n-Octadecane (C18)

R.T.: 10.702 min
Delta R.T.: 0.009 min
Response: 1868397
Conc: 18.63 ug/ml



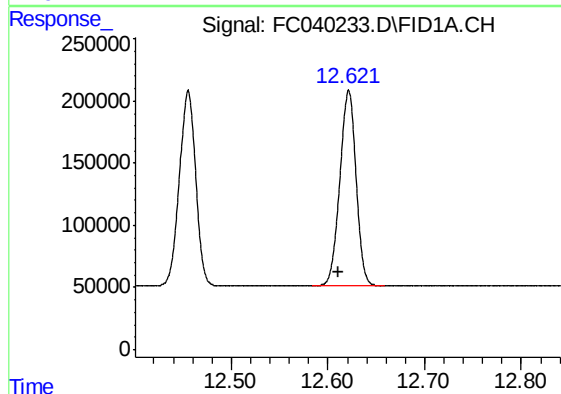
#9 ortho-Terphenyl (SURR)

R.T.: 11.025 min
Delta R.T.: 0.010 min
Response: 2413570
Conc: 18.74 ug/ml



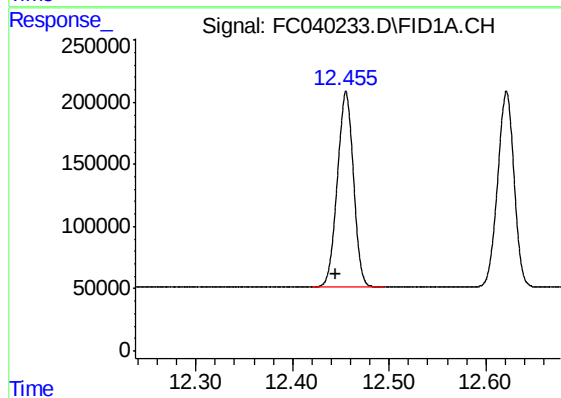
#10 n-Eicosane (C20)

R.T.: 12.010 min
Delta R.T.: 0.010 min
Response: 1863488
Conc: 18.31 ug/ml



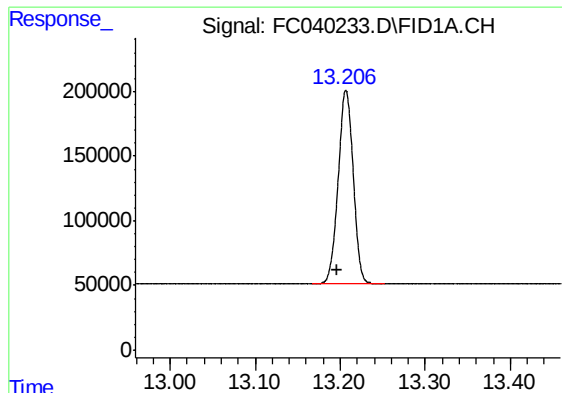
#11 n-Heneicosane (C21)

R.T.: 12.622 min
Delta R.T.: 0.011 min
Response: 1841659
Conc: 18.26 ug/ml



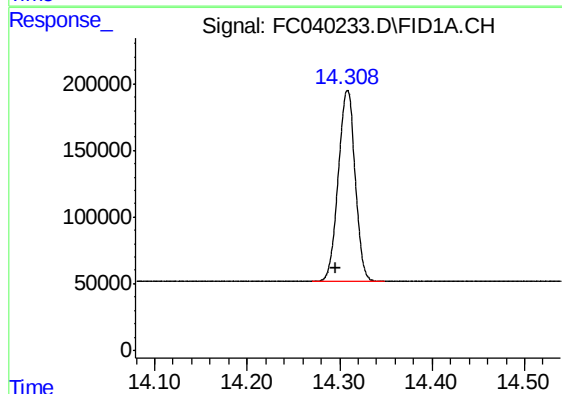
#12 1-chlorooctadecane (SURR)

R.T.: 12.455 min
Delta R.T.: 0.011 min
Response: 1828471
Conc: 18.51 ug/ml



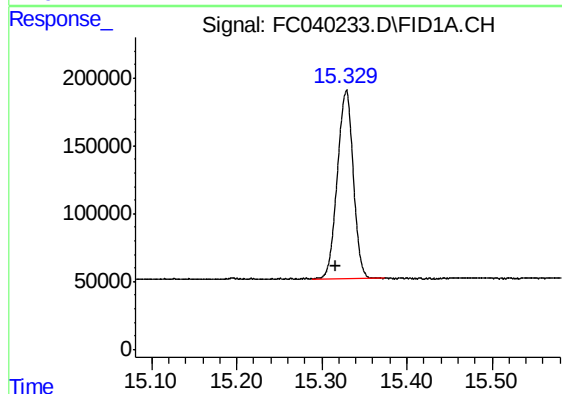
#13 n-Docosane (C22)

R.T.: 13.207 min
Delta R.T.: 0.011 min
Response: 1831081
Conc: 18.22 ug/ml



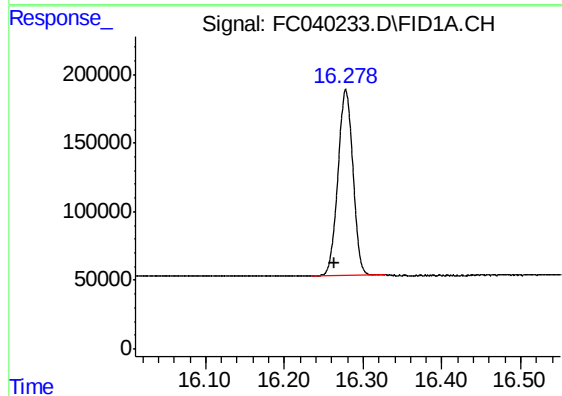
#14 n-Tetracosane (C24)

R.T.: 14.309 min
Delta R.T.: 0.012 min
Response: 1814567
Conc: 18.23 ug/ml



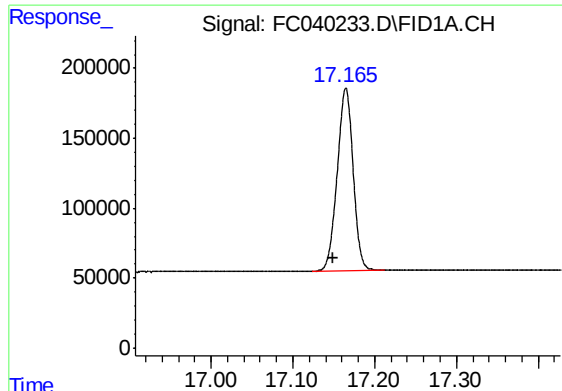
#15 n-Hexacosane (C26)

R.T.: 15.329 min
Delta R.T.: 0.013 min
Response: 1801877
Conc: 18.40 ug/ml



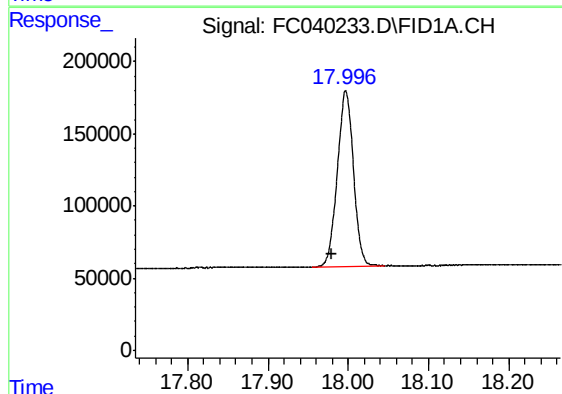
#16 n-Octacosane (C28)

R.T.: 16.278 min
Delta R.T.: 0.014 min
Response: 1799189
Conc: 18.34 ug/ml



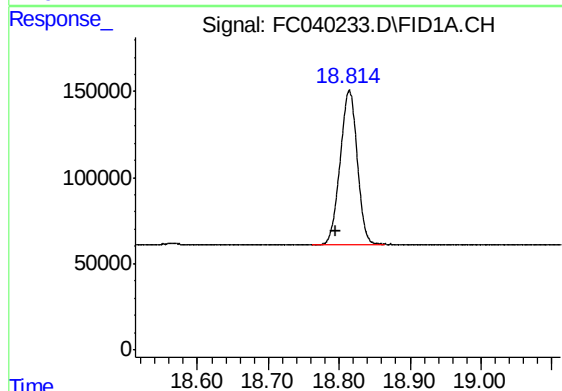
#17 n-Tricontane (C30)

R.T.: 17.165 min
Delta R.T.: 0.015 min
Response: 1763107
Conc: 18.02 ug/ml



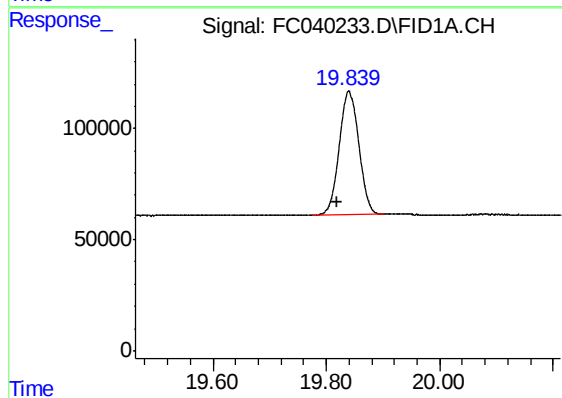
#18 n-Dotriacontane (C32)

R.T.: 17.997 min
Delta R.T.: 0.017 min
Response: 1690674
Conc: 17.47 ug/ml



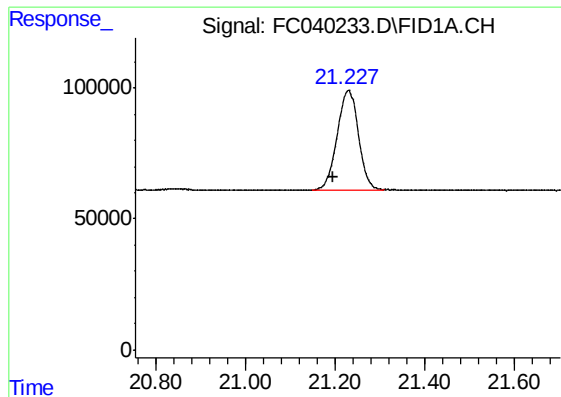
#19 n-Tetratriacontane (C34)

R.T.: 18.814 min
Delta R.T.: 0.019 min
Response: 1497107
Conc: 17.86 ug/ml



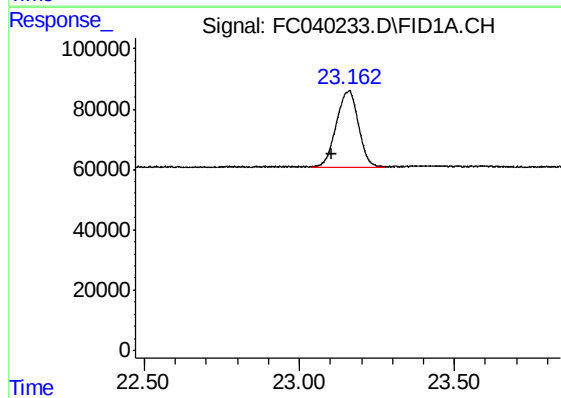
#20 n-Hexatriacontane (C36)

R.T.: 19.839 min
Delta R.T.: 0.021 min
Response: 1336456
Conc: 18.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.229 min
Delta R.T.: 0.032 min
Response: 1245699
Conc: 18.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.162 min
Delta R.T.: 0.056 min
Response: 1246820
Conc: 18.39 ug/ml m