

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083118AL\
 Data File : FC036155.D
 Signal(s) : FID1A.CH
 Acq On : 31 Aug 2018 18:07
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 01 01:29:31 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID_C\Method\Alaphatic EPH 082118.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 21 16:09:01 2018
 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)	11.411	2356135	21.131 ug/ml
Spiked Amount 50.000		Recovery =	42.26%
12) S 1-chlorooctadecane (S...	12.851	1646058	20.170 ug/ml
Spiked Amount 50.000		Recovery =	40.34%
Target Compounds			
1) T n-Nonane (C9)	3.213	1745785	19.436 ug/ml
2) T n-Decane (C10)	4.280	1786473	19.848 ug/ml
3) T A-Naphthalene (C11.7)	5.853	2190572	21.766 ug/ml
4) T n-Dodecane (C12)	6.293	1837188	19.810 ug/ml
5) T A-2-methylnaphthalene...	6.904	2215661	22.005 ug/ml
6) T n-Tetradecane (C14)	8.079	1864459	19.642 ug/ml
7) T n-Hexadecane (C16)	9.671	1869390	19.638 ug/ml
8) T n-Octadecane (C18)	11.106	1892504	19.265 ug/ml
10) T n-Eicosane (C20)	12.410	1892130	19.580 ug/ml
11) T n-Heneicosane (C21)	13.019	1870422	19.871 ug/ml
13) T n-Docosane (C22)	13.604	1861330	19.987 ug/ml
14) T n-Tetracosane (C24)	14.703	1854408	20.279 ug/ml
15) T n-Hexacosane (C26)	15.720	1830202	20.404 ug/ml
16) T n-Octacosane (C28)	16.665	1813307	19.927 ug/ml
17) T n-Tricontane (C30)	17.549	1778790	18.486 ug/ml
18) T n-Dotriacontane (C32)	18.378	1769882	18.744 ug/ml
19) T n-Tetratriacontane (C34)	19.159	1705488	19.259 ug/ml
20) T n-Hexatriacontane (C36)	19.896	1569666	18.528 ug/ml
21) T n-Octatriacontane (C38)	20.604	1530554	18.354 ug/ml
22) T n-Tetracontane (C40)	21.451	1310190	15.603 ug/ml

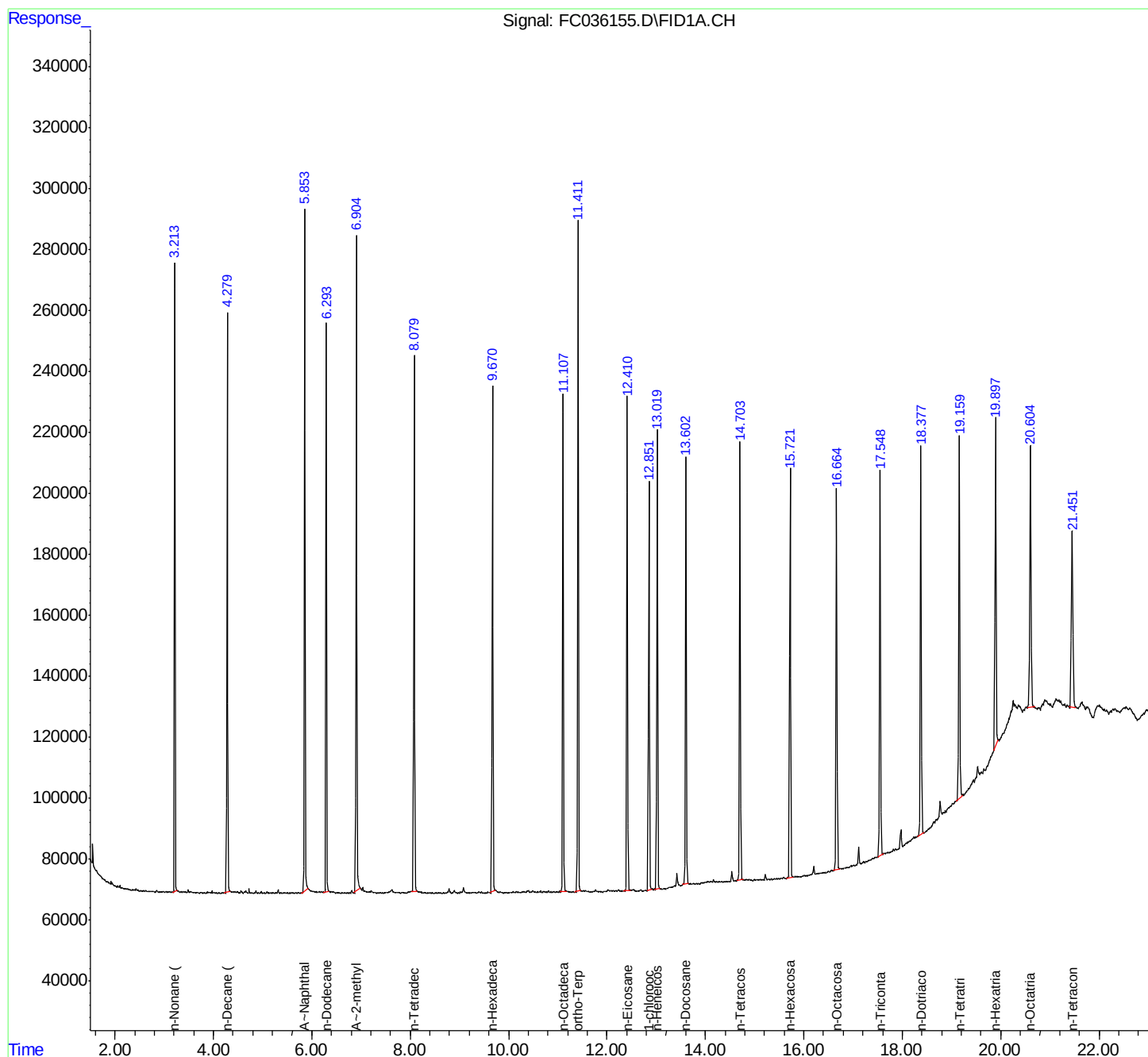
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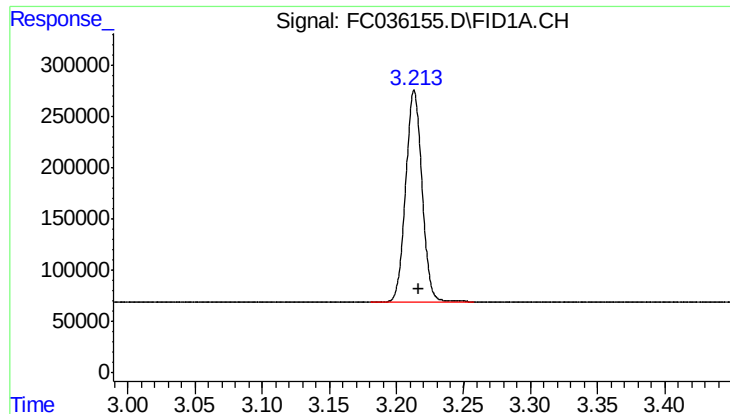
(m)=manual int.

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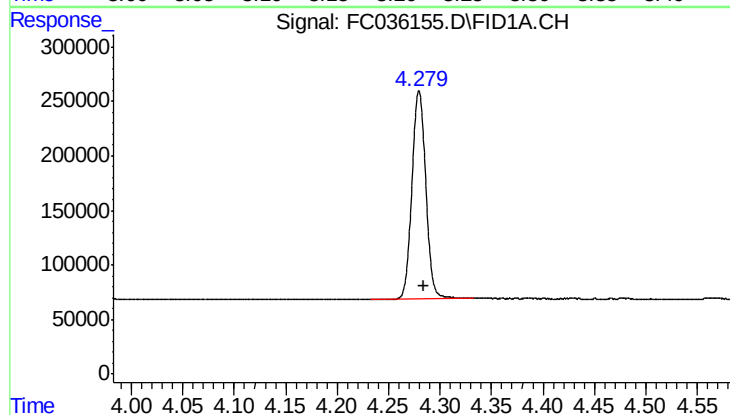
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





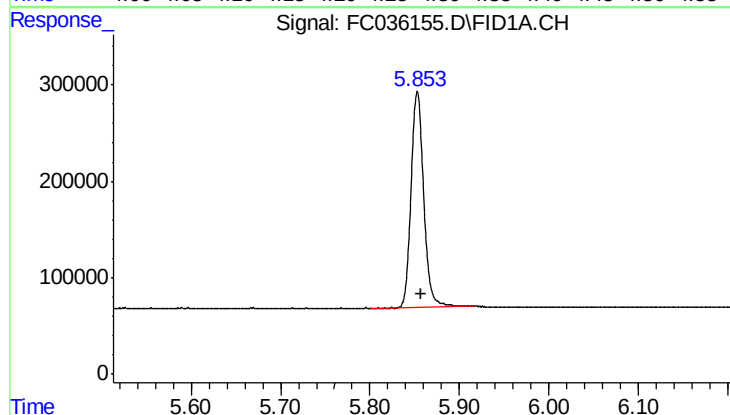
#1 n-Nonane (C9)

R.T.: 3.213 min
Delta R.T.: -0.004 min
Response: 1745785
Conc: 19.44 ug/ml



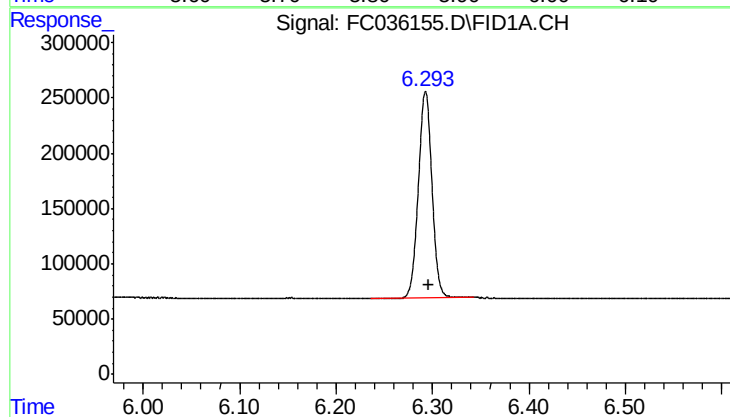
#2 n-Decane (C10)

R.T.: 4.280 min
Delta R.T.: -0.004 min
Response: 1786473
Conc: 19.85 ug/ml



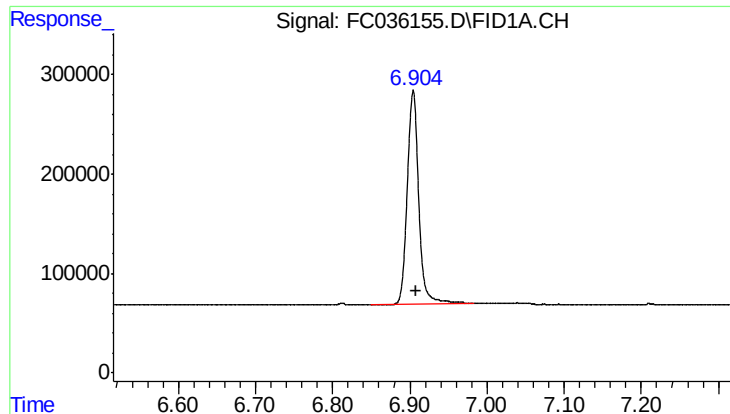
#3 A~Naphthalene (C11.7)

R.T.: 5.853 min
Delta R.T.: -0.005 min
Response: 2190572
Conc: 21.77 ug/ml



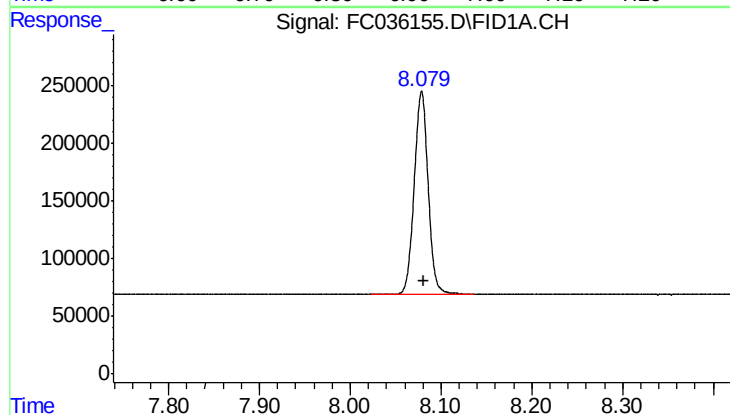
#4 n-Dodecane (C12)

R.T.: 6.293 min
Delta R.T.: -0.003 min
Response: 1837188
Conc: 19.81 ug/ml



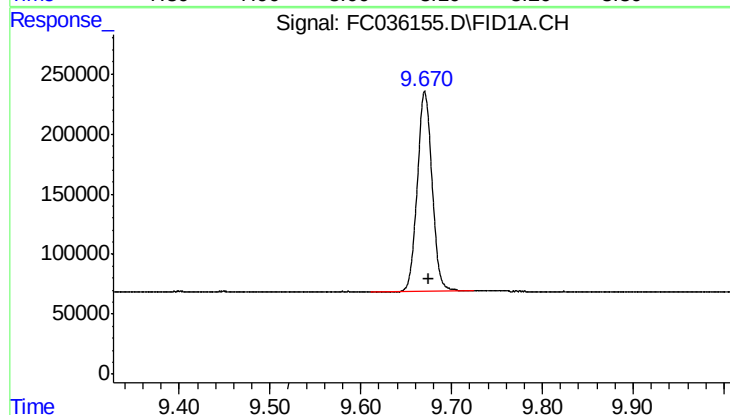
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.904 min
Delta R.T.: -0.004 min
Response: 2215661
Conc: 22.00 ug/ml



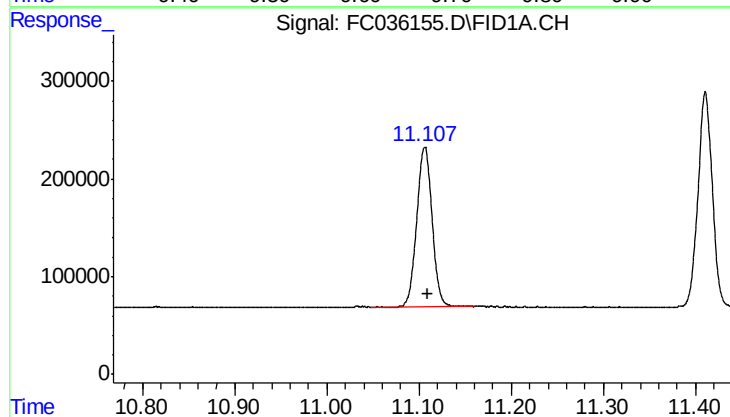
#6 n-Tetradecane (C14)

R.T.: 8.079 min
Delta R.T.: -0.003 min
Response: 1864459
Conc: 19.64 ug/ml



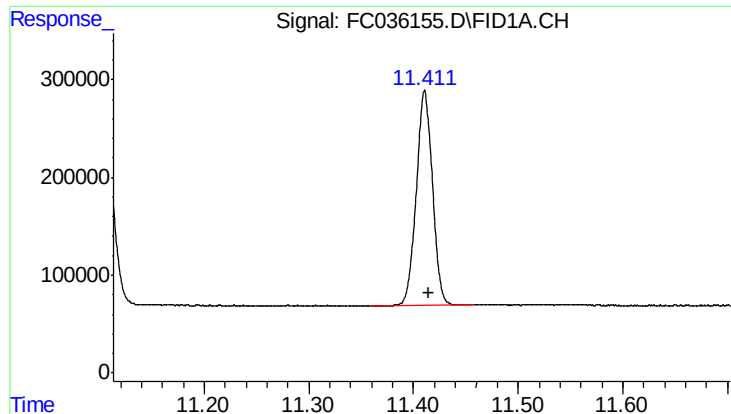
#7 n-Hexadecane (C16)

R.T.: 9.671 min
Delta R.T.: -0.004 min
Response: 1869390
Conc: 19.64 ug/ml



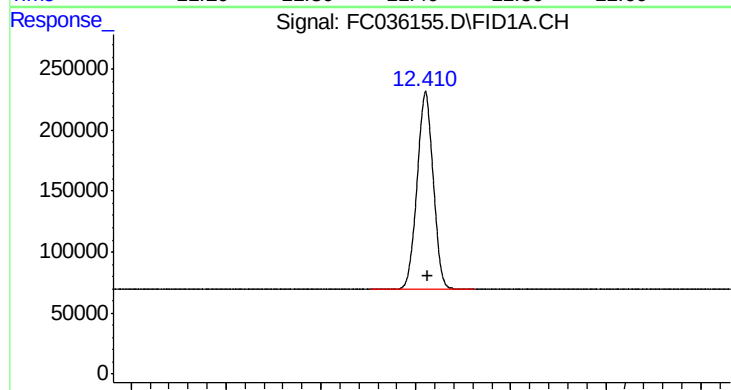
#8 n-Octadecane (C18)

R.T.: 11.106 min
Delta R.T.: -0.003 min
Response: 1892504
Conc: 19.26 ug/ml



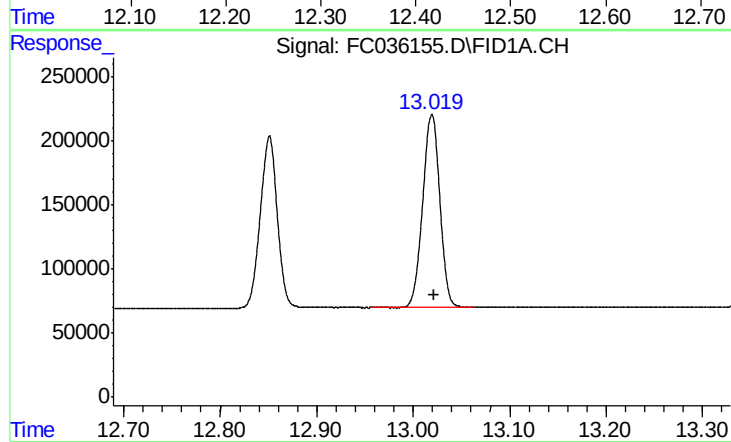
#9 ortho-Terphenyl (SURR)

R.T.: 11.411 min
Delta R.T.: -0.003 min
Response: 2356135
Conc: 21.13 ug/ml



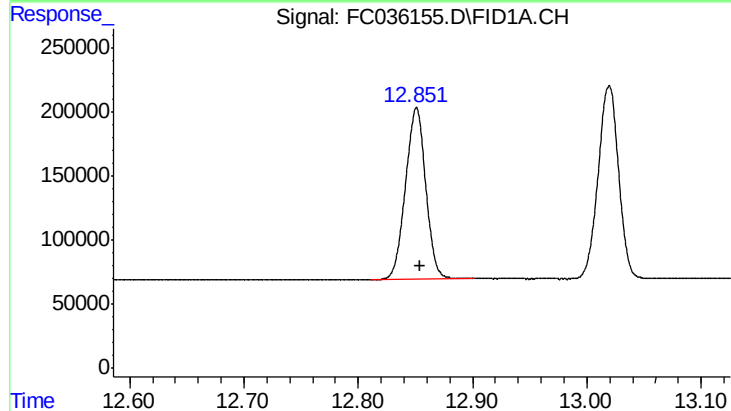
#10 n-Eicosane (C20)

R.T.: 12.410 min
Delta R.T.: -0.002 min
Response: 1892130
Conc: 19.58 ug/ml



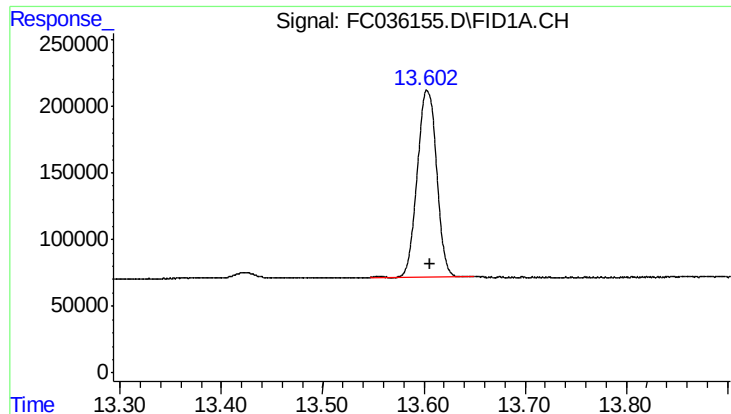
#11 n-Heneicosane (C21)

R.T.: 13.019 min
Delta R.T.: -0.002 min
Response: 1870422
Conc: 19.87 ug/ml



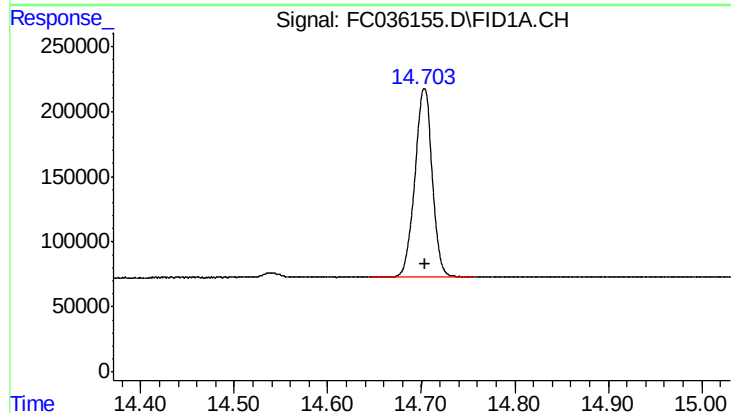
#12 1-chlorooctadecane (SURR)

R.T.: 12.851 min
Delta R.T.: -0.003 min
Response: 1646058
Conc: 20.17 ug/ml



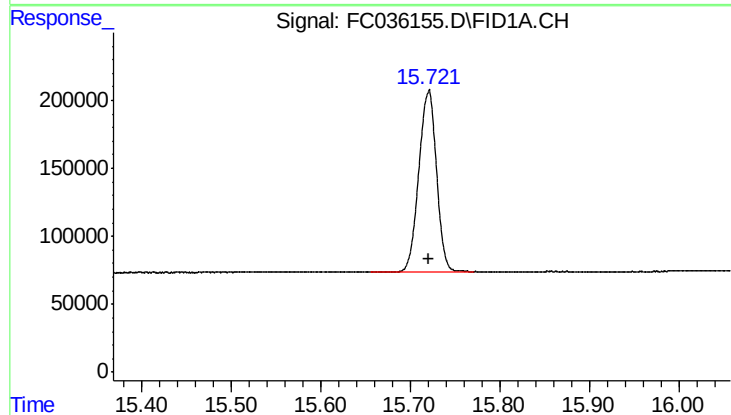
#13 n-Docosane (C22)

R.T.: 13.604 min
Delta R.T.: -0.003 min
Response: 1861330
Conc: 19.99 ug/ml



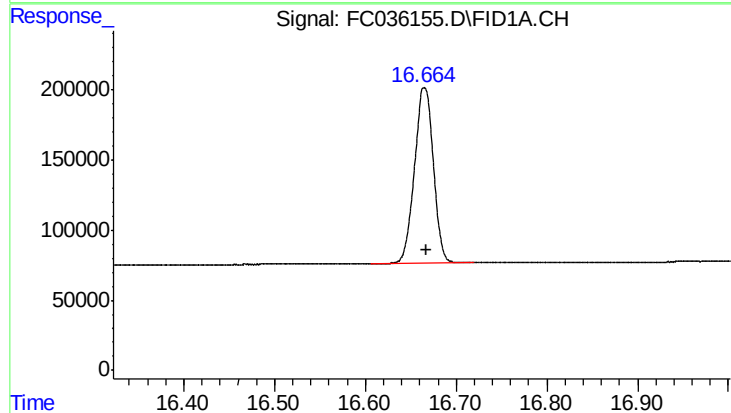
#14 n-Tetracosane (C24)

R.T.: 14.703 min
Delta R.T.: 0.000 min
Response: 1854408
Conc: 20.28 ug/ml



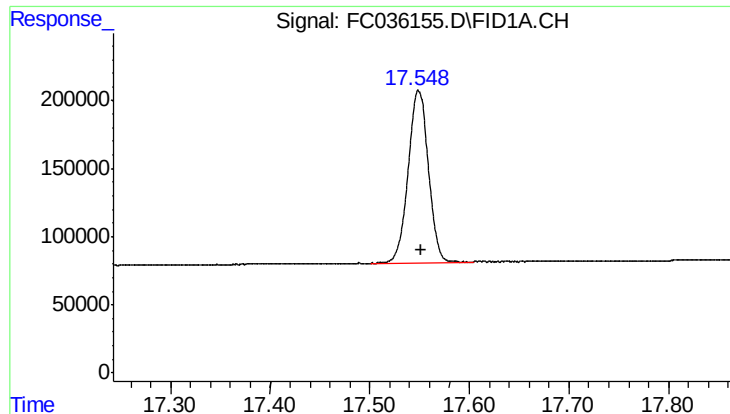
#15 n-Hexacosane (C26)

R.T.: 15.720 min
Delta R.T.: -0.001 min
Response: 1830202
Conc: 20.40 ug/ml



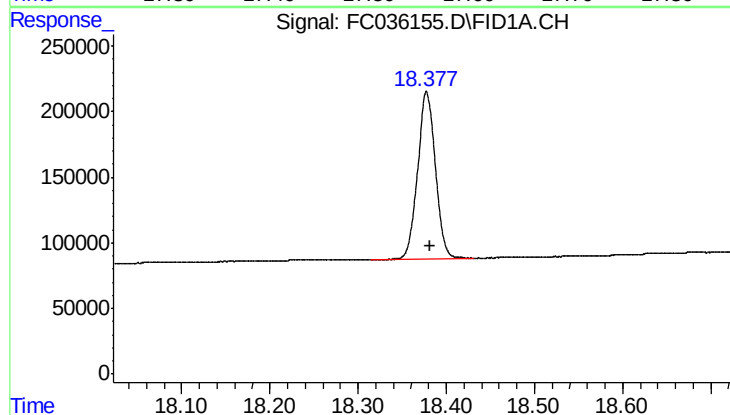
#16 n-Octacosane (C28)

R.T.: 16.665 min
Delta R.T.: -0.002 min
Response: 1813307
Conc: 19.93 ug/ml



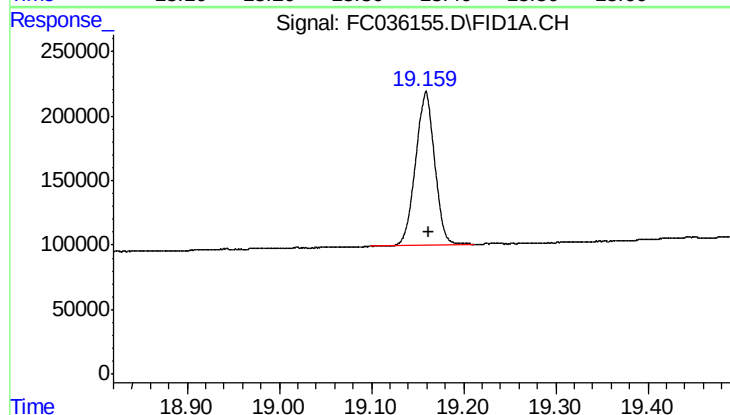
#17 n-Tricontane (C30)

R.T.: 17.549 min
Delta R.T.: -0.003 min
Response: 1778790
Conc: 18.49 ug/ml



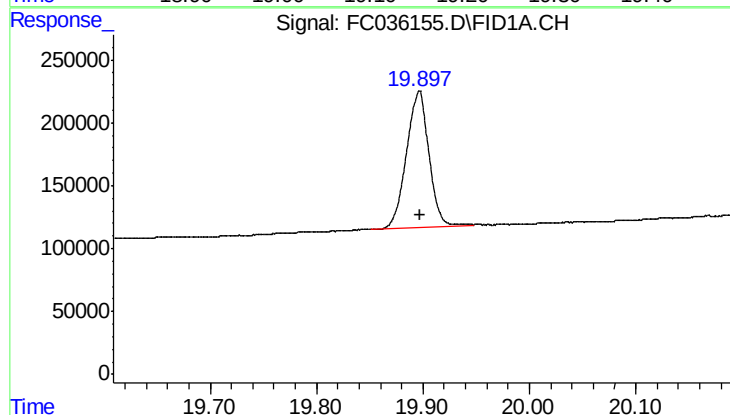
#18 n-Dotriacontane (C32)

R.T.: 18.378 min
Delta R.T.: -0.004 min
Response: 1769882
Conc: 18.74 ug/ml



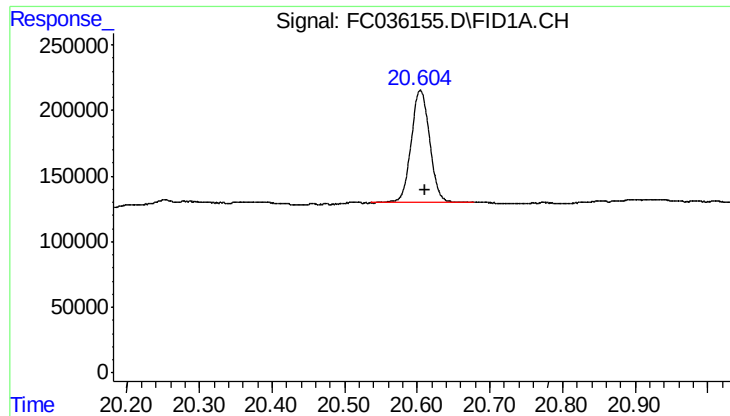
#19 n-Tetratriacontane (C34)

R.T.: 19.159 min
Delta R.T.: -0.003 min
Response: 1705488
Conc: 19.26 ug/ml



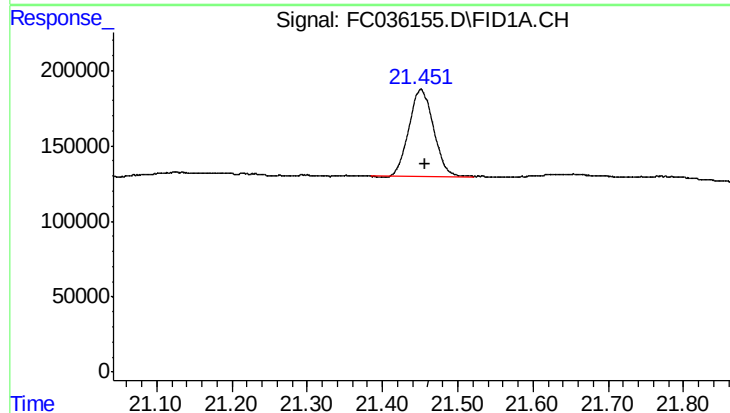
#20 n-Hexatriacontane (C36)

R.T.: 19.896 min
Delta R.T.: -0.002 min
Response: 1569666
Conc: 18.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.604 min
Delta R.T.: -0.006 min
Response: 1530554
Conc: 18.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.451 min
Delta R.T.: -0.006 min
Response: 1310190
Conc: 15.60 ug/ml