

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082818AL\
 Data File : FC036101.D
 Signal(s) : FID1A.CH
 Acq On : 28 Aug 2018 9:31
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 28 09:57:58 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)	11.414	2589260	23.221 ug/ml
Spiked Amount 50.000		Recovery =	46.44%
12) S 1-chlorooctadecane (S...	12.854	1796701	22.016 ug/ml
Spiked Amount 50.000		Recovery =	44.03%
Target Compounds			
1) T n-Nonane (C9)	3.214	2000102	22.267 ug/ml
2) T n-Decane (C10)	4.281	2034732	22.606 ug/ml
3) T A-Naphthalene (C11.7)	5.854	2468675	24.529 ug/ml
4) T n-Dodecane (C12)	6.294	2070373	22.324 ug/ml
5) T A-2-methylnaphthalene...	6.906	2479509	24.625 ug/ml
6) T n-Tetradecane (C14)	8.080	2079144	21.903 ug/ml
7) T n-Hexadecane (C16)	9.674	2045470	21.488 ug/ml
8) T n-Octadecane (C18)	11.109	2061689	20.987 ug/ml
10) T n-Eicosane (C20)	12.413	2061824	21.336 ug/ml
11) T n-Heneicosane (C21)	13.023	2035650	21.626 ug/ml
13) T n-Docosane (C22)	13.607	2028440	21.781 ug/ml
14) T n-Tetracosane (C24)	14.706	2005675	21.933 ug/ml
15) T n-Hexacosane (C26)	15.724	1968711	21.948 ug/ml
16) T n-Octacosane (C28)	16.671	1937845	21.296 ug/ml
17) T n-Tricontane (C30)	17.554	1891959	19.662 ug/ml
18) T n-Dotriacontane (C32)	18.383	1878404	19.893 ug/ml
19) T n-Tetratriacontane (C34)	19.165	1821395	20.568 ug/ml
20) T n-Hexatriacontane (C36)	19.902	1724002	20.350 ug/ml
21) T n-Octatriacontane (C38)	20.612	1634056	19.596 ug/ml
22) T n-Tetracontane (C40)	21.463	1513104	18.019 ug/ml

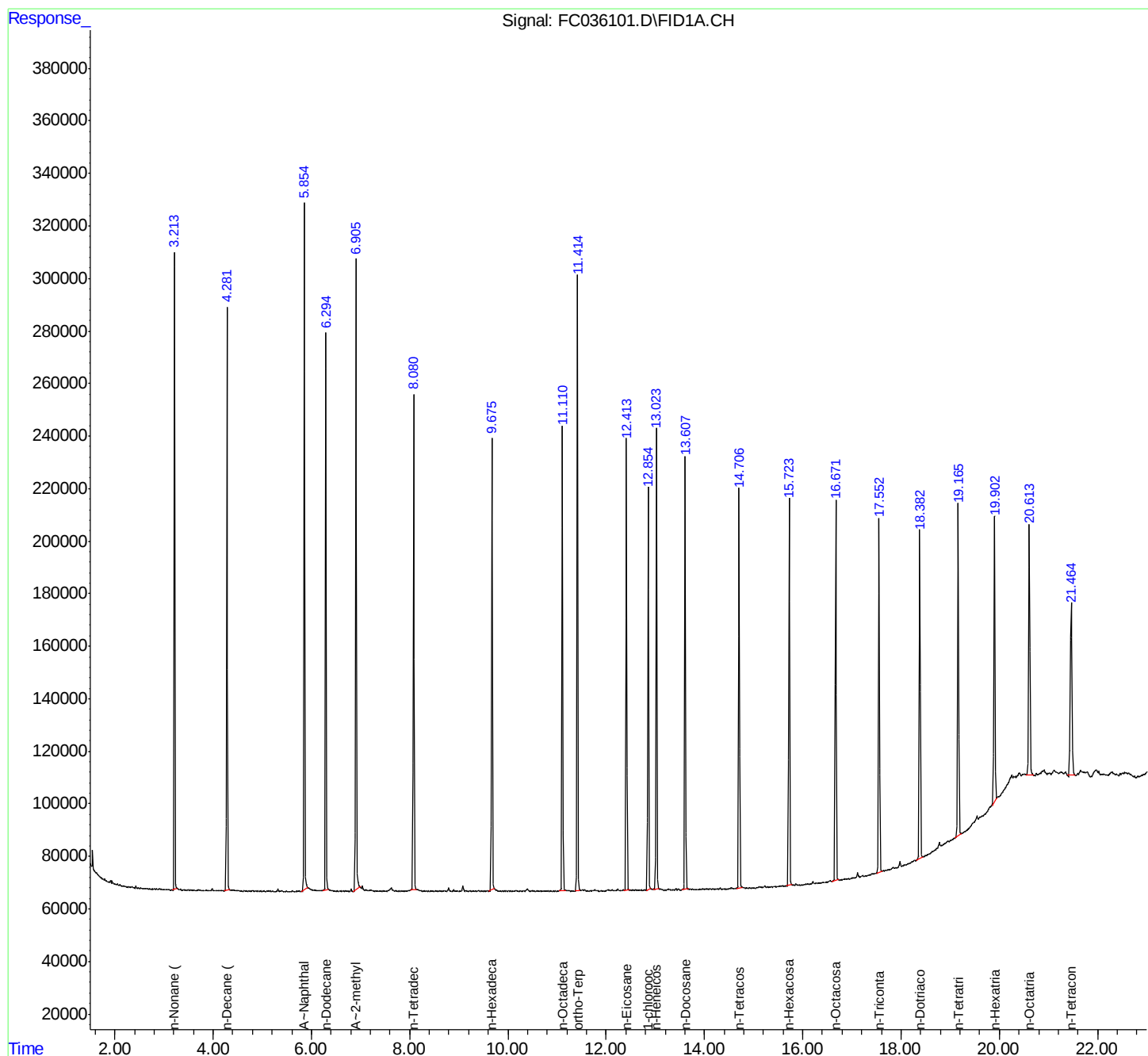
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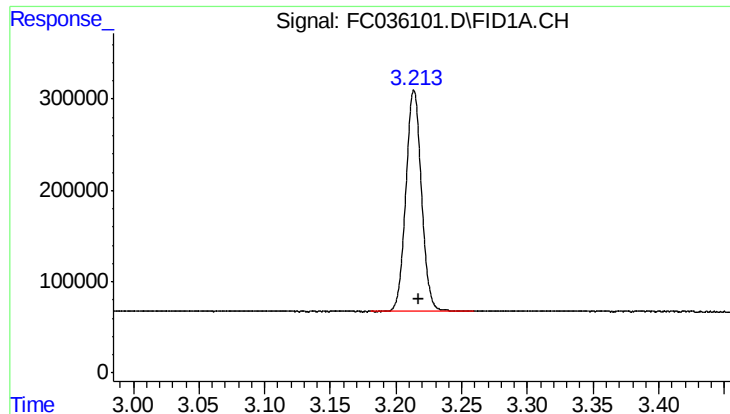
(m)=manual int.

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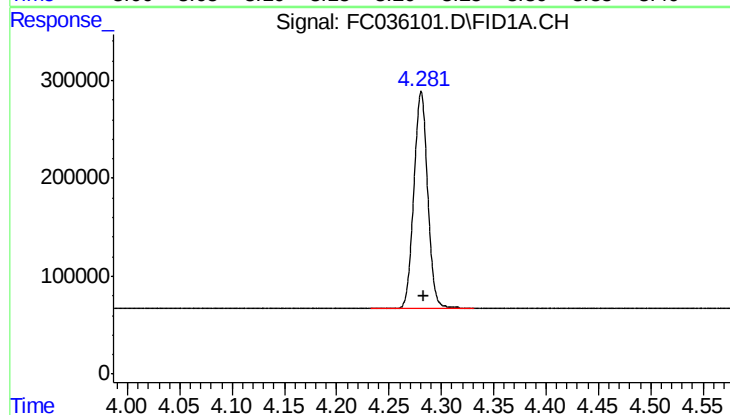
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Signal Info : 20M x 0.18mm x 0.18um





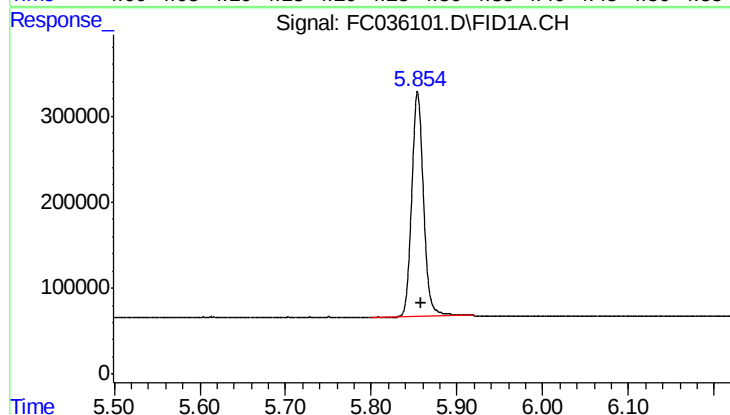
#1 n-Nonane (C9)

R.T.: 3.214 min
Delta R.T.: -0.003 min
Response: 2000102
Conc: 22.27 ug/ml



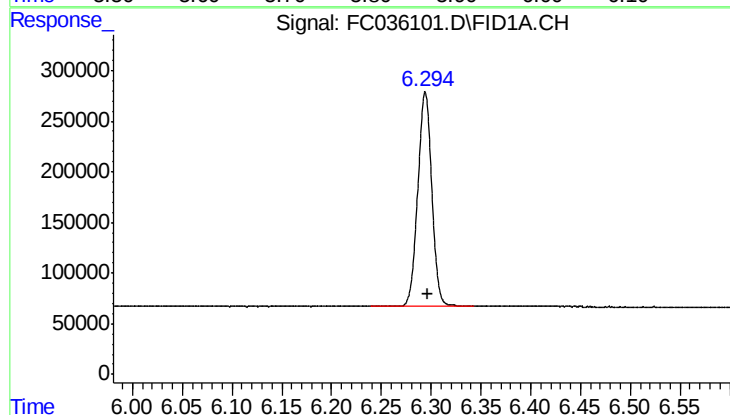
#2 n-Decane (C10)

R.T.: 4.281 min
Delta R.T.: -0.003 min
Response: 2034732
Conc: 22.61 ug/ml



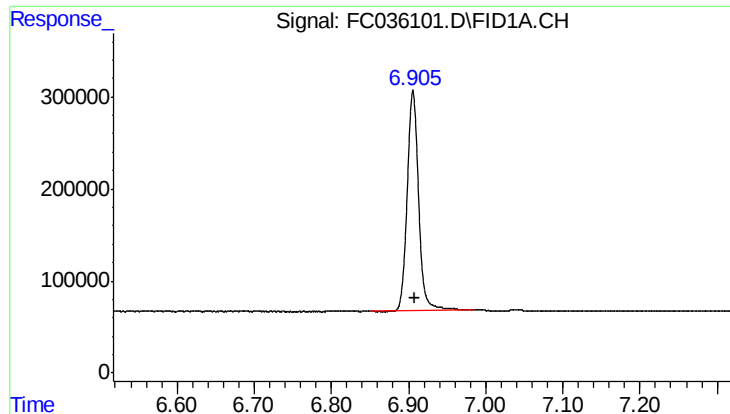
#3 A-Naphthalene (C11.7)

R.T.: 5.854 min
Delta R.T.: -0.004 min
Response: 2468675
Conc: 24.53 ug/ml



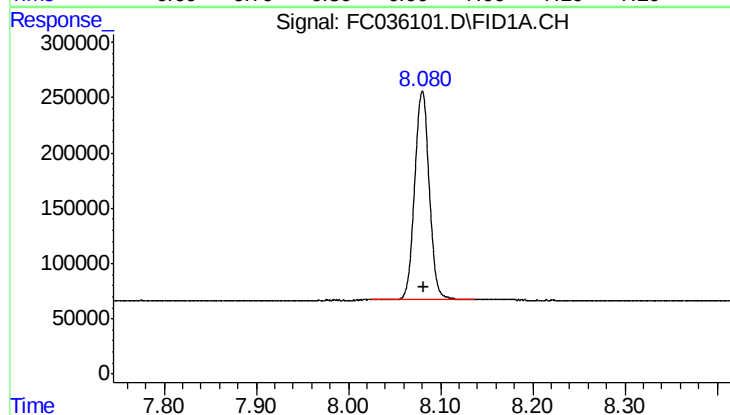
#4 n-Dodecane (C12)

R.T.: 6.294 min
Delta R.T.: -0.002 min
Response: 2070373
Conc: 22.32 ug/ml



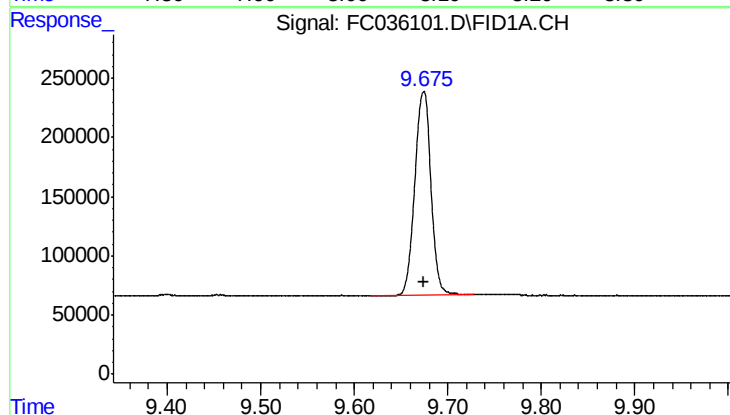
#5 A-2-methylnaphthalene (C12.89)

R.T.: 6.906 min
Delta R.T.: -0.003 min
Response: 2479509
Conc: 24.63 ug/ml



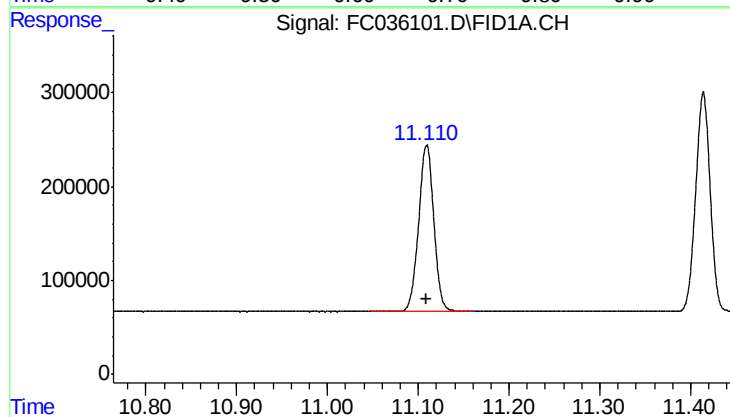
#6 n-Tetradecane (C14)

R.T.: 8.080 min
Delta R.T.: -0.002 min
Response: 2079144
Conc: 21.90 ug/ml



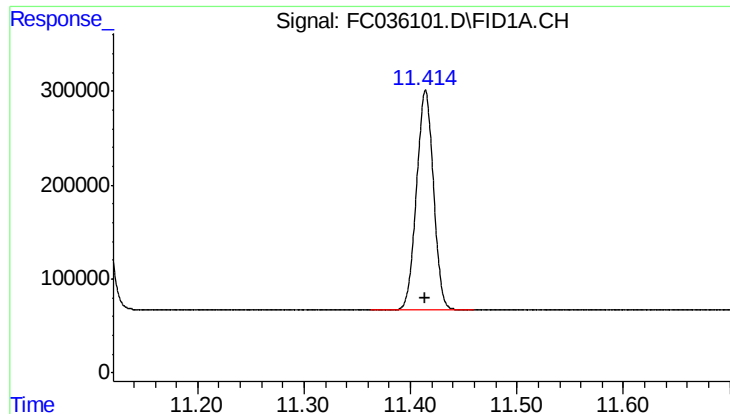
#7 n-Hexadecane (C16)

R.T.: 9.674 min
Delta R.T.: 0.000 min
Response: 2045470
Conc: 21.49 ug/ml



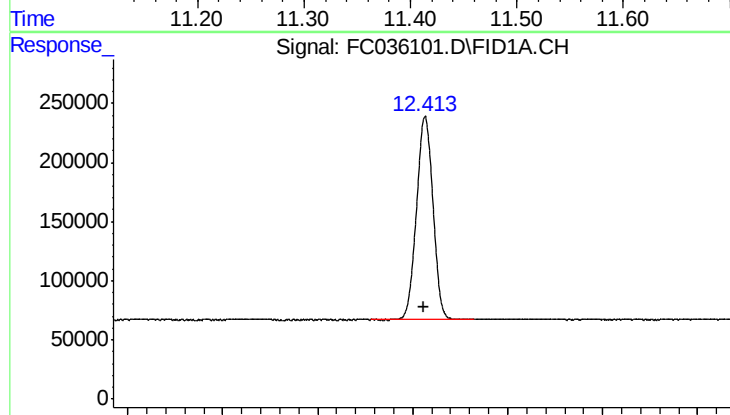
#8 n-Octadecane (C18)

R.T.: 11.109 min
Delta R.T.: 0.000 min
Response: 2061689
Conc: 20.99 ug/ml



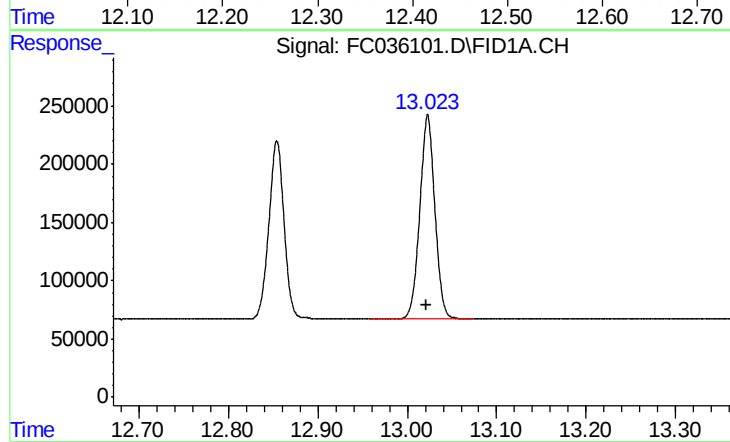
#9 ortho-Terphenyl (SURR)

R.T.: 11.414 min
Delta R.T.: 0.000 min
Response: 2589260
Conc: 23.22 ug/ml



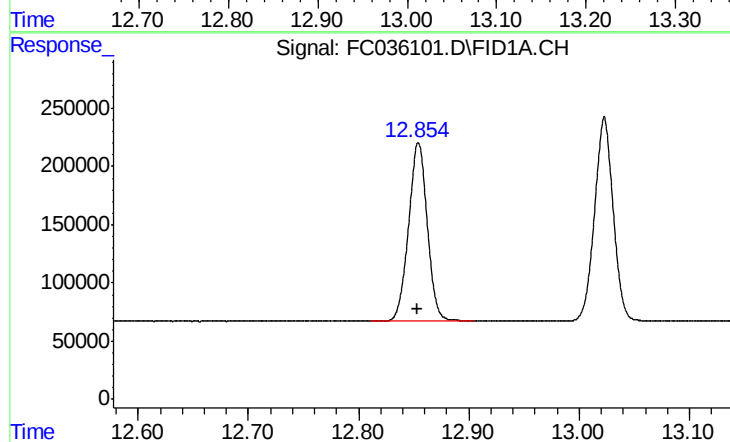
#10 n-Eicosane (C20)

R.T.: 12.413 min
Delta R.T.: 0.000 min
Response: 2061824
Conc: 21.34 ug/ml



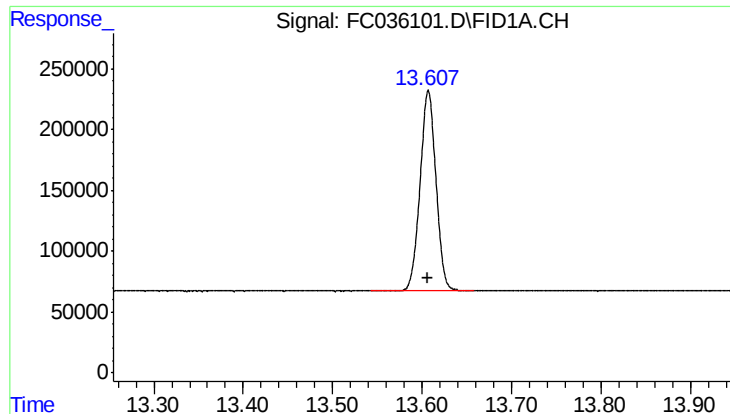
#11 n-Heneicosane (C21)

R.T.: 13.023 min
Delta R.T.: 0.002 min
Response: 2035650
Conc: 21.63 ug/ml



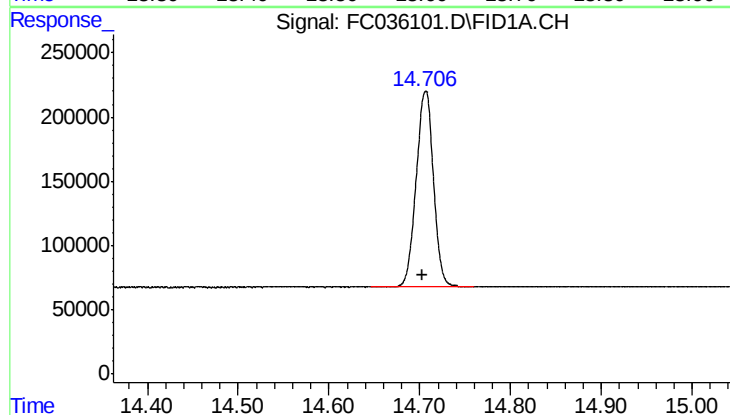
#12 1-chlorooctadecane (SURR)

R.T.: 12.854 min
Delta R.T.: 0.000 min
Response: 1796701
Conc: 22.02 ug/ml



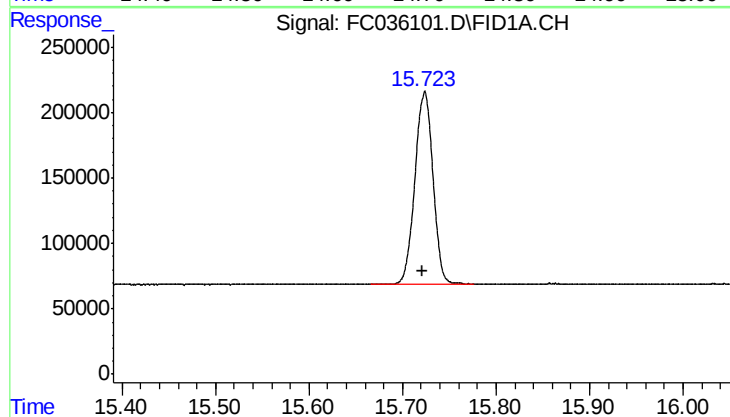
#13 n-Docosane (C22)

R.T.: 13.607 min
Delta R.T.: 0.000 min
Response: 2028440
Conc: 21.78 ug/ml



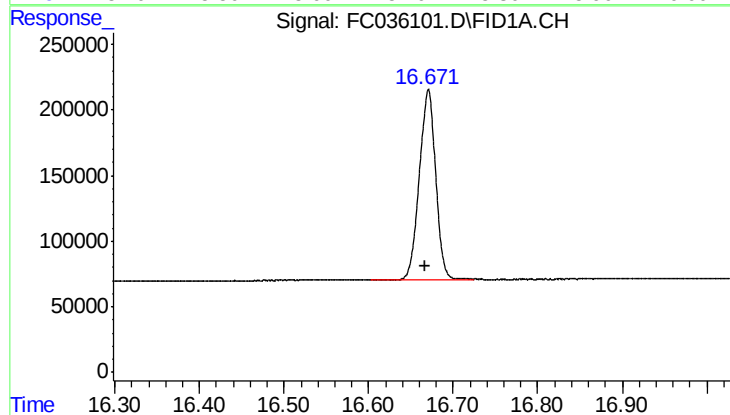
#14 n-Tetracosane (C24)

R.T.: 14.706 min
Delta R.T.: 0.003 min
Response: 2005675
Conc: 21.93 ug/ml



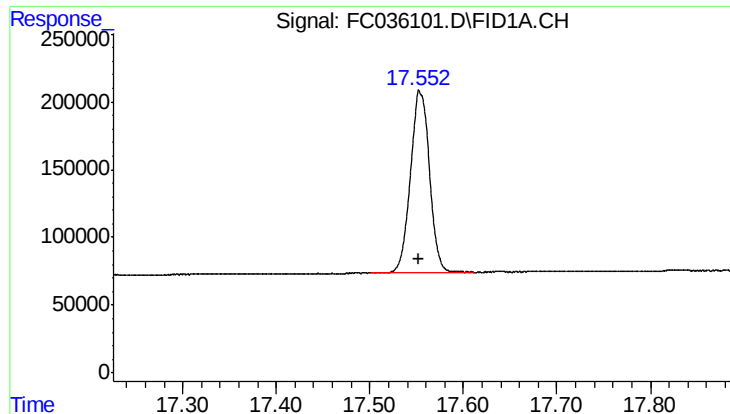
#15 n-Hexacosane (C26)

R.T.: 15.724 min
Delta R.T.: 0.002 min
Response: 1968711
Conc: 21.95 ug/ml



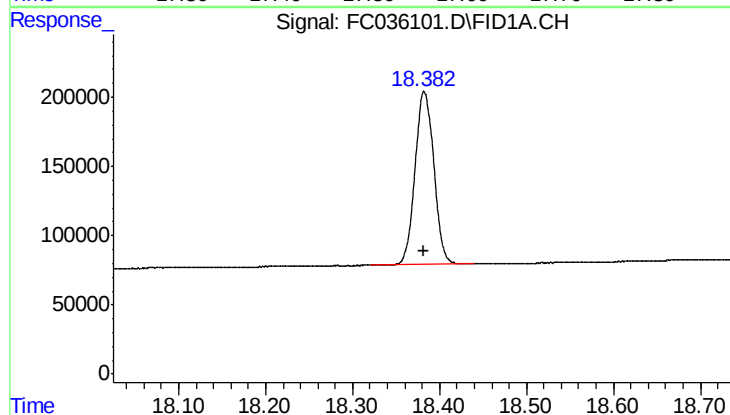
#16 n-Octacosane (C28)

R.T.: 16.671 min
Delta R.T.: 0.003 min
Response: 1937845
Conc: 21.30 ug/ml



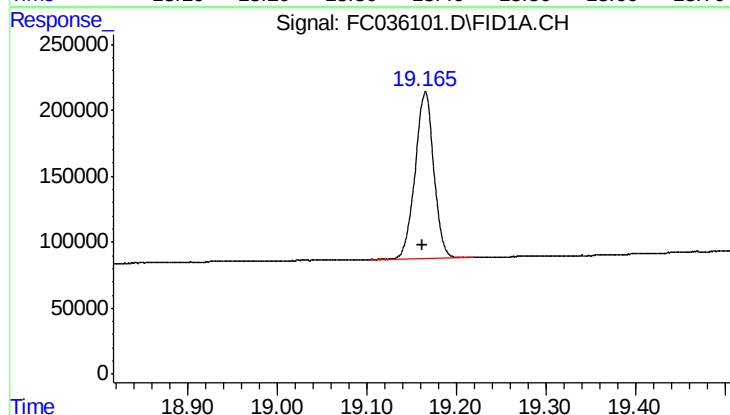
#17 n-Tricontane (C30)

R.T.: 17.554 min
Delta R.T.: 0.002 min
Response: 1891959
Conc: 19.66 ug/ml



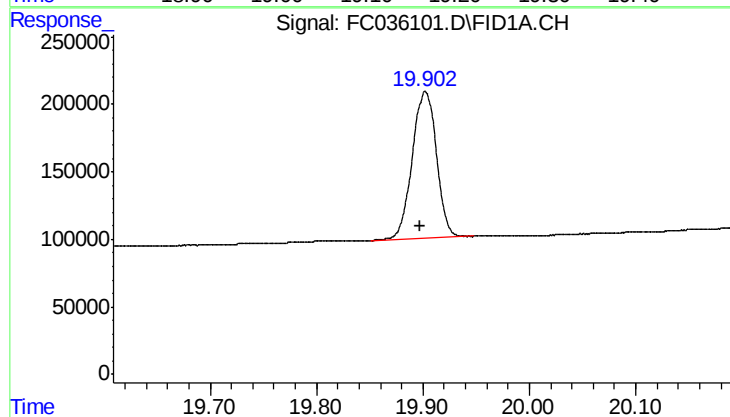
#18 n-Dotriacontane (C32)

R.T.: 18.383 min
Delta R.T.: 0.001 min
Response: 1878404
Conc: 19.89 ug/ml



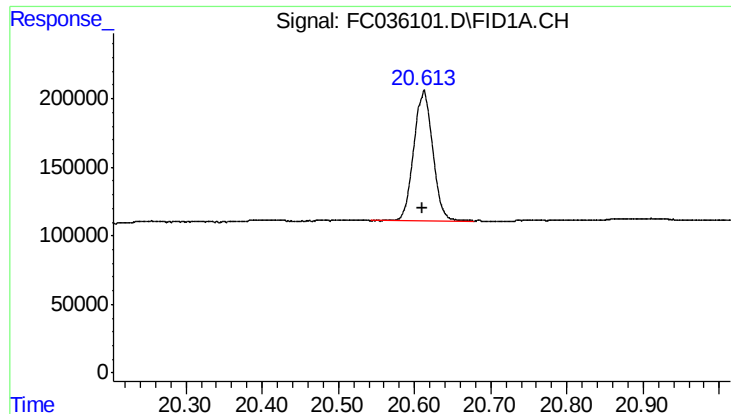
#19 n-Tetratriacontane (C34)

R.T.: 19.165 min
Delta R.T.: 0.003 min
Response: 1821395
Conc: 20.57 ug/ml



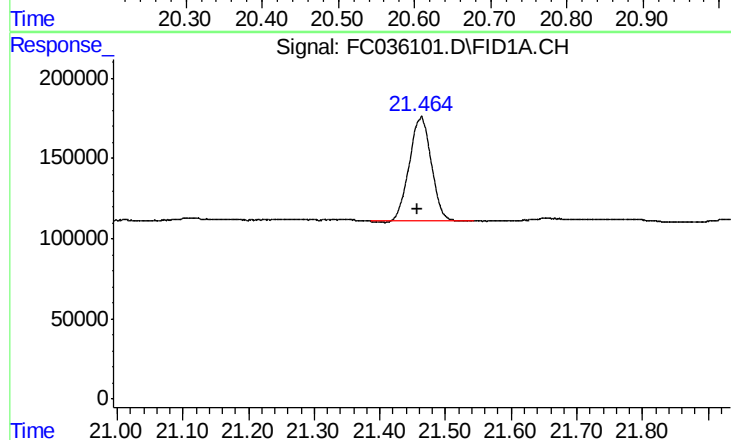
#20 n-Hexatriacontane (C36)

R.T.: 19.902 min
Delta R.T.: 0.005 min
Response: 1724002
Conc: 20.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.612 min
Delta R.T.: 0.002 min
Response: 1634056
Conc: 19.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.463 min
Delta R.T.: 0.006 min
Response: 1513104
Conc: 18.02 ug/ml