

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082718AL\
 Data File : FC036088.D
 Signal(s) : FID1A.CH
 Acq On : 27 Aug 2018 10:32
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 27 10:56:09 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID_C\Method\Aliphatic 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)	11.413	2448820	21.962 ug/ml
Spiked Amount 50.000		Recovery =	43.92%
12) S 1-chlorooctadecane (S...	12.853	1677534	20.555 ug/ml
Spiked Amount 50.000		Recovery =	41.11%
Target Compounds			
1) T n-Nonane (C9)	3.215	1872429	20.846 ug/ml
2) T n-Decane (C10)	4.282	1882817	20.918 ug/ml
3) T A-Naphthalene (C11.7)	5.855	2285778	22.712 ug/ml
4) T n-Dodecane (C12)	6.294	1915524	20.655 ug/ml
5) T A-2-methylnaphthalene...	6.905	2325833	23.099 ug/ml
6) T n-Tetradecane (C14)	8.079	1926401	20.294 ug/ml
7) T n-Hexadecane (C16)	9.672	1909415	20.059 ug/ml
8) T n-Octadecane (C18)	11.108	1924592	19.592 ug/ml
10) T n-Eicosane (C20)	12.413	1923647	19.906 ug/ml
11) T n-Heneicosane (C21)	13.022	1901897	20.205 ug/ml
13) T n-Docosane (C22)	13.607	1891828	20.314 ug/ml
14) T n-Tetracosane (C24)	14.706	1871235	20.463 ug/ml
15) T n-Hexacosane (C26)	15.723	1828791	20.388 ug/ml
16) T n-Octacosane (C28)	16.668	1797699	19.756 ug/ml
17) T n-Tricontane (C30)	17.555	1743383	18.118 ug/ml
18) T n-Dotriacontane (C32)	18.384	1725295	18.272 ug/ml
19) T n-Tetratriacontane (C34)	19.164	1662485	18.773 ug/ml
20) T n-Hexatriacontane (C36)	19.902	1555836	18.365 ug/ml
21) T n-Octatriacontane (C38)	20.614	1502596	18.019 ug/ml
22) T n-Tetracontane (C40)	21.462	1494961	17.803 ug/ml

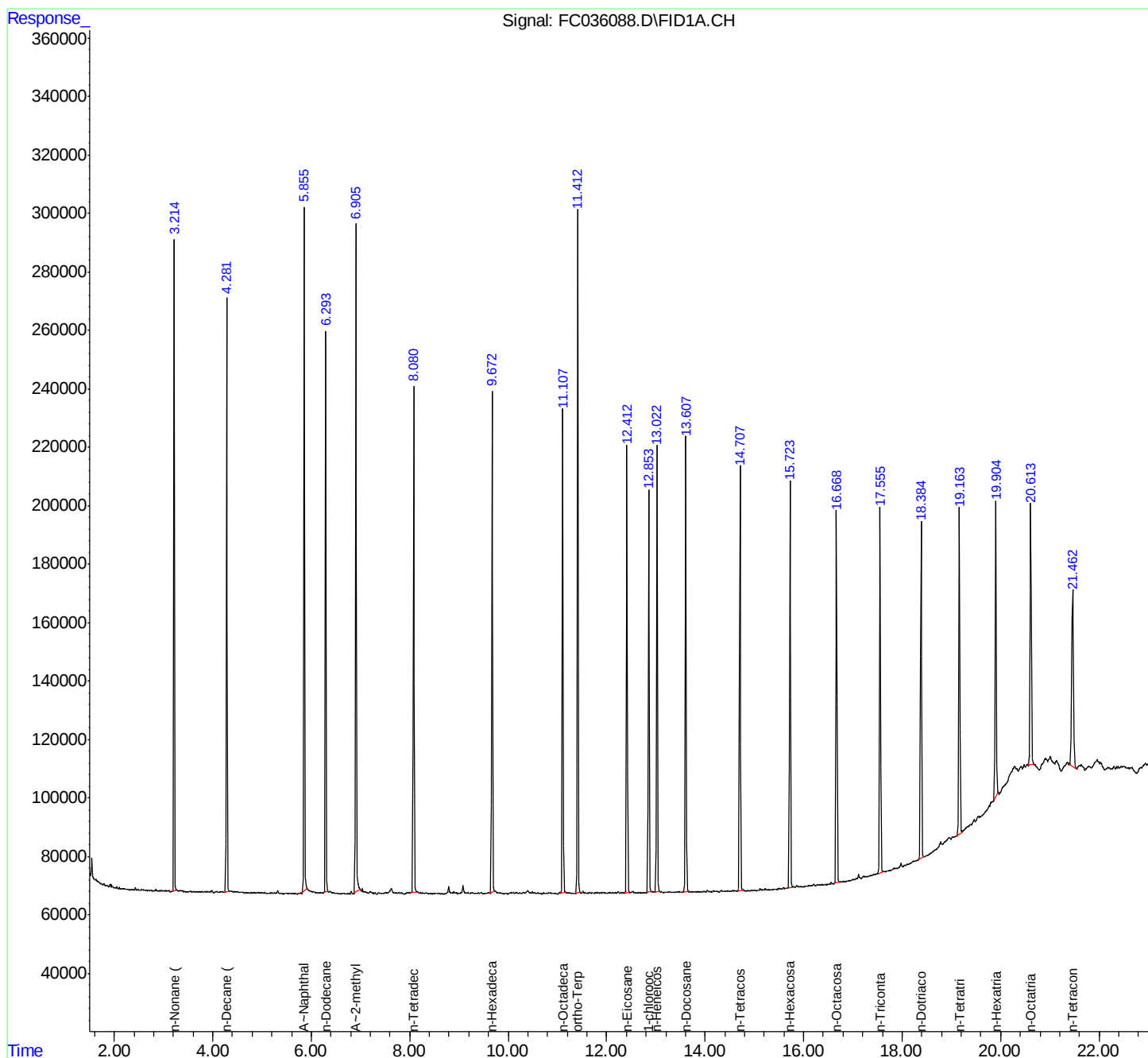
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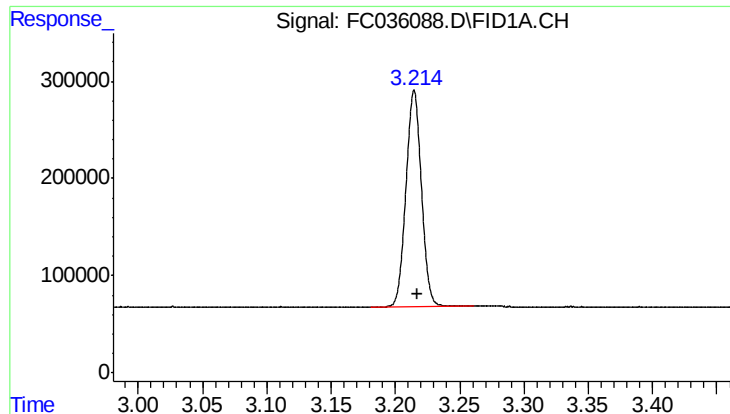
(m)=manual int.

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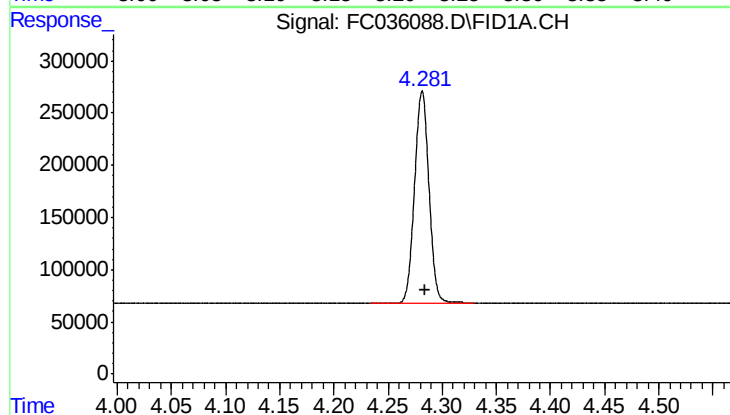
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Signal Info : 20M x 0.18mm x 0.18um





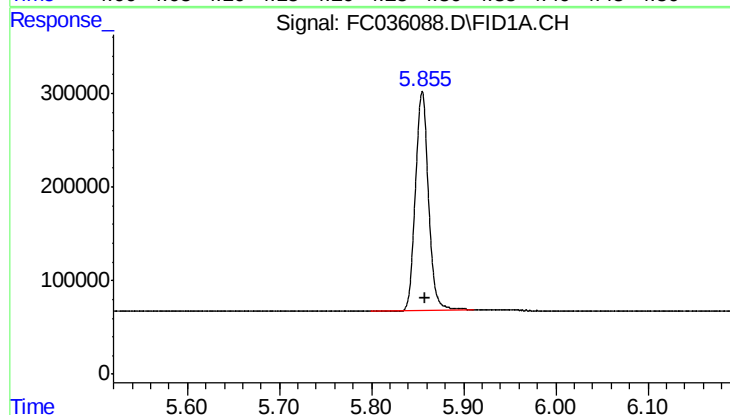
#1 n-Nonane (C9)

R.T.: 3.215 min
Delta R.T.: -0.002 min
Response: 1872429
Conc: 20.85 ug/ml



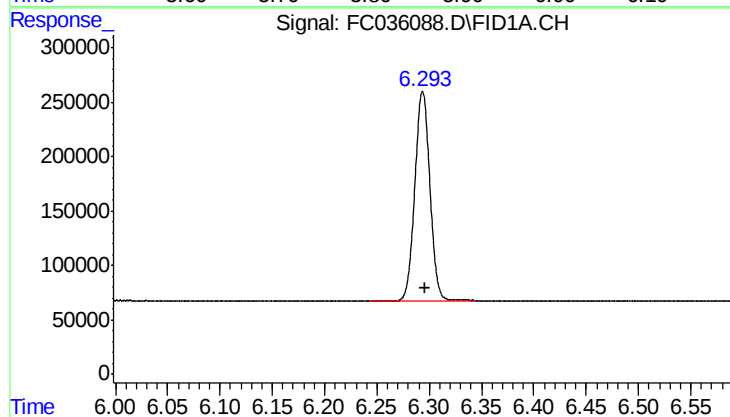
#2 n-Decane (C10)

R.T.: 4.282 min
Delta R.T.: -0.002 min
Response: 1882817
Conc: 20.92 ug/ml



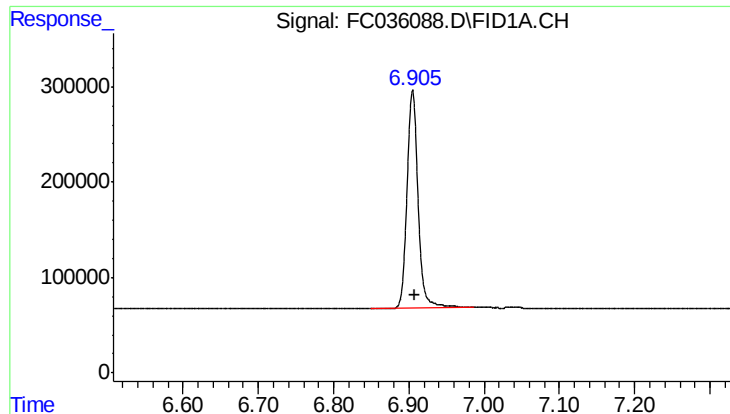
#3 A-Naphthalene (C11.7)

R.T.: 5.855 min
Delta R.T.: -0.003 min
Response: 2285778
Conc: 22.71 ug/ml



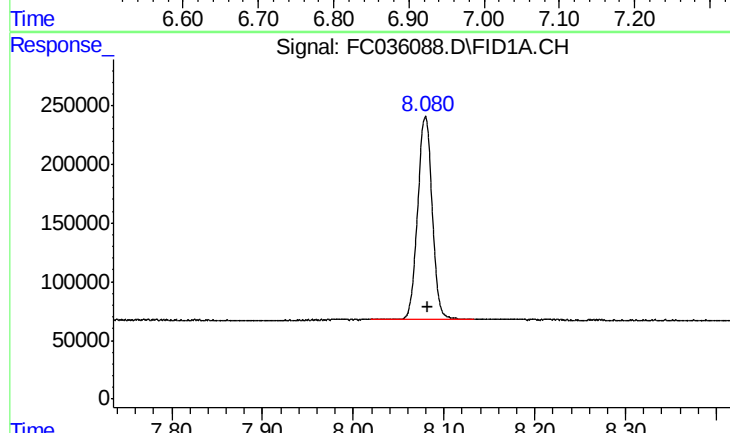
#4 n-Dodecane (C12)

R.T.: 6.294 min
Delta R.T.: -0.002 min
Response: 1915524
Conc: 20.65 ug/ml



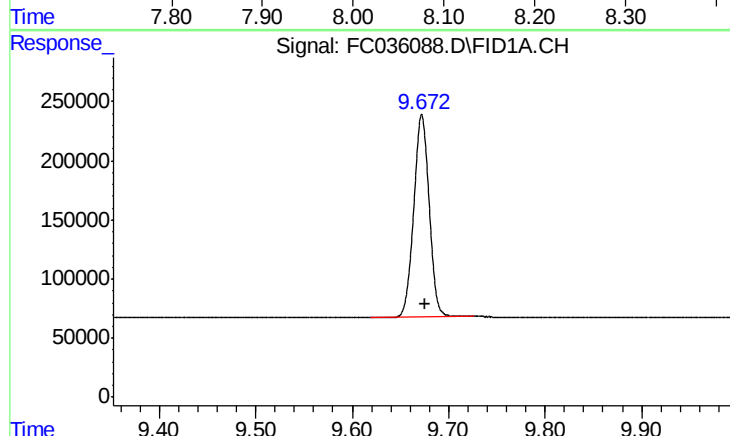
#5 A-2-methylnaphthalene (C12.89)

R.T.: 6.905 min
Delta R.T.: -0.003 min
Response: 2325833
Conc: 23.10 ug/ml



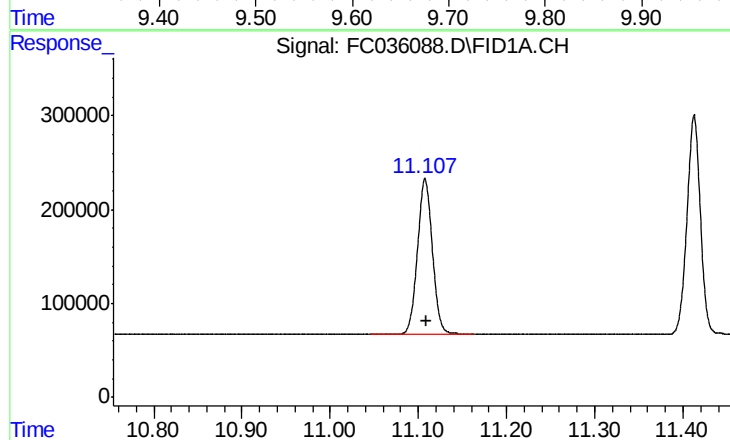
#6 n-Tetradecane (C14)

R.T.: 8.079 min
Delta R.T.: -0.002 min
Response: 1926401
Conc: 20.29 ug/ml



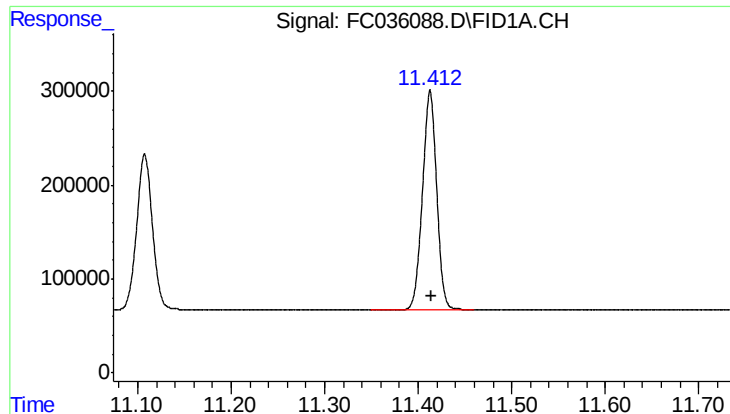
#7 n-Hexadecane (C16)

R.T.: 9.672 min
Delta R.T.: -0.003 min
Response: 1909415
Conc: 20.06 ug/ml



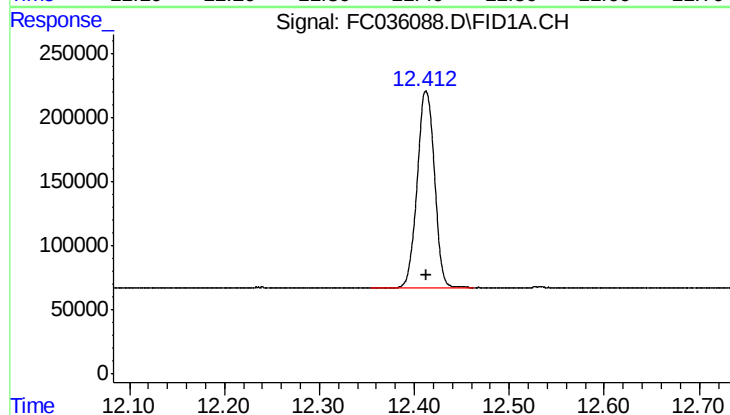
#8 n-Octadecane (C18)

R.T.: 11.108 min
Delta R.T.: -0.002 min
Response: 1924592
Conc: 19.59 ug/ml



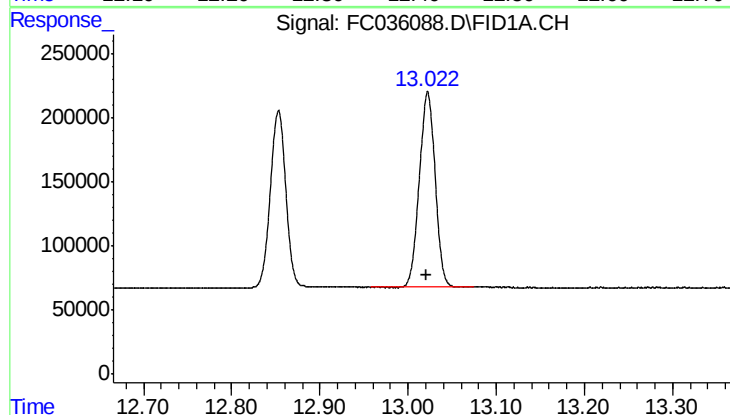
#9 ortho-Terphenyl (SURR)

R.T.: 11.413 min
Delta R.T.: -0.001 min
Response: 2448820
Conc: 21.96 ug/ml



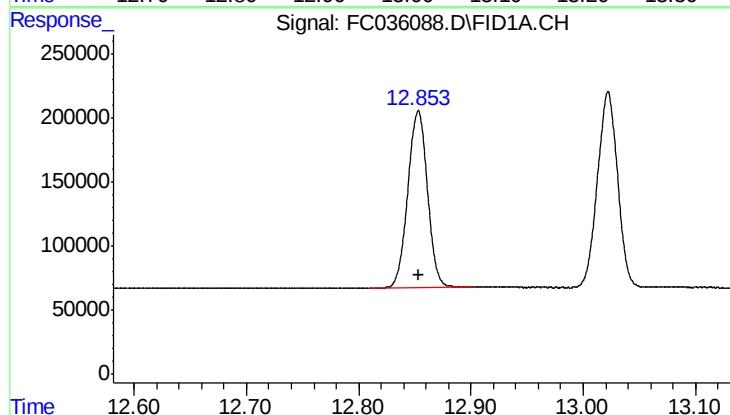
#10 n-Eicosane (C20)

R.T.: 12.413 min
Delta R.T.: 0.000 min
Response: 1923647
Conc: 19.91 ug/ml



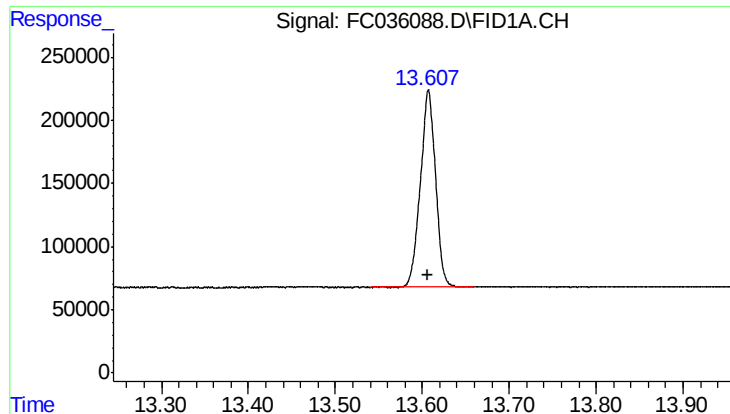
#11 n-Heneicosane (C21)

R.T.: 13.022 min
Delta R.T.: 0.001 min
Response: 1901897
Conc: 20.21 ug/ml



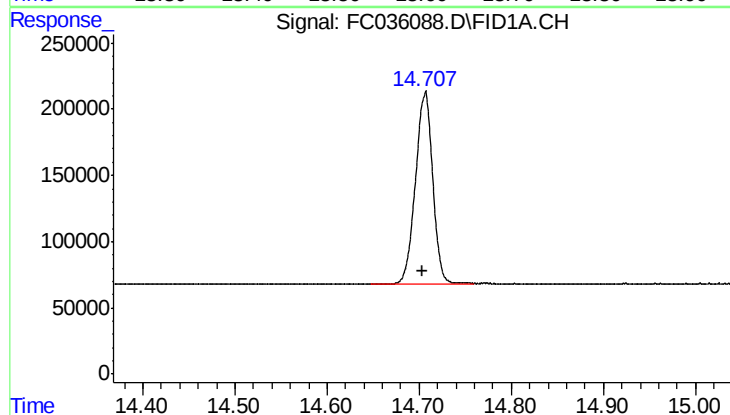
#12 1-chlorooctadecane (SURR)

R.T.: 12.853 min
Delta R.T.: 0.000 min
Response: 1677534
Conc: 20.56 ug/ml



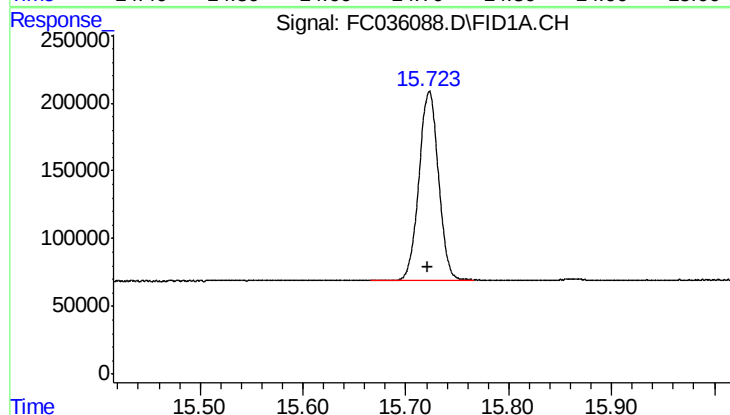
#13 n-Docosane (C22)

R.T.: 13.607 min
Delta R.T.: 0.001 min
Response: 1891828
Conc: 20.31 ug/ml



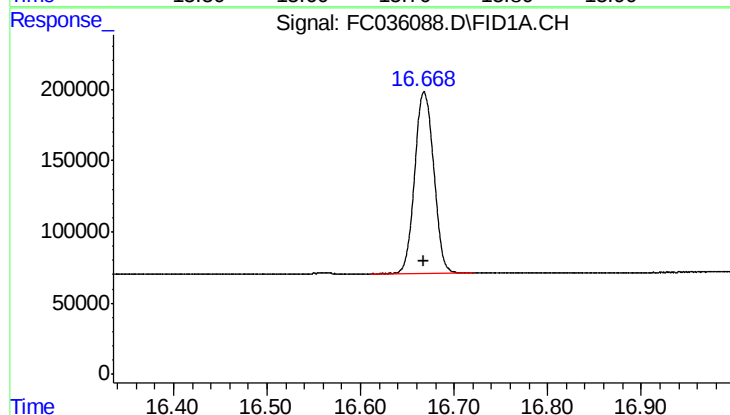
#14 n-Tetracosane (C24)

R.T.: 14.706 min
Delta R.T.: 0.003 min
Response: 1871235
Conc: 20.46 ug/ml



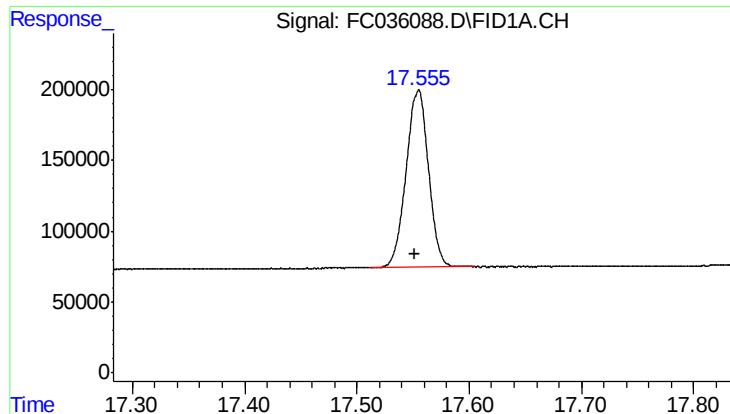
#15 n-Hexacosane (C26)

R.T.: 15.723 min
Delta R.T.: 0.001 min
Response: 1828791
Conc: 20.39 ug/ml



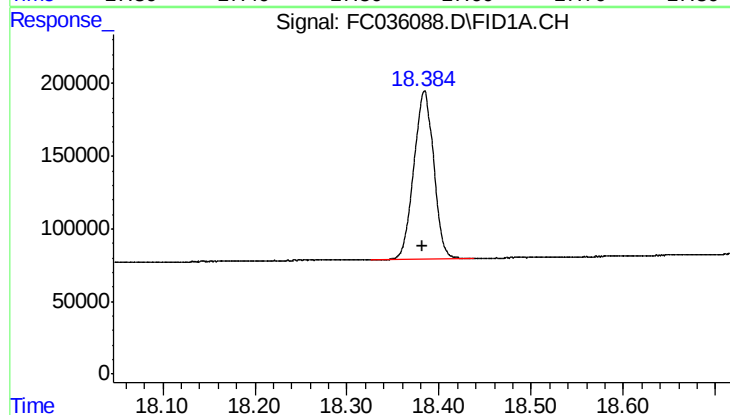
#16 n-Octacosane (C28)

R.T.: 16.668 min
Delta R.T.: 0.000 min
Response: 1797699
Conc: 19.76 ug/ml



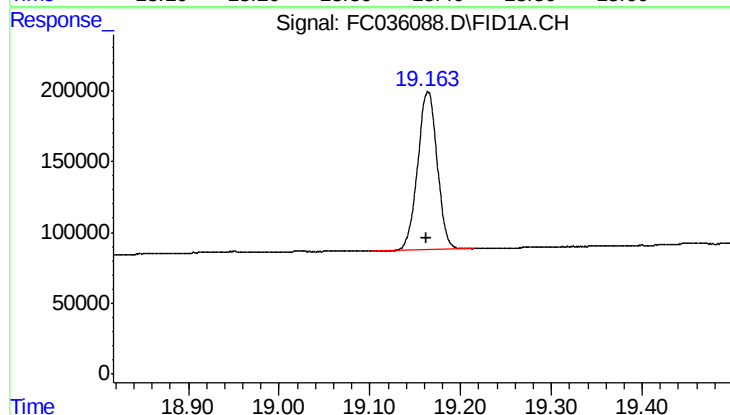
#17 n-Tricontane (C30)

R.T.: 17.555 min
Delta R.T.: 0.003 min
Response: 1743383
Conc: 18.12 ug/ml



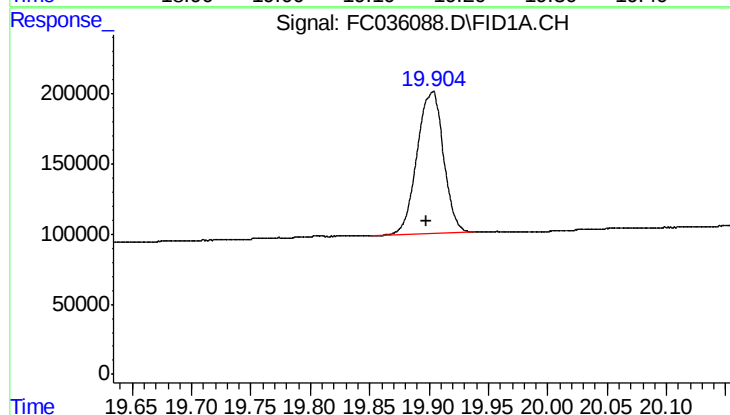
#18 n-Dotriacontane (C32)

R.T.: 18.384 min
Delta R.T.: 0.002 min
Response: 1725295
Conc: 18.27 ug/ml



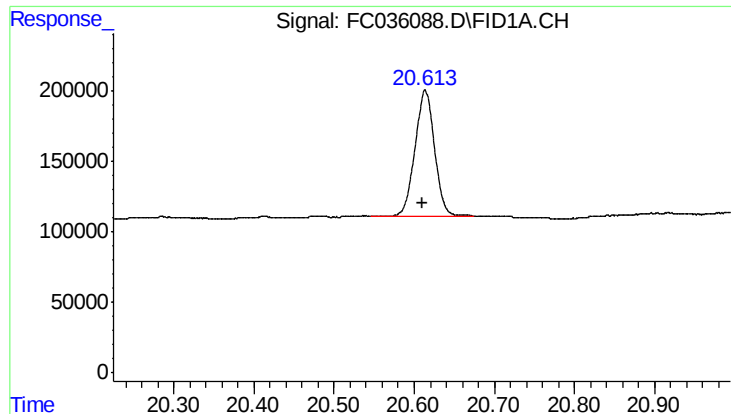
#19 n-Tetratriacontane (C34)

R.T.: 19.164 min
Delta R.T.: 0.002 min
Response: 1662485
Conc: 18.77 ug/ml



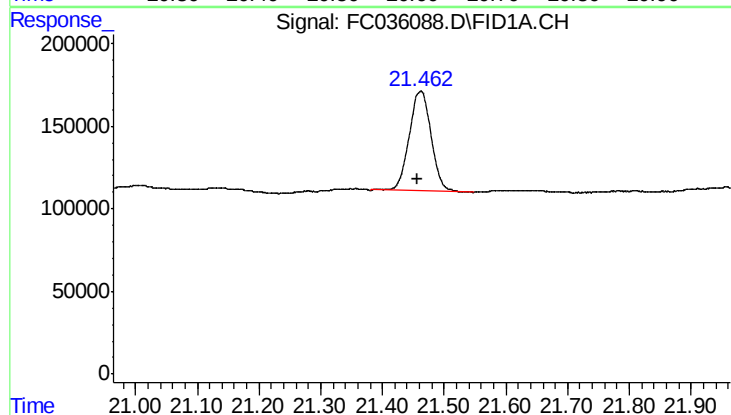
#20 n-Hexatriacontane (C36)

R.T.: 19.902 min
Delta R.T.: 0.005 min
Response: 1555836
Conc: 18.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.614 min
Delta R.T.: 0.004 min
Response: 1502596
Conc: 18.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.462 min
Delta R.T.: 0.005 min
Response: 1494961
Conc: 17.80 ug/ml