

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090418AL\
 Data File : FC036158.D
 Signal(s) : FID1A.CH
 Acq On : 04 Sep 2018 11:17
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 05 03:42:05 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	2327180	20.871 ug/ml
Spiked Amount 50.000		Recovery =	41.74%
12) S 1-chlorooctadecane (S...	12.854	1610959	19.740 ug/ml
Spiked Amount 50.000		Recovery =	39.48%
Target Compounds			
1) T n-Nonane (C9)	3.215	1714153	19.084 ug/ml
2) T n-Decane (C10)	4.281	1730003	19.220 ug/ml
3) T A~Naphthalene (C11.7)	5.855	2120905	21.074 ug/ml
4) T n-Dodecane (C12)	6.294	1772270	19.110 ug/ml
5) T A~2-methylnaphthalene...	6.906	2121700	21.072 ug/ml
6) T n-Tetradecane (C14)	8.080	1796643	18.927 ug/ml
7) T n-Hexadecane (C16)	9.673	1811375	19.029 ug/ml
8) T n-Octadecane (C18)	11.108	1848139	18.813 ug/ml
10) T n-Eicosane (C20)	12.414	1858795	19.235 ug/ml
11) T n-Heneicosane (C21)	13.022	1839503	19.543 ug/ml
13) T n-Docosane (C22)	13.607	1830048	19.651 ug/ml
14) T n-Tetracosane (C24)	14.705	1807275	19.764 ug/ml
15) T n-Hexacosane (C26)	15.722	1766962	19.699 ug/ml
16) T n-Octacosane (C28)	16.668	1729950	19.011 ug/ml
17) T n-Tricontane (C30)	17.552	1669813	17.354 ug/ml
18) T n-Dotriacontane (C32)	18.382	1660917	17.590 ug/ml
19) T n-Tetratriacontane (C34)	19.163	1610857	18.190 ug/ml
20) T n-Hexatriacontane (C36)	19.900	1543834	18.223 ug/ml
21) T n-Octatriacontane (C38)	20.607	1513004	18.144 ug/mlm
22) T n-Tetracontane (C40)	21.456	1335949	15.910 ug/mlm

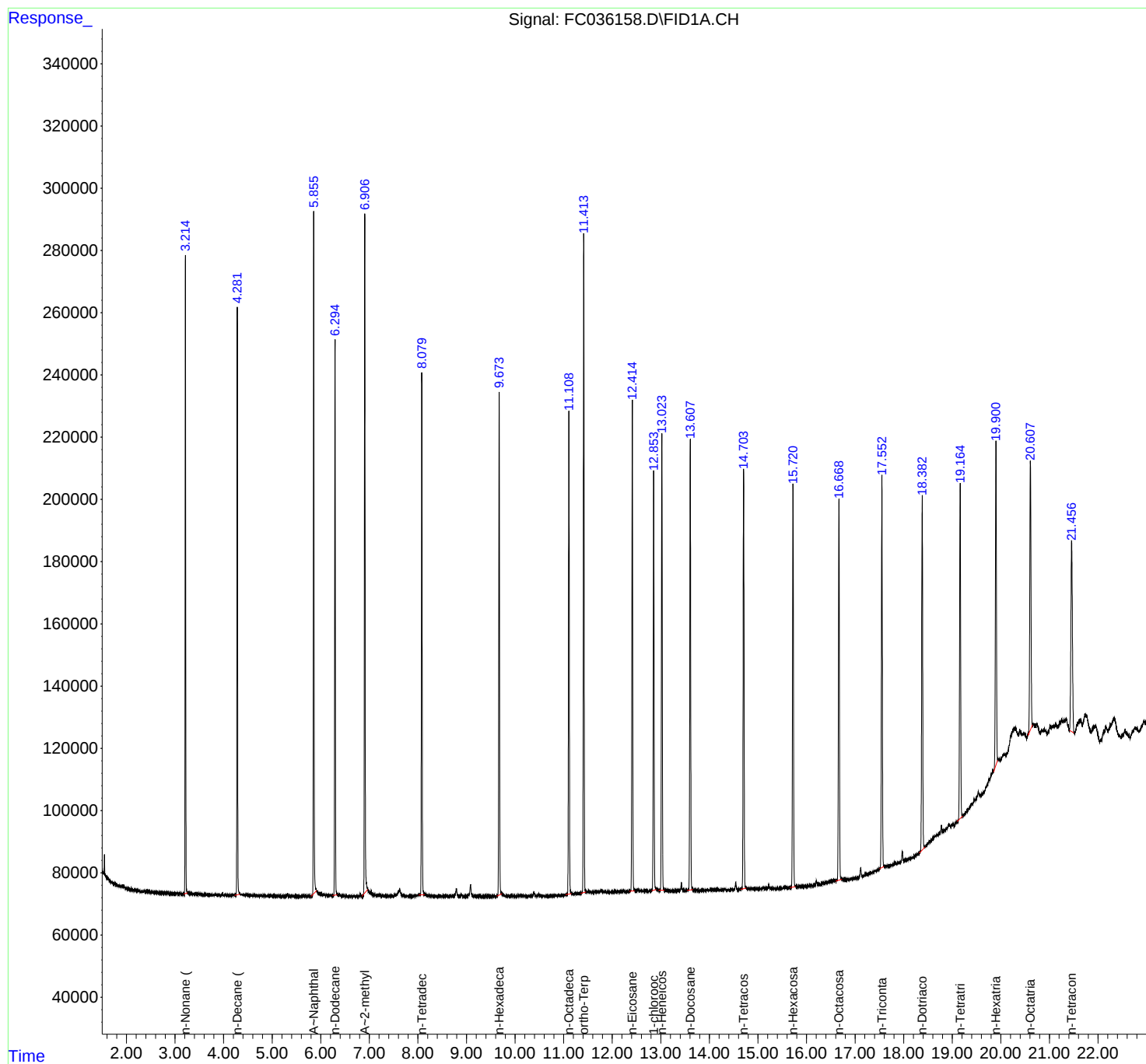
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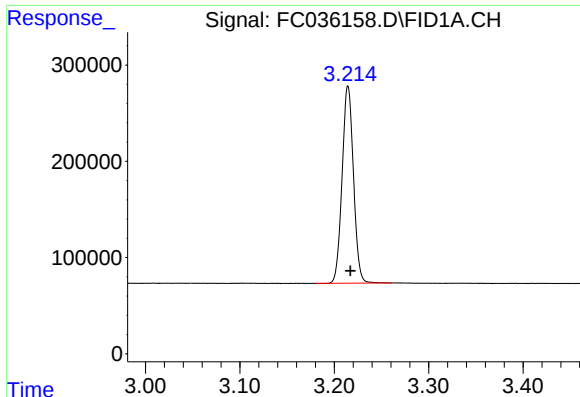
(m)=manual int.

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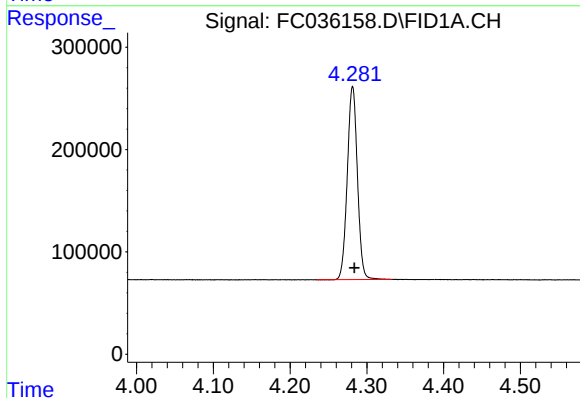
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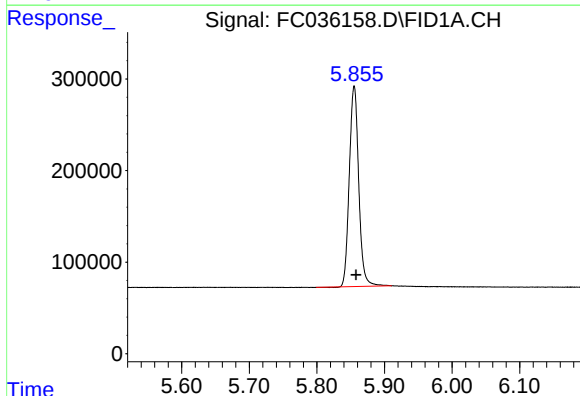
#1 n-Nonane (C9)

R.T.: 3.215 min
Delta R.T.: -0.002 min
Response: 1714153
Conc: 19.08 ug/ml



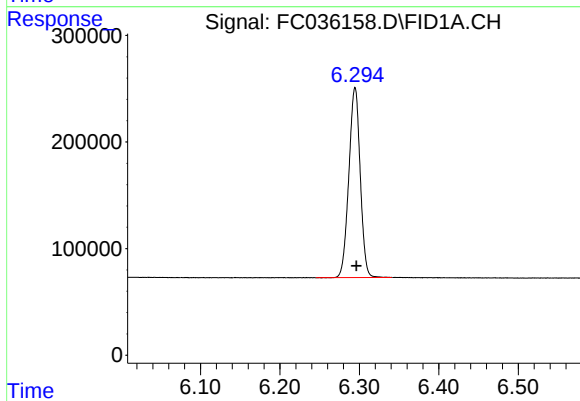
#2 n-Decane (C10)

R.T.: 4.281 min
Delta R.T.: -0.002 min
Response: 1730003
Conc: 19.22 ug/ml



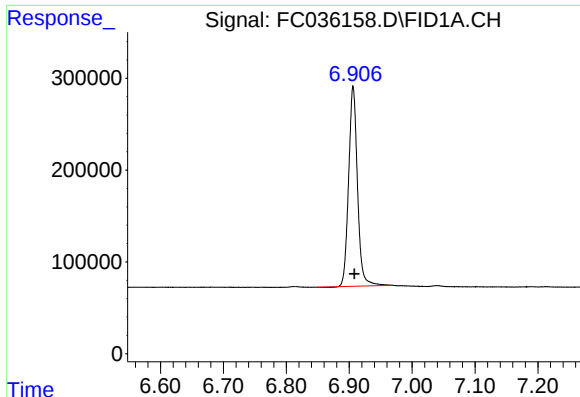
#3 A~Naphthalene (C11.7)

R.T.: 5.855 min
Delta R.T.: -0.003 min
Response: 2120905
Conc: 21.07 ug/ml



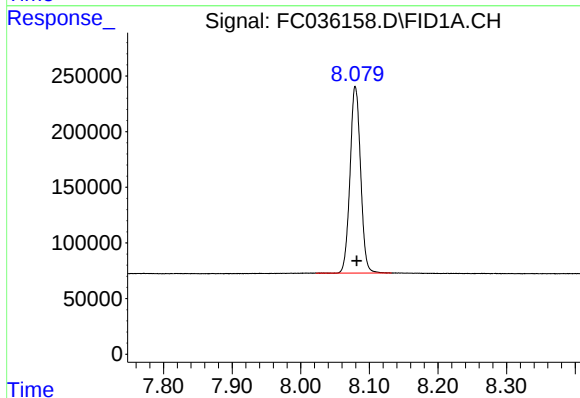
#4 n-Dodecane (C12)

R.T.: 6.294 min
Delta R.T.: -0.002 min
Response: 1772270
Conc: 19.11 ug/ml



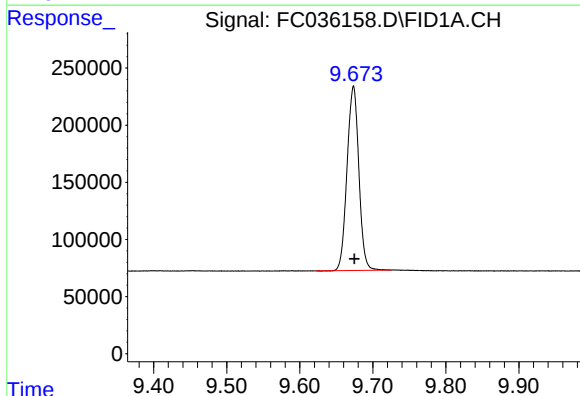
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.906 min
Delta R.T.: -0.002 min
Response: 2121700
Conc: 21.07 ug/ml



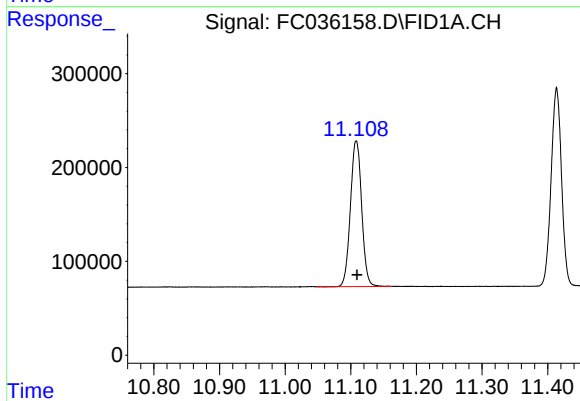
#6 n-Tetradecane (C14)

R.T.: 8.080 min
Delta R.T.: -0.002 min
Response: 1796643
Conc: 18.93 ug/ml



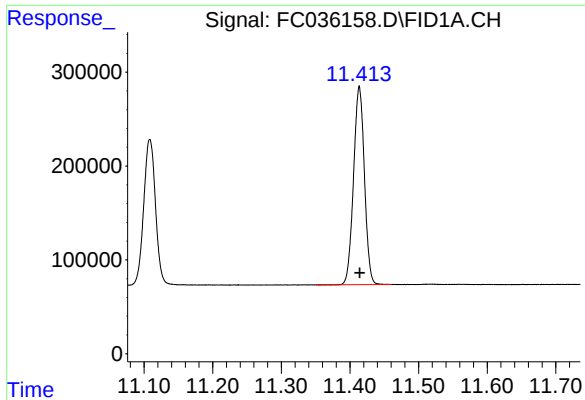
#7 n-Hexadecane (C16)

R.T.: 9.673 min
Delta R.T.: -0.002 min
Response: 1811375
Conc: 19.03 ug/ml



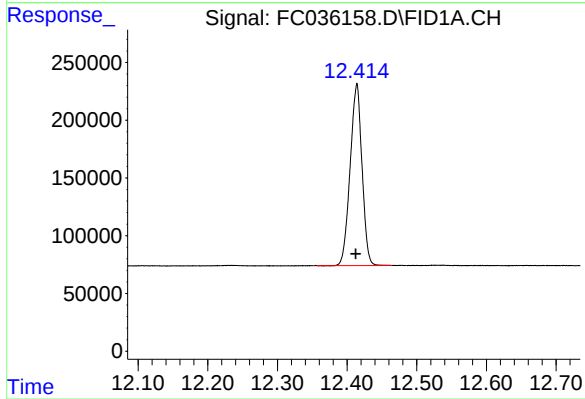
#8 n-Octadecane (C18)

R.T.: 11.108 min
Delta R.T.: -0.001 min
Response: 1848139
Conc: 18.81 ug/ml



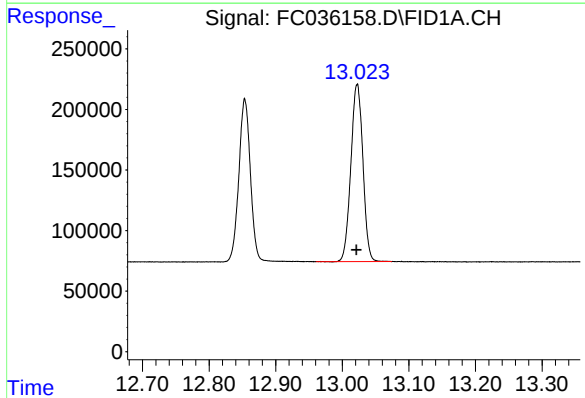
#9 ortho-Terphenyl (SURR)

R.T.: 11.414 min
Delta R.T.: 0.000 min
Response: 2327180
Conc: 20.87 ug/ml



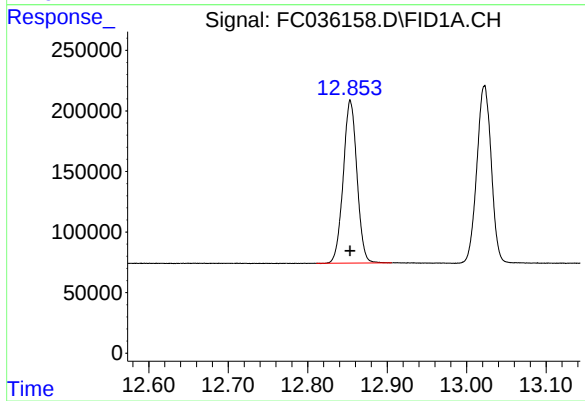
#10 n-Eicosane (C20)

R.T.: 12.414 min
Delta R.T.: 0.001 min
Response: 1858795
Conc: 19.24 ug/ml



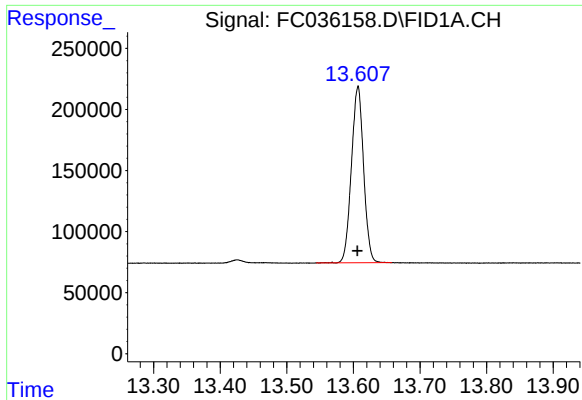
#11 n-Heneicosane (C21)

R.T.: 13.022 min
Delta R.T.: 0.001 min
Response: 1839503
Conc: 19.54 ug/ml



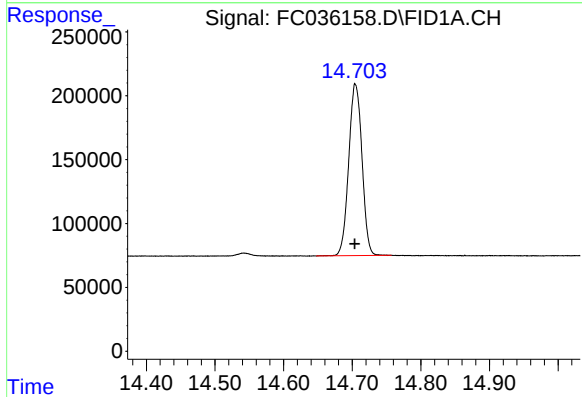
#12 1-chlorooctadecane (SURR)

R.T.: 12.854 min
Delta R.T.: 0.000 min
Response: 1610959
Conc: 19.74 ug/ml



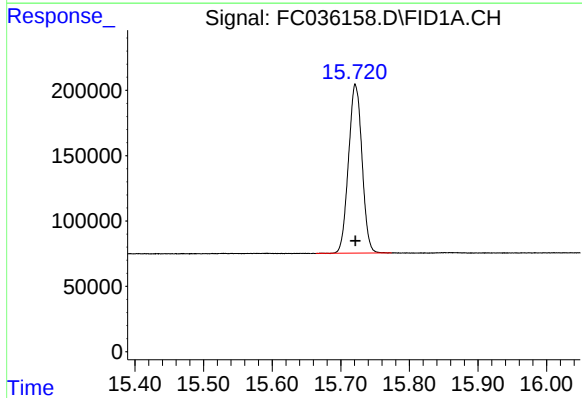
#13 n-Docosane (C22)

R.T.: 13.607 min
Delta R.T.: 0.000 min
Response: 1830048
Conc: 19.65 ug/ml



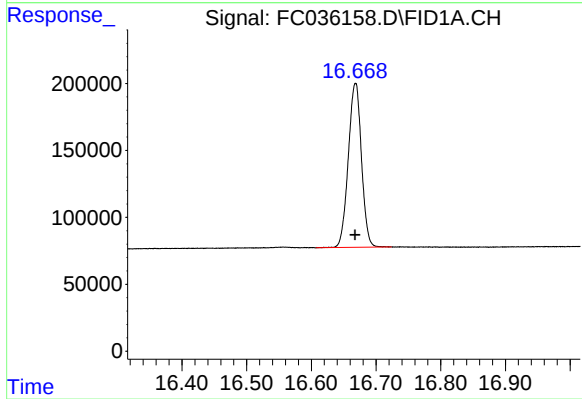
#14 n-Tetracosane (C24)

R.T.: 14.705 min
Delta R.T.: 0.001 min
Response: 1807275
Conc: 19.76 ug/ml



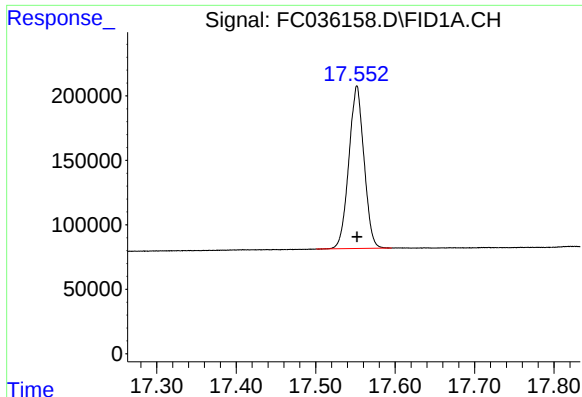
#15 n-Hexacosane (C26)

R.T.: 15.722 min
Delta R.T.: 0.000 min
Response: 1766962
Conc: 19.70 ug/ml



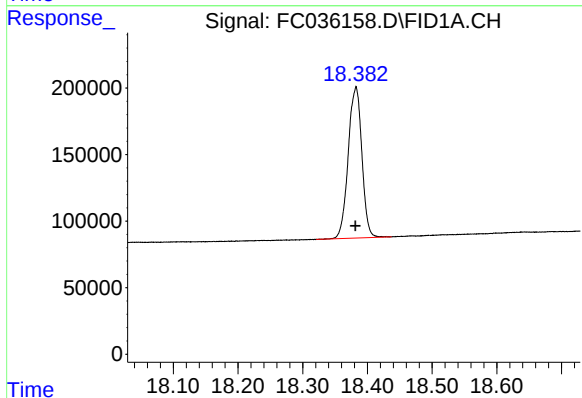
#16 n-Octacosane (C28)

R.T.: 16.668 min
Delta R.T.: 0.000 min
Response: 1729950
Conc: 19.01 ug/ml



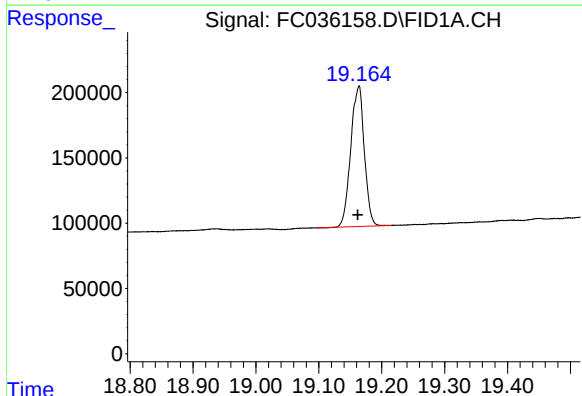
#17 n-Tricontane (C30)

R.T.: 17.552 min
Delta R.T.: 0.000 min
Response: 1669813
Conc: 17.35 ug/ml



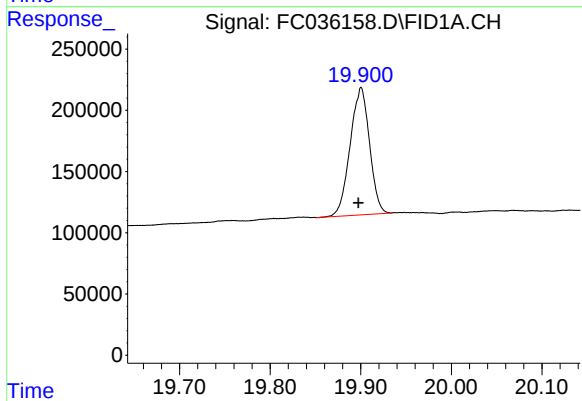
#18 n-Dotriacontane (C32)

R.T.: 18.382 min
Delta R.T.: 0.000 min
Response: 1660917
Conc: 17.59 ug/ml



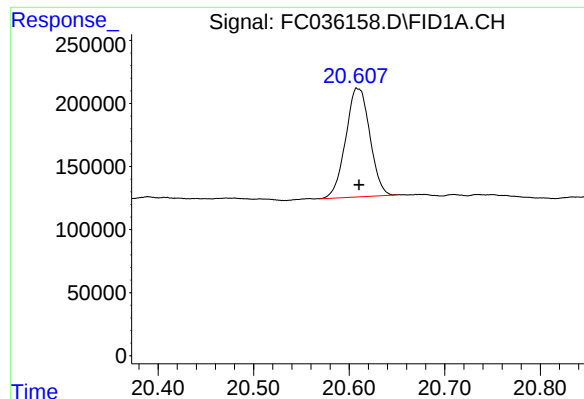
#19 n-Tetratriacontane (C34)

R.T.: 19.163 min
Delta R.T.: 0.000 min
Response: 1610857
Conc: 18.19 ug/ml



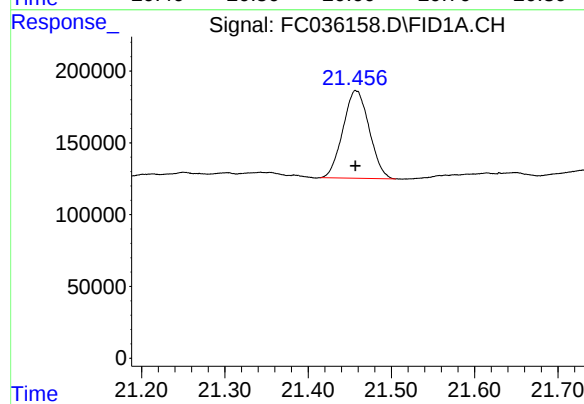
#20 n-Hexatriacontane (C36)

R.T.: 19.900 min
Delta R.T.: 0.003 min
Response: 1543834
Conc: 18.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.607 min
Delta R.T.: -0.003 min
Response: 1513004
Conc: 18.14 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.456 min
Delta R.T.: 0.000 min
Response: 1335949
Conc: 15.91 ug/ml m