

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102418AL\
 Data File : FC037080.D
 Signal(s) : FID1A.CH
 Acq On : 25 Oct 2018 2:04
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 25 05:55:54 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101718.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 19 15:53:26 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)	11.362	2093254	23.591 ug/ml
Spiked Amount 50.000		Recovery =	47.18%
12) S 1-chlorooctadecane (S...	12.803	1448886	22.809 ug/ml
Spiked Amount 50.000		Recovery =	45.62%
Target Compounds			
1) T n-Nonane (C9)	3.175	1433185	19.502 ug/ml
2) T n-Decane (C10)	4.240	1490581	20.477 ug/ml
3) T A-Naphthalene (C11.7)	5.809	1901049	22.787 ug/ml
4) T n-Dodecane (C12)	6.250	1577908	21.840 ug/ml
5) T A~2-methylnaphthalene...	6.859	1951957	23.574 ug/ml
6) T n-Tetradecane (C14)	8.034	1639030	22.676 ug/ml
7) T n-Hexadecane (C16)	9.626	1667632	22.857 ug/ml
8) T n-Octadecane (C18)	11.061	1687924	22.918 ug/ml
10) T n-Eicosane (C20)	12.364	1676293	22.929 ug/ml
11) T n-Heneicosane (C21)	12.972	1652119	23.070 ug/ml
13) T n-Docosane (C22)	13.556	1635696	22.945 ug/mlm
14) T n-Tetracosane (C24)	14.655	1640071	23.133 ug/ml
15) T n-Hexacosane (C26)	15.673	1618575	22.930 ug/ml
16) T n-Octacosane (C28)	16.620	1616118	22.642 ug/mlm
17) T n-Tricontane (C30)	17.504	1603161	21.111 ug/mlm
18) T n-Dotriacontane (C32)	18.333	1597085	19.920 ug/mlm
19) T n-Tetratriacontane (C34)	19.112	1536441	21.446 ug/mlm
20) T n-Hexatriacontane (C36)	19.853	1464937	21.399 ug/mlm
21) T n-Octatriacontane (C38)	20.558	1413538	21.328 ug/mlm
22) T n-Tetracontane (C40)	21.388	1416327	21.299 ug/mlm

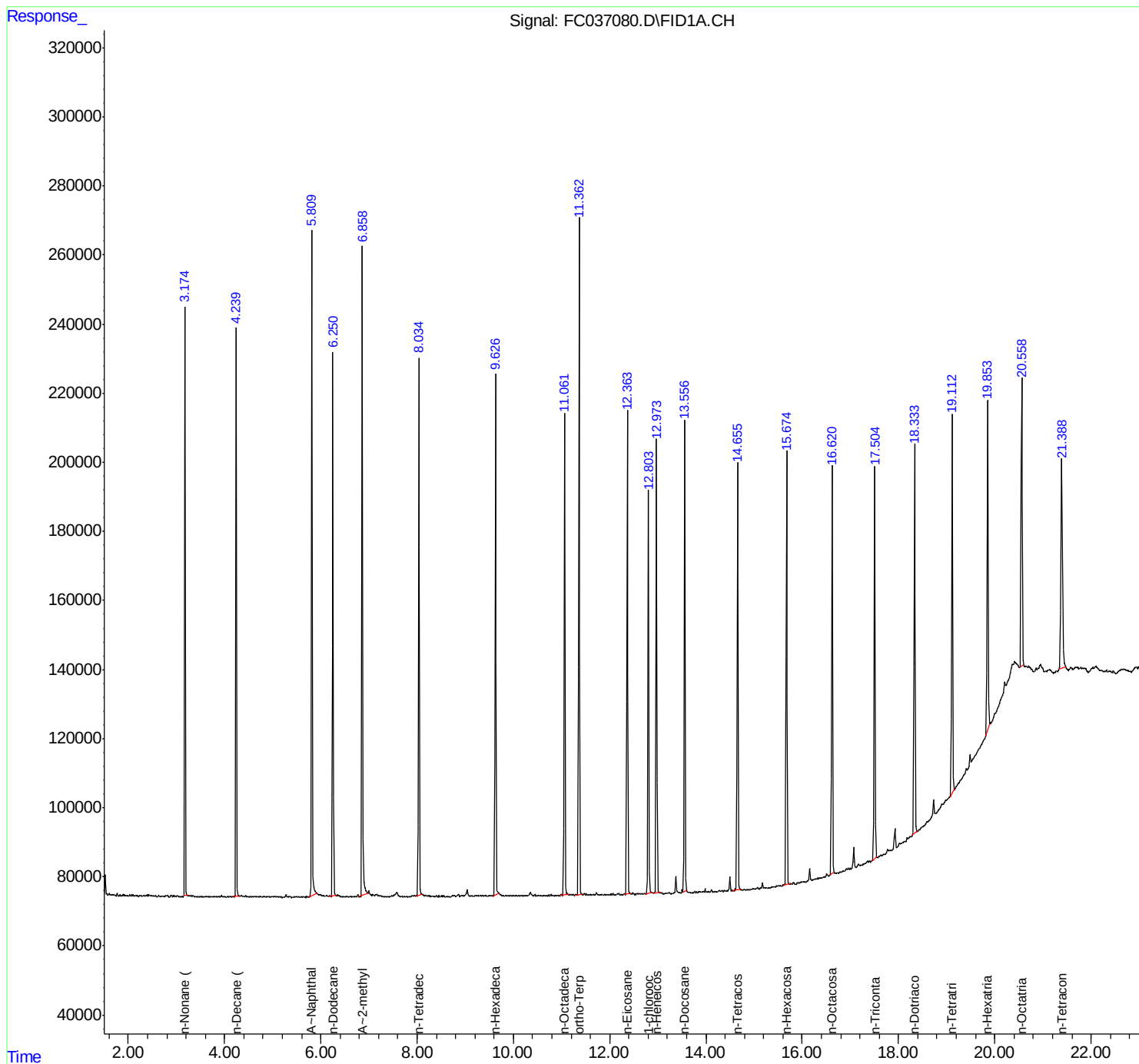
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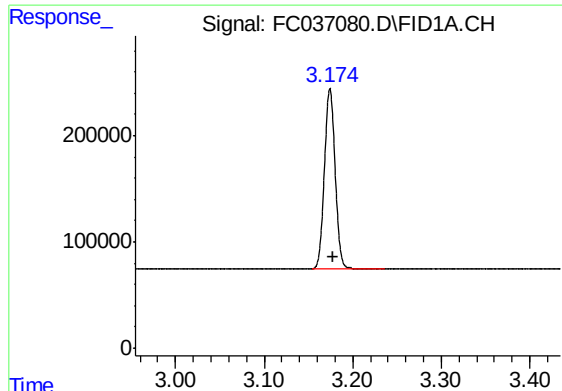
(m)=manual int.

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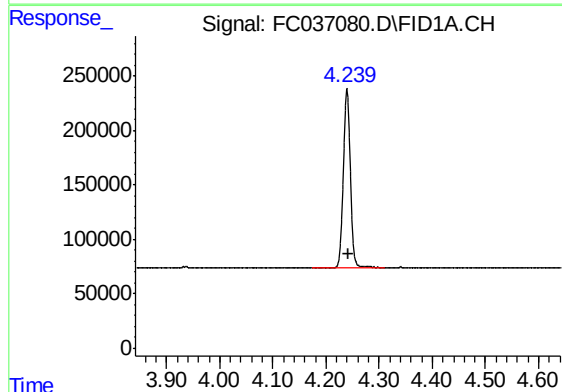
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Signal Info : 20M x 0.18mm x 0.18um





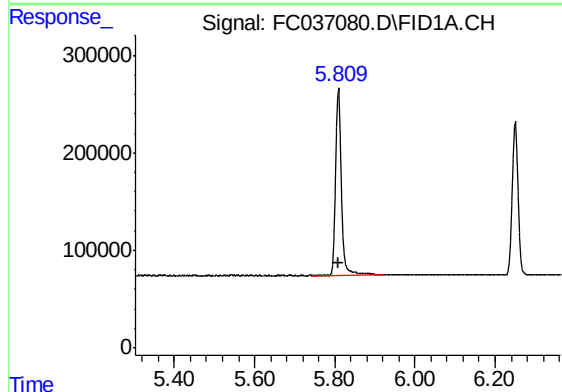
#1 n-Nonane (C9)

R.T.: 3.175 min
Delta R.T.: -0.003 min
Response: 1433185
Conc: 19.50 ug/ml



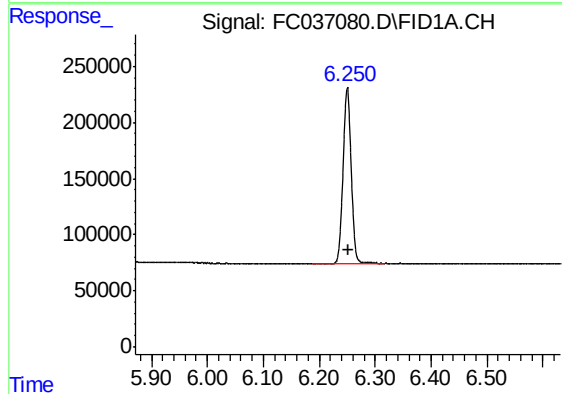
#2 n-Decane (C10)

R.T.: 4.240 min
Delta R.T.: -0.002 min
Response: 1490581
Conc: 20.48 ug/ml



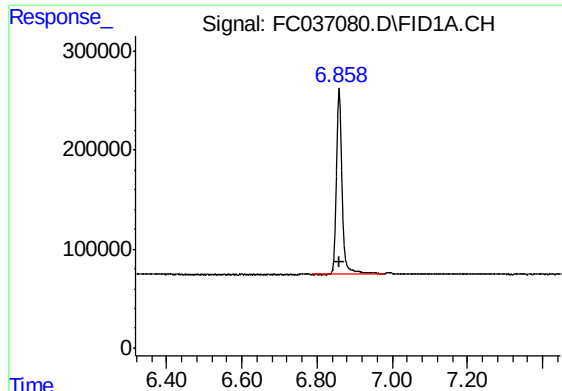
#3 A~Naphthalene (C11.7)

R.T.: 5.809 min
Delta R.T.: -0.001 min
Response: 1901049
Conc: 22.79 ug/ml



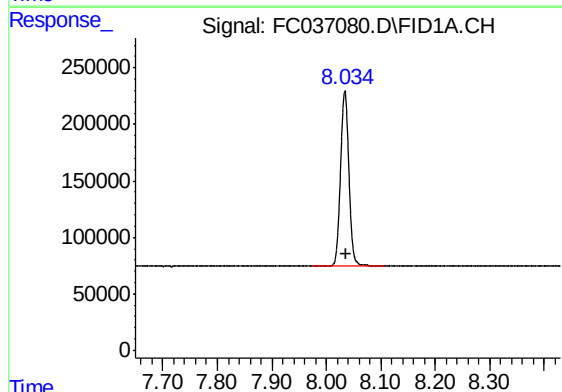
#4 n-Dodecane (C12)

R.T.: 6.250 min
Delta R.T.: -0.001 min
Response: 1577908
Conc: 21.84 ug/ml



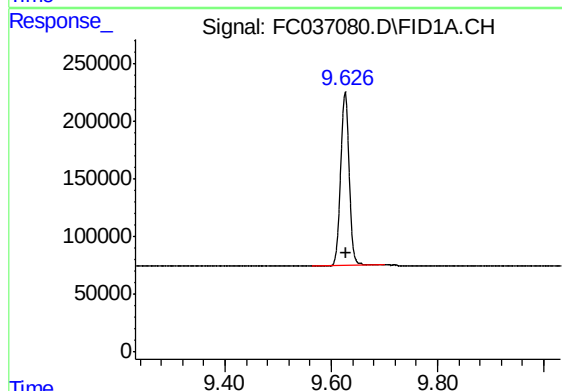
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: -0.001 min
Response: 1951957
Conc: 23.57 ug/ml



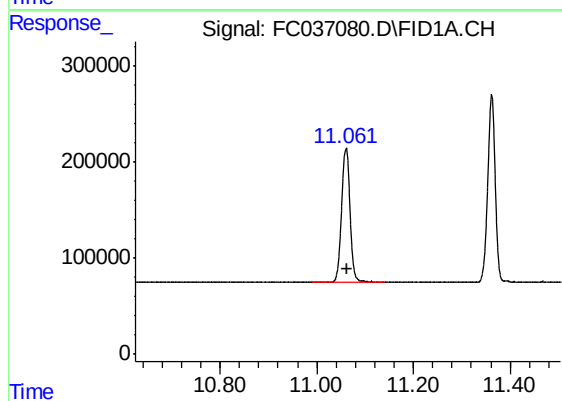
#6 n-Tetradecane (C14)

R.T.: 8.034 min
Delta R.T.: -0.002 min
Response: 1639030
Conc: 22.68 ug/ml



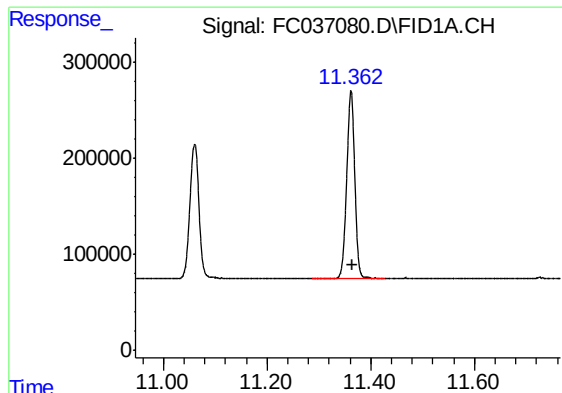
#7 n-Hexadecane (C16)

R.T.: 9.626 min
Delta R.T.: -0.001 min
Response: 1667632
Conc: 22.86 ug/ml



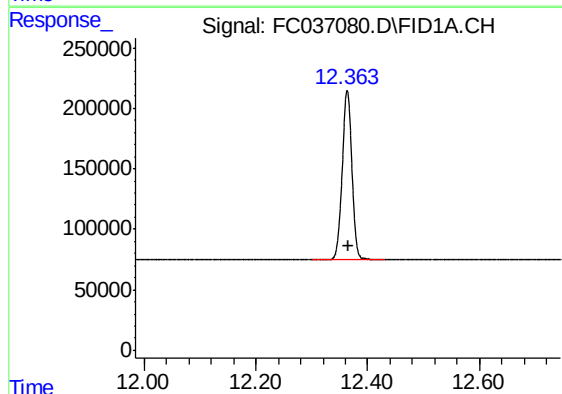
#8 n-Octadecane (C18)

R.T.: 11.061 min
Delta R.T.: -0.002 min
Response: 1687924
Conc: 22.92 ug/ml



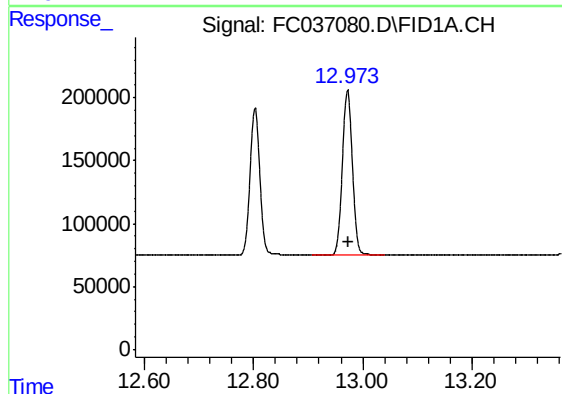
#9 ortho-Terphenyl (SURR)

R.T.: 11.362 min
Delta R.T.: -0.002 min
Response: 2093254
Conc: 23.59 ug/ml



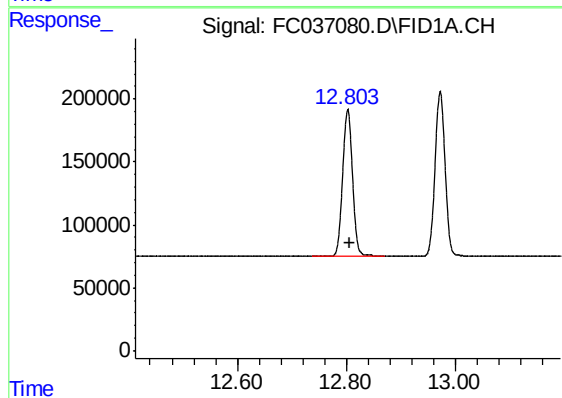
#10 n-Eicosane (C20)

R.T.: 12.364 min
Delta R.T.: -0.002 min
Response: 1676293
Conc: 22.93 ug/ml



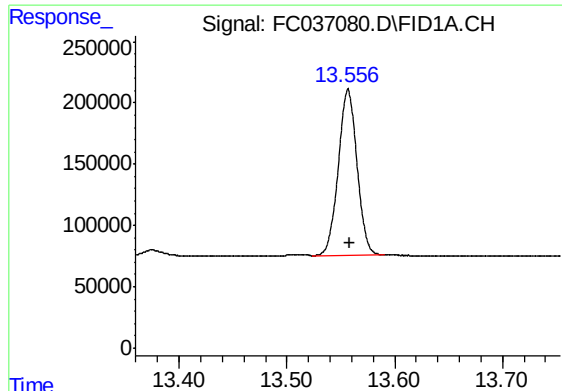
#11 n-Heneicosane (C21)

R.T.: 12.972 min
Delta R.T.: -0.003 min
Response: 1652119
Conc: 23.07 ug/ml



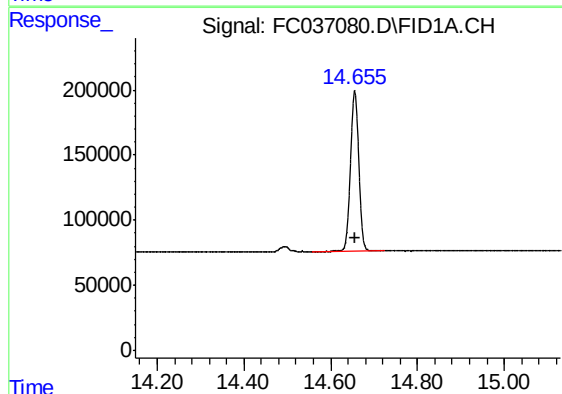
#12 1-chlorooctadecane (SURR)

R.T.: 12.803 min
Delta R.T.: -0.003 min
Response: 1448886
Conc: 22.81 ug/ml



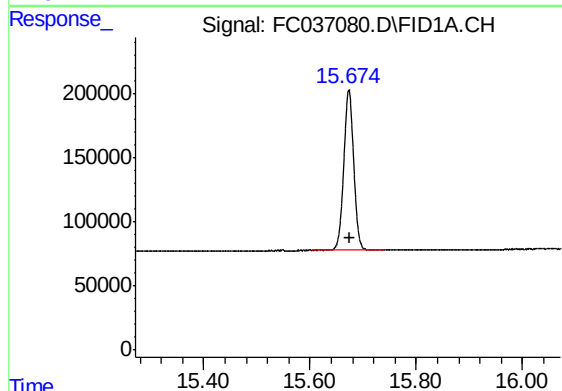
#13 n-Docosane (C22)

R.T.: 13.556 min
Delta R.T.: -0.002 min
Response: 1635696
Conc: 22.95 ug/ml m



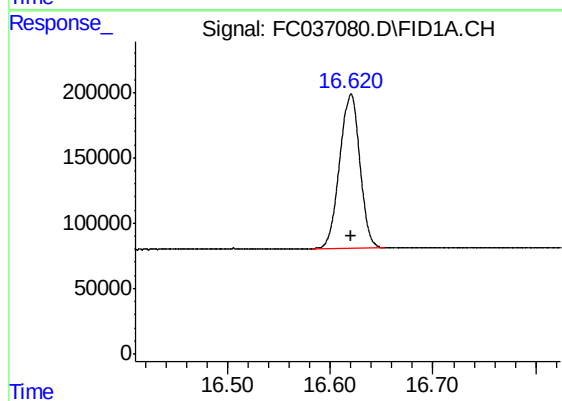
#14 n-Tetracosane (C24)

R.T.: 14.655 min
Delta R.T.: 0.000 min
Response: 1640071
Conc: 23.13 ug/ml



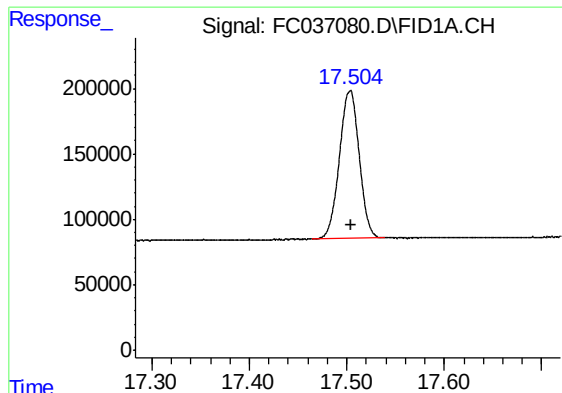
#15 n-Hexacosane (C26)

R.T.: 15.673 min
Delta R.T.: 0.000 min
Response: 1618575
Conc: 22.93 ug/ml



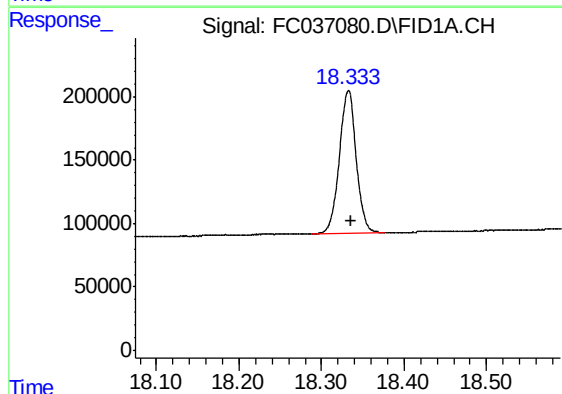
#16 n-Octacosane (C28)

R.T.: 16.620 min
Delta R.T.: 0.000 min
Response: 1616118
Conc: 22.64 ug/ml m



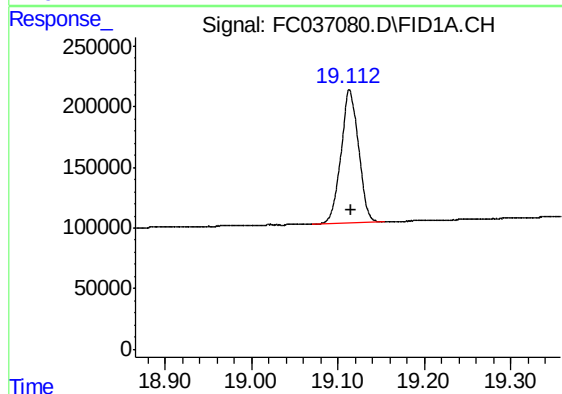
#17 n-Tricontane (C30)

R.T.: 17.504 min
Delta R.T.: 0.000 min
Response: 1603161
Conc: 21.11 ug/ml m



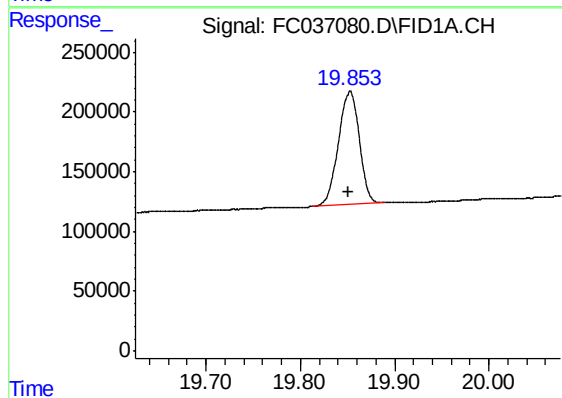
#18 n-Dotriacontane (C32)

R.T.: 18.333 min
Delta R.T.: -0.003 min
Response: 1597085
Conc: 19.92 ug/ml m



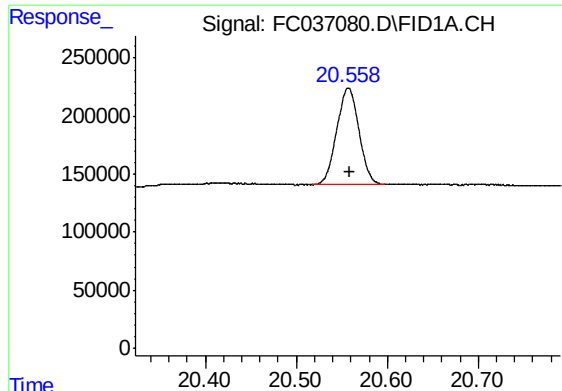
#19 n-Tetatriacontane (C34)

R.T.: 19.112 min
Delta R.T.: -0.003 min
Response: 1536441
Conc: 21.45 ug/ml m



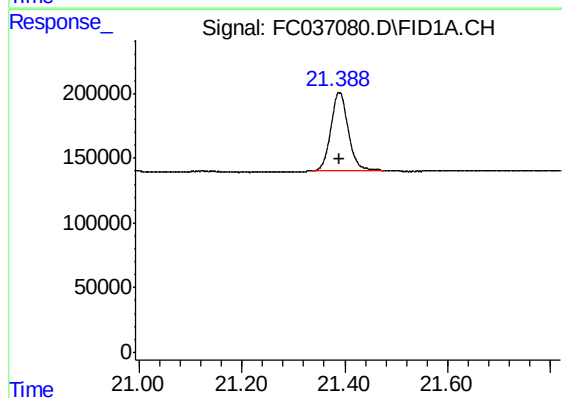
#20 n-Hexatriacontane (C36)

R.T.: 19.853 min
Delta R.T.: 0.001 min
Response: 1464937
Conc: 21.40 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.558 min
Delta R.T.: 0.000 min
Response: 1413538
Conc: 21.33 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.388 min
Delta R.T.: 0.000 min
Response: 1416327
Conc: 21.30 ug/ml m