

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC123119AL\
 Data File : FC045150.D
 Signal(s) : FID1A.CH
 Acq On : 31 Dec 2019 12:38
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 31 13:04:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122319.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 03:02:13 2019
 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)	11.764	2360427	20.812 ug/ml
Spiked Amount 50.000		Recovery =	41.62%
12) S 1-chlorooctadecane (S...	13.186	1840279	20.639 ug/ml
Spiked Amount 50.000		Recovery =	41.28%
Target Compounds			
1) T n-Nonane (C9)	3.514	2065290	20.510 ug/ml
2) T n-Decane (C10)	4.587	2132882	21.143 ug/ml
3) T A~Naphthalene (C11.7)	6.189	2374418	21.189 ug/ml
4) T n-Dodecane (C12)	6.605	2175891	21.377 ug/ml
5) T A~2-methylnaphthalene...	7.244	2408673	21.370 ug/ml
6) T n-Tetradecane (C14)	8.397	2189016	21.477 ug/ml
7) T n-Hexadecane (C16)	9.994	2205306	21.420 ug/ml
8) T n-Octadecane (C18)	11.432	2210139	21.252 ug/ml
10) T n-Eicosane (C20)	12.739	2195195	20.982 ug/ml
11) T n-Heneicosane (C21)	13.350	2190748	20.714 ug/ml
13) T n-Docosane (C22)	13.935	2179840	20.617 ug/ml
14) T n-Tetracosane (C24)	15.036	2128213	19.919 ug/ml
15) T n-Hexacosane (C26)	16.055	2072355	19.431 ug/ml
16) T n-Octacosane (C28)	17.003	2012608	19.057 ug/ml
17) T n-Tricontane (C30)	17.890	1931354	18.946 ug/ml
18) T n-Dotriacontane (C32)	18.719	1639553	18.952 ug/ml
19) T n-Tetratriacontane (C34)	19.500	1361468	18.585 ug/ml
20) T n-Hexatriacontane (C36)	20.238	1222258	18.599 ug/ml
21) T n-Octatriacontane (C38)	21.006	1117547	18.922 ug/ml
22) T n-Tetracontane (C40)	21.976	1132190	19.144 ug/ml

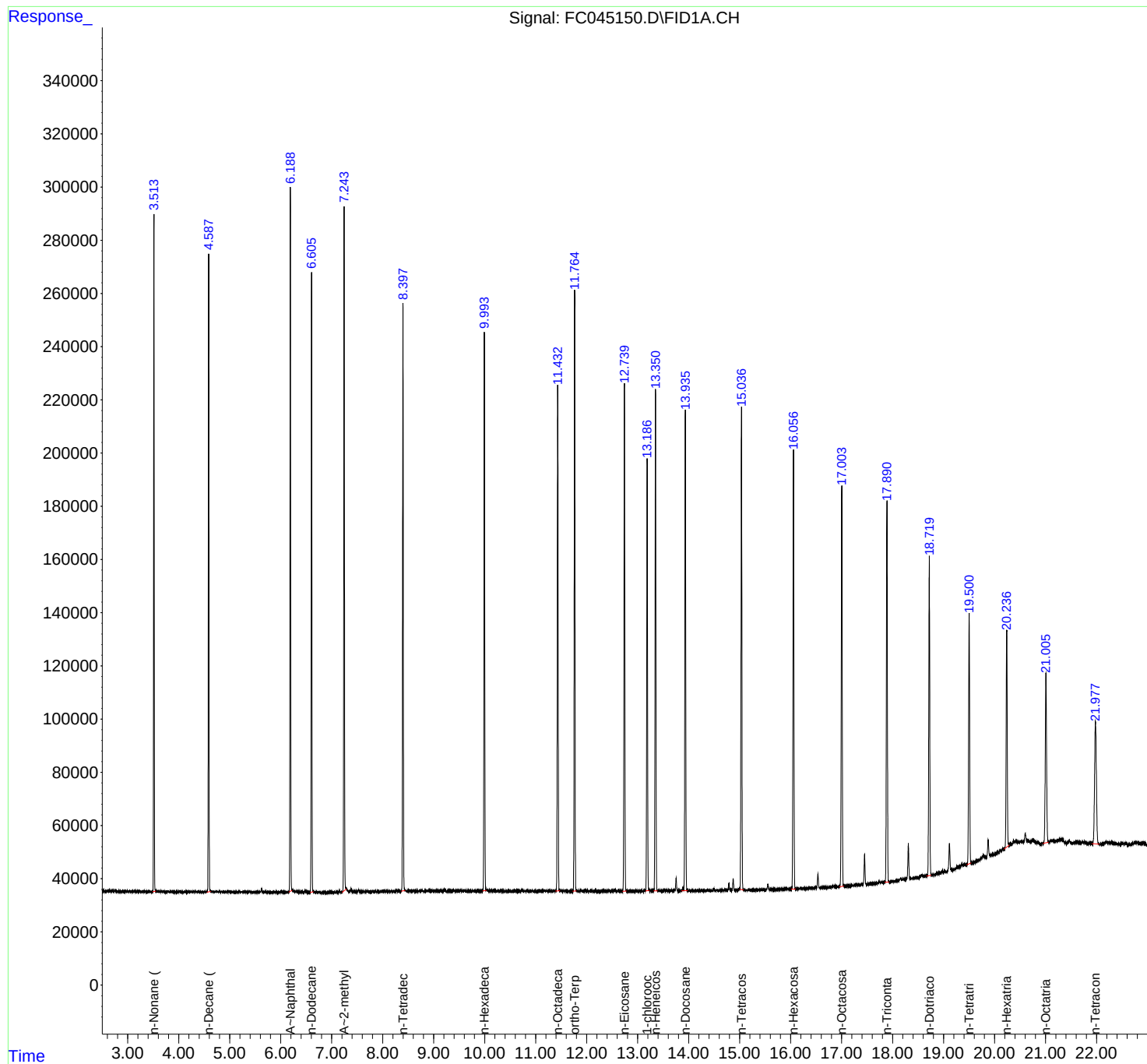
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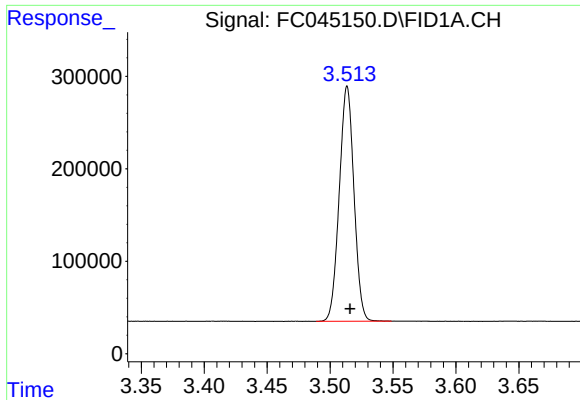
(m)=manual int.

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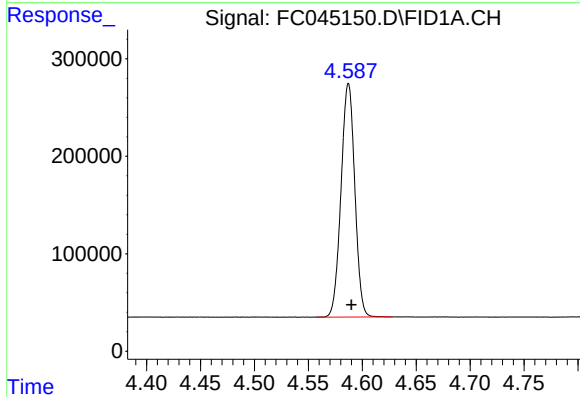
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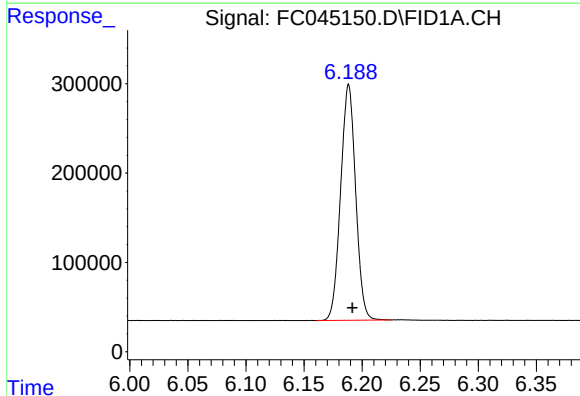
#1 n-Nonane (C9)

R.T.: 3.514 min
Delta R.T.: -0.002 min
Response: 2065290
Conc: 20.51 ug/ml



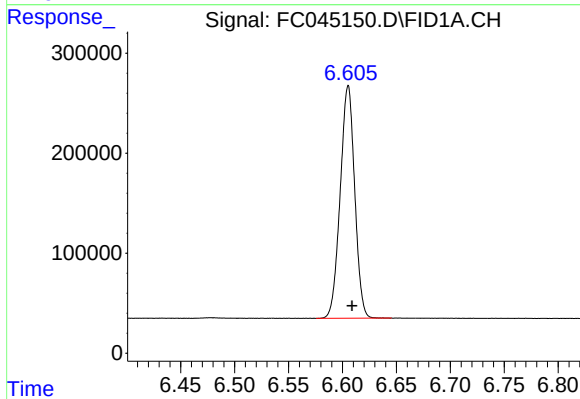
#2 n-Decane (C10)

R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 2132882
Conc: 21.14 ug/ml



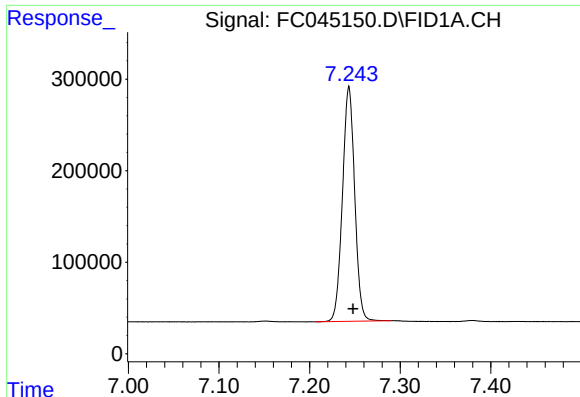
#3 A~Naphthalene (C11.7)

R.T.: 6.189 min
Delta R.T.: -0.003 min
Response: 2374418
Conc: 21.19 ug/ml



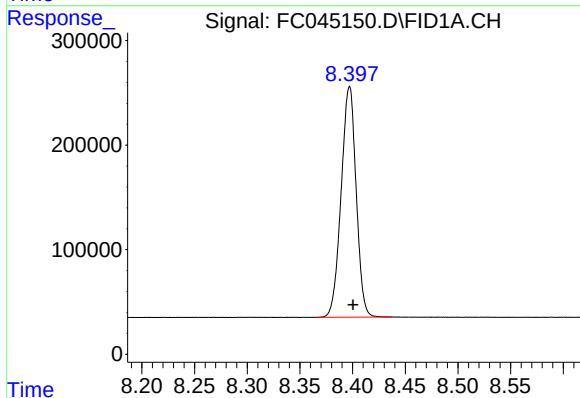
#4 n-Dodecane (C12)

R.T.: 6.605 min
Delta R.T.: -0.004 min
Response: 2175891
Conc: 21.38 ug/ml



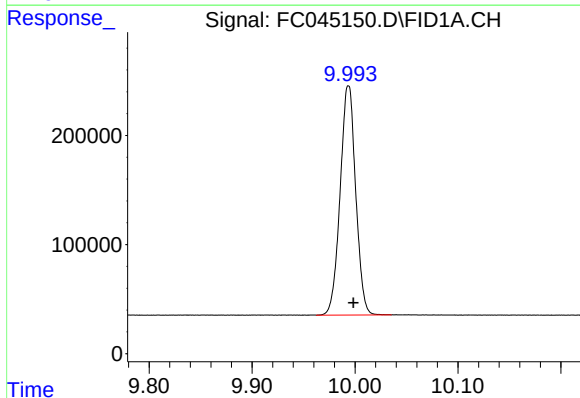
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.244 min
Delta R.T.: -0.005 min
Response: 2408673
Conc: 21.37 ug/ml



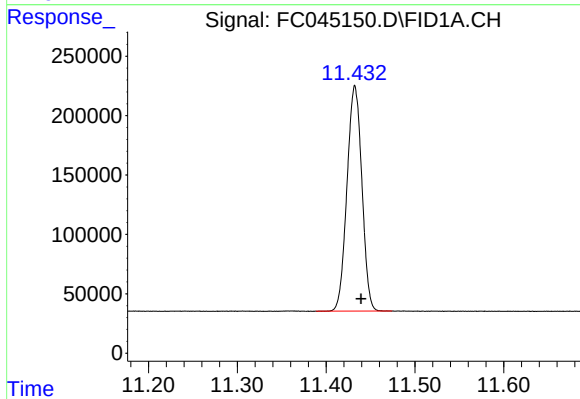
#6 n-Tetradecane (C14)

R.T.: 8.397 min
Delta R.T.: -0.003 min
Response: 2189016
Conc: 21.48 ug/ml



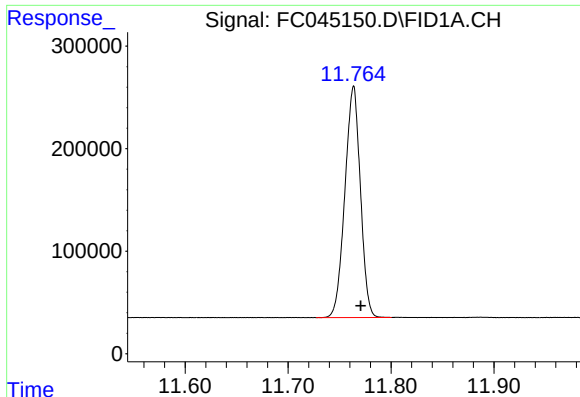
#7 n-Hexadecane (C16)

R.T.: 9.994 min
Delta R.T.: -0.005 min
Response: 2205306
Conc: 21.42 ug/ml



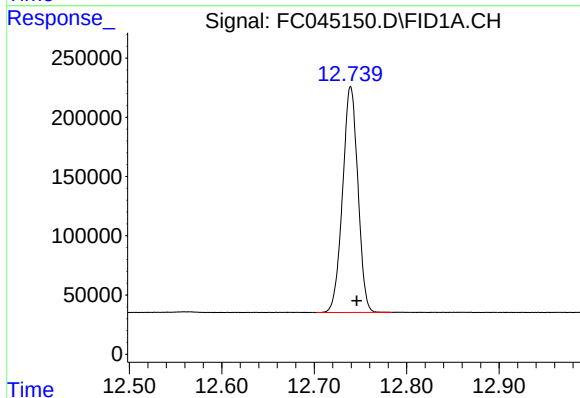
#8 n-Octadecane (C18)

R.T.: 11.432 min
Delta R.T.: -0.007 min
Response: 2210139
Conc: 21.25 ug/ml



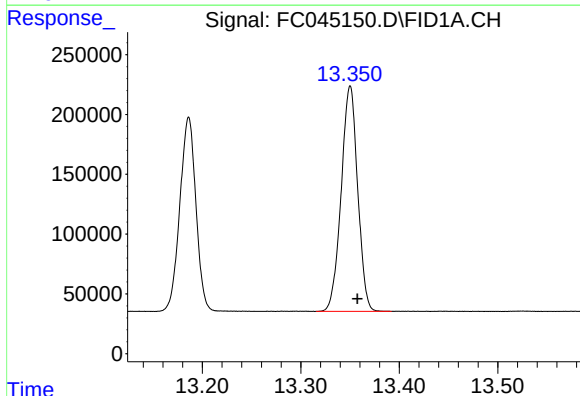
#9 ortho-Terphenyl (SURR)

R.T.: 11.764 min
Delta R.T.: -0.007 min
Response: 2360427
Conc: 20.81 ug/ml



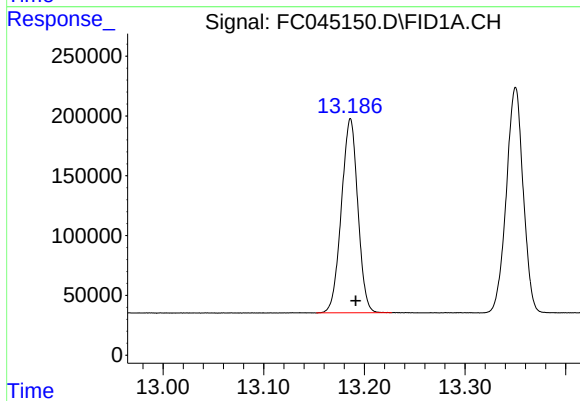
#10 n-Eicosane (C20)

R.T.: 12.739 min
Delta R.T.: -0.007 min
Response: 2195195
Conc: 20.98 ug/ml



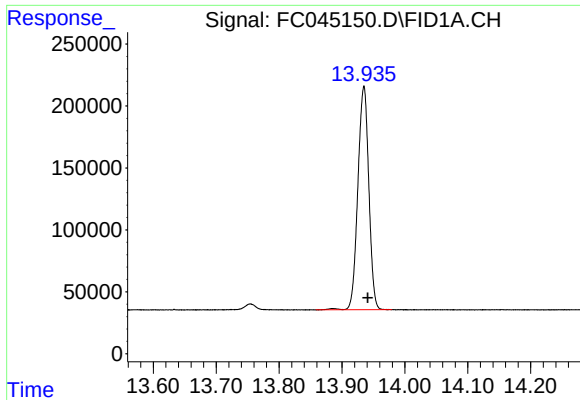
#11 n-Heneicosane (C21)

R.T.: 13.350 min
Delta R.T.: -0.007 min
Response: 2190748
Conc: 20.71 ug/ml



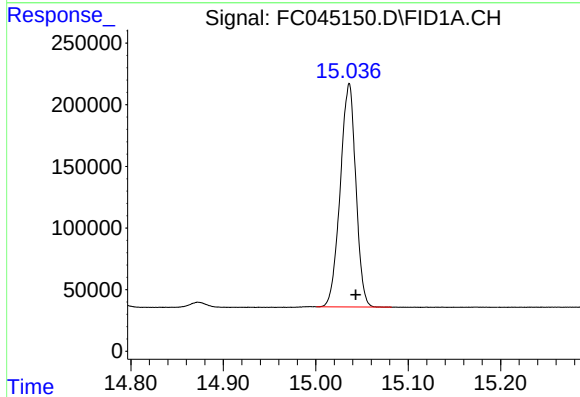
#12 1-chlorooctadecane (SURR)

R.T.: 13.186 min
Delta R.T.: -0.005 min
Response: 1840279
Conc: 20.64 ug/ml



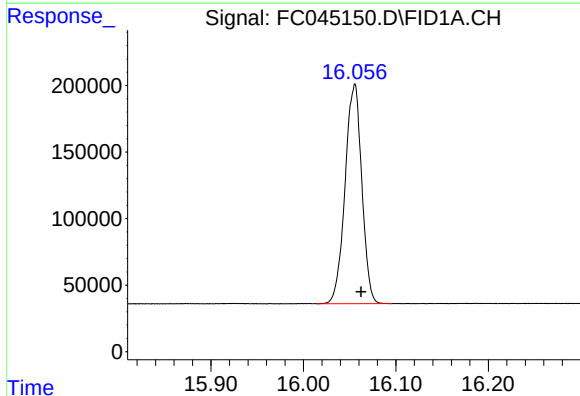
#13 n-Docosane (C22)

R.T.: 13.935 min
Delta R.T.: -0.006 min
Response: 2179840
Conc: 20.62 ug/ml



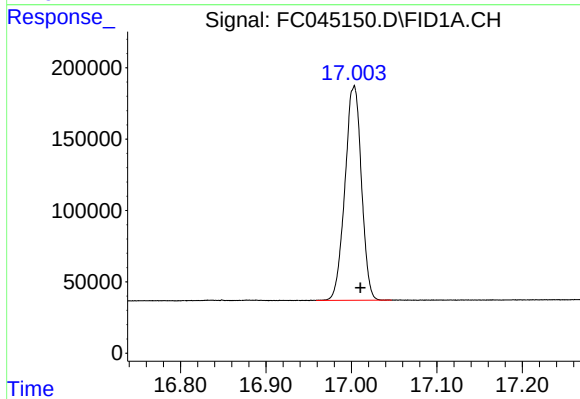
#14 n-Tetracosane (C24)

R.T.: 15.036 min
Delta R.T.: -0.007 min
Response: 2128213
Conc: 19.92 ug/ml



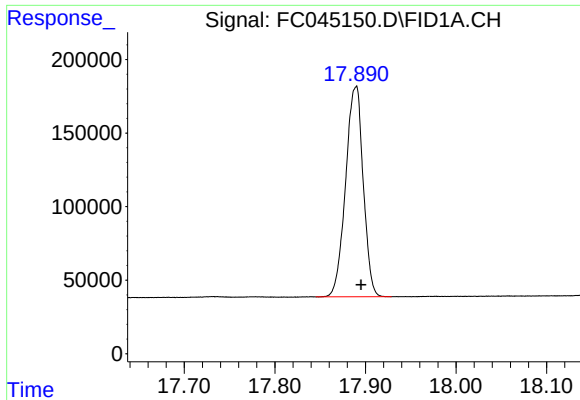
#15 n-Hexacosane (C26)

R.T.: 16.055 min
Delta R.T.: -0.007 min
Response: 2072355
Conc: 19.43 ug/ml



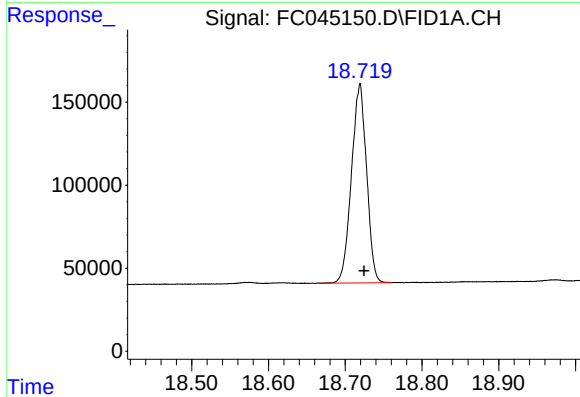
#16 n-Octacosane (C28)

R.T.: 17.003 min
Delta R.T.: -0.008 min
Response: 2012608
Conc: 19.06 ug/ml



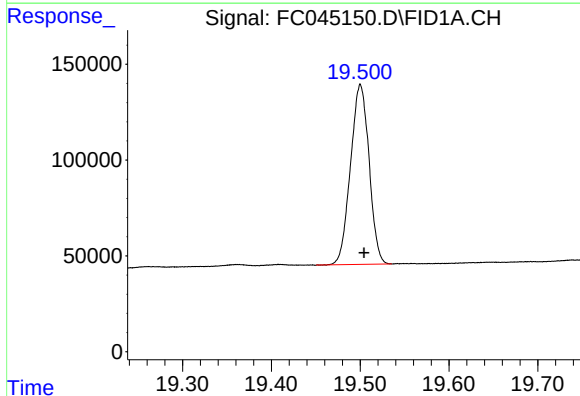
#17 n-Tricontane (C30)

R.T.: 17.890 min
Delta R.T.: -0.005 min
Response: 1931354
Conc: 18.95 ug/ml



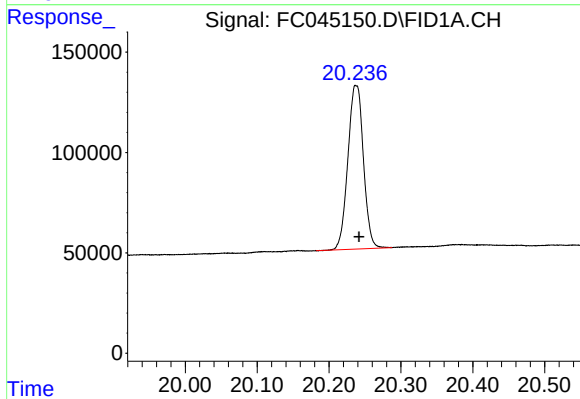
#18 n-Dotriacontane (C32)

R.T.: 18.719 min
Delta R.T.: -0.005 min
Response: 1639553
Conc: 18.95 ug/ml



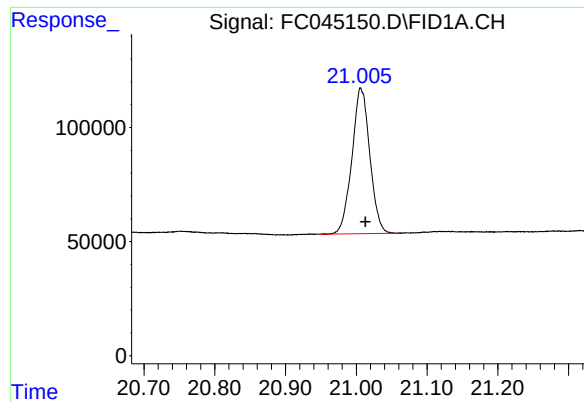
#19 n-Tetratriacontane (C34)

R.T.: 19.500 min
Delta R.T.: -0.004 min
Response: 1361468
Conc: 18.58 ug/ml



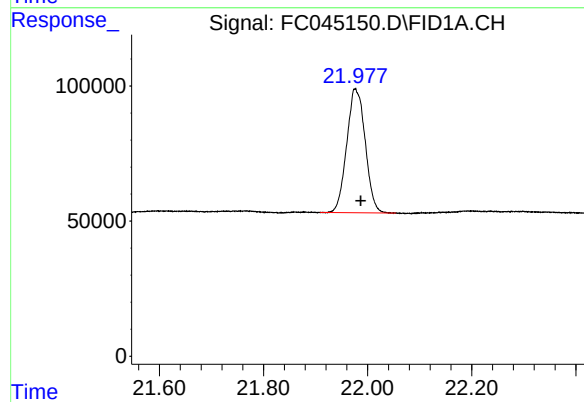
#20 n-Hexatriacontane (C36)

R.T.: 20.238 min
Delta R.T.: -0.004 min
Response: 1222258
Conc: 18.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.006 min
Delta R.T.: -0.007 min
Response: 1117547
Conc: 18.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.976 min
Delta R.T.: -0.011 min
Response: 1132190
Conc: 19.14 ug/ml