

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050620AL\
 Data File : FC047323.D
 Signal(s) : FID1A.CH
 Acq On : 07 May 2020 3:46
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 07 04:17:01 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042320.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 23 16:30:34 2020
 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)	11.750	2262487	20.332 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
12) S 1-chlorooctadecane (S...	13.163	1779169	19.922 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
Target Compounds			
1) T n-Nonane (C9)	3.550	2103656	21.789 ug/ml
2) T n-Decane (C10)	4.615	2116921	21.946 ug/ml
3) T A~Naphthalene (C11.7)	6.215	2192070	21.760 ug/ml
4) T n-Dodecane (C12)	6.617	2162594	21.995 ug/ml
5) T A~2-methylnaphthalene...	7.263	2190759	21.963 ug/ml
6) T n-Tetradecane (C14)	8.397	2163264	21.904 ug/ml
7) T n-Hexadecane (C16)	9.985	2164891	21.473 ug/ml
8) T n-Octadecane (C18)	11.417	2159514	20.918 ug/ml
10) T n-Eicosane (C20)	12.716	2124209	20.244 ug/ml
11) T n-Heneicosane (C21)	13.325	2126090	19.988 ug/ml
13) T n-Docosane (C22)	13.908	2094654	19.685 ug/ml
14) T n-Tetracosane (C24)	15.005	2094996	19.480 ug/ml
15) T n-Hexacosane (C26)	16.019	2025895	18.777 ug/ml
16) T n-Octacosane (C28)	16.964	1973262	18.462 ug/ml
17) T n-Tricontane (C30)	17.847	1841851	18.406 ug/ml
18) T n-Dotriacontane (C32)	18.674	1402917	18.411 ug/ml
19) T n-Tetratriacontane (C34)	19.453	1048407	18.657 ug/ml
20) T n-Hexatriacontane (C36)	20.189	904087	18.066 ug/ml
21) T n-Octatriacontane (C38)	20.947	862935	19.030 ug/mlm
22) T n-Tetracontane (C40)	21.894	915269	19.511 ug/mlm

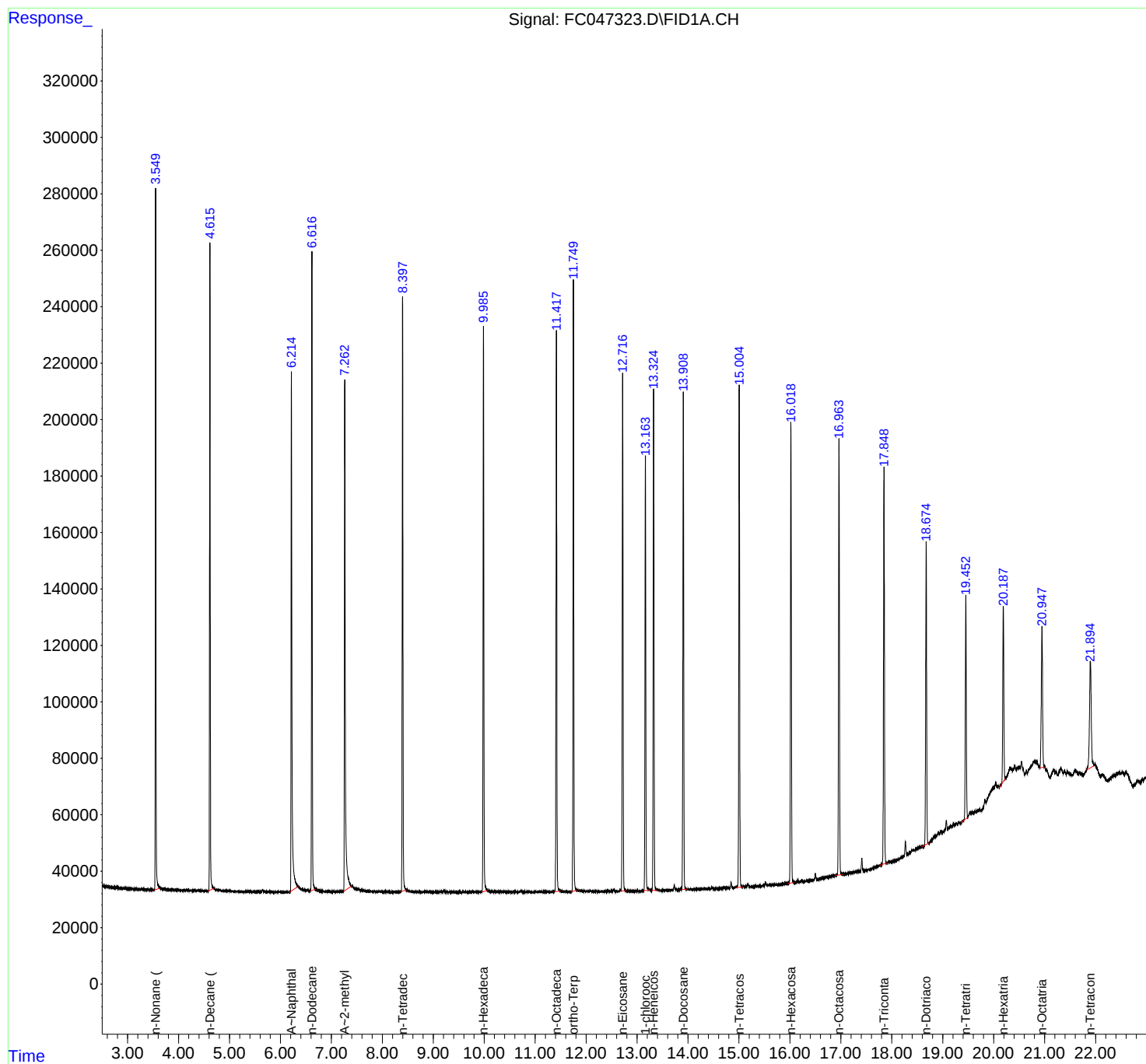
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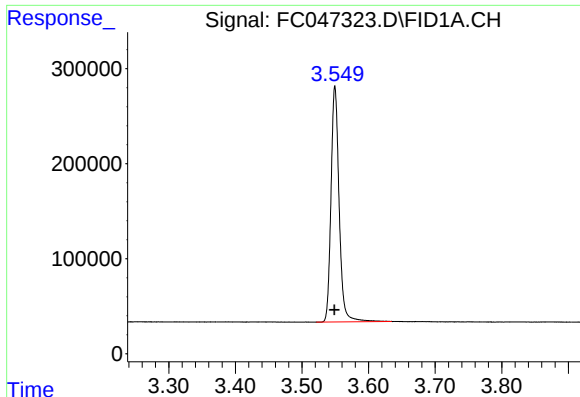
(m)=manual int.

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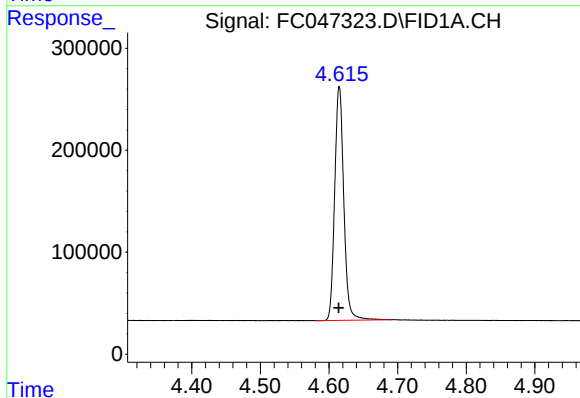
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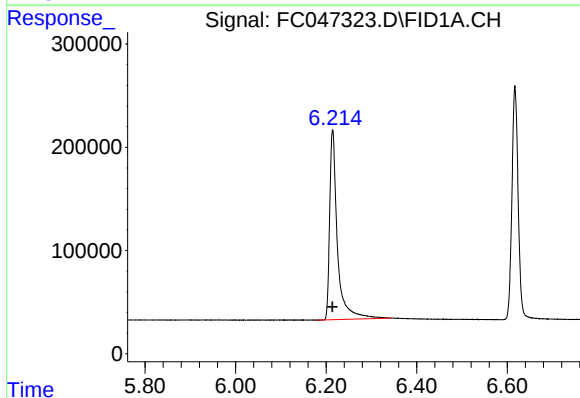
#1 n-Nonane (C9)

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 2103656
Conc: 21.79 ug/ml



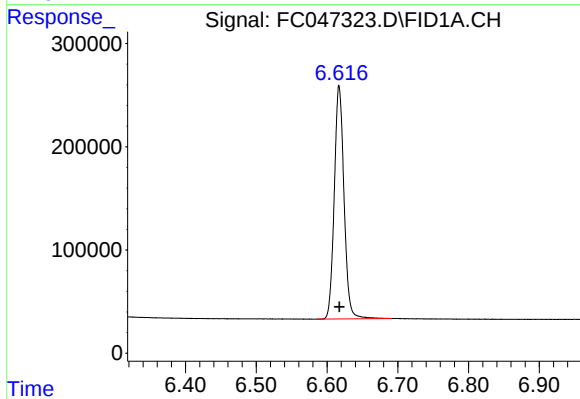
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 2116921
Conc: 21.95 ug/ml



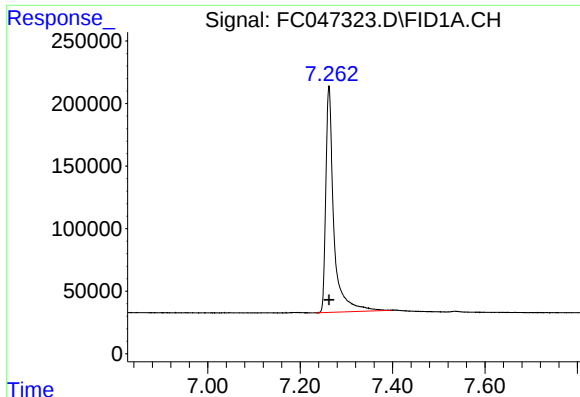
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: 0.001 min
Response: 2192070
Conc: 21.76 ug/ml



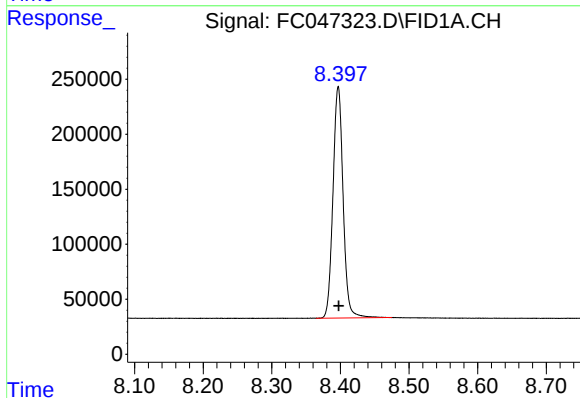
#4 n-Dodecane (C12)

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 2162594
Conc: 22.00 ug/ml



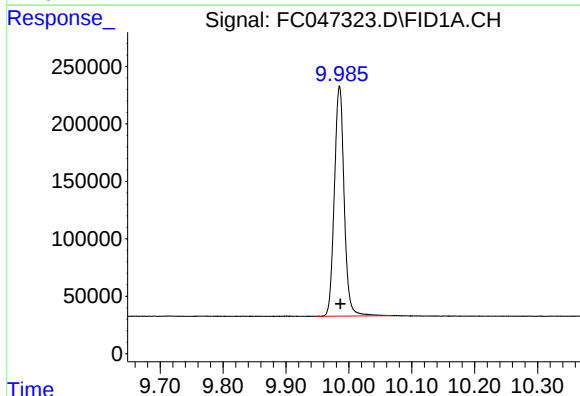
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.263 min
Delta R.T.: 0.000 min
Response: 2190759
Conc: 21.96 ug/ml



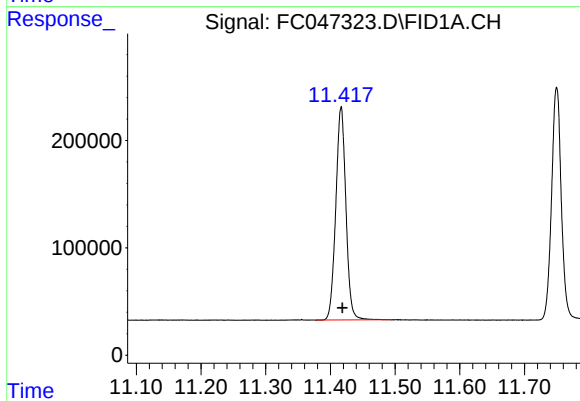
#6 n-Tetradecane (C14)

R.T.: 8.397 min
Delta R.T.: 0.000 min
Response: 2163264
Conc: 21.90 ug/ml



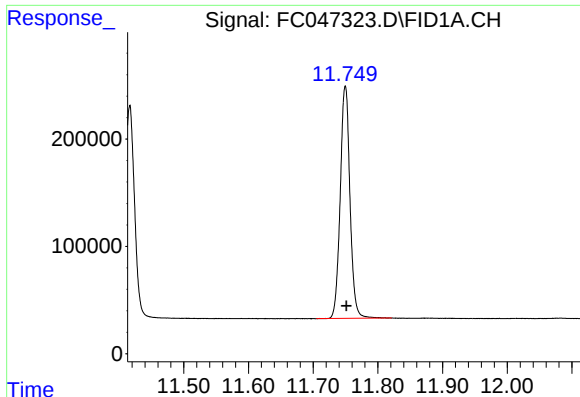
#7 n-Hexadecane (C16)

R.T.: 9.985 min
Delta R.T.: -0.001 min
Response: 2164891
Conc: 21.47 ug/ml



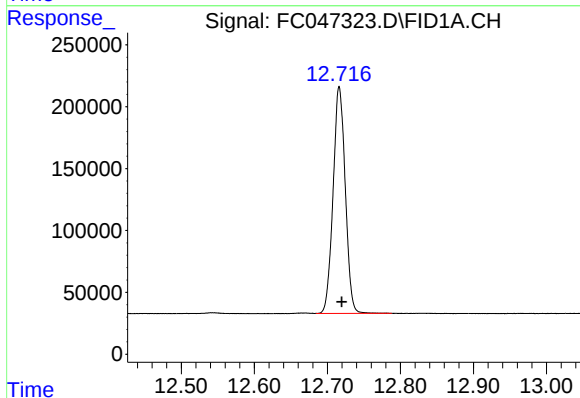
#8 n-Octadecane (C18)

R.T.: 11.417 min
Delta R.T.: -0.002 min
Response: 2159514
Conc: 20.92 ug/ml



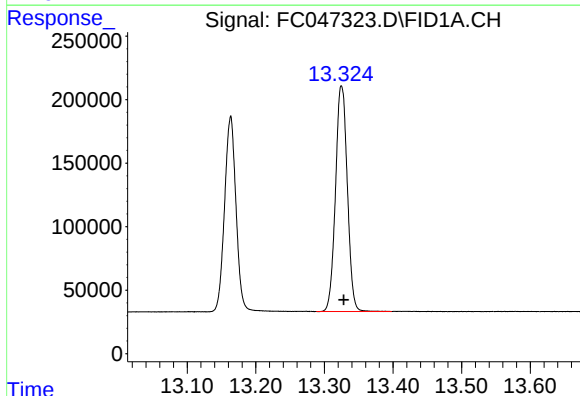
#9 ortho-Terphenyl (SURR)

R.T.: 11.750 min
Delta R.T.: -0.002 min
Response: 2262487
Conc: 20.33 ug/ml



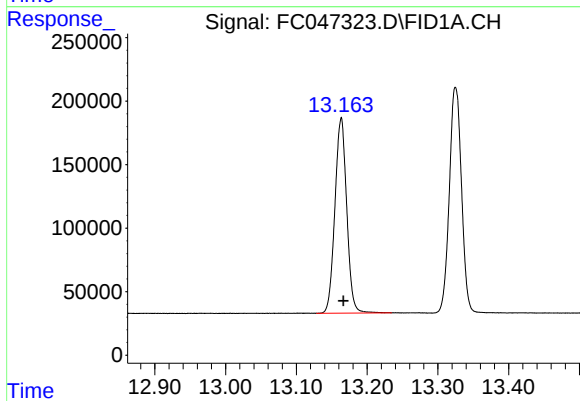
#10 n-Eicosane (C20)

R.T.: 12.716 min
Delta R.T.: -0.003 min
Response: 2124209
Conc: 20.24 ug/ml



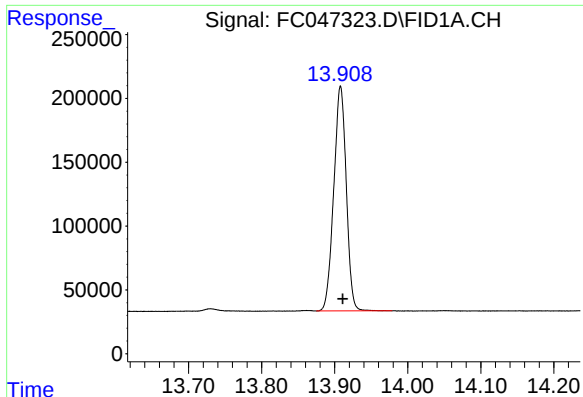
#11 n-Heneicosane (C21)

R.T.: 13.325 min
Delta R.T.: -0.003 min
Response: 2126090
Conc: 19.99 ug/ml



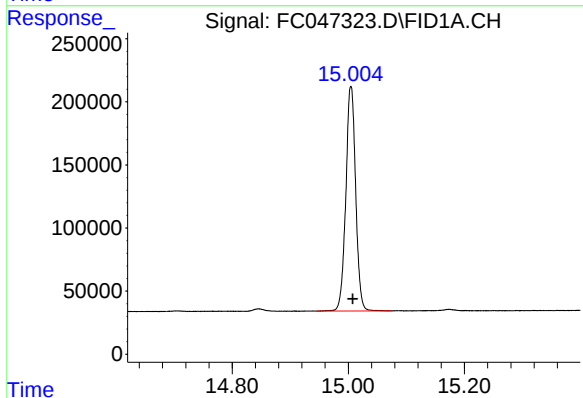
#12 1-chlorooctadecane (SURR)

R.T.: 13.163 min
Delta R.T.: -0.003 min
Response: 1779169
Conc: 19.92 ug/ml



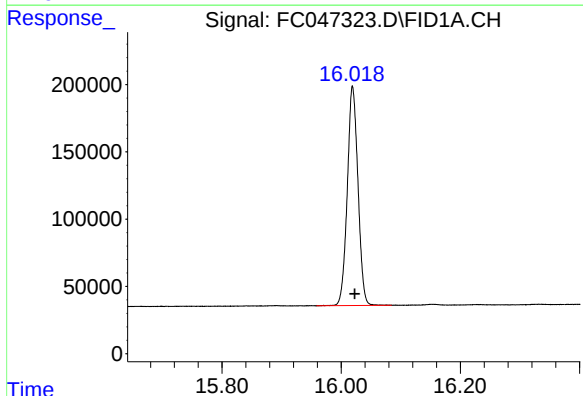
#13 n-Docosane (C22)

R.T.: 13.908 min
Delta R.T.: -0.003 min
Response: 2094654
Conc: 19.69 ug/ml



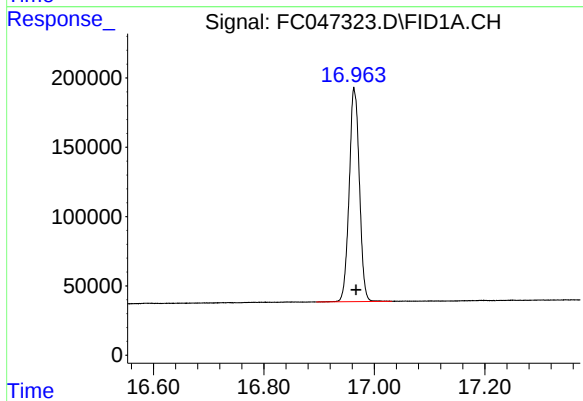
#14 n-Tetracosane (C24)

R.T.: 15.005 min
Delta R.T.: -0.003 min
Response: 2094996
Conc: 19.48 ug/ml



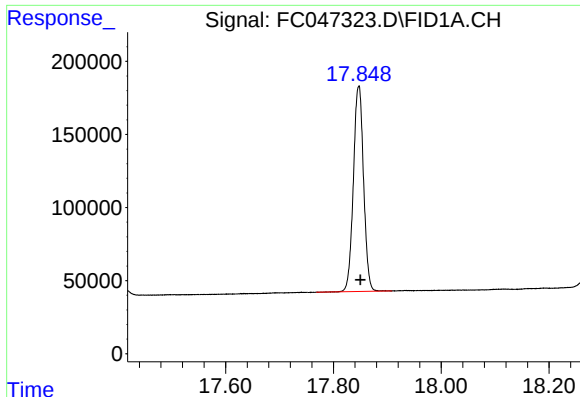
#15 n-Hexacosane (C26)

R.T.: 16.019 min
Delta R.T.: -0.004 min
Response: 2025895
Conc: 18.78 ug/ml



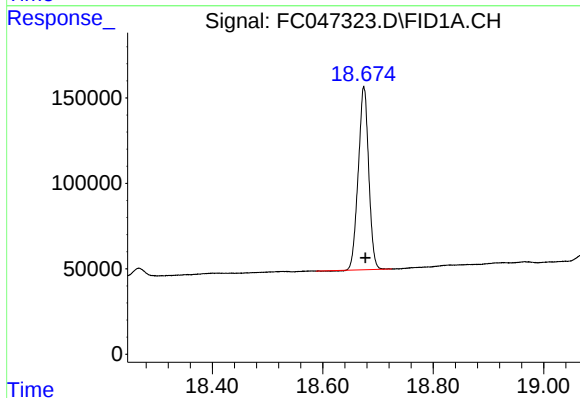
#16 n-Octacosane (C28)

R.T.: 16.964 min
Delta R.T.: -0.003 min
Response: 1973262
Conc: 18.46 ug/ml



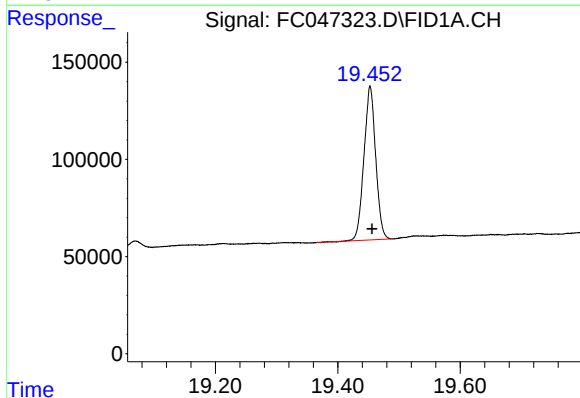
#17 n-Tricontane (C30)

R.T.: 17.847 min
Delta R.T.: -0.003 min
Response: 1841851
Conc: 18.41 ug/ml



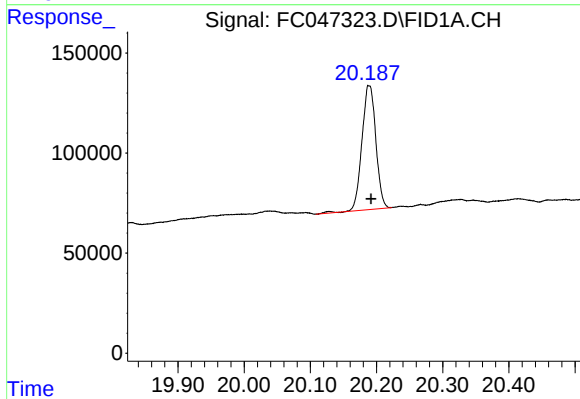
#18 n-Dotriacontane (C32)

R.T.: 18.674 min
Delta R.T.: -0.002 min
Response: 1402917
Conc: 18.41 ug/ml



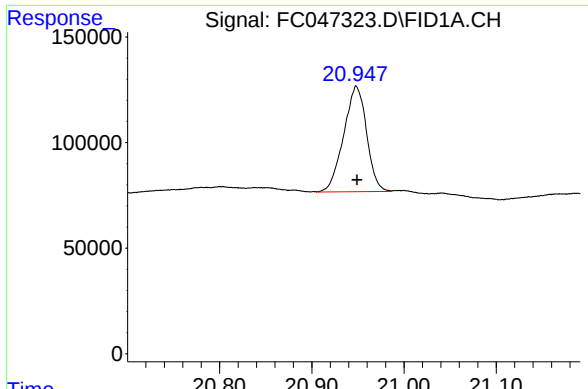
#19 n-Tetratriacontane (C34)

R.T.: 19.453 min
Delta R.T.: -0.003 min
Response: 1048407
Conc: 18.66 ug/ml



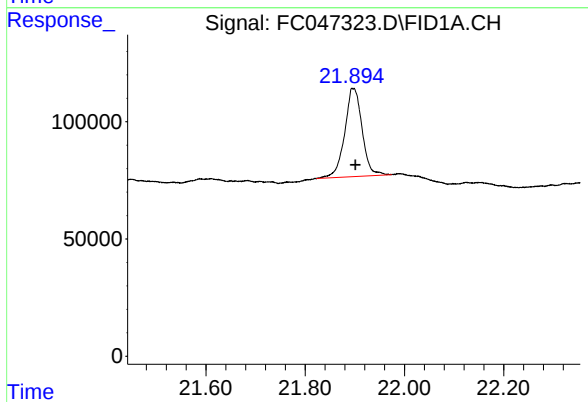
#20 n-Hexatriacontane (C36)

R.T.: 20.189 min
Delta R.T.: -0.003 min
Response: 904087
Conc: 18.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.947 min
Delta R.T.: -0.002 min
Response: 862935
Conc: 19.03 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.894 min
Delta R.T.: -0.007 min
Response: 915269
Conc: 19.51 ug/ml m