

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032620AL\
 Data File : FC046504.D
 Signal(s) : FID1A.CH
 Acq On : 27 Mar 2020 1:29
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 27 02:45:38 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 Qlast Update : Tue Mar 24 12:45:07 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)	11.760	2369665	21.677 ug/ml
Spiked Amount 50.000		Recovery =	43.35%
12) S 1-chlorooctadecane (S...	13.176	1850950	21.478 ug/ml
Spiked Amount 50.000		Recovery =	42.96%
Target Compounds			
1) T n-Nonane (C9)	3.540	2142897	22.313 ug/ml
2) T n-Decane (C10)	4.609	2177864	22.675 ug/ml
3) T A~Naphthalene (C11.7)	6.209	2282852	22.784 ug/ml
4) T n-Dodecane (C12)	6.617	2213701	22.679 ug/ml
5) T A~2-methylnaphthalene...	7.259	2326438	23.011 ug/ml
6) T n-Tetradecane (C14)	8.402	2212998	22.474 ug/ml
7) T n-Hexadecane (C16)	9.993	2218210	22.219 ug/ml
8) T n-Octadecane (C18)	11.428	2233276	22.003 ug/ml
10) T n-Eicosane (C20)	12.730	2219851	21.714 ug/ml
11) T n-Heneicosane (C21)	13.339	2208349	21.418 ug/ml
13) T n-Docosane (C22)	13.923	2209753	21.526 ug/ml
14) T n-Tetracosane (C24)	15.022	2222291	21.528 ug/ml
15) T n-Hexacosane (C26)	16.038	2157388	21.027 ug/ml
16) T n-Octacosane (C28)	16.983	2087679	20.513 ug/ml
17) T n-Tricontane (C30)	17.867	1975271	20.161 ug/ml
18) T n-Dotriacontane (C32)	18.695	1673702	19.963 ug/ml
19) T n-Tetratriacontane (C34)	19.475	1419550	19.813 ug/ml
20) T n-Hexatriacontane (C36)	20.210	1376930	19.655 ug/ml
21) T n-Octatriacontane (C38)	20.975	1273588	20.183 ug/ml
22) T n-Tetracontane (C40)	21.936	1431425	20.686 ug/ml

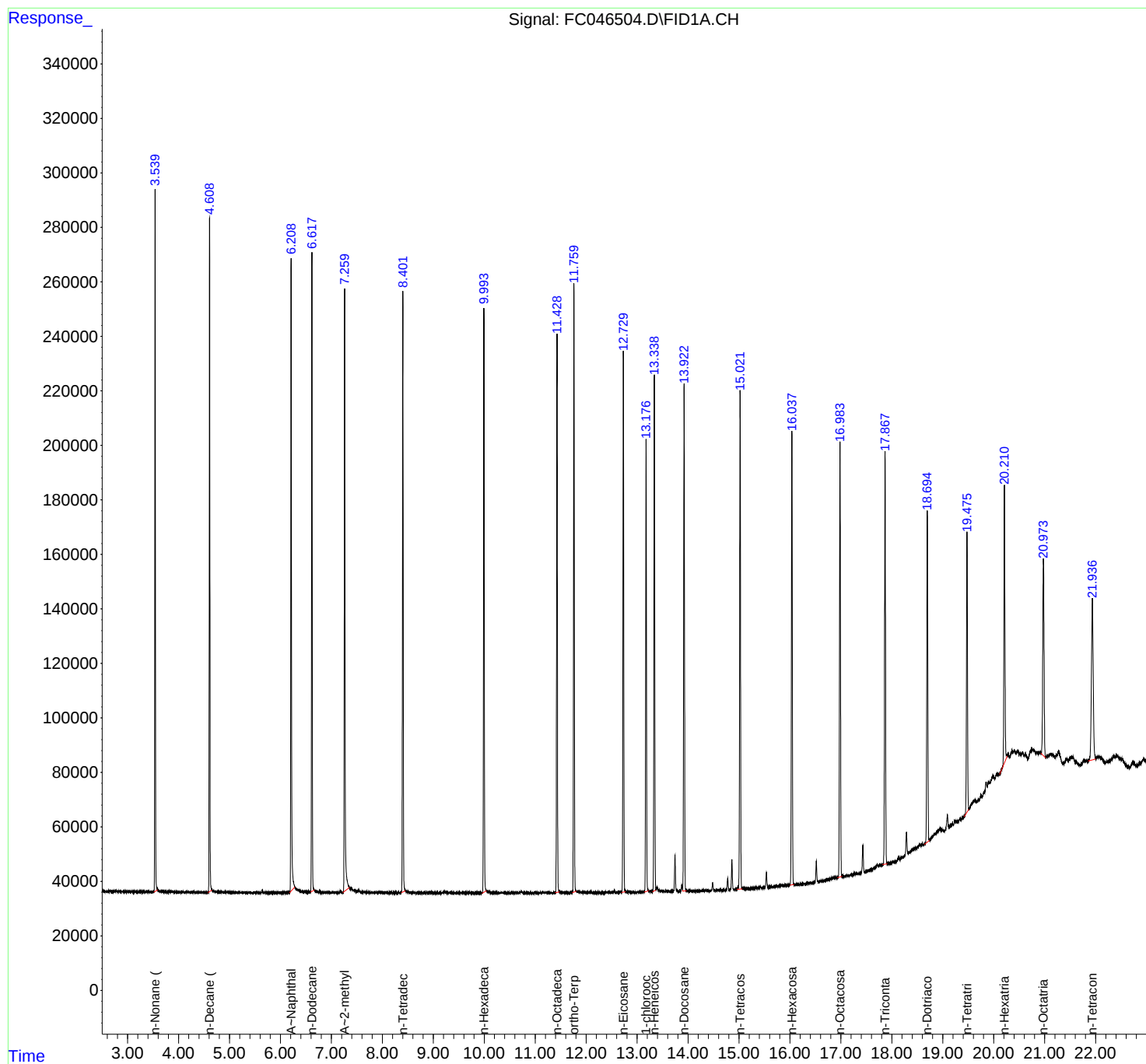
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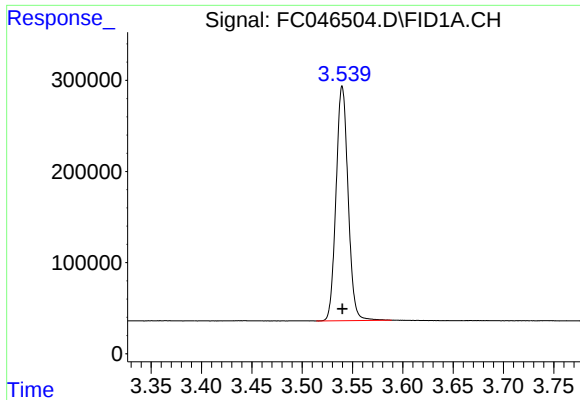
(m)=manual int.

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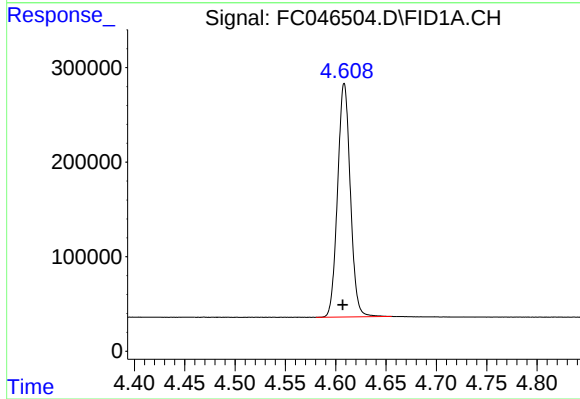
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





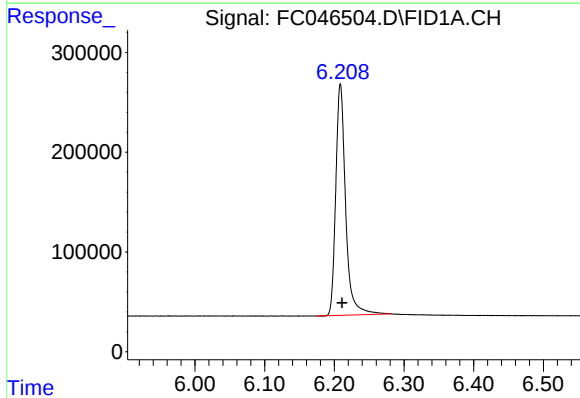
#1 n-Nonane (C9)

R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 2142897
Conc: 22.31 ug/ml



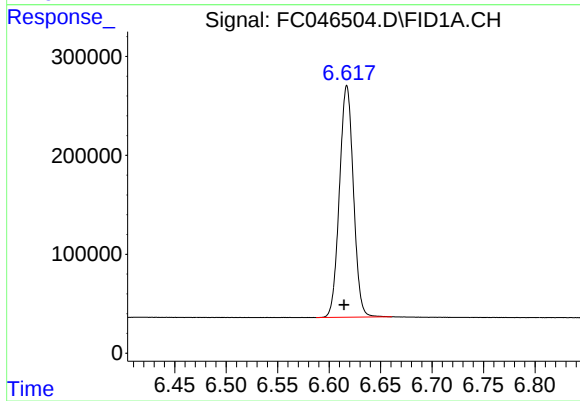
#2 n-Decane (C10)

R.T.: 4.609 min
Delta R.T.: 0.001 min
Response: 2177864
Conc: 22.68 ug/ml



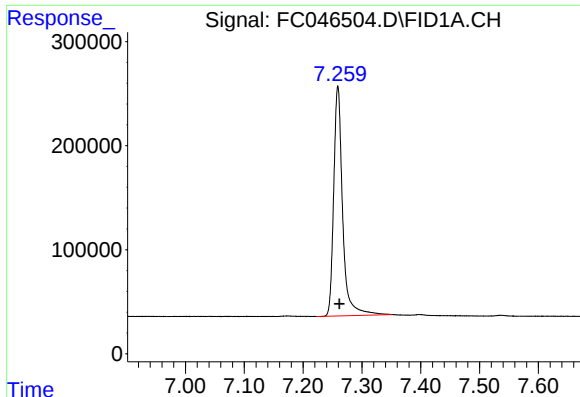
#3 A~Naphthalene (C11.7)

R.T.: 6.209 min
Delta R.T.: -0.003 min
Response: 2282852
Conc: 22.78 ug/ml



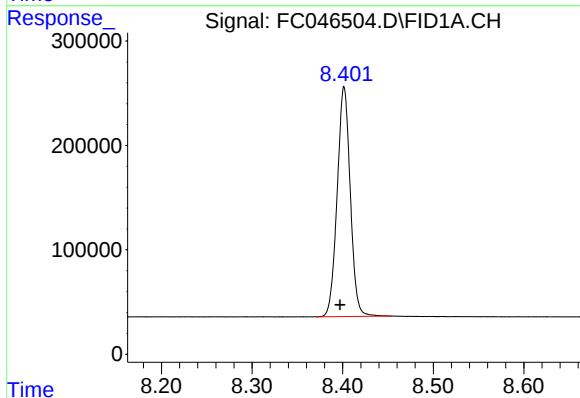
#4 n-Dodecane (C12)

R.T.: 6.617 min
Delta R.T.: 0.003 min
Response: 2213701
Conc: 22.68 ug/ml



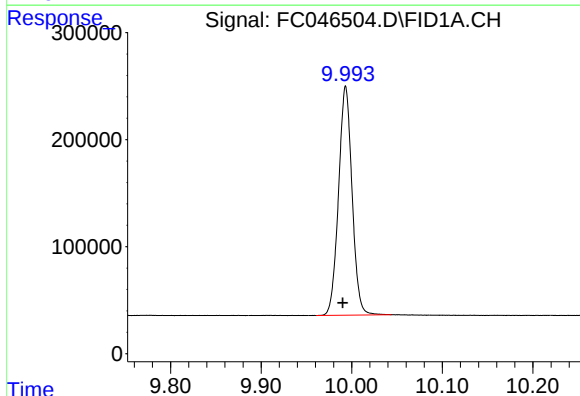
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.259 min
Delta R.T.: -0.003 min
Response: 2326438
Conc: 23.01 ug/ml



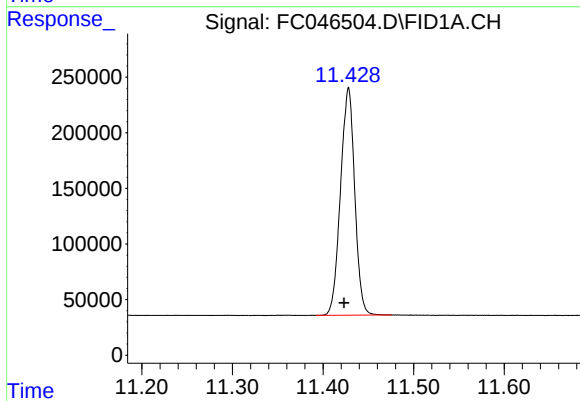
#6 n-Tetradecane (C14)

R.T.: 8.402 min
Delta R.T.: 0.004 min
Response: 2212998
Conc: 22.47 ug/ml



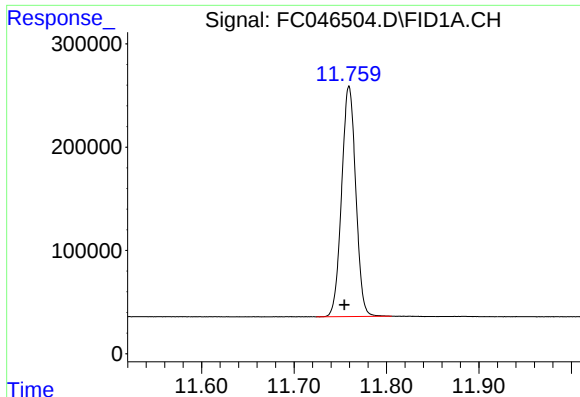
#7 n-Hexadecane (C16)

R.T.: 9.993 min
Delta R.T.: 0.003 min
Response: 2218210
Conc: 22.22 ug/ml



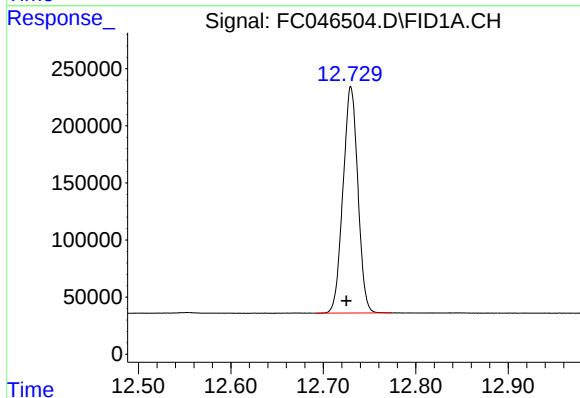
#8 n-Octadecane (C18)

R.T.: 11.428 min
Delta R.T.: 0.005 min
Response: 2233276
Conc: 22.00 ug/ml



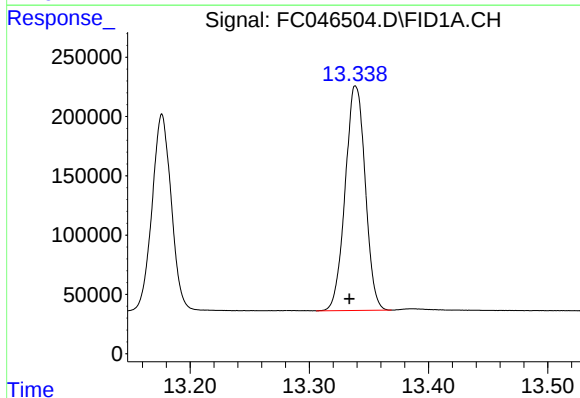
#9 ortho-Terphenyl (SURR)

R.T.: 11.760 min
Delta R.T.: 0.005 min
Response: 2369665
Conc: 21.68 ug/ml



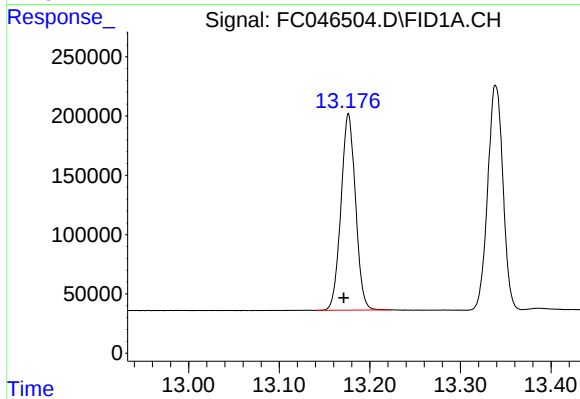
#10 n-Eicosane (C20)

R.T.: 12.730 min
Delta R.T.: 0.005 min
Response: 2219851
Conc: 21.71 ug/ml



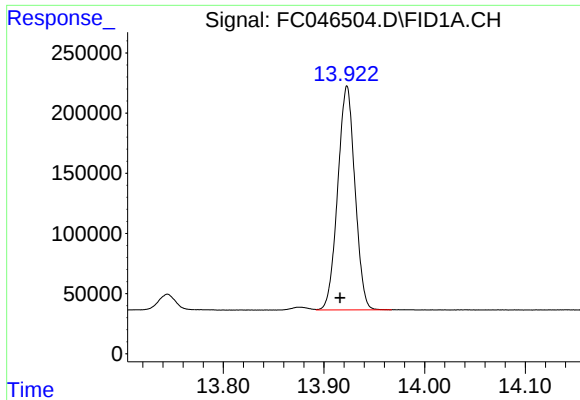
#11 n-Heneicosane (C21)

R.T.: 13.339 min
Delta R.T.: 0.005 min
Response: 2208349
Conc: 21.42 ug/ml



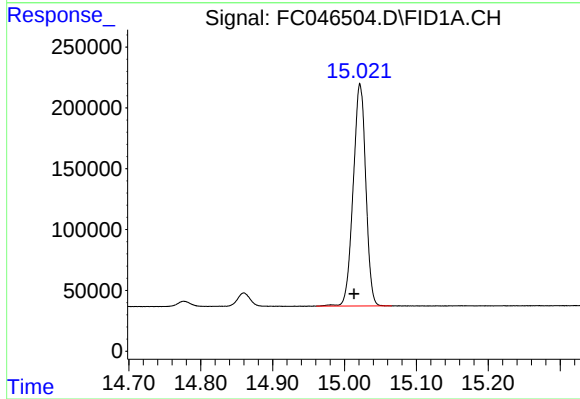
#12 1-chlorooctadecane (SURR)

R.T.: 13.176 min
Delta R.T.: 0.005 min
Response: 1850950
Conc: 21.48 ug/ml



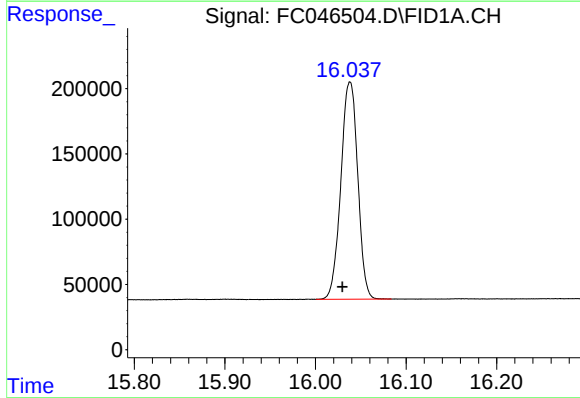
#13 n-Docosane (C22)

R.T.: 13.923 min
Delta R.T.: 0.007 min
Response: 2209753
Conc: 21.53 ug/ml



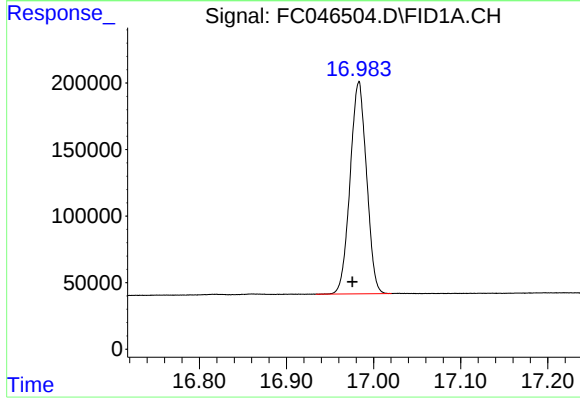
#14 n-Tetracosane (C24)

R.T.: 15.022 min
Delta R.T.: 0.008 min
Response: 2222291
Conc: 21.53 ug/ml



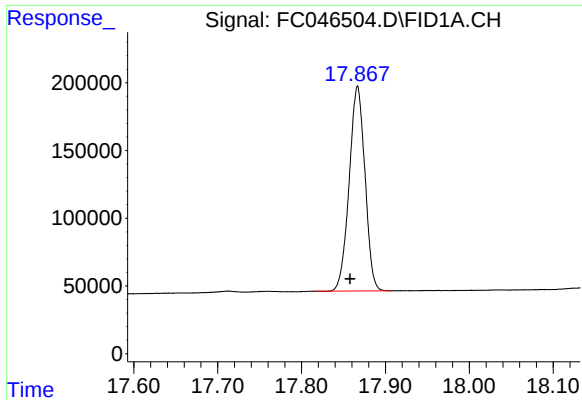
#15 n-Hexacosane (C26)

R.T.: 16.038 min
Delta R.T.: 0.008 min
Response: 2157388
Conc: 21.03 ug/ml



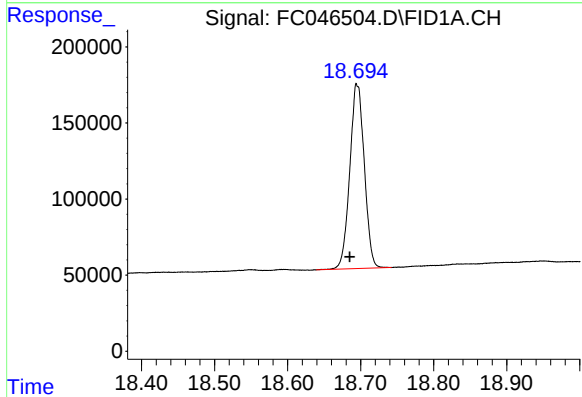
#16 n-Octacosane (C28)

R.T.: 16.983 min
Delta R.T.: 0.007 min
Response: 2087679
Conc: 20.51 ug/ml



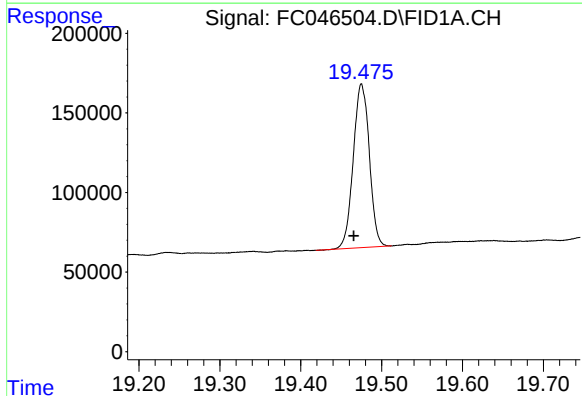
#17 n-Tricontane (C30)

R.T.: 17.867 min
Delta R.T.: 0.009 min
Response: 1975271
Conc: 20.16 ug/ml



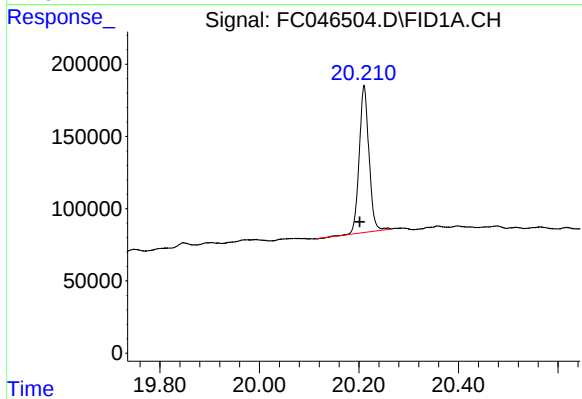
#18 n-Dotriacontane (C32)

R.T.: 18.695 min
Delta R.T.: 0.010 min
Response: 1673702
Conc: 19.96 ug/ml



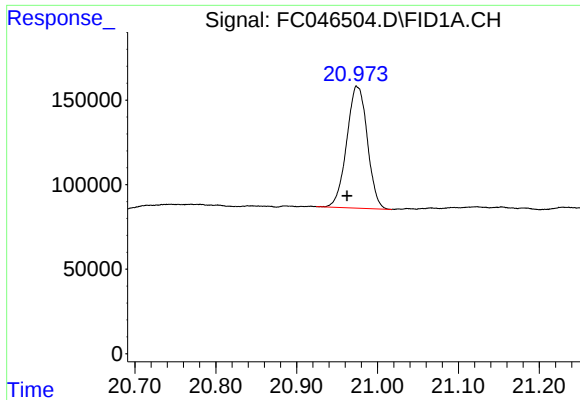
#19 n-Tetratriacontane (C34)

R.T.: 19.475 min
Delta R.T.: 0.009 min
Response: 1419550
Conc: 19.81 ug/ml



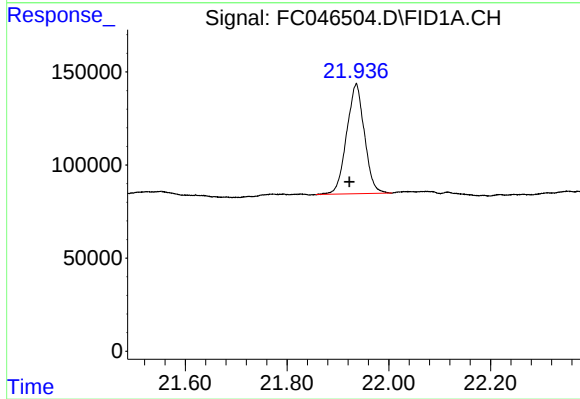
#20 n-Hexatriacontane (C36)

R.T.: 20.210 min
Delta R.T.: 0.009 min
Response: 1376930
Conc: 19.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.975 min
Delta R.T.: 0.012 min
Response: 1273588
Conc: 20.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.936 min
Delta R.T.: 0.014 min
Response: 1431425
Conc: 20.69 ug/ml