

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030220AL\
 Data File : FC046049.D
 Signal(s) : FID1A.CH
 Acq On : 03 Mar 2020 2:21
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 03 06:31:35 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 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)	11.766	2384791	20.905 ug/ml
Spiked Amount 50.000		Recovery =	41.81%
12) S 1-chlorooctadecane (S...	13.184	1836458	20.471 ug/ml
Spiked Amount 50.000		Recovery =	40.94%
Target Compounds			
1) T n-Nonane (C9)	3.536	2256996	22.390 ug/ml
2) T n-Decane (C10)	4.606	2285666	22.661 ug/ml
3) T A~Naphthalene (C11.7)	6.207	2522111	22.714 ug/ml
4) T n-Dodecane (C12)	6.618	2316217	22.704 ug/ml
5) T A~2-methylnaphthalene...	7.258	2547267	22.900 ug/ml
6) T n-Tetradecane (C14)	8.404	2304335	22.510 ug/ml
7) T n-Hexadecane (C16)	9.997	2287769	22.096 ug/ml
8) T n-Octadecane (C18)	11.433	2262193	21.519 ug/ml
10) T n-Eicosane (C20)	12.738	2208450	20.892 ug/ml
11) T n-Heneicosane (C21)	13.349	2191319	20.545 ug/ml
13) T n-Docosane (C22)	13.933	2150593	20.239 ug/ml
14) T n-Tetracosane (C24)	15.031	2090389	19.531 ug/ml
15) T n-Hexacosane (C26)	16.050	2007950	18.892 ug/ml
16) T n-Octacosane (C28)	16.996	1934370	18.476 ug/ml
17) T n-Tricontane (C30)	17.880	1852981	18.388 ug/ml
18) T n-Dotriacontane (C32)	18.709	1596734	18.657 ug/ml
19) T n-Tetratriacontane (C34)	19.485	1449141	19.966 ug/mlm
20) T n-Hexatriacontane (C36)	20.225	1489533	22.025 ug/mlm
21) T n-Octatriacontane (C38)	20.991	1232210	20.387 ug/mlm
22) T n-Tetracontane (C40)	21.958	1308210	20.808 ug/mlm

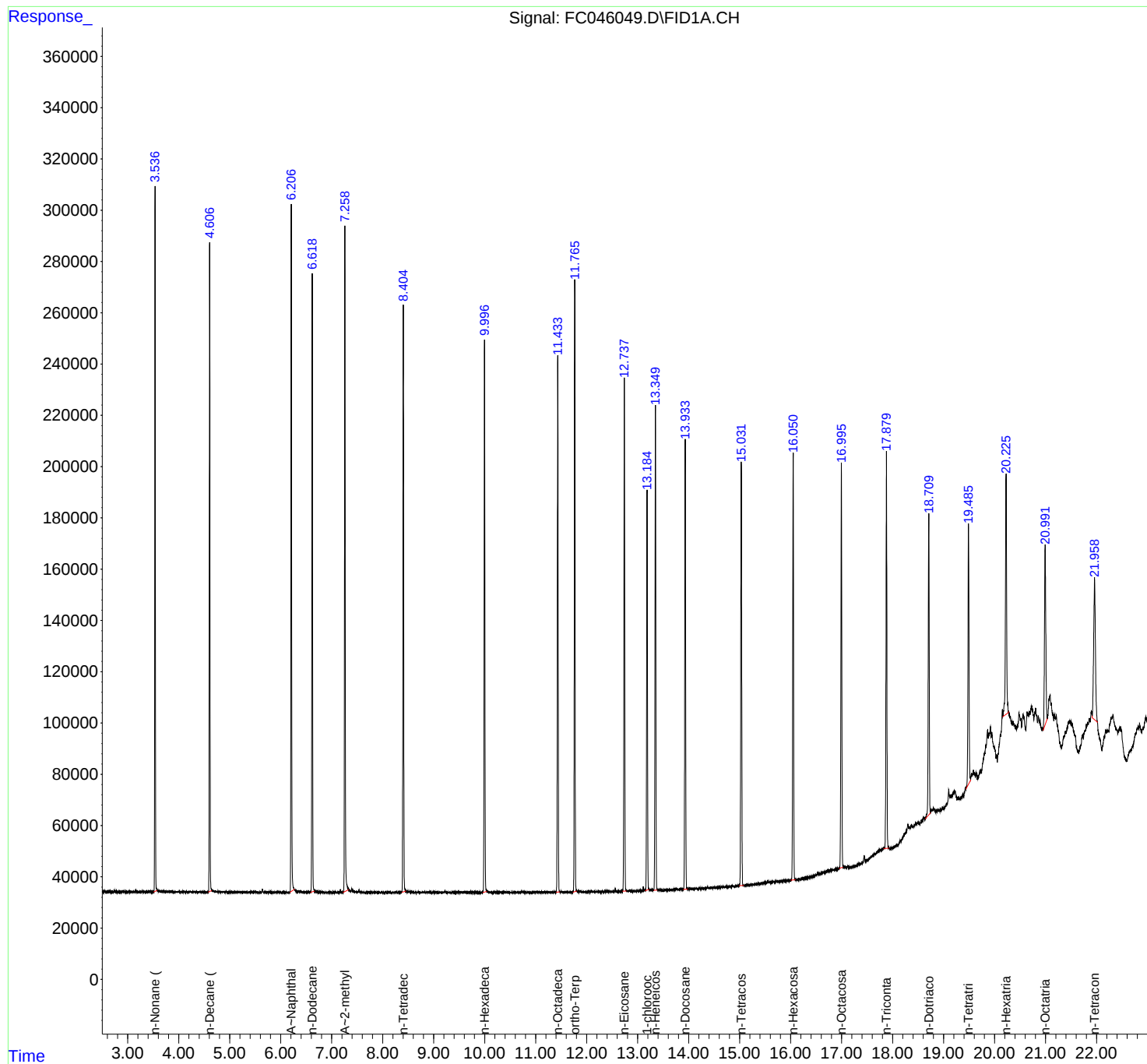
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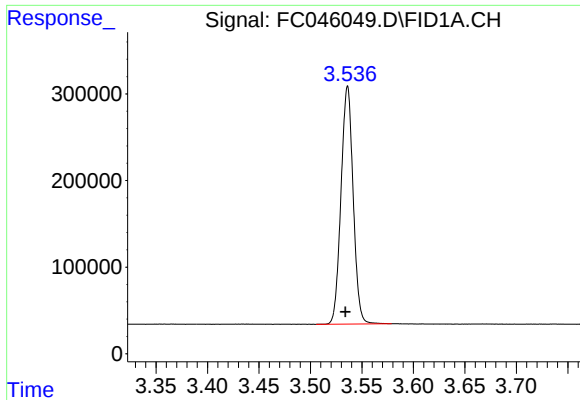
(m)=manual int.

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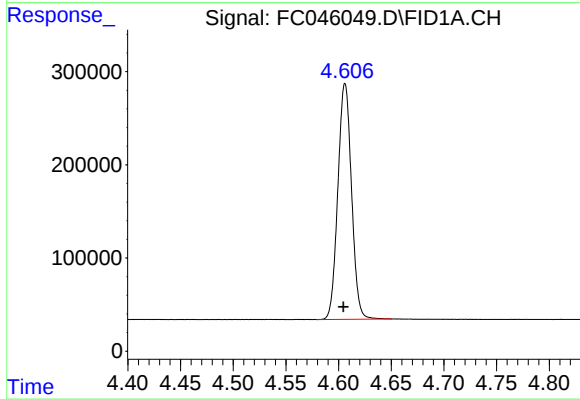
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





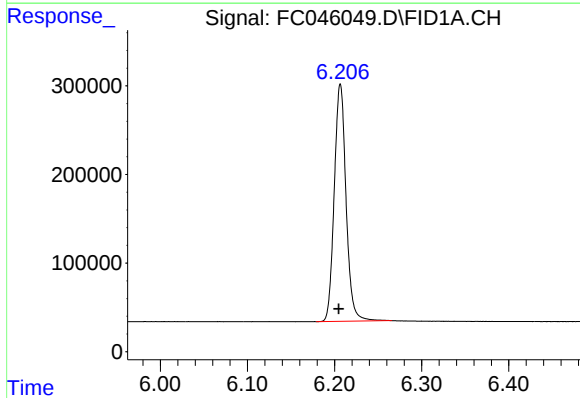
#1 n-Nonane (C9)

R.T.: 3.536 min
Delta R.T.: 0.002 min
Response: 2256996
Conc: 22.39 ug/ml



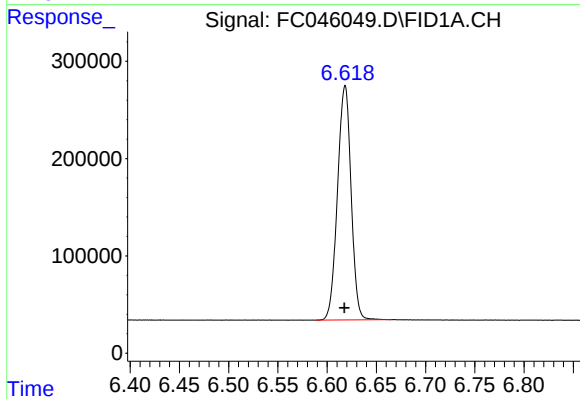
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.001 min
Response: 2285666
Conc: 22.66 ug/ml



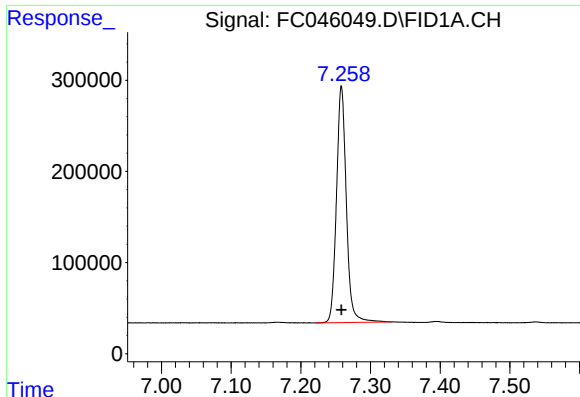
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: 0.002 min
Response: 2522111
Conc: 22.71 ug/ml



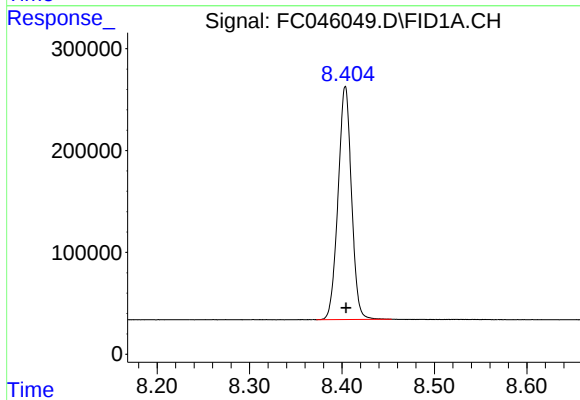
#4 n-Dodecane (C12)

R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 2316217
Conc: 22.70 ug/ml



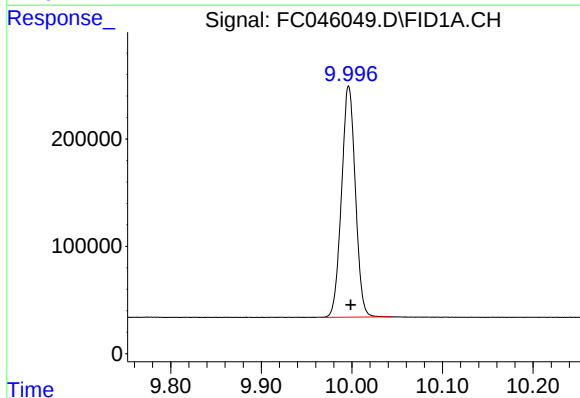
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 2547267
Conc: 22.90 ug/ml



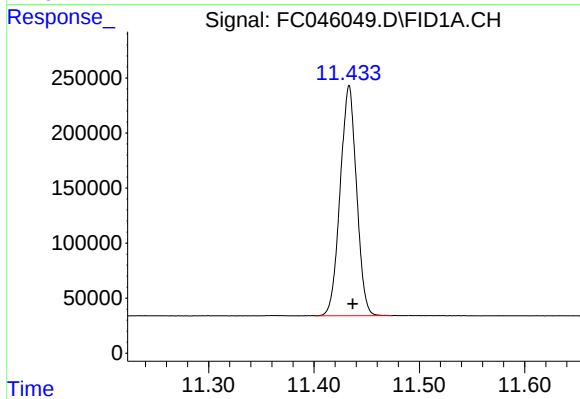
#6 n-Tetradecane (C14)

R.T.: 8.404 min
Delta R.T.: 0.000 min
Response: 2304335
Conc: 22.51 ug/ml



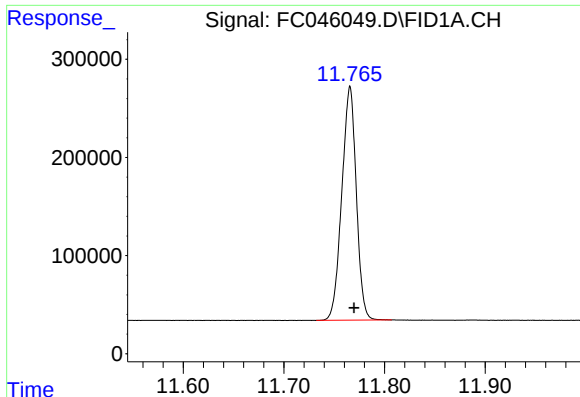
#7 n-Hexadecane (C16)

R.T.: 9.997 min
Delta R.T.: -0.002 min
Response: 2287769
Conc: 22.10 ug/ml



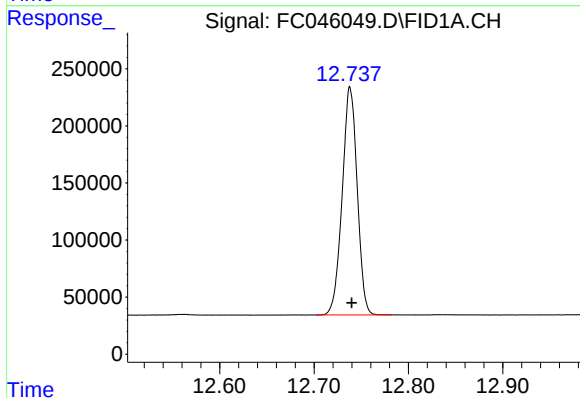
#8 n-Octadecane (C18)

R.T.: 11.433 min
Delta R.T.: -0.003 min
Response: 2262193
Conc: 21.52 ug/ml



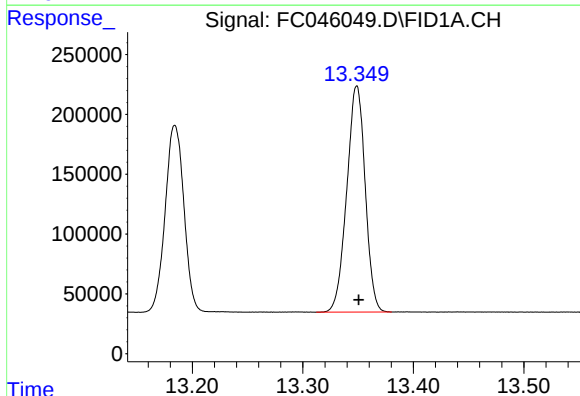
#9 ortho-Terphenyl (SURR)

R.T.: 11.766 min
Delta R.T.: -0.004 min
Response: 2384791
Conc: 20.90 ug/ml



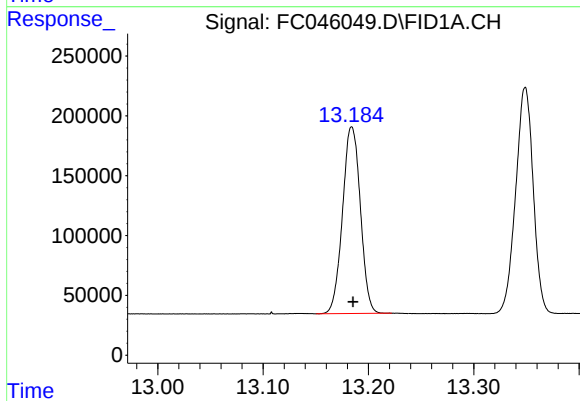
#10 n-Eicosane (C20)

R.T.: 12.738 min
Delta R.T.: -0.002 min
Response: 2208450
Conc: 20.89 ug/ml



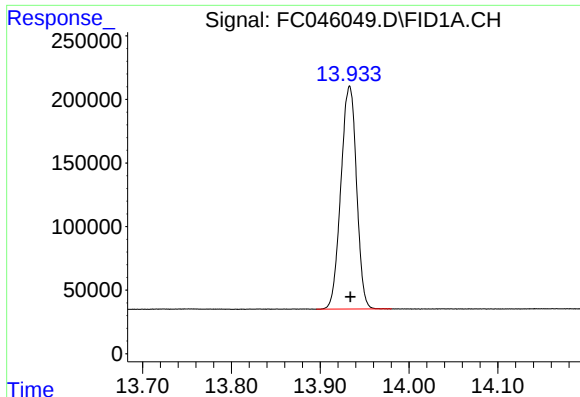
#11 n-Heneicosane (C21)

R.T.: 13.349 min
Delta R.T.: -0.002 min
Response: 2191319
Conc: 20.55 ug/ml



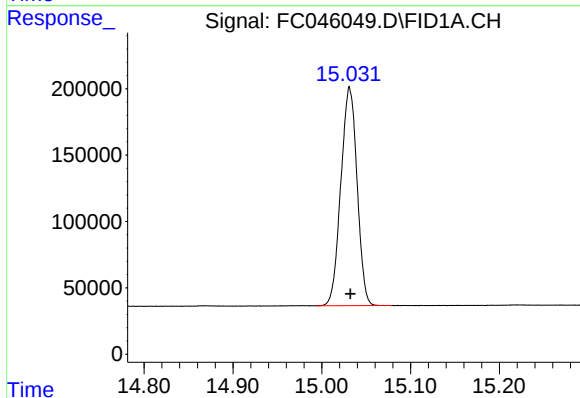
#12 1-chlorooctadecane (SURR)

R.T.: 13.184 min
Delta R.T.: -0.001 min
Response: 1836458
Conc: 20.47 ug/ml



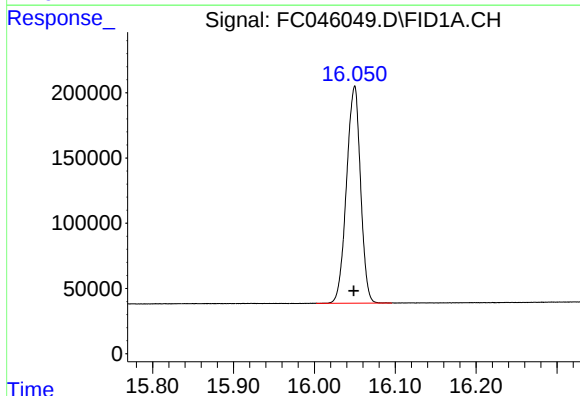
#13 n-Docosane (C22)

R.T.: 13.933 min
Delta R.T.: -0.001 min
Response: 2150593
Conc: 20.24 ug/ml



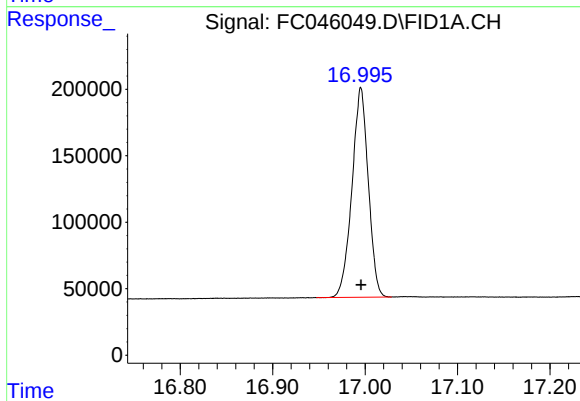
#14 n-Tetracosane (C24)

R.T.: 15.031 min
Delta R.T.: 0.000 min
Response: 2090389
Conc: 19.53 ug/ml



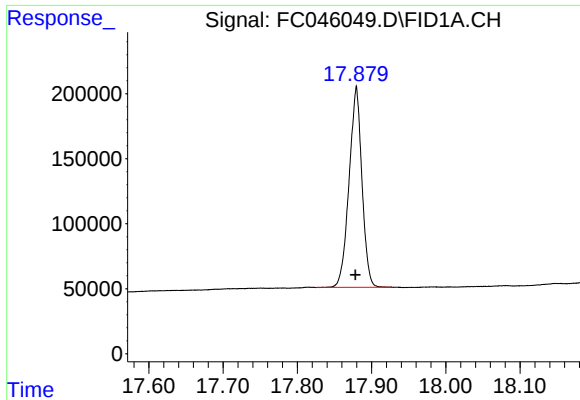
#15 n-Hexacosane (C26)

R.T.: 16.050 min
Delta R.T.: 0.001 min
Response: 2007950
Conc: 18.89 ug/ml



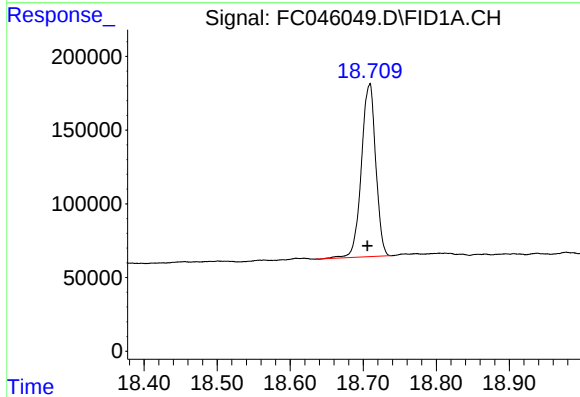
#16 n-Octacosane (C28)

R.T.: 16.996 min
Delta R.T.: 0.000 min
Response: 1934370
Conc: 18.48 ug/ml



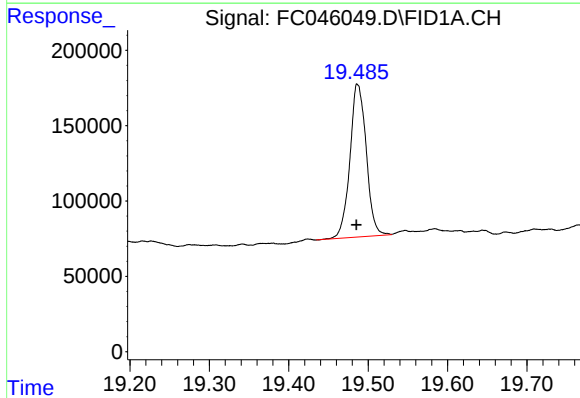
#17 n-Tricontane (C30)

R.T.: 17.880 min
Delta R.T.: 0.001 min
Response: 1852981
Conc: 18.39 ug/ml



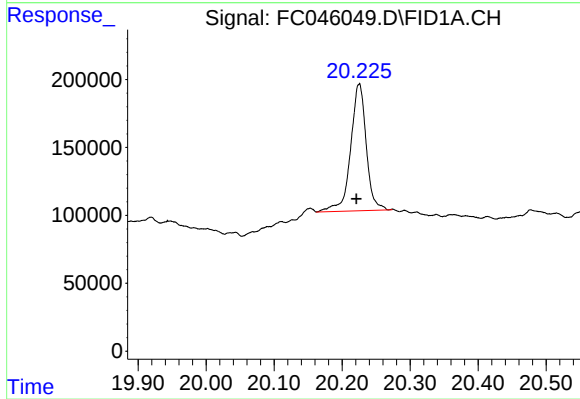
#18 n-Dotriacontane (C32)

R.T.: 18.709 min
Delta R.T.: 0.003 min
Response: 1596734
Conc: 18.66 ug/ml



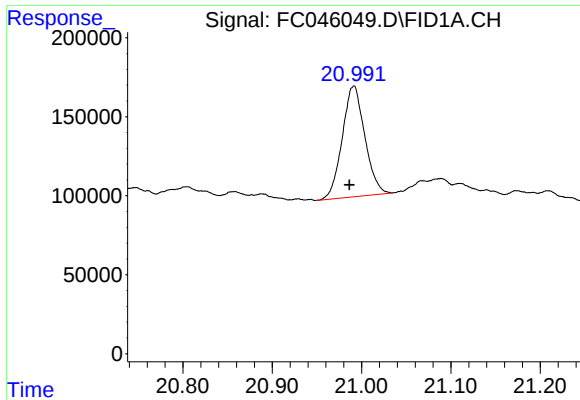
#19 n-Tetratriacontane (C34)

R.T.: 19.485 min
Delta R.T.: 0.000 min
Response: 1449141
Conc: 19.97 ug/ml m



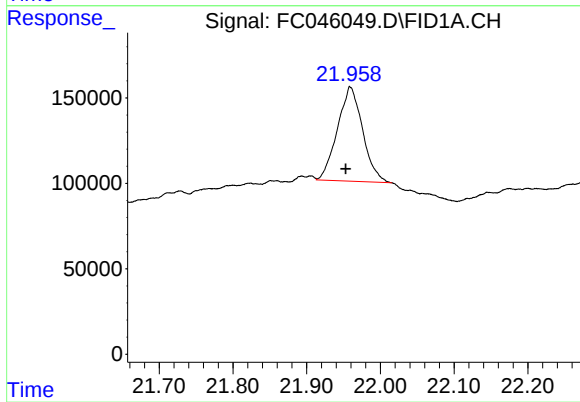
#20 n-Hexatriacontane (C36)

R.T.: 20.225 min
Delta R.T.: 0.005 min
Response: 1489533
Conc: 22.03 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.991 min
Delta R.T.: 0.005 min
Response: 1232210
Conc: 20.39 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.958 min
Delta R.T.: 0.005 min
Response: 1308210
Conc: 20.81 ug/ml m