

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020720AL\
 Data File : FC045724.D
 Signal(s) : FID1A.CH
 Acq On : 07 Feb 2020 9:11
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 07 22:26:26 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 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)	11.771	2229358	20.280 ug/ml
Spiked Amount 50.000		Recovery =	40.56%
12) S 1-chlorooctadecane (S...	13.193	1720585	19.789 ug/ml
Spiked Amount 50.000		Recovery =	39.58%
Target Compounds			
1) T n-Nonane (C9)	3.521	2170023	22.435 ug/ml
2) T n-Decane (C10)	4.597	2211374	22.833 ug/ml
3) T A~Naphthalene (C11.7)	6.202	2371311	22.202 ug/ml
4) T n-Dodecane (C12)	6.615	2220224	22.711 ug/ml
5) T A~2-methylnaphthalene...	7.256	2384972	22.249 ug/ml
6) T n-Tetradecane (C14)	8.404	2193044	22.255 ug/ml
7) T n-Hexadecane (C16)	10.000	2165736	21.633 ug/ml
8) T n-Octadecane (C18)	11.439	2134512	20.957 ug/ml
10) T n-Eicosane (C20)	12.746	2081374	20.295 ug/ml
11) T n-Heneicosane (C21)	13.356	2057347	19.876 ug/ml
13) T n-Docosane (C22)	13.942	2020330	19.581 ug/ml
14) T n-Tetracosane (C24)	15.042	1984860	19.101 ug/ml
15) T n-Hexacosane (C26)	16.061	1952669	18.900 ug/ml
16) T n-Octacosane (C28)	17.007	1951628	19.094 ug/ml
17) T n-Tricontane (C30)	17.893	1950217	19.866 ug/ml
18) T n-Dotriacontane (C32)	18.723	1712386	20.579 ug/ml
19) T n-Tetratriacontane (C34)	19.504	1472198	20.803 ug/ml
20) T n-Hexatriacontane (C36)	20.242	1342121	20.932 ug/ml
21) T n-Octatriacontane (C38)	21.015	1248628	21.348 ug/ml
22) T n-Tetracontane (C40)	21.987	1265561	21.453 ug/ml

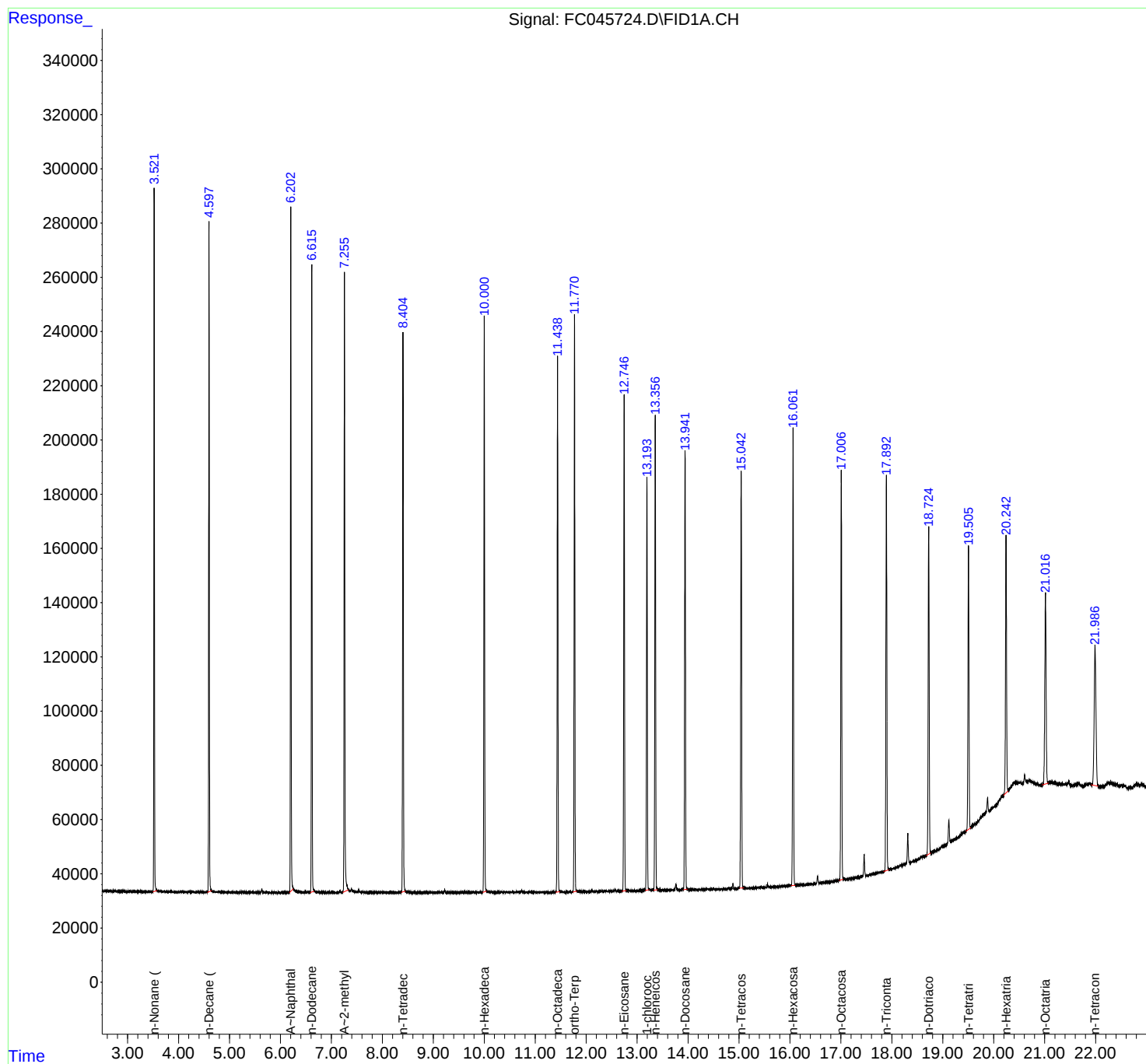
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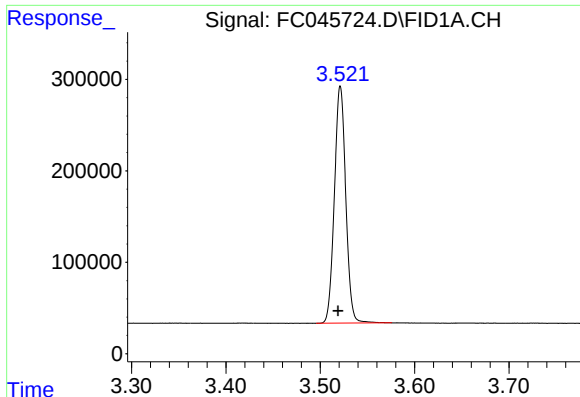
(m)=manual int.

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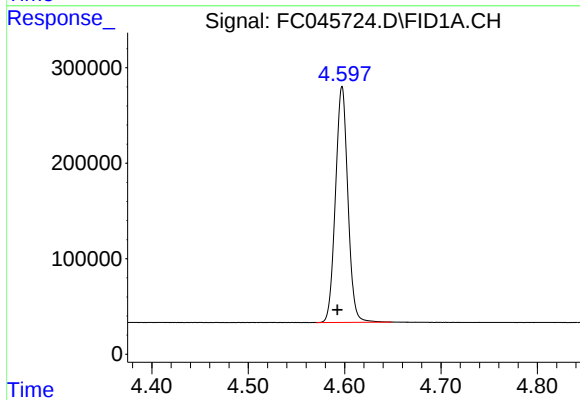
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Signal Info : 20M x 0.18mm x 0.18um





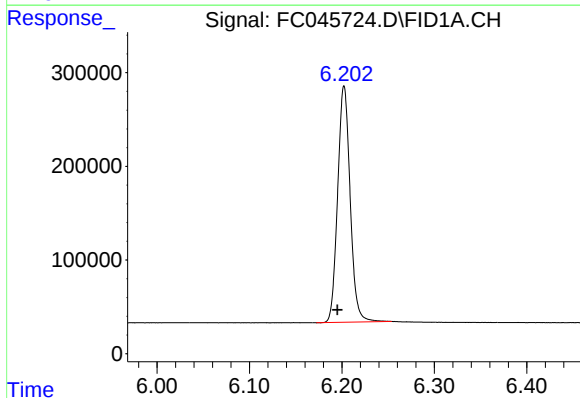
#1 n-Nonane (C9)

R.T.: 3.521 min
Delta R.T.: 0.002 min
Response: 2170023
Conc: 22.44 ug/ml



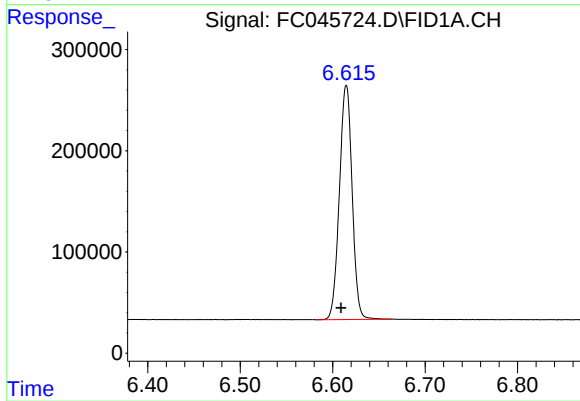
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: 0.005 min
Response: 2211374
Conc: 22.83 ug/ml



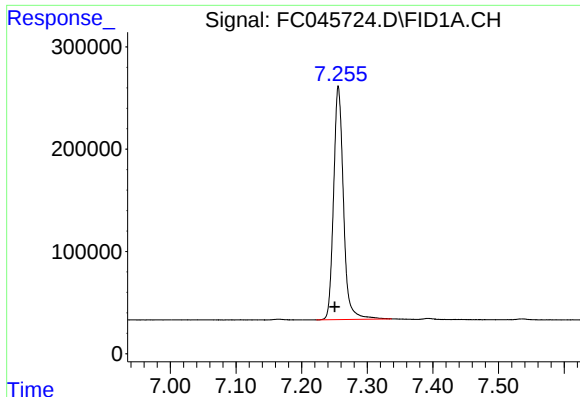
#3 A~Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: 0.007 min
Response: 2371311
Conc: 22.20 ug/ml



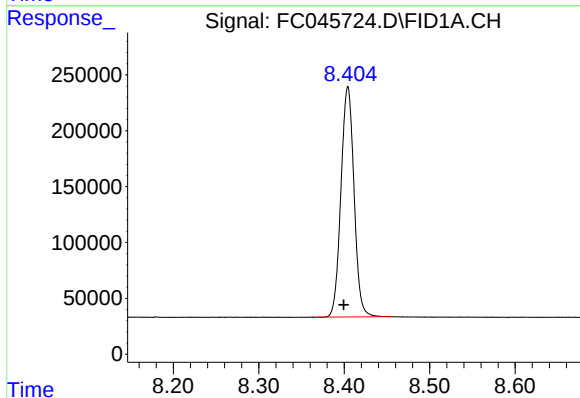
#4 n-Dodecane (C12)

R.T.: 6.615 min
Delta R.T.: 0.006 min
Response: 2220224
Conc: 22.71 ug/ml



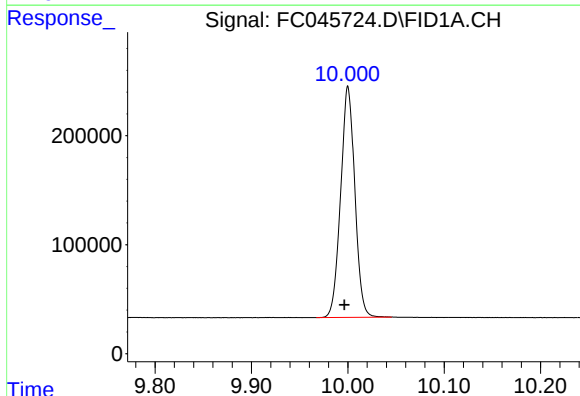
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.256 min
Delta R.T.: 0.005 min
Response: 2384972
Conc: 22.25 ug/ml



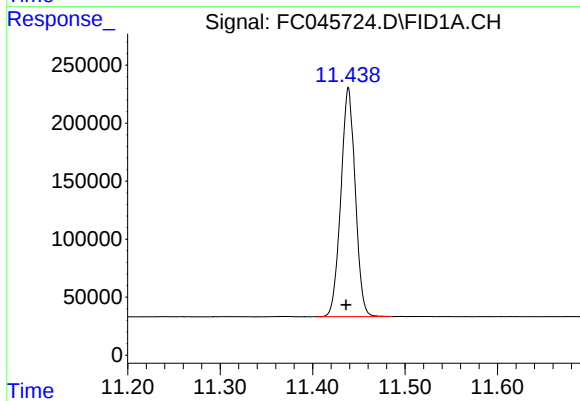
#6 n-Tetradecane (C14)

R.T.: 8.404 min
Delta R.T.: 0.005 min
Response: 2193044
Conc: 22.25 ug/ml



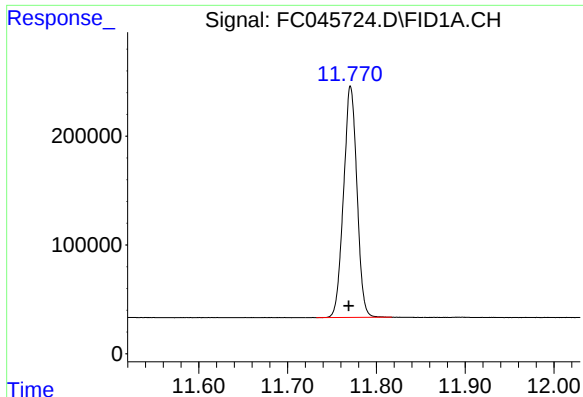
#7 n-Hexadecane (C16)

R.T.: 10.000 min
Delta R.T.: 0.004 min
Response: 2165736
Conc: 21.63 ug/ml



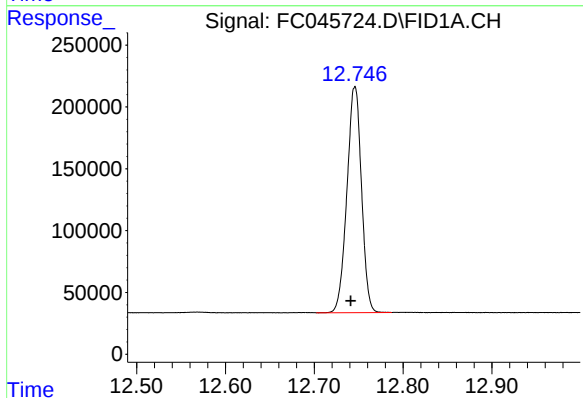
#8 n-Octadecane (C18)

R.T.: 11.439 min
Delta R.T.: 0.002 min
Response: 2134512
Conc: 20.96 ug/ml



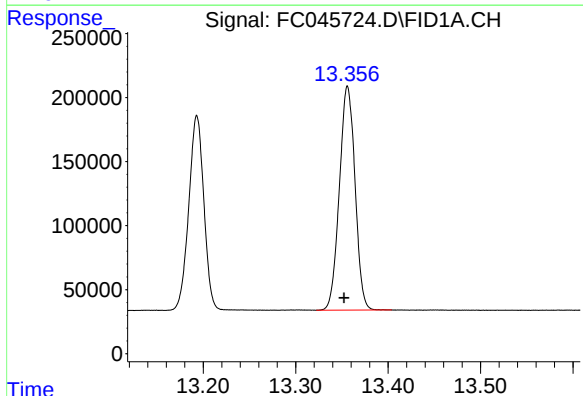
#9 ortho-Terphenyl (SURR)

R.T.: 11.771 min
Delta R.T.: 0.002 min
Response: 2229358
Conc: 20.28 ug/ml



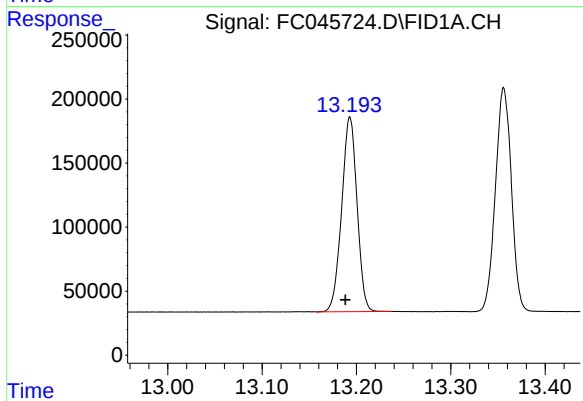
#10 n-Eicosane (C20)

R.T.: 12.746 min
Delta R.T.: 0.005 min
Response: 2081374
Conc: 20.30 ug/ml



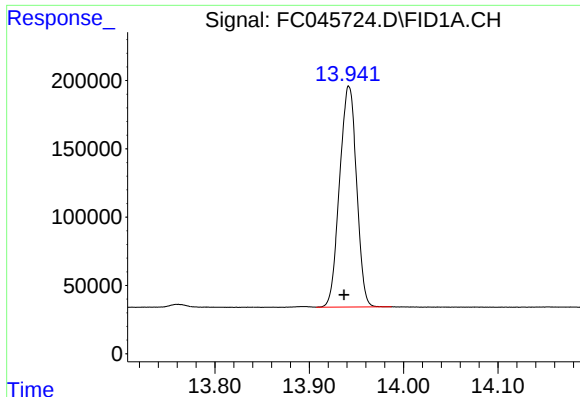
#11 n-Heneicosane (C21)

R.T.: 13.356 min
Delta R.T.: 0.004 min
Response: 2057347
Conc: 19.88 ug/ml



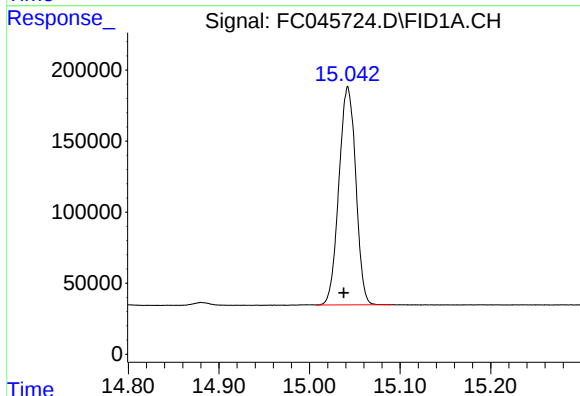
#12 1-chlorooctadecane (SURR)

R.T.: 13.193 min
Delta R.T.: 0.005 min
Response: 1720585
Conc: 19.79 ug/ml



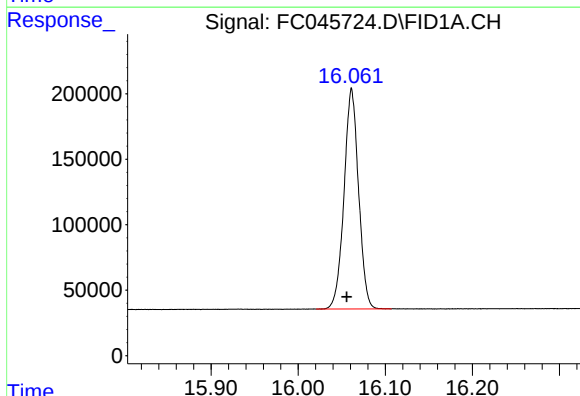
#13 n-Docosane (C22)

R.T.: 13.942 min
Delta R.T.: 0.005 min
Response: 2020330
Conc: 19.58 ug/ml



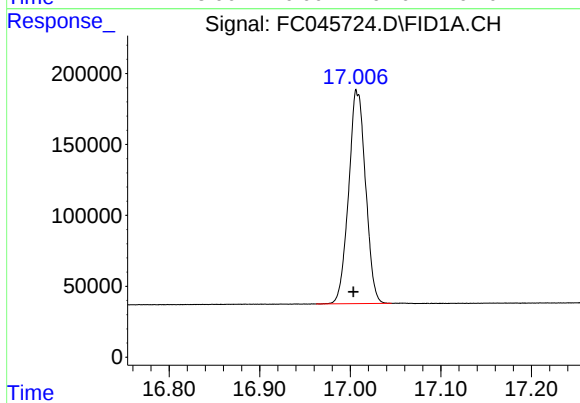
#14 n-Tetracosane (C24)

R.T.: 15.042 min
Delta R.T.: 0.005 min
Response: 1984860
Conc: 19.10 ug/ml



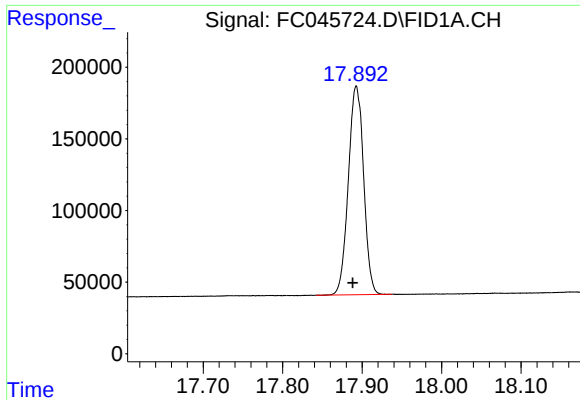
#15 n-Hexacosane (C26)

R.T.: 16.061 min
Delta R.T.: 0.006 min
Response: 1952669
Conc: 18.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.007 min
Delta R.T.: 0.004 min
Response: 1951628
Conc: 19.09 ug/ml



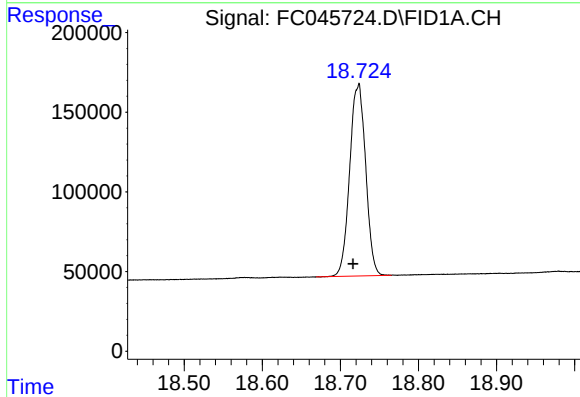
#17 n-Tricontane (C30)

R.T.: 17.893 min

Delta R.T.: 0.005 min

Response: 1950217

Conc: 19.87 ug/ml



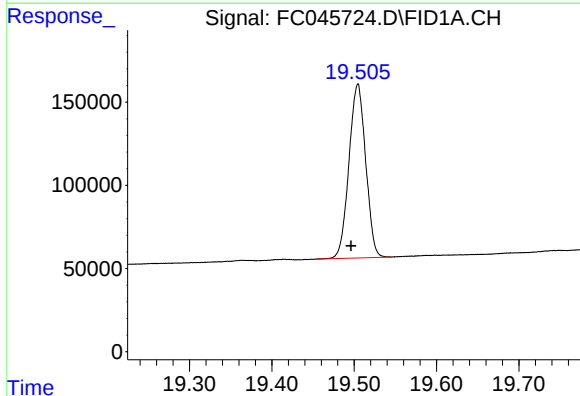
#18 n-Dotriacontane (C32)

R.T.: 18.723 min

Delta R.T.: 0.007 min

Response: 1712386

Conc: 20.58 ug/ml



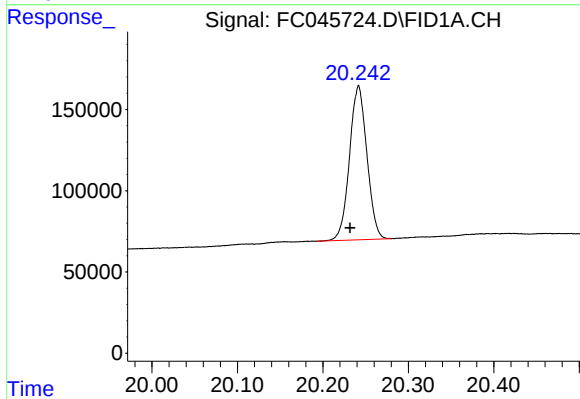
#19 n-Tetratriacontane (C34)

R.T.: 19.504 min

Delta R.T.: 0.008 min

Response: 1472198

Conc: 20.80 ug/ml



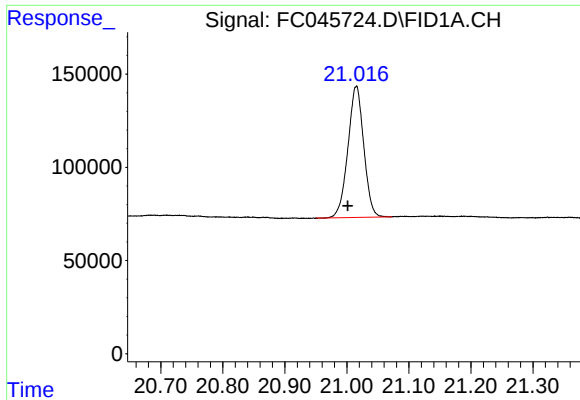
#20 n-Hexatriacontane (C36)

R.T.: 20.242 min

Delta R.T.: 0.010 min

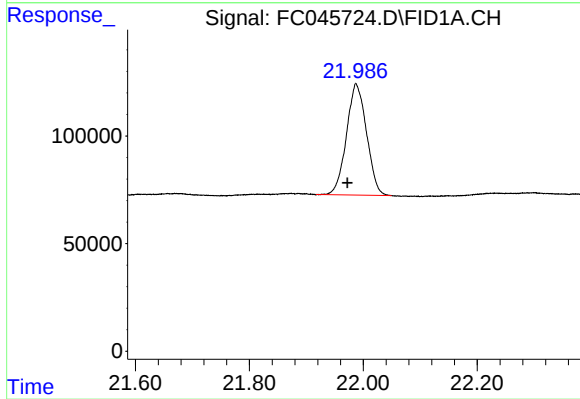
Response: 1342121

Conc: 20.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.015 min
Delta R.T.: 0.014 min
Response: 1248628
Conc: 21.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.987 min
Delta R.T.: 0.015 min
Response: 1265561
Conc: 21.45 ug/ml