

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120321AL\
 Data File : FD039696.D
 Signal(s) : FID2B.CH
 Acq On : 03 Dec 2021 10:50
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 03 22:50:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 01:36:43 2021
 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)	11.653	2351453	18.458 ug/ml
Spiked Amount 50.000		Recovery =	36.92%
12) S 1-chlorooctadecane (S...	13.080	1815428	18.455 ug/ml
Spiked Amount 50.000		Recovery =	36.91%
Target Compounds			
1) T n-Nonane (C9)	3.416	2133558	18.674 ug/ml
2) T n-Decane (C10)	4.484	2148993	18.685 ug/ml
3) T A~Naphthalene (C11.7)	6.076	2367842	18.608 ug/ml
4) T n-Dodecane (C12)	6.499	2142280	18.604 ug/ml
5) T A~2-methylnaphthalene...	7.130	2356666	18.507 ug/ml
6) T n-Tetradecane (C14)	8.291	2133088	18.409 ug/ml
7) T n-Hexadecane (C16)	9.890	2123100	18.260 ug/ml
8) T n-Octadecane (C18)	11.329	2174298	18.298 ug/ml
10) T n-Eicosane (C20)	12.635	2162335	18.429 ug/ml
11) T n-Heneicosane (C21)	13.245	2170739	18.454 ug/ml
13) T n-Docosane (C22)	13.830	2174303	18.745 ug/ml
14) T n-Tetracosane (C24)	14.930	2234064	19.145 ug/ml
15) T n-Hexacosane (C26)	15.948	2182063	19.692 ug/ml
16) T n-Octacosane (C28)	16.895	2123334	19.793 ug/ml
17) T n-Tricontane (C30)	17.778	2081217	19.524 ug/ml
18) T n-Dotriacontane (C32)	18.608	2003423	19.236 ug/ml
19) T n-Tetratriacontane (C34)	19.388	1945369	19.358 ug/ml
20) T n-Hexatriacontane (C36)	20.124	1847391	19.199 ug/ml
21) T n-Octatriacontane (C38)	20.861	1752874	18.677 ug/ml
22) T n-Tetracontane (C40)	21.779	1732001	17.965 ug/ml

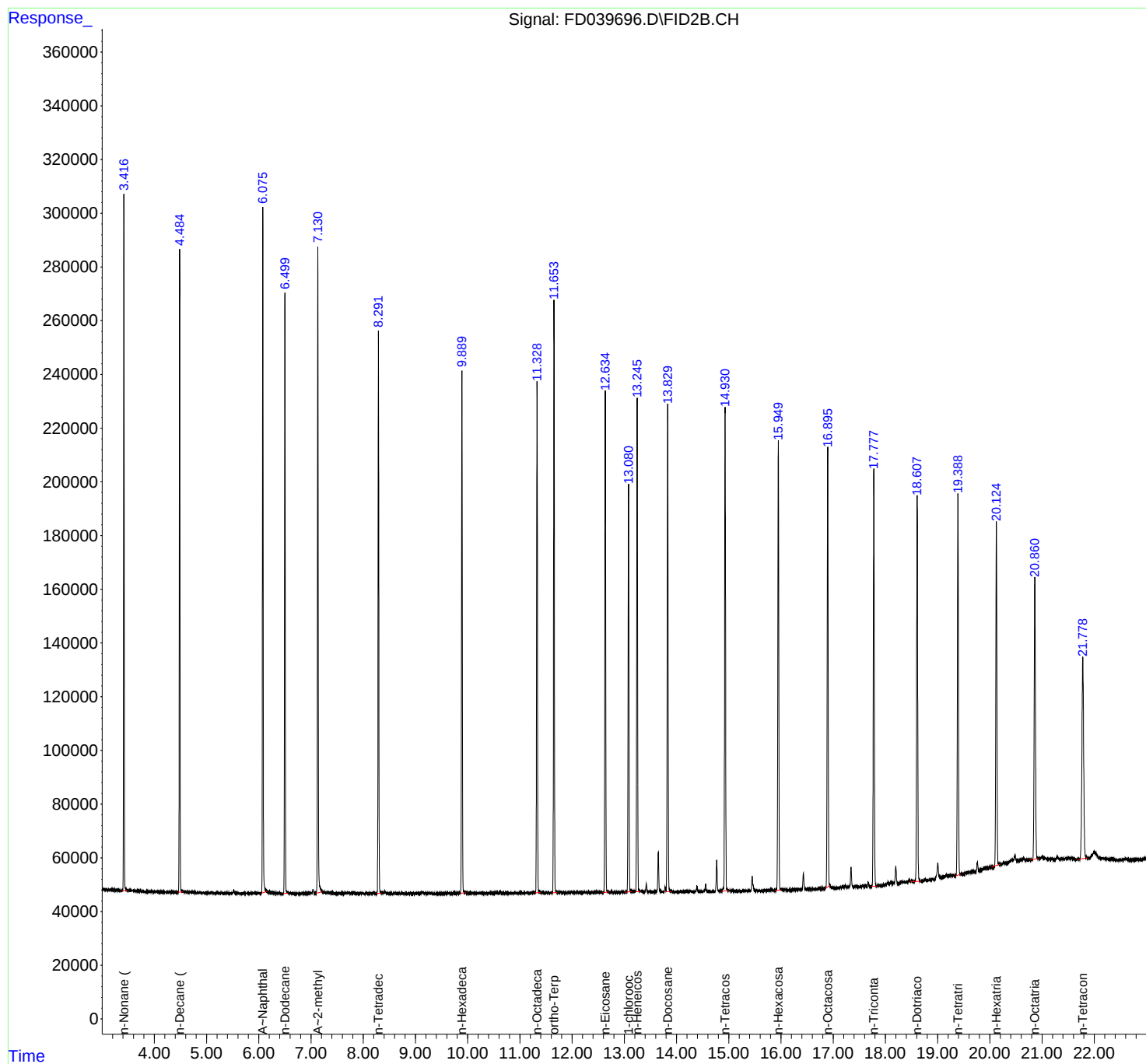
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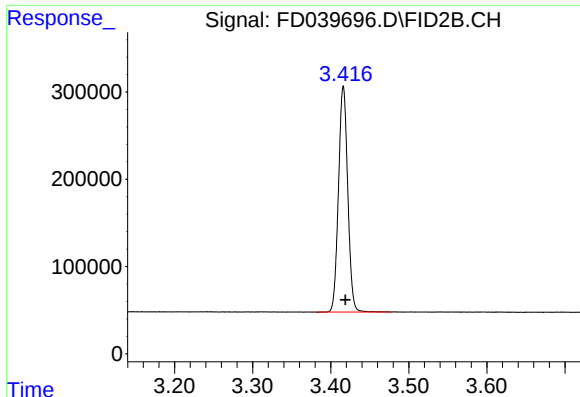
(m)=manual int.

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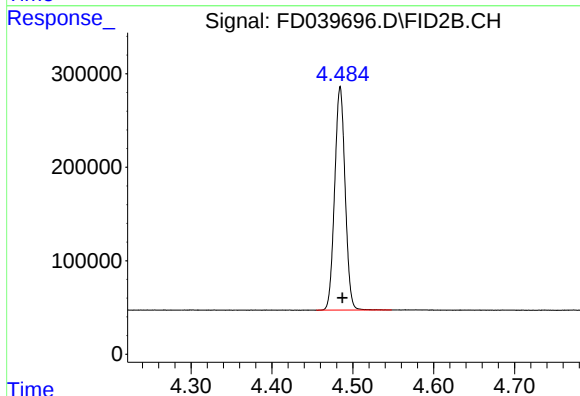
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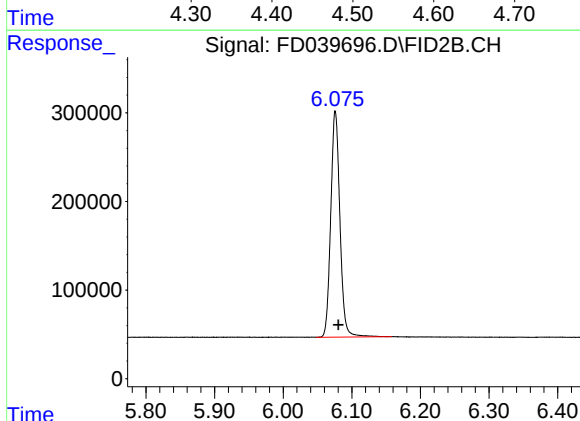
#1 n-Nonane (C9)

R.T.: 3.416 min
Delta R.T.: -0.003 min
Response: 2133558
Conc: 18.67 ug/ml



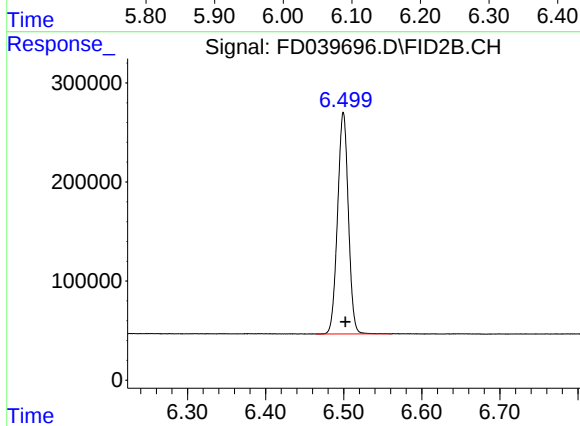
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.003 min
Response: 2148993
Conc: 18.69 ug/ml



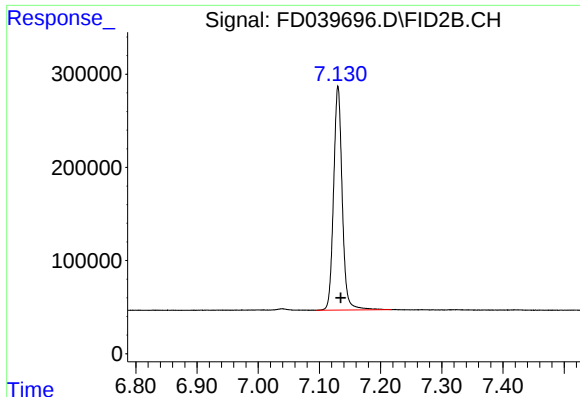
#3 A~Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: -0.004 min
Response: 2367842
Conc: 18.61 ug/ml



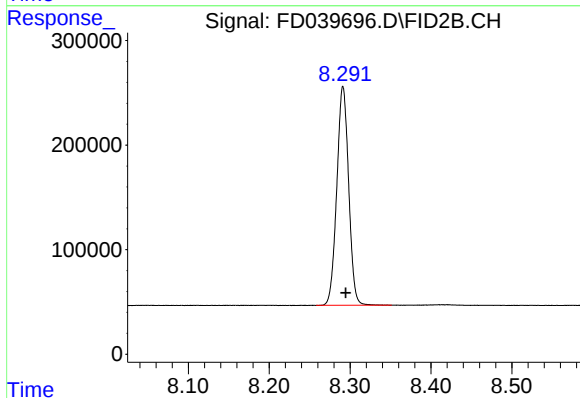
#4 n-Dodecane (C12)

R.T.: 6.499 min
Delta R.T.: -0.003 min
Response: 2142280
Conc: 18.60 ug/ml



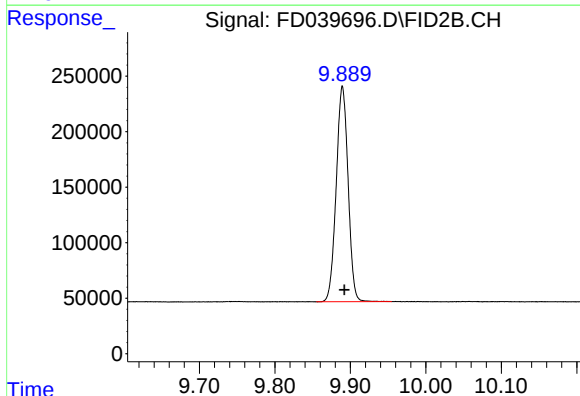
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.130 min
Delta R.T.: -0.004 min
Response: 2356666
Conc: 18.51 ug/ml



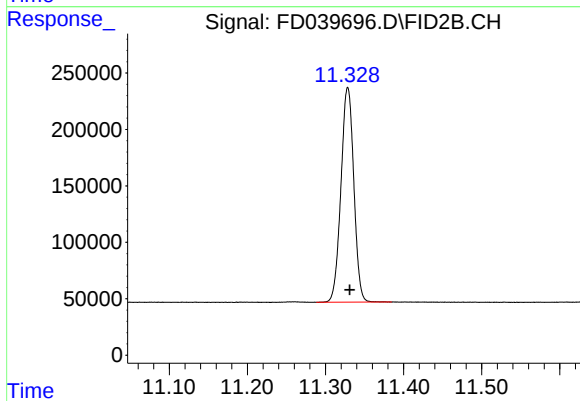
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: -0.003 min
Response: 2133088
Conc: 18.41 ug/ml



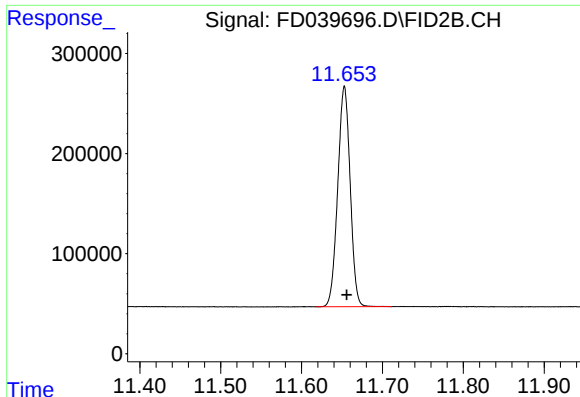
#7 n-Hexadecane (C16)

R.T.: 9.890 min
Delta R.T.: -0.003 min
Response: 2123100
Conc: 18.26 ug/ml



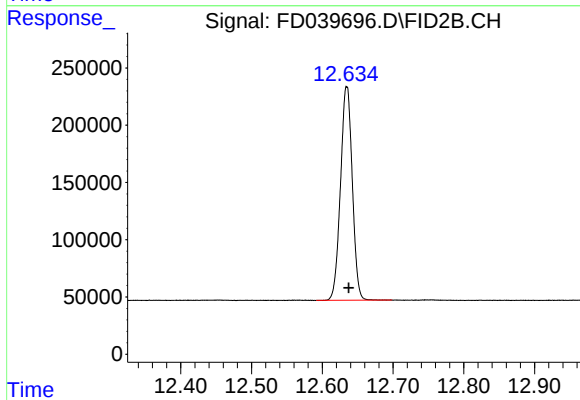
#8 n-Octadecane (C18)

R.T.: 11.329 min
Delta R.T.: -0.003 min
Response: 2174298
Conc: 18.30 ug/ml



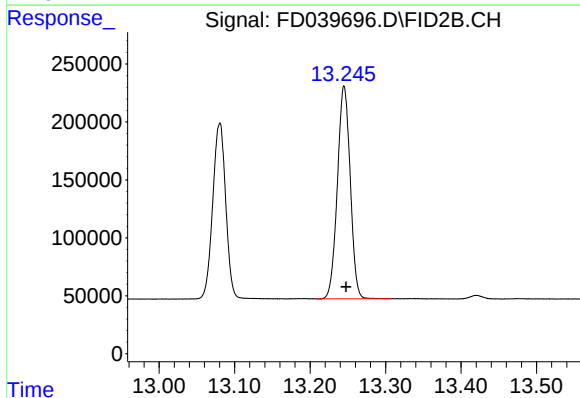
#9 ortho-Terphenyl (SURR)

R.T.: 11.653 min
Delta R.T.: -0.003 min
Response: 2351453
Conc: 18.46 ug/ml



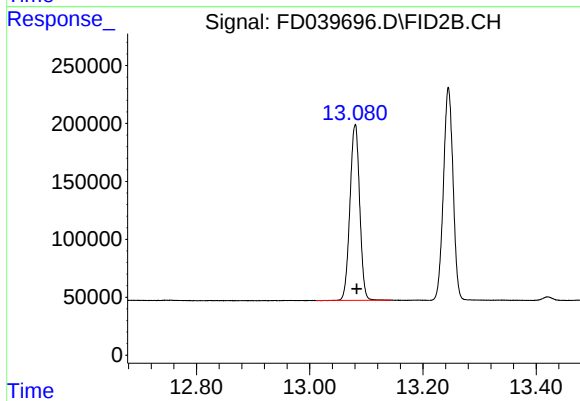
#10 n-Eicosane (C20)

R.T.: 12.635 min
Delta R.T.: -0.003 min
Response: 2162335
Conc: 18.43 ug/ml



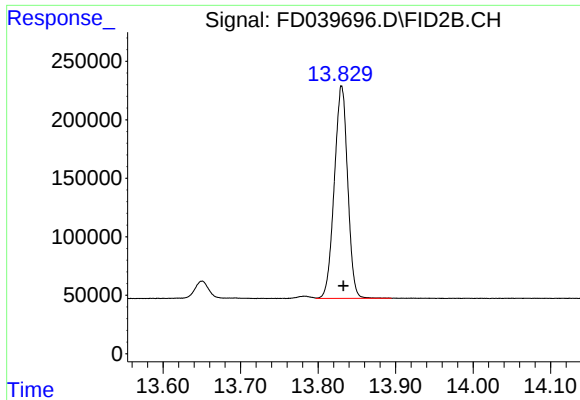
#11 n-Heneicosane (C21)

R.T.: 13.245 min
Delta R.T.: -0.003 min
Response: 2170739
Conc: 18.45 ug/ml



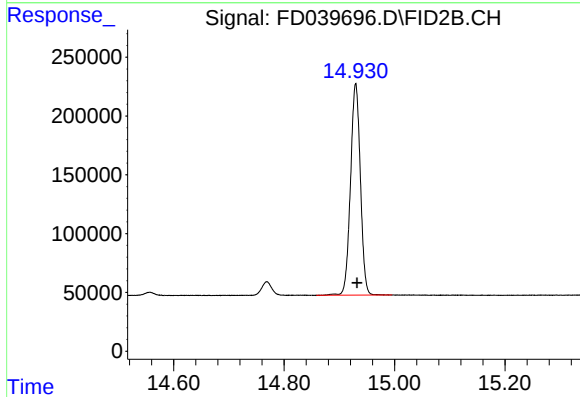
#12 1-chlorooctadecane (SURR)

R.T.: 13.080 min
Delta R.T.: -0.003 min
Response: 1815428
Conc: 18.46 ug/ml



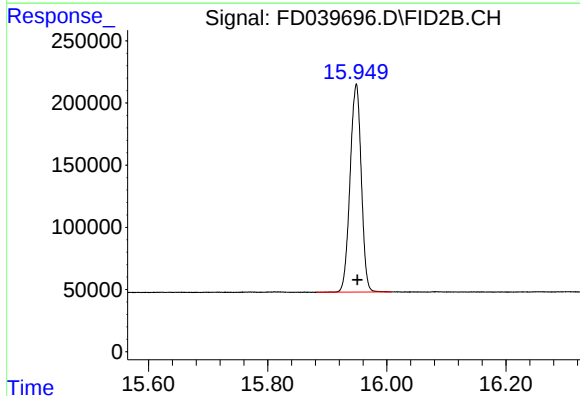
#13 n-Docosane (C22)

R.T.: 13.830 min
Delta R.T.: -0.002 min
Response: 2174303
Conc: 18.74 ug/ml



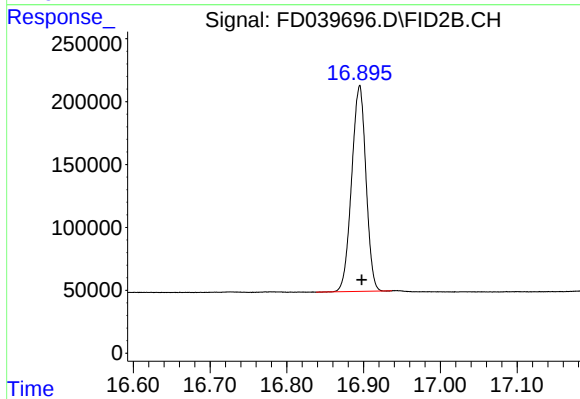
#14 n-Tetracosane (C24)

R.T.: 14.930 min
Delta R.T.: -0.003 min
Response: 2234064
Conc: 19.14 ug/ml



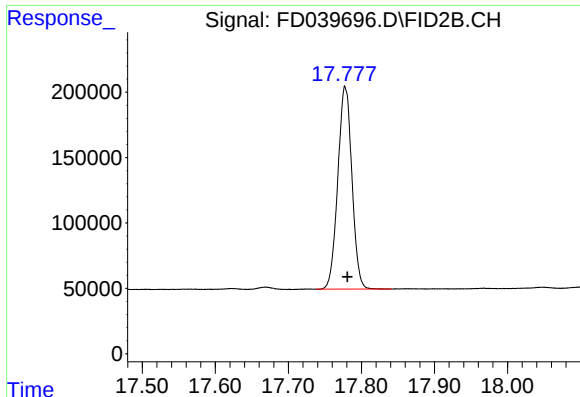
#15 n-Hexacosane (C26)

R.T.: 15.948 min
Delta R.T.: -0.002 min
Response: 2182063
Conc: 19.69 ug/ml



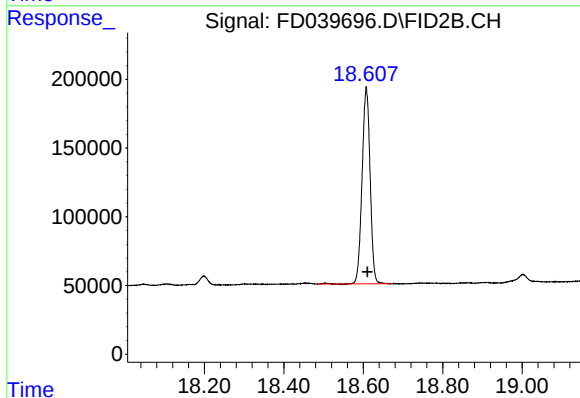
#16 n-Octacosane (C28)

R.T.: 16.895 min
Delta R.T.: -0.003 min
Response: 2123334
Conc: 19.79 ug/ml



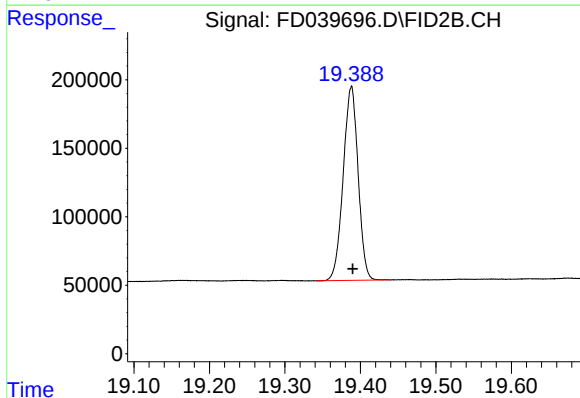
#17 n-Tricontane (C30)

R.T.: 17.778 min
Delta R.T.: -0.003 min
Response: 2081217
Conc: 19.52 ug/ml



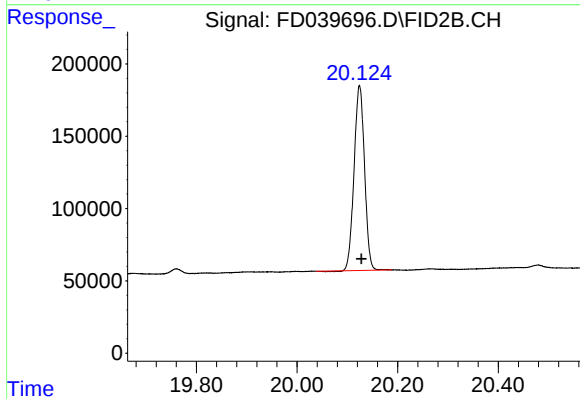
#18 n-Dotriacontane (C32)

R.T.: 18.608 min
Delta R.T.: -0.002 min
Response: 2003423
Conc: 19.24 ug/ml



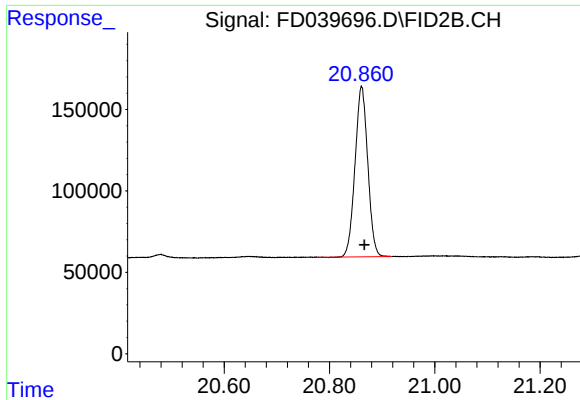
#19 n-Tetratriacontane (C34)

R.T.: 19.388 min
Delta R.T.: -0.002 min
Response: 1945369
Conc: 19.36 ug/ml



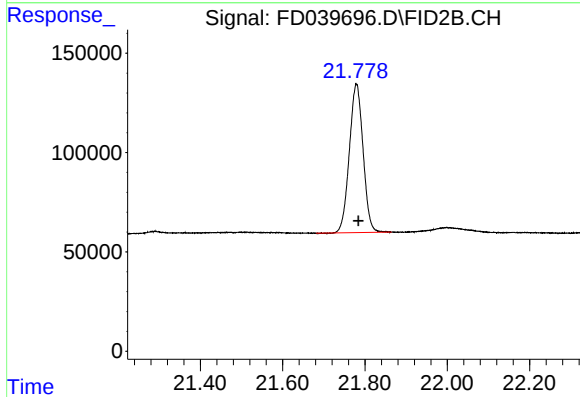
#20 n-Hexatriacontane (C36)

R.T.: 20.124 min
Delta R.T.: -0.004 min
Response: 1847391
Conc: 19.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.861 min
Delta R.T.: -0.005 min
Response: 1752874
Conc: 18.68 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.779 min
Delta R.T.: -0.005 min
Response: 1732001
Conc: 17.97 ug/ml