

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102419AL\
 Data File : FC044170.D
 Signal(s) : FID1A.CH
 Acq On : 24 Oct 2019 8:53
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 25 00:57:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 2019
 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)	11.716	2699216	18.518 ug/ml
Spiked Amount 50.000		Recovery =	37.04%
12) S 1-chlorooctadecane (S...	13.149	2040737	18.251 ug/ml
Spiked Amount 50.000		Recovery =	36.50%
Target Compounds			
1) T n-Nonane (C9)	3.436	2107675	19.133 ug/ml
2) T n-Decane (C10)	4.513	2133050	19.204 ug/ml
3) T A~Naphthalene (C11.7)	6.113	2403995	19.321 ug/ml
4) T n-Dodecane (C12)	6.541	2162623	19.229 ug/ml
5) T A~2-methylnaphthalene...	7.173	2421309	19.201 ug/ml
6) T n-Tetradecane (C14)	8.341	2154783	19.046 ug/ml
7) T n-Hexadecane (C16)	9.946	2146619	18.787 ug/ml
8) T n-Octadecane (C18)	11.391	2116463	18.485 ug/ml
10) T n-Eicosane (C20)	12.702	2072073	18.168 ug/ml
11) T n-Heneicosane (C21)	13.316	2060100	17.961 ug/ml
13) T n-Docosane (C22)	13.903	2024187	17.825 ug/ml
14) T n-Tetracosane (C24)	15.007	1976138	17.475 ug/ml
15) T n-Hexacosane (C26)	16.030	1905792	17.225 ug/ml
16) T n-Octacosane (C28)	16.982	1853735	17.112 ug/ml
17) T n-Tricontane (C30)	17.871	1821168	17.208 ug/ml
18) T n-Dotriacontane (C32)	18.706	1731747	17.195 ug/ml
19) T n-Tetratriacontane (C34)	19.490	1670460	17.815 ug/ml
20) T n-Hexatriacontane (C36)	20.232	1611496	18.563 ug/ml
21) T n-Octatriacontane (C38)	21.005	1535588	19.043 ug/ml
22) T n-Tetracontane (C40)	21.977	1598047	18.906 ug/ml

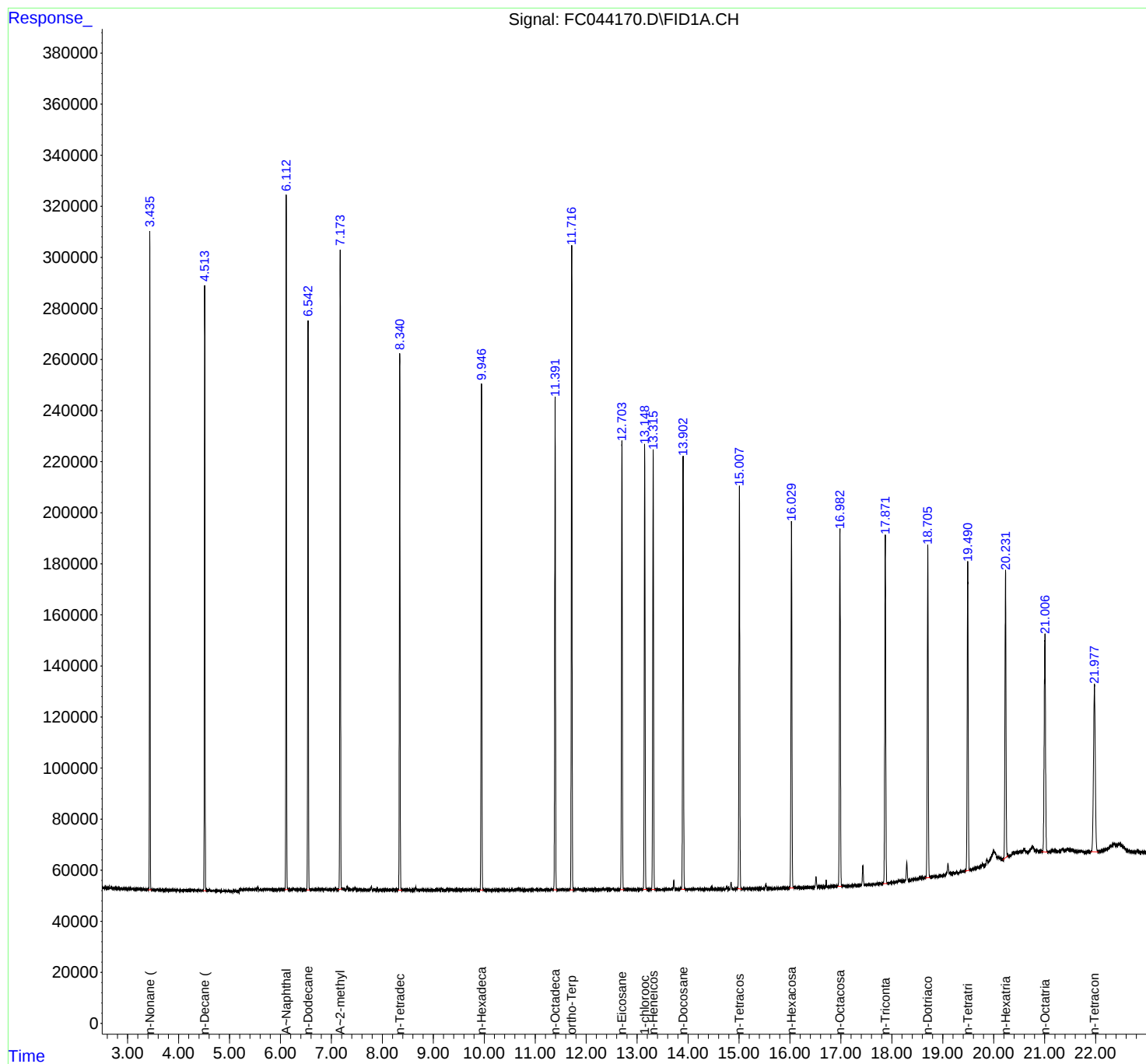
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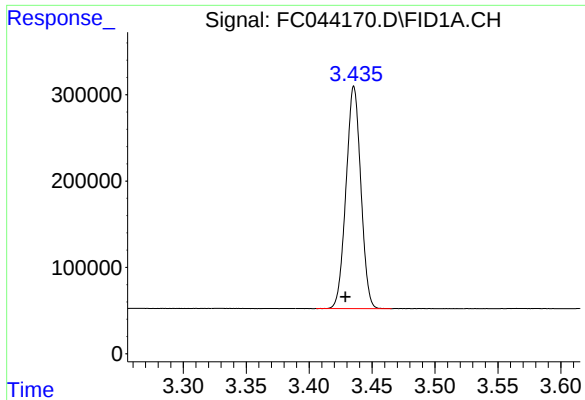
(m)=manual int.

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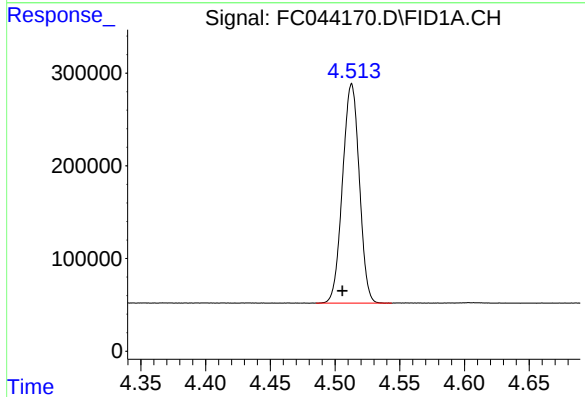
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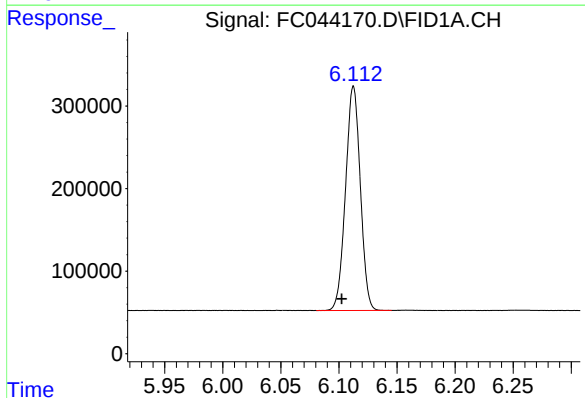
#1 n-Nonane (C9)

R.T.: 3.436 min
Delta R.T.: 0.007 min
Response: 2107675
Conc: 19.13 ug/ml



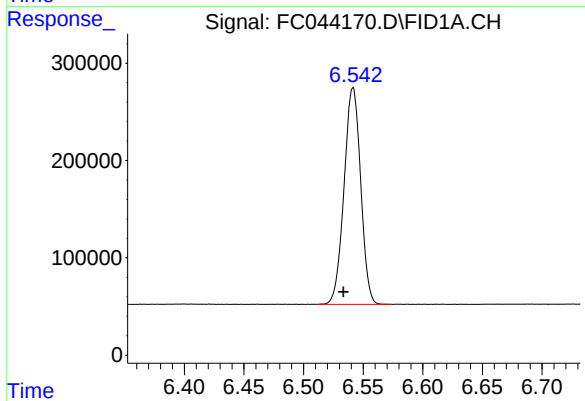
#2 n-Decane (C10)

R.T.: 4.513 min
Delta R.T.: 0.007 min
Response: 2133050
Conc: 19.20 ug/ml



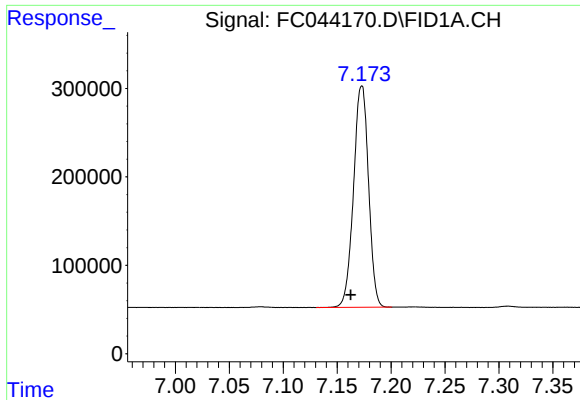
#3 A~Naphthalene (C11.7)

R.T.: 6.113 min
Delta R.T.: 0.010 min
Response: 2403995
Conc: 19.32 ug/ml



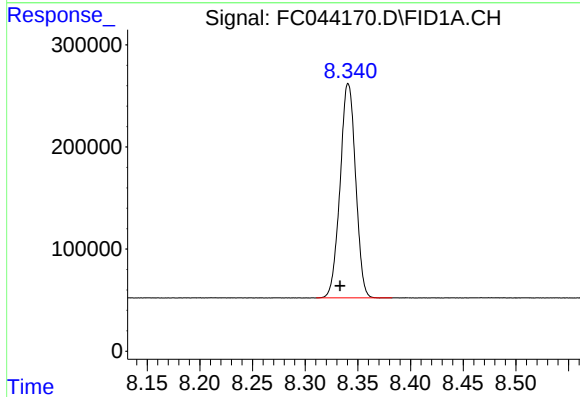
#4 n-Dodecane (C12)

R.T.: 6.541 min
Delta R.T.: 0.008 min
Response: 2162623
Conc: 19.23 ug/ml



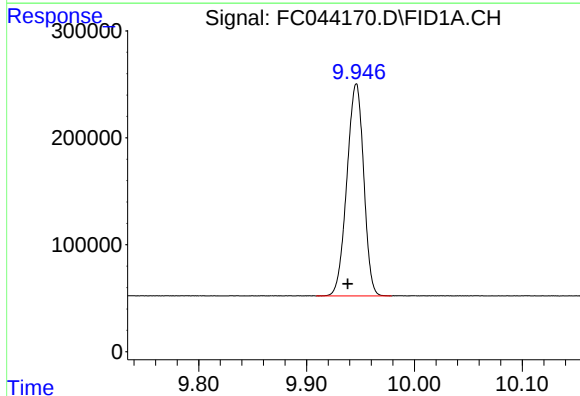
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.173 min
Delta R.T.: 0.010 min
Response: 2421309
Conc: 19.20 ug/ml



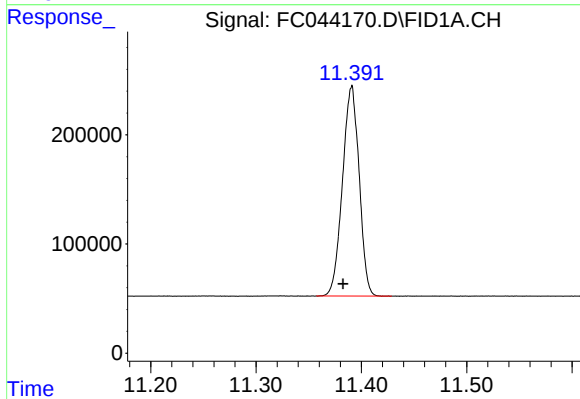
#6 n-Tetradecane (C14)

R.T.: 8.341 min
Delta R.T.: 0.008 min
Response: 2154783
Conc: 19.05 ug/ml



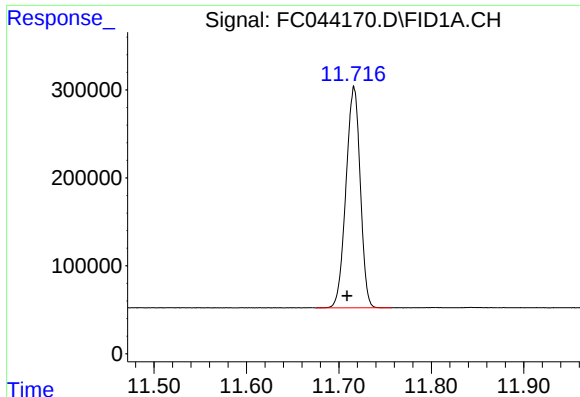
#7 n-Hexadecane (C16)

R.T.: 9.946 min
Delta R.T.: 0.008 min
Response: 2146619
Conc: 18.79 ug/ml



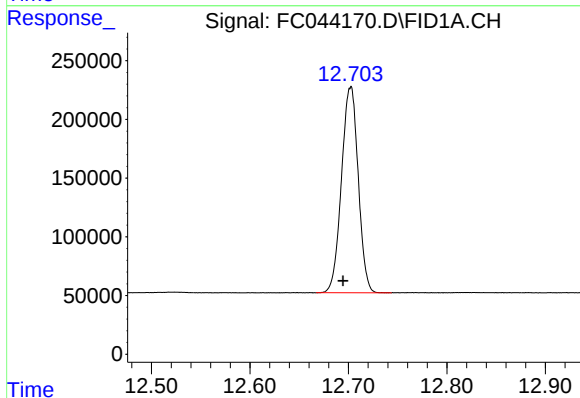
#8 n-Octadecane (C18)

R.T.: 11.391 min
Delta R.T.: 0.008 min
Response: 2116463
Conc: 18.49 ug/ml



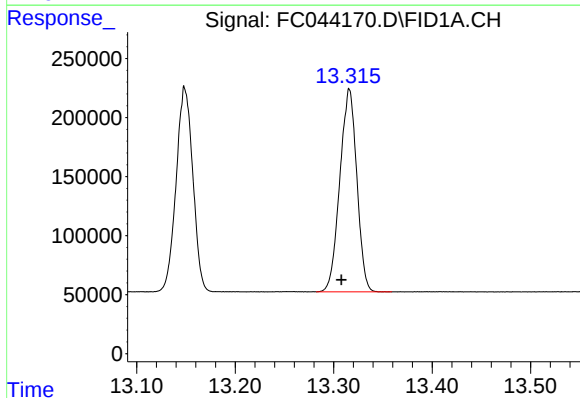
#9 ortho-Terphenyl (SURR)

R.T.: 11.716 min
Delta R.T.: 0.008 min
Response: 2699216
Conc: 18.52 ug/ml



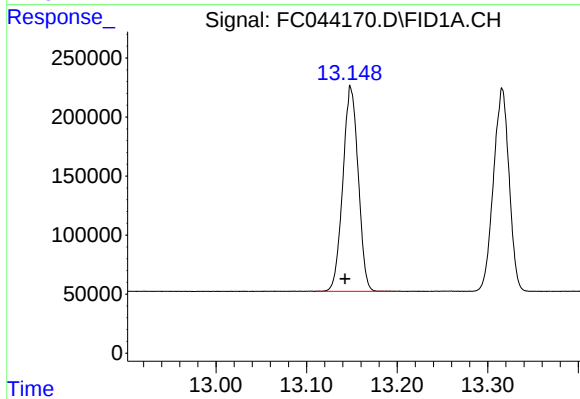
#10 n-Eicosane (C20)

R.T.: 12.702 min
Delta R.T.: 0.008 min
Response: 2072073
Conc: 18.17 ug/ml



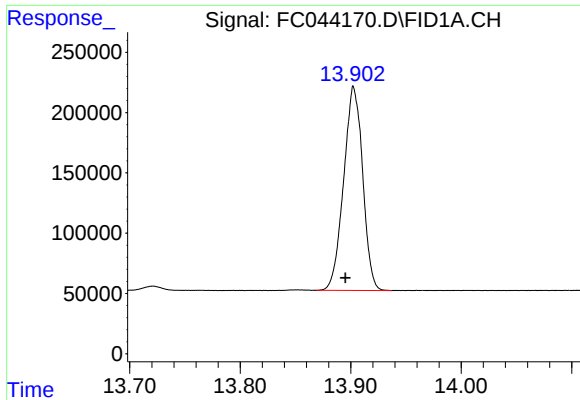
#11 n-Heneicosane (C21)

R.T.: 13.316 min
Delta R.T.: 0.008 min
Response: 2060100
Conc: 17.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.149 min
Delta R.T.: 0.007 min
Response: 2040737
Conc: 18.25 ug/ml



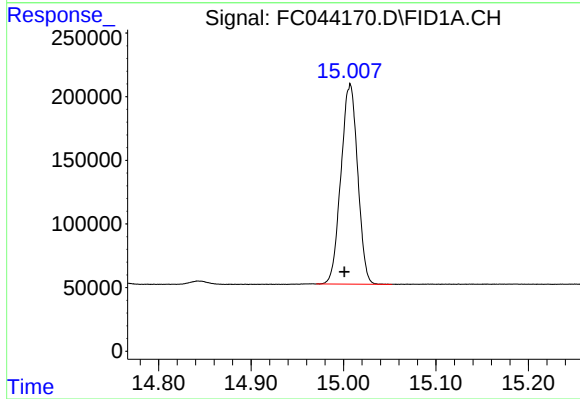
#13 n-Docosane (C22)

R.T.: 13.903 min

Delta R.T.: 0.007 min

Response: 2024187

Conc: 17.83 ug/ml



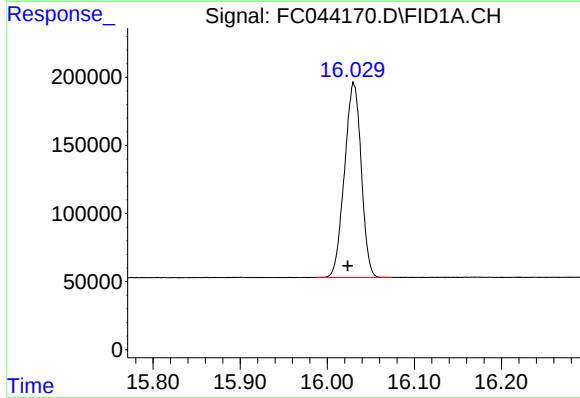
#14 n-Tetracosane (C24)

R.T.: 15.007 min

Delta R.T.: 0.006 min

Response: 1976138

Conc: 17.48 ug/ml



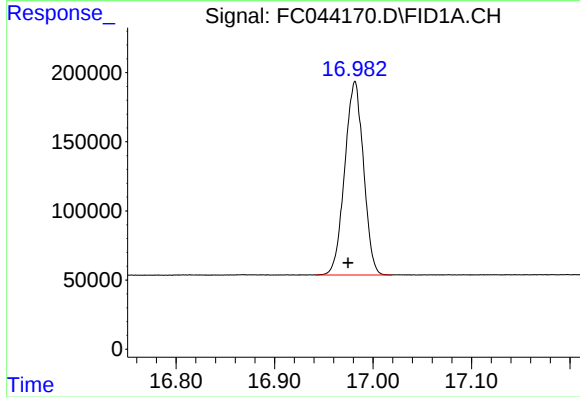
#15 n-Hexacosane (C26)

R.T.: 16.030 min

Delta R.T.: 0.007 min

Response: 1905792

Conc: 17.23 ug/ml



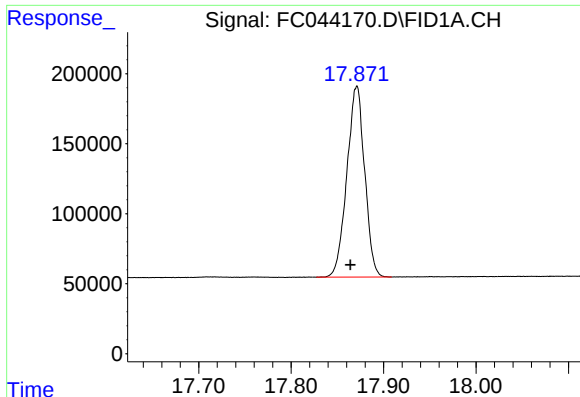
#16 n-Octacosane (C28)

R.T.: 16.982 min

Delta R.T.: 0.007 min

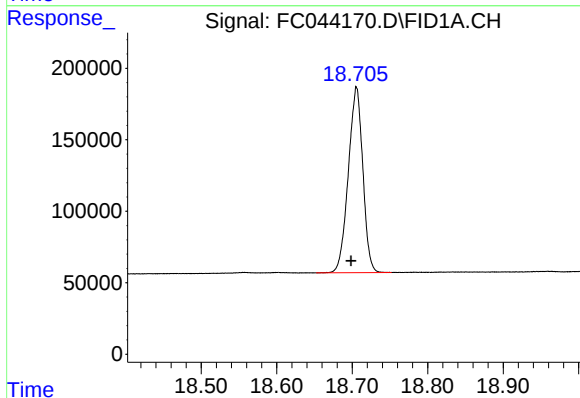
Response: 1853735

Conc: 17.11 ug/ml



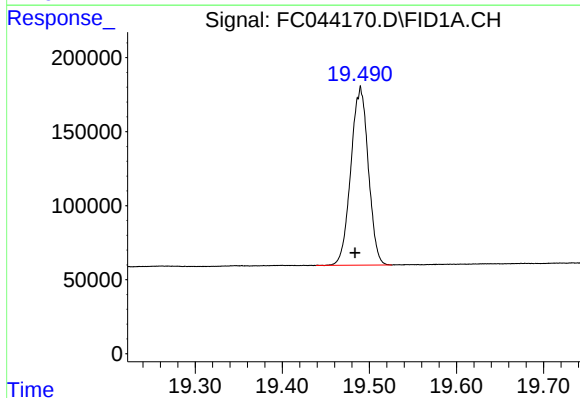
#17 n-Tricontane (C30)

R.T.: 17.871 min
Delta R.T.: 0.007 min
Response: 1821168
Conc: 17.21 ug/ml



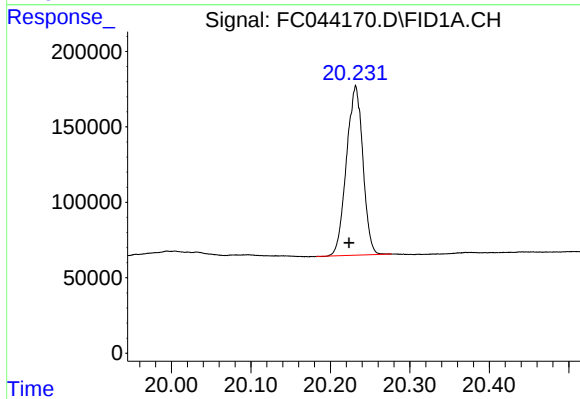
#18 n-Dotriacontane (C32)

R.T.: 18.706 min
Delta R.T.: 0.007 min
Response: 1731747
Conc: 17.20 ug/ml



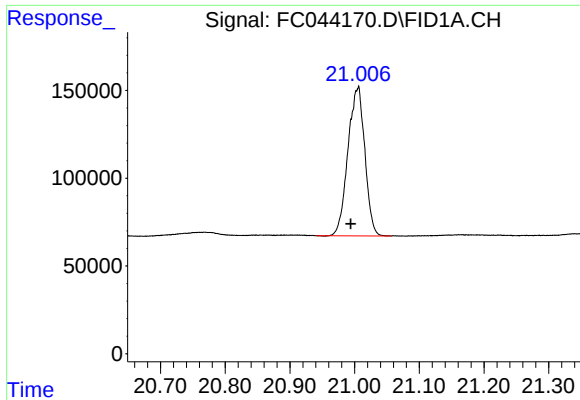
#19 n-Tetratriacontane (C34)

R.T.: 19.490 min
Delta R.T.: 0.006 min
Response: 1670460
Conc: 17.82 ug/ml



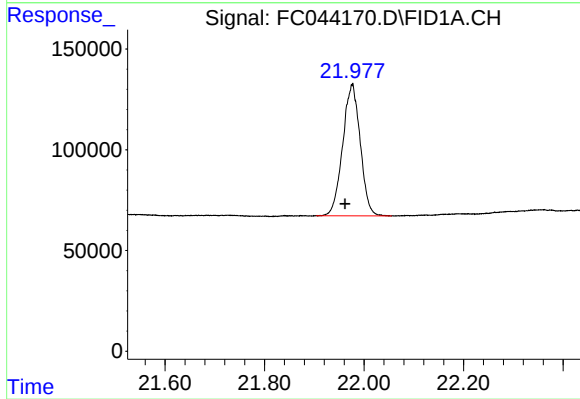
#20 n-Hexatriacontane (C36)

R.T.: 20.232 min
Delta R.T.: 0.008 min
Response: 1611496
Conc: 18.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.005 min
Delta R.T.: 0.011 min
Response: 1535588
Conc: 19.04 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.977 min
Delta R.T.: 0.015 min
Response: 1598047
Conc: 18.91 ug/ml