

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121619AL\
 Data File : FC044944.D
 Signal(s) : FID1A.CH
 Acq On : 16 Dec 2019 13:21
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 16 14:17:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112219.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 23 03:00:37 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)	11.757	2508698	22.016 ug/ml
Spiked Amount 50.000		Recovery =	44.03%
12) S 1-chlorooctadecane (S...	13.181	1946749	21.984 ug/ml
Spiked Amount 50.000		Recovery =	43.97%
Target Compounds			
1) T n-Nonane (C9)	3.504	2353465	23.149 ug/ml
2) T n-Decane (C10)	4.579	2375139	23.388 ug/ml
3) T A~Naphthalene (C11.7)	6.180	2653957	23.229 ug/ml
4) T n-Dodecane (C12)	6.598	2401224	23.602 ug/ml
5) T A~2-methylnaphthalene...	7.235	2663751	23.230 ug/ml
6) T n-Tetradecane (C14)	8.390	2410321	23.647 ug/ml
7) T n-Hexadecane (C16)	9.988	2411772	23.505 ug/ml
8) T n-Octadecane (C18)	11.427	2392507	23.107 ug/ml
10) T n-Eicosane (C20)	12.735	2340594	22.437 ug/ml
11) T n-Heneicosane (C21)	13.346	2321924	22.012 ug/ml
13) T n-Docosane (C22)	13.932	2278173	21.595 ug/ml
14) T n-Tetracosane (C24)	15.033	2219873	20.735 ug/ml
15) T n-Hexacosane (C26)	16.051	2144706	20.152 ug/ml
16) T n-Octacosane (C28)	17.000	2075851	19.778 ug/ml
17) T n-Tricontane (C30)	17.885	1975875	19.734 ug/ml
18) T n-Dotriacontane (C32)	18.716	1678827	20.163 ug/ml
19) T n-Tetratriacontane (C34)	19.496	1457111	21.238 ug/ml
20) T n-Hexatriacontane (C36)	20.234	1337385	22.406 ug/ml
21) T n-Octatriacontane (C38)	21.006	1262568	23.486 ug/ml
22) T n-Tetracontane (C40)	21.977	1282098	23.930 ug/ml

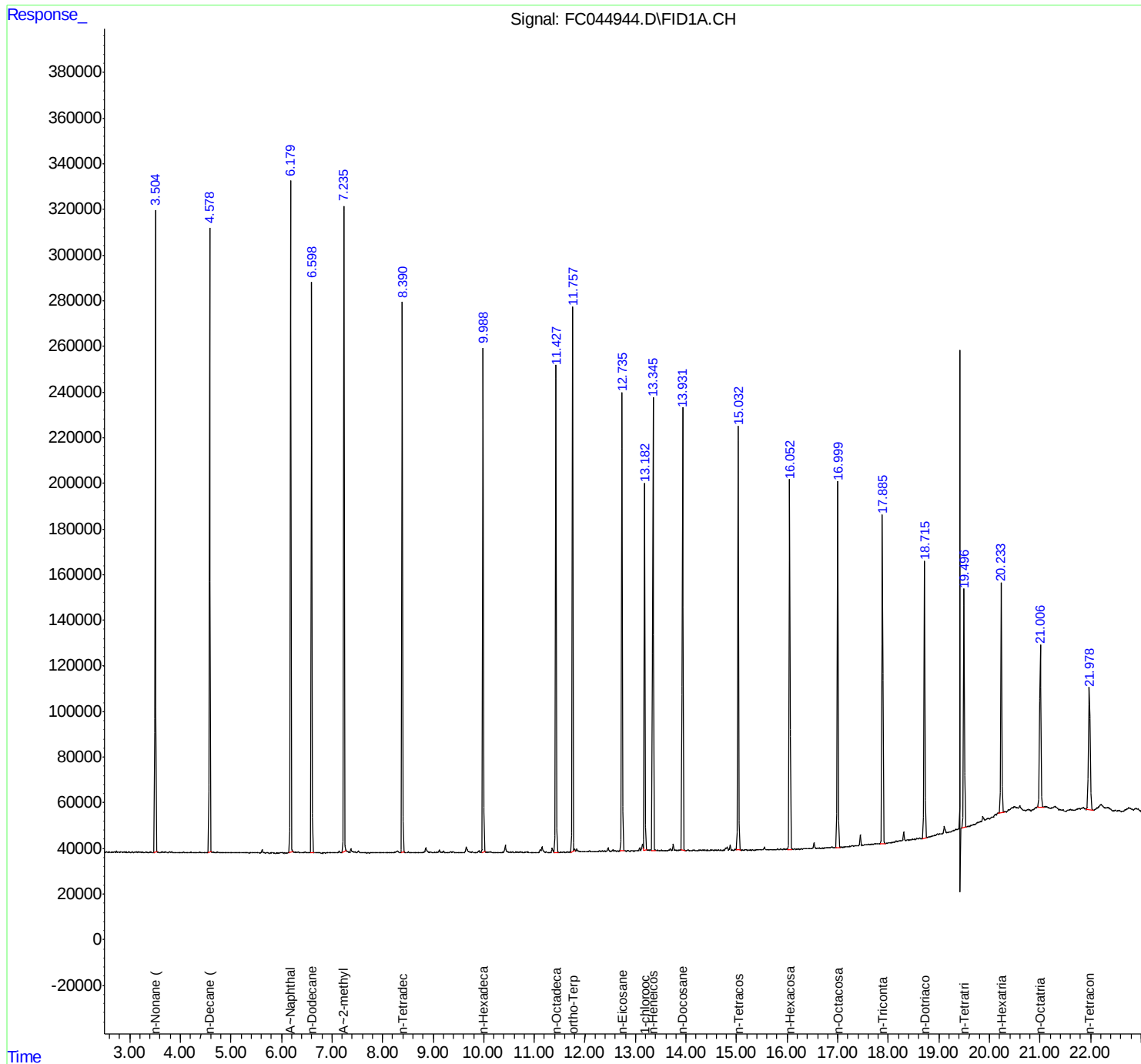
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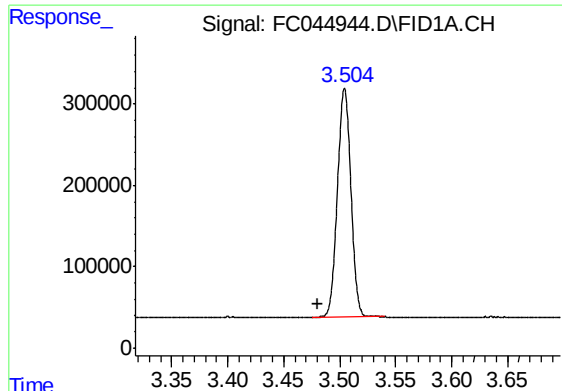
(m)=manual int.

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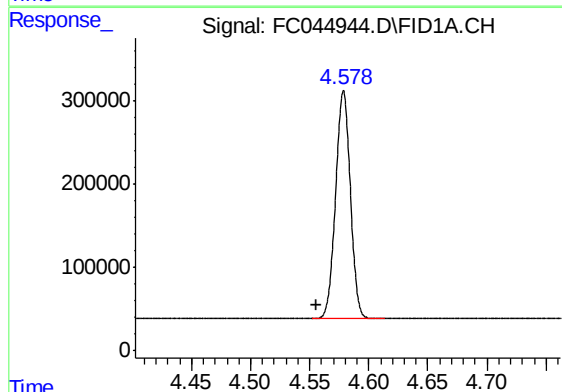
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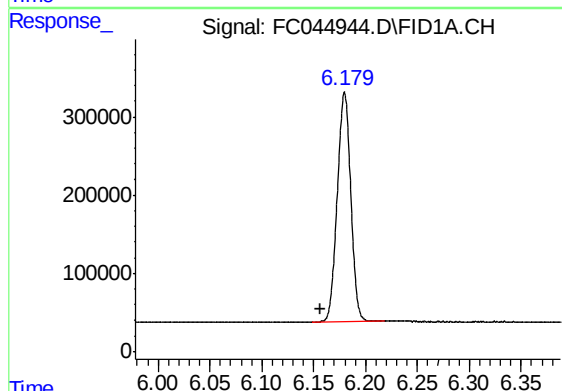
#1 n-Nonane (C9)

R.T.: 3.504 min
Delta R.T.: 0.023 min
Response: 2353465
Conc: 23.15 ug/ml



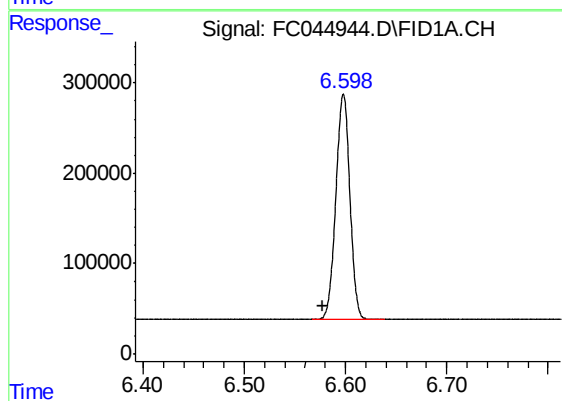
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: 0.022 min
Response: 2375139
Conc: 23.39 ug/ml



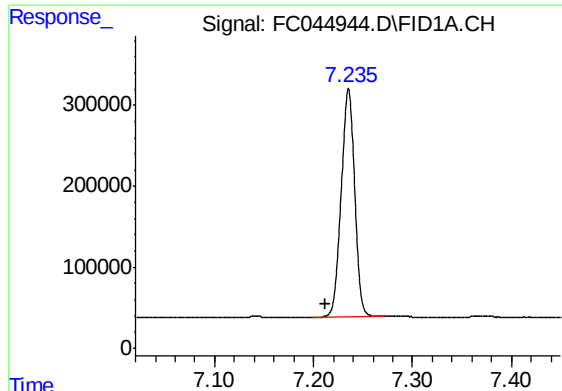
#3 A~Naphthalene (C11.7)

R.T.: 6.180 min
Delta R.T.: 0.023 min
Response: 2653957
Conc: 23.23 ug/ml



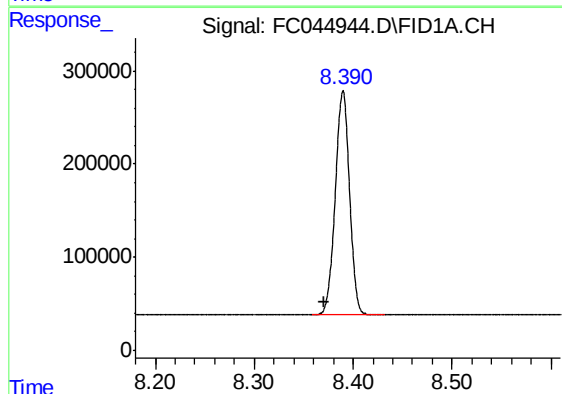
#4 n-Dodecane (C12)

R.T.: 6.598 min
Delta R.T.: 0.021 min
Response: 2401224
Conc: 23.60 ug/ml



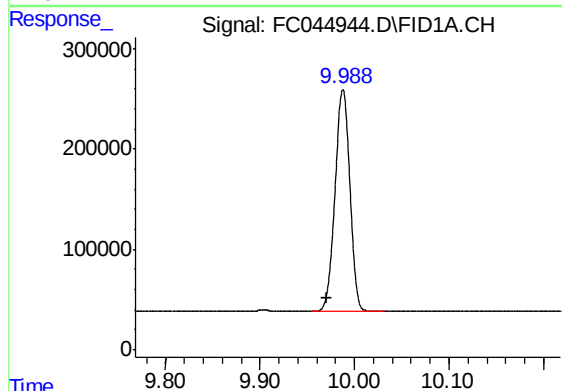
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.235 min
Delta R.T.: 0.023 min
Response: 2663751
Conc: 23.23 ug/ml



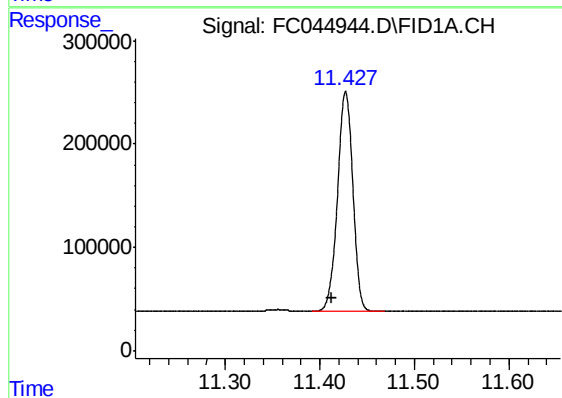
#6 n-Tetradecane (C14)

R.T.: 8.390 min
Delta R.T.: 0.019 min
Response: 2410321
Conc: 23.65 ug/ml



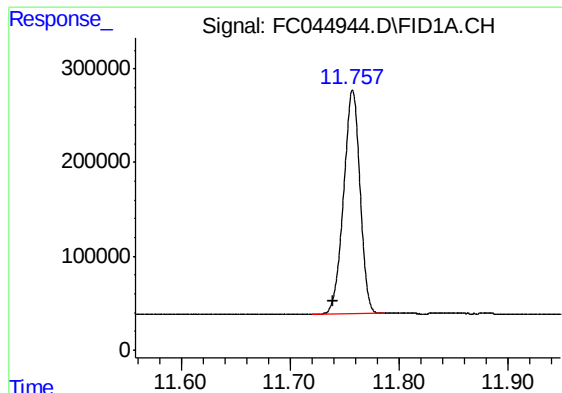
#7 n-Hexadecane (C16)

R.T.: 9.988 min
Delta R.T.: 0.018 min
Response: 2411772
Conc: 23.50 ug/ml



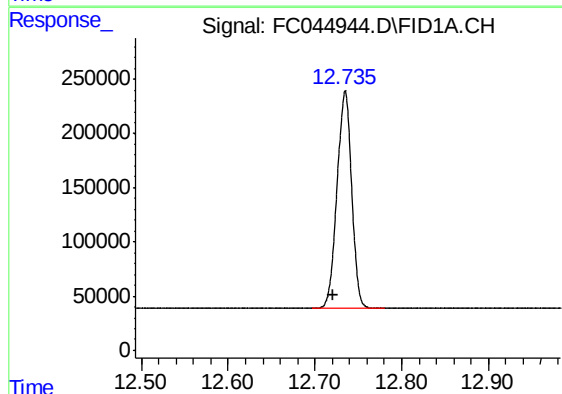
#8 n-Octadecane (C18)

R.T.: 11.427 min
Delta R.T.: 0.015 min
Response: 2392507
Conc: 23.11 ug/ml



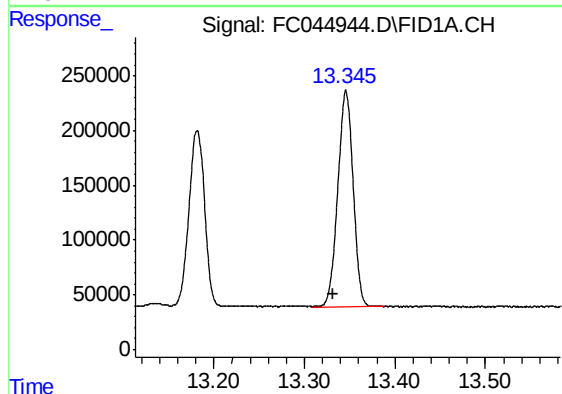
#9 ortho-Terphenyl (SURR)

R.T.: 11.757 min
Delta R.T.: 0.018 min
Response: 2508698
Conc: 22.02 ug/ml



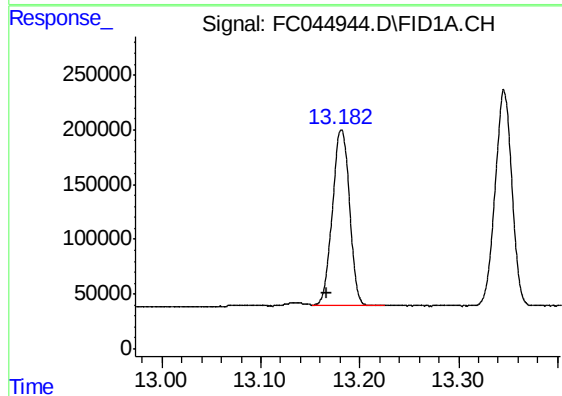
#10 n-Eicosane (C20)

R.T.: 12.735 min
Delta R.T.: 0.014 min
Response: 2340594
Conc: 22.44 ug/ml



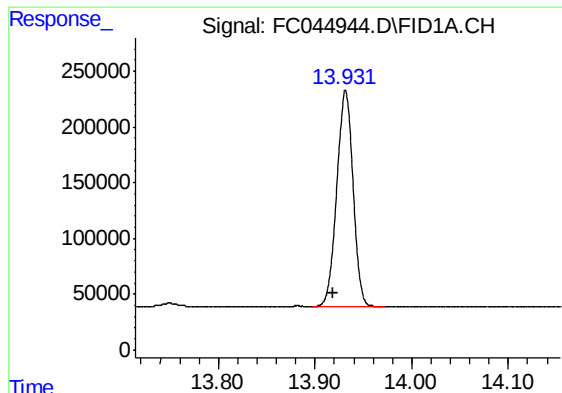
#11 n-Heneicosane (C21)

R.T.: 13.346 min
Delta R.T.: 0.014 min
Response: 2321924
Conc: 22.01 ug/ml



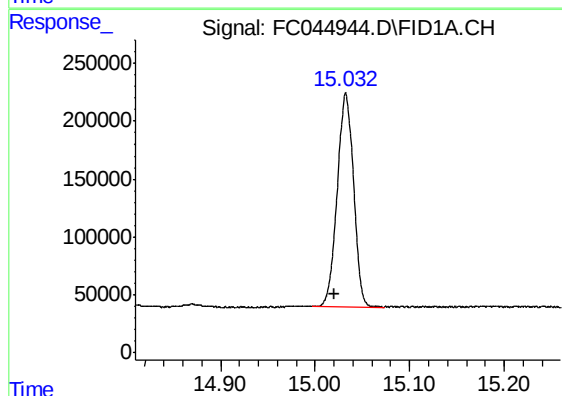
#12 1-chlorooctadecane (SURR)

R.T.: 13.181 min
Delta R.T.: 0.014 min
Response: 1946749
Conc: 21.98 ug/ml



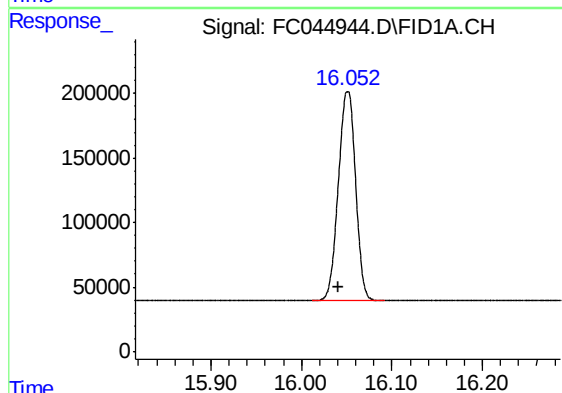
#13 n-Docosane (C22)

R.T.: 13.932 min
Delta R.T.: 0.013 min
Response: 2278173
Conc: 21.60 ug/ml



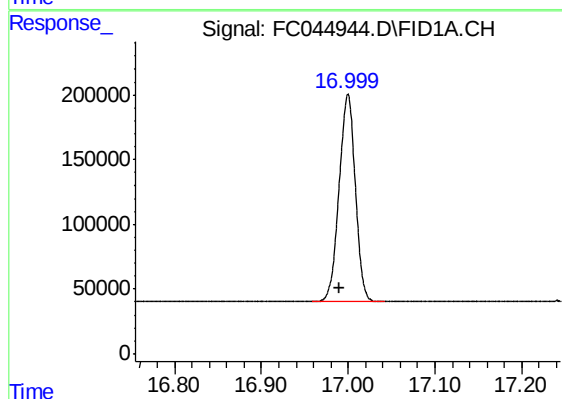
#14 n-Tetracosane (C24)

R.T.: 15.033 min
Delta R.T.: 0.012 min
Response: 2219873
Conc: 20.74 ug/ml



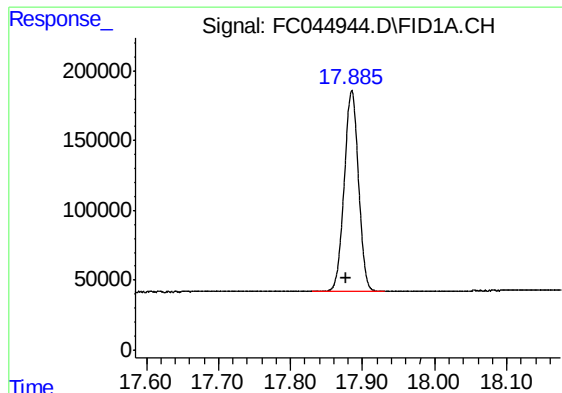
#15 n-Hexacosane (C26)

R.T.: 16.051 min
Delta R.T.: 0.010 min
Response: 2144706
Conc: 20.15 ug/ml



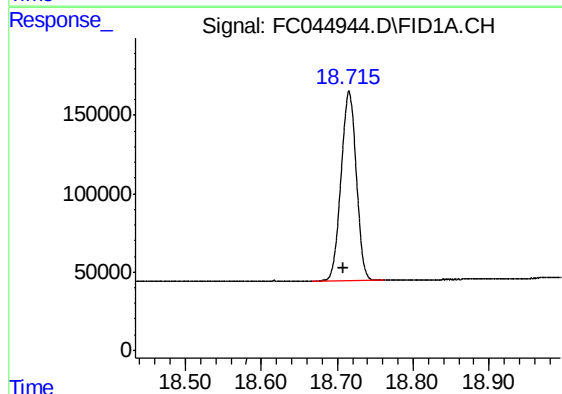
#16 n-Octacosane (C28)

R.T.: 17.000 min
Delta R.T.: 0.010 min
Response: 2075851
Conc: 19.78 ug/ml



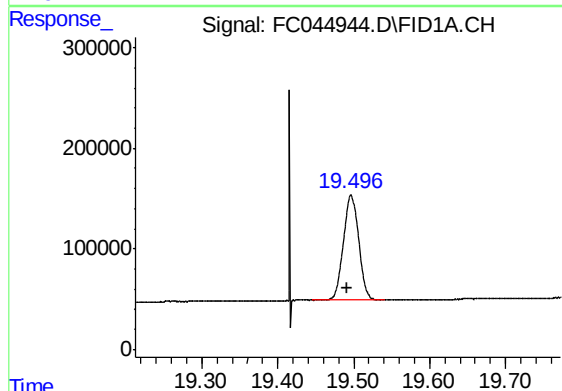
#17 n-Tricontane (C30)

R.T.: 17.885 min
Delta R.T.: 0.008 min
Response: 1975875
Conc: 19.73 ug/ml



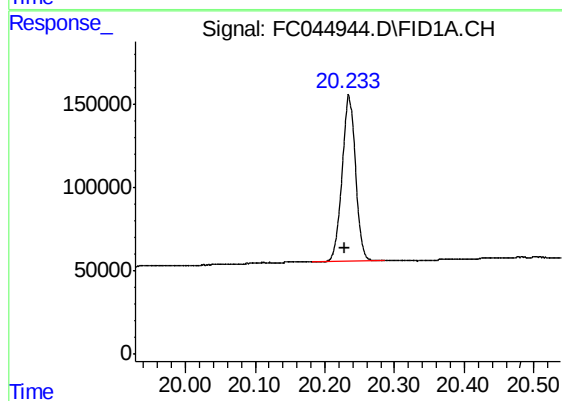
#18 n-Dotriacontane (C32)

R.T.: 18.716 min
Delta R.T.: 0.007 min
Response: 1678827
Conc: 20.16 ug/ml



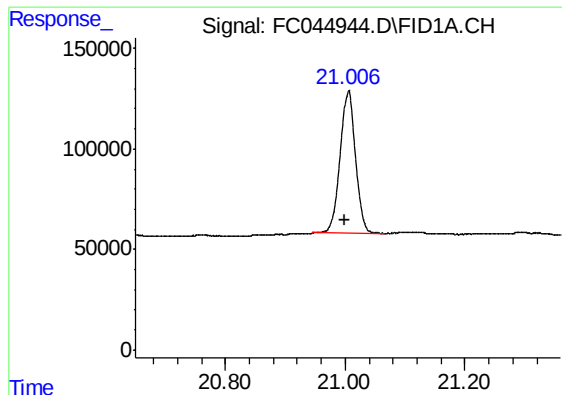
#19 n-Tetatriacontane (C34)

R.T.: 19.496 min
Delta R.T.: 0.005 min
Response: 1457111
Conc: 21.24 ug/ml



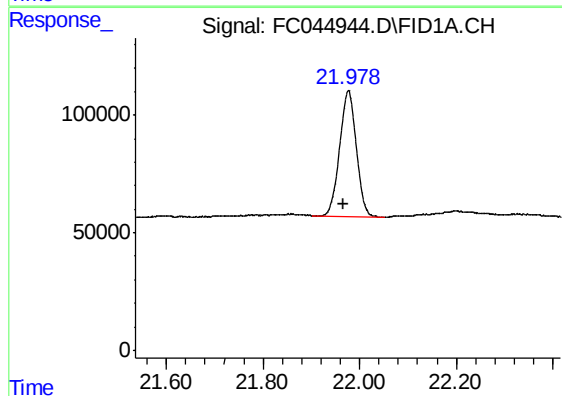
#20 n-Hexatriacontane (C36)

R.T.: 20.234 min
Delta R.T.: 0.006 min
Response: 1337385
Conc: 22.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.006 min
Delta R.T.: 0.008 min
Response: 1262568
Conc: 23.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.977 min
Delta R.T.: 0.010 min
Response: 1282098
Conc: 23.93 ug/ml