

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111119AL\
 Data File : FC044472.D
 Signal(s) : FID1A.CH
 Acq On : 11 Nov 2019 9:51
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 11 15:58:49 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	2273504	15.597 ug/ml
Spiked Amount 50.000		Recovery =	31.19%
12) S 1-chlorooctadecane (S...	13.146	1706228	15.260 ug/ml
Spiked Amount 50.000		Recovery =	30.52%
Target Compounds			
1) T n-Nonane (C9)	3.447	2238416	20.320 ug/ml
2) T n-Decane (C10)	4.523	2251118	20.267 ug/ml
3) T A~Naphthalene (C11.7)	6.123	2475157	19.893 ug/ml
4) T n-Dodecane (C12)	6.549	2253057	20.034 ug/ml
5) T A~2-methylnaphthalene...	7.183	2466623	19.560 ug/ml
6) T n-Tetradecane (C14)	8.345	2222987	19.649 ug/ml
7) T n-Hexadecane (C16)	9.947	2190801	19.173 ug/ml
8) T n-Octadecane (C18)	11.389	2133633	18.635 ug/ml
10) T n-Eicosane (C20)	12.699	2052560	17.997 ug/ml
11) T n-Heneicosane (C21)	13.312	2024710	17.652 ug/ml
13) T n-Docosane (C22)	13.898	1969911	17.347 ug/ml
14) T n-Tetracosane (C24)	15.003	1911370	16.903 ug/ml
15) T n-Hexacosane (C26)	16.024	1834608	16.582 ug/ml
16) T n-Octacosane (C28)	16.974	1811097	16.719 ug/ml
17) T n-Tricontane (C30)	17.863	1816466	17.163 ug/ml
18) T n-Dotriacontane (C32)	18.696	1787122	17.745 ug/ml
19) T n-Tetratriacontane (C34)	19.481	1778879	18.972 ug/ml
20) T n-Hexatriacontane (C36)	20.221	1751267	20.174 ug/ml
21) T n-Octatriacontane (C38)	20.990	1660943	20.597 ug/ml
22) T n-Tetracontane (C40)	21.958	1739505	20.579 ug/ml

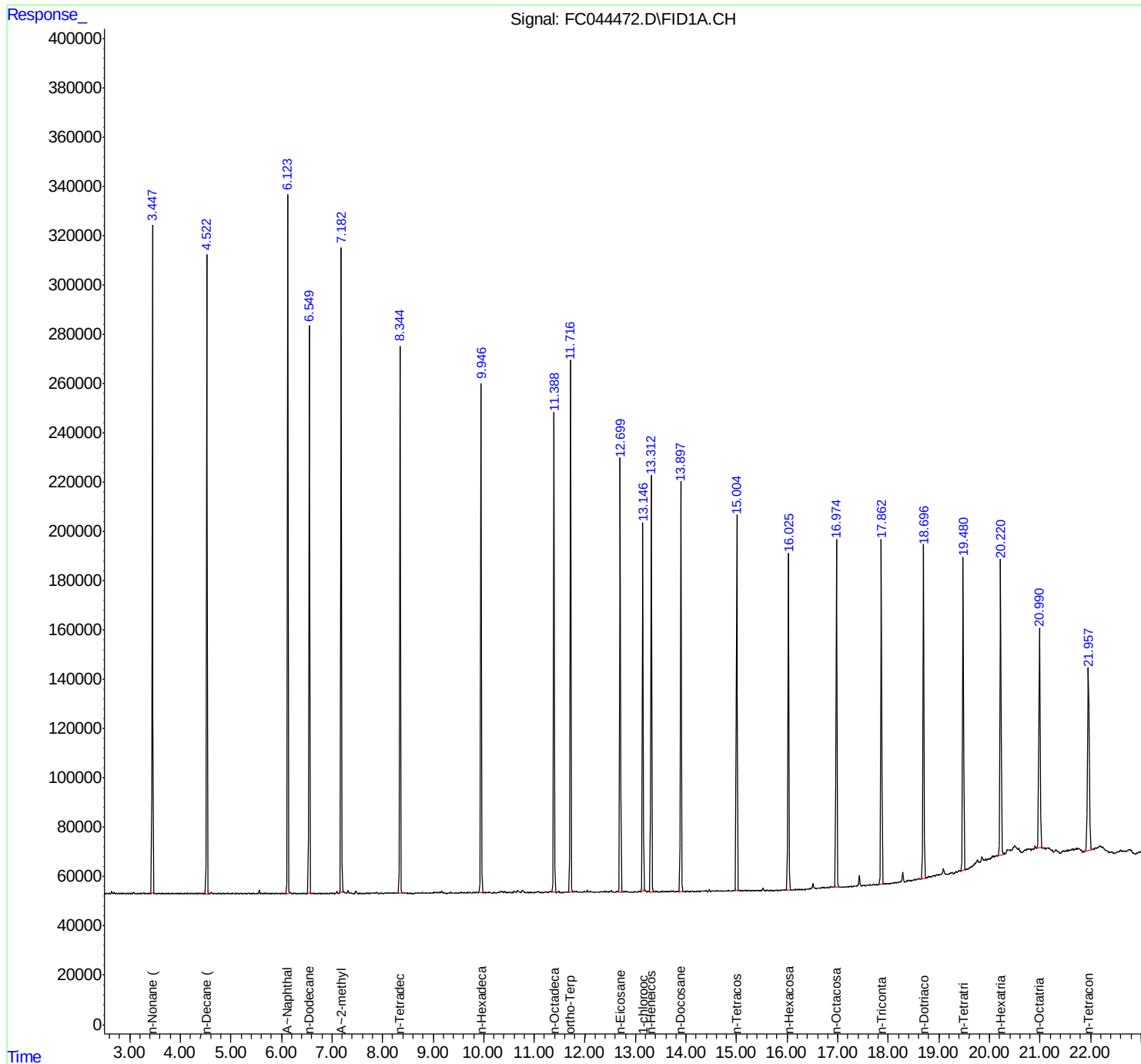
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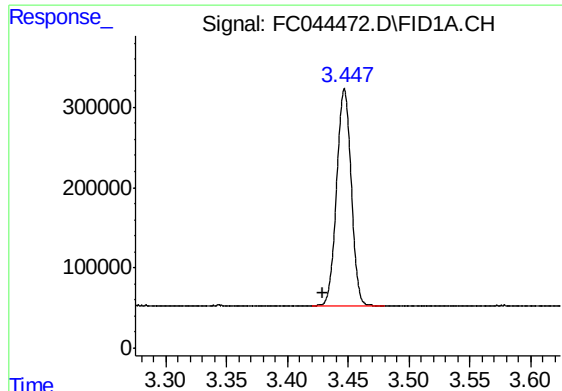
(m)=manual int.

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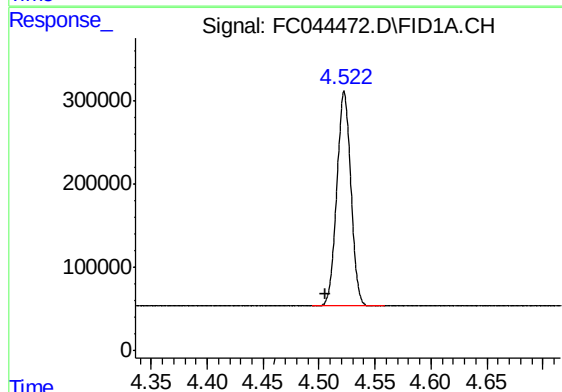
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Signal Info : 20M x 0.18mm x 0.18um





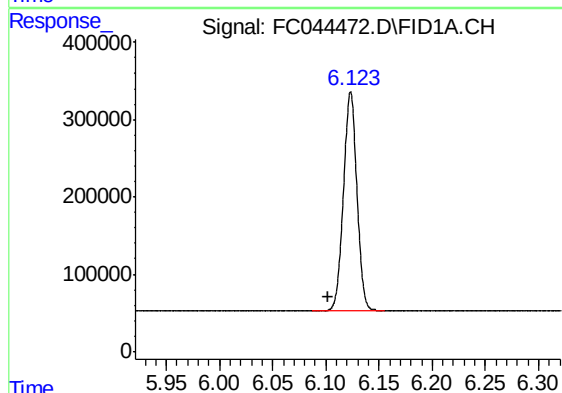
#1 n-Nonane (C9)

R.T.: 3.447 min
Delta R.T.: 0.018 min
Response: 2238416
Conc: 20.32 ug/ml



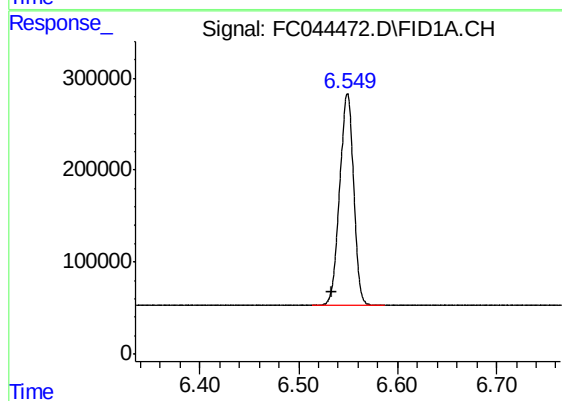
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: 0.017 min
Response: 2251118
Conc: 20.27 ug/ml



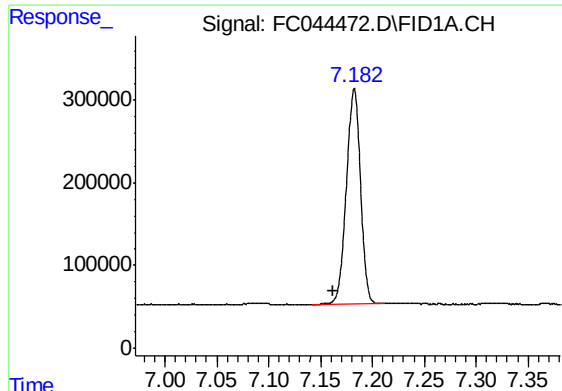
#3 A~Naphthalene (C11.7)

R.T.: 6.123 min
Delta R.T.: 0.021 min
Response: 2475157
Conc: 19.89 ug/ml



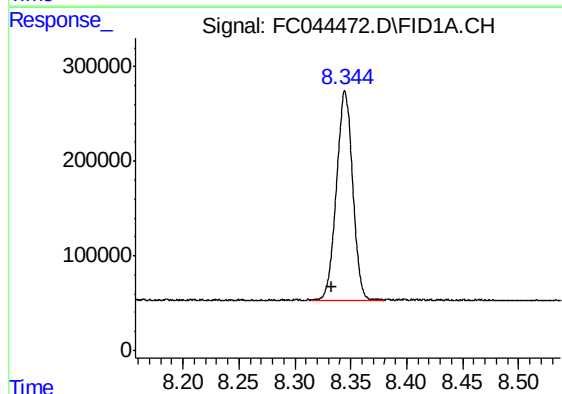
#4 n-Dodecane (C12)

R.T.: 6.549 min
Delta R.T.: 0.016 min
Response: 2253057
Conc: 20.03 ug/ml



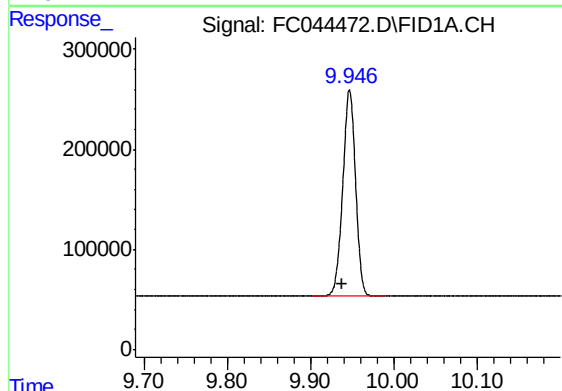
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.183 min
Delta R.T.: 0.020 min
Response: 2466623
Conc: 19.56 ug/ml



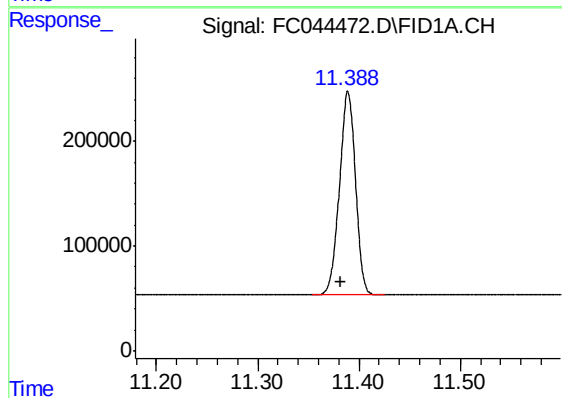
#6 n-Tetradecane (C14)

R.T.: 8.345 min
Delta R.T.: 0.012 min
Response: 2222987
Conc: 19.65 ug/ml



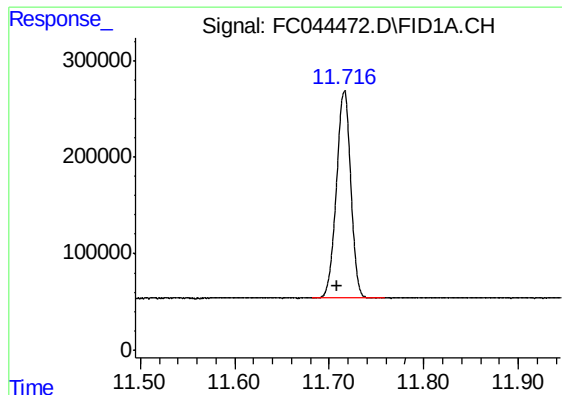
#7 n-Hexadecane (C16)

R.T.: 9.947 min
Delta R.T.: 0.009 min
Response: 2190801
Conc: 19.17 ug/ml



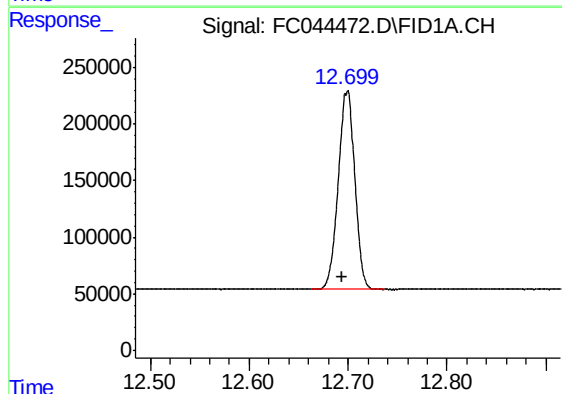
#8 n-Octadecane (C18)

R.T.: 11.389 min
Delta R.T.: 0.006 min
Response: 2133633
Conc: 18.64 ug/ml



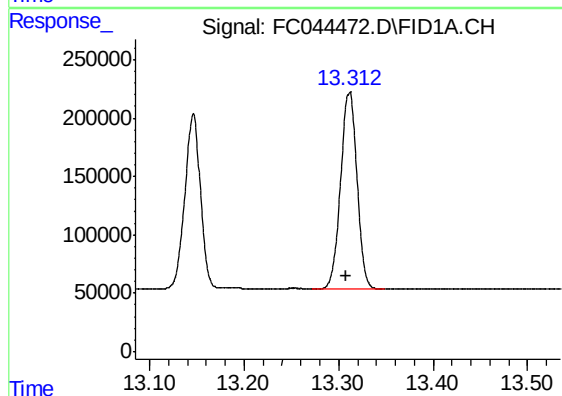
#9 ortho-Terphenyl (SURR)

R.T.: 11.716 min
Delta R.T.: 0.007 min
Response: 2273504
Conc: 15.60 ug/ml



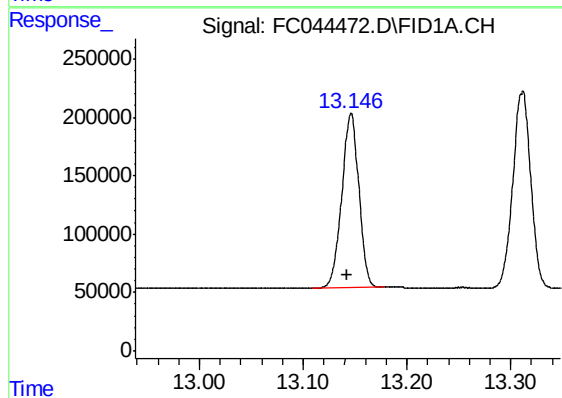
#10 n-Eicosane (C20)

R.T.: 12.699 min
Delta R.T.: 0.005 min
Response: 2052560
Conc: 18.00 ug/ml



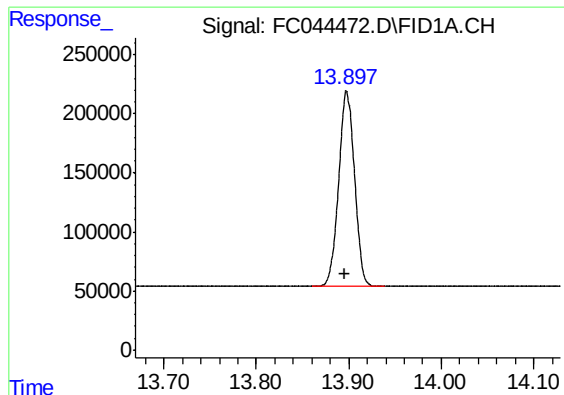
#11 n-Heneicosane (C21)

R.T.: 13.312 min
Delta R.T.: 0.004 min
Response: 2024710
Conc: 17.65 ug/ml



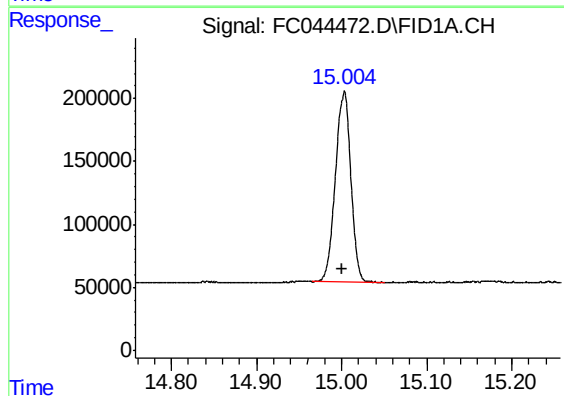
#12 1-chlorooctadecane (SURR)

R.T.: 13.146 min
Delta R.T.: 0.004 min
Response: 1706228
Conc: 15.26 ug/ml



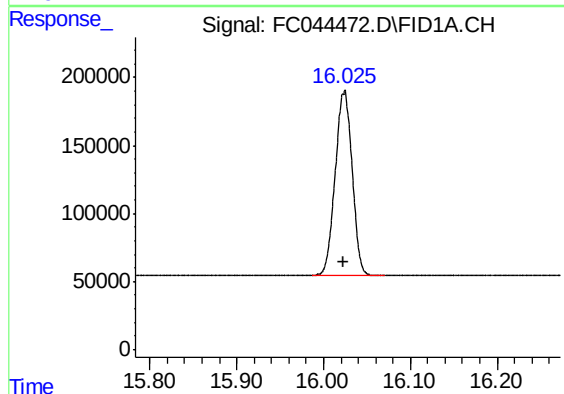
#13 n-Docosane (C22)

R.T.: 13.898 min
Delta R.T.: 0.002 min
Response: 1969911
Conc: 17.35 ug/ml



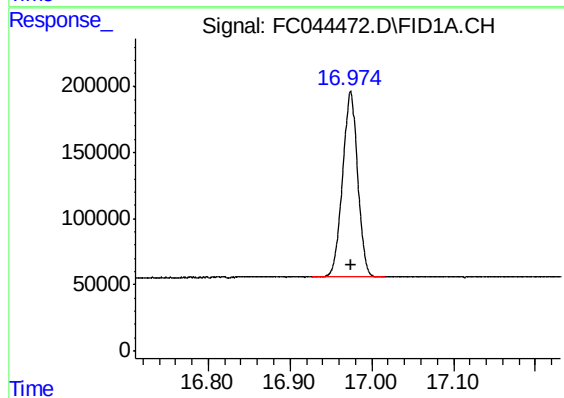
#14 n-Tetracosane (C24)

R.T.: 15.003 min
Delta R.T.: 0.002 min
Response: 1911370
Conc: 16.90 ug/ml



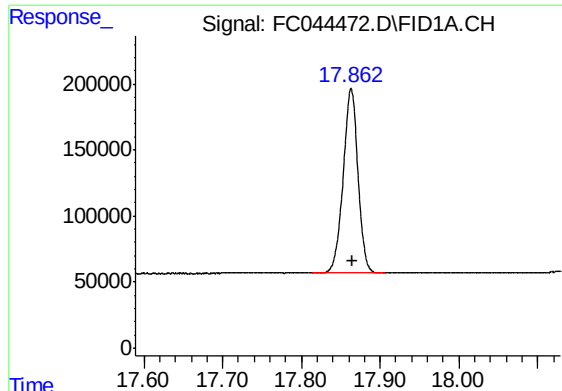
#15 n-Hexacosane (C26)

R.T.: 16.024 min
Delta R.T.: 0.000 min
Response: 1834608
Conc: 16.58 ug/ml



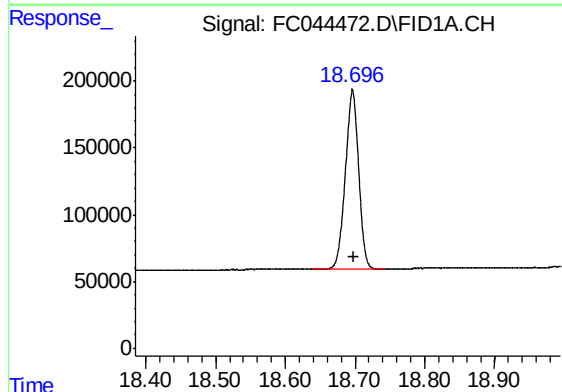
#16 n-Octacosane (C28)

R.T.: 16.974 min
Delta R.T.: 0.000 min
Response: 1811097
Conc: 16.72 ug/ml



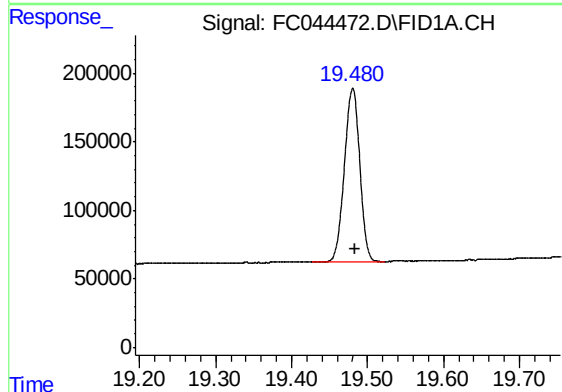
#17 n-Tricontane (C30)

R.T.: 17.863 min
Delta R.T.: -0.001 min
Response: 1816466
Conc: 17.16 ug/ml



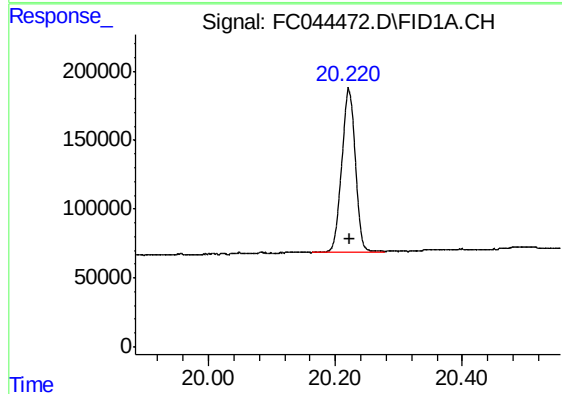
#18 n-Dotriacontane (C32)

R.T.: 18.696 min
Delta R.T.: -0.002 min
Response: 1787122
Conc: 17.75 ug/ml



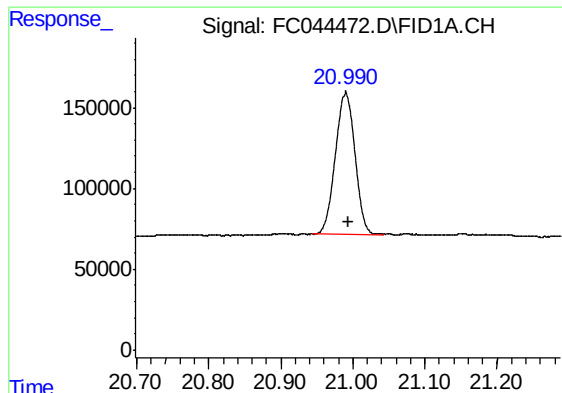
#19 n-Tetatriacontane (C34)

R.T.: 19.481 min
Delta R.T.: -0.003 min
Response: 1778879
Conc: 18.97 ug/ml



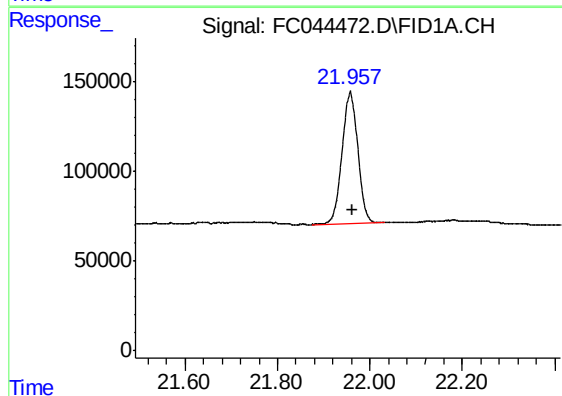
#20 n-Hexatriacontane (C36)

R.T.: 20.221 min
Delta R.T.: -0.002 min
Response: 1751267
Conc: 20.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.990 min
Delta R.T.: -0.004 min
Response: 1660943
Conc: 20.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.958 min
Delta R.T.: -0.004 min
Response: 1739505
Conc: 20.58 ug/ml