

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100819AL\
 Data File : FC043849.D
 Signal(s) : FID1A.CH
 Acq On : 09 Oct 2019 9:33
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 09 11:45:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 10:57:53 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)	11.584	2899658	19.104 ug/ml
Spiked Amount 50.000		Recovery =	38.21%
12) S 1-chlorooctadecane (S...	13.005	2194139	18.506 ug/ml
Spiked Amount 50.000		Recovery =	37.01%
Target Compounds			
1) T n-Nonane (C9)	3.429	2691035	22.258 ug/ml
2) T n-Decane (C10)	4.483	2760014	22.803 ug/ml
3) T A~Naphthalene (C11.7)	6.063	2678797	22.753 ug/ml
4) T n-Dodecane (C12)	6.475	2834362	22.409 ug/ml
5) T A~2-methylnaphthalene...	7.108	2729912	22.654 ug/ml
6) T n-Tetradecane (C14)	8.250	2824162	21.940 ug/ml
7) T n-Hexadecane (C16)	9.835	2808544	21.330 ug/ml
8) T n-Octadecane (C18)	11.263	2752566	20.181 ug/ml
10) T n-Eicosane (C20)	12.561	2669761	19.128 ug/ml
11) T n-Heneicosane (C21)	13.169	2642310	18.593 ug/ml
13) T n-Docosane (C22)	13.750	2579934	18.157 ug/ml
14) T n-Tetracosane (C24)	14.847	2516074	17.526 ug/ml
15) T n-Hexacosane (C26)	15.860	2468635	17.263 ug/ml
16) T n-Octacosane (C28)	16.805	2470443	17.427 ug/ml
17) T n-Tricontane (C30)	17.687	2506830	17.875 ug/ml
18) T n-Dotriacontane (C32)	18.516	2461853	18.533 ug/mlm
19) T n-Tetratriacontane (C34)	19.296	2413432	19.316 ug/mlm
20) T n-Hexatriacontane (C36)	20.033	2435782	21.074 ug/ml
21) T n-Octatriacontane (C38)	20.757	2275872	21.383 ug/ml
22) T n-Tetracontane (C40)	21.643	2256599	21.582 ug/ml

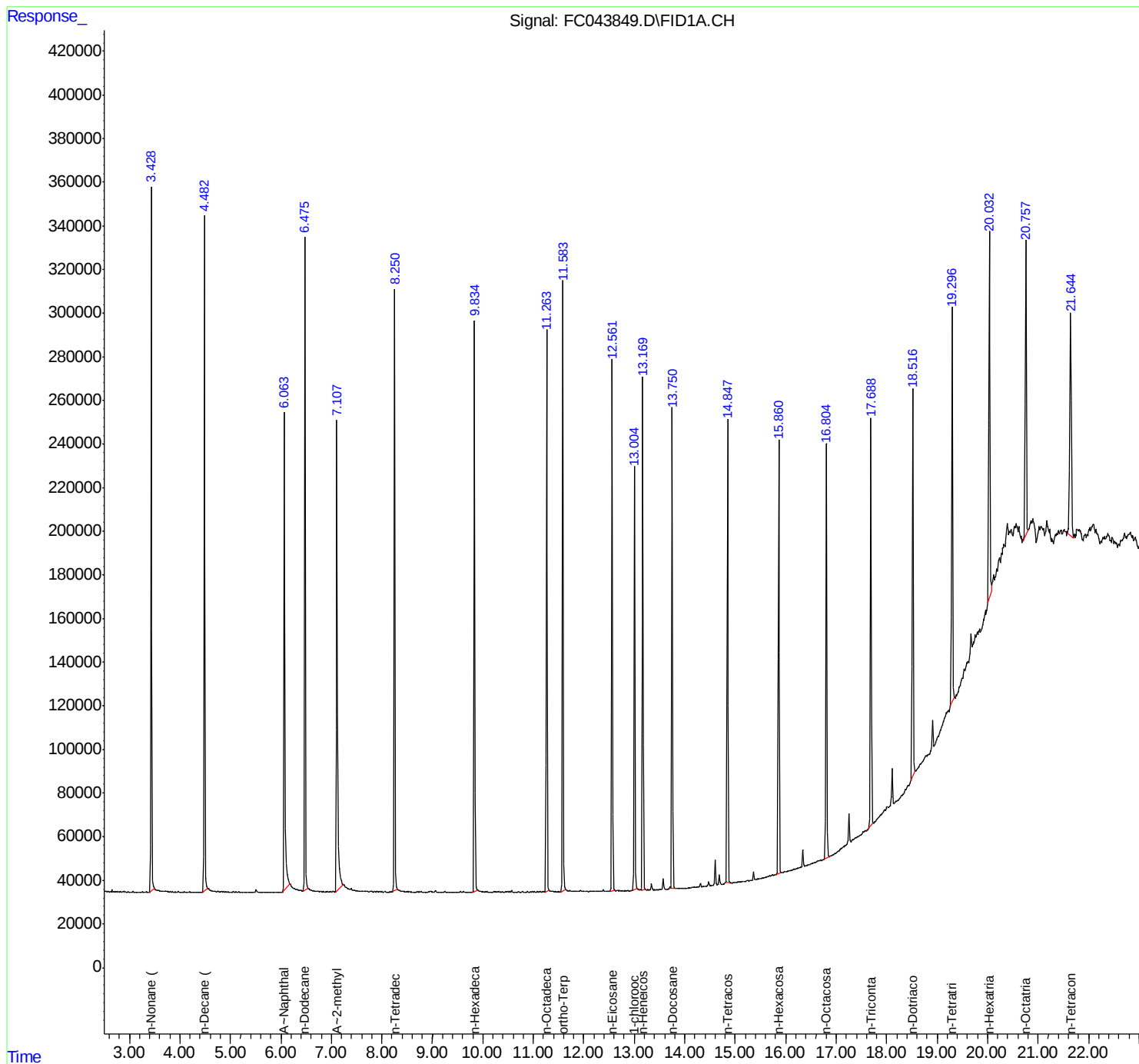
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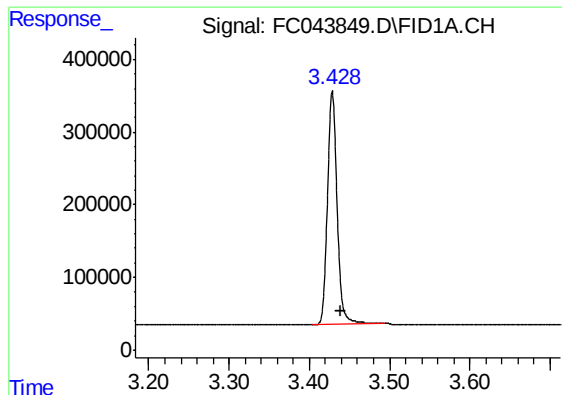
(m)=manual int.

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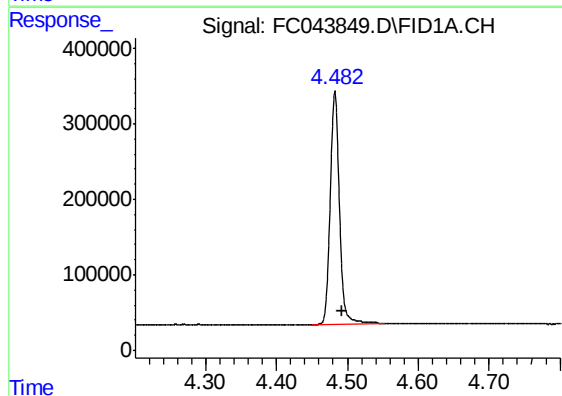
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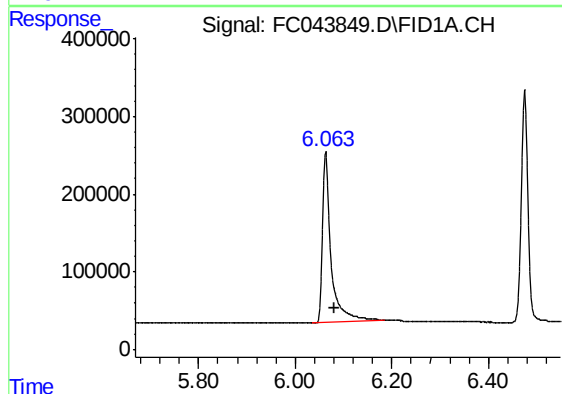
#1 n-Nonane (C9)

R.T.: 3.429 min
Delta R.T.: -0.010 min
Response: 2691035
Conc: 22.26 ug/ml



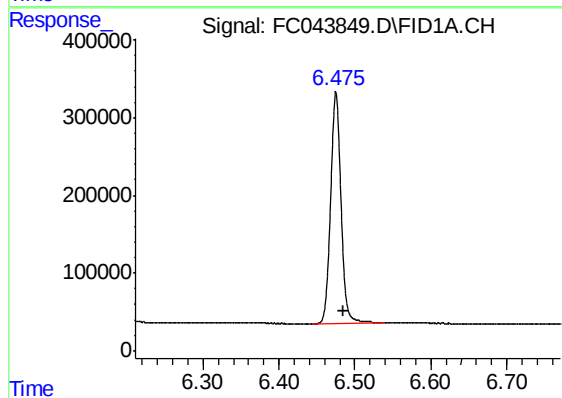
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: -0.009 min
Response: 2760014
Conc: 22.80 ug/ml



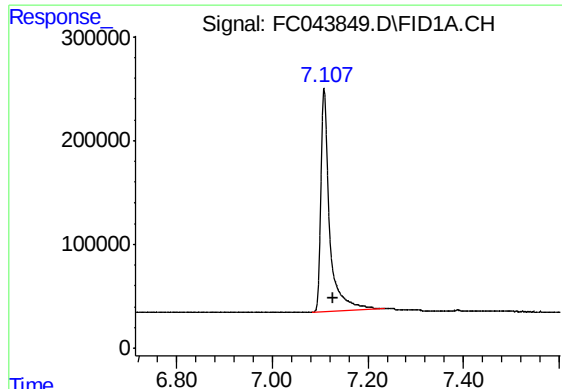
#3 A~Naphthalene (C11.7)

R.T.: 6.063 min
Delta R.T.: -0.017 min
Response: 2678797
Conc: 22.75 ug/ml



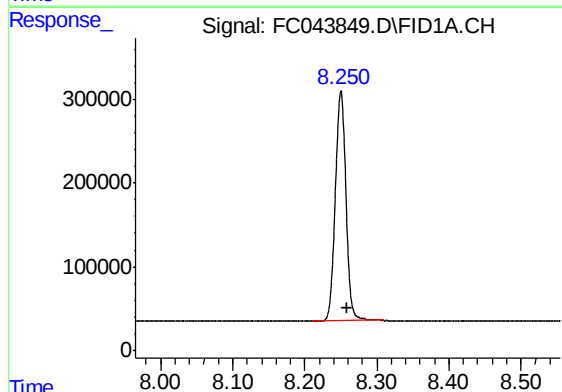
#4 n-Dodecane (C12)

R.T.: 6.475 min
Delta R.T.: -0.010 min
Response: 2834362
Conc: 22.41 ug/ml



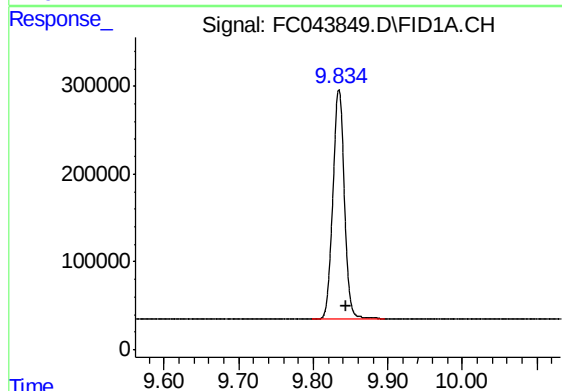
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.108 min
Delta R.T.: -0.019 min
Response: 2729912
Conc: 22.65 ug/ml



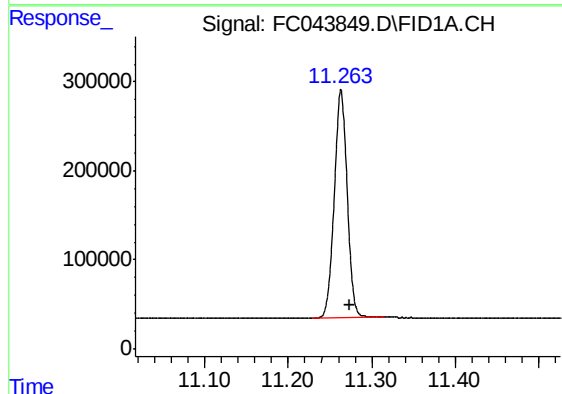
#6 n-Tetradecane (C14)

R.T.: 8.250 min
Delta R.T.: -0.009 min
Response: 2824162
Conc: 21.94 ug/ml



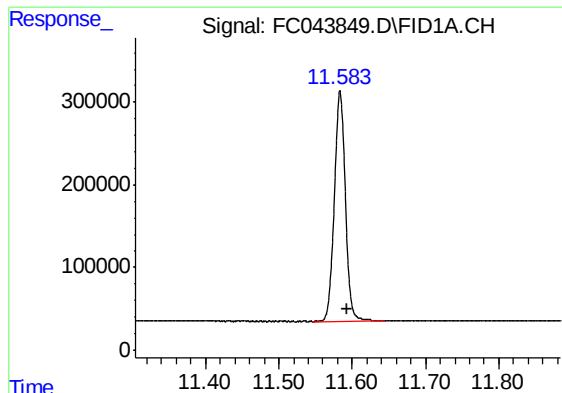
#7 n-Hexadecane (C16)

R.T.: 9.835 min
Delta R.T.: -0.010 min
Response: 2808544
Conc: 21.33 ug/ml



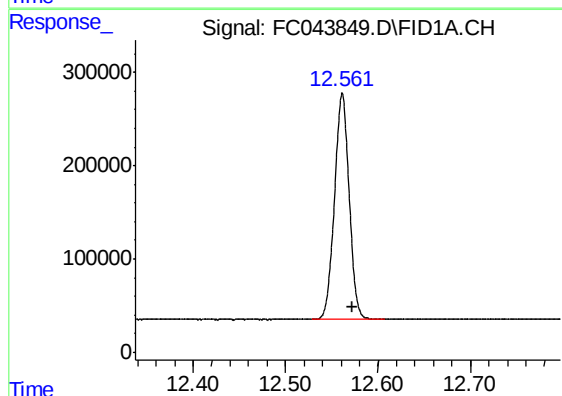
#8 n-Octadecane (C18)

R.T.: 11.263 min
Delta R.T.: -0.010 min
Response: 2752566
Conc: 20.18 ug/ml



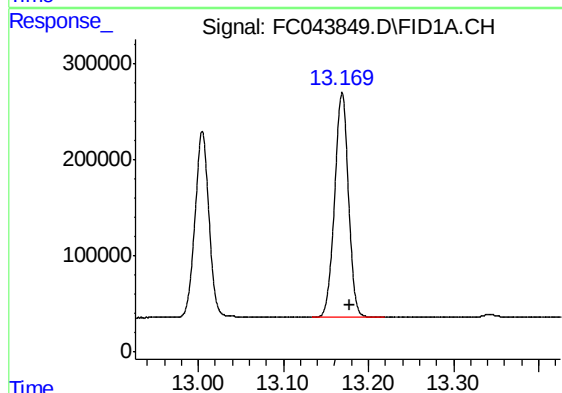
#9 ortho-Terphenyl (SURR)

R.T.: 11.584 min
Delta R.T.: -0.009 min
Response: 2899658
Conc: 19.10 ug/ml



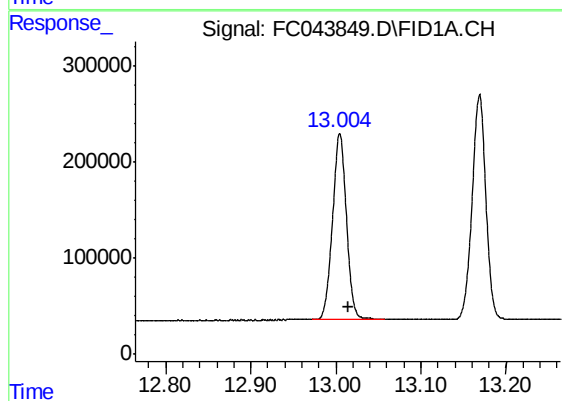
#10 n-Eicosane (C20)

R.T.: 12.561 min
Delta R.T.: -0.011 min
Response: 2669761
Conc: 19.13 ug/ml



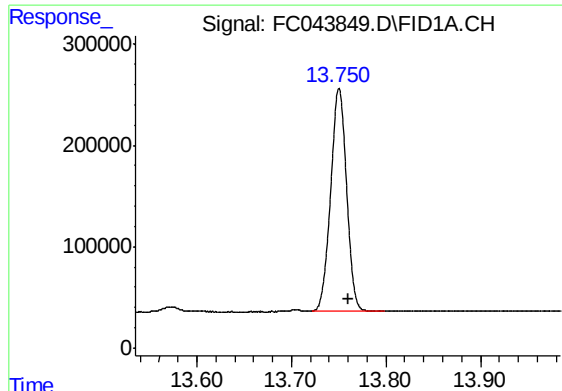
#11 n-Heneicosane (C21)

R.T.: 13.169 min
Delta R.T.: -0.010 min
Response: 2642310
Conc: 18.59 ug/ml



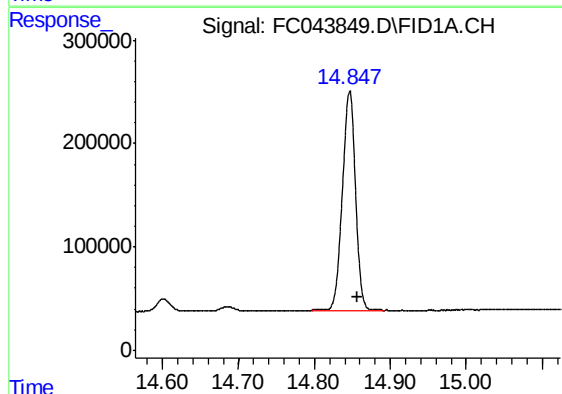
#12 1-chlorooctadecane (SURR)

R.T.: 13.005 min
Delta R.T.: -0.011 min
Response: 2194139
Conc: 18.51 ug/ml



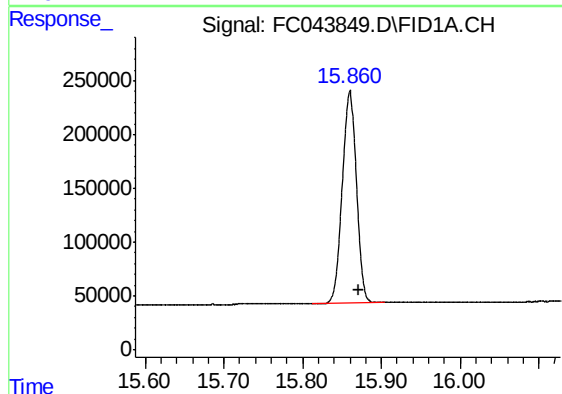
#13 n-Docosane (C22)

R.T.: 13.750 min
Delta R.T.: -0.011 min
Response: 2579934
Conc: 18.16 ug/ml



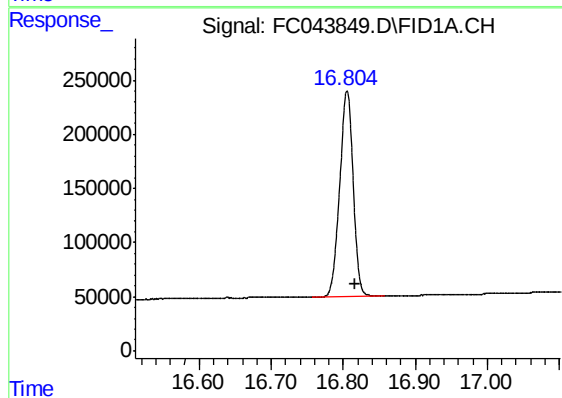
#14 n-Tetracosane (C24)

R.T.: 14.847 min
Delta R.T.: -0.010 min
Response: 2516074
Conc: 17.53 ug/ml



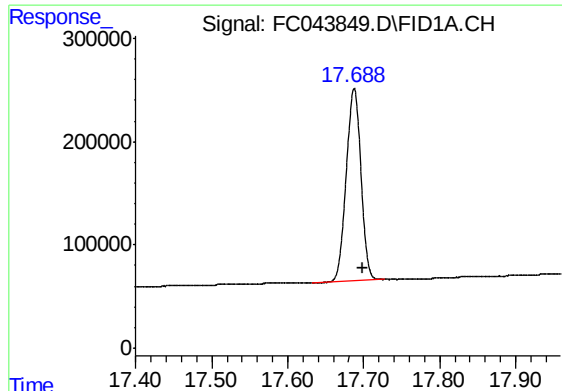
#15 n-Hexacosane (C26)

R.T.: 15.860 min
Delta R.T.: -0.011 min
Response: 2468635
Conc: 17.26 ug/ml



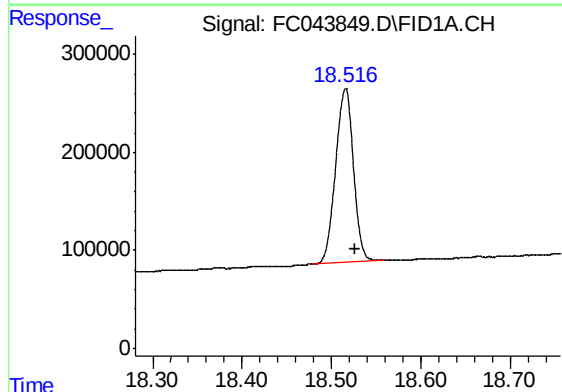
#16 n-Octacosane (C28)

R.T.: 16.805 min
Delta R.T.: -0.010 min
Response: 2470443
Conc: 17.43 ug/ml



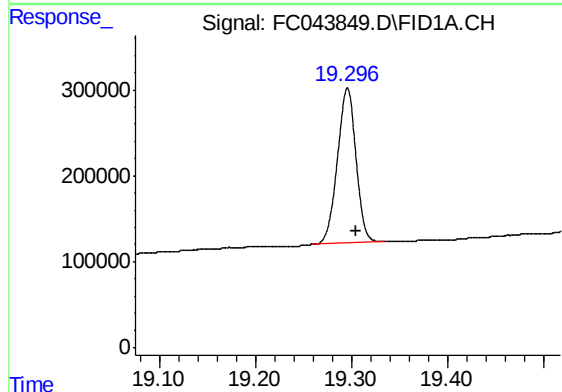
#17 n-Tricontane (C30)

R.T.: 17.687 min
Delta R.T.: -0.011 min
Response: 2506830
Conc: 17.87 ug/ml



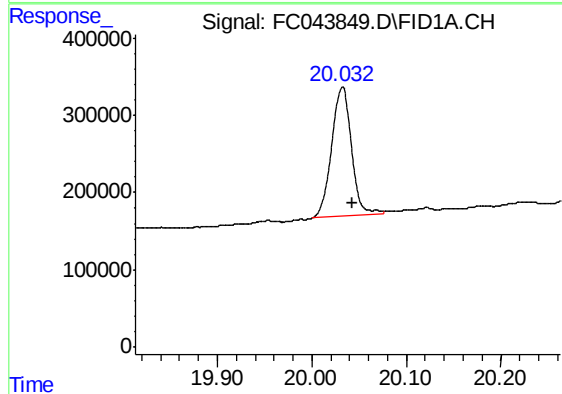
#18 n-Dotriacontane (C32)

R.T.: 18.516 min
Delta R.T.: -0.011 min
Response: 2461853
Conc: 18.53 ug/ml m



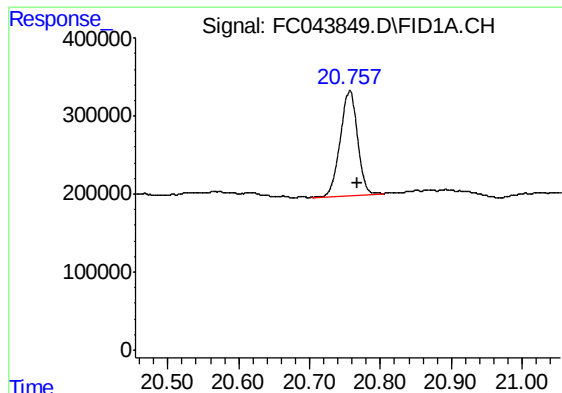
#19 n-Tetatriacontane (C34)

R.T.: 19.296 min
Delta R.T.: -0.010 min
Response: 2413432
Conc: 19.32 ug/ml m



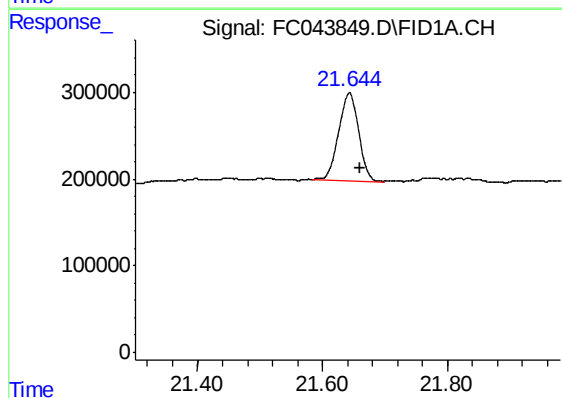
#20 n-Hexatriacontane (C36)

R.T.: 20.033 min
Delta R.T.: -0.010 min
Response: 2435782
Conc: 21.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.757 min
Delta R.T.: -0.010 min
Response: 2275872
Conc: 21.38 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.643 min
Delta R.T.: -0.017 min
Response: 2256599
Conc: 21.58 ug/ml