

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101619AL\
 Data File : FC044060.D
 Signal(s) : FID1A.CH
 Acq On : 17 Oct 2019 12:14
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 17 12:40:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 12 00:05:39 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)	11.562	3032242	19.978 ug/ml
Spiked Amount 50.000		Recovery =	39.96%
12) S 1-chlorooctadecane (S...	12.982	2331983	19.669 ug/ml
Spiked Amount 50.000		Recovery =	39.34%
Target Compounds			
1) T n-Nonane (C9)	3.418	2692751	22.272 ug/ml
2) T n-Decane (C10)	4.470	2767496	22.864 ug/ml
3) T A~Naphthalene (C11.7)	6.051	2623726	22.285 ug/ml
4) T n-Dodecane (C12)	6.460	2946548	23.296 ug/ml
5) T A~2-methylnaphthalene...	7.095	2603904	21.609 ug/ml
6) T n-Tetradecane (C14)	8.233	2967358	23.053 ug/ml
7) T n-Hexadecane (C16)	9.815	2974333	22.589 ug/ml
8) T n-Octadecane (C18)	11.243	2931953	21.496 ug/ml
10) T n-Eicosane (C20)	12.539	2845790	20.389 ug/ml
11) T n-Heneicosane (C21)	13.146	2814102	19.802 ug/ml
13) T n-Docosane (C22)	13.727	2739368	19.279 ug/ml
14) T n-Tetracosane (C24)	14.821	2662838	18.549 ug/ml
15) T n-Hexacosane (C26)	15.835	2603290	18.205 ug/ml
16) T n-Octacosane (C28)	16.779	2620109	18.483 ug/ml
17) T n-Tricontane (C30)	17.661	2722541	19.413 ug/ml
18) T n-Dotriacontane (C32)	18.488	2674820	20.136 ug/ml
19) T n-Tetratriacontane (C34)	19.267	2594961	20.769 ug/ml
20) T n-Hexatriacontane (C36)	20.005	2487143	21.518 ug/mlm
21) T n-Octatriacontane (C38)	20.725	2354225	22.119 ug/ml
22) T n-Tetracontane (C40)	21.597	2385356	22.814 ug/ml

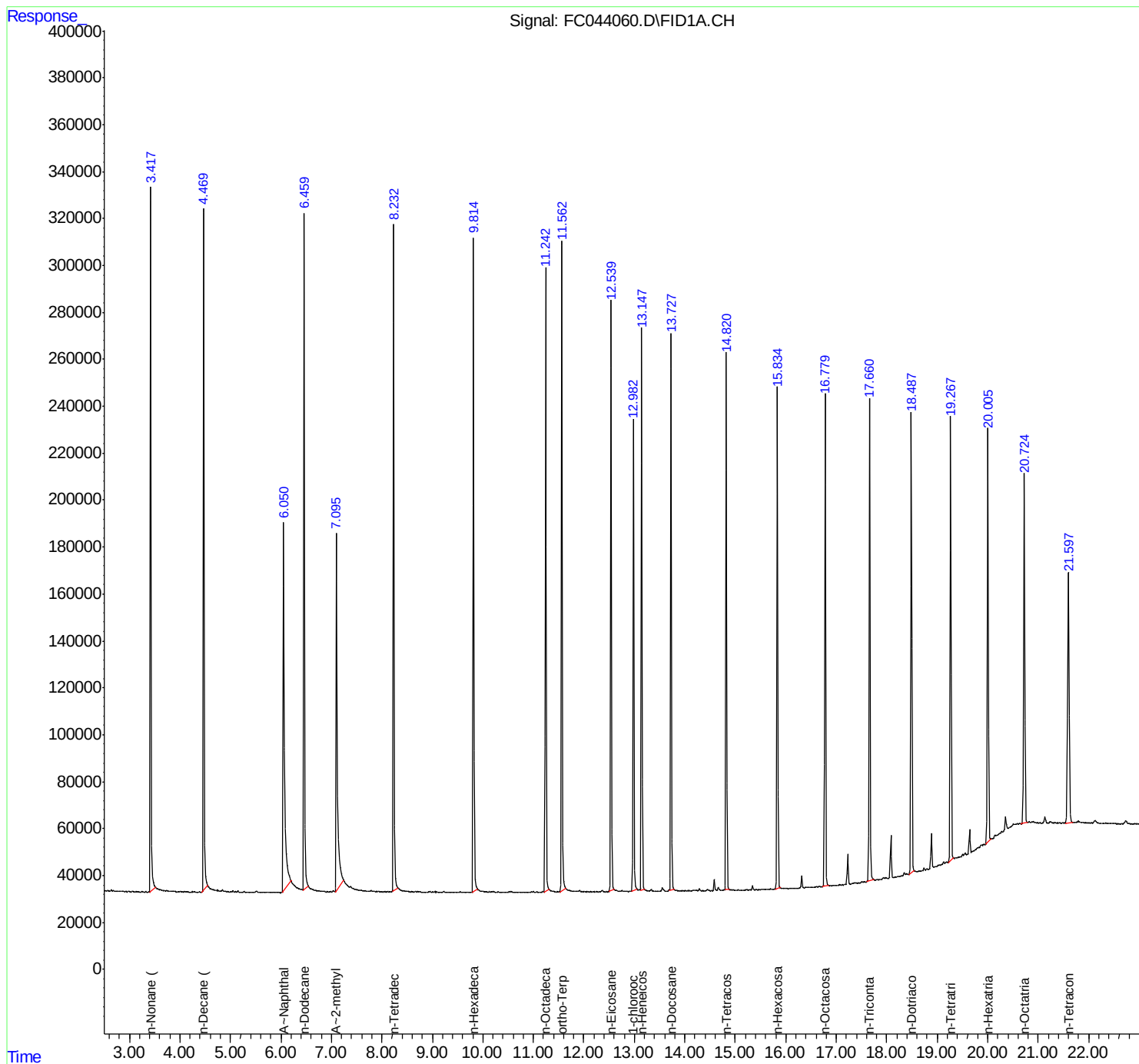
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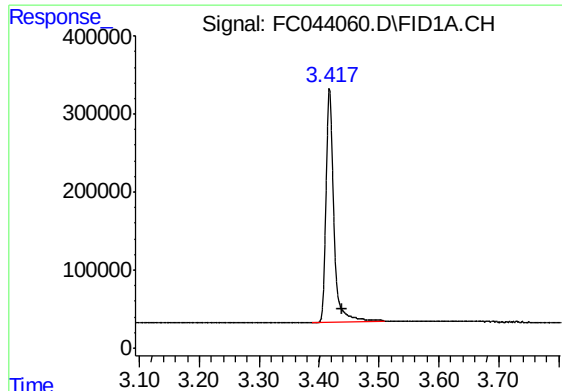
(m)=manual int.

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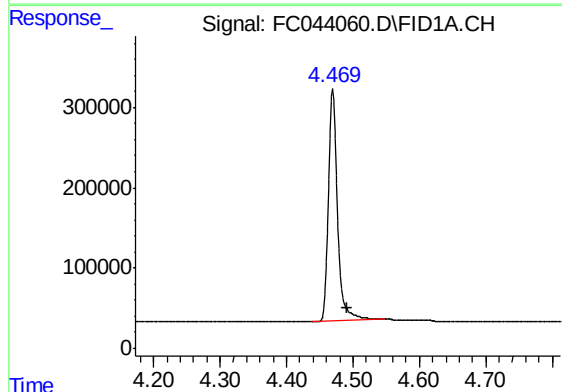
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Signal Info : 20M x 0.18mm x 0.18um





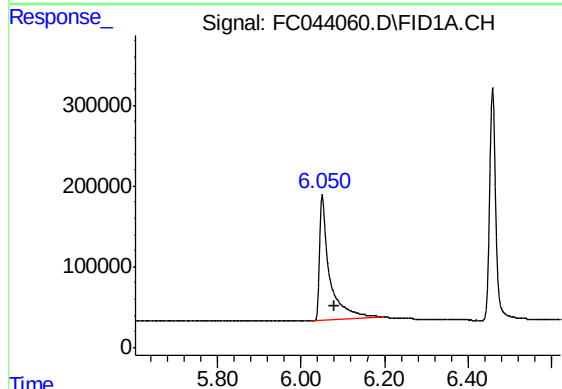
#1 n-Nonane (C9)

R.T.: 3.418 min
Delta R.T.: -0.021 min
Response: 2692751
Conc: 22.27 ug/ml



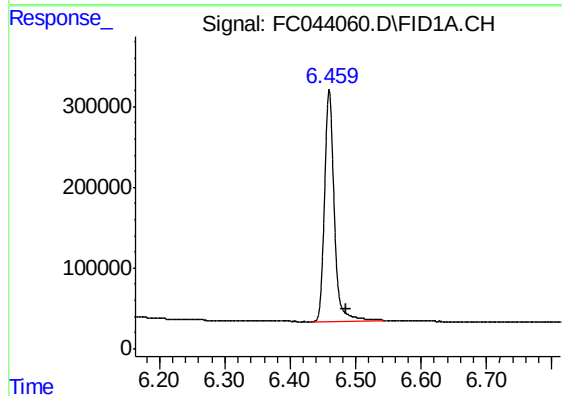
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: -0.022 min
Response: 2767496
Conc: 22.86 ug/ml



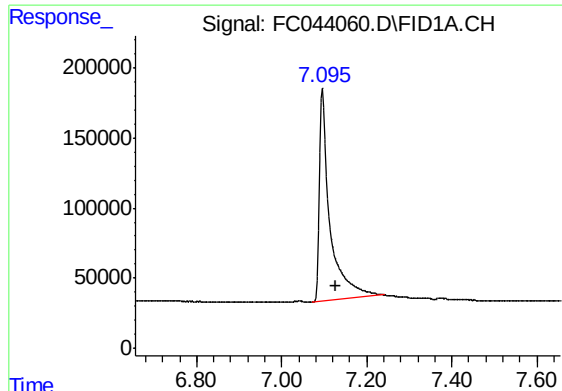
#3 A~Naphthalene (C11.7)

R.T.: 6.051 min
Delta R.T.: -0.030 min
Response: 2623726
Conc: 22.29 ug/ml



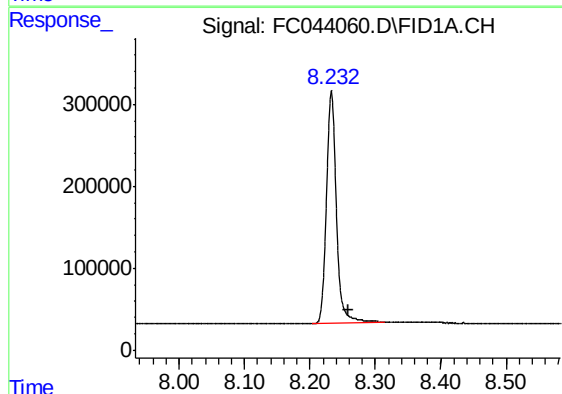
#4 n-Dodecane (C12)

R.T.: 6.460 min
Delta R.T.: -0.025 min
Response: 2946548
Conc: 23.30 ug/ml



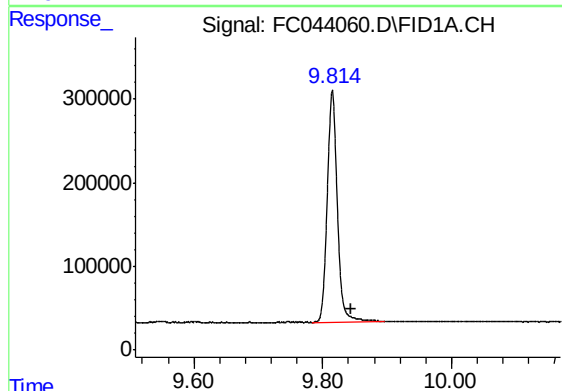
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.095 min
Delta R.T.: -0.032 min
Response: 2603904
Conc: 21.61 ug/ml



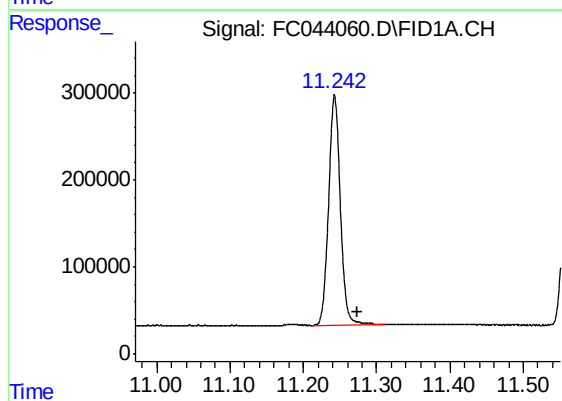
#6 n-Tetradecane (C14)

R.T.: 8.233 min
Delta R.T.: -0.026 min
Response: 2967358
Conc: 23.05 ug/ml



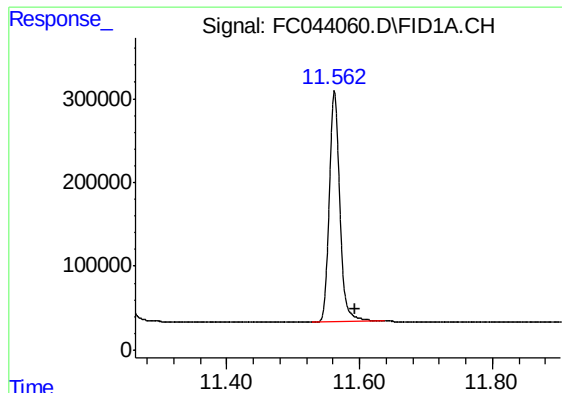
#7 n-Hexadecane (C16)

R.T.: 9.815 min
Delta R.T.: -0.029 min
Response: 2974333
Conc: 22.59 ug/ml



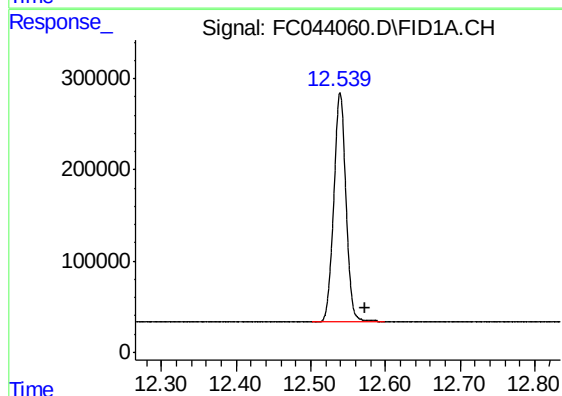
#8 n-Octadecane (C18)

R.T.: 11.243 min
Delta R.T.: -0.030 min
Response: 2931953
Conc: 21.50 ug/ml



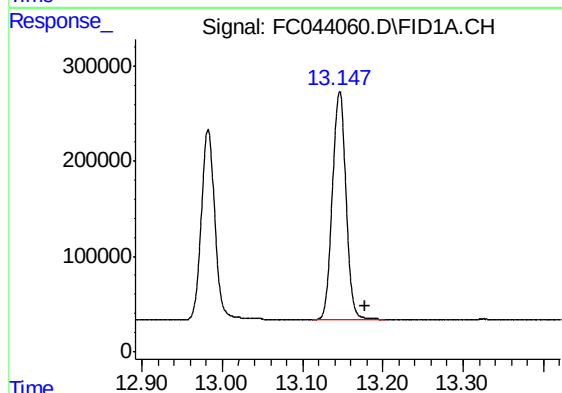
#9 ortho-Terphenyl (SURR)

R.T.: 11.562 min
Delta R.T.: -0.031 min
Response: 3032242
Conc: 19.98 ug/ml



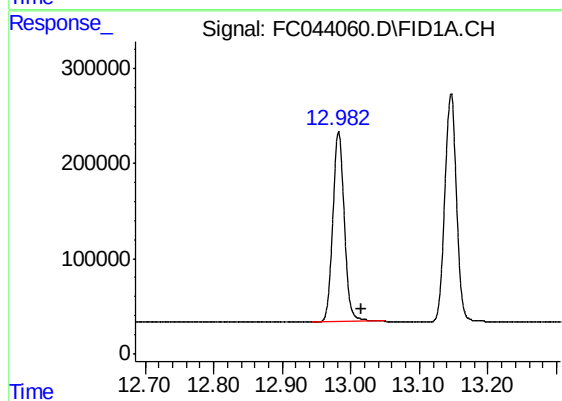
#10 n-Eicosane (C20)

R.T.: 12.539 min
Delta R.T.: -0.033 min
Response: 2845790
Conc: 20.39 ug/ml



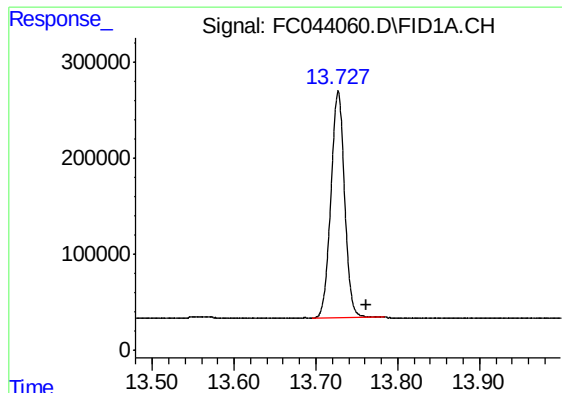
#11 n-Heneicosane (C21)

R.T.: 13.146 min
Delta R.T.: -0.032 min
Response: 2814102
Conc: 19.80 ug/ml



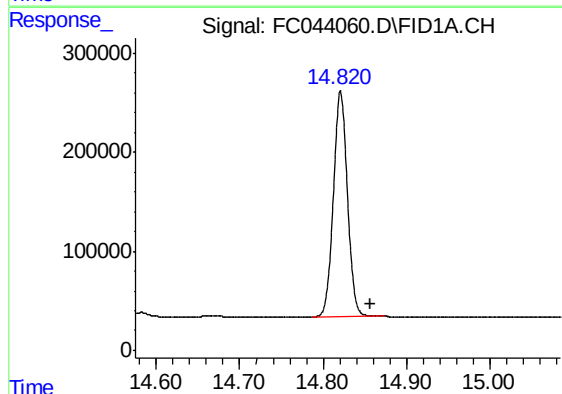
#12 1-chlorooctadecane (SURR)

R.T.: 12.982 min
Delta R.T.: -0.033 min
Response: 2331983
Conc: 19.67 ug/ml



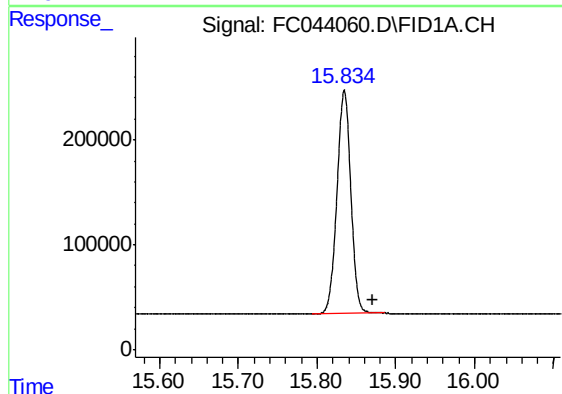
#13 n-Docosane (C22)

R.T.: 13.727 min
Delta R.T.: -0.034 min
Response: 2739368
Conc: 19.28 ug/ml



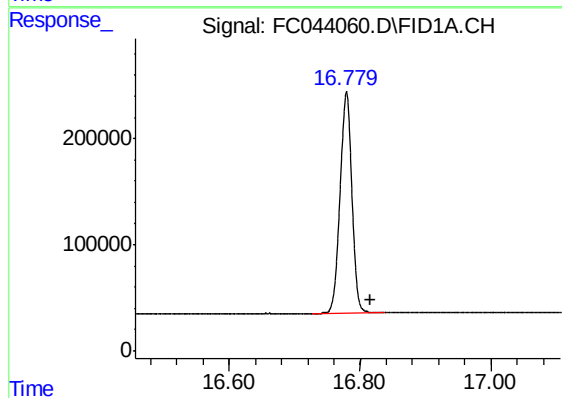
#14 n-Tetracosane (C24)

R.T.: 14.821 min
Delta R.T.: -0.036 min
Response: 2662838
Conc: 18.55 ug/ml



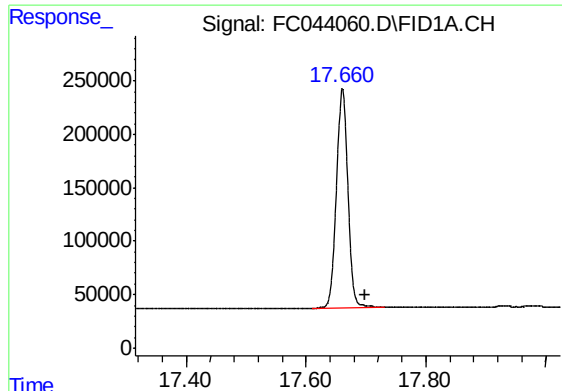
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: -0.037 min
Response: 2603290
Conc: 18.21 ug/ml



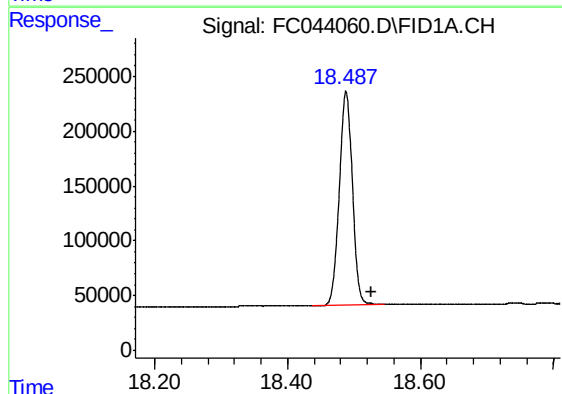
#16 n-Octacosane (C28)

R.T.: 16.779 min
Delta R.T.: -0.036 min
Response: 2620109
Conc: 18.48 ug/ml



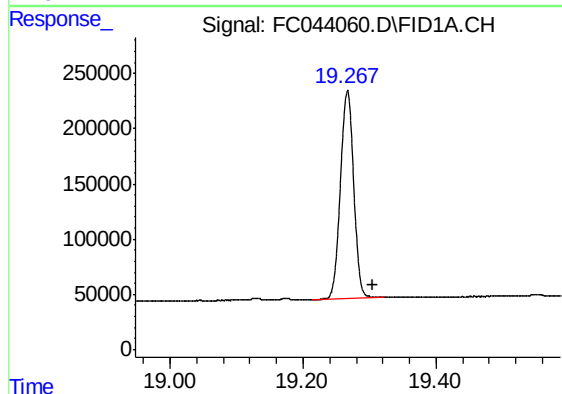
#17 n-Tricontane (C30)

R.T.: 17.661 min
Delta R.T.: -0.038 min
Response: 2722541
Conc: 19.41 ug/ml



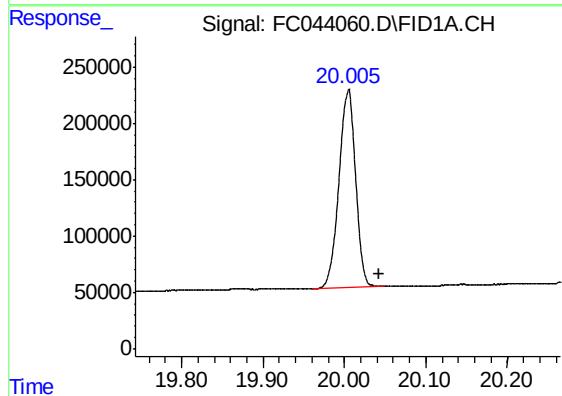
#18 n-Dotriacontane (C32)

R.T.: 18.488 min
Delta R.T.: -0.039 min
Response: 2674820
Conc: 20.14 ug/ml



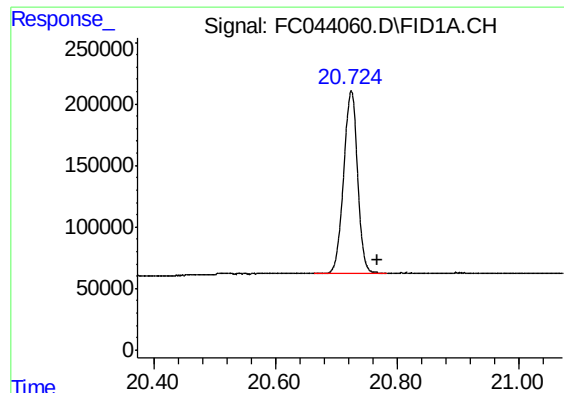
#19 n-Tetatriacontane (C34)

R.T.: 19.267 min
Delta R.T.: -0.039 min
Response: 2594961
Conc: 20.77 ug/ml



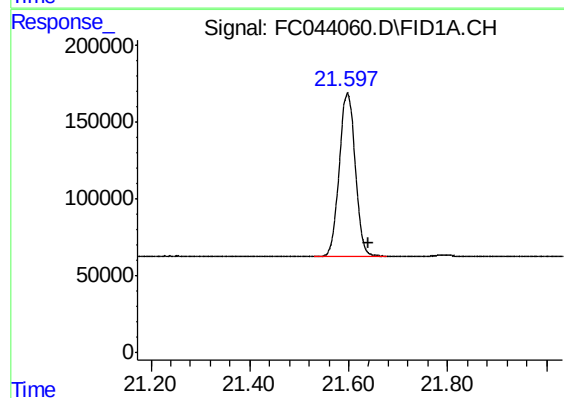
#20 n-Hexatriacontane (C36)

R.T.: 20.005 min
Delta R.T.: -0.037 min
Response: 2487143
Conc: 21.52 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.725 min
Delta R.T.: -0.043 min
Response: 2354225
Conc: 22.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.597 min
Delta R.T.: -0.043 min
Response: 2385356
Conc: 22.81 ug/ml