

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112720AL\
 Data File : FC050992.D
 Signal(s) : FID1A.CH
 Acq On : 27 Nov 2020 21:31
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 27 23:24:55 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 Qlast Update : Fri Nov 27 23:22:01 2020
 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)	11.597	574476	4.534 ug/ml
Spiked Amount 50.000		Recovery =	9.07%
12) S 1-chlorooctadecane (S...	13.032	446513	4.414 ug/ml
Spiked Amount 50.000		Recovery =	8.83%
Target Compounds			
1) T n-Nonane (C9)	3.352	488649	4.465 ug/ml
2) T n-Decane (C10)	4.421	481564	4.404 ug/ml
3) T A~Naphthalene (C11.7)	6.016	484529	4.170 ug/mlm
4) T n-Dodecane (C12)	6.440	495395	4.402 ug/ml
5) T A~2-methylnaphthalene...	7.073	470103	4.013 ug/mlm
6) T n-Tetradecane (C14)	8.235	488693	4.376 ug/ml
7) T n-Hexadecane (C16)	9.836	481052	4.328 ug/ml
8) T n-Octadecane (C18)	11.276	524469	4.443 ug/ml
10) T n-Eicosane (C20)	12.586	542182	4.511 ug/ml
11) T n-Heneicosane (C21)	13.197	539630	4.488 ug/ml
13) T n-Docosane (C22)	13.785	541603	4.510 ug/ml
14) T n-Tetracosane (C24)	14.886	539437	4.514 ug/ml
15) T n-Hexacosane (C26)	15.906	529423	4.518 ug/ml
16) T n-Octacosane (C28)	16.854	526278	4.584 ug/ml
17) T n-Tricontane (C30)	17.740	509934	4.654 ug/ml
18) T n-Dotriacontane (C32)	18.570	486318	4.880 ug/ml
19) T n-Tetratriacontane (C34)	19.353	429389	4.702 ug/ml
20) T n-Hexatriacontane (C36)	20.093	412589	4.958 ug/ml
21) T n-Octatriacontane (C38)	20.830	371982	4.648 ug/mlm
22) T n-Tetracontane (C40)	21.754	457676	5.697 ug/mlm

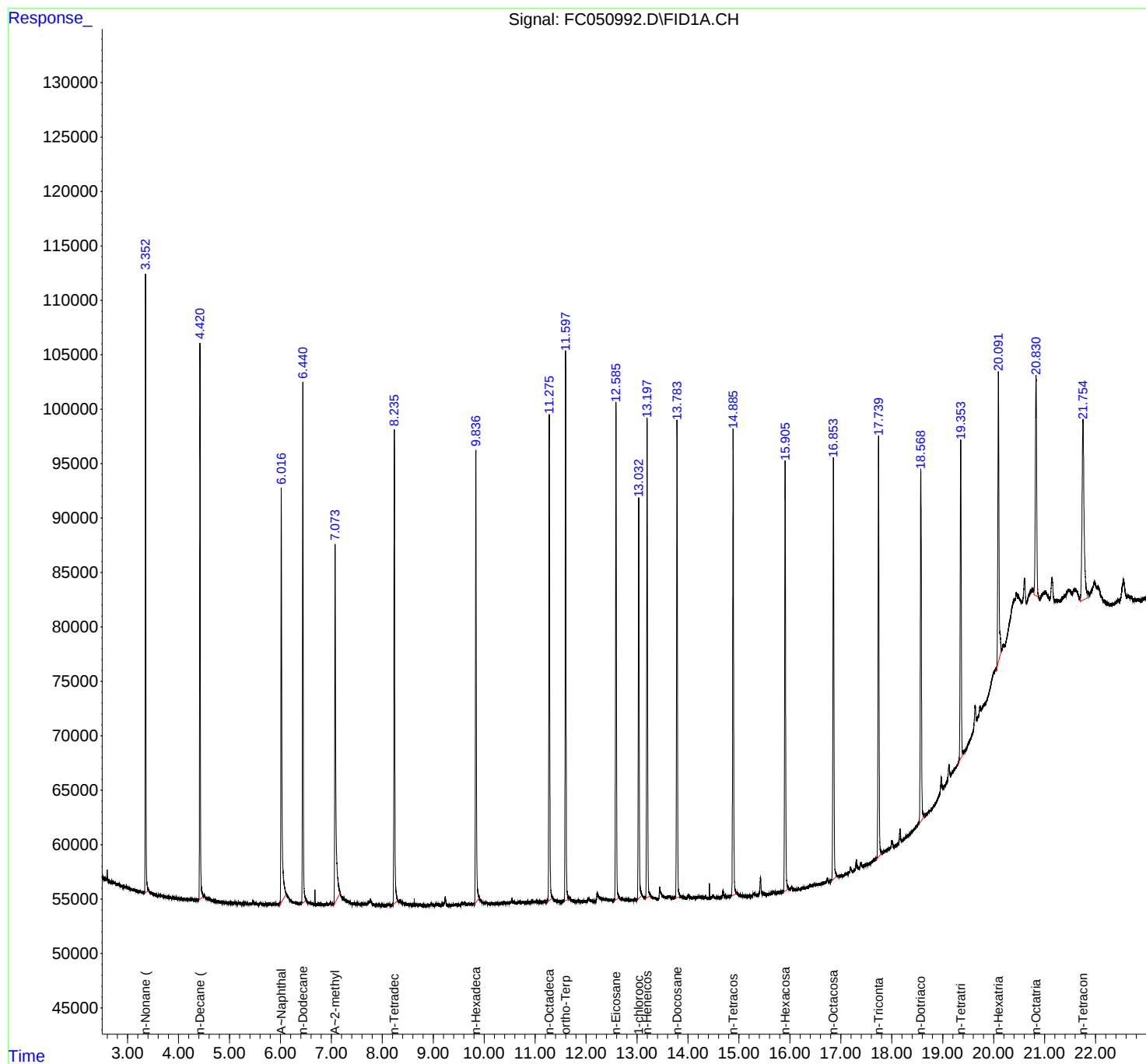
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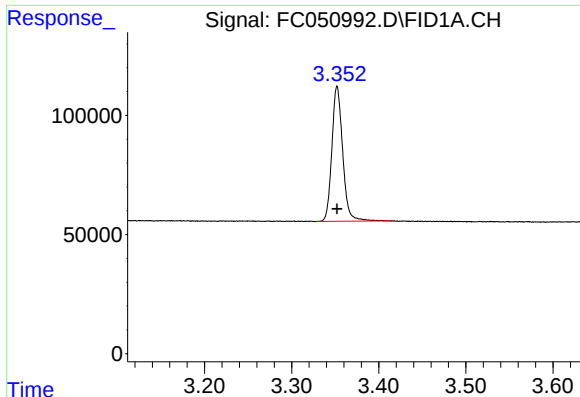
(m)=manual int.

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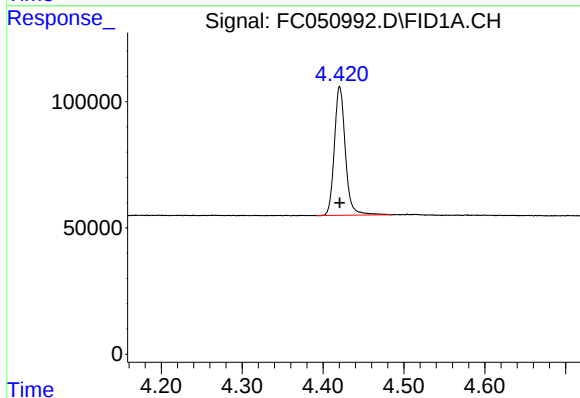
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





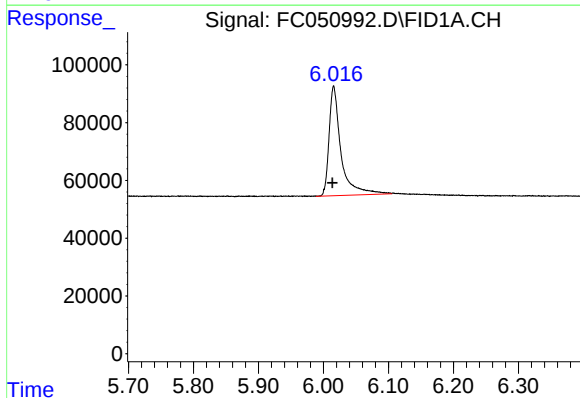
#1 n-Nonane (C9)

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 488649
Conc: 4.47 ug/ml



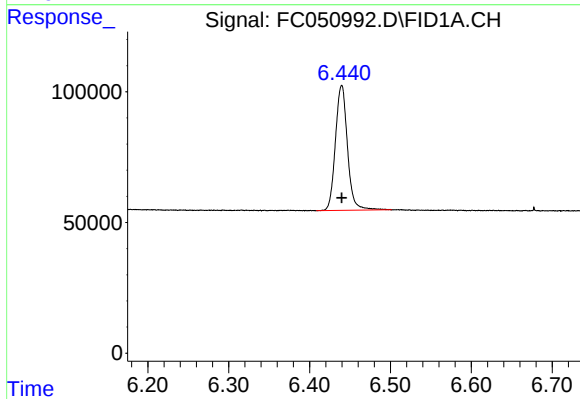
#2 n-Decane (C10)

R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 481564
Conc: 4.40 ug/ml



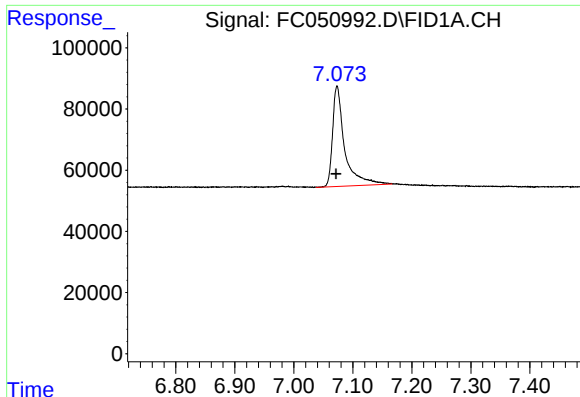
#3 A~Naphthalene (C11.7)

R.T.: 6.016 min
Delta R.T.: 0.002 min
Response: 484529
Conc: 4.17 ug/ml m



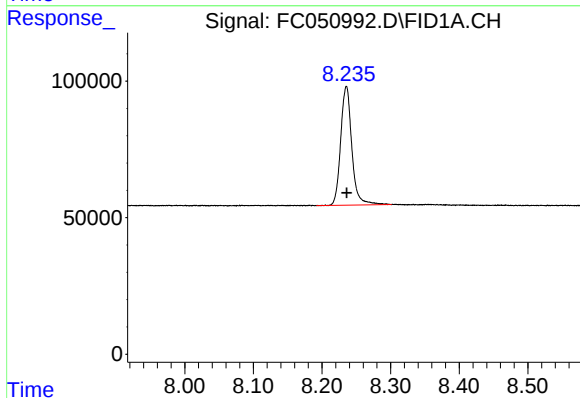
#4 n-Dodecane (C12)

R.T.: 6.440 min
Delta R.T.: 0.000 min
Response: 495395
Conc: 4.40 ug/ml



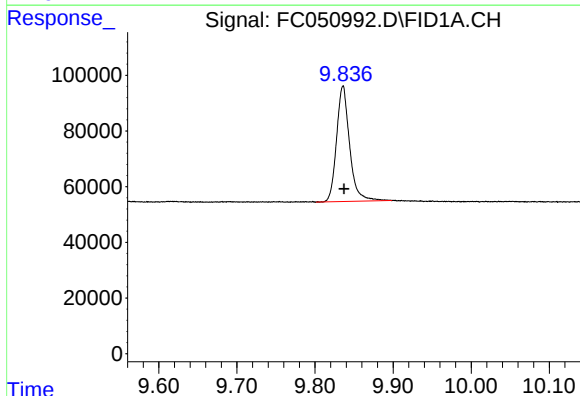
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.073 min
Delta R.T.: 0.002 min
Response: 470103
Conc: 4.01 ug/ml m



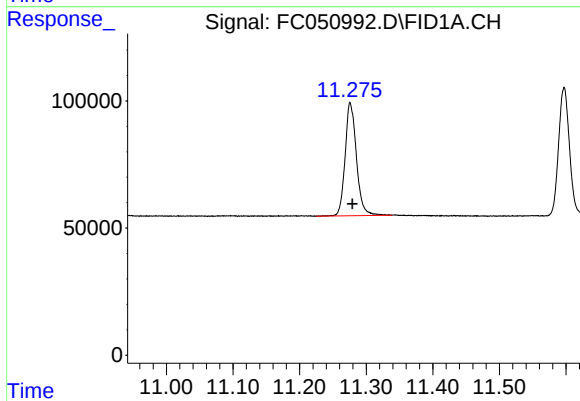
#6 n-Tetradecane (C14)

R.T.: 8.235 min
Delta R.T.: 0.000 min
Response: 488693
Conc: 4.38 ug/ml



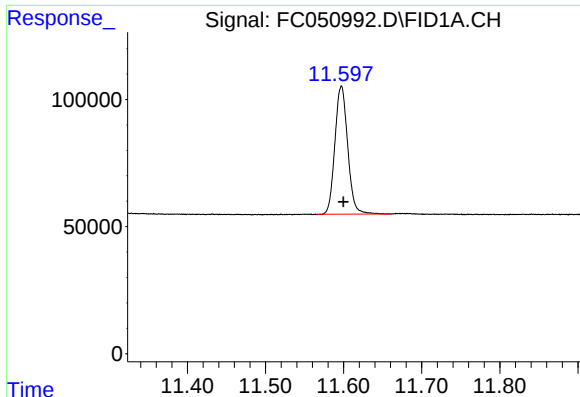
#7 n-Hexadecane (C16)

R.T.: 9.836 min
Delta R.T.: -0.001 min
Response: 481052
Conc: 4.33 ug/ml



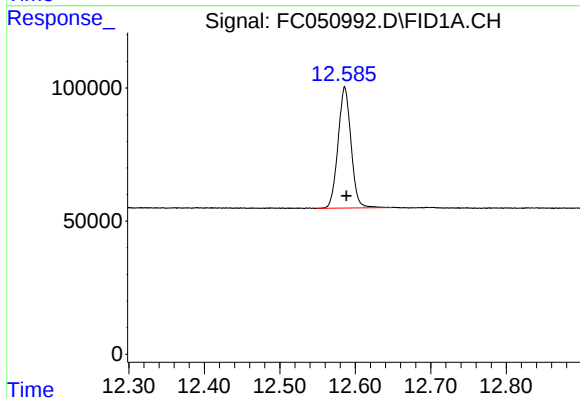
#8 n-Octadecane (C18)

R.T.: 11.276 min
Delta R.T.: -0.003 min
Response: 524469
Conc: 4.44 ug/ml



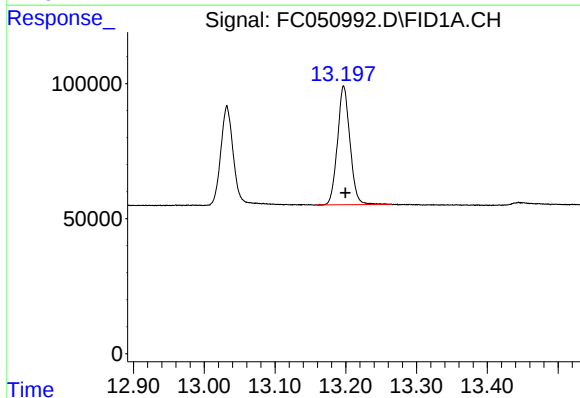
#9 ortho-Terphenyl (SURR)

R.T.: 11.597 min
Delta R.T.: -0.003 min
Response: 574476
Conc: 4.53 ug/ml



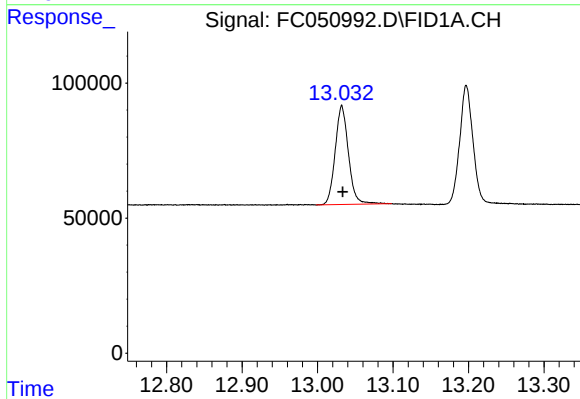
#10 n-Eicosane (C20)

R.T.: 12.586 min
Delta R.T.: -0.002 min
Response: 542182
Conc: 4.51 ug/ml



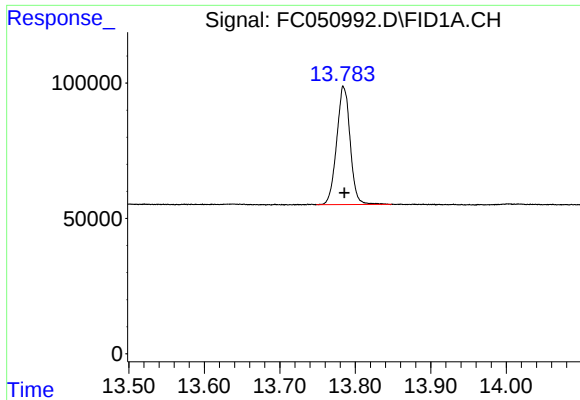
#11 n-Heneicosane (C21)

R.T.: 13.197 min
Delta R.T.: -0.002 min
Response: 539630
Conc: 4.49 ug/ml



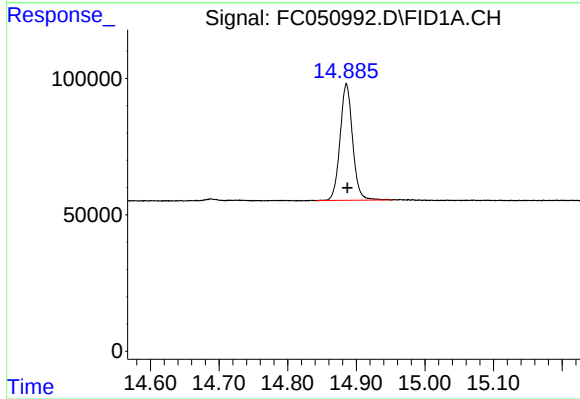
#12 1-chlorooctadecane (SURR)

R.T.: 13.032 min
Delta R.T.: -0.001 min
Response: 446513
Conc: 4.41 ug/ml



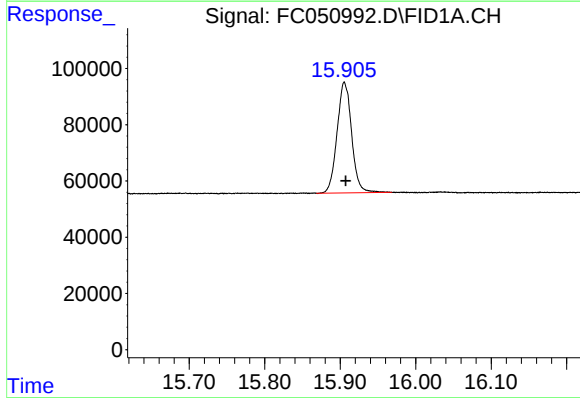
#13 n-Docosane (C22)

R.T.: 13.785 min
Delta R.T.: 0.000 min
Response: 541603
Conc: 4.51 ug/ml



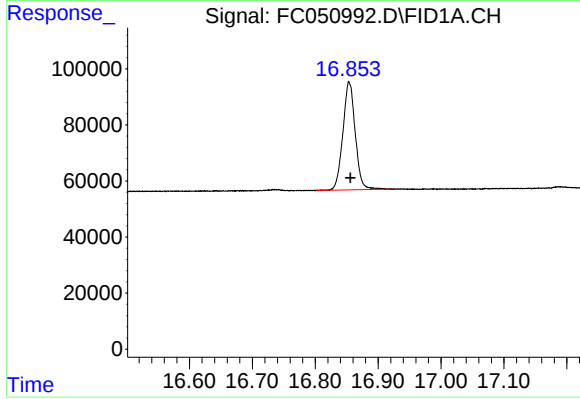
#14 n-Tetracosane (C24)

R.T.: 14.886 min
Delta R.T.: -0.002 min
Response: 539437
Conc: 4.51 ug/ml



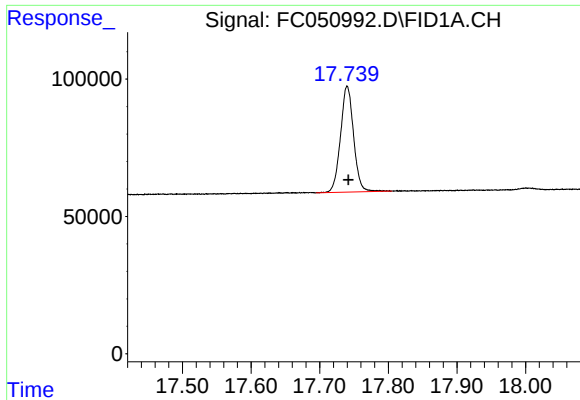
#15 n-Hexacosane (C26)

R.T.: 15.906 min
Delta R.T.: -0.001 min
Response: 529423
Conc: 4.52 ug/ml



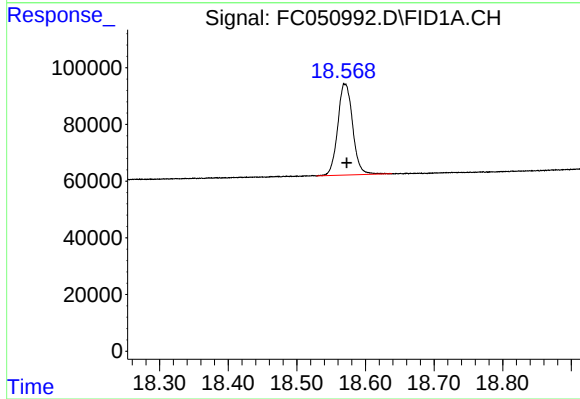
#16 n-Octacosane (C28)

R.T.: 16.854 min
Delta R.T.: -0.002 min
Response: 526278
Conc: 4.58 ug/ml



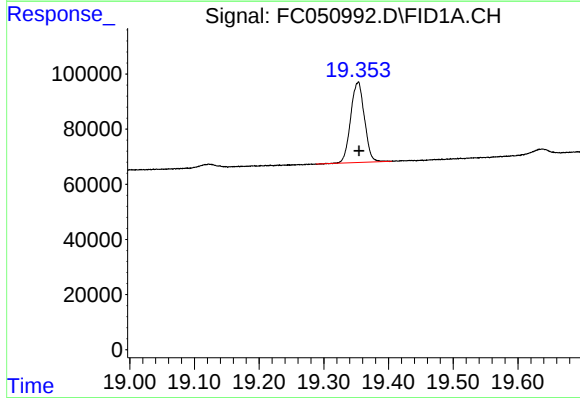
#17 n-Tricontane (C30)

R.T.: 17.740 min
Delta R.T.: -0.002 min
Response: 509934
Conc: 4.65 ug/ml



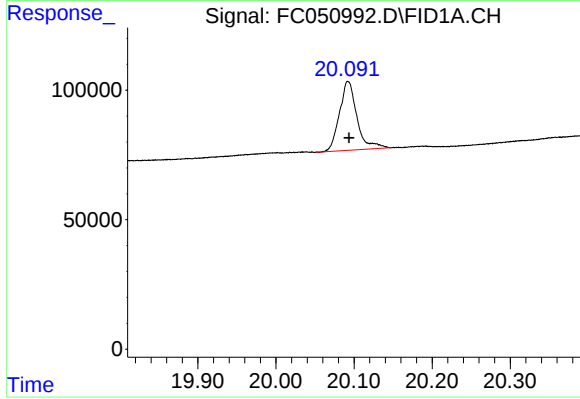
#18 n-Dotriacontane (C32)

R.T.: 18.570 min
Delta R.T.: -0.002 min
Response: 486318
Conc: 4.88 ug/ml



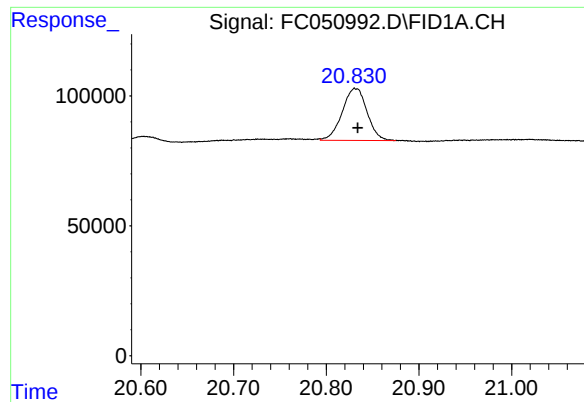
#19 n-Tetratriacontane (C34)

R.T.: 19.353 min
Delta R.T.: -0.002 min
Response: 429389
Conc: 4.70 ug/ml



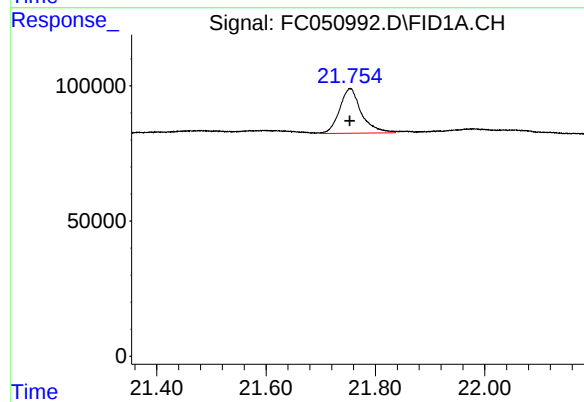
#20 n-Hexatriacontane (C36)

R.T.: 20.093 min
Delta R.T.: -0.001 min
Response: 412589
Conc: 4.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.830 min
Delta R.T.: -0.004 min
Response: 371982
Conc: 4.65 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.754 min
Delta R.T.: 0.000 min
Response: 457676
Conc: 5.70 ug/ml m