

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090319AL\
 Data File : FC043305.D
 Signal(s) : FID1A.CH
 Acq On : 04 Sep 2019 6:01
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 04 06:51:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082719.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 28 04:05:56 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)	11.613	2724435	19.028 ug/ml
Spiked Amount 50.000		Recovery =	38.06%
12) S 1-chlorooctadecane (S...	13.036	2056396	18.823 ug/ml
Spiked Amount 50.000		Recovery =	37.65%
Target Compounds			
1) T n-Nonane (C9)	3.447	2494475	20.944 ug/ml
2) T n-Decane (C10)	4.504	2506055	21.075 ug/ml
3) T A~Naphthalene (C11.7)	6.083	2588367	21.219 ug/ml
4) T n-Dodecane (C12)	6.499	2566216	20.976 ug/ml
5) T A~2-methylnaphthalene...	7.129	2605881	21.229 ug/ml
6) T n-Tetradecane (C14)	8.276	2560510	20.714 ug/ml
7) T n-Hexadecane (C16)	9.863	2551201	20.463 ug/ml
8) T n-Octadecane (C18)	11.293	2520658	19.817 ug/ml
10) T n-Eicosane (C20)	12.593	2469426	19.235 ug/ml
11) T n-Heneicosane (C21)	13.200	2455469	18.960 ug/ml
13) T n-Docosane (C22)	13.783	2410395	18.763 ug/ml
14) T n-Tetracosane (C24)	14.879	2349183	18.337 ug/ml
15) T n-Hexacosane (C26)	15.893	2271727	18.037 ug/ml
16) T n-Octacosane (C28)	16.837	2202483	17.938 ug/ml
17) T n-Tricontane (C30)	17.720	2192668	18.180 ug/ml
18) T n-Dotriacontane (C32)	18.548	2098667	18.398 ug/ml
19) T n-Tetratriacontane (C34)	19.328	2042516	18.984 ug/ml
20) T n-Hexatriacontane (C36)	20.066	1950758	18.528 ug/ml
21) T n-Octatriacontane (C38)	20.794	1916878	20.488 ug/ml
22) T n-Tetracontane (C40)	21.693	1995414	20.653 ug/ml

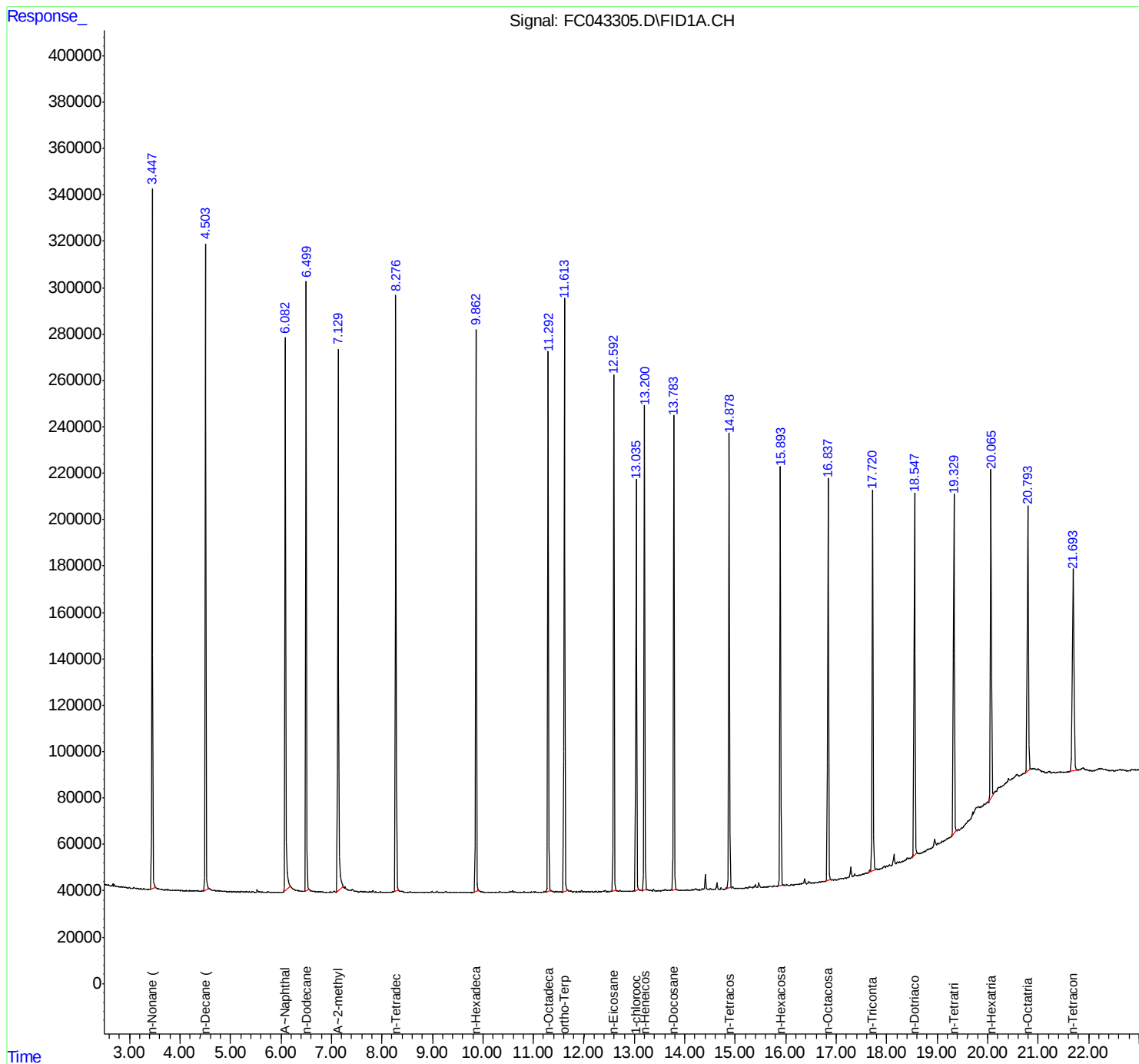
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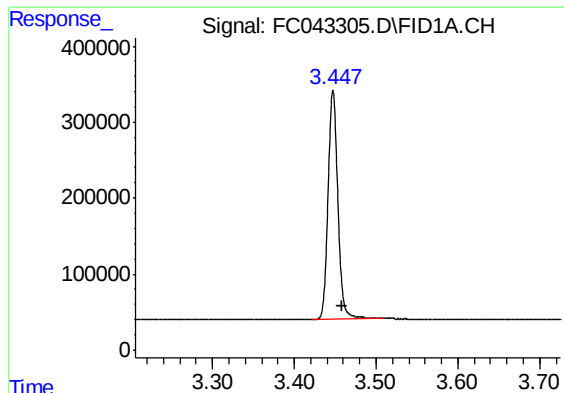
(m)=manual int.

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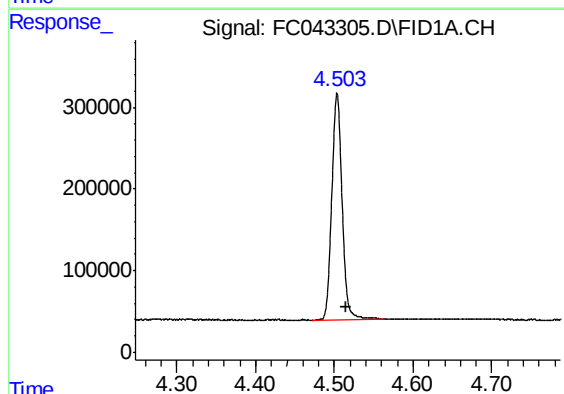
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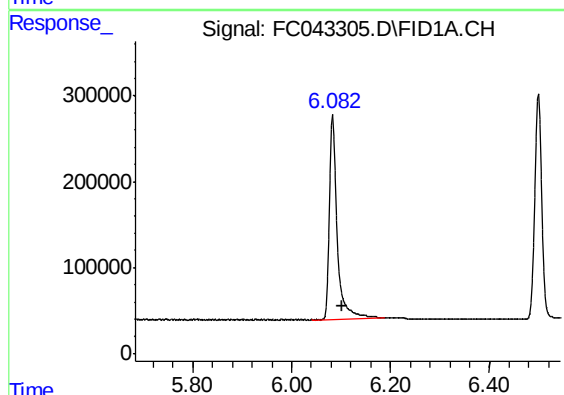
#1 n-Nonane (C9)

R.T.: 3.447 min
Delta R.T.: -0.012 min
Response: 2494475
Conc: 20.94 ug/ml



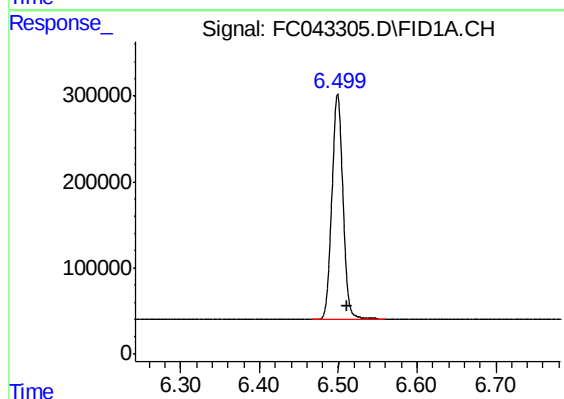
#2 n-Decane (C10)

R.T.: 4.504 min
Delta R.T.: -0.012 min
Response: 2506055
Conc: 21.08 ug/ml



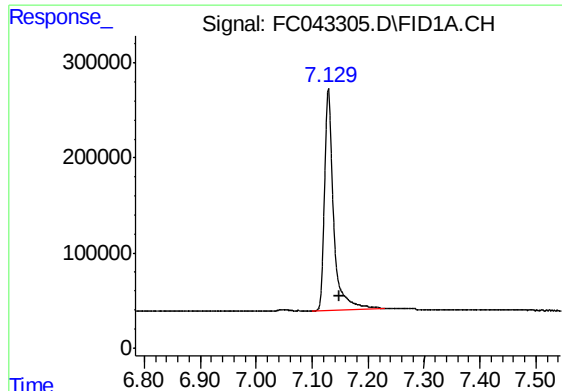
#3 A~Naphthalene (C11.7)

R.T.: 6.083 min
Delta R.T.: -0.018 min
Response: 2588367
Conc: 21.22 ug/ml



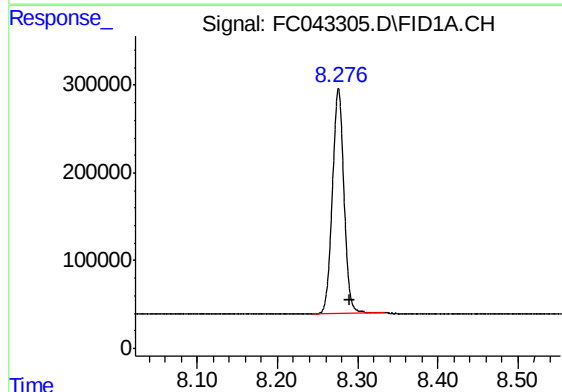
#4 n-Dodecane (C12)

R.T.: 6.499 min
Delta R.T.: -0.013 min
Response: 2566216
Conc: 20.98 ug/ml



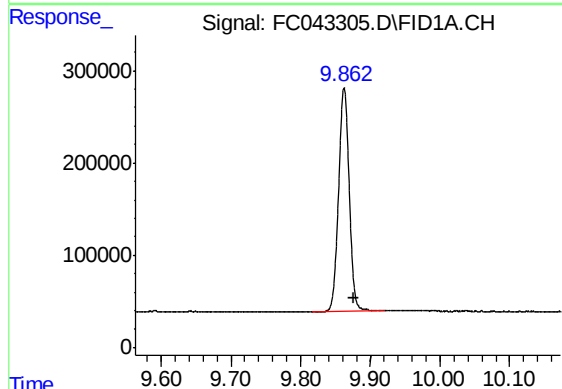
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.129 min
Delta R.T.: -0.019 min
Response: 2605881
Conc: 21.23 ug/ml



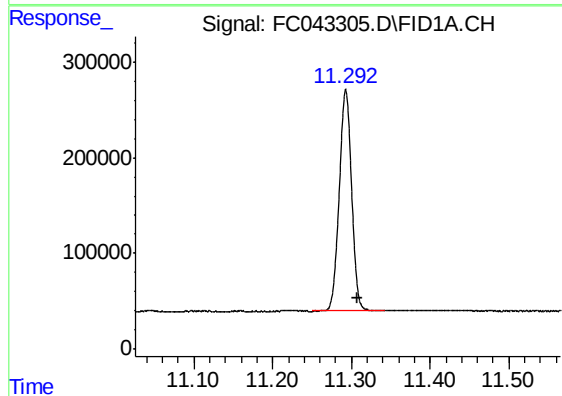
#6 n-Tetradecane (C14)

R.T.: 8.276 min
Delta R.T.: -0.013 min
Response: 2560510
Conc: 20.71 ug/ml



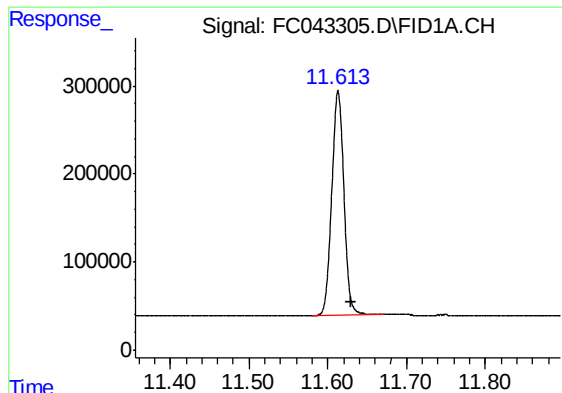
#7 n-Hexadecane (C16)

R.T.: 9.863 min
Delta R.T.: -0.014 min
Response: 2551201
Conc: 20.46 ug/ml



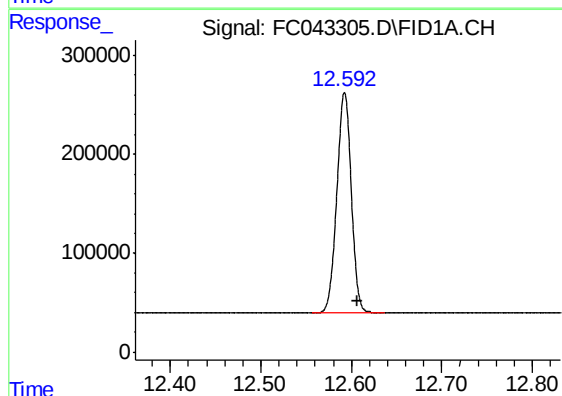
#8 n-Octadecane (C18)

R.T.: 11.293 min
Delta R.T.: -0.015 min
Response: 2520658
Conc: 19.82 ug/ml



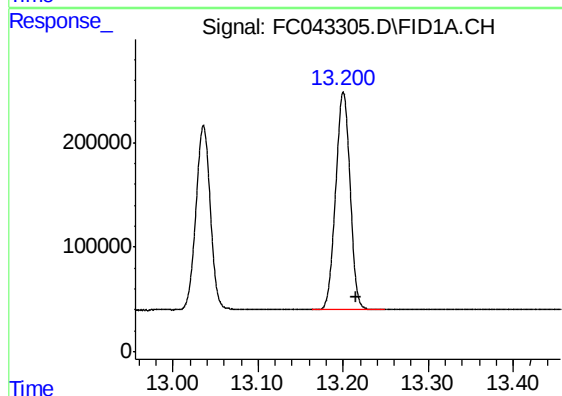
#9 ortho-Terphenyl (SURR)

R.T.: 11.613 min
Delta R.T.: -0.016 min
Response: 2724435
Conc: 19.03 ug/ml



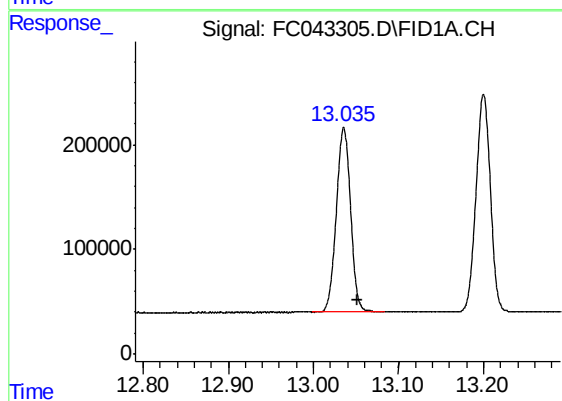
#10 n-Eicosane (C20)

R.T.: 12.593 min
Delta R.T.: -0.015 min
Response: 2469426
Conc: 19.24 ug/ml



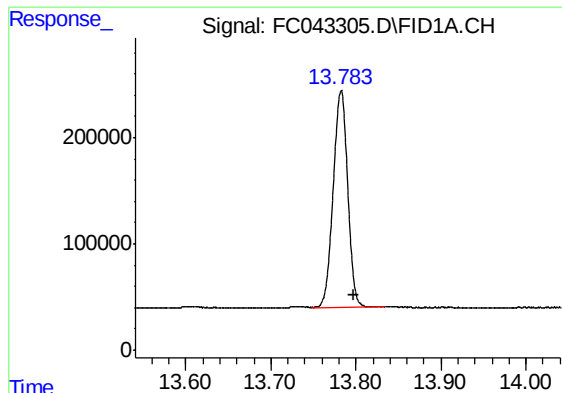
#11 n-Heneicosane (C21)

R.T.: 13.200 min
Delta R.T.: -0.015 min
Response: 2455469
Conc: 18.96 ug/ml



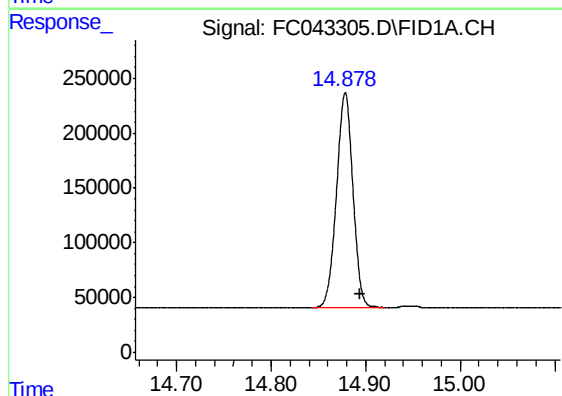
#12 1-chlorooctadecane (SURR)

R.T.: 13.036 min
Delta R.T.: -0.015 min
Response: 2056396
Conc: 18.82 ug/ml



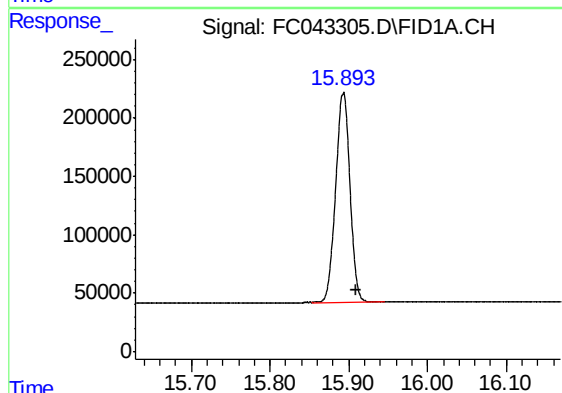
#13 n-Docosane (C22)

R.T.: 13.783 min
Delta R.T.: -0.015 min
Response: 2410395
Conc: 18.76 ug/ml



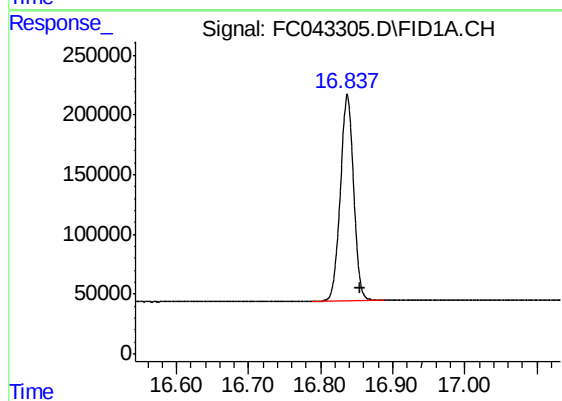
#14 n-Tetracosane (C24)

R.T.: 14.879 min
Delta R.T.: -0.016 min
Response: 2349183
Conc: 18.34 ug/ml



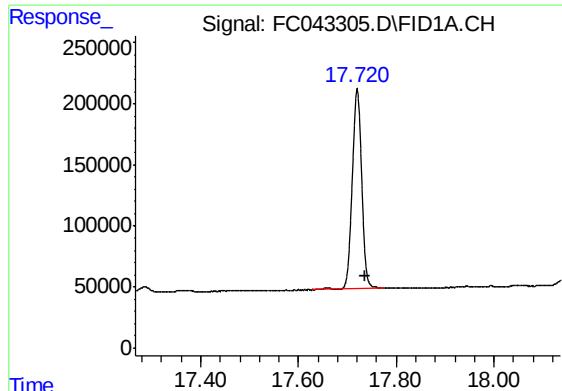
#15 n-Hexacosane (C26)

R.T.: 15.893 min
Delta R.T.: -0.016 min
Response: 2271727
Conc: 18.04 ug/ml



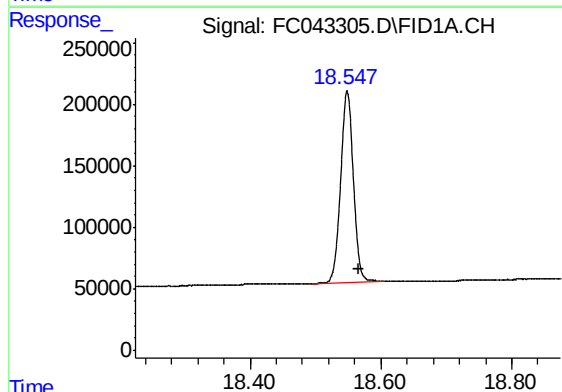
#16 n-Octacosane (C28)

R.T.: 16.837 min
Delta R.T.: -0.017 min
Response: 2202483
Conc: 17.94 ug/ml



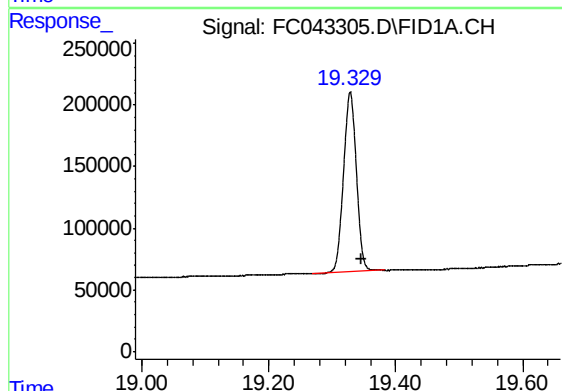
#17 n-Tricontane (C30)

R.T.: 17.720 min
Delta R.T.: -0.016 min
Response: 2192668
Conc: 18.18 ug/ml



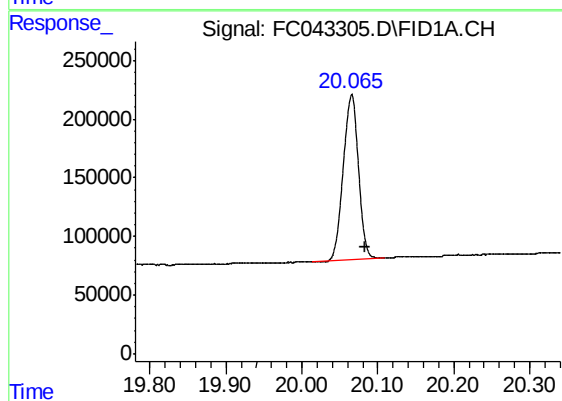
#18 n-Dotriacontane (C32)

R.T.: 18.548 min
Delta R.T.: -0.017 min
Response: 2098667
Conc: 18.40 ug/ml



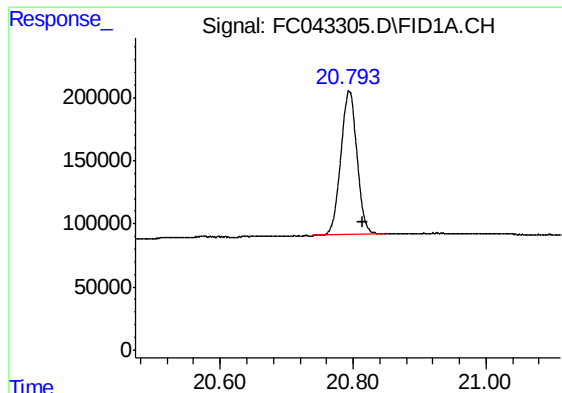
#19 n-Tetatriacontane (C34)

R.T.: 19.328 min
Delta R.T.: -0.018 min
Response: 2042516
Conc: 18.98 ug/ml



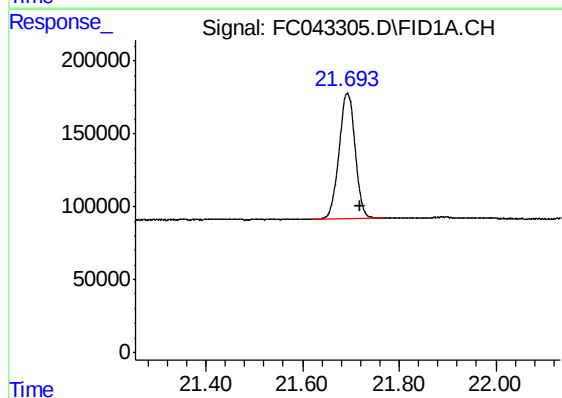
#20 n-Hexatriacontane (C36)

R.T.: 20.066 min
Delta R.T.: -0.018 min
Response: 1950758
Conc: 18.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.794 min
Delta R.T.: -0.020 min
Response: 1916878
Conc: 20.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.693 min
Delta R.T.: -0.026 min
Response: 1995414
Conc: 20.65 ug/ml