

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090319AL\
 Data File : FC043300.D
 Signal(s) : FID1A.CH
 Acq On : 04 Sep 2019 2:54
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 04 06:50:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic 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)	11.615	2676871	18.696 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
12) S 1-chlorooctadecane (S...	13.037	2018593	18.477 ug/ml
Spiked Amount 50.000		Recovery =	36.95%
Target Compounds			
1) T n-Nonane (C9)	3.449	2457397	20.633 ug/ml
2) T n-Decane (C10)	4.505	2466592	20.743 ug/ml
3) T A~Naphthalene (C11.7)	6.085	2555276	20.948 ug/ml
4) T n-Dodecane (C12)	6.501	2521069	20.607 ug/ml
5) T A~2-methylnaphthalene...	7.131	2567714	20.918 ug/ml
6) T n-Tetradecane (C14)	8.278	2514523	20.341 ug/ml
7) T n-Hexadecane (C16)	9.865	2498860	20.043 ug/ml
8) T n-Octadecane (C18)	11.294	2475415	19.461 ug/ml
10) T n-Eicosane (C20)	12.594	2423300	18.876 ug/ml
11) T n-Heneicosane (C21)	13.202	2401619	18.544 ug/ml
13) T n-Docosane (C22)	13.785	2359217	18.365 ug/ml
14) T n-Tetracosane (C24)	14.880	2304339	17.987 ug/ml
15) T n-Hexacosane (C26)	15.895	2228162	17.692 ug/ml
16) T n-Octacosane (C28)	16.839	2169223	17.667 ug/ml
17) T n-Tricontane (C30)	17.723	2154147	17.861 ug/ml
18) T n-Dotriacontane (C32)	18.551	2109763	18.496 ug/ml
19) T n-Tetratriacontane (C34)	19.331	1997604	18.566 ug/ml
20) T n-Hexatriacontane (C36)	20.067	2085335	19.807 ug/ml
21) T n-Octatriacontane (C38)	20.797	1915436	20.473 ug/ml
22) T n-Tetracontane (C40)	21.697	2259334	23.384 ug/ml

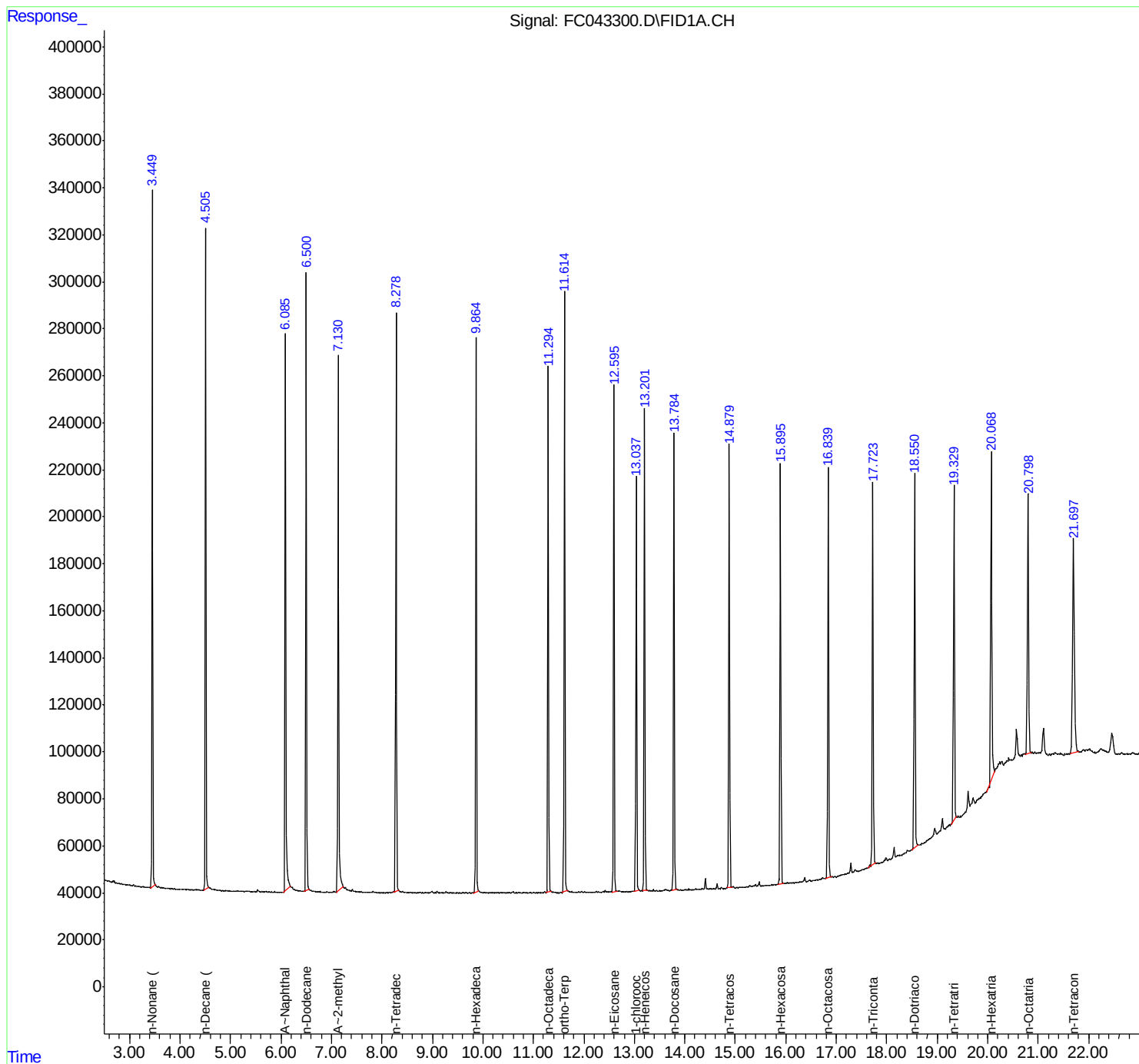
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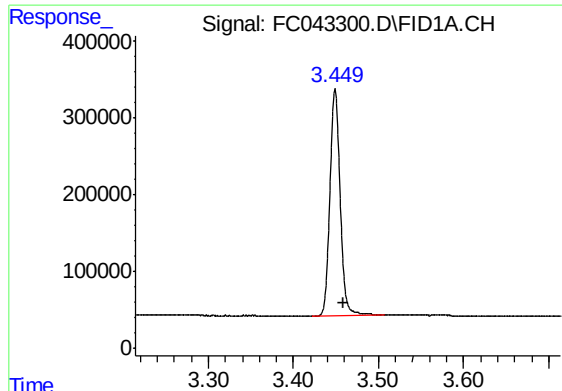
(m)=manual int.

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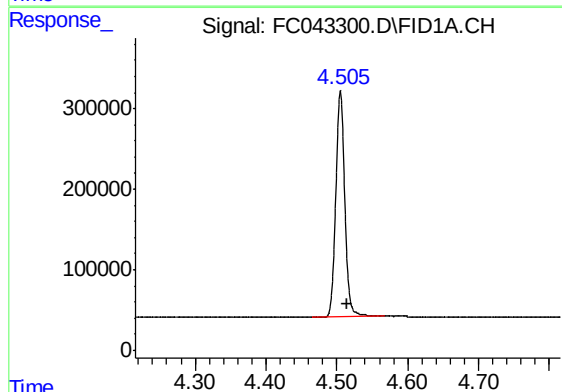
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





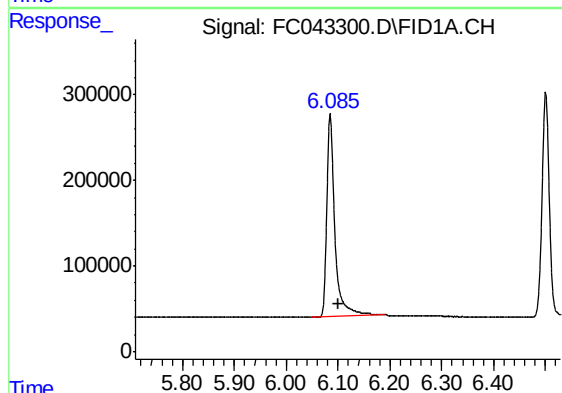
#1 n-Nonane (C9)

R.T.: 3.449 min
Delta R.T.: -0.010 min
Response: 2457397
Conc: 20.63 ug/ml



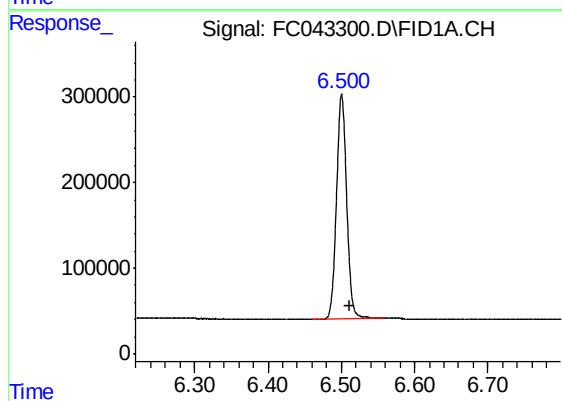
#2 n-Decane (C10)

R.T.: 4.505 min
Delta R.T.: -0.010 min
Response: 2466592
Conc: 20.74 ug/ml



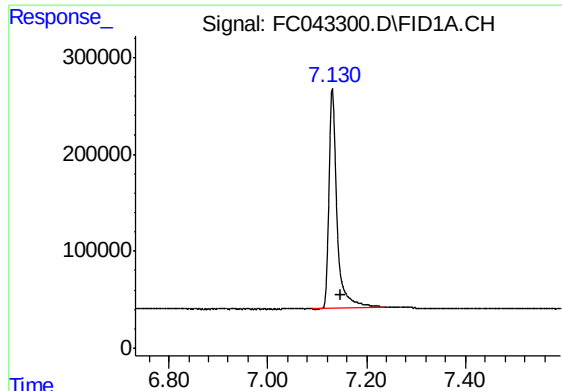
#3 A~Naphthalene (C11.7)

R.T.: 6.085 min
Delta R.T.: -0.016 min
Response: 2555276
Conc: 20.95 ug/ml



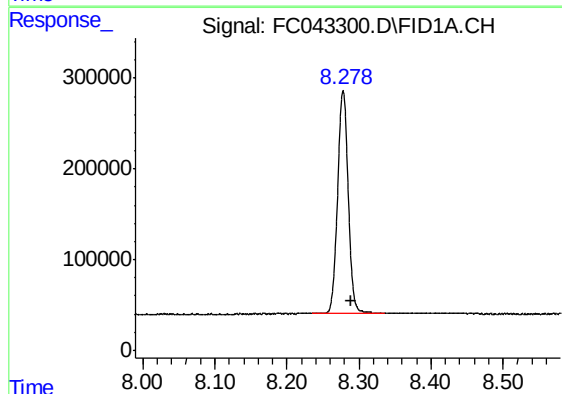
#4 n-Dodecane (C12)

R.T.: 6.501 min
Delta R.T.: -0.011 min
Response: 2521069
Conc: 20.61 ug/ml



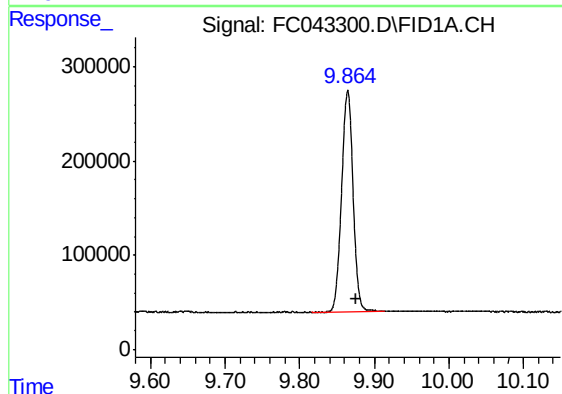
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.131 min
Delta R.T.: -0.017 min
Response: 2567714
Conc: 20.92 ug/ml



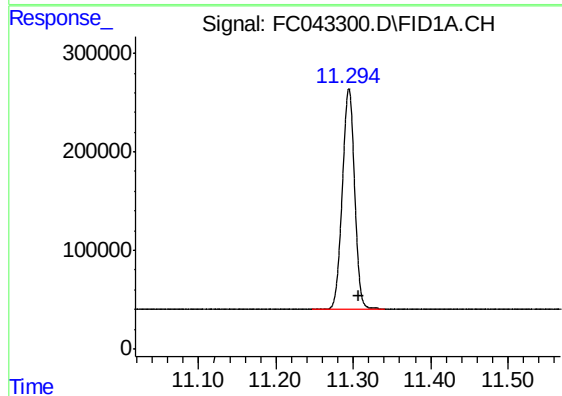
#6 n-Tetradecane (C14)

R.T.: 8.278 min
Delta R.T.: -0.012 min
Response: 2514523
Conc: 20.34 ug/ml



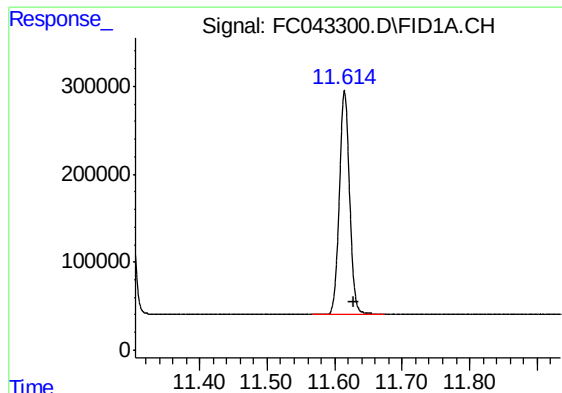
#7 n-Hexadecane (C16)

R.T.: 9.865 min
Delta R.T.: -0.012 min
Response: 2498860
Conc: 20.04 ug/ml



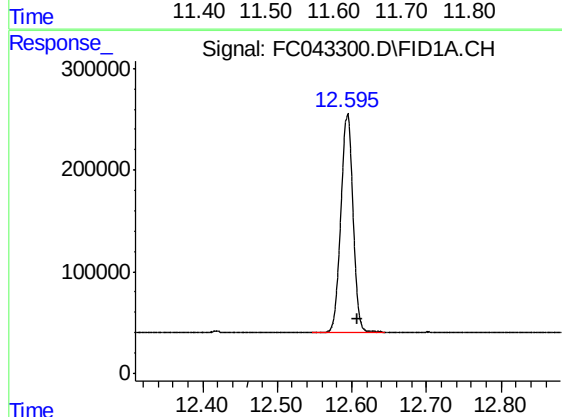
#8 n-Octadecane (C18)

R.T.: 11.294 min
Delta R.T.: -0.013 min
Response: 2475415
Conc: 19.46 ug/ml



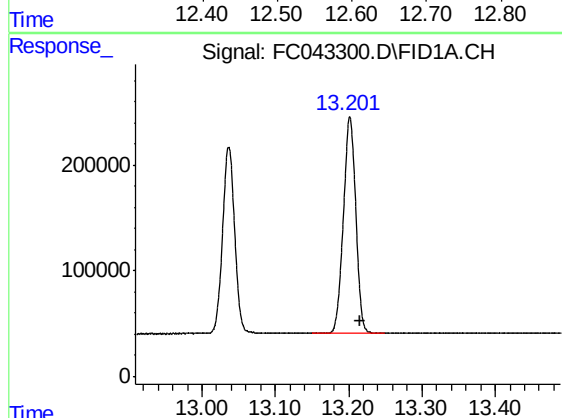
#9 ortho-Terphenyl (SURR)

R.T.: 11.615 min
Delta R.T.: -0.014 min
Response: 2676871
Conc: 18.70 ug/ml



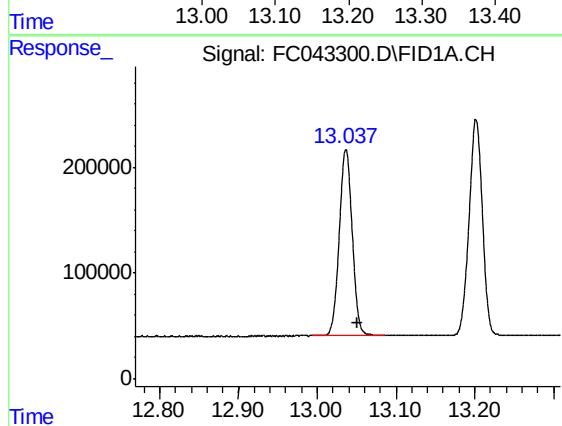
#10 n-Eicosane (C20)

R.T.: 12.594 min
Delta R.T.: -0.013 min
Response: 2423300
Conc: 18.88 ug/ml



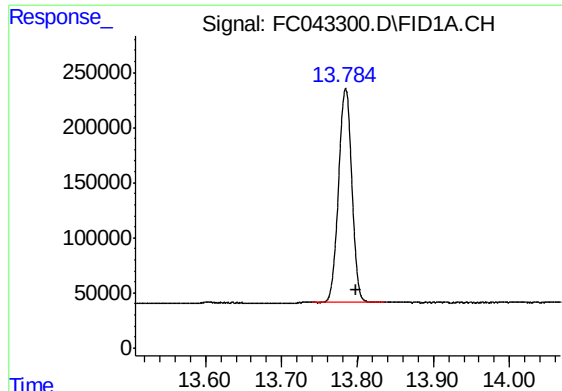
#11 n-Heneicosane (C21)

R.T.: 13.202 min
Delta R.T.: -0.013 min
Response: 2401619
Conc: 18.54 ug/ml



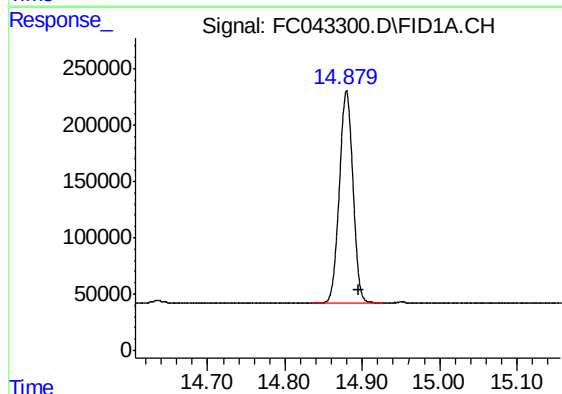
#12 1-chlorooctadecane (SURR)

R.T.: 13.037 min
Delta R.T.: -0.015 min
Response: 2018593
Conc: 18.48 ug/ml



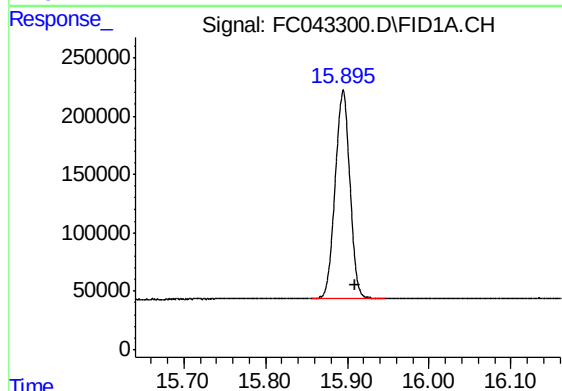
#13 n-Docosane (C22)

R.T.: 13.785 min
Delta R.T.: -0.013 min
Response: 2359217
Conc: 18.37 ug/ml



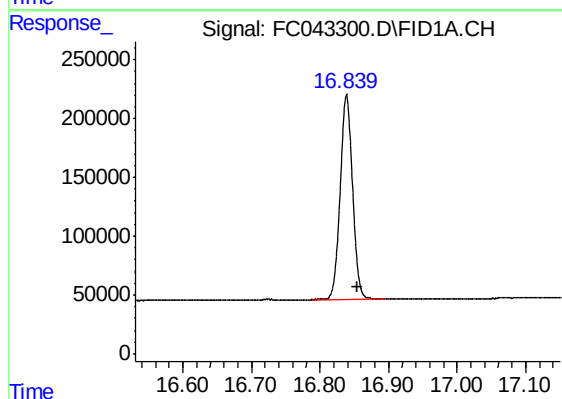
#14 n-Tetracosane (C24)

R.T.: 14.880 min
Delta R.T.: -0.015 min
Response: 2304339
Conc: 17.99 ug/ml



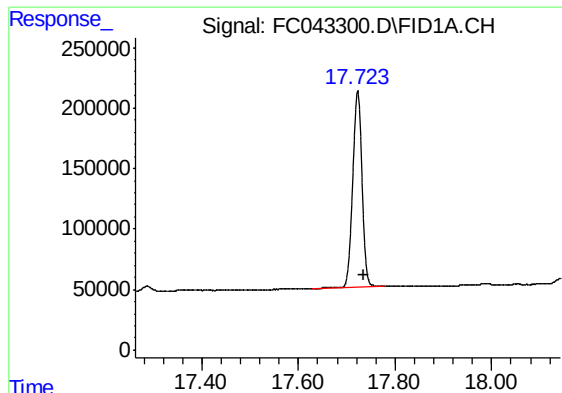
#15 n-Hexacosane (C26)

R.T.: 15.895 min
Delta R.T.: -0.014 min
Response: 2228162
Conc: 17.69 ug/ml



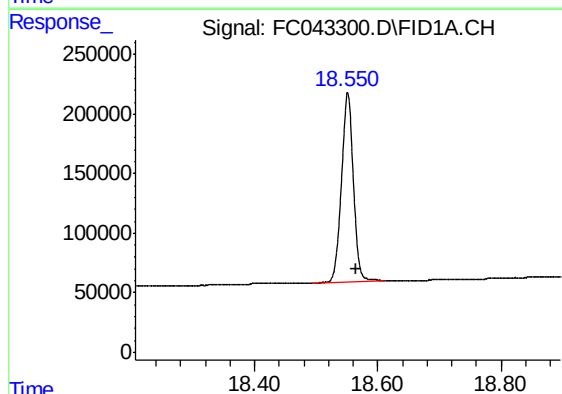
#16 n-Octacosane (C28)

R.T.: 16.839 min
Delta R.T.: -0.016 min
Response: 2169223
Conc: 17.67 ug/ml



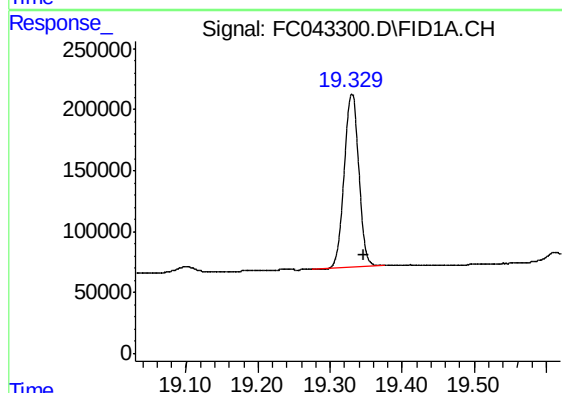
#17 n-Tricontane (C30)

R.T.: 17.723 min
Delta R.T.: -0.014 min
Response: 2154147
Conc: 17.86 ug/ml



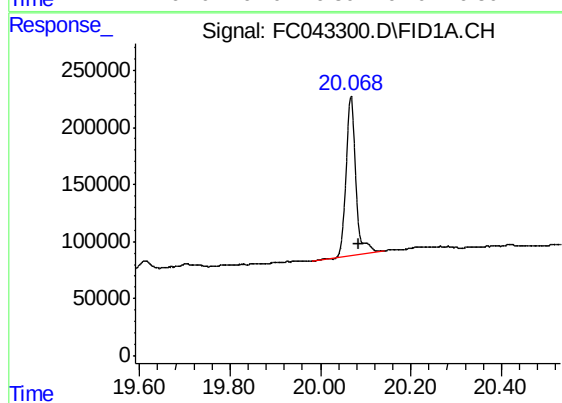
#18 n-Dotriacontane (C32)

R.T.: 18.551 min
Delta R.T.: -0.014 min
Response: 2109763
Conc: 18.50 ug/ml



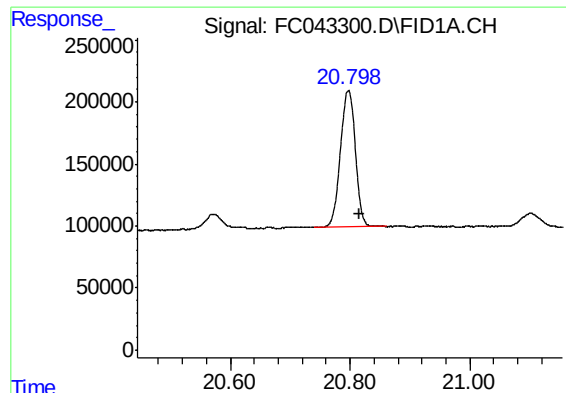
#19 n-Tetatriacontane (C34)

R.T.: 19.331 min
Delta R.T.: -0.016 min
Response: 1997604
Conc: 18.57 ug/ml



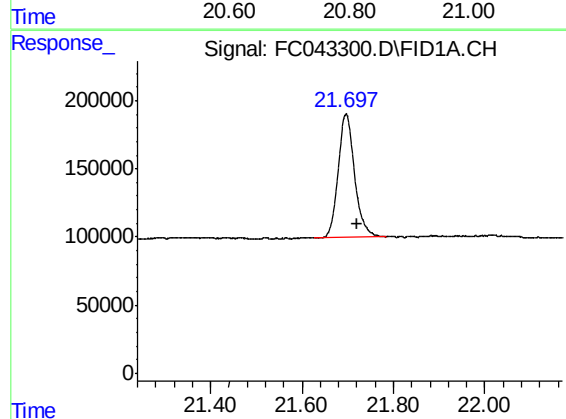
#20 n-Hexatriacontane (C36)

R.T.: 20.067 min
Delta R.T.: -0.017 min
Response: 2085335
Conc: 19.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.797 min
Delta R.T.: -0.017 min
Response: 1915436
Conc: 20.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.697 min
Delta R.T.: -0.022 min
Response: 2259334
Conc: 23.38 ug/ml