

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081619AL\
 Data File : FC042919.D
 Signal(s) : FID1A.CH
 Acq On : 15 Aug 2019 15:44
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 16 07:19:37 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 16:36:10 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)	11.678	2633310	18.538 ug/ml
Spiked Amount 50.000		Recovery =	37.08%
12) S 1-chlorooctadecane (S...	13.099	2165332	18.242 ug/ml
Spiked Amount 50.000		Recovery =	36.48%
Target Compounds			
1) T n-Nonane (C9)	3.491	2508571	20.229 ug/ml
2) T n-Decane (C10)	4.551	2563538	20.433 ug/ml
3) T A-Naphthalene (C11.7)	6.136	2747891	20.286 ug/ml
4) T n-Dodecane (C12)	6.551	2593491	20.448 ug/ml
5) T A~2-methylnaphthalene...	7.184	2740732	20.148 ug/ml
6) T n-Tetradecane (C14)	8.332	2588757	20.289 ug/ml
7) T n-Hexadecane (C16)	9.921	2573873	19.912 ug/ml
8) T n-Octadecane (C18)	11.354	2567489	19.405 ug/ml
10) T n-Eicosane (C20)	12.655	2538986	18.783 ug/ml
11) T n-Heneicosane (C21)	13.264	2494669	18.455 ug/ml
13) T n-Docosane (C22)	13.846	2470386	18.196 ug/ml
14) T n-Tetracosane (C24)	14.944	2384215	17.510 ug/ml
15) T n-Hexacosane (C26)	15.960	2313819	17.153 ug/ml
16) T n-Octacosane (C28)	16.905	2257122	16.962 ug/ml
17) T n-Tricontane (C30)	17.790	2172016	16.963 ug/ml
18) T n-Dotriacontane (C32)	18.618	1995806	17.117 ug/ml
19) T n-Tetratriacontane (C34)	19.398	1678649	17.473 ug/ml
20) T n-Hexatriacontane (C36)	20.134	1512097	18.228 ug/ml
21) T n-Octatriacontane (C38)	20.876	1415194	19.129 ug/ml
22) T n-Tetracontane (C40)	21.798	1427611	19.764 ug/ml

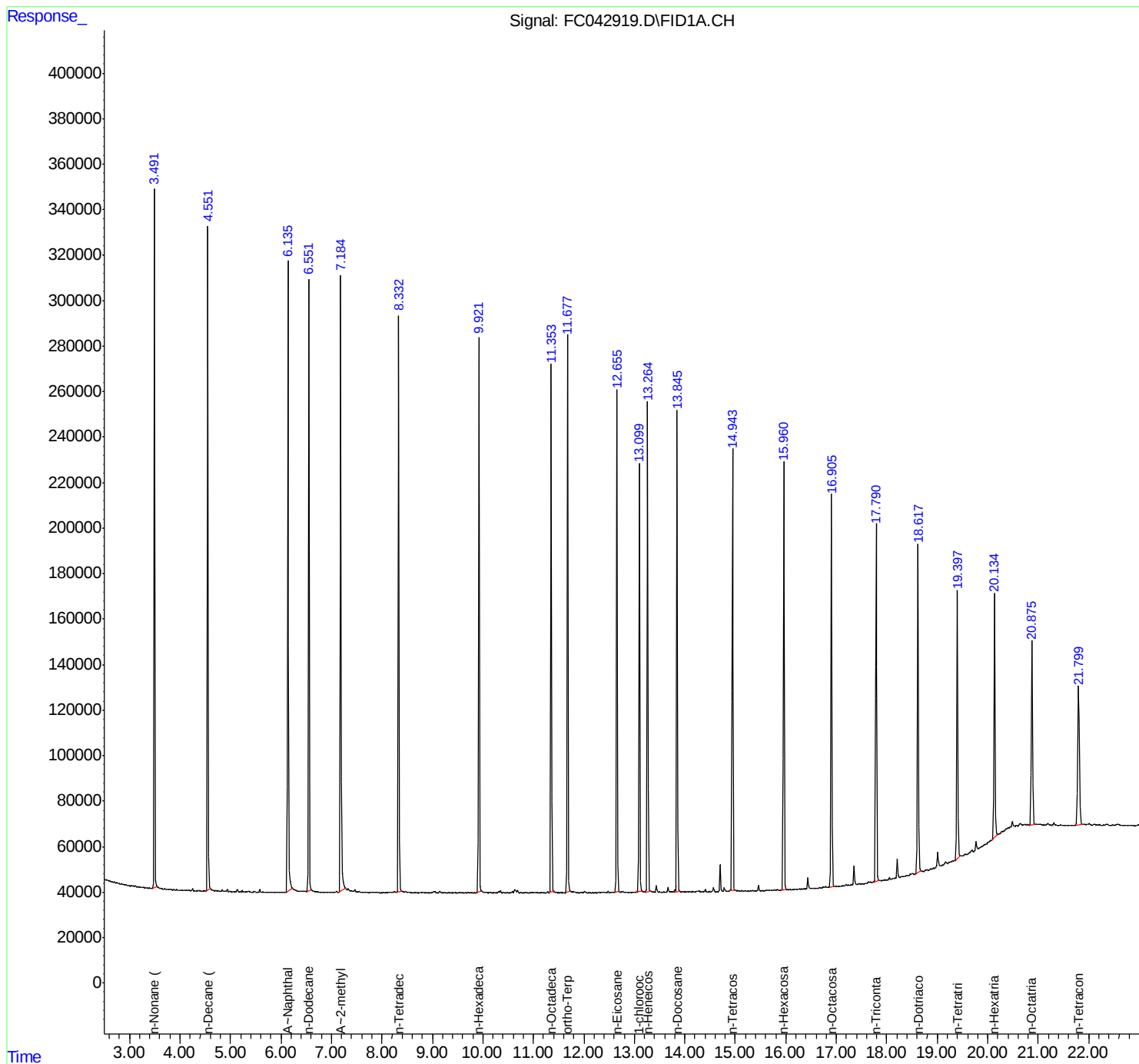
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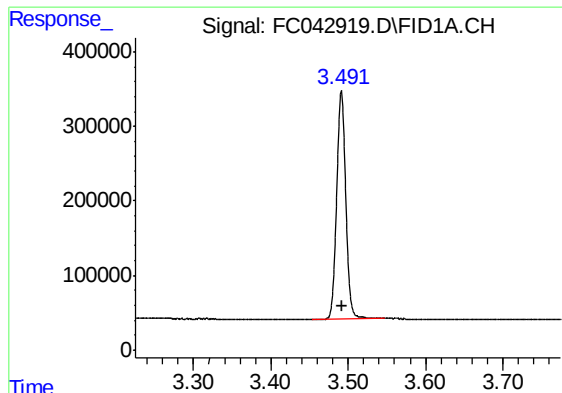
(m)=manual int.

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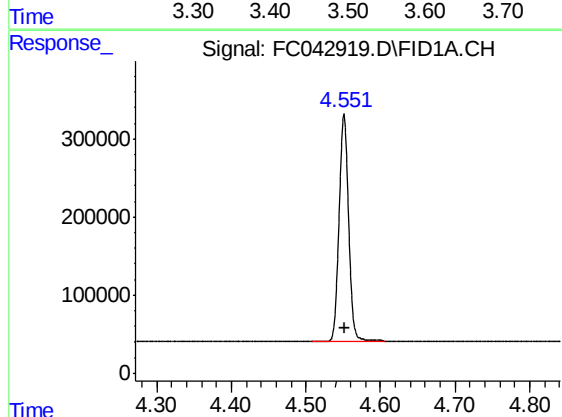
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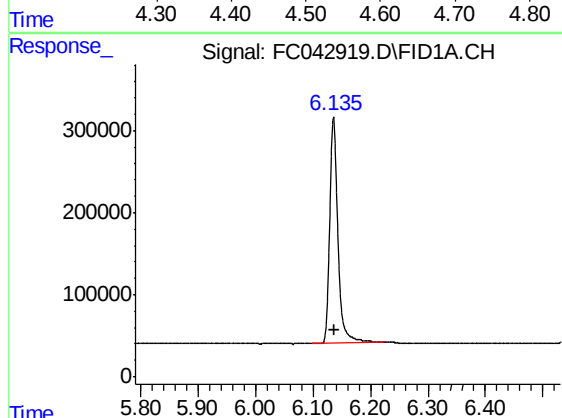
#1 n-Nonane (C9)

R.T.: 3.491 min
Delta R.T.: 0.000 min
Response: 2508571
Conc: 20.23 ug/ml



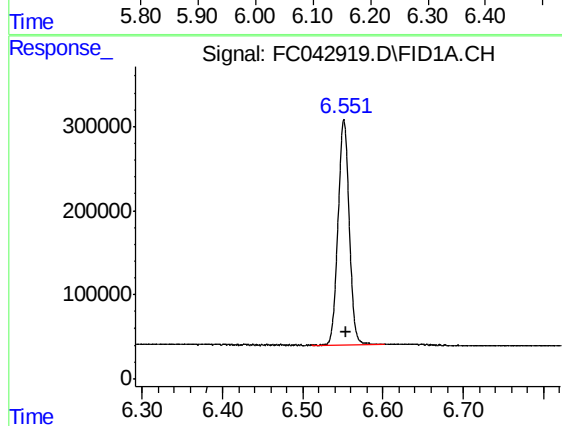
#2 n-Decane (C10)

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 2563538
Conc: 20.43 ug/ml



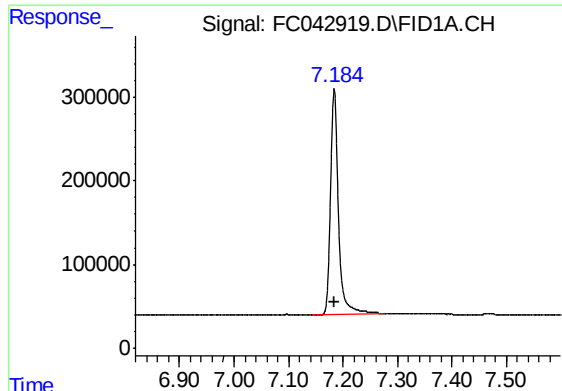
#3 A~Naphthalene (C11.7)

R.T.: 6.136 min
Delta R.T.: -0.001 min
Response: 2747891
Conc: 20.29 ug/ml



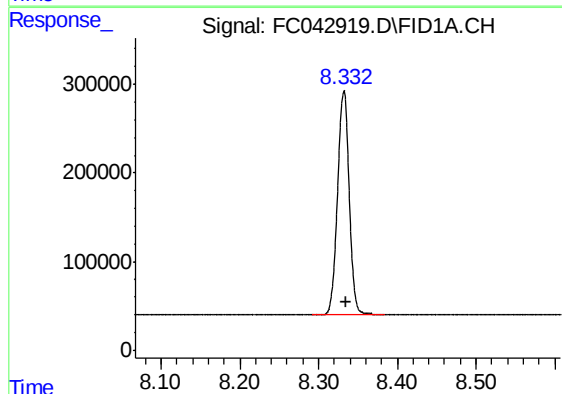
#4 n-Dodecane (C12)

R.T.: 6.551 min
Delta R.T.: -0.002 min
Response: 2593491
Conc: 20.45 ug/ml



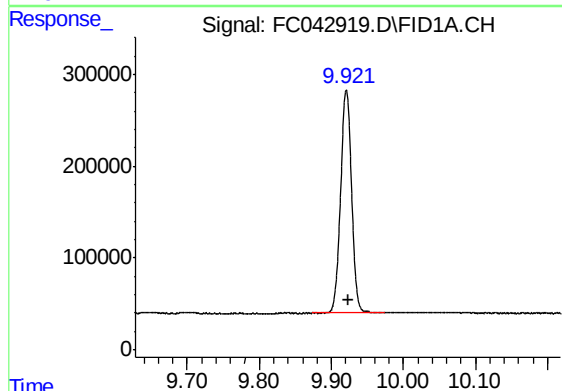
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.184 min
Delta R.T.: -0.001 min
Response: 2740732
Conc: 20.15 ug/ml



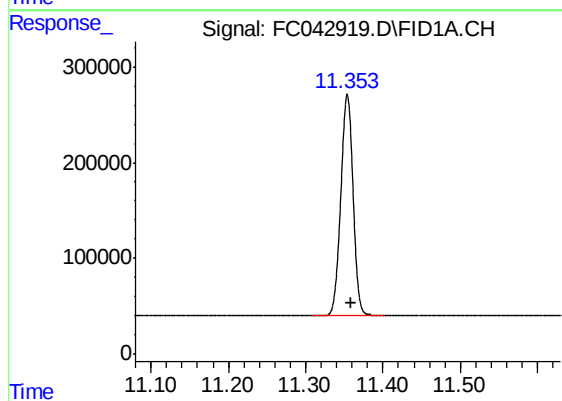
#6 n-Tetradecane (C14)

R.T.: 8.332 min
Delta R.T.: -0.002 min
Response: 2588757
Conc: 20.29 ug/ml



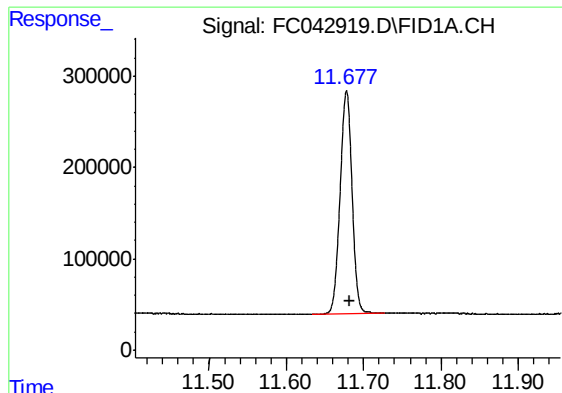
#7 n-Hexadecane (C16)

R.T.: 9.921 min
Delta R.T.: -0.004 min
Response: 2573873
Conc: 19.91 ug/ml



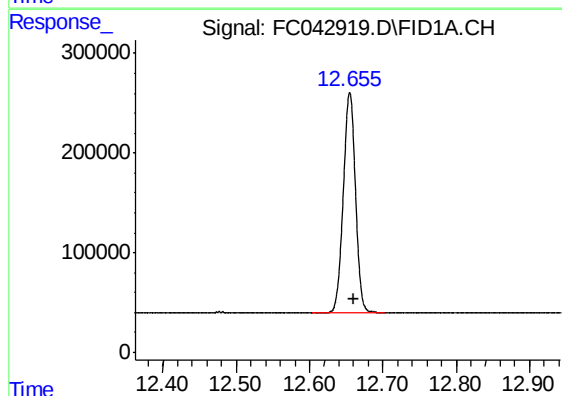
#8 n-Octadecane (C18)

R.T.: 11.354 min
Delta R.T.: -0.004 min
Response: 2567489
Conc: 19.40 ug/ml



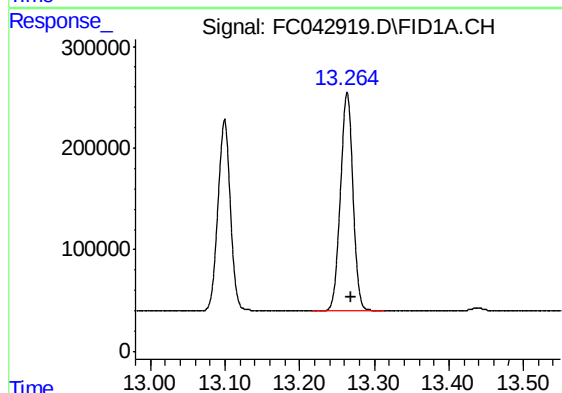
#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: -0.005 min
Response: 2633310
Conc: 18.54 ug/ml



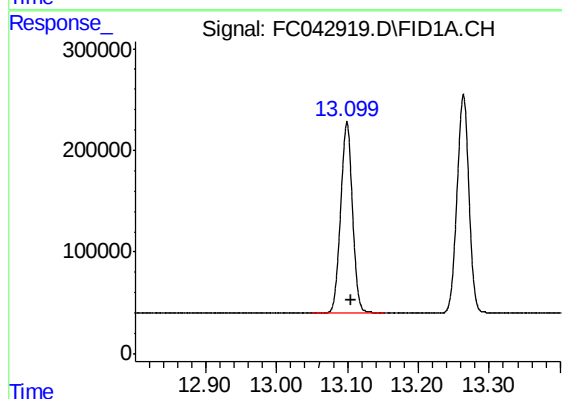
#10 n-Eicosane (C20)

R.T.: 12.655 min
Delta R.T.: -0.005 min
Response: 2538986
Conc: 18.78 ug/ml



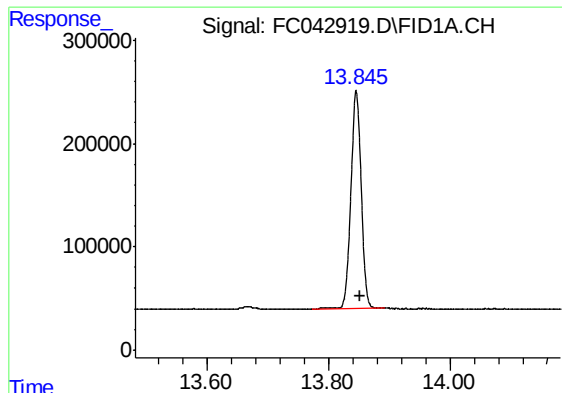
#11 n-Heneicosane (C21)

R.T.: 13.264 min
Delta R.T.: -0.005 min
Response: 2494669
Conc: 18.45 ug/ml



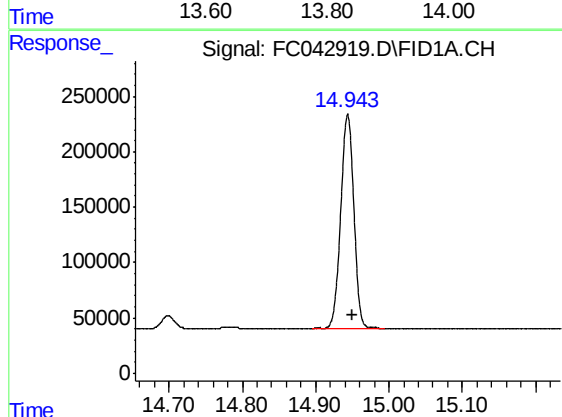
#12 1-chlorooctadecane (SURR)

R.T.: 13.099 min
Delta R.T.: -0.005 min
Response: 2165332
Conc: 18.24 ug/ml



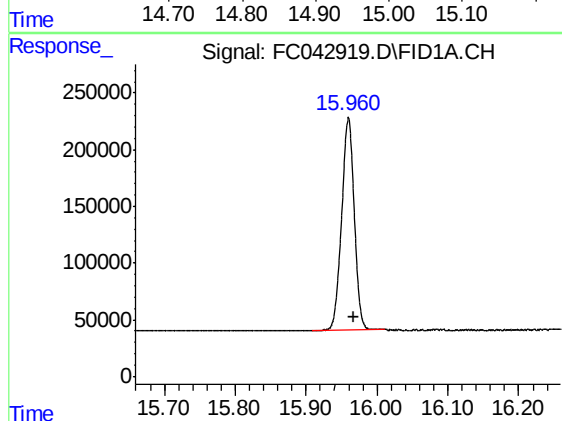
#13 n-Docosane (C22)

R.T.: 13.846 min
Delta R.T.: -0.006 min
Response: 2470386
Conc: 18.20 ug/ml



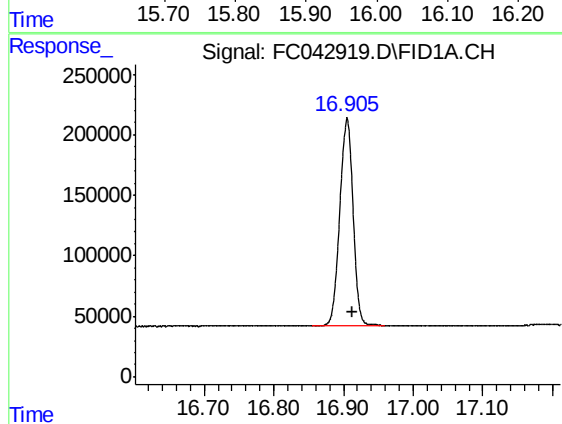
#14 n-Tetracosane (C24)

R.T.: 14.944 min
Delta R.T.: -0.006 min
Response: 2384215
Conc: 17.51 ug/ml



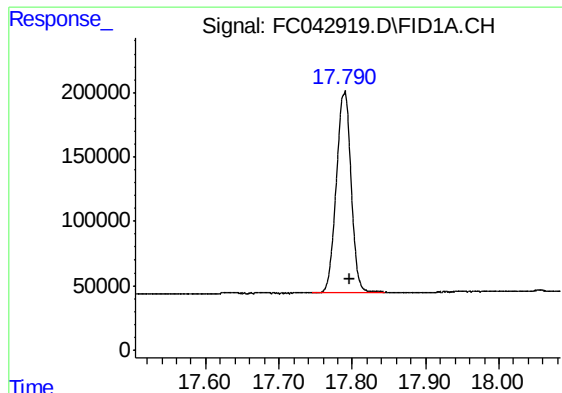
#15 n-Hexacosane (C26)

R.T.: 15.960 min
Delta R.T.: -0.007 min
Response: 2313819
Conc: 17.15 ug/ml



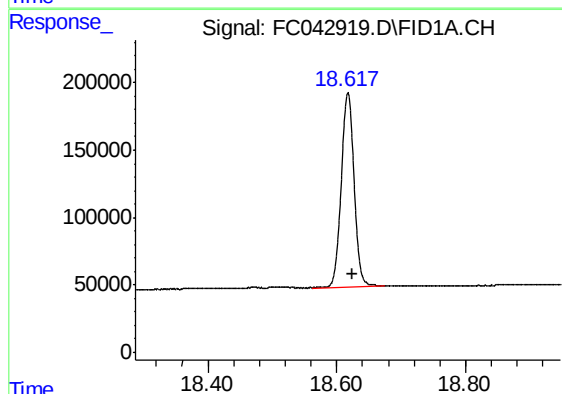
#16 n-Octacosane (C28)

R.T.: 16.905 min
Delta R.T.: -0.007 min
Response: 2257122
Conc: 16.96 ug/ml



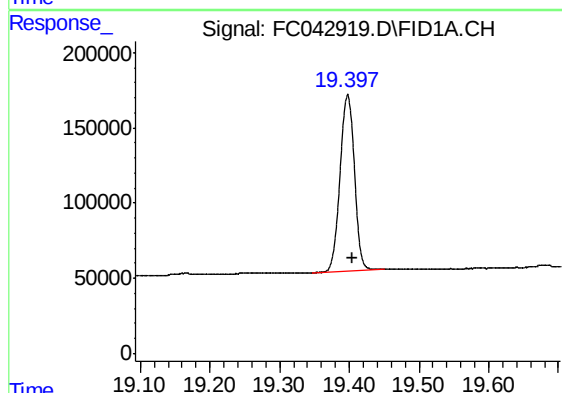
#17 n-Tricontane (C30)

R.T.: 17.790 min
Delta R.T.: -0.007 min
Response: 2172016
Conc: 16.96 ug/ml



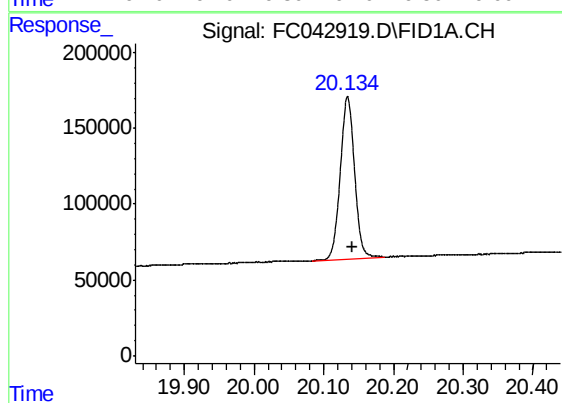
#18 n-Dotriacontane (C32)

R.T.: 18.618 min
Delta R.T.: -0.007 min
Response: 1995806
Conc: 17.12 ug/ml



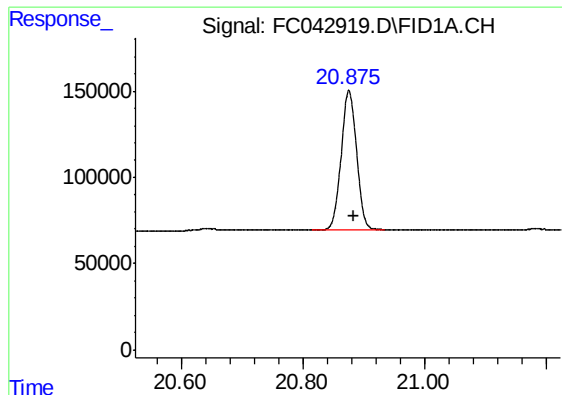
#19 n-Tetratriacontane (C34)

R.T.: 19.398 min
Delta R.T.: -0.006 min
Response: 1678649
Conc: 17.47 ug/ml



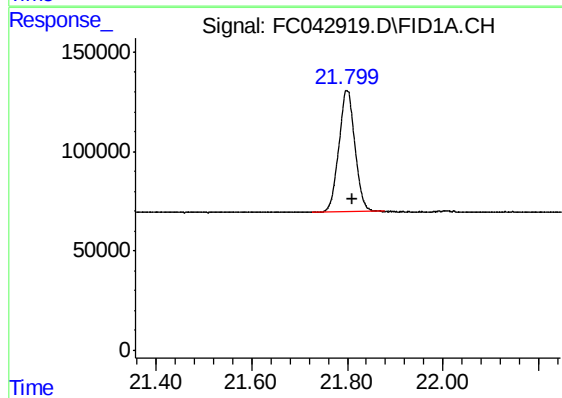
#20 n-Hexatriacontane (C36)

R.T.: 20.134 min
Delta R.T.: -0.007 min
Response: 1512097
Conc: 18.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.876 min
Delta R.T.: -0.008 min
Response: 1415194
Conc: 19.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.798 min
Delta R.T.: -0.012 min
Response: 1427611
Conc: 19.76 ug/ml