

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083019AL\
 Data File : FC043269.D
 Signal(s) : FID1A.CH
 Acq On : 31 Aug 2019 17:07
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 31 23:46:30 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)	11.619	2794183	19.515 ug/ml
Spiked Amount 50.000		Recovery =	39.03%
12) S 1-chlorooctadecane (S...	13.040	2097496	19.199 ug/ml
Spiked Amount 50.000		Recovery =	38.40%
Target Compounds			
1) T n-Nonane (C9)	3.455	2574627	21.617 ug/ml
2) T n-Decane (C10)	4.510	2652320	22.305 ug/ml
3) T A-Naphthalene (C11.7)	6.088	2736749	22.436 ug/ml
4) T n-Dodecane (C12)	6.504	2715447	22.196 ug/ml
5) T A~2-methylnaphthalene...	7.134	2756942	22.459 ug/ml
6) T n-Tetradecane (C14)	8.281	2684083	21.713 ug/ml
7) T n-Hexadecane (C16)	9.868	2647511	21.235 ug/ml
8) T n-Octadecane (C18)	11.298	2594273	20.396 ug/ml
10) T n-Eicosane (C20)	12.597	2523861	19.659 ug/ml
11) T n-Heneicosane (C21)	13.205	2499690	19.302 ug/ml
13) T n-Docosane (C22)	13.788	2465062	19.189 ug/ml
14) T n-Tetracosane (C24)	14.884	2433349	18.994 ug/ml
15) T n-Hexacosane (C26)	15.899	2395945	19.024 ug/ml
16) T n-Octacosane (C28)	16.843	2398153	19.531 ug/ml
17) T n-Tricontane (C30)	17.727	2437625	20.211 ug/ml
18) T n-Dotriacontane (C32)	18.554	2398808	21.030 ug/ml
19) T n-Tetratriacontane (C34)	19.334	2297430	21.353 ug/ml
20) T n-Hexatriacontane (C36)	20.071	2205337	20.946 ug/ml
21) T n-Octatriacontane (C38)	20.800	2129572	22.762 ug/ml
22) T n-Tetracontane (C40)	21.699	2178028	22.543 ug/ml

(f)=RT Delta > 1/2 Window

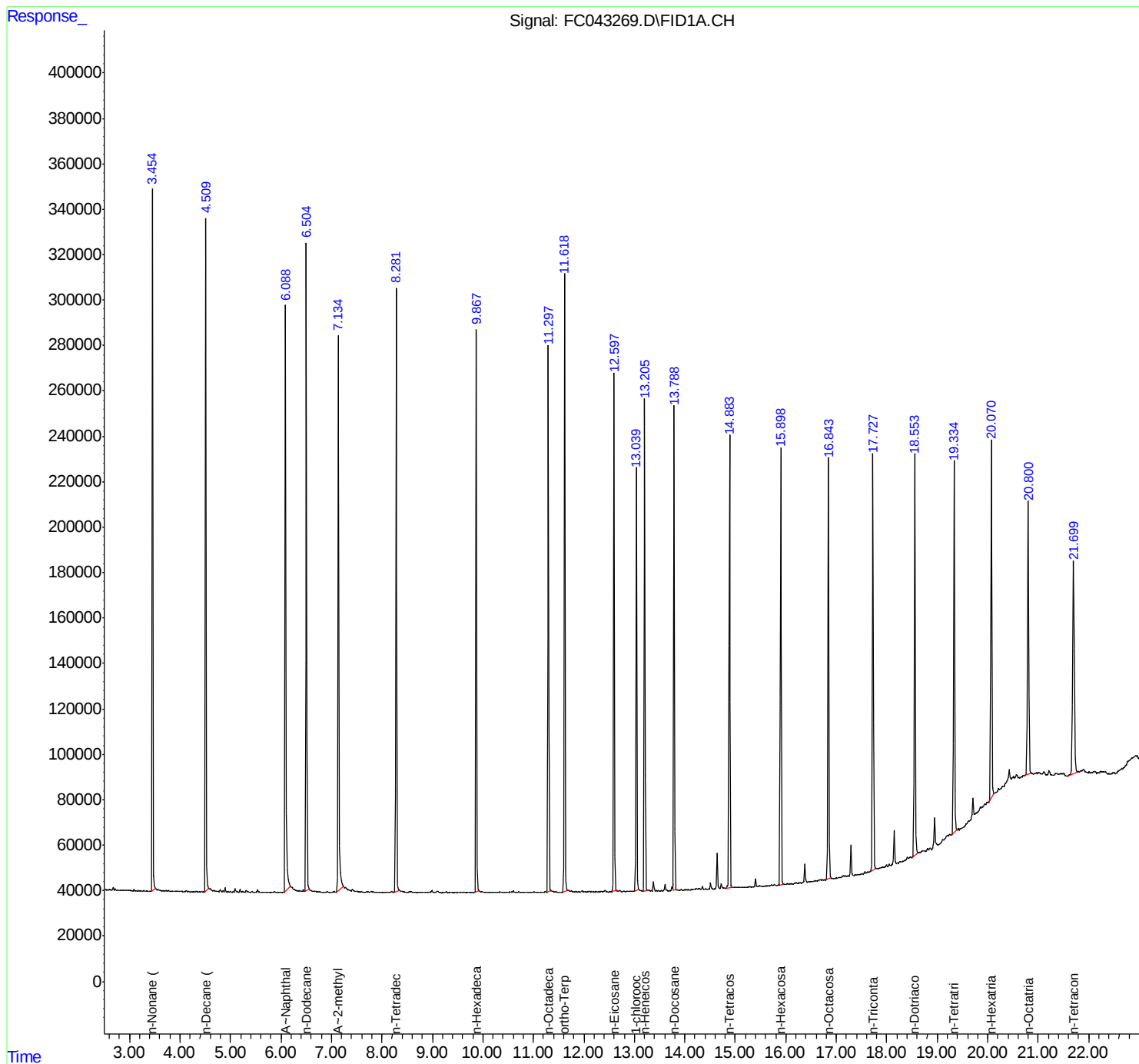
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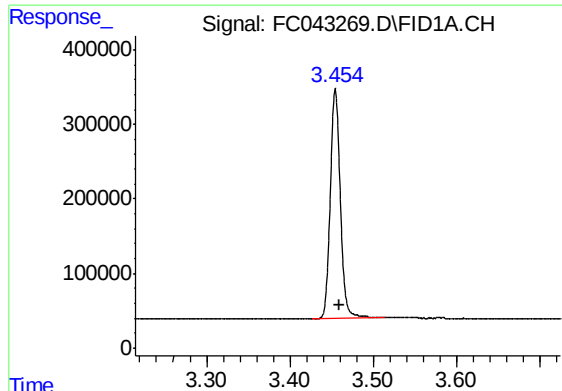
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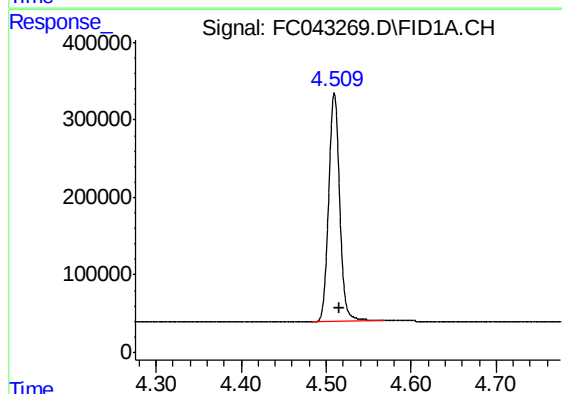




#1 n-Nonane (C9)

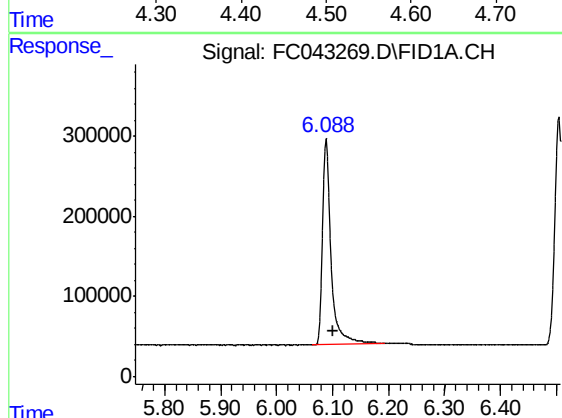
R.T.: 3.455 min
Delta R.T.: -0.004 min
Response: 2574627
Conc: 21.62 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



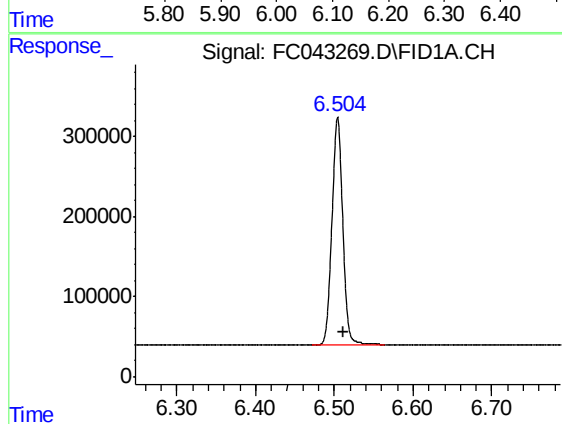
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: -0.005 min
Response: 2652320
Conc: 22.31 ug/ml



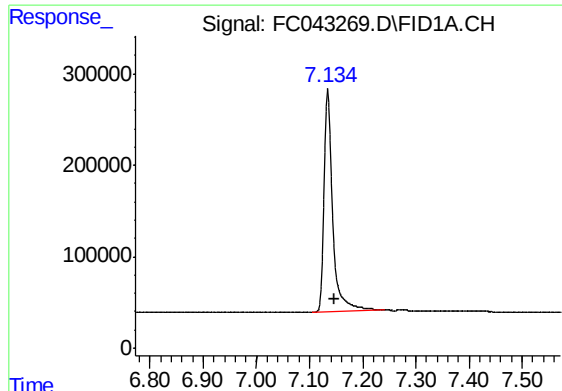
#3 A~Naphthalene (C11.7)

R.T.: 6.088 min
Delta R.T.: -0.013 min
Response: 2736749
Conc: 22.44 ug/ml



#4 n-Dodecane (C12)

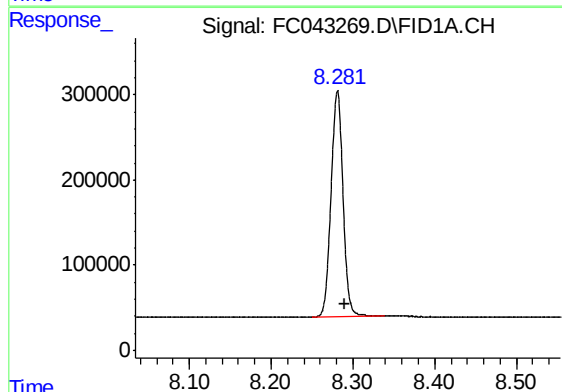
R.T.: 6.504 min
Delta R.T.: -0.007 min
Response: 2715447
Conc: 22.20 ug/ml



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

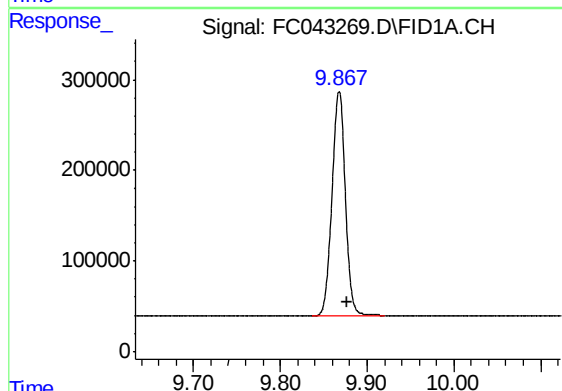
R.T.: 7.134 min
Delta R.T.: -0.014 min
Response: 2756942
Conc: 22.46 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



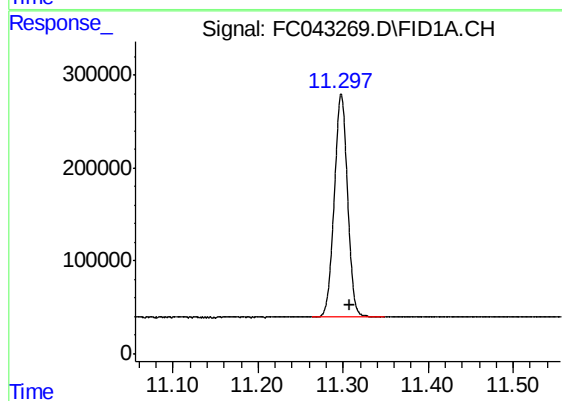
#6 n-Tetradecane (C14)

R.T.: 8.281 min
Delta R.T.: -0.009 min
Response: 2684083
Conc: 21.71 ug/ml



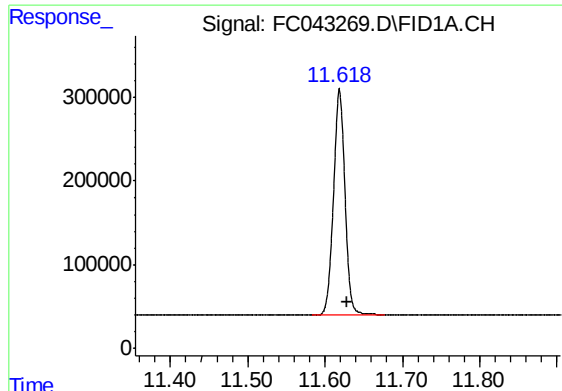
#7 n-Hexadecane (C16)

R.T.: 9.868 min
Delta R.T.: -0.009 min
Response: 2647511
Conc: 21.24 ug/ml



#8 n-Octadecane (C18)

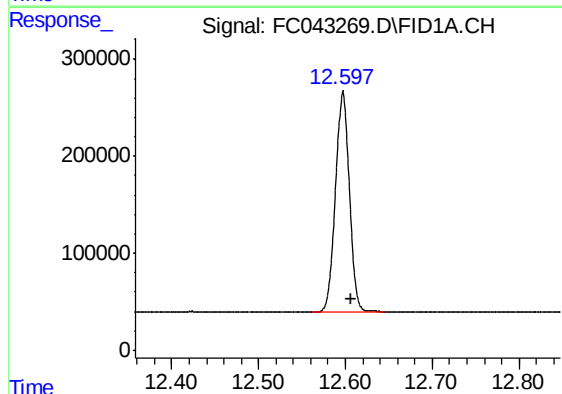
R.T.: 11.298 min
Delta R.T.: -0.010 min
Response: 2594273
Conc: 20.40 ug/ml



#9 ortho-Terphenyl (SURR)

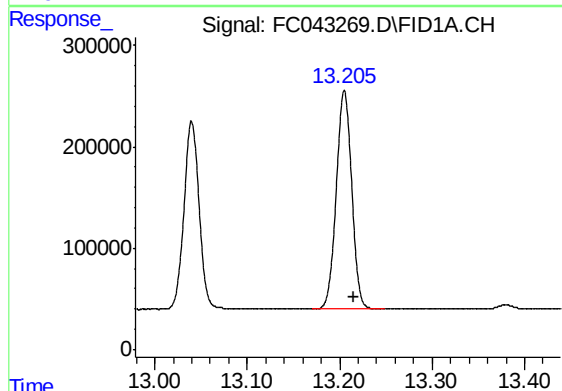
R.T.: 11.619 min
Delta R.T.: -0.010 min
Response: 2794183
Conc: 19.52 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



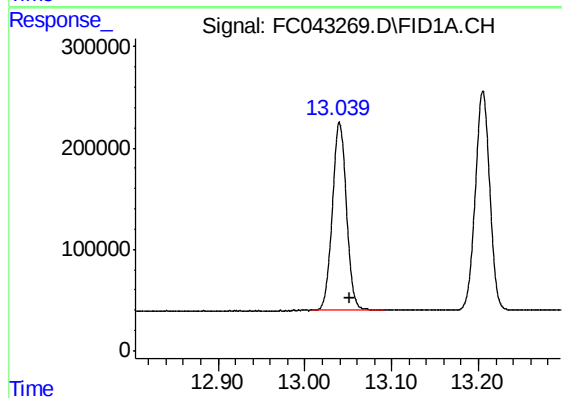
#10 n-Eicosane (C20)

R.T.: 12.597 min
Delta R.T.: -0.010 min
Response: 2523861
Conc: 19.66 ug/ml



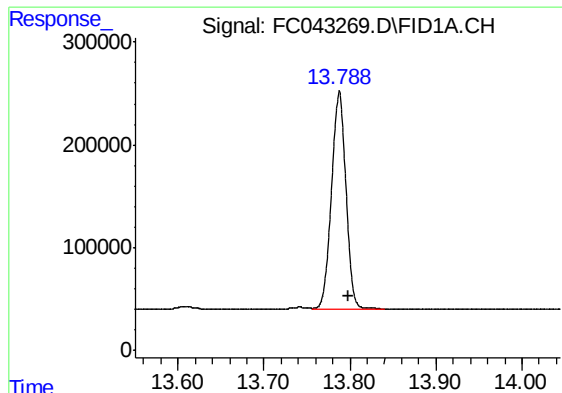
#11 n-Heneicosane (C21)

R.T.: 13.205 min
Delta R.T.: -0.010 min
Response: 2499690
Conc: 19.30 ug/ml



#12 1-chlorooctadecane (SURR)

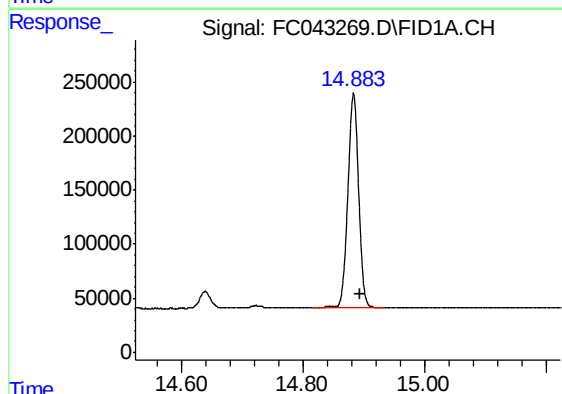
R.T.: 13.040 min
Delta R.T.: -0.011 min
Response: 2097496
Conc: 19.20 ug/ml



#13 n-Docosane (C22)

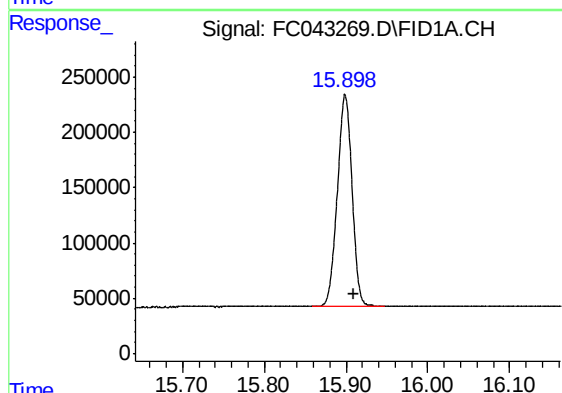
R.T.: 13.788 min
Delta R.T.: -0.010 min
Response: 2465062
Conc: 19.19 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



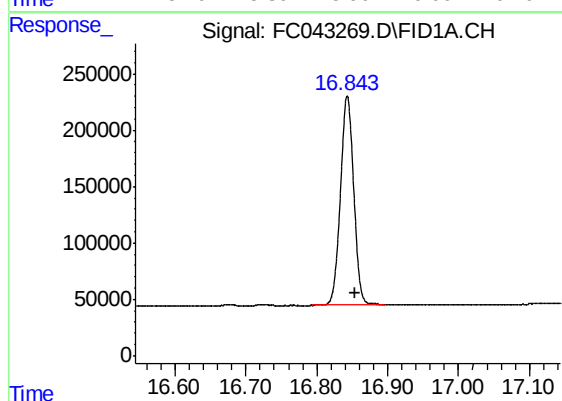
#14 n-Tetracosane (C24)

R.T.: 14.884 min
Delta R.T.: -0.011 min
Response: 2433349
Conc: 18.99 ug/ml



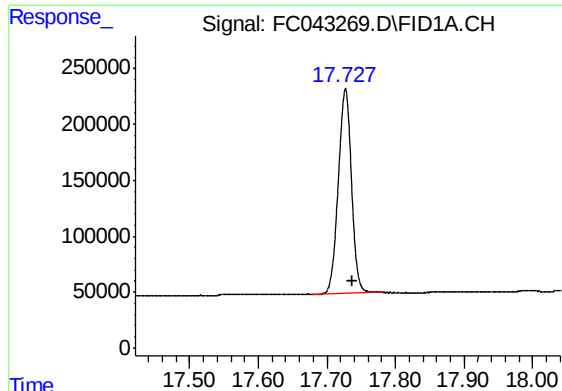
#15 n-Hexacosane (C26)

R.T.: 15.899 min
Delta R.T.: -0.011 min
Response: 2395945
Conc: 19.02 ug/ml



#16 n-Octacosane (C28)

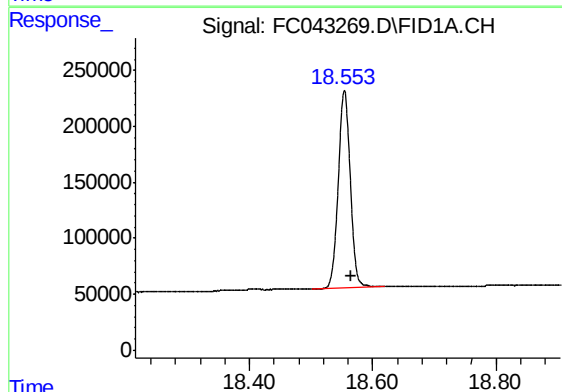
R.T.: 16.843 min
Delta R.T.: -0.012 min
Response: 2398153
Conc: 19.53 ug/ml



#17 n-Tricontane (C30)

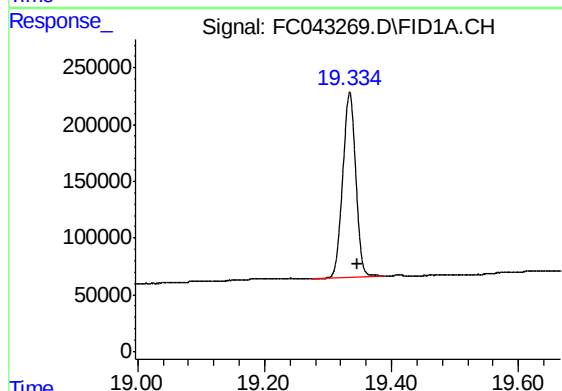
R.T.: 17.727 min
Delta R.T.: -0.009 min
Response: 2437625
Conc: 20.21 ug/ml

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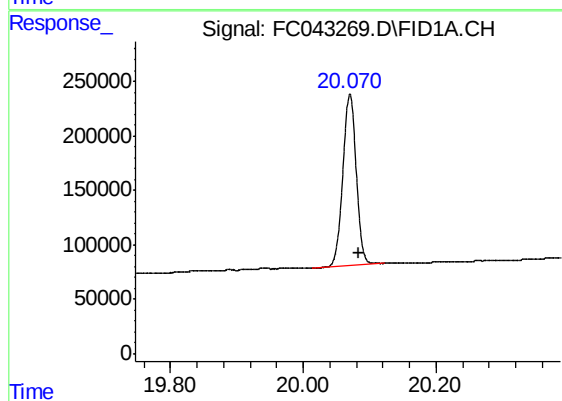
#18 n-Dotriacontane (C32)

R.T.: 18.554 min
Delta R.T.: -0.012 min
Response: 2398808
Conc: 21.03 ug/ml



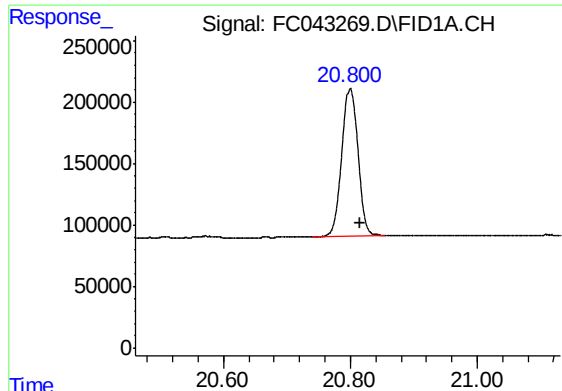
#19 n-Tetatriacontane (C34)

R.T.: 19.334 min
Delta R.T.: -0.012 min
Response: 2297430
Conc: 21.35 ug/ml



#20 n-Hexatriacontane (C36)

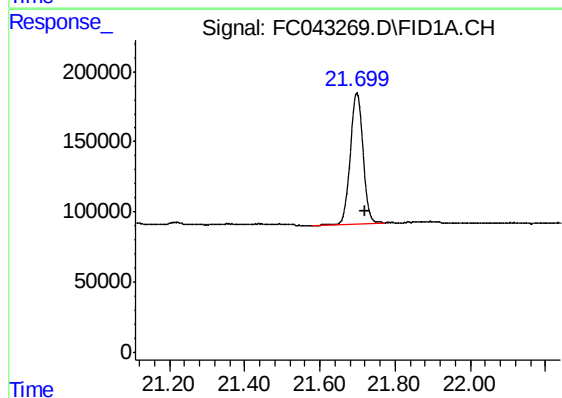
R.T.: 20.071 min
Delta R.T.: -0.013 min
Response: 2205337
Conc: 20.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: -0.014 min
Response: 2129572
Conc: 22.76 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.699 min
Delta R.T.: -0.021 min
Response: 2178028
Conc: 22.54 ug/ml