

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082919AL\
 Data File : FC043223.D
 Signal(s) : FID1A.CH
 Acq On : 30 Aug 2019 9:58
 Operator : DD\AJ
 Sample : K4581-02MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
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 8/30/2019 5:51:31 PM

Integration File: autoint1.e
 Quant Time: Aug 30 12:49:40 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)	11.628	5035629	35.170 ug/mlm
Spiked Amount 50.000		Recovery =	70.34%
12) S 1-chlorooctadecane (S...	13.051	4019248	36.789 ug/ml
Spiked Amount 50.000		Recovery =	73.58%
Target Compounds			
1) T n-Nonane (C9)	3.455	2869039	24.089 ug/ml
2) T n-Decane (C10)	4.511	3334750	28.044 ug/ml
3) T A-Naphthalene (C11.7)	6.090	3860406	31.648 ug/ml
4) T n-Dodecane (C12)	6.507	3652980	29.859 ug/ml
5) T A~2-methylnaphthalene...	7.136	4013058	32.692 ug/ml
6) T n-Tetradecane (C14)	8.286	4082529	33.026 ug/ml
7) T n-Hexadecane (C16)	9.873	4330531	34.735 ug/ml
8) T n-Octadecane (C18)	11.308	4381438	34.446 ug/mlm
10) T n-Eicosane (C20)	12.609	4512990	35.153 ug/ml
11) T n-Heneicosane (C21)	13.217	4406728	34.027 ug/ml
13) T n-Docosane (C22)	13.799	4395967	34.220 ug/ml
14) T n-Tetracosane (C24)	14.897	8274069	64.584 ug/ml
15) T n-Hexacosane (C26)	15.907	4035936	32.045 ug/ml
16) T n-Octacosane (C28)	16.850	4213138	34.313 ug/ml
17) T n-Tricontane (C30)	17.733	3941994	32.684 ug/ml
18) T n-Dotriacontane (C32)	18.562	3821983	33.506 ug/ml
19) T n-Tetratriacontane (C34)	19.340	3554597	33.037 ug/ml
20) T n-Hexatriacontane (C36)	20.077	3408863	32.377 ug/ml
21) T n-Octatriacontane (C38)	20.809	3088592	33.012 ug/ml
22) T n-Tetracontane (C40)	21.711	3276305	33.910 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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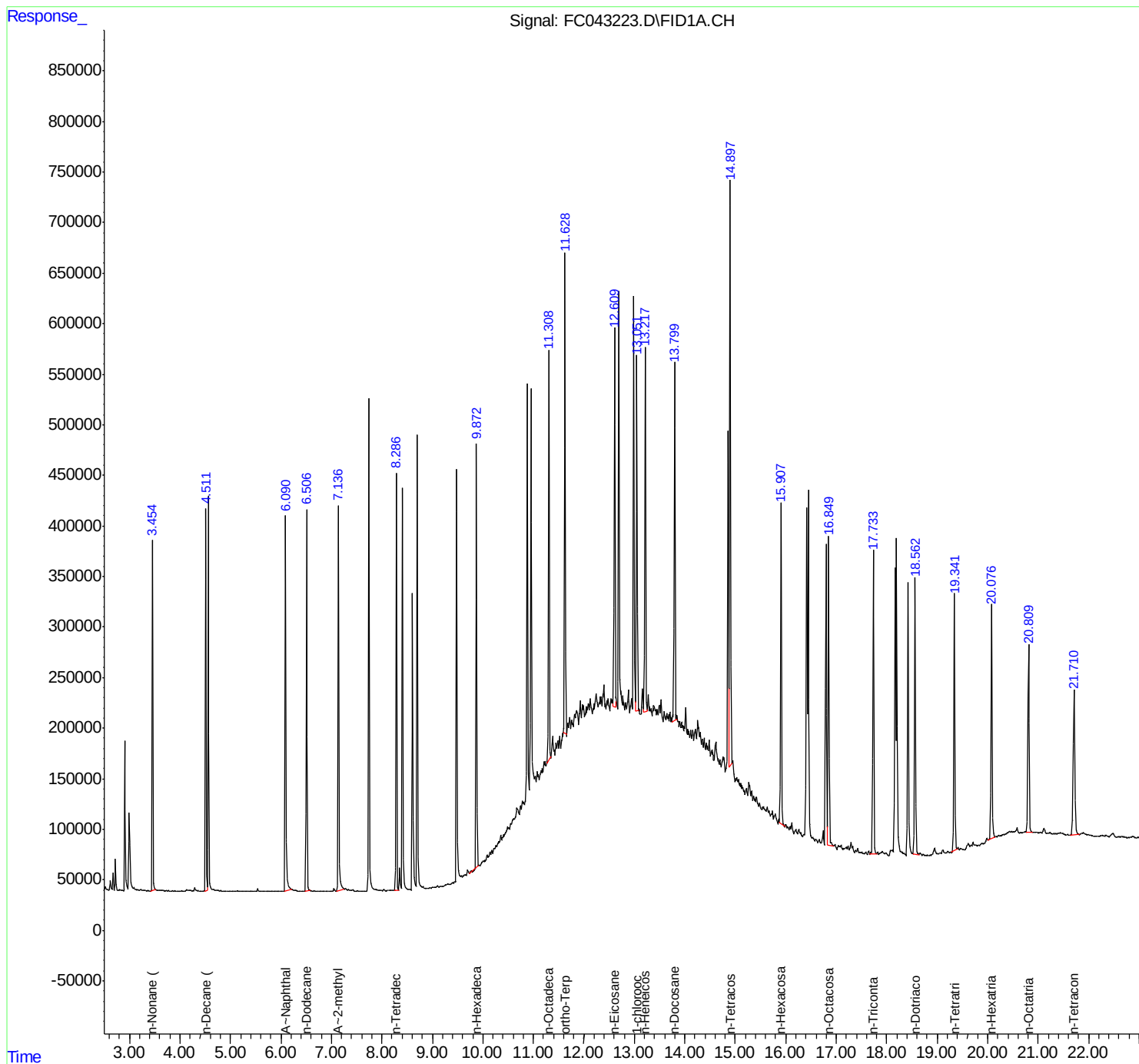
Instrument :
FID_C
ClientSampleId :

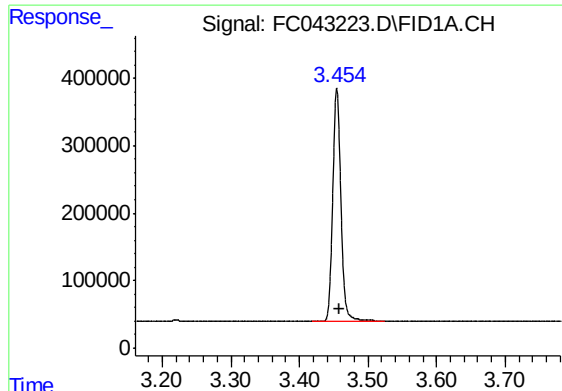
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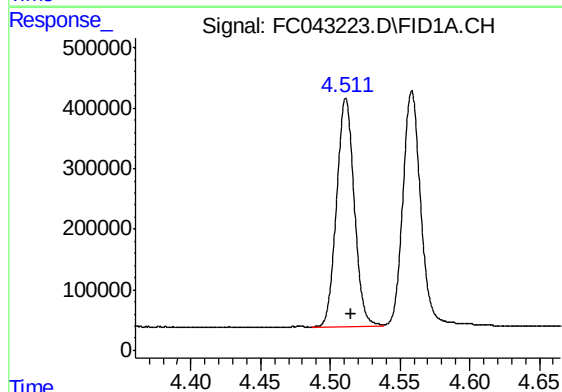
#1 n-Nonane (C9)

R.T.: 3.455 min
Delta R.T.: -0.004 min
Response: 2869039
Conc: 24.09 ug/ml

Instrument :
FID_C
ClientSampleId :

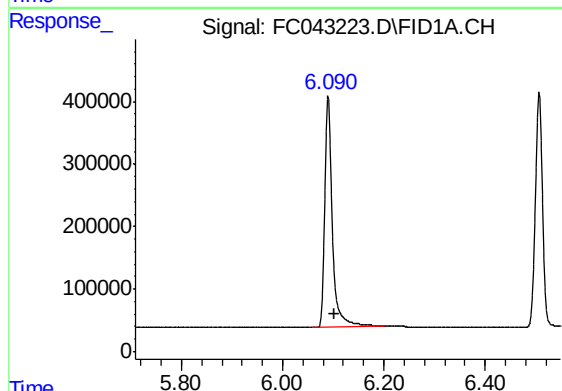
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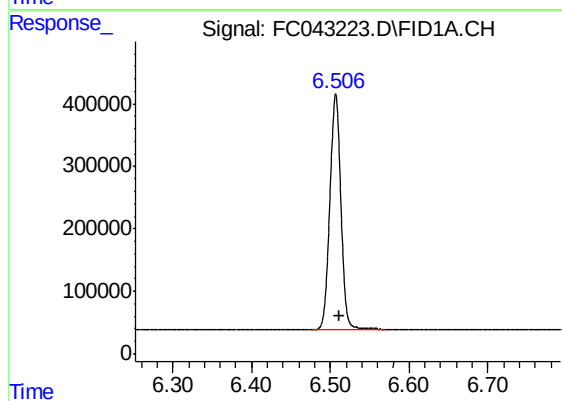
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: -0.004 min
Response: 3334750
Conc: 28.04 ug/ml



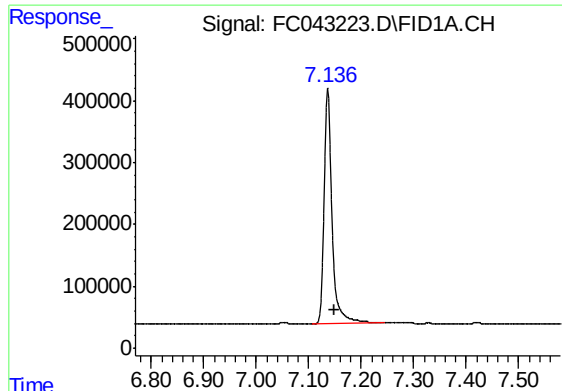
#3 A~Naphthalene (C11.7)

R.T.: 6.090 min
Delta R.T.: -0.011 min
Response: 3860406
Conc: 31.65 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.507 min
Delta R.T.: -0.005 min
Response: 3652980
Conc: 29.86 ug/ml



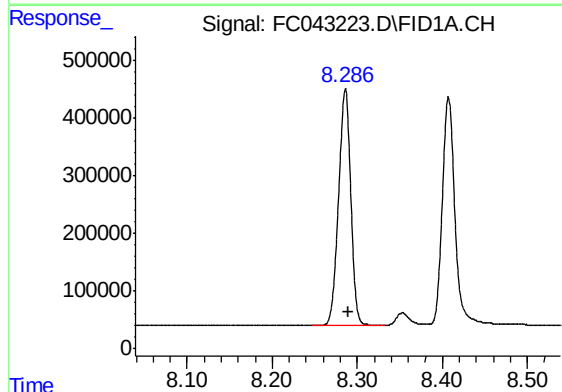
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.136 min
Delta R.T.: -0.012 min
Response: 4013058
Conc: 32.69 ug/ml

Instrument :
FID_C
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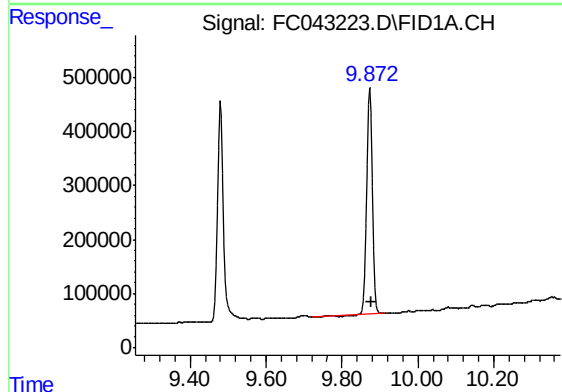
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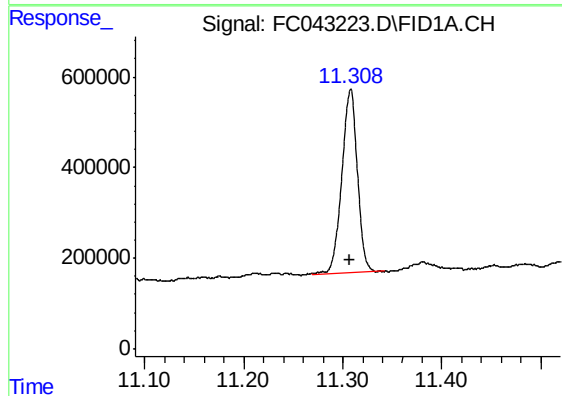
#6 n-Tetradecane (C14)

R.T.: 8.286 min
Delta R.T.: -0.004 min
Response: 4082529
Conc: 33.03 ug/ml



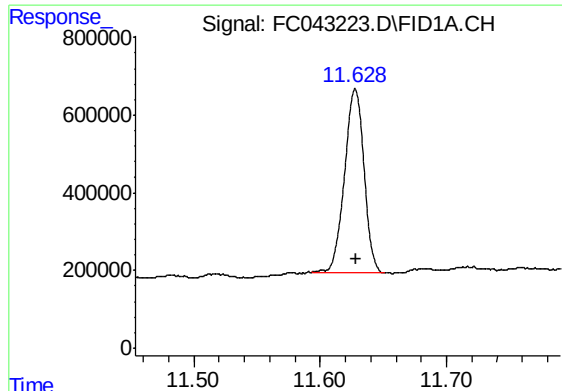
#7 n-Hexadecane (C16)

R.T.: 9.873 min
Delta R.T.: -0.003 min
Response: 4330531
Conc: 34.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.308 min
Delta R.T.: 0.000 min
Response: 4381438
Conc: 34.45 ug/ml m



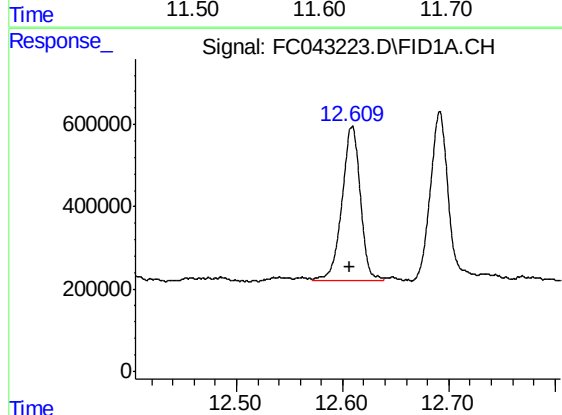
#9 ortho-Terphenyl (SURR)

R.T.: 11.628 min
Delta R.T.: -0.001 min
Response: 5035629
Conc: 35.17 ug/ml m

Instrument :
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ClientSampleId :

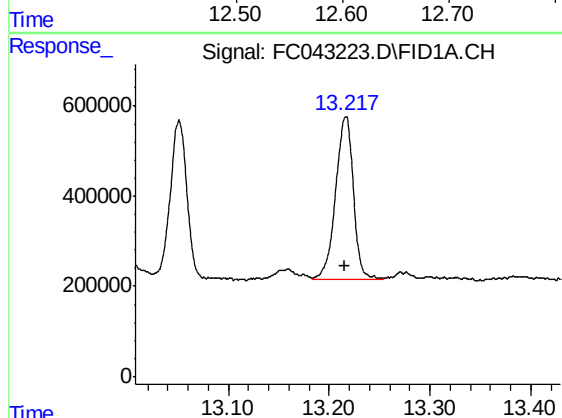
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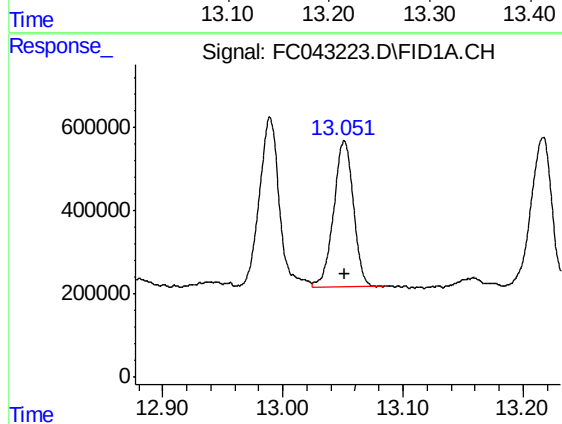
#10 n-Eicosane (C20)

R.T.: 12.609 min
Delta R.T.: 0.002 min
Response: 4512990
Conc: 35.15 ug/ml



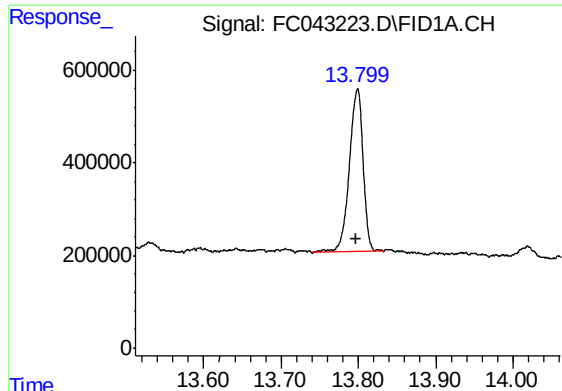
#11 n-Heneicosane (C21)

R.T.: 13.217 min
Delta R.T.: 0.002 min
Response: 4406728
Conc: 34.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.051 min
Delta R.T.: 0.000 min
Response: 4019248
Conc: 36.79 ug/ml



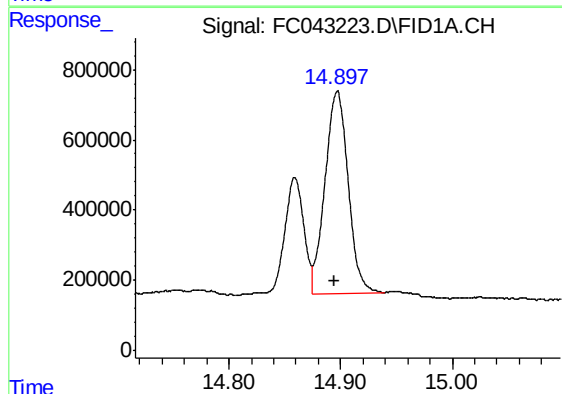
#13 n-Docosane (C22)

R.T.: 13.799 min
Delta R.T.: 0.001 min
Response: 4395967
Conc: 34.22 ug/ml

Instrument :
FID_C
ClientSampleId :

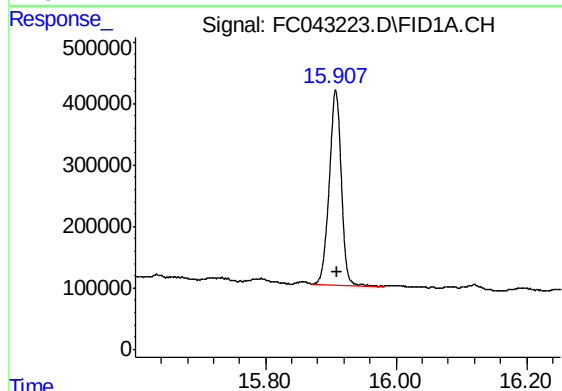
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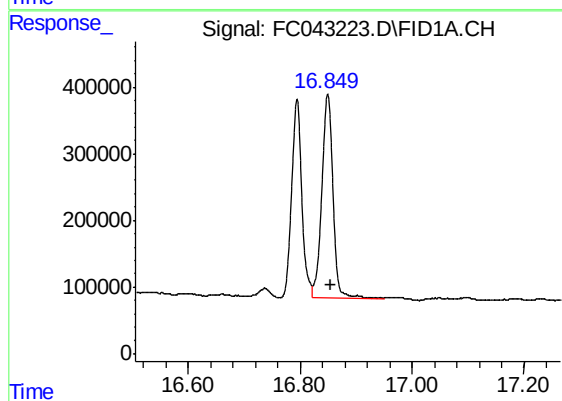
#14 n-Tetracosane (C24)

R.T.: 14.897 min
Delta R.T.: 0.002 min
Response: 8274069
Conc: 64.58 ug/ml



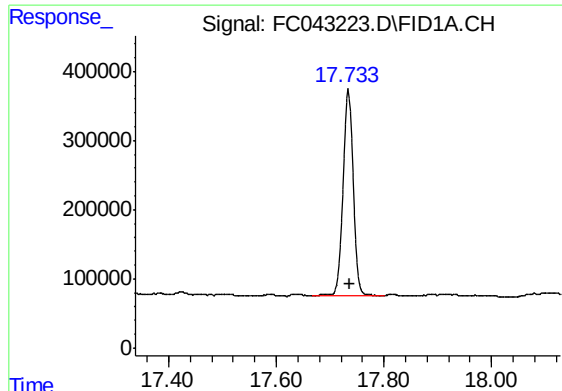
#15 n-Hexacosane (C26)

R.T.: 15.907 min
Delta R.T.: -0.002 min
Response: 4035936
Conc: 32.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.850 min
Delta R.T.: -0.005 min
Response: 4213138
Conc: 34.31 ug/ml



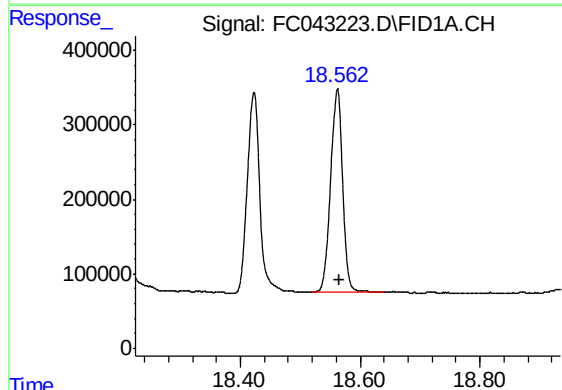
#17 n-Tricontane (C30)

R.T.: 17.733 min
Delta R.T.: -0.003 min
Response: 3941994
Conc: 32.68 ug/ml

Instrument :
FID_C
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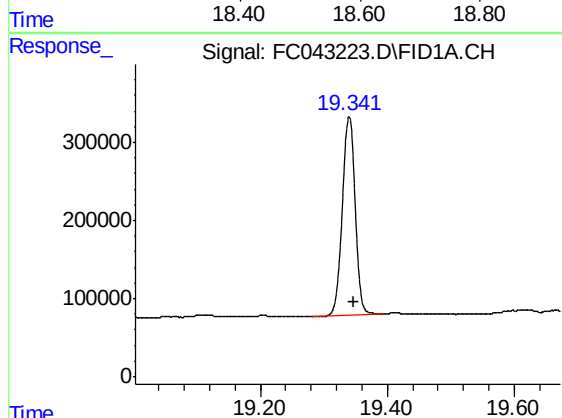
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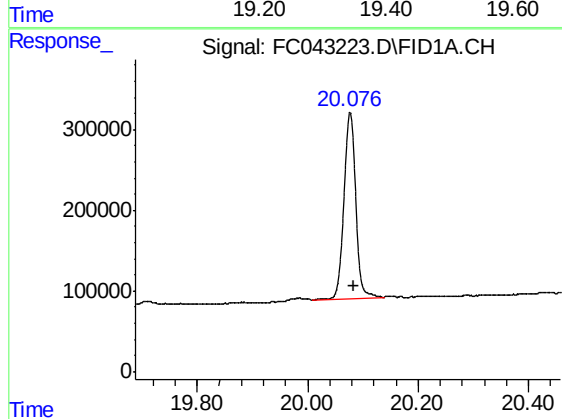
#18 n-Dotriacontane (C32)

R.T.: 18.562 min
Delta R.T.: -0.003 min
Response: 3821983
Conc: 33.51 ug/ml



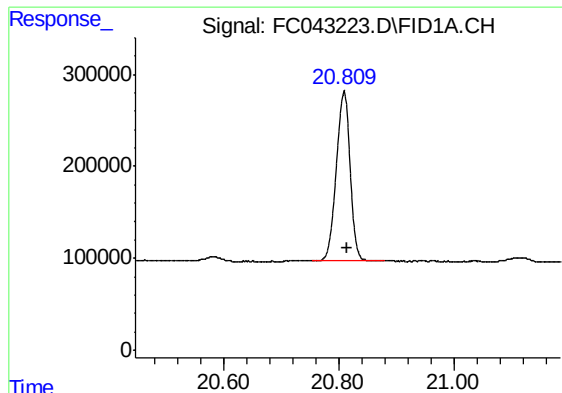
#19 n-Tetatriacontane (C34)

R.T.: 19.340 min
Delta R.T.: -0.006 min
Response: 3554597
Conc: 33.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.077 min
Delta R.T.: -0.007 min
Response: 3408863
Conc: 32.38 ug/ml



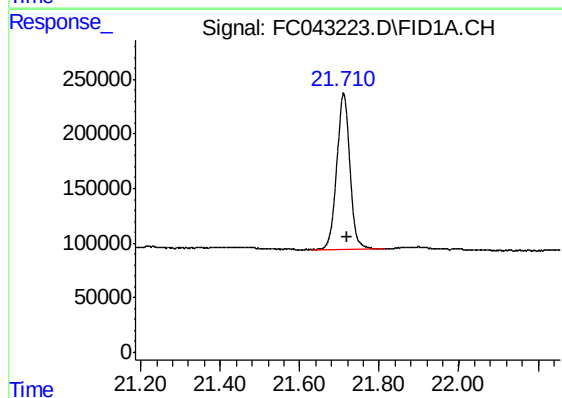
#21 n-Octatriacontane (C38)

R.T.: 20.809 min
Delta R.T.: -0.005 min
Response: 3088592
Conc: 33.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.711 min
Delta R.T.: -0.009 min
Response: 3276305
Conc: 33.91 ug/ml