

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031721AL\
 Data File : FC052460.D
 Signal(s) : FID1A.CH
 Acq On : 17 Mar 2021 2:35
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

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 3/17/2021 2:22:51 PM

Integration File: autoint1.e
 Quant Time: Mar 17 03:43:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 02:52:15 2021
 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)	11.568	669232	4.991 ug/ml
Spiked Amount 50.000		Recovery =	9.98%
12) S 1-chlorooctadecane (S...	13.006	537609	4.980 ug/ml
Spiked Amount 50.000		Recovery =	9.96%
Target Compounds			
1) T n-Nonane (C9)	3.330	580147	4.994 ug/ml
2) T n-Decane (C10)	4.396	580696	4.944 ug/ml
3) T A~Naphthalene (C11.7)	5.982	649201	4.948 ug/ml
4) T n-Dodecane (C12)	6.415	594384	4.938 ug/ml
5) T A~2-methylnaphthalene...	7.039	654643	4.864 ug/ml
6) T n-Tetradecane (C14)	8.211	602417	4.976 ug/ml
7) T n-Hexadecane (C16)	9.812	602122	5.008 ug/ml
8) T n-Octadecane (C18)	11.252	634342	5.035 ug/ml
10) T n-Eicosane (C20)	12.561	640433	5.019 ug/ml
11) T n-Heneicosane (C21)	13.173	639847	5.042 ug/ml
13) T n-Docosane (C22)	13.759	637926	5.045 ug/ml
14) T n-Tetracosane (C24)	14.860	629588	5.050 ug/ml
15) T n-Hexacosane (C26)	15.880	608337	5.065 ug/ml
16) T n-Octacosane (C28)	16.828	586551	5.110 ug/ml
17) T n-Tricontane (C30)	17.716	566559	5.253 ug/ml
18) T n-Dotriacontane (C32)	18.547	534464	5.415 ug/ml
19) T n-Tetratriacontane (C34)	19.329	471606	5.164 ug/ml
20) T n-Hexatriacontane (C36)	20.068	493097	5.520 ug/mlm
21) T n-Octatriacontane (C38)	20.799	415913	5.121 ug/ml
22) T n-Tetracontane (C40)	21.705	451207	5.301 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031721AL\
Data File : FC052460.D
Signal(s) : FID1A.CH
Acq On : 17 Mar 2021 2:35
Operator : DD\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 12 Sample Multiplier: 1

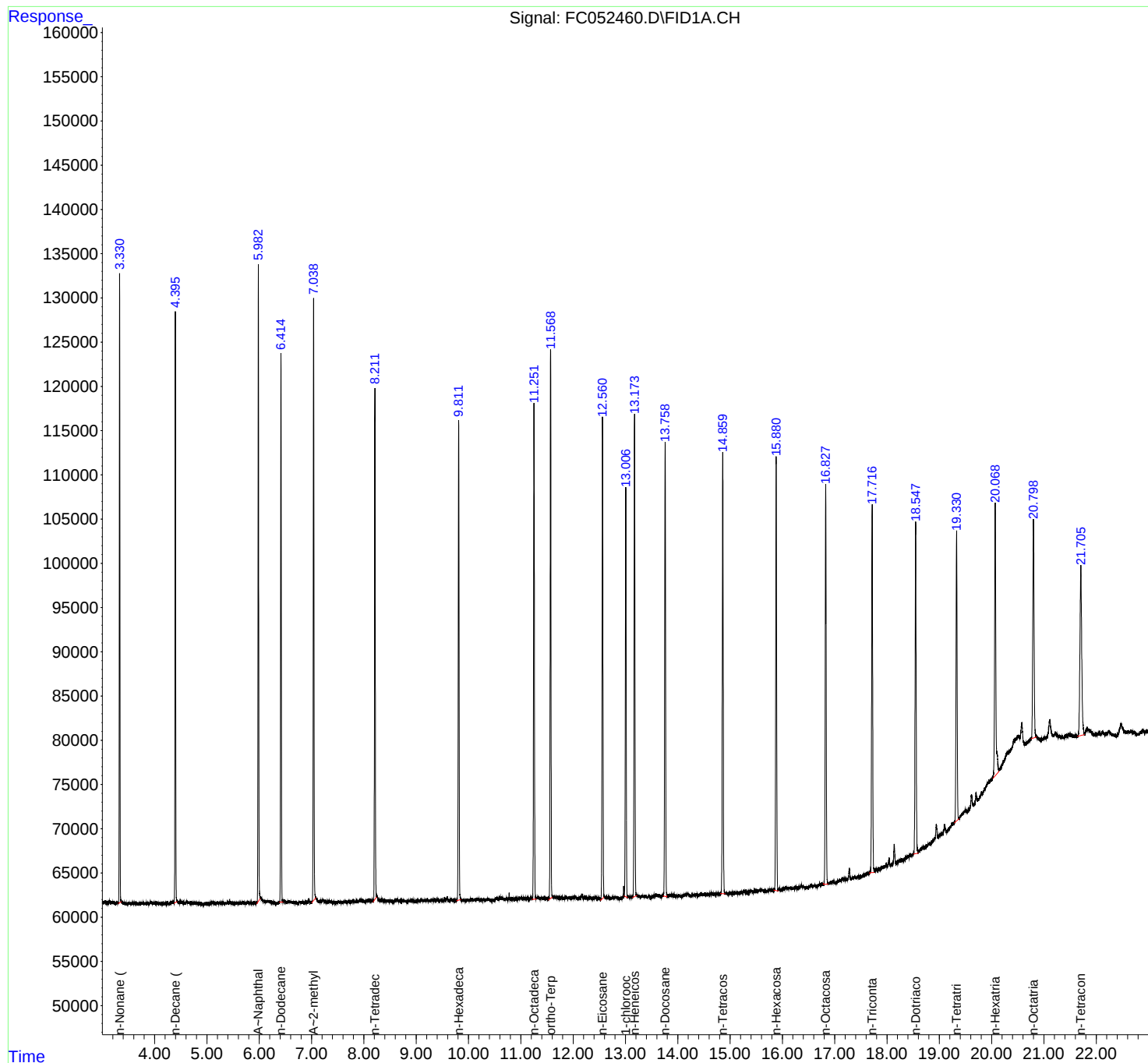
Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

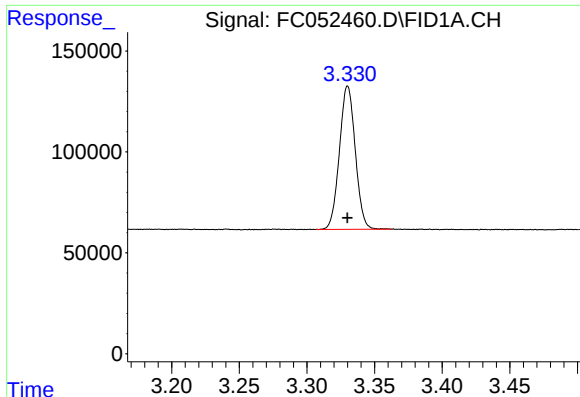
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Integration File: autoint1.e
Quant Time: Mar 17 03:43:56 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 031721.M
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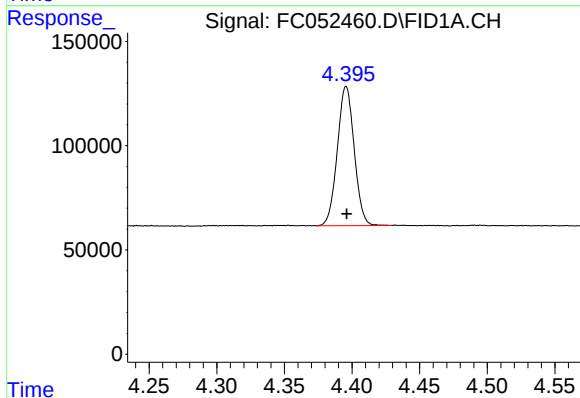
#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: 0.000 min
Response: 580147
Conc: 4.99 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

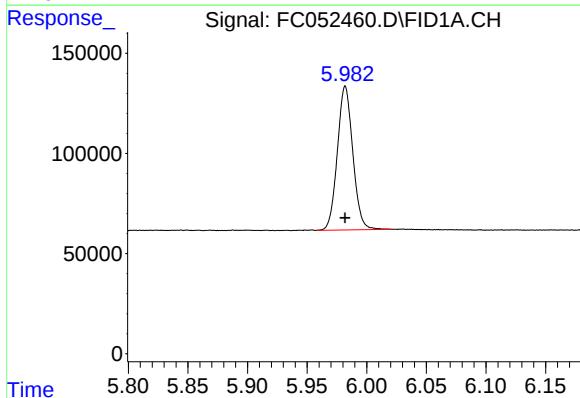
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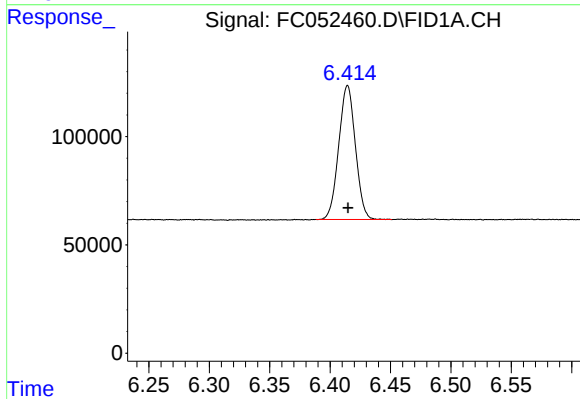
#2 n-Decane (C10)

R.T.: 4.396 min
Delta R.T.: 0.000 min
Response: 580696
Conc: 4.94 ug/ml



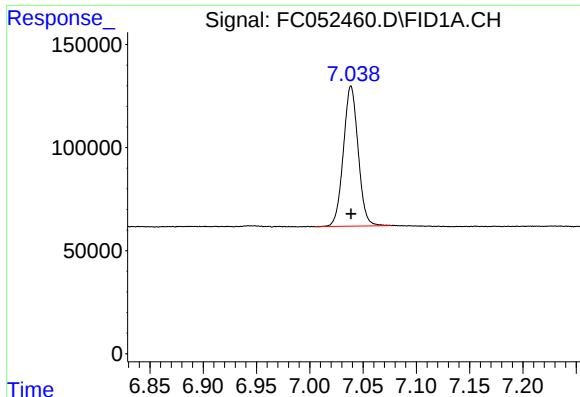
#3 A~Naphthalene (C11.7)

R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 649201
Conc: 4.95 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 594384
Conc: 4.94 ug/ml



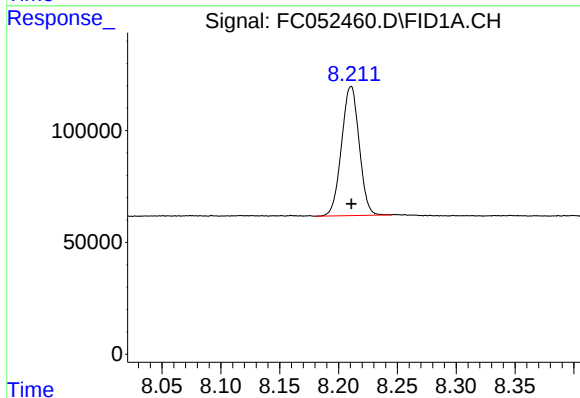
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 654643
Conc: 4.86 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

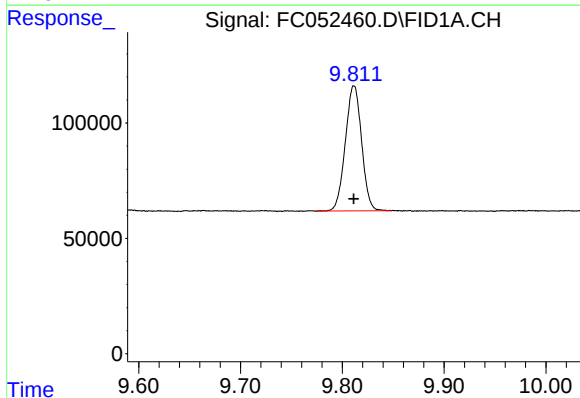
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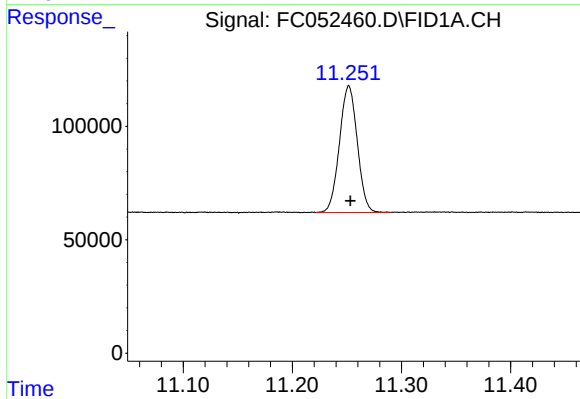
#6 n-Tetradecane (C14)

R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 602417
Conc: 4.98 ug/ml



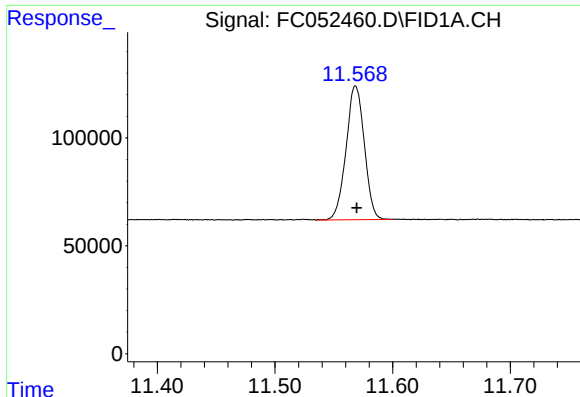
#7 n-Hexadecane (C16)

R.T.: 9.812 min
Delta R.T.: 0.000 min
Response: 602122
Conc: 5.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.252 min
Delta R.T.: -0.001 min
Response: 634342
Conc: 5.03 ug/ml



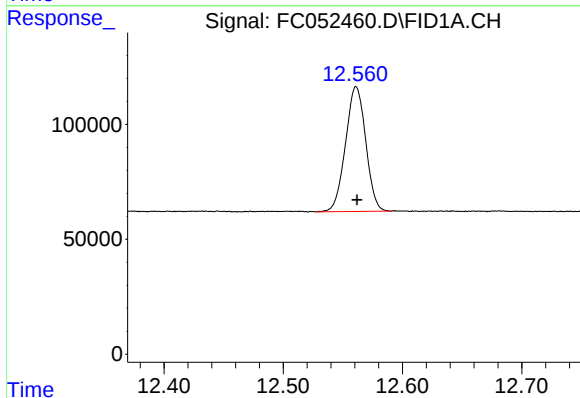
#9 ortho-Terphenyl (SURR)

R.T.: 11.568 min
Delta R.T.: 0.000 min
Response: 669232
Conc: 4.99 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

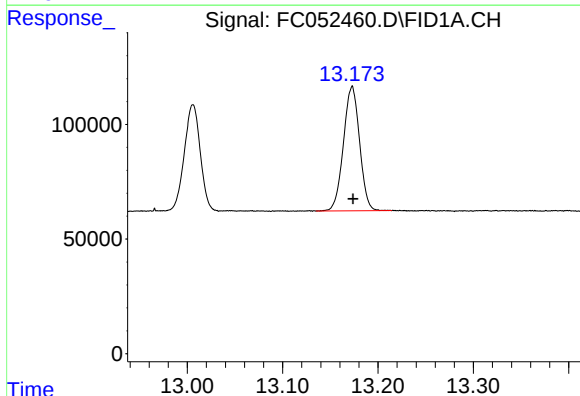
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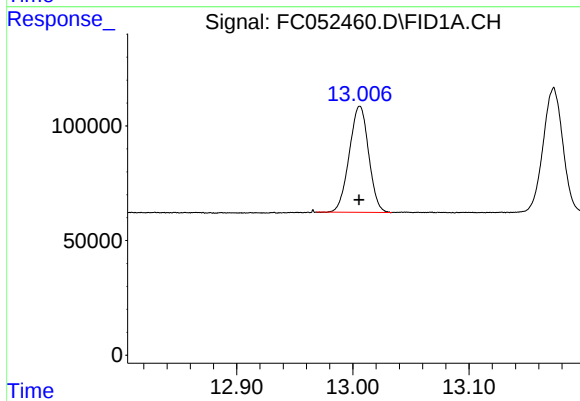
#10 n-Eicosane (C20)

R.T.: 12.561 min
Delta R.T.: 0.000 min
Response: 640433
Conc: 5.02 ug/ml



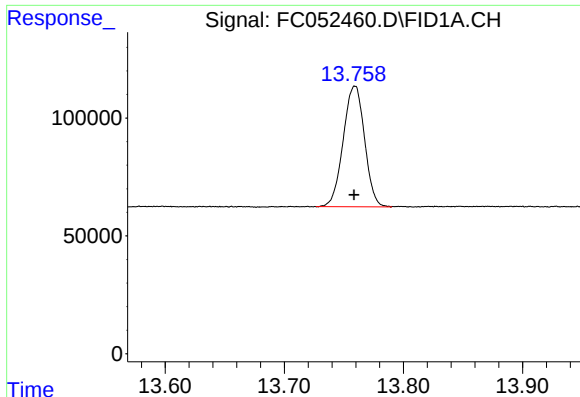
#11 n-Heneicosane (C21)

R.T.: 13.173 min
Delta R.T.: 0.000 min
Response: 639847
Conc: 5.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.006 min
Delta R.T.: 0.000 min
Response: 537609
Conc: 4.98 ug/ml



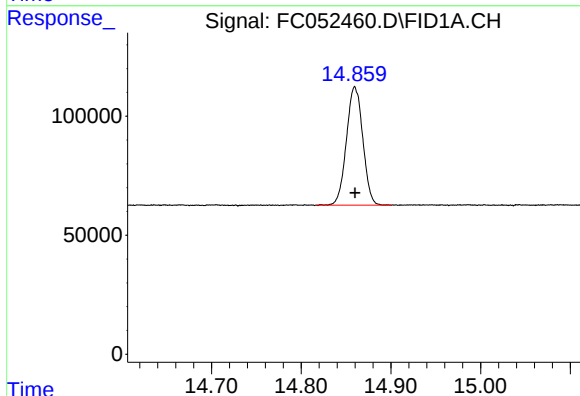
#13 n-Docosane (C22)

R.T.: 13.759 min
Delta R.T.: 0.000 min
Response: 637926
Conc: 5.04 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

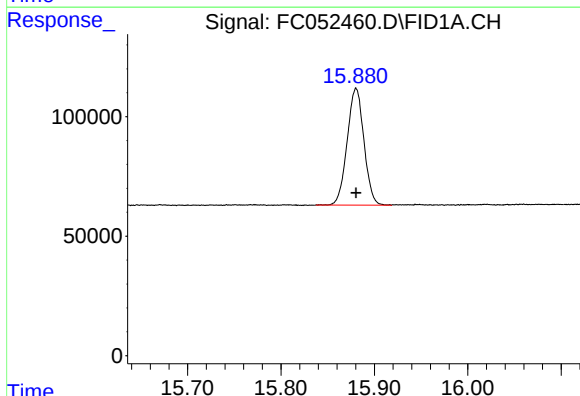
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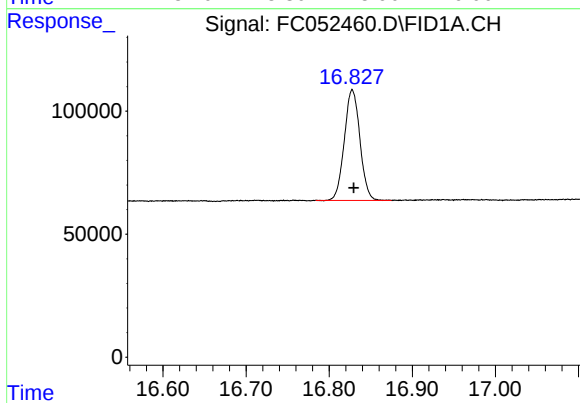
#14 n-Tetracosane (C24)

R.T.: 14.860 min
Delta R.T.: 0.000 min
Response: 629588
Conc: 5.05 ug/ml



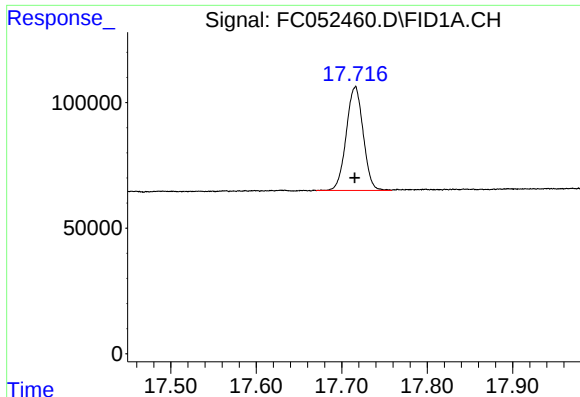
#15 n-Hexacosane (C26)

R.T.: 15.880 min
Delta R.T.: 0.000 min
Response: 608337
Conc: 5.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.828 min
Delta R.T.: -0.002 min
Response: 586551
Conc: 5.11 ug/ml



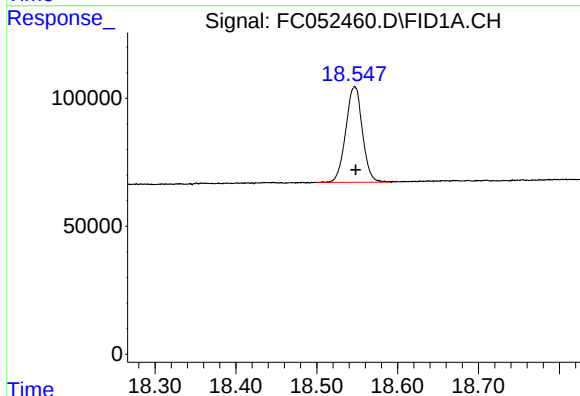
#17 n-Tricontane (C30)

R.T.: 17.716 min
Delta R.T.: 0.000 min
Response: 566559
Conc: 5.25 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

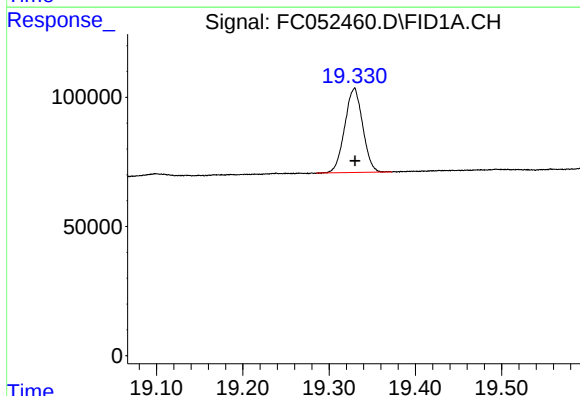
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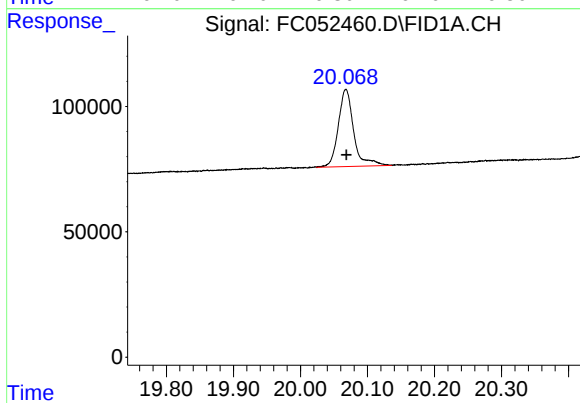
#18 n-Dotriacontane (C32)

R.T.: 18.547 min
Delta R.T.: -0.001 min
Response: 534464
Conc: 5.42 ug/ml



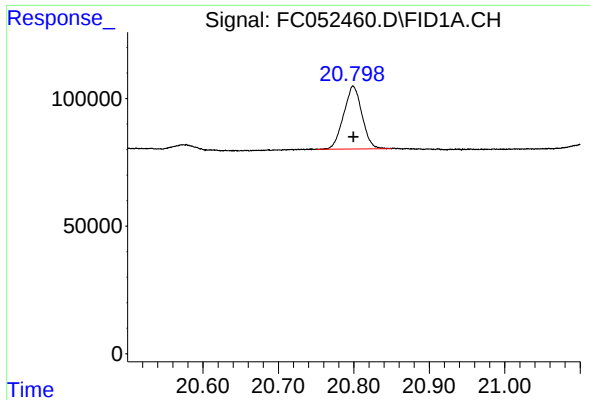
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min
Delta R.T.: 0.000 min
Response: 471606
Conc: 5.16 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.068 min
Delta R.T.: -0.001 min
Response: 493097
Conc: 5.52 ug/ml m



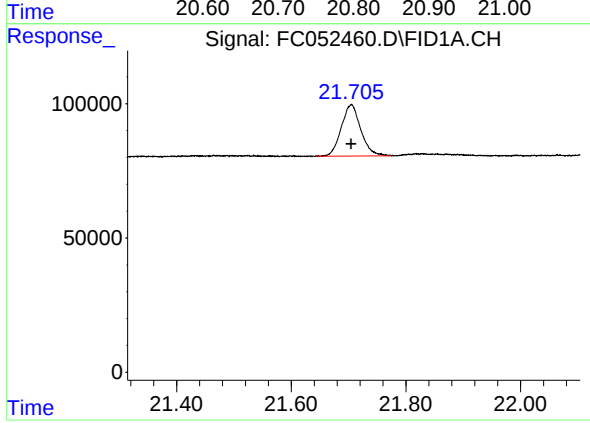
#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: 0.000 min
Response: 415913
Conc: 5.12 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

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#22 n-Tetracontane (C40)

R.T.: 21.705 min
Delta R.T.: 0.000 min
Response: 451207
Conc: 5.30 ug/ml