

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021521AL\
 Data File : FC052029.D
 Signal(s) : FID1A.CH
 Acq On : 15 Feb 2021 20:29
 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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 2/16/2021 9:52:05 AM

Integration File: autoint1.e
 Quant Time: Feb 16 09:24:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 08:47:53 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)	11.693	576939	4.664 ug/ml
Spiked Amount 50.000		Recovery =	9.33%
12) S 1-chlorooctadecane (S...	13.124	466352	4.665 ug/ml
Spiked Amount 50.000		Recovery =	9.33%
Target Compounds			
1) T n-Nonane (C9)	3.445	503297	4.678 ug/ml
2) T n-Decane (C10)	4.515	506883	4.667 ug/ml
3) T A~Naphthalene (C11.7)	6.108	567270	4.656 ug/ml
4) T n-Dodecane (C12)	6.534	513370	4.658 ug/ml
5) T A~2-methylnaphthalene...	7.164	576737	4.639 ug/ml
6) T n-Tetradecane (C14)	8.328	513667	4.636 ug/ml
7) T n-Hexadecane (C16)	9.929	512047	4.651 ug/ml
8) T n-Octadecane (C18)	11.370	536663	4.656 ug/ml
10) T n-Eicosane (C20)	12.678	545812	4.662 ug/ml
11) T n-Heneicosane (C21)	13.290	547480	4.662 ug/ml
13) T n-Docosane (C22)	13.876	551628	4.675 ug/ml
14) T n-Tetracosane (C24)	14.979	560558	4.708 ug/ml
15) T n-Hexacosane (C26)	15.999	562780	4.740 ug/ml
16) T n-Octacosane (C28)	16.948	572765	4.799 ug/ml
17) T n-Tricontane (C30)	17.836	593617	4.973 ug/ml
18) T n-Dotriacontane (C32)	18.667	609078	5.164 ug/ml
19) T n-Tetratriacontane (C34)	19.450	602464	5.153 ug/ml
20) T n-Hexatriacontane (C36)	20.188	598040	5.344 ug/mlm
21) T n-Octatriacontane (C38)	20.946	520240	4.947 ug/ml
22) T n-Tetracontane (C40)	21.893	548069	5.246 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021521AL\
Data File : FC052029.D
Signal(s) : FID1A.CH
Acq On : 15 Feb 2021 20:29
Operator : DD\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 12 Sample Multiplier: 1

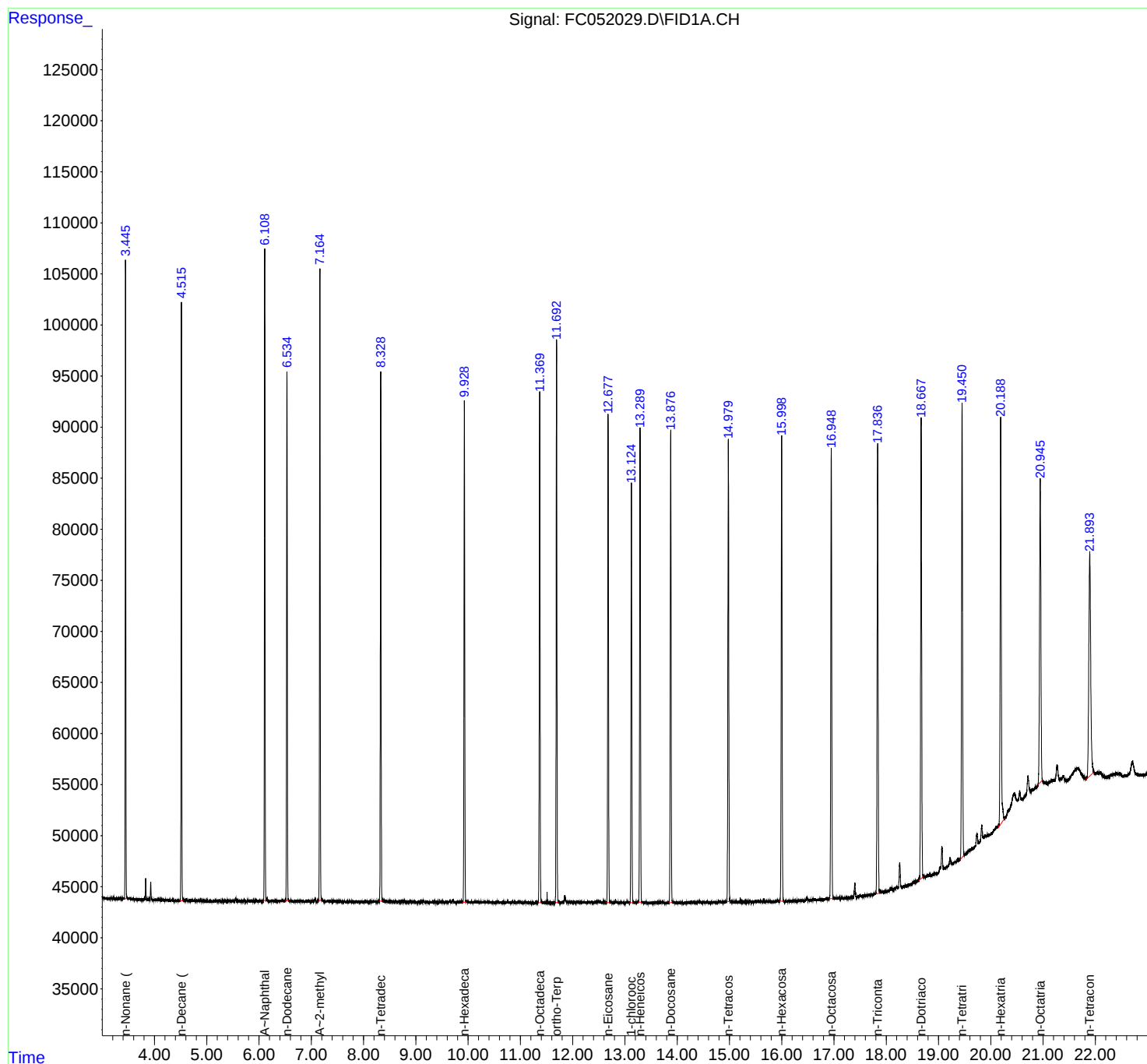
Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

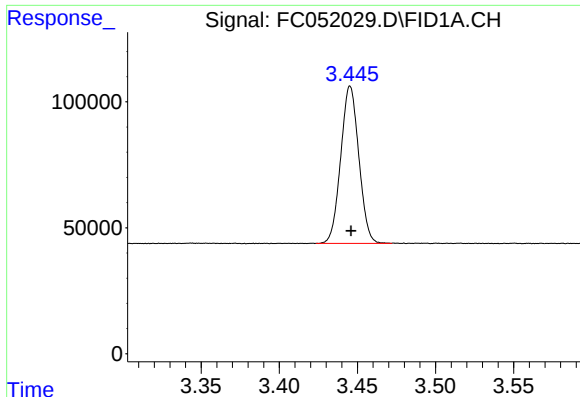
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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021521.M
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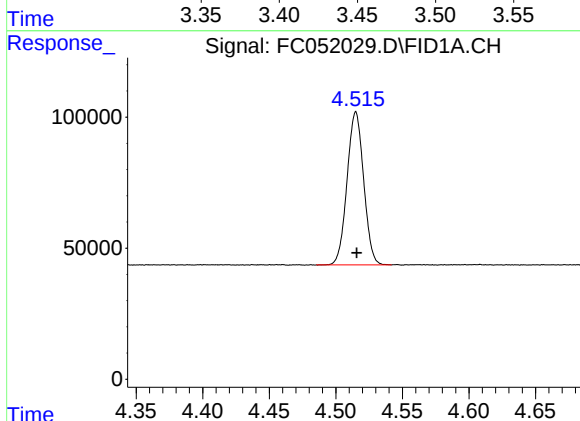
#1 n-Nonane (C9)

R.T.: 3.445 min
Delta R.T.: 0.000 min
Response: 503297
Conc: 4.68 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

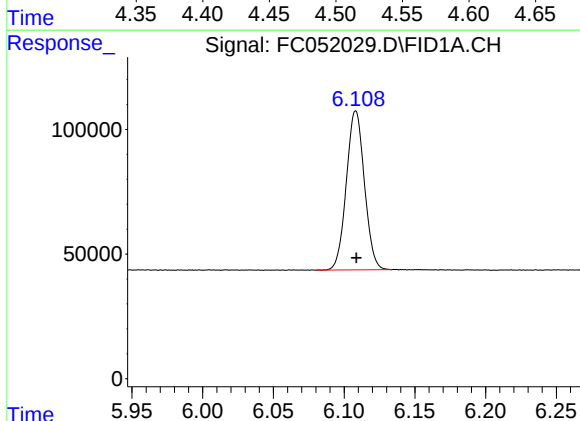
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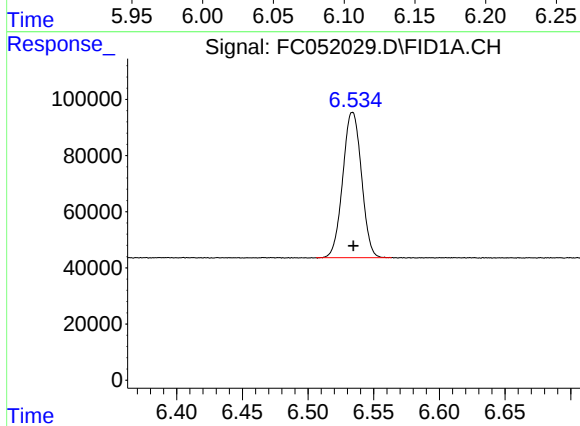
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 506883
Conc: 4.67 ug/ml



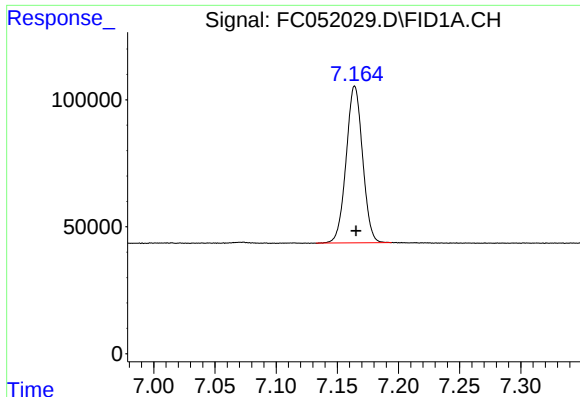
#3 A~Naphthalene (C11.7)

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 567270
Conc: 4.66 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 513370
Conc: 4.66 ug/ml



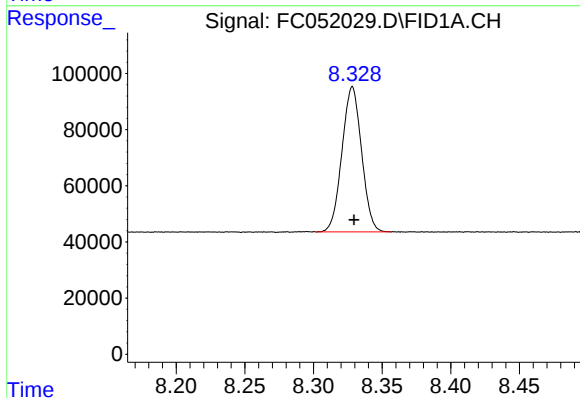
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.164 min
Delta R.T.: 0.000 min
Response: 576737
Conc: 4.64 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

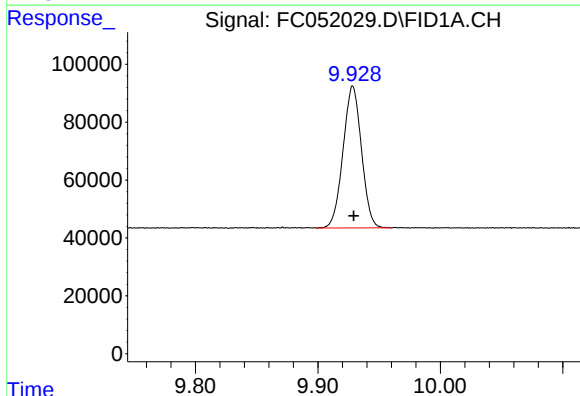
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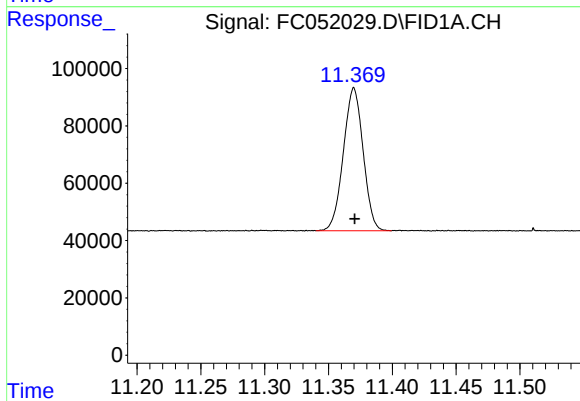
#6 n-Tetradecane (C14)

R.T.: 8.328 min
Delta R.T.: -0.001 min
Response: 513667
Conc: 4.64 ug/ml



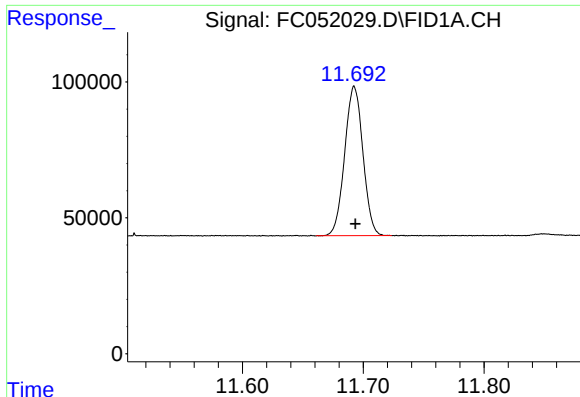
#7 n-Hexadecane (C16)

R.T.: 9.929 min
Delta R.T.: 0.000 min
Response: 512047
Conc: 4.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.370 min
Delta R.T.: 0.000 min
Response: 536663
Conc: 4.66 ug/ml



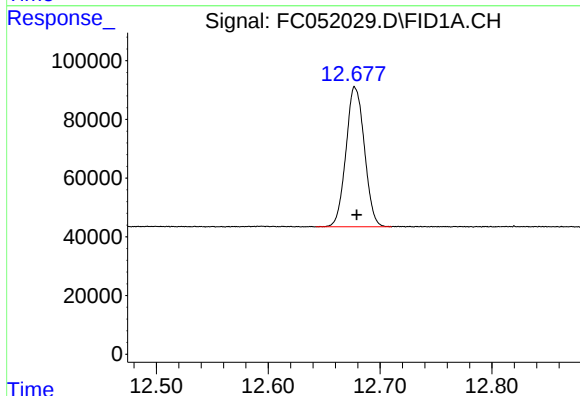
#9 ortho-Terphenyl (SURR)

R.T.: 11.693 min
Delta R.T.: 0.000 min
Response: 576939
Conc: 4.66 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

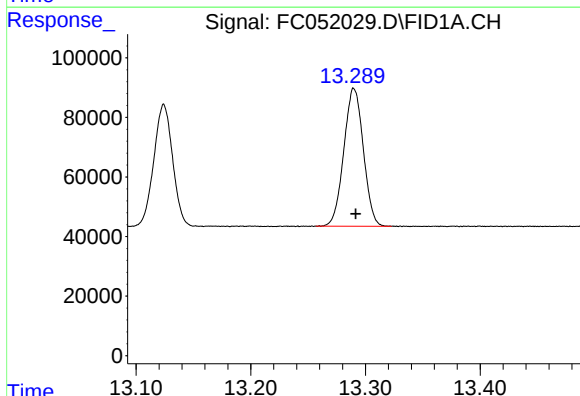
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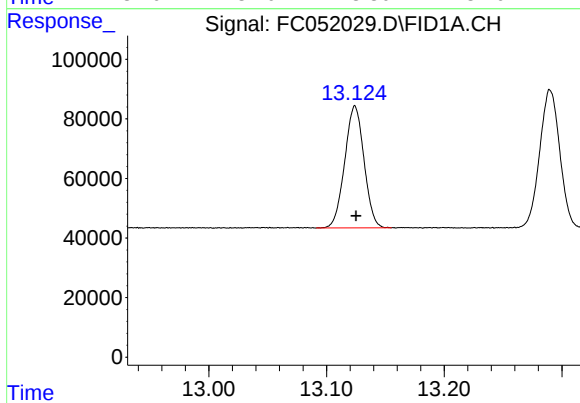
#10 n-Eicosane (C20)

R.T.: 12.678 min
Delta R.T.: -0.002 min
Response: 545812
Conc: 4.66 ug/ml



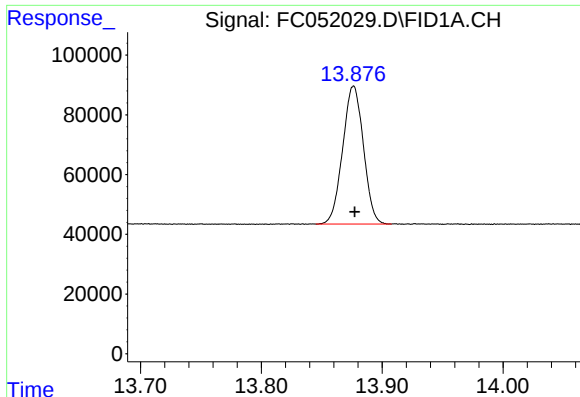
#11 n-Heneicosane (C21)

R.T.: 13.290 min
Delta R.T.: -0.001 min
Response: 547480
Conc: 4.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.124 min
Delta R.T.: 0.000 min
Response: 466352
Conc: 4.67 ug/ml



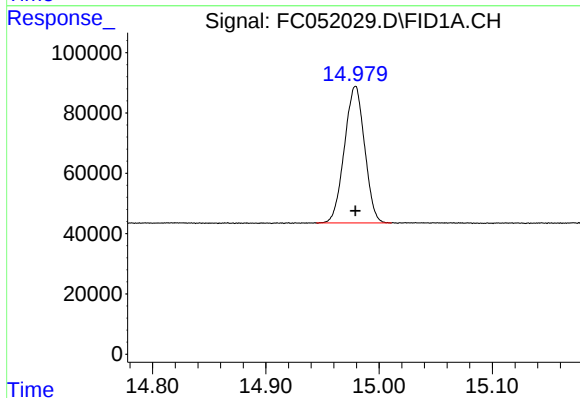
#13 n-Docosane (C22)

R.T.: 13.876 min
Delta R.T.: -0.001 min
Response: 551628
Conc: 4.67 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

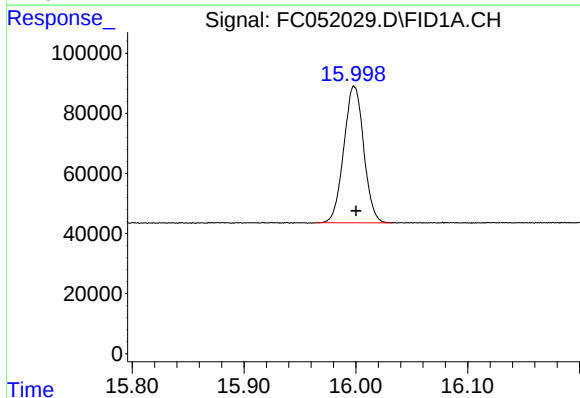
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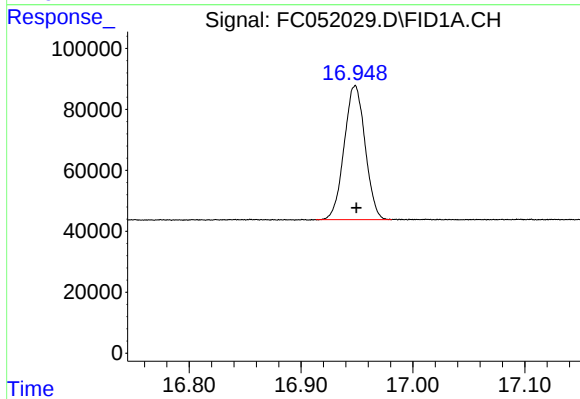
#14 n-Tetracosane (C24)

R.T.: 14.979 min
Delta R.T.: 0.000 min
Response: 560558
Conc: 4.71 ug/ml



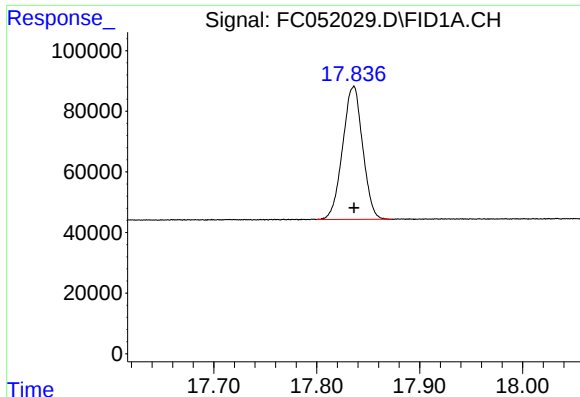
#15 n-Hexacosane (C26)

R.T.: 15.999 min
Delta R.T.: -0.002 min
Response: 562780
Conc: 4.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.948 min
Delta R.T.: -0.001 min
Response: 572765
Conc: 4.80 ug/ml



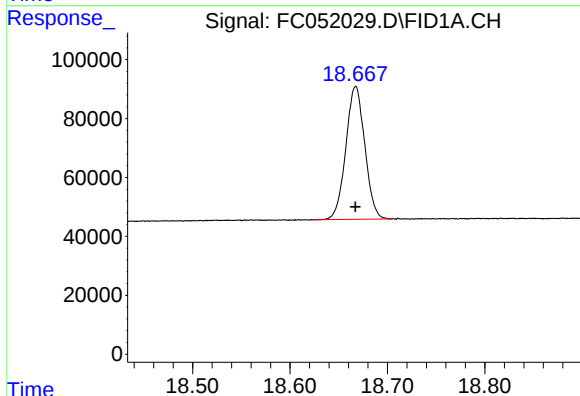
#17 n-Tricontane (C30)

R.T.: 17.836 min
Delta R.T.: 0.000 min
Response: 593617
Conc: 4.97 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5

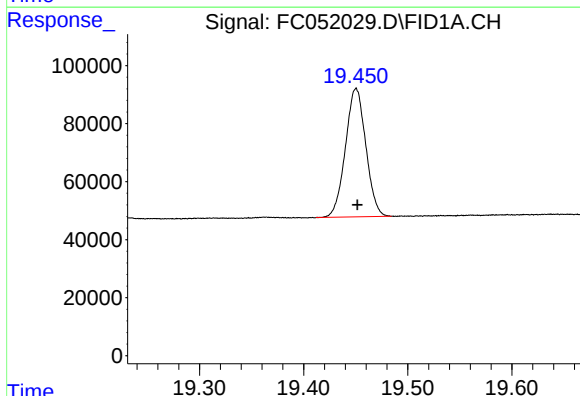
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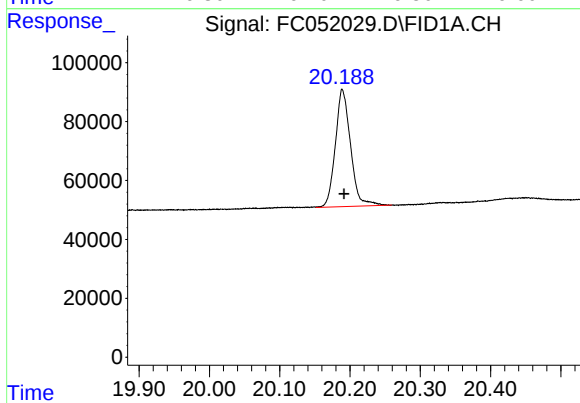
#18 n-Dotriacontane (C32)

R.T.: 18.667 min
Delta R.T.: 0.000 min
Response: 609078
Conc: 5.16 ug/ml



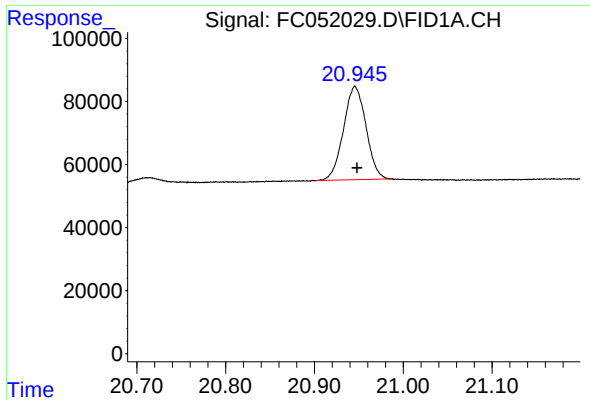
#19 n-Tetratriacontane (C34)

R.T.: 19.450 min
Delta R.T.: -0.001 min
Response: 602464
Conc: 5.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.188 min
Delta R.T.: -0.003 min
Response: 598040
Conc: 5.34 ug/ml m



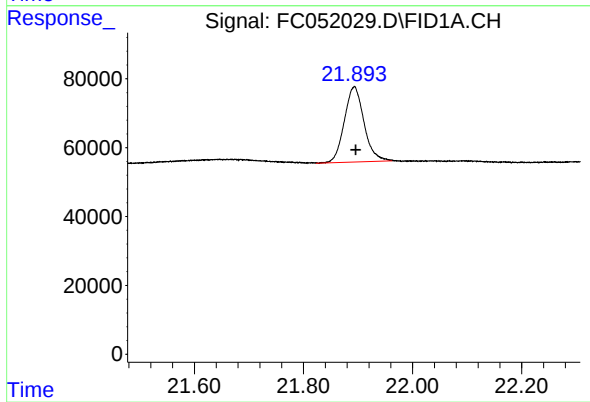
#21 n-Octatriacontane (C38)

R.T.: 20.946 min
Delta R.T.: -0.002 min
Response: 520240
Conc: 4.95 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5

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#22 n-Tetracontane (C40)

R.T.: 21.893 min
Delta R.T.: -0.003 min
Response: 548069
Conc: 5.25 ug/ml m