

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041221AL\
 Data File : FC053105.D
 Signal(s) : FID1A.CH
 Acq On : 13 Apr 2021 4:40
 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

Manual Integrations
 APPROVED

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 4/13/2021 11:34:05 AM

Integration File: sample.E
 Quant Time: Apr 13 05:28:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 040821.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 09 09:23:51 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)	11.554	2638565	18.264 ug/ml
Spiked Amount 50.000		Recovery =	36.53%
12) S 1-chlorooctadecane (S...	12.993	2090196	18.090 ug/ml
Spiked Amount 50.000		Recovery =	36.18%
Target Compounds			
1) T n-Nonane (C9)	3.311	2428924	19.407 ug/ml
2) T n-Decane (C10)	4.376	2460267	19.543 ug/ml
3) T A~Naphthalene (C11.7)	5.962	2714245	19.485 ug/ml
4) T n-Dodecane (C12)	6.396	2533478	19.781 ug/ml
5) T A~2-methylnaphthalene...	7.019	2766047	19.568 ug/ml
6) T n-Tetradecane (C14)	8.194	2531560	19.675 ug/ml
7) T n-Hexadecane (C16)	9.795	2477578	19.378 ug/ml
8) T n-Octadecane (C18)	11.238	2542074	18.797 ug/ml
10) T n-Eicosane (C20)	12.548	2500873	18.207 ug/ml
11) T n-Heneicosane (C21)	13.161	2461607	17.915 ug/ml
13) T n-Docosane (C22)	13.747	2414205	17.515 ug/ml
14) T n-Tetracosane (C24)	14.850	2325814	16.869 ug/ml
15) T n-Hexacosane (C26)	15.872	2220894	16.378 ug/ml
16) T n-Octacosane (C28)	16.821	2114999	15.867 ug/ml
17) T n-Tricontane (C30)	17.708	2022745	15.761 ug/ml
18) T n-Dotriacontane (C32)	18.540	1945908	16.288 ug/ml
19) T n-Tetratriacontane (C34)	19.324	1873643	16.918 ug/ml
20) T n-Hexatriacontane (C36)	20.063	1808033	17.917 ug/ml
21) T n-Octatriacontane (C38)	20.794	1782530	20.008 ug/ml
22) T n-Tetracontane (C40)	21.696	1875921	23.433 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041221AL\
Data File : FC053105.D
Signal(s) : FID1A.CH
Acq On : 13 Apr 2021 4:40
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

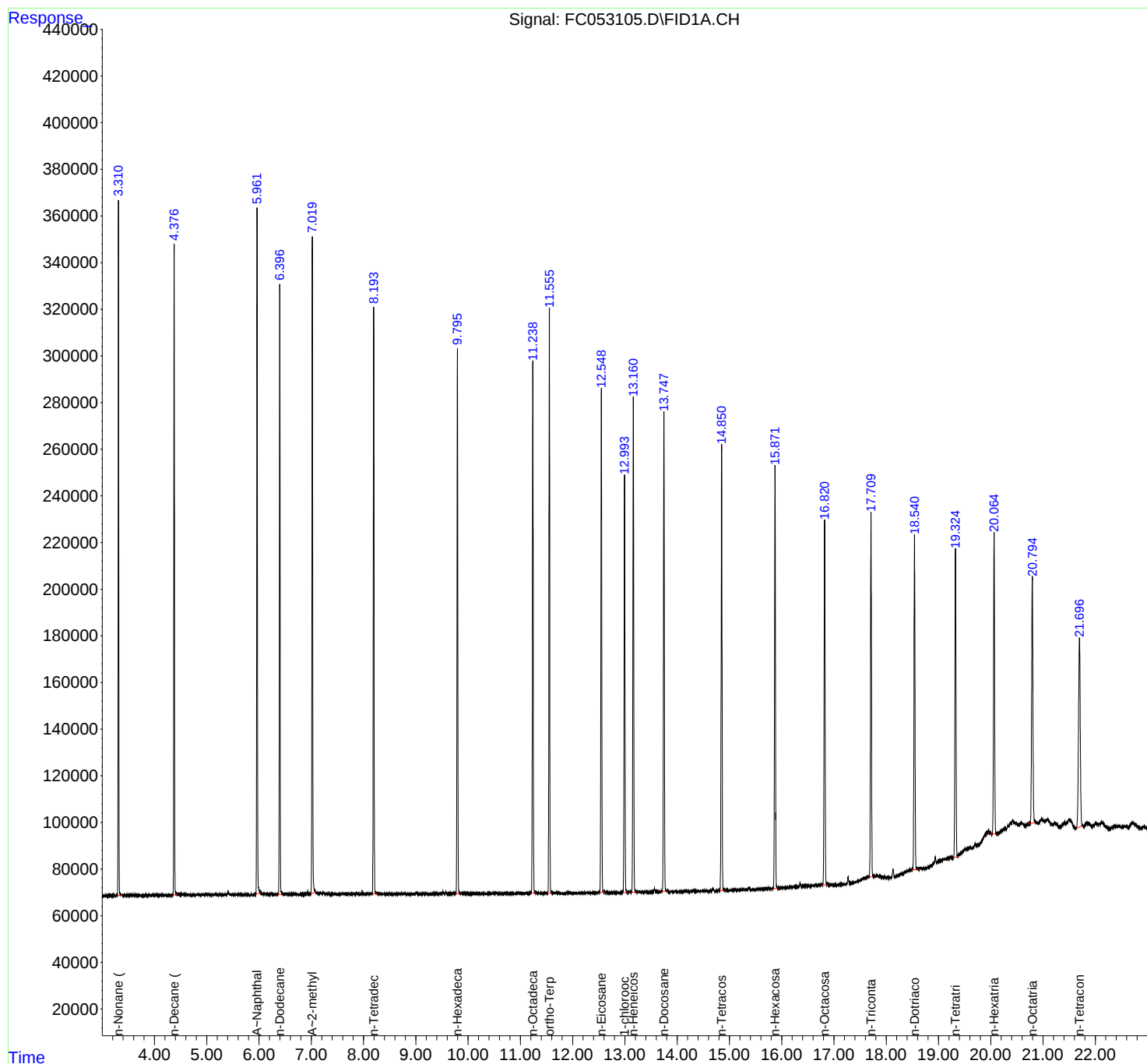
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

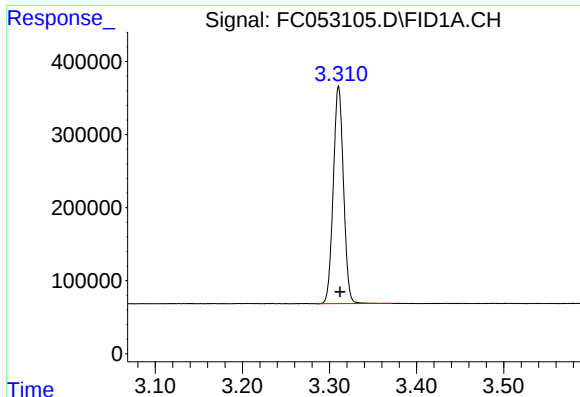
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Integration File: sample.E
Quant Time: Apr 13 05:28:34 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040821.M
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Signal Phase : Rxi-1ms
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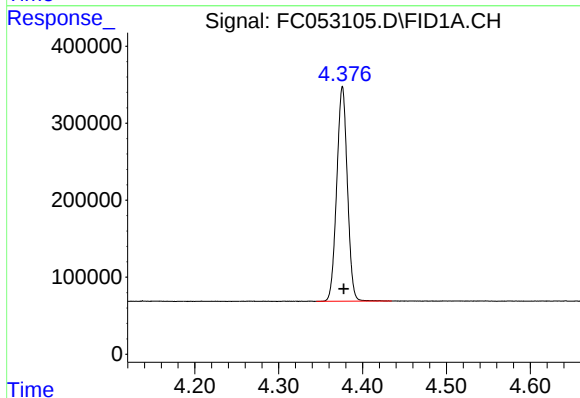
#1 n-Nonane (C9)

R.T.: 3.311 min
Delta R.T.: -0.001 min
Response: 2428924
Conc: 19.41 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

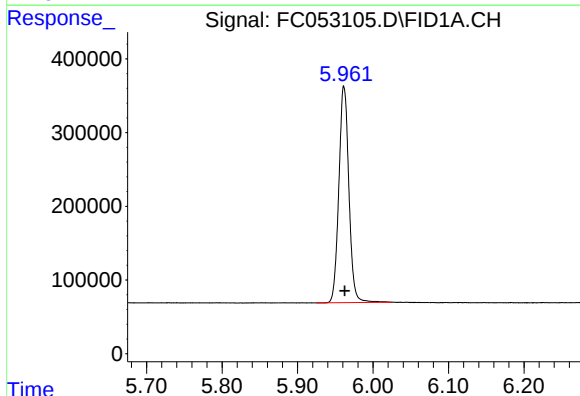
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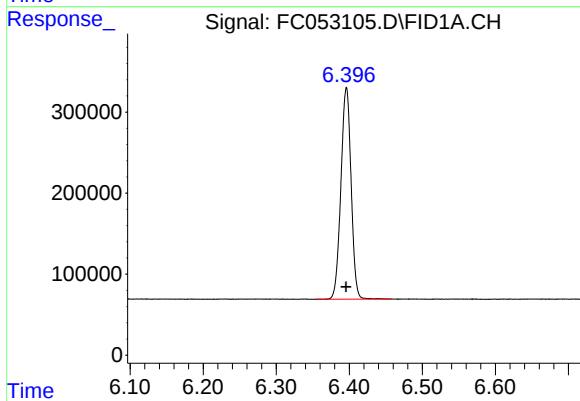
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: -0.002 min
Response: 2460267
Conc: 19.54 ug/ml



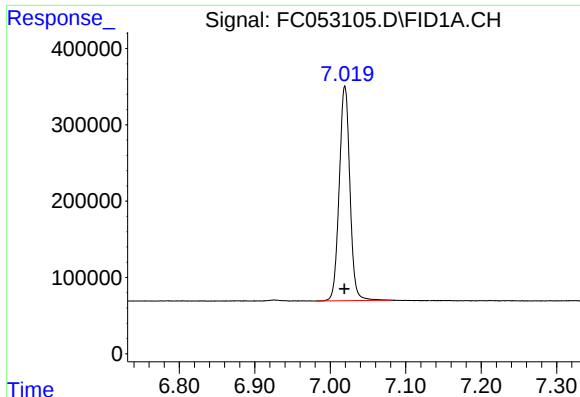
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 2714245
Conc: 19.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 2533478
Conc: 19.78 ug/ml



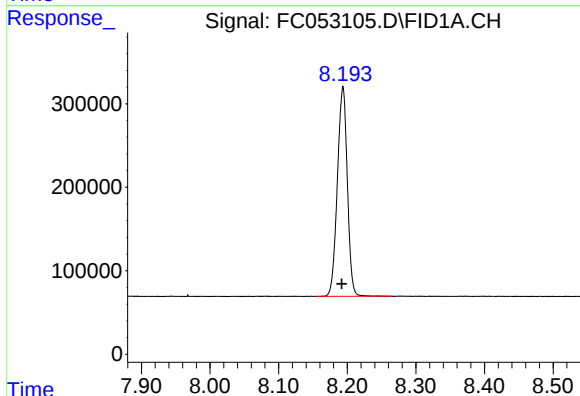
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 2766047
Conc: 19.57 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

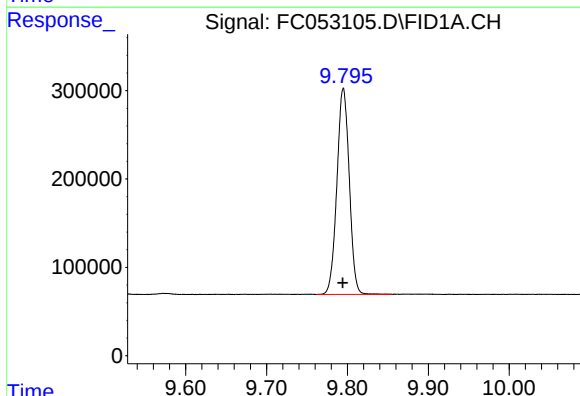
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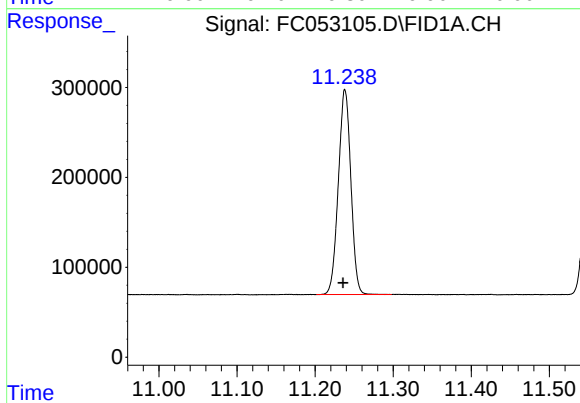
#6 n-Tetradecane (C14)

R.T.: 8.194 min
Delta R.T.: 0.001 min
Response: 2531560
Conc: 19.68 ug/ml



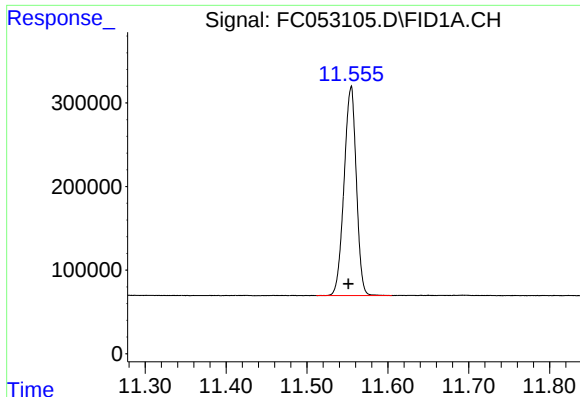
#7 n-Hexadecane (C16)

R.T.: 9.795 min
Delta R.T.: 0.000 min
Response: 2477578
Conc: 19.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.238 min
Delta R.T.: 0.002 min
Response: 2542074
Conc: 18.80 ug/ml



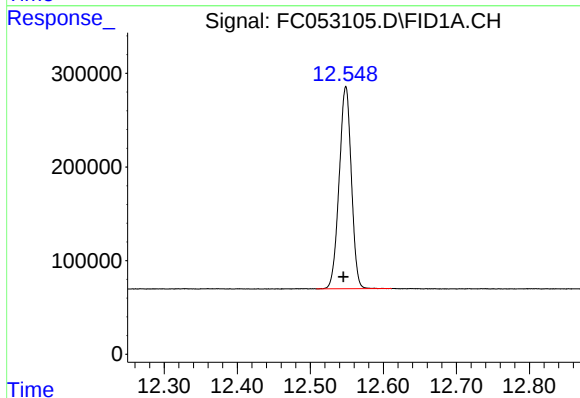
#9 ortho-Terphenyl (SURR)

R.T.: 11.554 min
Delta R.T.: 0.003 min
Response: 2638565
Conc: 18.26 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

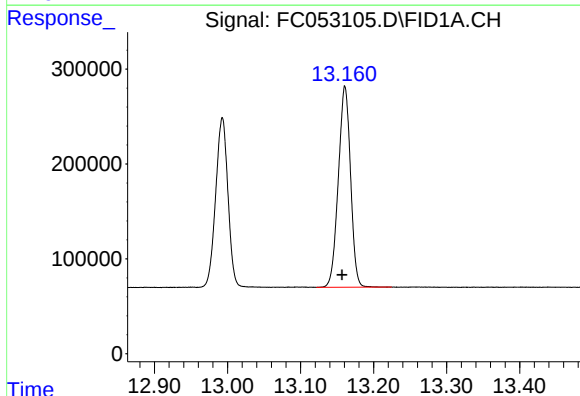
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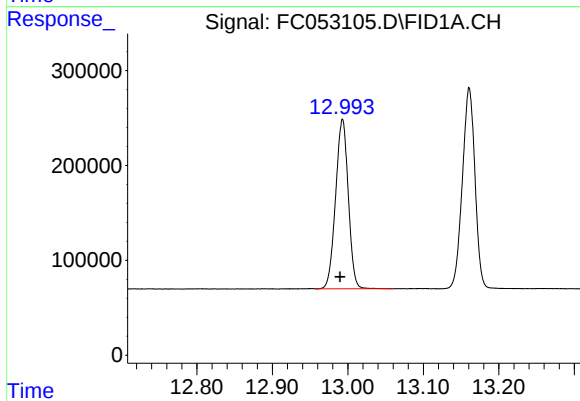
#10 n-Eicosane (C20)

R.T.: 12.548 min
Delta R.T.: 0.003 min
Response: 2500873
Conc: 18.21 ug/ml



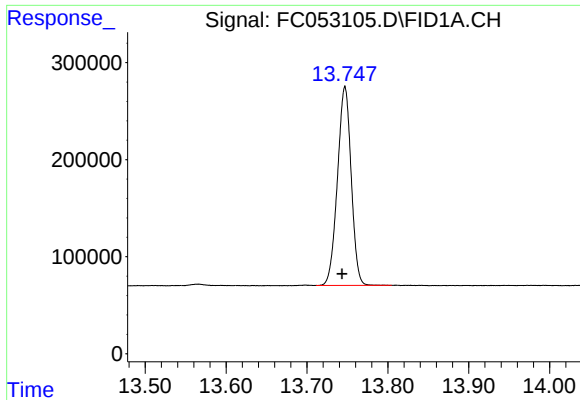
#11 n-Heneicosane (C21)

R.T.: 13.161 min
Delta R.T.: 0.004 min
Response: 2461607
Conc: 17.92 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.993 min
Delta R.T.: 0.003 min
Response: 2090196
Conc: 18.09 ug/ml



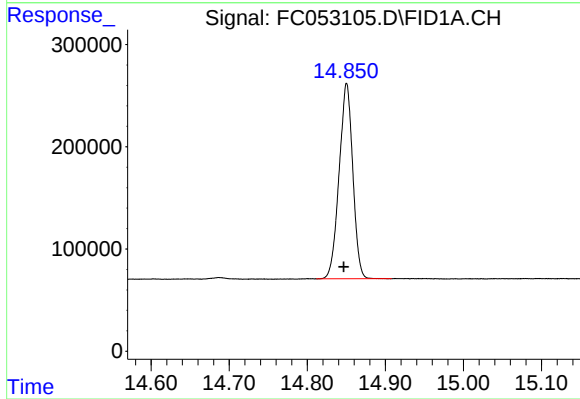
#13 n-Docosane (C22)

R.T.: 13.747 min
Delta R.T.: 0.003 min
Response: 2414205
Conc: 17.51 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

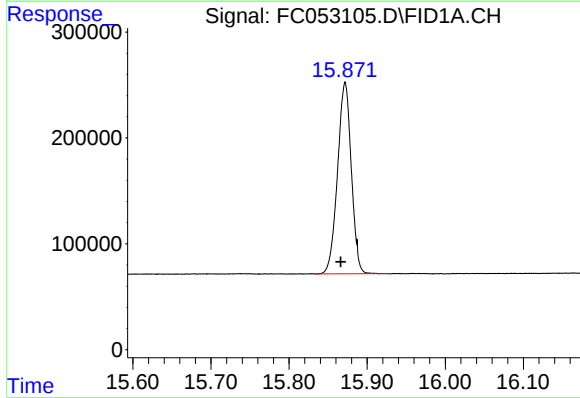
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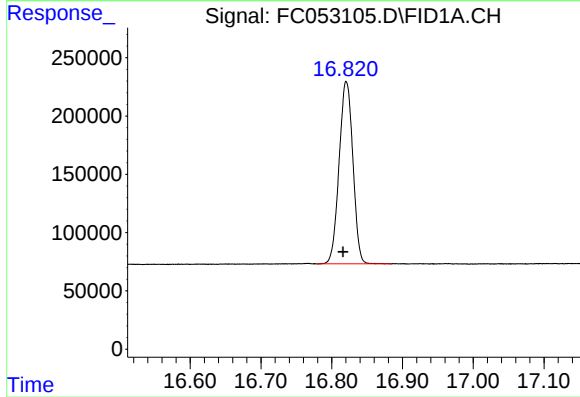
#14 n-Tetracosane (C24)

R.T.: 14.850 min
Delta R.T.: 0.004 min
Response: 2325814
Conc: 16.87 ug/ml



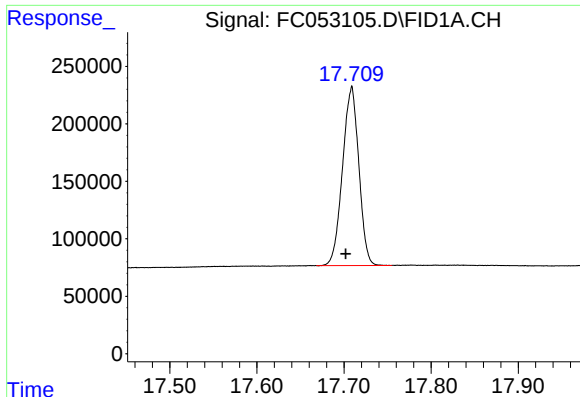
#15 n-Hexacosane (C26)

R.T.: 15.872 min
Delta R.T.: 0.005 min
Response: 2220894
Conc: 16.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.821 min
Delta R.T.: 0.005 min
Response: 2114999
Conc: 15.87 ug/ml



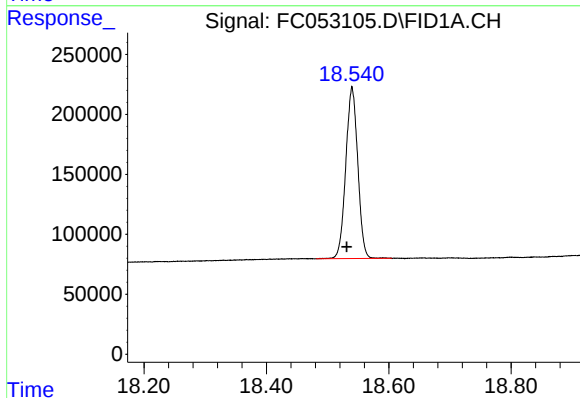
#17 n-Tricontane (C30)

R.T.: 17.708 min
Delta R.T.: 0.006 min
Response: 2022745
Conc: 15.76 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

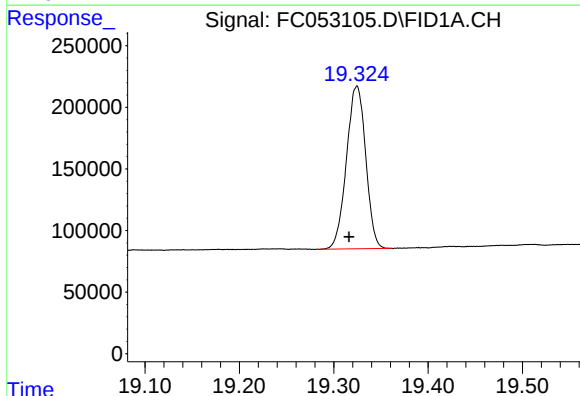
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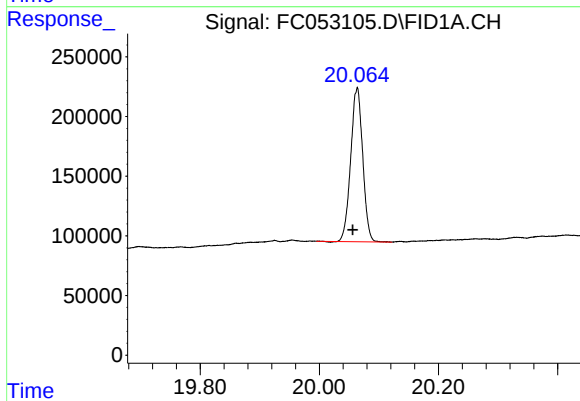
#18 n-Dotriacontane (C32)

R.T.: 18.540 min
Delta R.T.: 0.009 min
Response: 1945908
Conc: 16.29 ug/ml



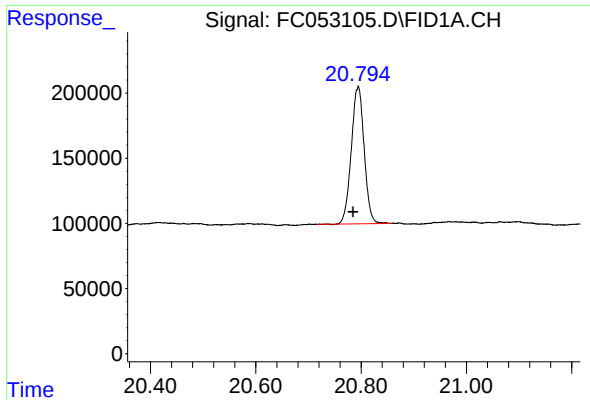
#19 n-Tetratriacontane (C34)

R.T.: 19.324 min
Delta R.T.: 0.008 min
Response: 1873643
Conc: 16.92 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.063 min
Delta R.T.: 0.007 min
Response: 1808033
Conc: 17.92 ug/ml



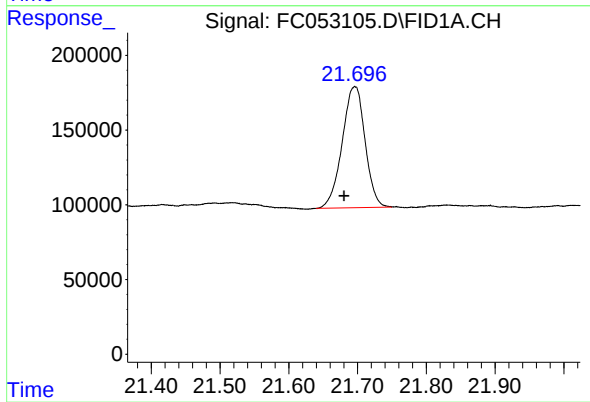
#21 n-Octatriacontane (C38)

R.T.: 20.794 min
Delta R.T.: 0.009 min
Response: 1782530
Conc: 20.01 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

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#22 n-Tetracontane (C40)

R.T.: 21.696 min
Delta R.T.: 0.015 min
Response: 1875921
Conc: 23.43 ug/ml m