

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042621AL\
 Data File : FC053421.D
 Signal(s) : FID1A.CH
 Acq On : 27 Apr 2021 6:08
 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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 4/27/2021 1:58:56 PM

Integration File: autoint1.e
 Quant Time: Apr 27 06:32:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042021.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 21 11:02:12 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)	11.550	2460426	17.778 ug/ml
Spiked Amount 50.000		Recovery =	35.56%
12) S 1-chlorooctadecane (S...	12.991	1859077	17.177 ug/ml
Spiked Amount 50.000		Recovery =	34.35%
Target Compounds			
1) T n-Nonane (C9)	3.303	2473861	21.324 ug/ml
2) T n-Decane (C10)	4.369	2527536	21.596 ug/ml
3) T A~Naphthalene (C11.7)	5.955	2758991	21.208 ug/ml
4) T n-Dodecane (C12)	6.390	2573387	21.564 ug/ml
5) T A~2-methylnaphthalene...	7.014	2790245	21.110 ug/ml
6) T n-Tetradecane (C14)	8.188	2534048	20.821 ug/ml
7) T n-Hexadecane (C16)	9.791	2424721	20.151 ug/ml
8) T n-Octadecane (C18)	11.235	2410701	19.025 ug/ml
10) T n-Eicosane (C20)	12.546	2309454	18.009 ug/ml
11) T n-Heneicosane (C21)	13.159	2233675	17.392 ug/ml
13) T n-Docosane (C22)	13.746	2205061	17.109 ug/ml
14) T n-Tetracosane (C24)	14.851	2161467	16.735 ug/ml
15) T n-Hexacosane (C26)	15.872	2127751	16.556 ug/ml
16) T n-Octacosane (C28)	16.824	2138235	16.510 ug/ml
17) T n-Tricontane (C30)	17.712	2156660	16.016 ug/ml
18) T n-Dotriacontane (C32)	18.547	2140291	15.606 ug/ml
19) T n-Tetratriacontane (C34)	19.331	2071705	15.875 ug/mlm
20) T n-Hexatriacontane (C36)	20.072	1983507	16.382 ug/mlm
21) T n-Octatriacontane (C38)	20.807	1831407	17.381 ug/ml
22) T n-Tetracontane (C40)	21.709	1961654	18.735 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID1A.CH
Acq On : 27 Apr 2021 6:08
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

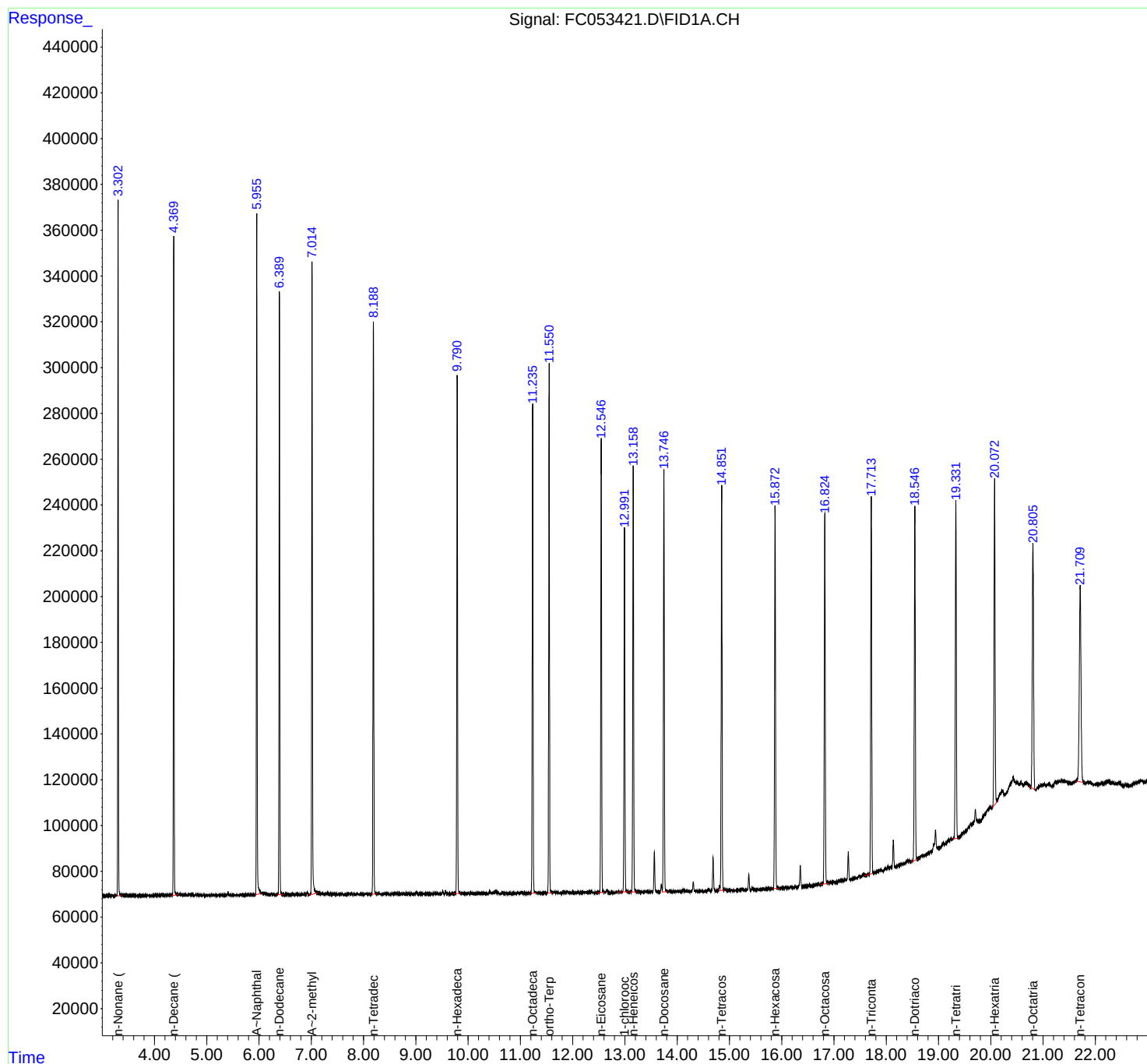
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

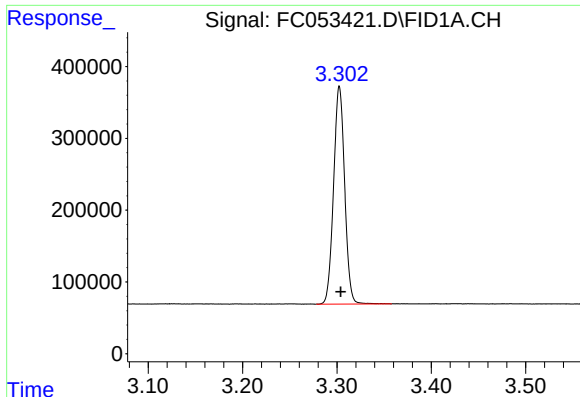
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Integration File: autoint1.e
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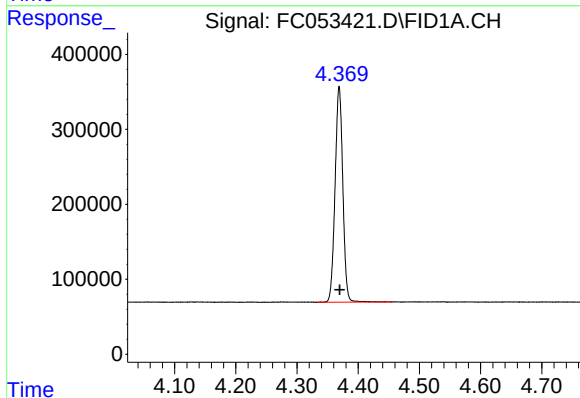
#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: -0.001 min
Response: 2473861
Conc: 21.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

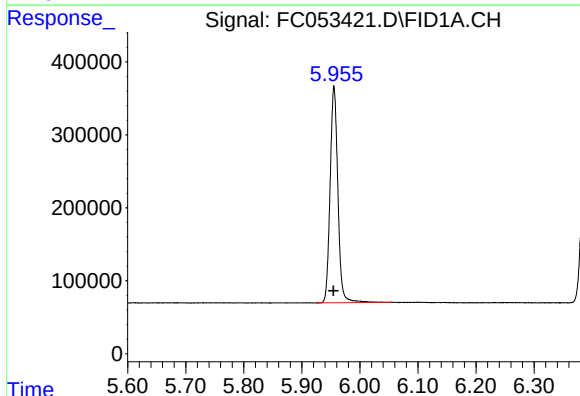
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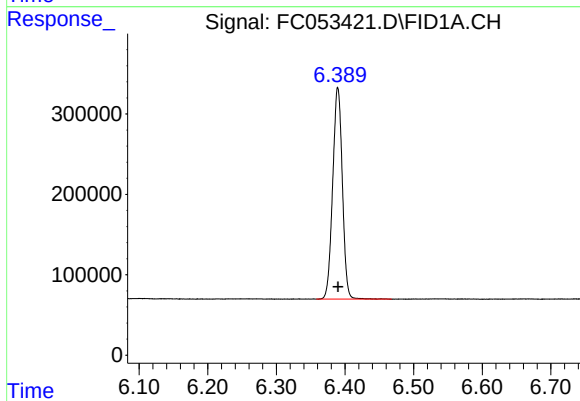
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: -0.001 min
Response: 2527536
Conc: 21.60 ug/ml



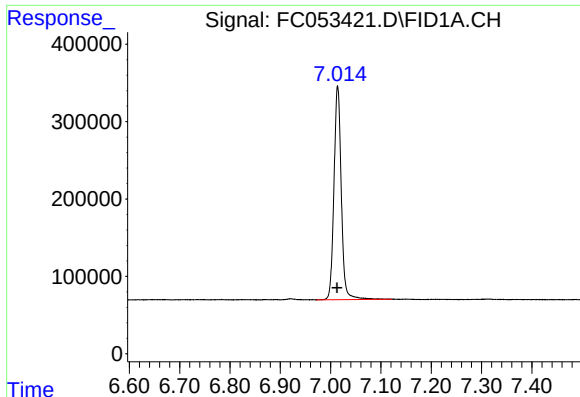
#3 A~Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 2758991
Conc: 21.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.390 min
Delta R.T.: 0.000 min
Response: 2573387
Conc: 21.56 ug/ml



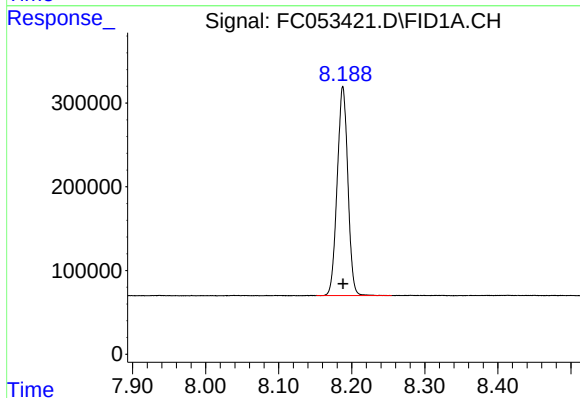
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.014 min
Delta R.T.: 0.001 min
Response: 2790245
Conc: 21.11 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

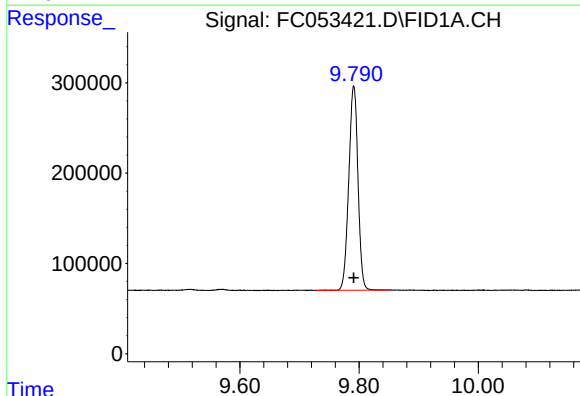
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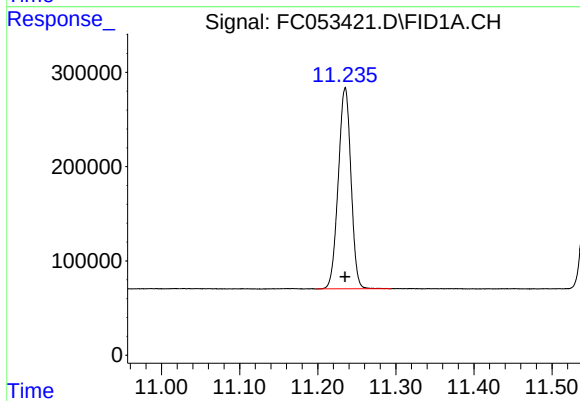
#6 n-Tetradecane (C14)

R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 2534048
Conc: 20.82 ug/ml



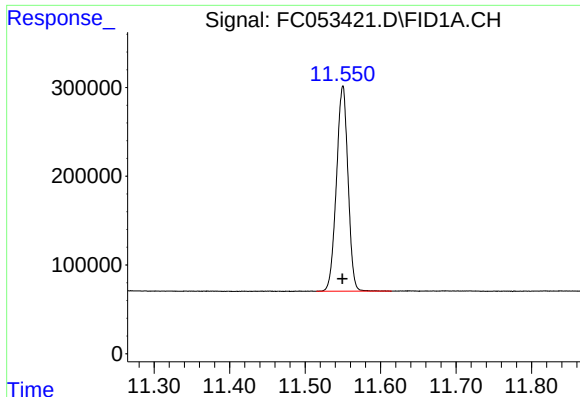
#7 n-Hexadecane (C16)

R.T.: 9.791 min
Delta R.T.: 0.000 min
Response: 2424721
Conc: 20.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.235 min
Delta R.T.: 0.000 min
Response: 2410701
Conc: 19.02 ug/ml



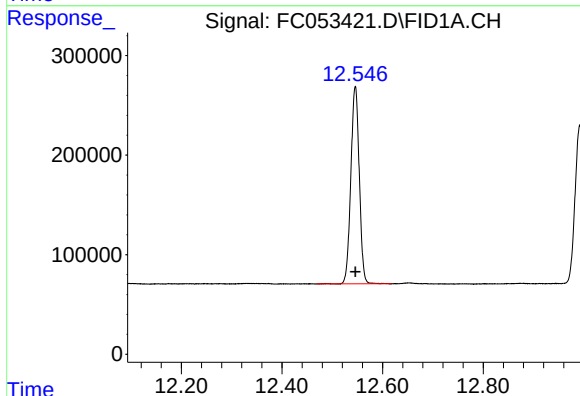
#9 ortho-Terphenyl (SURR)

R.T.: 11.550 min
Delta R.T.: 0.000 min
Response: 2460426
Conc: 17.78 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

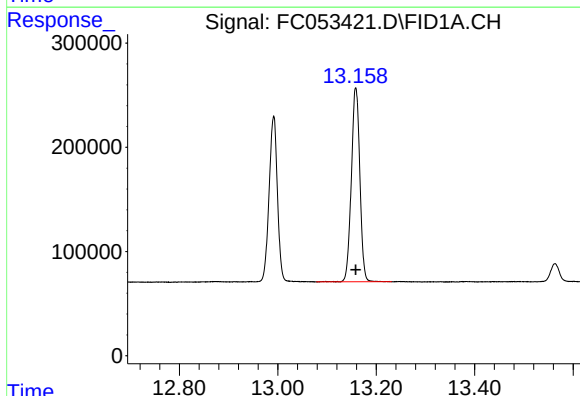
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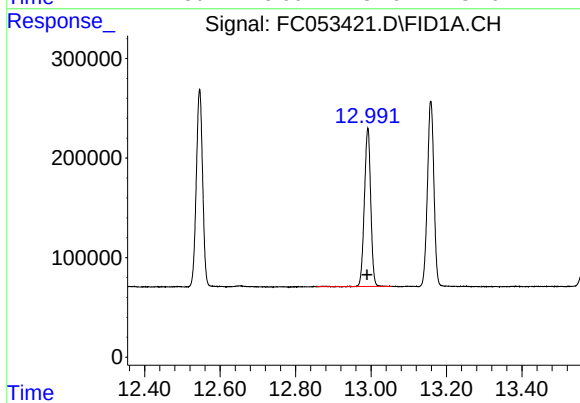
#10 n-Eicosane (C20)

R.T.: 12.546 min
Delta R.T.: 0.000 min
Response: 2309454
Conc: 18.01 ug/ml



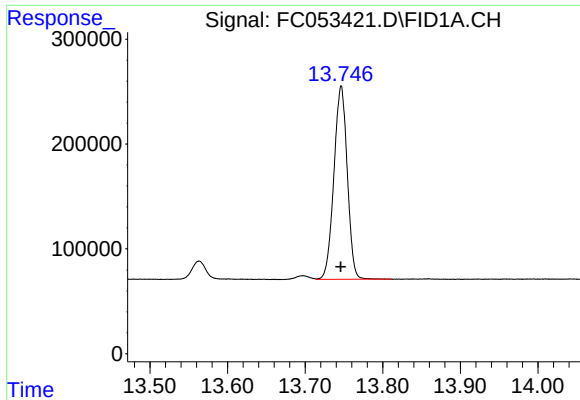
#11 n-Heneicosane (C21)

R.T.: 13.159 min
Delta R.T.: 0.000 min
Response: 2233675
Conc: 17.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.991 min
Delta R.T.: 0.002 min
Response: 1859077
Conc: 17.18 ug/ml



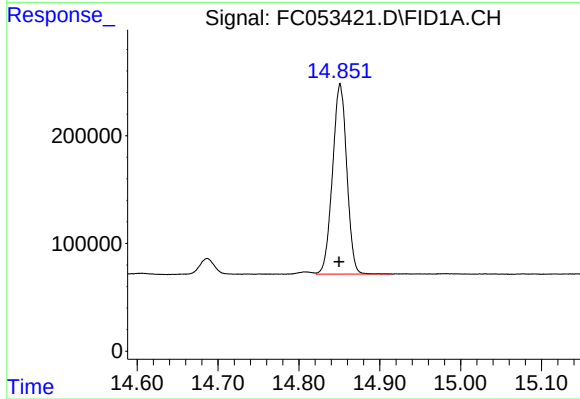
#13 n-Docosane (C22)

R.T.: 13.746 min
Delta R.T.: 0.000 min
Response: 2205061
Conc: 17.11 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

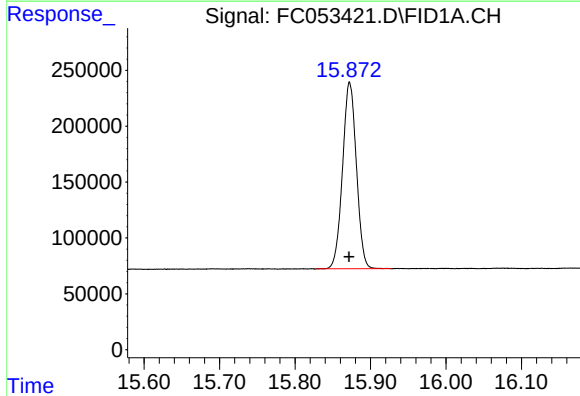
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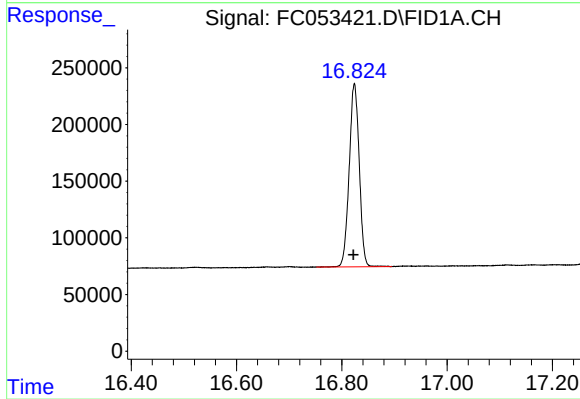
#14 n-Tetracosane (C24)

R.T.: 14.851 min
Delta R.T.: 0.001 min
Response: 2161467
Conc: 16.74 ug/ml



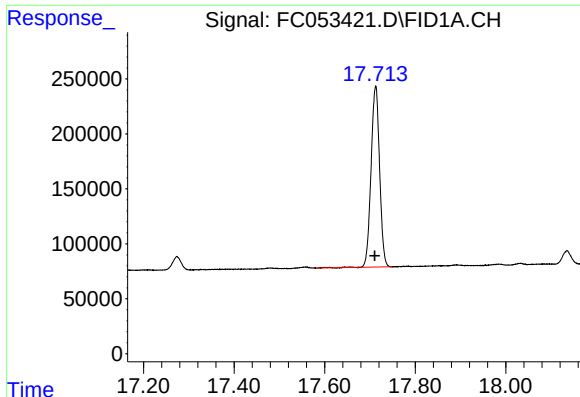
#15 n-Hexacosane (C26)

R.T.: 15.872 min
Delta R.T.: 0.001 min
Response: 2127751
Conc: 16.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.824 min
Delta R.T.: 0.002 min
Response: 2138235
Conc: 16.51 ug/ml



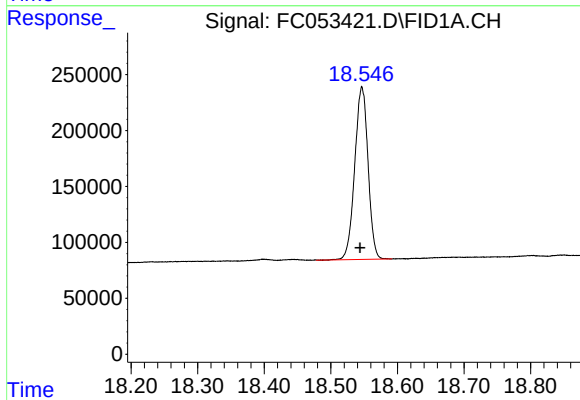
#17 n-Tricontane (C30)

R.T.: 17.712 min
Delta R.T.: 0.002 min
Response: 2156660
Conc: 16.02 ug/ml

Instrument :
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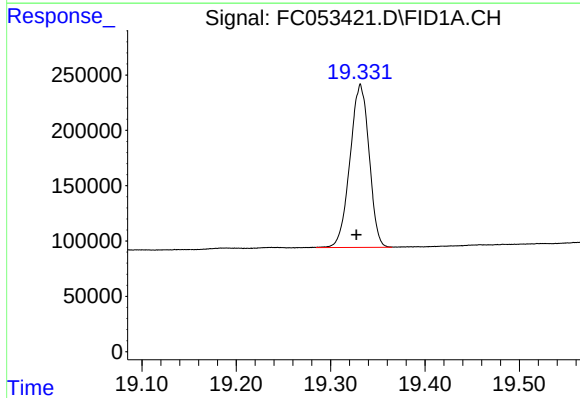
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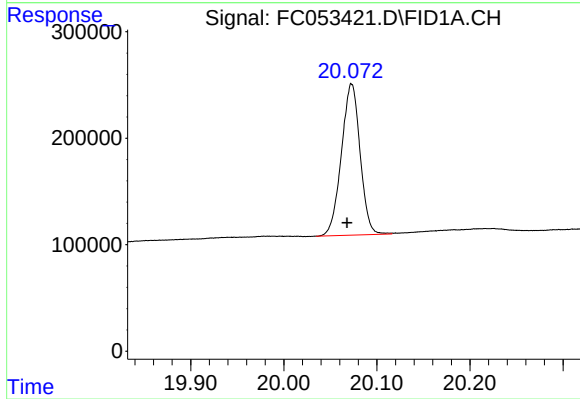
#18 n-Dotriacontane (C32)

R.T.: 18.547 min
Delta R.T.: 0.003 min
Response: 2140291
Conc: 15.61 ug/ml



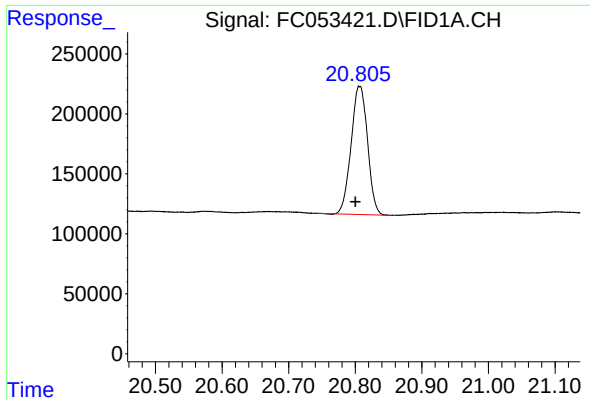
#19 n-Tetratriacontane (C34)

R.T.: 19.331 min
Delta R.T.: 0.004 min
Response: 2071705
Conc: 15.88 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.072 min
Delta R.T.: 0.004 min
Response: 1983507
Conc: 16.38 ug/ml m



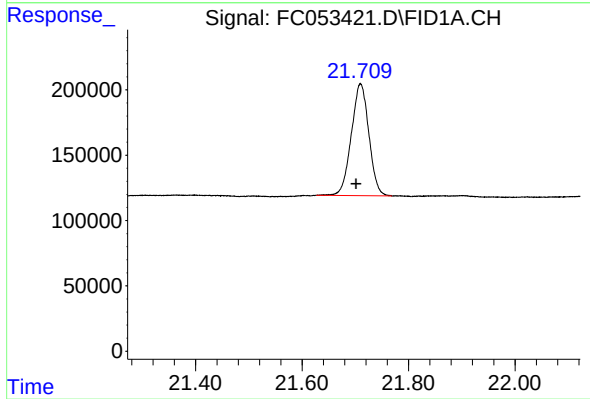
#21 n-Octatriacontane (C38)

R.T.: 20.807 min
Delta R.T.: 0.006 min
Response: 1831407
Conc: 17.38 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.709 min
Delta R.T.: 0.007 min
Response: 1961654
Conc: 18.74 ug/ml m