

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042321AL\
 Data File : FC053355.D
 Signal(s) : FID1A.CH
 Acq On : 23 Apr 2021 15:32
 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

Ankita
 4/27/2021 10:40:19 AM

Integration File: sample.E
 Quant Time: Apr 24 00:07:39 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	2870941	20.745 ug/ml
Spiked Amount 50.000		Recovery =	41.49%
12) S 1-chlorooctadecane (S...	12.990	2220604	20.517 ug/ml
Spiked Amount 50.000		Recovery =	41.03%
Target Compounds			
1) T n-Nonane (C9)	3.303	2574968	22.195 ug/ml
2) T n-Decane (C10)	4.369	2597019	22.190 ug/ml
3) T A~Naphthalene (C11.7)	5.955	2920292	22.447 ug/ml
4) T n-Dodecane (C12)	6.390	2680249	22.460 ug/ml
5) T A~2-methylnaphthalene...	7.013	2976241	22.517 ug/ml
6) T n-Tetradecane (C14)	8.188	2708153	22.252 ug/ml
7) T n-Hexadecane (C16)	9.790	2665426	22.152 ug/ml
8) T n-Octadecane (C18)	11.235	2746682	21.676 ug/ml
10) T n-Eicosane (C20)	12.545	2705089	21.094 ug/ml
11) T n-Heneicosane (C21)	13.158	2654407	20.668 ug/ml
13) T n-Docosane (C22)	13.745	2605167	20.214 ug/ml
14) T n-Tetracosane (C24)	14.849	2498585	19.346 ug/ml
15) T n-Hexacosane (C26)	15.871	2364197	18.396 ug/ml
16) T n-Octacosane (C28)	16.823	2275754	17.572 ug/ml
17) T n-Tricontane (C30)	17.710	2235885	16.604 ug/ml
18) T n-Dotriacontane (C32)	18.544	2167331	15.803 ug/ml
19) T n-Tetratriacontane (C34)	19.329	2116052	16.215 ug/mlm
20) T n-Hexatriacontane (C36)	20.070	2183949	18.038 ug/mlm
21) T n-Octatriacontane (C38)	20.803	1949807	18.504 ug/ml
22) T n-Tetracontane (C40)	21.707	2283301	21.807 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

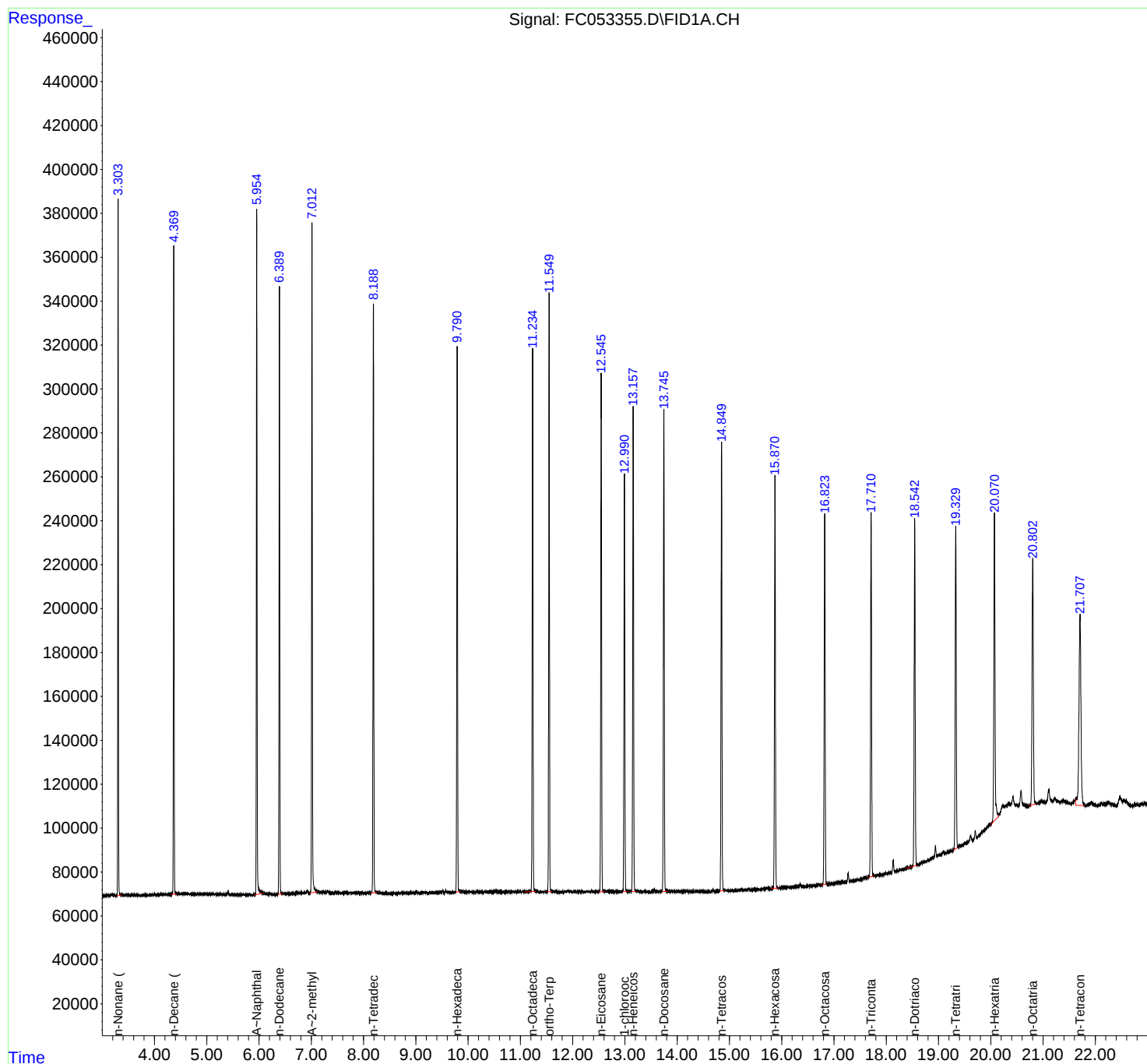
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

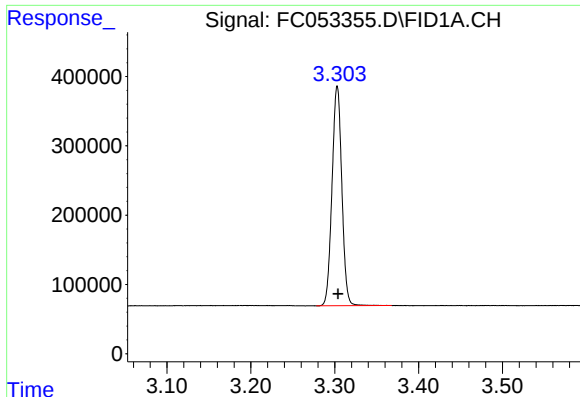
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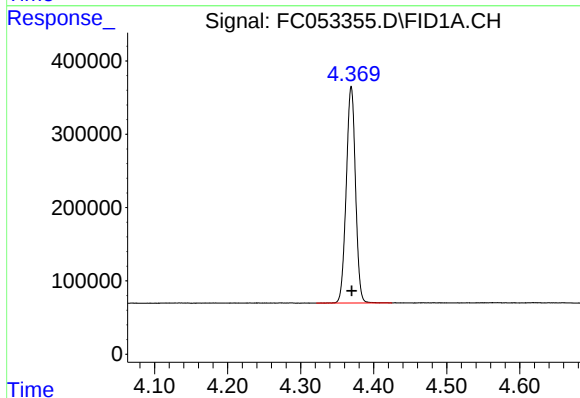
#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 2574968
Conc: 22.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

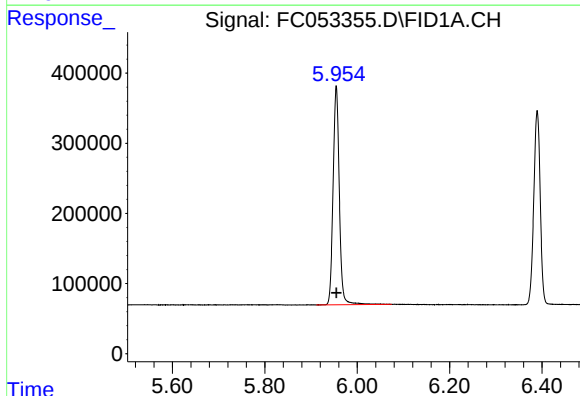
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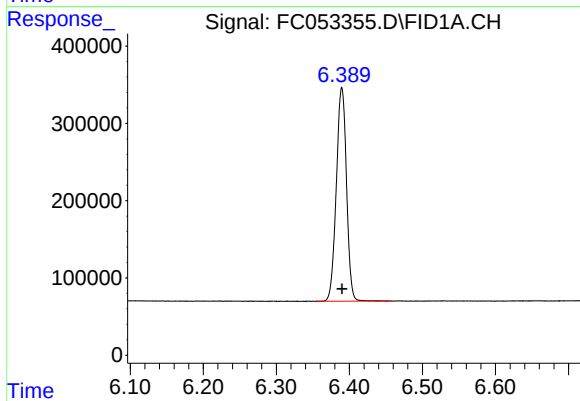
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 2597019
Conc: 22.19 ug/ml



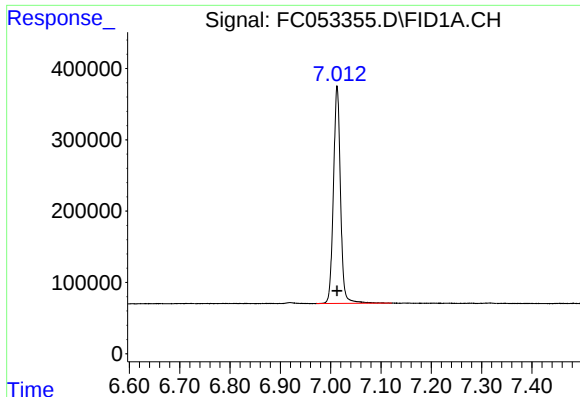
#3 A~Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 2920292
Conc: 22.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.390 min
Delta R.T.: 0.000 min
Response: 2680249
Conc: 22.46 ug/ml



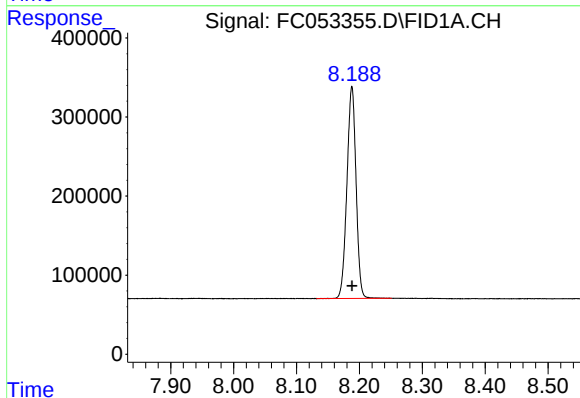
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 2976241
Conc: 22.52 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

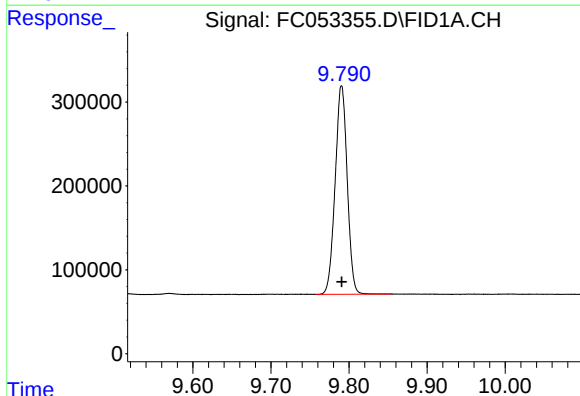
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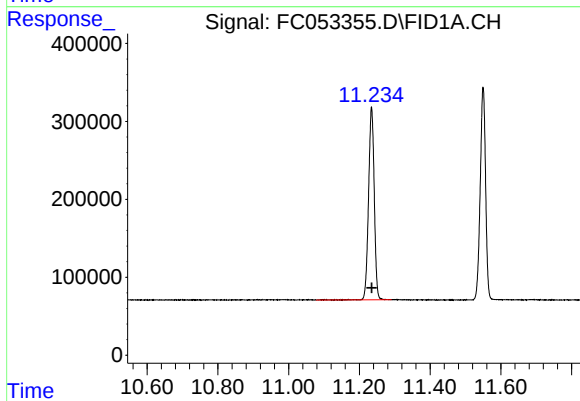
#6 n-Tetradecane (C14)

R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 2708153
Conc: 22.25 ug/ml



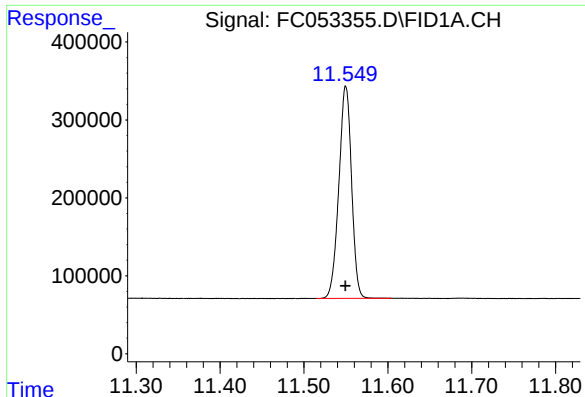
#7 n-Hexadecane (C16)

R.T.: 9.790 min
Delta R.T.: 0.000 min
Response: 2665426
Conc: 22.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.235 min
Delta R.T.: 0.000 min
Response: 2746682
Conc: 21.68 ug/ml



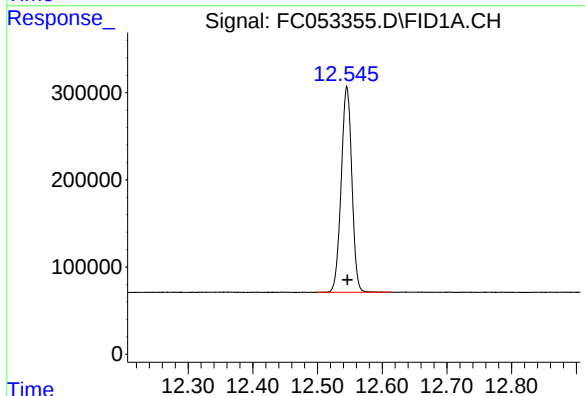
#9 ortho-Terphenyl (SURR)

R.T.: 11.550 min
Delta R.T.: 0.000 min
Response: 2870941
Conc: 20.74 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

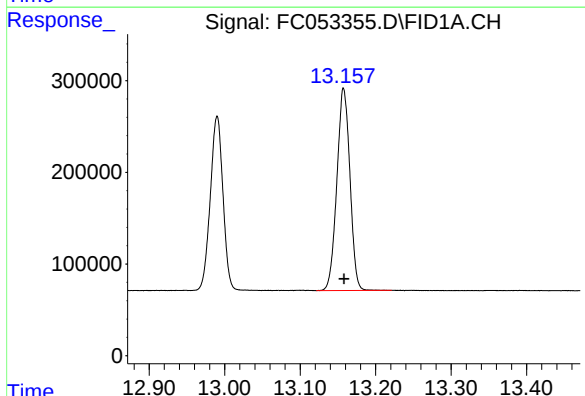
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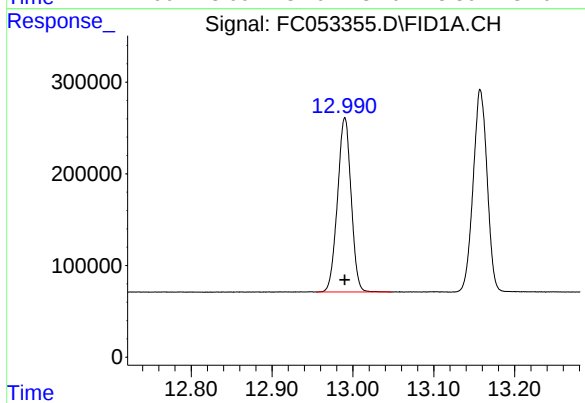
#10 n-Eicosane (C20)

R.T.: 12.545 min
Delta R.T.: 0.000 min
Response: 2705089
Conc: 21.09 ug/ml



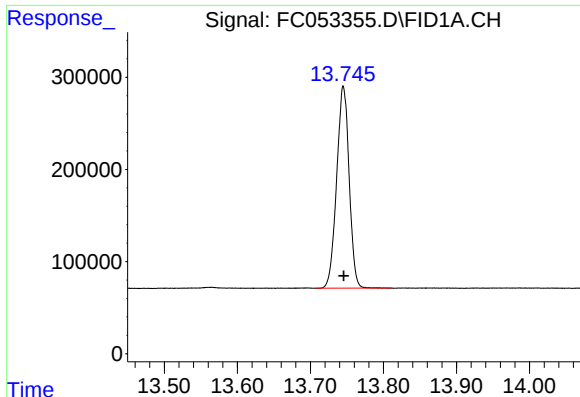
#11 n-Heneicosane (C21)

R.T.: 13.158 min
Delta R.T.: 0.000 min
Response: 2654407
Conc: 20.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.990 min
Delta R.T.: 0.000 min
Response: 2220604
Conc: 20.52 ug/ml



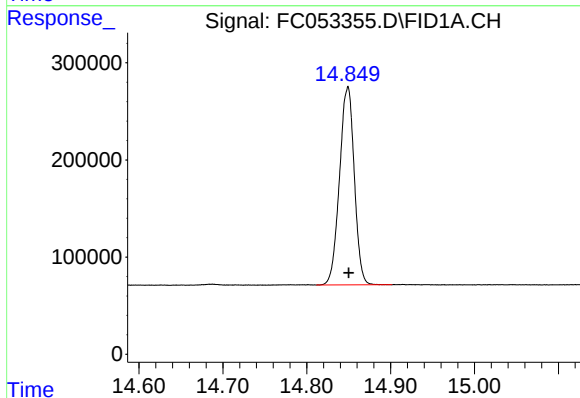
#13 n-Docosane (C22)

R.T.: 13.745 min
Delta R.T.: 0.000 min
Response: 2605167
Conc: 20.21 ug/ml

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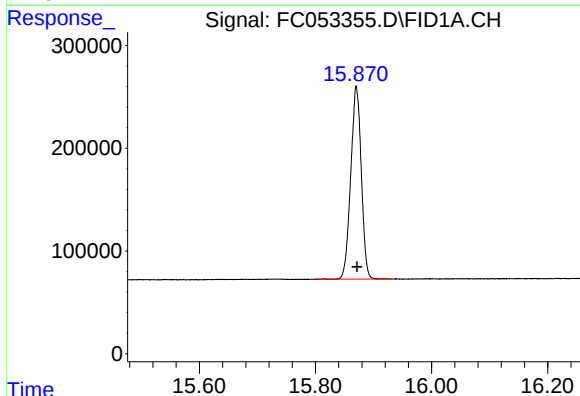
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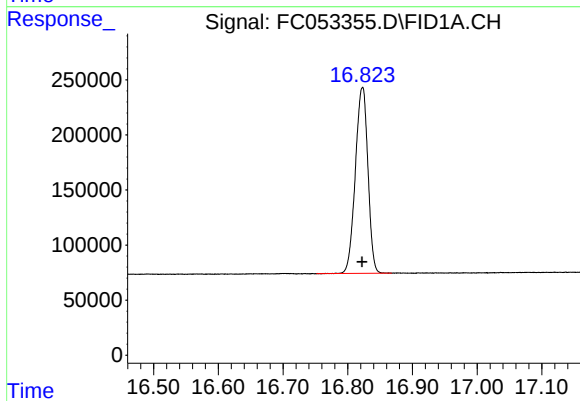
#14 n-Tetracosane (C24)

R.T.: 14.849 min
Delta R.T.: -0.001 min
Response: 2498585
Conc: 19.35 ug/ml



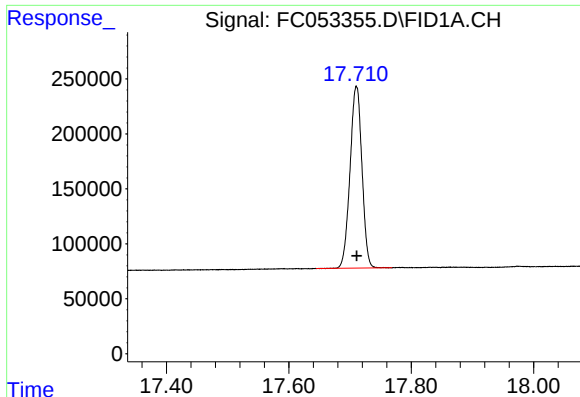
#15 n-Hexacosane (C26)

R.T.: 15.871 min
Delta R.T.: 0.000 min
Response: 2364197
Conc: 18.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.823 min
Delta R.T.: 0.000 min
Response: 2275754
Conc: 17.57 ug/ml



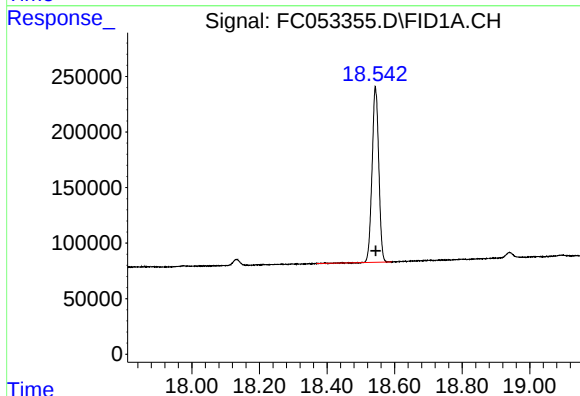
#17 n-Tricontane (C30)

R.T.: 17.710 min
Delta R.T.: 0.000 min
Response: 2235885
Conc: 16.60 ug/ml

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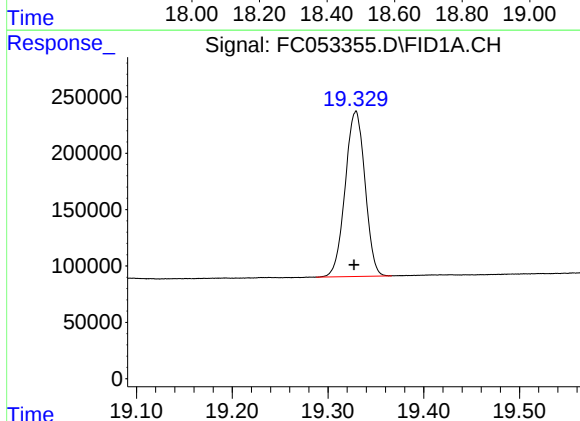
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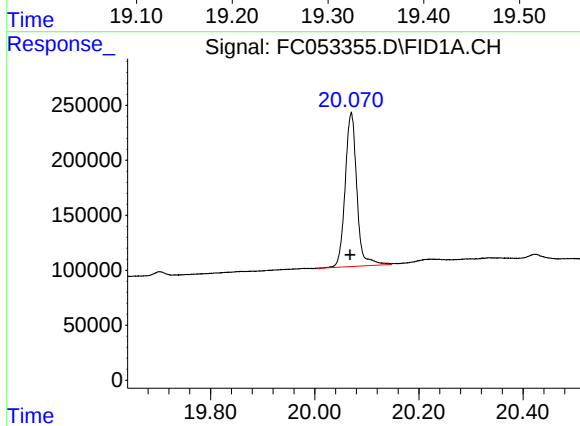
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: 0.000 min
Response: 2167331
Conc: 15.80 ug/ml



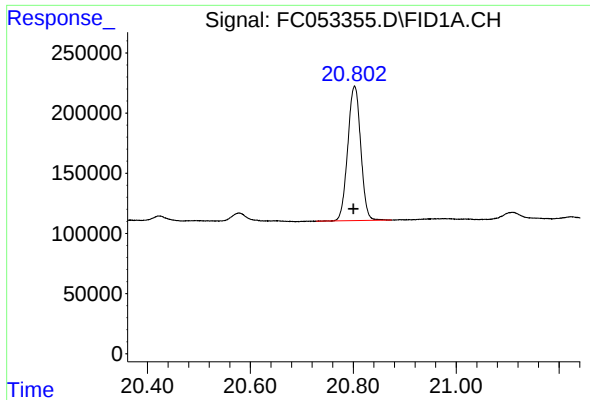
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min
Delta R.T.: 0.002 min
Response: 2116052
Conc: 16.22 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.070 min
Delta R.T.: 0.002 min
Response: 2183949
Conc: 18.04 ug/ml m



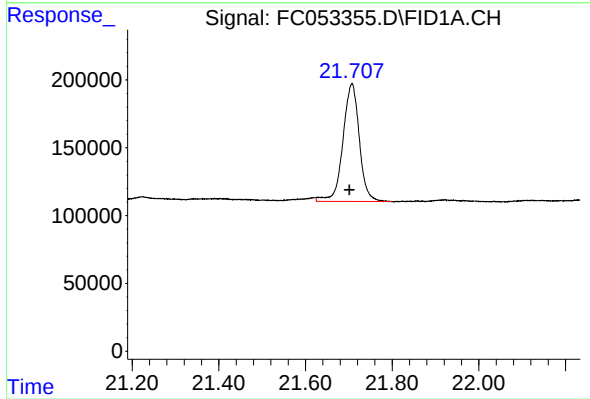
#21 n-Octatriacontane (C38)

R.T.: 20.803 min
Delta R.T.: 0.002 min
Response: 1949807
Conc: 18.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.707 min
Delta R.T.: 0.006 min
Response: 2283301
Conc: 21.81 ug/ml m