

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051021AL\
 Data File : FC053639.D
 Signal(s) : FID1A.CH
 Acq On : 10 May 2021 23:20
 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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 5/11/2021 2:18:36 PM

Integration File: autoint1.e
 Quant Time: May 11 03:23:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 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)	11.532	2502355	18.074 ug/ml
Spiked Amount 50.000		Recovery =	36.15%
12) S 1-chlorooctadecane (S...	12.973	1955661	17.534 ug/ml
Spiked Amount 50.000		Recovery =	35.07%
Target Compounds			
1) T n-Nonane (C9)	3.290	2288747	19.378 ug/ml
2) T n-Decane (C10)	4.355	2315404	19.553 ug/ml
3) T A~Naphthalene (C11.7)	5.939	2553652	19.598 ug/ml
4) T n-Dodecane (C12)	6.374	2377816	19.651 ug/ml
5) T A~2-methylnaphthalene...	6.997	2602256	19.683 ug/ml
6) T n-Tetradecane (C14)	8.172	2382436	19.557 ug/ml
7) T n-Hexadecane (C16)	9.774	2354668	19.225 ug/ml
8) T n-Octadecane (C18)	11.218	2418290	18.569 ug/ml
10) T n-Eicosane (C20)	12.529	2382896	18.003 ug/ml
11) T n-Heneicosane (C21)	13.142	2355554	17.736 ug/ml
13) T n-Docosane (C22)	13.728	2310469	17.370 ug/ml
14) T n-Tetracosane (C24)	14.833	2215238	16.595 ug/ml
15) T n-Hexacosane (C26)	15.855	2101352	15.894 ug/ml
16) T n-Octacosane (C28)	16.805	2012030	15.370 ug/ml
17) T n-Tricontane (C30)	17.694	1958940	15.019 ug/mlm
18) T n-Dotriacontane (C32)	18.526	1901929	15.073 ug/mlm
19) T n-Tetratriacontane (C34)	19.311	1852298	15.203 ug/mlm
20) T n-Hexatriacontane (C36)	20.051	1890730	16.171 ug/mlm
21) T n-Octatriacontane (C38)	20.784	1746414	16.976 ug/mlm
22) T n-Tetracontane (C40)	21.681	1776486	17.828 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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ALS Vial : 2 Sample Multiplier: 1

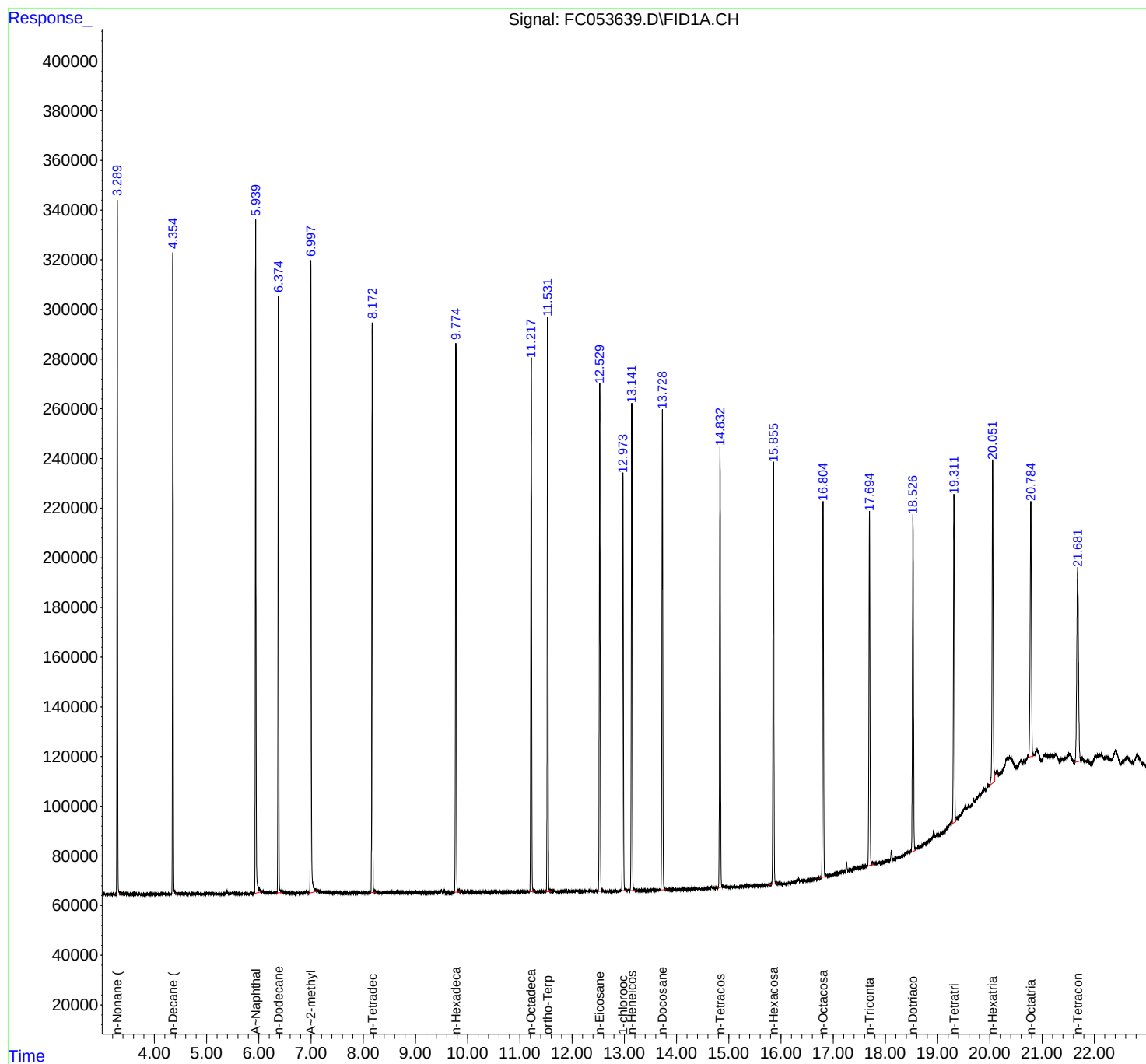
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

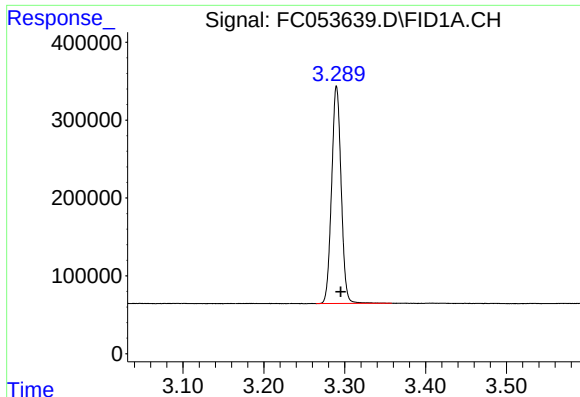
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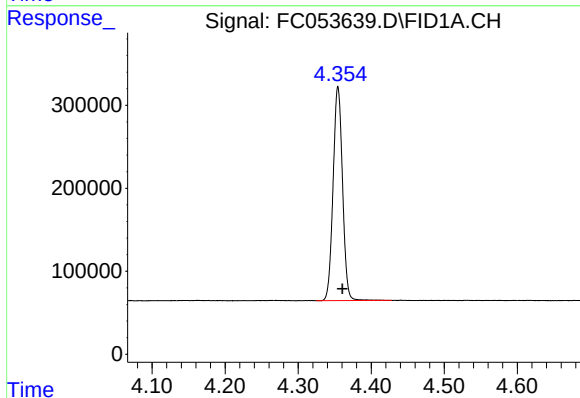
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: -0.005 min
Response: 2288747
Conc: 19.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

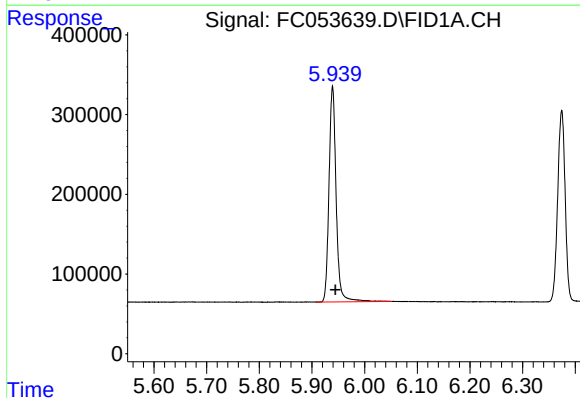
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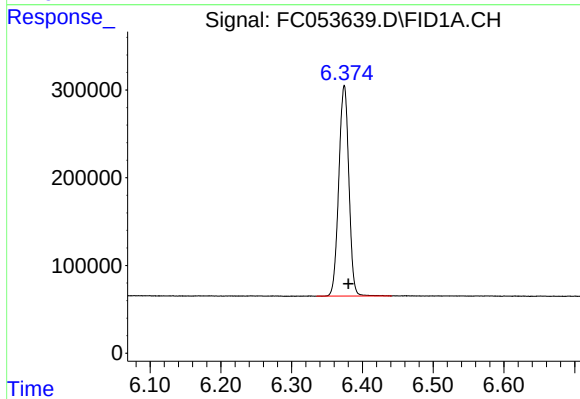
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 2315404
Conc: 19.55 ug/ml



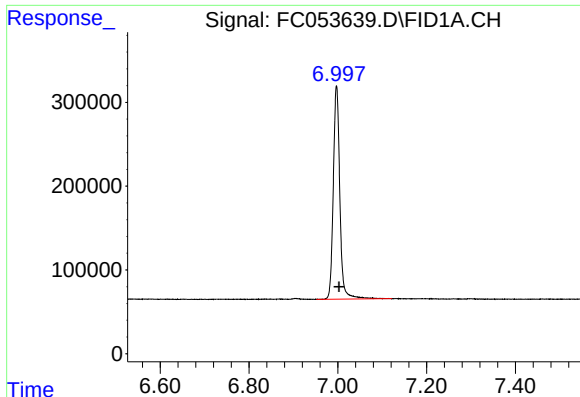
#3 A~Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: -0.006 min
Response: 2553652
Conc: 19.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.374 min
Delta R.T.: -0.006 min
Response: 2377816
Conc: 19.65 ug/ml



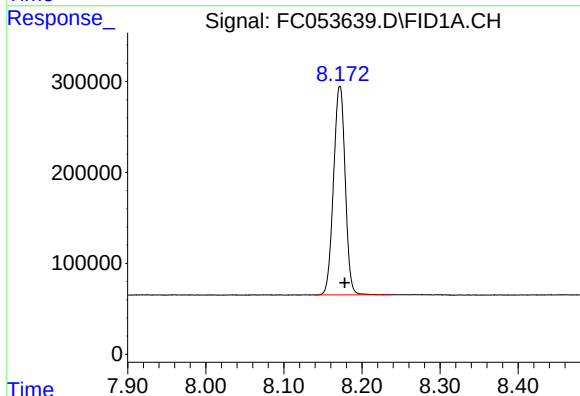
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.997 min
Delta R.T.: -0.005 min
Response: 2602256
Conc: 19.68 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

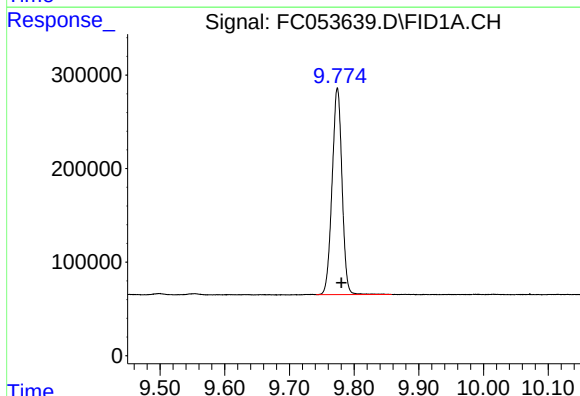
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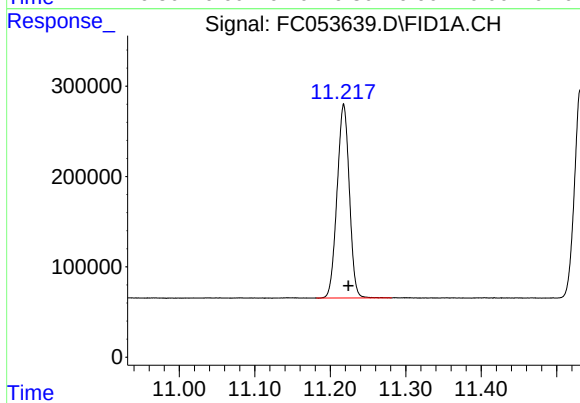
#6 n-Tetradecane (C14)

R.T.: 8.172 min
Delta R.T.: -0.006 min
Response: 2382436
Conc: 19.56 ug/ml



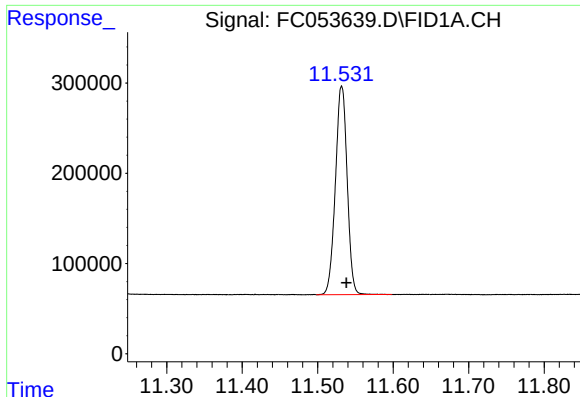
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: -0.006 min
Response: 2354668
Conc: 19.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.218 min
Delta R.T.: -0.006 min
Response: 2418290
Conc: 18.57 ug/ml



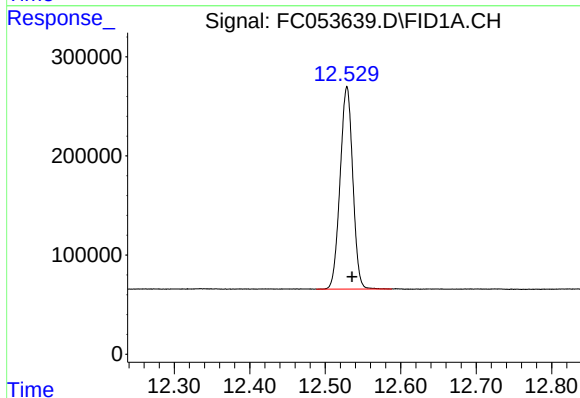
#9 ortho-Terphenyl (SURR)

R.T.: 11.532 min
Delta R.T.: -0.006 min
Response: 2502355
Conc: 18.07 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

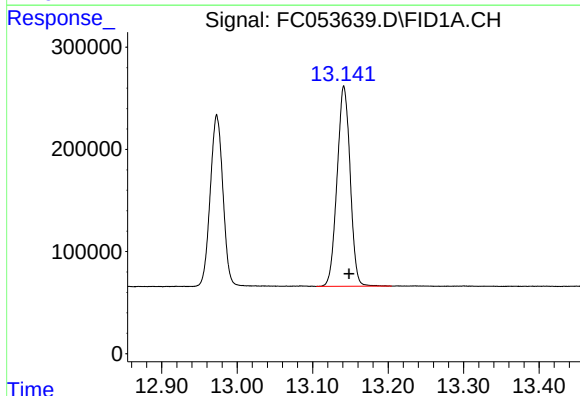
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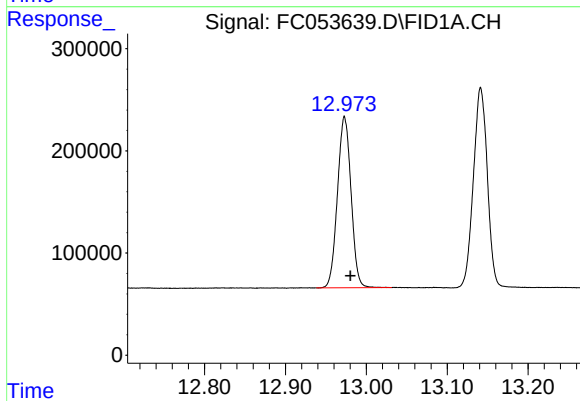
#10 n-Eicosane (C20)

R.T.: 12.529 min
Delta R.T.: -0.007 min
Response: 2382896
Conc: 18.00 ug/ml



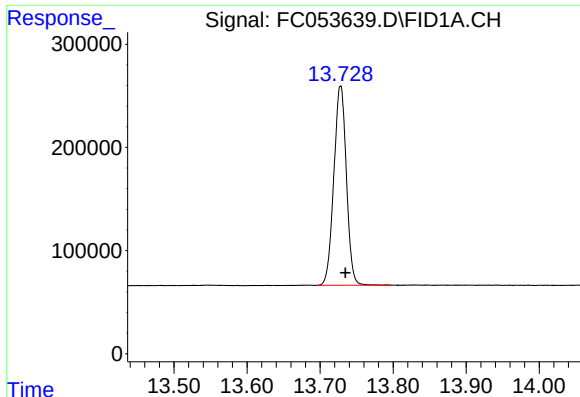
#11 n-Heneicosane (C21)

R.T.: 13.142 min
Delta R.T.: -0.007 min
Response: 2355554
Conc: 17.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.973 min
Delta R.T.: -0.007 min
Response: 1955661
Conc: 17.53 ug/ml



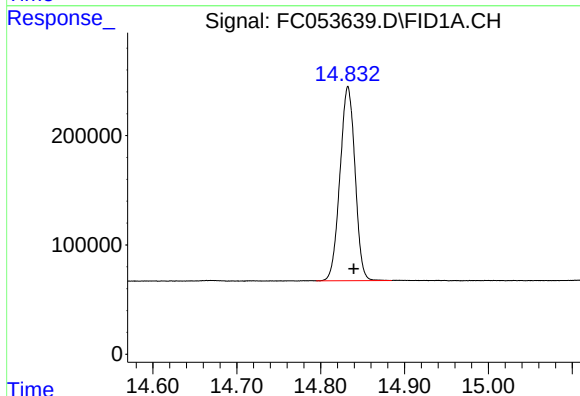
#13 n-Docosane (C22)

R.T.: 13.728 min
Delta R.T.: -0.007 min
Response: 2310469
Conc: 17.37 ug/ml

Instrument :
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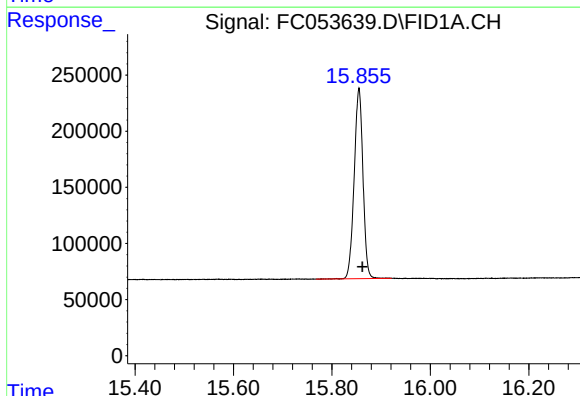
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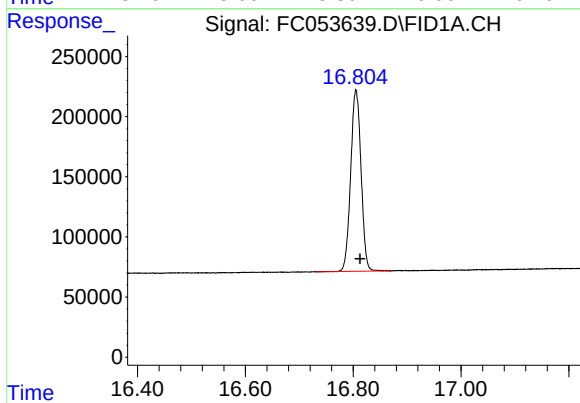
#14 n-Tetracosane (C24)

R.T.: 14.833 min
Delta R.T.: -0.007 min
Response: 2215238
Conc: 16.60 ug/ml



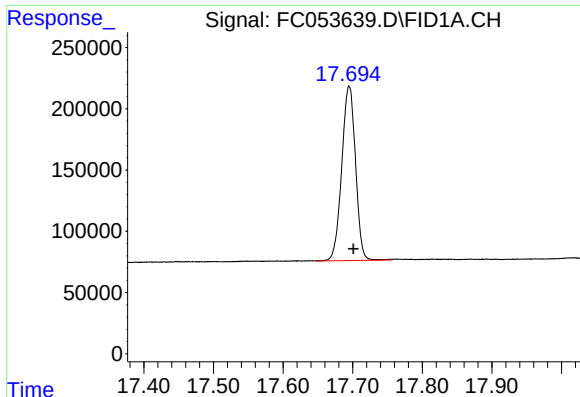
#15 n-Hexacosane (C26)

R.T.: 15.855 min
Delta R.T.: -0.007 min
Response: 2101352
Conc: 15.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.805 min
Delta R.T.: -0.007 min
Response: 2012030
Conc: 15.37 ug/ml



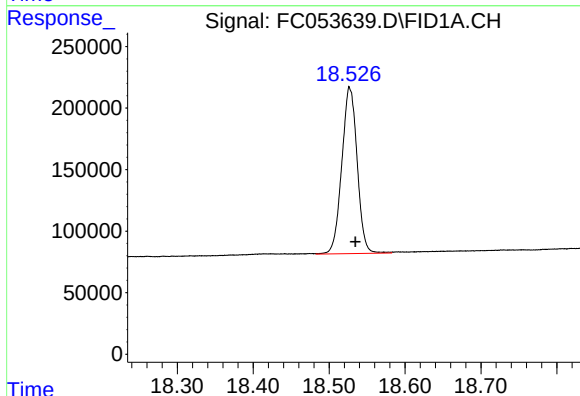
#17 n-Tricontane (C30)

R.T.: 17.694 min
Delta R.T.: -0.007 min
Response: 1958940
Conc: 15.02 ug/ml m

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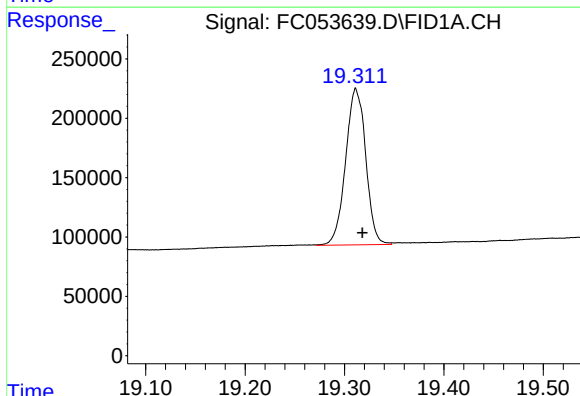
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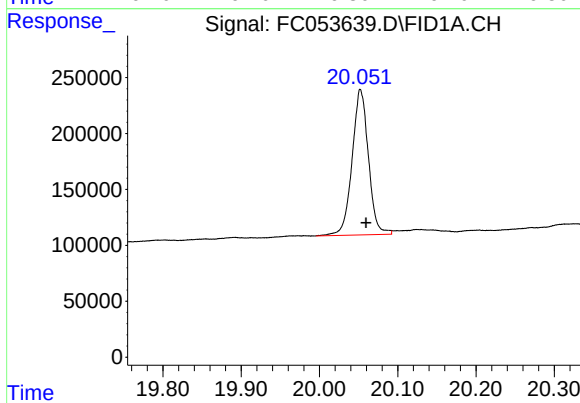
#18 n-Dotriacontane (C32)

R.T.: 18.526 min
Delta R.T.: -0.009 min
Response: 1901929
Conc: 15.07 ug/ml m



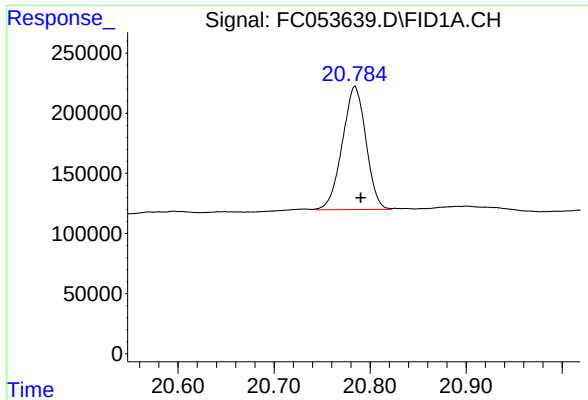
#19 n-Tetratriacontane (C34)

R.T.: 19.311 min
Delta R.T.: -0.007 min
Response: 1852298
Conc: 15.20 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.051 min
Delta R.T.: -0.008 min
Response: 1890730
Conc: 16.17 ug/ml m



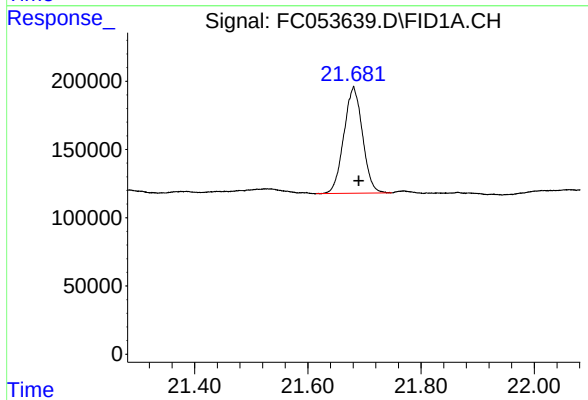
#21 n-Octatriacontane (C38)

R.T.: 20.784 min
Delta R.T.: -0.006 min
Response: 1746414
Conc: 16.98 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.681 min
Delta R.T.: -0.009 min
Response: 1776486
Conc: 17.83 ug/ml