

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061920AL\
 Data File : FC047953.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jun 2020 16:03
 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

Sohil
 6/23/2020 8:03:25 AM

Integration File: autoint1.e
 Quant Time: Jun 20 01:19:40 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 08:39:57 2020
 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)	11.733	2178331	18.159 ug/ml
Spiked Amount 50.000		Recovery =	36.32%
12) S 1-chlorooctadecane (S...	13.144	1733801	17.704 ug/ml
Spiked Amount 50.000		Recovery =	35.41%
Target Compounds			
1) T n-Nonane (C9)	3.540	2084494	20.830 ug/ml
2) T n-Decane (C10)	4.603	2102527	20.926 ug/ml
3) T A~Naphthalene (C11.7)	6.204	2082523	20.640 ug/ml
4) T n-Dodecane (C12)	6.604	2170899	20.738 ug/ml
5) T A~2-methylnaphthalene...	7.251	2116815	20.451 ug/ml
6) T n-Tetradecane (C14)	8.381	2147700	20.463 ug/ml
7) T n-Hexadecane (C16)	9.968	2092065	20.024 ug/ml
8) T n-Octadecane (C18)	11.399	2124692	19.114 ug/ml
10) T n-Eicosane (C20)	12.699	2075565	18.238 ug/ml
11) T n-Heneicosane (C21)	13.306	2034240	17.777 ug/ml
13) T n-Docosane (C22)	13.890	1990563	17.353 ug/ml
14) T n-Tetracosane (C24)	14.985	1912597	16.644 ug/ml
15) T n-Hexacosane (C26)	16.000	1841506	16.122 ug/ml
16) T n-Octacosane (C28)	16.944	1811947	15.942 ug/ml
17) T n-Tricontane (C30)	17.826	1773970	16.186 ug/ml
18) T n-Dotriacontane (C32)	18.653	1674270	16.889 ug/mlm
19) T n-Tetratriacontane (C34)	19.433	1576298	17.211 ug/mlm
20) T n-Hexatriacontane (C36)	20.167	1648355	19.221 ug/mlm
21) T n-Octatriacontane (C38)	20.920	1644129	20.646 ug/mlm
22) T n-Tetracontane (C40)	21.866	1445281	18.279 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

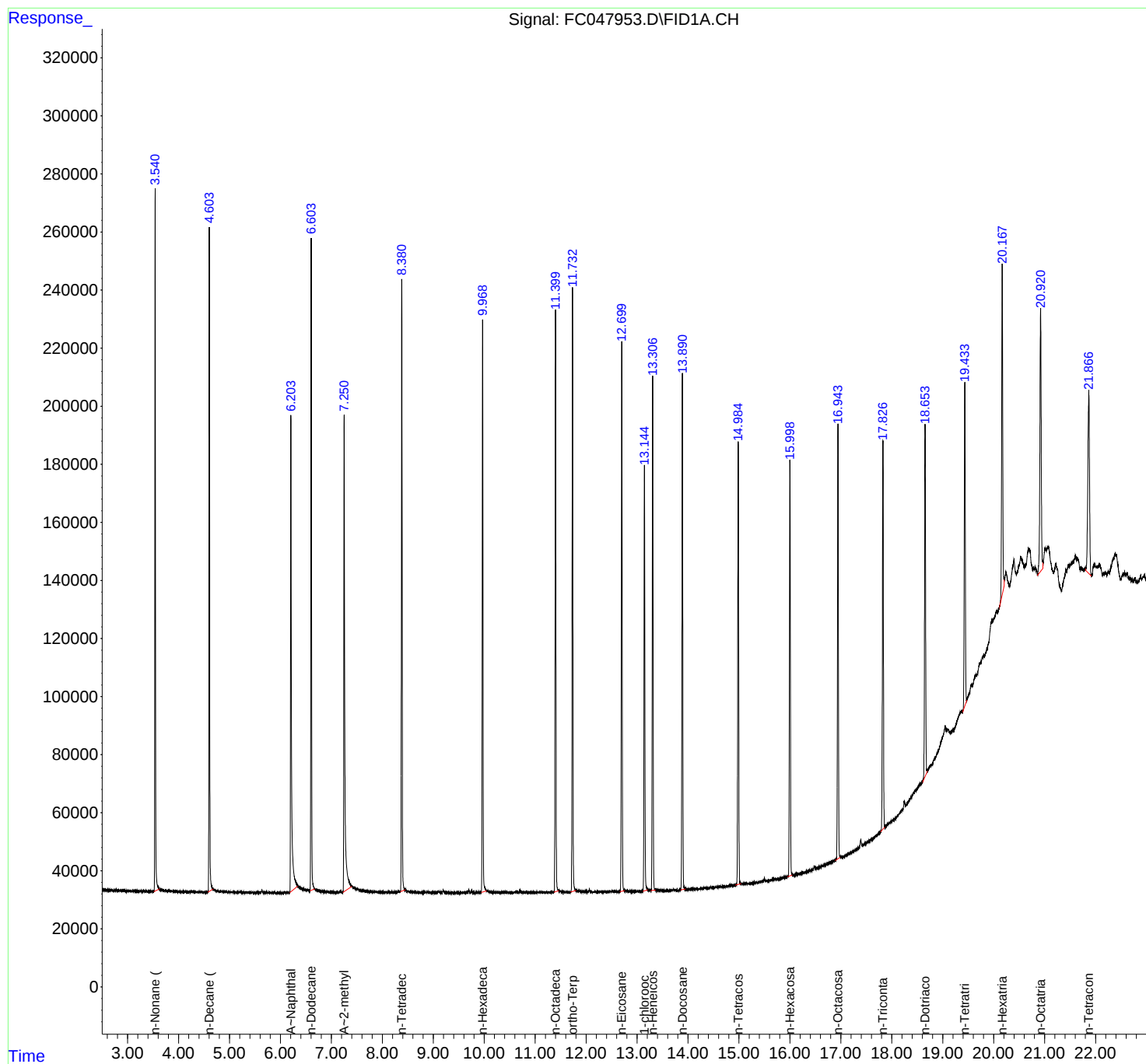
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

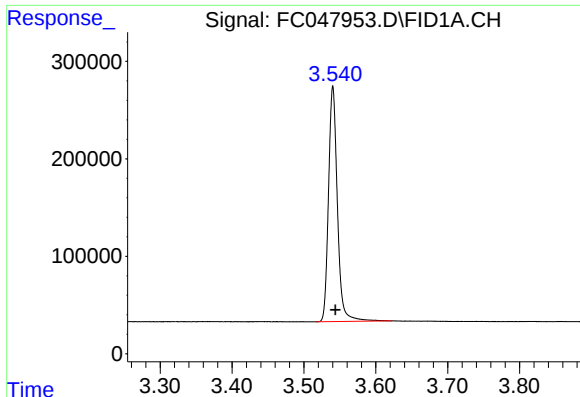
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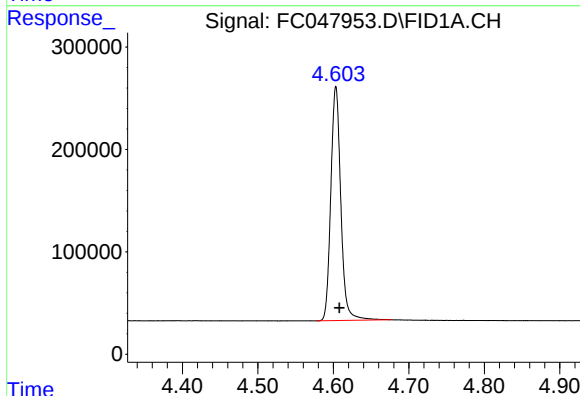
#1 n-Nonane (C9)

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 2084494
Conc: 20.83 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

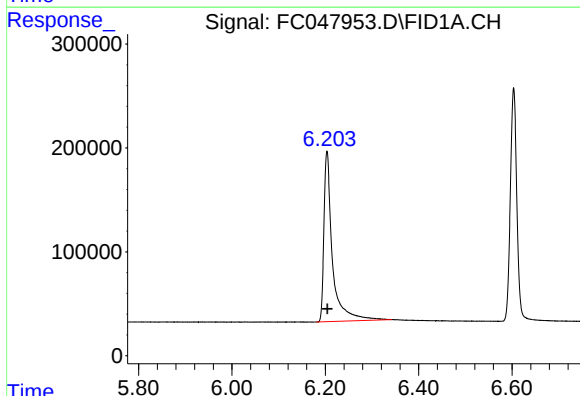
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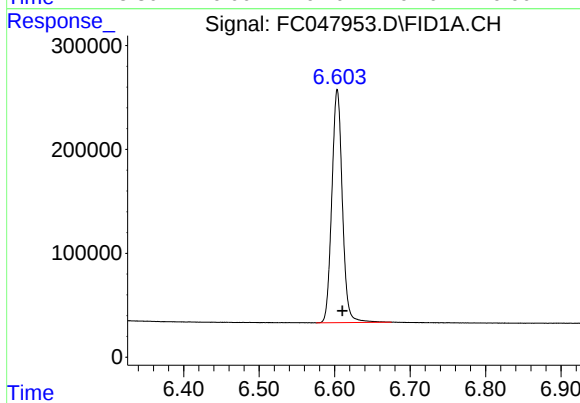
#2 n-Decane (C10)

R.T.: 4.603 min
Delta R.T.: -0.005 min
Response: 2102527
Conc: 20.93 ug/ml



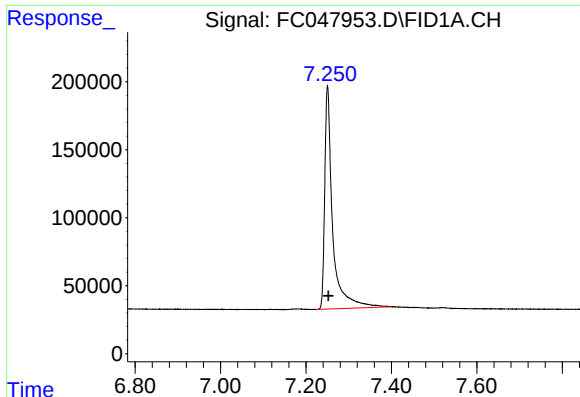
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 2082523
Conc: 20.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.604 min
Delta R.T.: -0.007 min
Response: 2170899
Conc: 20.74 ug/ml



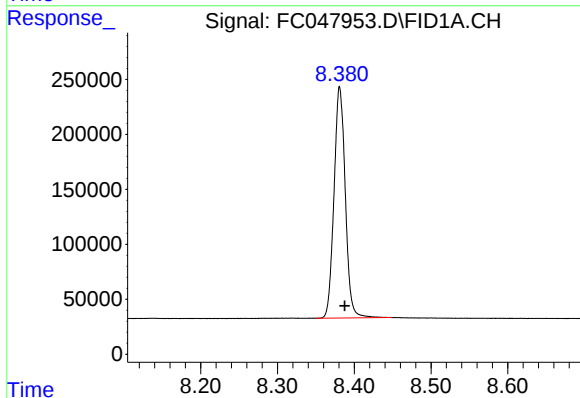
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.251 min
Delta R.T.: -0.002 min
Response: 2116815
Conc: 20.45 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

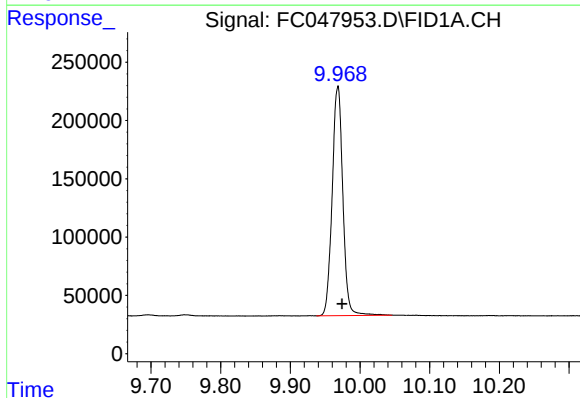
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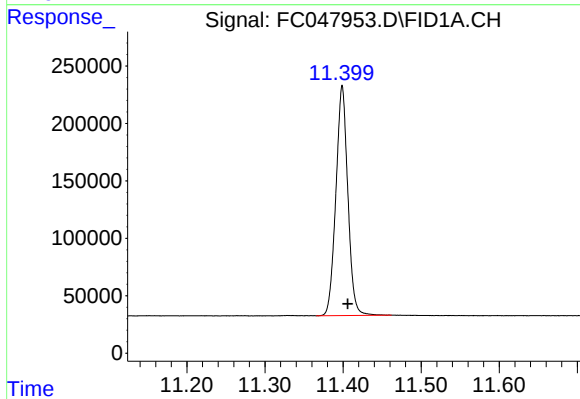
#6 n-Tetradecane (C14)

R.T.: 8.381 min
Delta R.T.: -0.006 min
Response: 2147700
Conc: 20.46 ug/ml



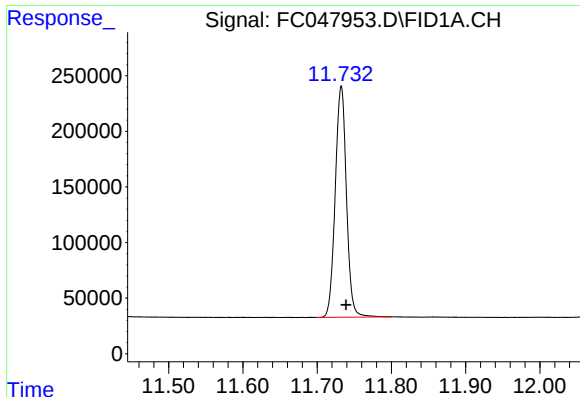
#7 n-Hexadecane (C16)

R.T.: 9.968 min
Delta R.T.: -0.006 min
Response: 2092065
Conc: 20.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.399 min
Delta R.T.: -0.007 min
Response: 2124692
Conc: 19.11 ug/ml



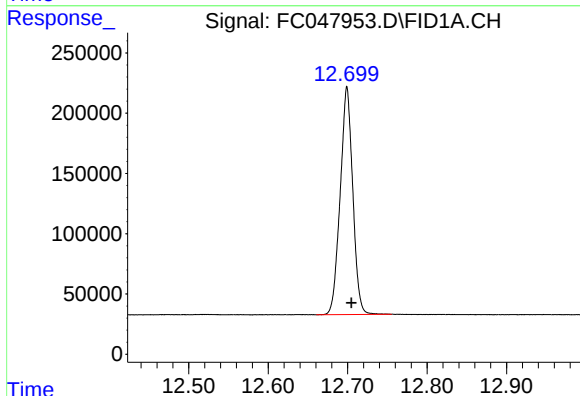
#9 ortho-Terphenyl (SURR)

R.T.: 11.733 min
Delta R.T.: -0.006 min
Response: 2178331
Conc: 18.16 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

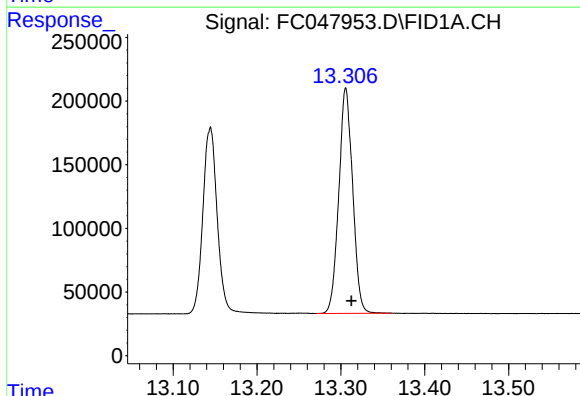
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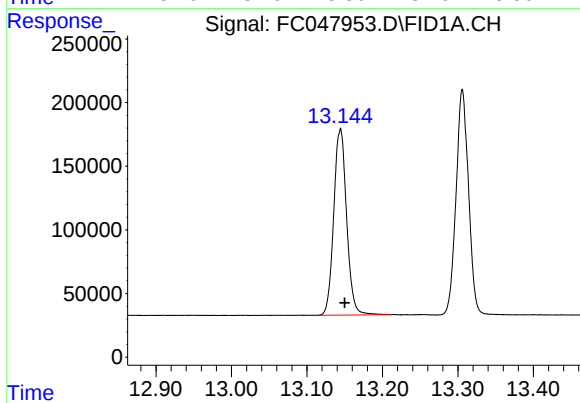
#10 n-Eicosane (C20)

R.T.: 12.699 min
Delta R.T.: -0.006 min
Response: 2075565
Conc: 18.24 ug/ml



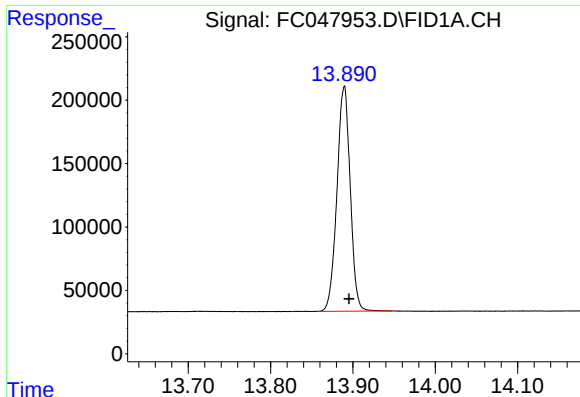
#11 n-Heneicosane (C21)

R.T.: 13.306 min
Delta R.T.: -0.007 min
Response: 2034240
Conc: 17.78 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.144 min
Delta R.T.: -0.006 min
Response: 1733801
Conc: 17.70 ug/ml



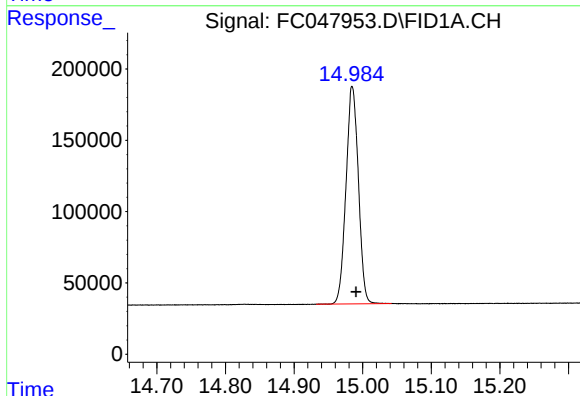
#13 n-Docosane (C22)

R.T.: 13.890 min
Delta R.T.: -0.006 min
Response: 1990563
Conc: 17.35 ug/ml

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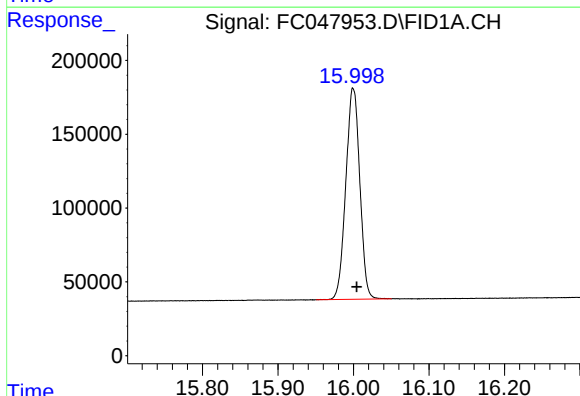
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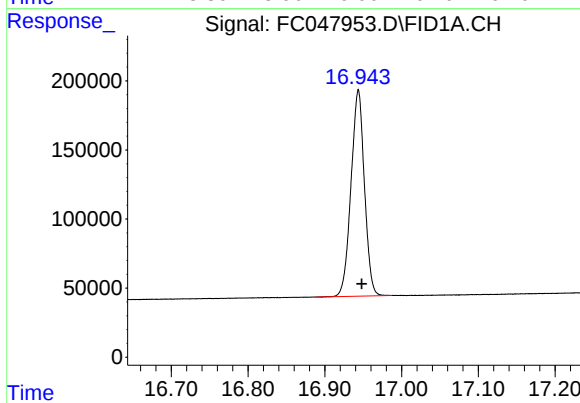
#14 n-Tetracosane (C24)

R.T.: 14.985 min
Delta R.T.: -0.006 min
Response: 1912597
Conc: 16.64 ug/ml



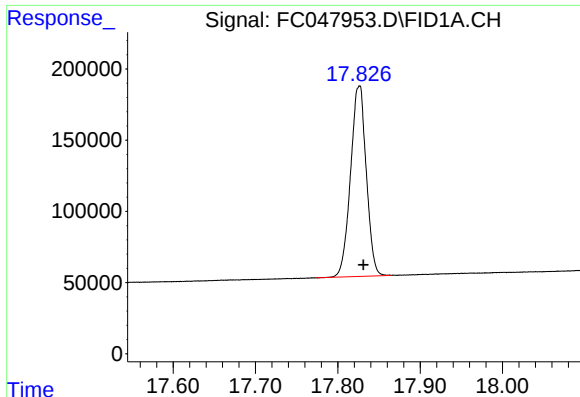
#15 n-Hexacosane (C26)

R.T.: 16.000 min
Delta R.T.: -0.005 min
Response: 1841506
Conc: 16.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.944 min
Delta R.T.: -0.005 min
Response: 1811947
Conc: 15.94 ug/ml



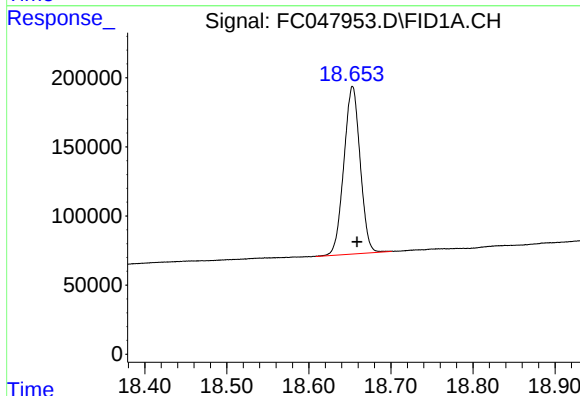
#17 n-Tricontane (C30)

R.T.: 17.826 min
Delta R.T.: -0.005 min
Response: 1773970
Conc: 16.19 ug/ml

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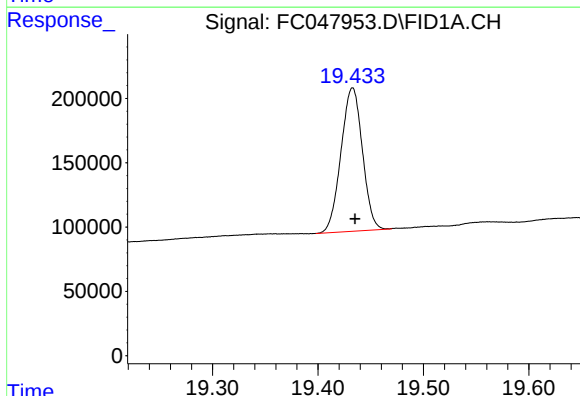
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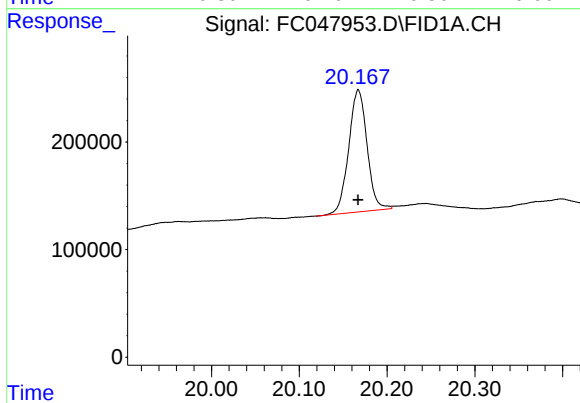
#18 n-Dotriacontane (C32)

R.T.: 18.653 min
Delta R.T.: -0.006 min
Response: 1674270
Conc: 16.89 ug/ml m



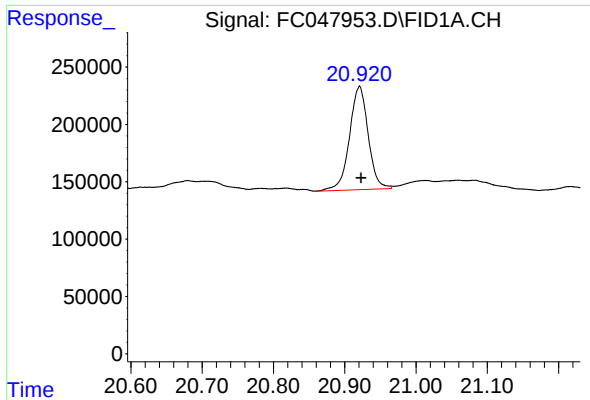
#19 n-Tetratriacontane (C34)

R.T.: 19.433 min
Delta R.T.: -0.002 min
Response: 1576298
Conc: 17.21 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.167 min
Delta R.T.: 0.000 min
Response: 1648355
Conc: 19.22 ug/ml m



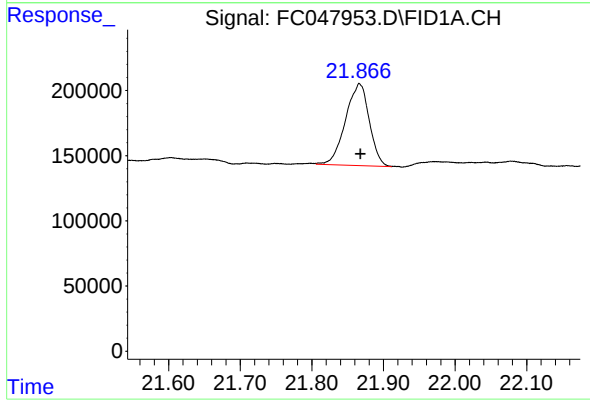
#21 n-Octatriacontane (C38)

R.T.: 20.920 min
Delta R.T.: -0.002 min
Response: 1644129
Conc: 20.65 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.866 min
Delta R.T.: -0.002 min
Response: 1445281
Conc: 18.28 ug/ml m