

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082620AL\
 Data File : FC049253.D
 Signal(s) : FID1A.CH
 Acq On : 27 Aug 2020 1:58
 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
 8/27/2020 9:51:49 AM

Integration File: autoint1.e
 Quant Time: Aug 27 04:28:20 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 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)	11.678	2346699	19.751 ug/ml
Spiked Amount 50.000		Recovery =	39.50%
12) S 1-chlorooctadecane (S...	13.111	1895834	19.488 ug/ml
Spiked Amount 50.000		Recovery =	38.98%
Target Compounds			
1) T n-Nonane (C9)	3.407	2108755	20.218 ug/ml
2) T n-Decane (C10)	4.483	2155233	20.548 ug/ml
3) T A~Naphthalene (C11.7)	6.083	2451914	20.732 ug/ml
4) T n-Dodecane (C12)	6.510	2220216	20.932 ug/ml
5) T A~2-methylnaphthalene...	7.143	2517475	20.880 ug/ml
6) T n-Tetradecane (C14)	8.309	2221626	21.097 ug/ml
7) T n-Hexadecane (C16)	9.911	2192212	20.885 ug/ml
8) T n-Octadecane (C18)	11.354	2260322	20.575 ug/ml
10) T n-Eicosane (C20)	12.665	2229896	20.038 ug/ml
11) T n-Heneicosane (C21)	13.277	2192591	19.628 ug/ml
13) T n-Docosane (C22)	13.863	2162106	19.236 ug/ml
14) T n-Tetracosane (C24)	14.965	2085628	18.345 ug/ml
15) T n-Hexacosane (C26)	15.985	2002901	17.505 ug/ml
16) T n-Octacosane (C28)	16.934	1952336	16.781 ug/ml
17) T n-Tricontane (C30)	17.820	1896689	16.408 ug/ml
18) T n-Dotriacontane (C32)	18.649	1769920	16.369 ug/ml
19) T n-Tetratriacontane (C34)	19.433	1674749	16.147 ug/ml
20) T n-Hexatriacontane (C36)	20.169	1618972	16.283 ug/mlm
21) T n-Octatriacontane (C38)	20.925	1544742	16.336 ug/ml
22) T n-Tetracontane (C40)	21.876	1593017	16.687 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

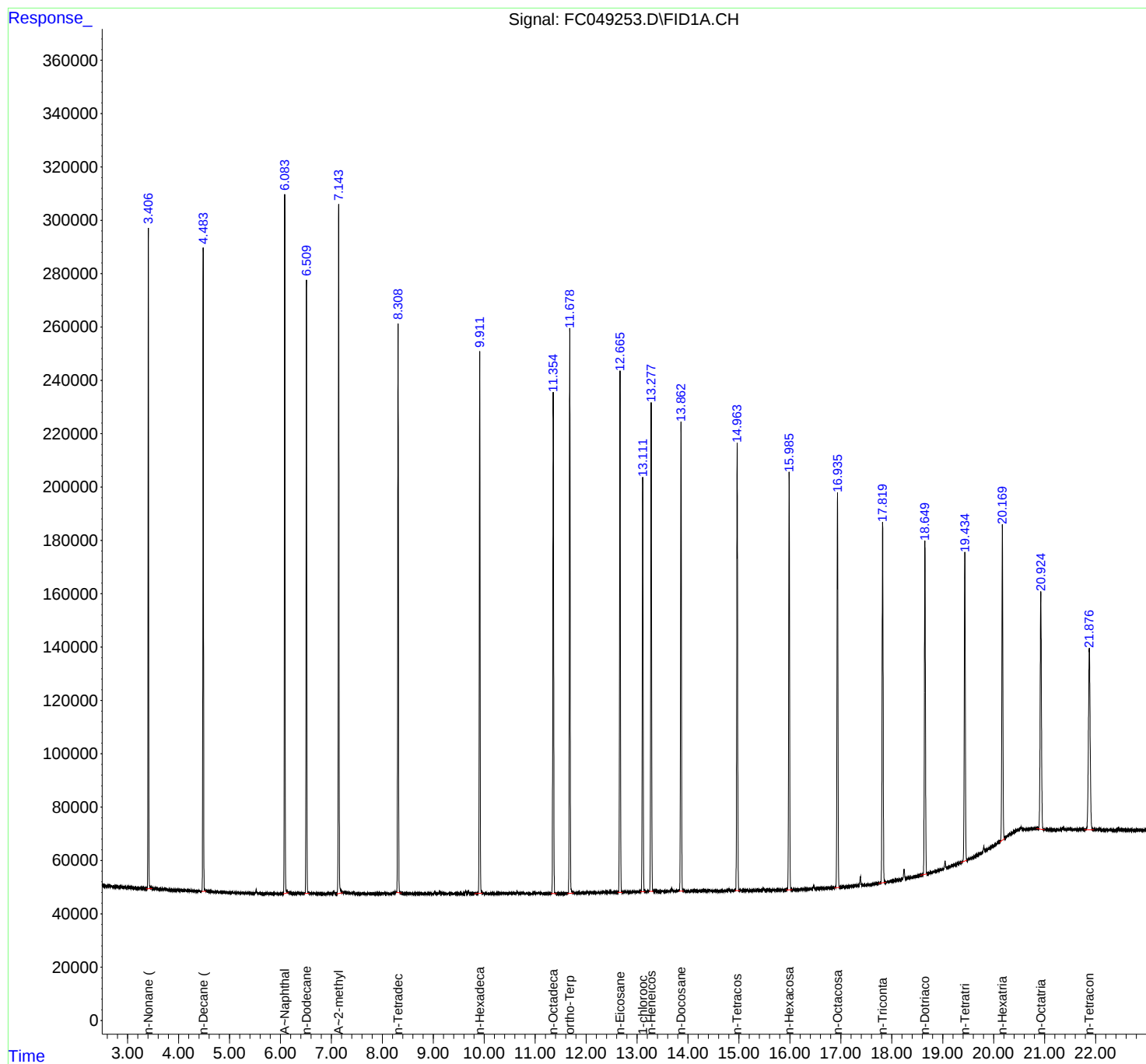
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

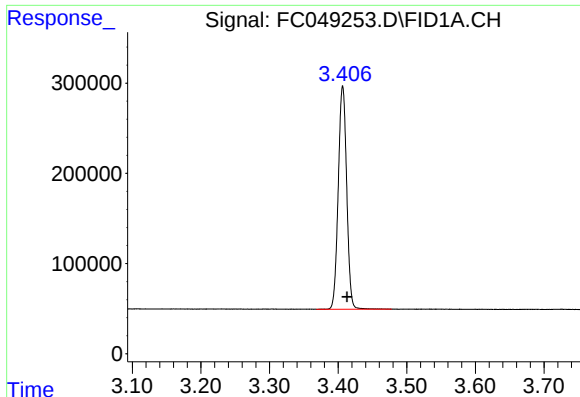
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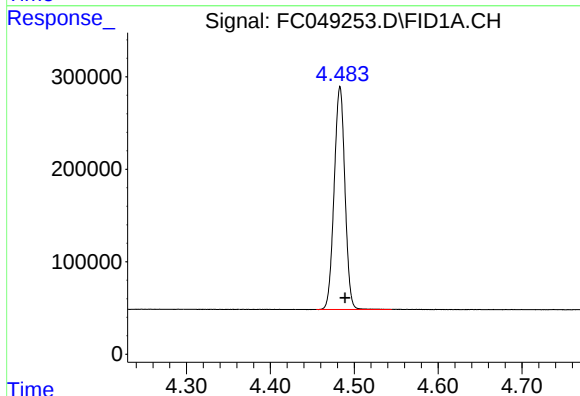
#1 n-Nonane (C9)

R.T.: 3.407 min
Delta R.T.: -0.006 min
Response: 2108755
Conc: 20.22 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

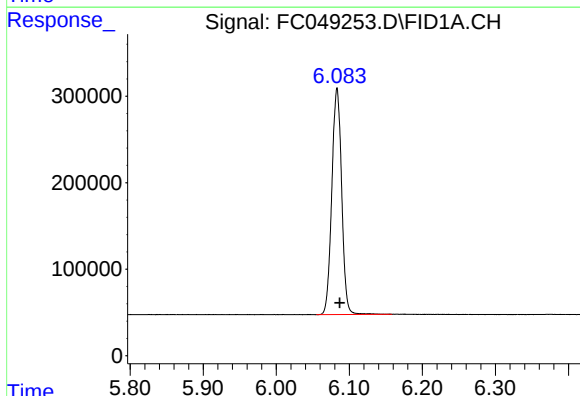
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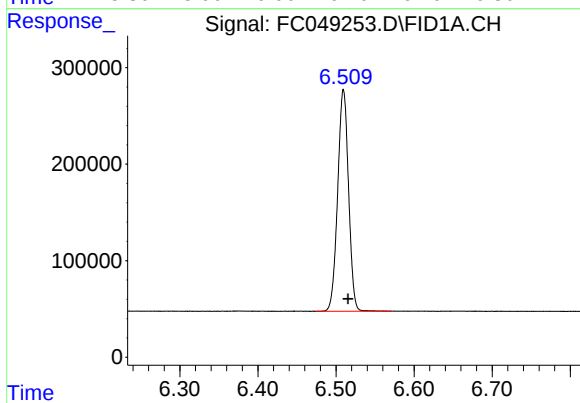
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: -0.006 min
Response: 2155233
Conc: 20.55 ug/ml



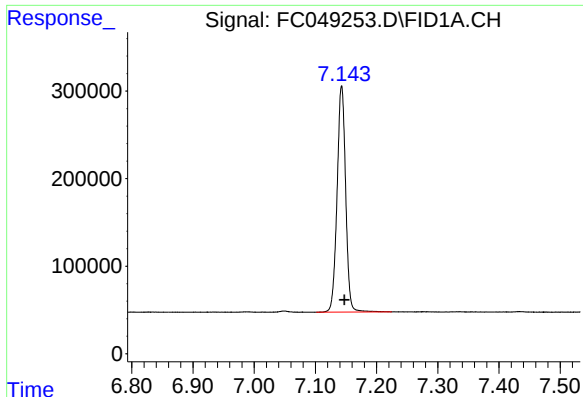
#3 A~Naphthalene (C11.7)

R.T.: 6.083 min
Delta R.T.: -0.004 min
Response: 2451914
Conc: 20.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.510 min
Delta R.T.: -0.006 min
Response: 2220216
Conc: 20.93 ug/ml



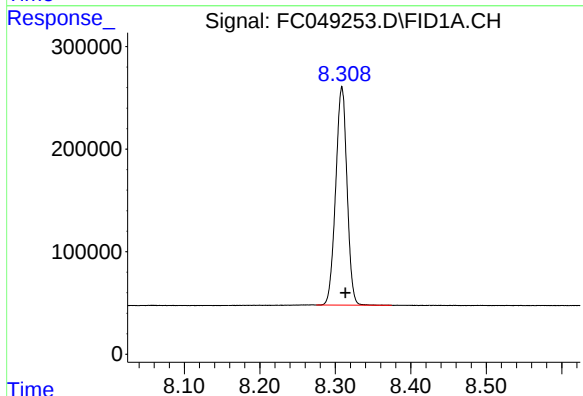
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.143 min
Delta R.T.: -0.004 min
Response: 2517475
Conc: 20.88 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

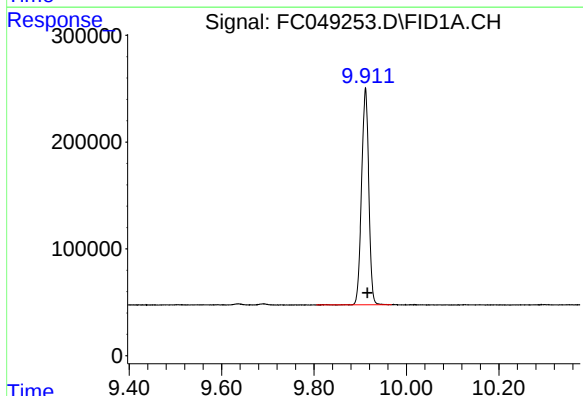
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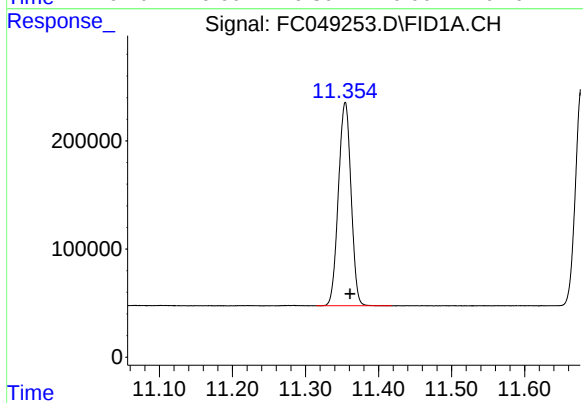
#6 n-Tetradecane (C14)

R.T.: 8.309 min
Delta R.T.: -0.005 min
Response: 2221626
Conc: 21.10 ug/ml



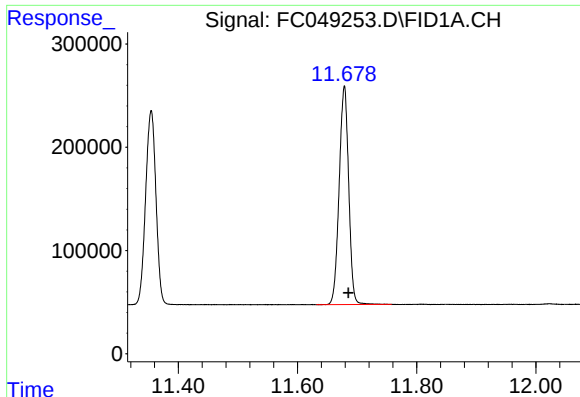
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: -0.004 min
Response: 2192212
Conc: 20.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.354 min
Delta R.T.: -0.007 min
Response: 2260322
Conc: 20.57 ug/ml



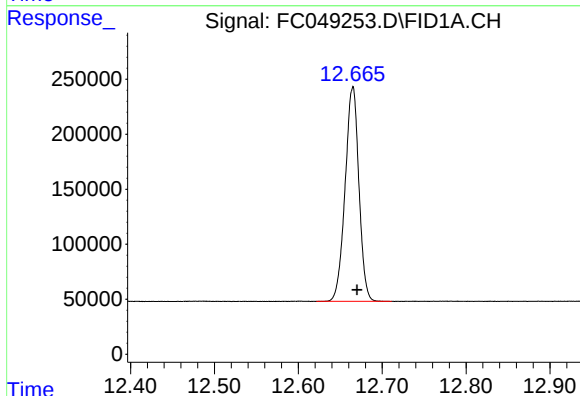
#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: -0.007 min
Response: 2346699
Conc: 19.75 ug/ml

Instrument :
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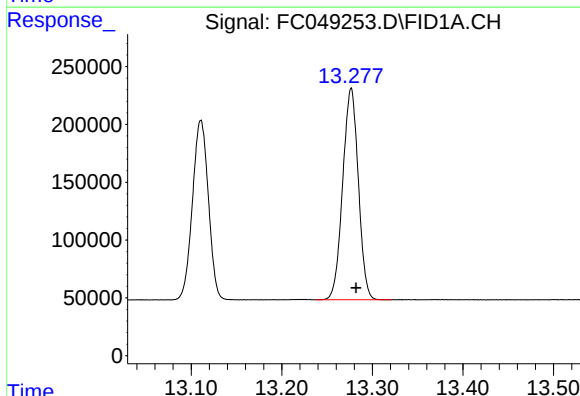
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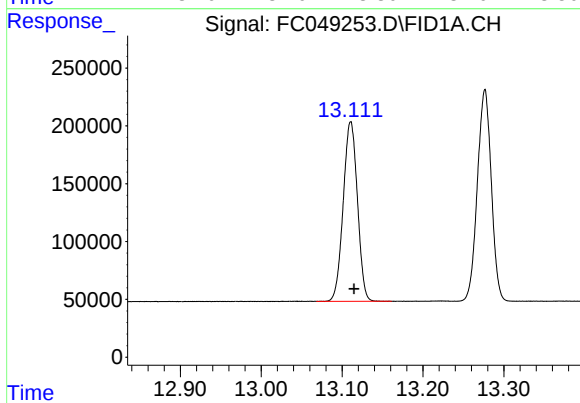
#10 n-Eicosane (C20)

R.T.: 12.665 min
Delta R.T.: -0.005 min
Response: 2229896
Conc: 20.04 ug/ml



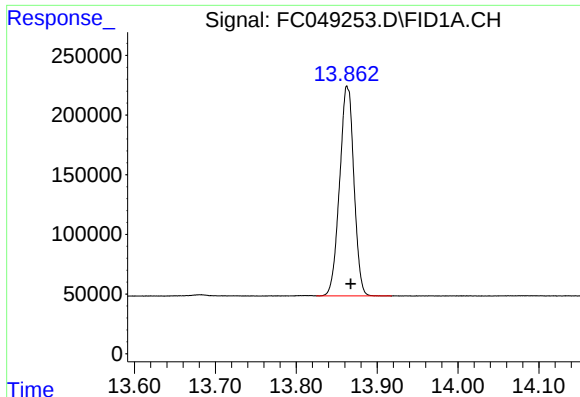
#11 n-Heneicosane (C21)

R.T.: 13.277 min
Delta R.T.: -0.005 min
Response: 2192591
Conc: 19.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.111 min
Delta R.T.: -0.004 min
Response: 1895834
Conc: 19.49 ug/ml



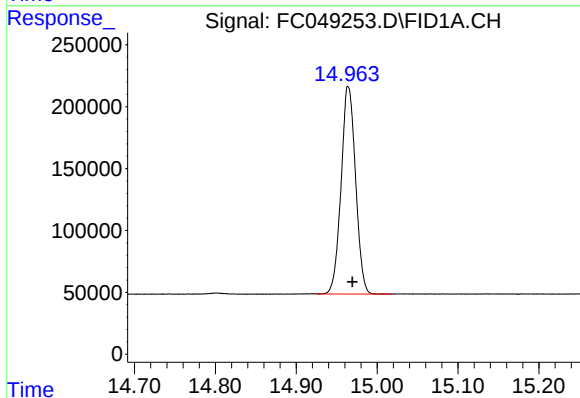
#13 n-Docosane (C22)

R.T.: 13.863 min
Delta R.T.: -0.004 min
Response: 2162106
Conc: 19.24 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

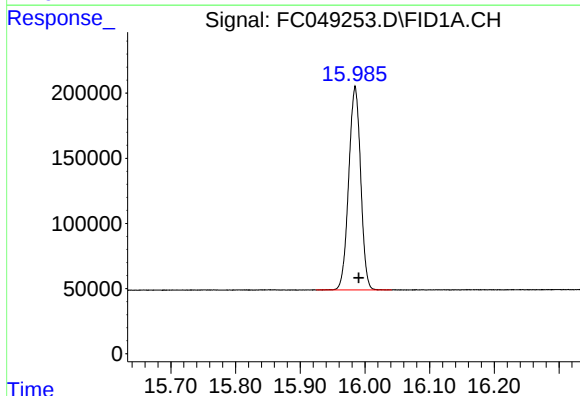
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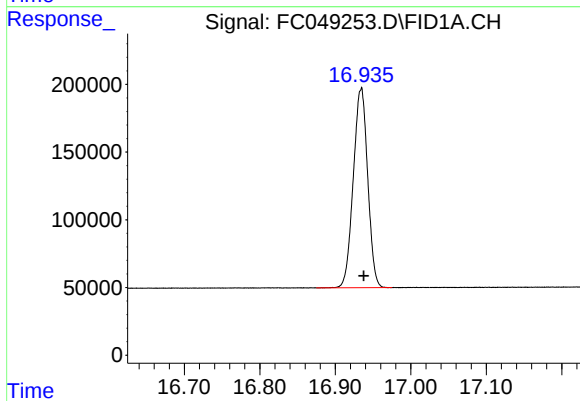
#14 n-Tetracosane (C24)

R.T.: 14.965 min
Delta R.T.: -0.005 min
Response: 2085628
Conc: 18.35 ug/ml



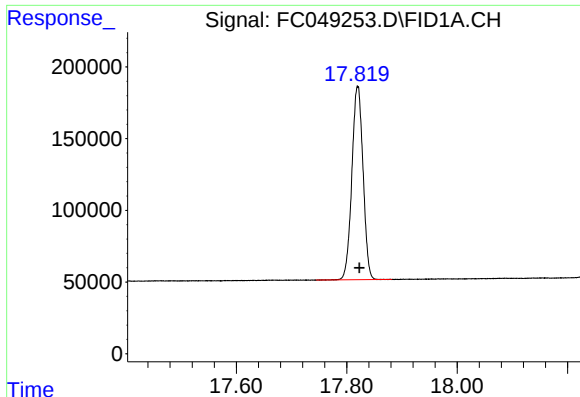
#15 n-Hexacosane (C26)

R.T.: 15.985 min
Delta R.T.: -0.006 min
Response: 2002901
Conc: 17.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.934 min
Delta R.T.: -0.003 min
Response: 1952336
Conc: 16.78 ug/ml



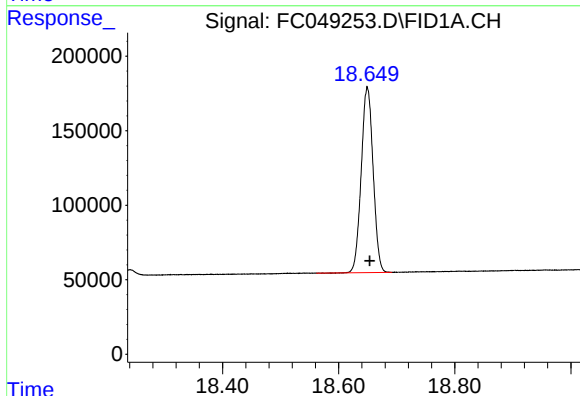
#17 n-Tricontane (C30)

R.T.: 17.820 min
Delta R.T.: -0.003 min
Response: 1896689
Conc: 16.41 ug/ml

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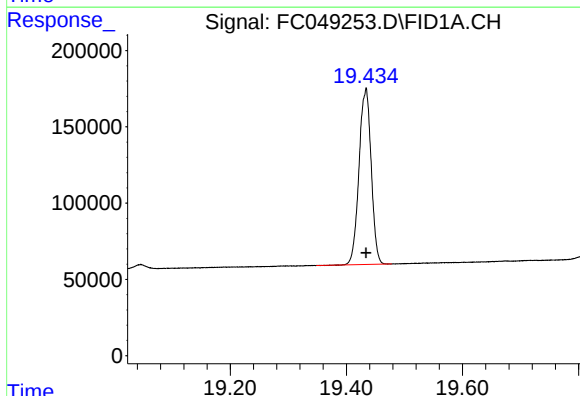
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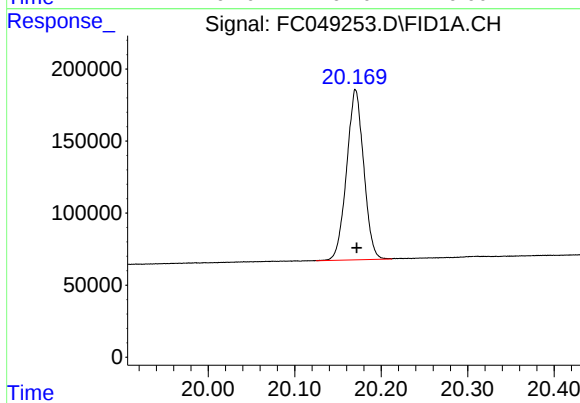
#18 n-Dotriacontane (C32)

R.T.: 18.649 min
Delta R.T.: -0.004 min
Response: 1769920
Conc: 16.37 ug/ml



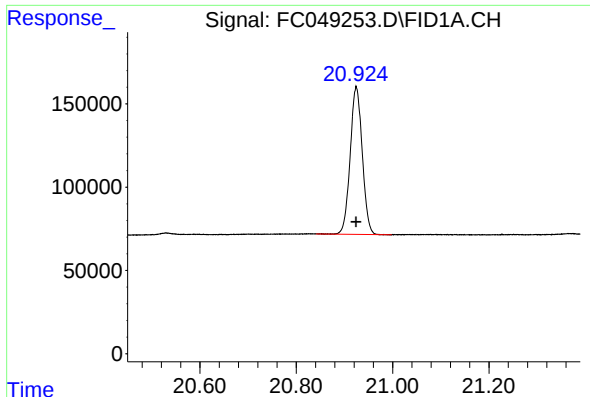
#19 n-Tetratriacontane (C34)

R.T.: 19.433 min
Delta R.T.: -0.001 min
Response: 1674749
Conc: 16.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.169 min
Delta R.T.: -0.002 min
Response: 1618972
Conc: 16.28 ug/ml m



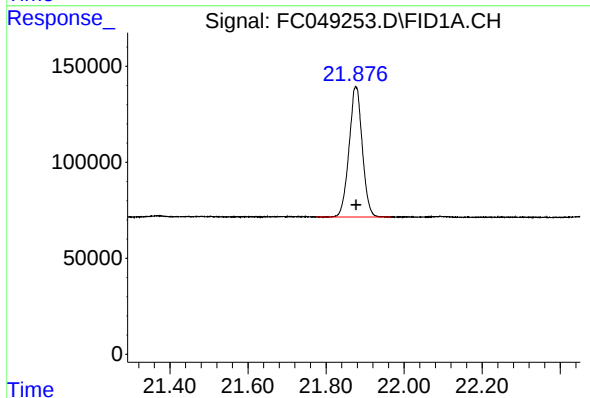
#21 n-Octatriacontane (C38)

R.T.: 20.925 min
Delta R.T.: 0.000 min
Response: 1544742
Conc: 16.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.876 min
Delta R.T.: 0.000 min
Response: 1593017
Conc: 16.69 ug/ml