

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101221AL\
 Data File : FC056153.D
 Signal(s) : FID1A.CH
 Acq On : 13 Oct 2021 6:13
 Operator : AJ\MA
 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

mohammad
 10/13/2021 1:24:55 PM

Integration File: sample.E
 Quant Time: Oct 13 07:43:09 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 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)	11.635	1899113	16.005 ug/ml
Spiked Amount 50.000		Recovery =	32.01%
12) S 1-chlorooctadecane (S...	13.066	1468367	15.983 ug/ml
Spiked Amount 50.000		Recovery =	31.97%
Target Compounds			
1) T n-Nonane (C9)	3.386	2013044	18.864 ug/ml
2) T n-Decane (C10)	4.456	1994685	18.660 ug/ml
3) T A~Naphthalene (C11.7)	6.051	2144065	17.820 ug/ml
4) T n-Dodecane (C12)	6.477	1962897	18.085 ug/ml
5) T A~2-methylnaphthalene...	7.108	2134764	17.574 ug/mlm
6) T n-Tetradecane (C14)	8.272	1912467	17.286 ug/ml
7) T n-Hexadecane (C16)	9.872	1857007	16.776 ug/ml
8) T n-Octadecane (C18)	11.312	1835647	16.401 ug/ml
10) T n-Eicosane (C20)	12.620	1770567	16.210 ug/ml
11) T n-Heneicosane (C21)	13.232	1754454	16.137 ug/ml
13) T n-Docosane (C22)	13.818	1726893	16.170 ug/ml
14) T n-Tetracosane (C24)	14.919	1705864	16.313 ug/ml
15) T n-Hexacosane (C26)	15.938	1676793	16.689 ug/ml
16) T n-Octacosane (C28)	16.885	1687483	17.445 ug/ml
17) T n-Tricontane (C30)	17.770	1714148	18.474 ug/mlm
18) T n-Dotriacontane (C32)	18.599	1723078	19.381 ug/ml
19) T n-Tetratriacontane (C34)	19.381	1666850	19.272 ug/ml
20) T n-Hexatriacontane (C36)	20.116	1634542	20.006 ug/mlm
21) T n-Octatriacontane (C38)	20.859	1465940	18.396 ug/mlm
22) T n-Tetracontane (C40)	21.779	1426833	17.800 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\MA
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Misc :
ALS Vial : 2 Sample Multiplier: 1

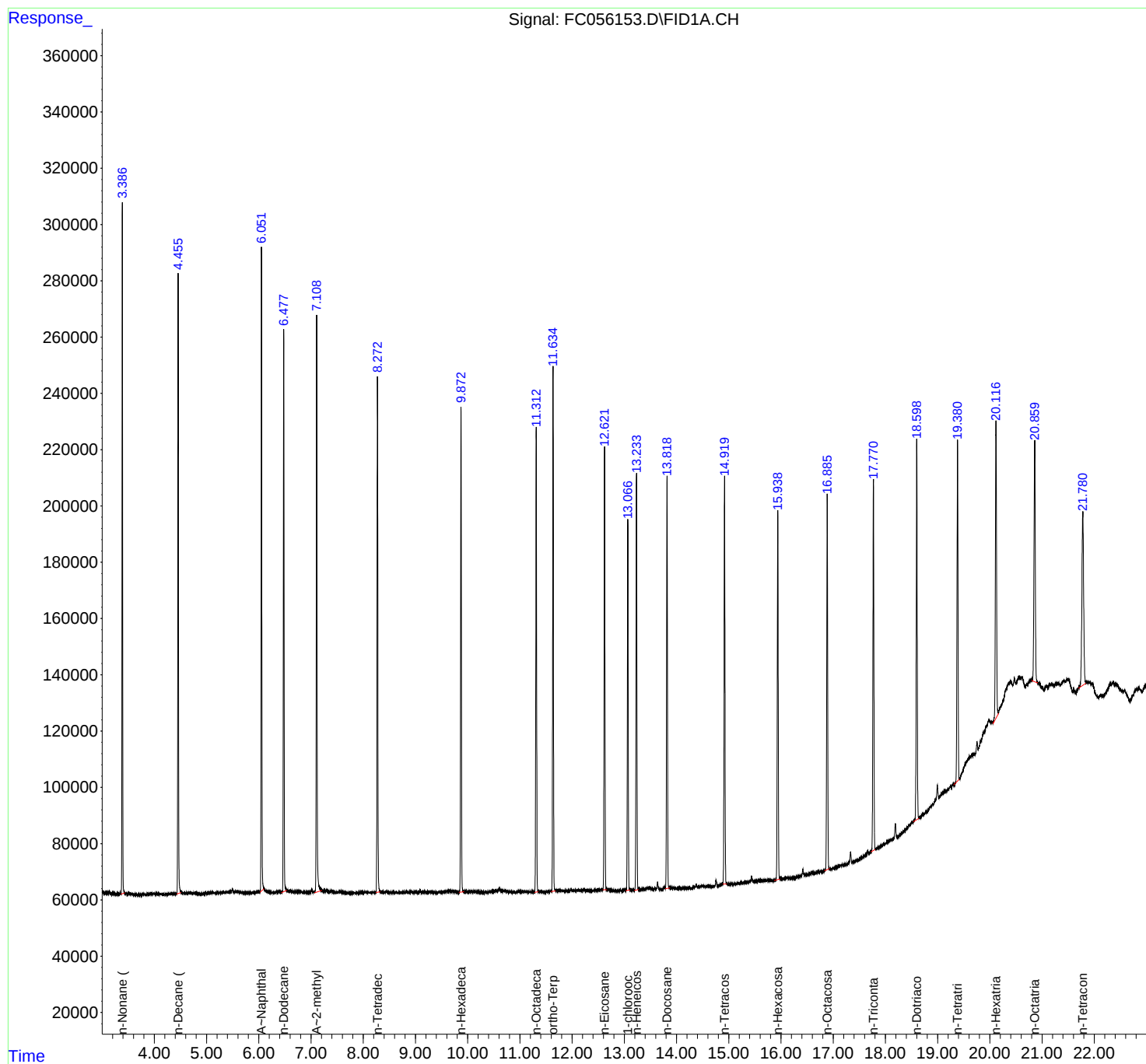
Instrument :
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20 PPM ALIPHATIC HC STD

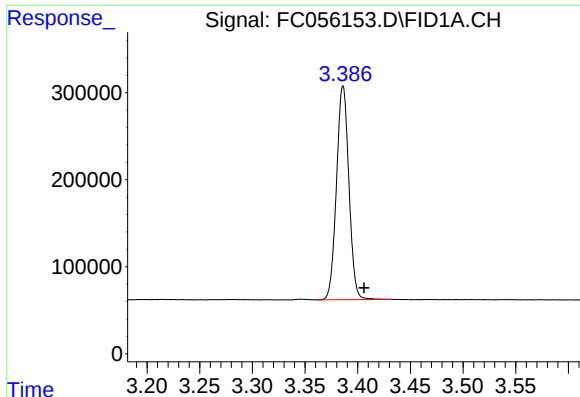
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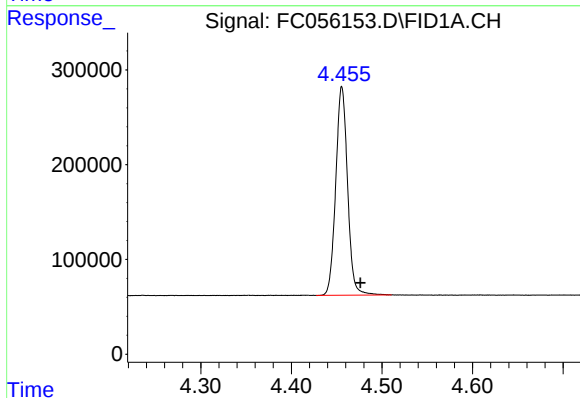
#1 n-Nonane (C9)

R.T.: 3.386 min
Delta R.T.: -0.020 min
Response: 2013044
Conc: 18.86 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

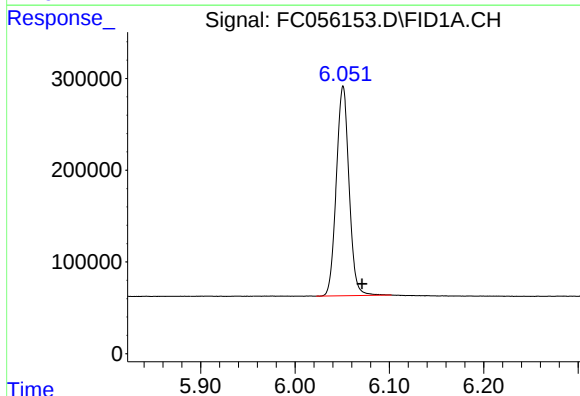
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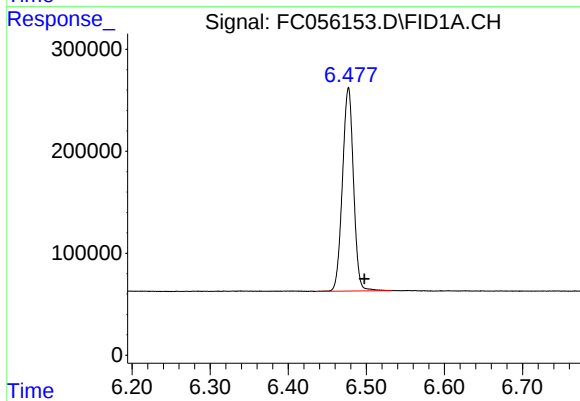
#2 n-Decane (C10)

R.T.: 4.456 min
Delta R.T.: -0.020 min
Response: 1994685
Conc: 18.66 ug/ml



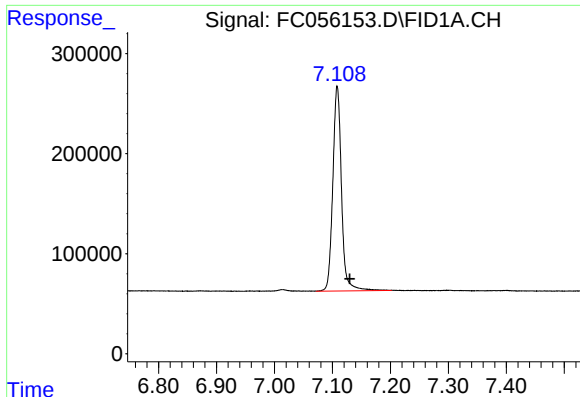
#3 A~Naphthalene (C11.7)

R.T.: 6.051 min
Delta R.T.: -0.020 min
Response: 2144065
Conc: 17.82 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.477 min
Delta R.T.: -0.020 min
Response: 1962897
Conc: 18.08 ug/ml



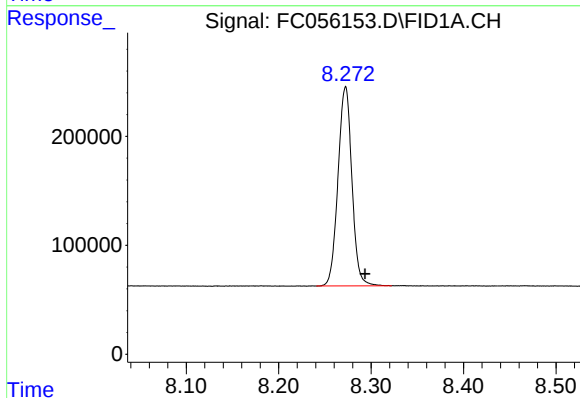
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.108 min
Delta R.T.: -0.023 min
Response: 2134764
Conc: 17.57 ug/ml m

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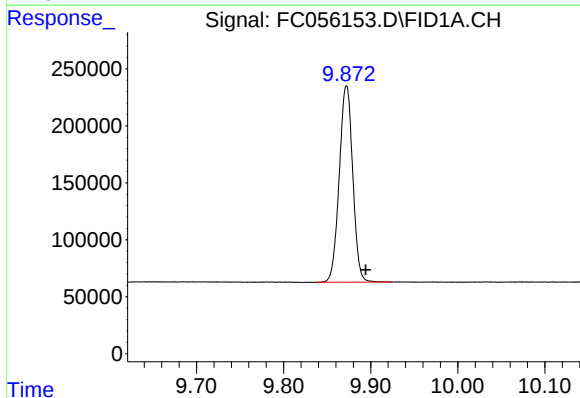
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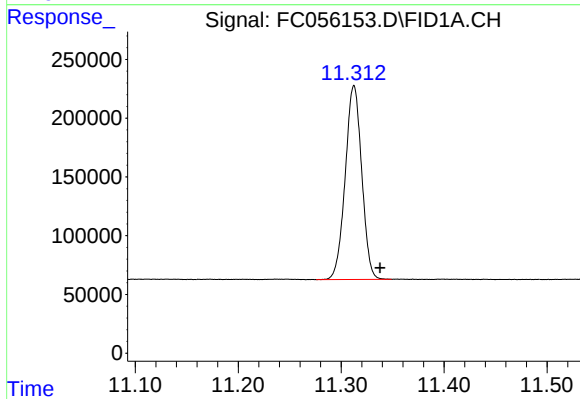
#6 n-Tetradecane (C14)

R.T.: 8.272 min
Delta R.T.: -0.021 min
Response: 1912467
Conc: 17.29 ug/ml



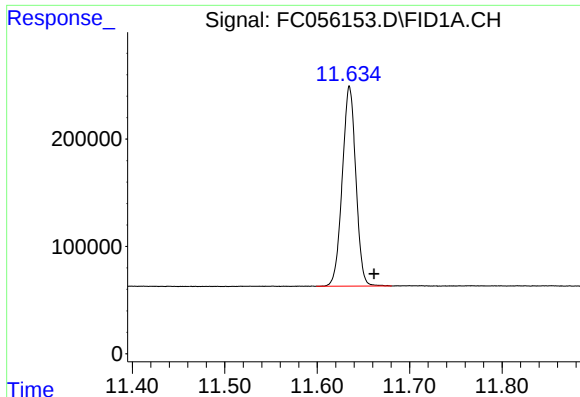
#7 n-Hexadecane (C16)

R.T.: 9.872 min
Delta R.T.: -0.022 min
Response: 1857007
Conc: 16.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.312 min
Delta R.T.: -0.025 min
Response: 1835647
Conc: 16.40 ug/ml



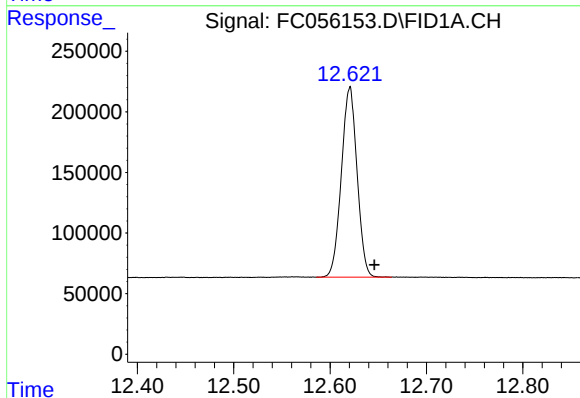
#9 ortho-Terphenyl (SURR)

R.T.: 11.635 min
Delta R.T.: -0.027 min
Response: 1899113
Conc: 16.00 ug/ml

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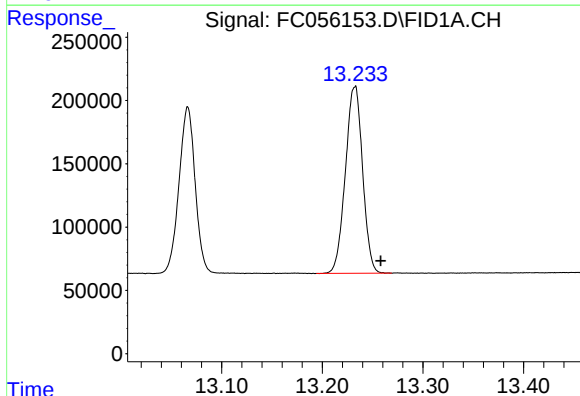
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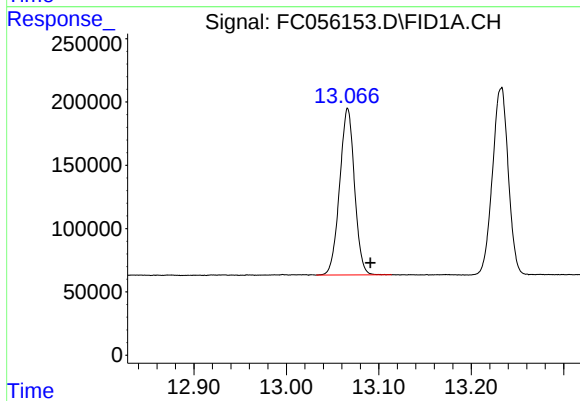
#10 n-Eicosane (C20)

R.T.: 12.620 min
Delta R.T.: -0.026 min
Response: 1770567
Conc: 16.21 ug/ml



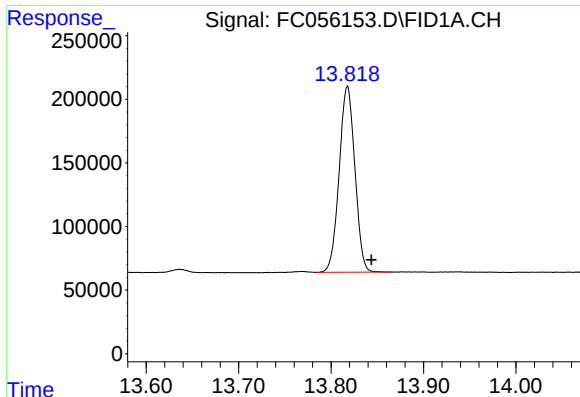
#11 n-Heneicosane (C21)

R.T.: 13.232 min
Delta R.T.: -0.026 min
Response: 1754454
Conc: 16.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.066 min
Delta R.T.: -0.025 min
Response: 1468367
Conc: 15.98 ug/ml



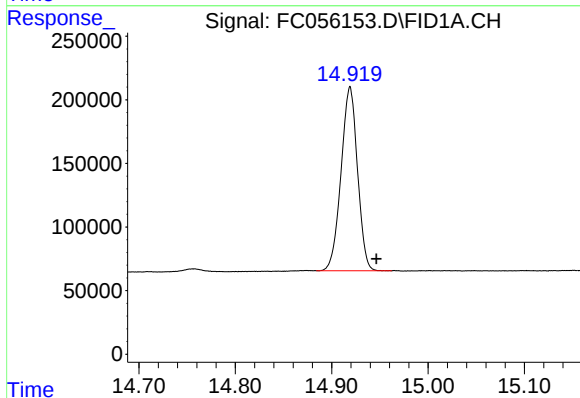
#13 n-Docosane (C22)

R.T.: 13.818 min
Delta R.T.: -0.026 min
Response: 1726893
Conc: 16.17 ug/ml

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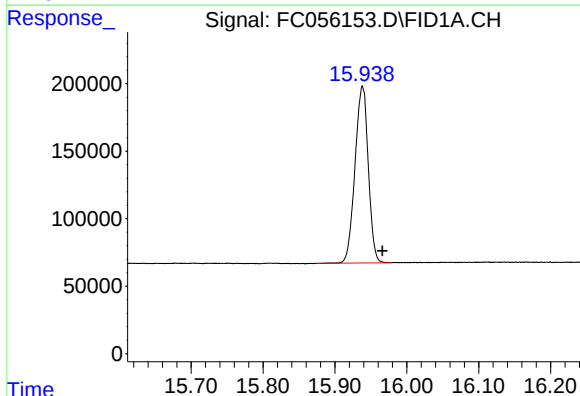
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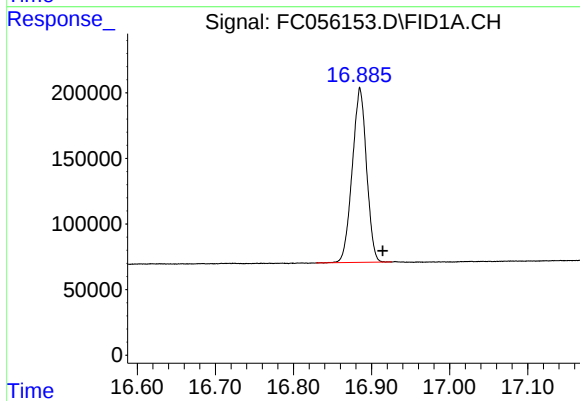
#14 n-Tetracosane (C24)

R.T.: 14.919 min
Delta R.T.: -0.028 min
Response: 1705864
Conc: 16.31 ug/ml



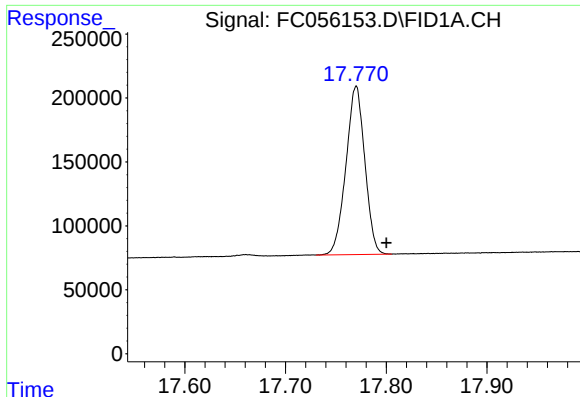
#15 n-Hexacosane (C26)

R.T.: 15.938 min
Delta R.T.: -0.028 min
Response: 1676793
Conc: 16.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.885 min
Delta R.T.: -0.029 min
Response: 1687483
Conc: 17.45 ug/ml



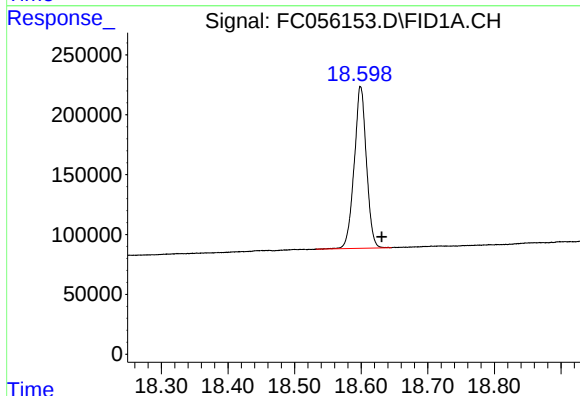
#17 n-Tricontane (C30)

R.T.: 17.770 min
Delta R.T.: -0.030 min
Response: 1714148
Conc: 18.47 ug/ml m

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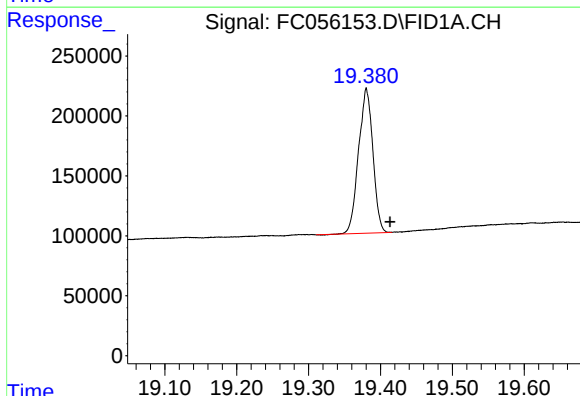
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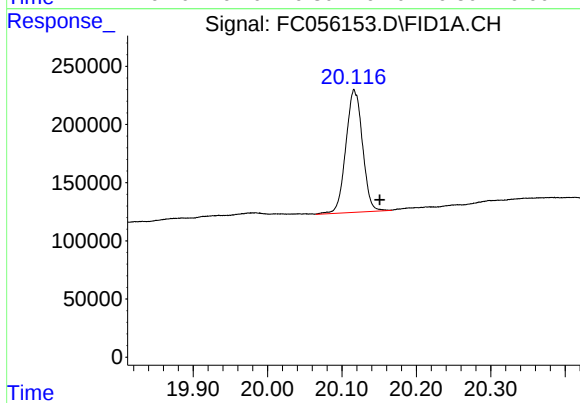
#18 n-Dotriacontane (C32)

R.T.: 18.599 min
Delta R.T.: -0.032 min
Response: 1723078
Conc: 19.38 ug/ml



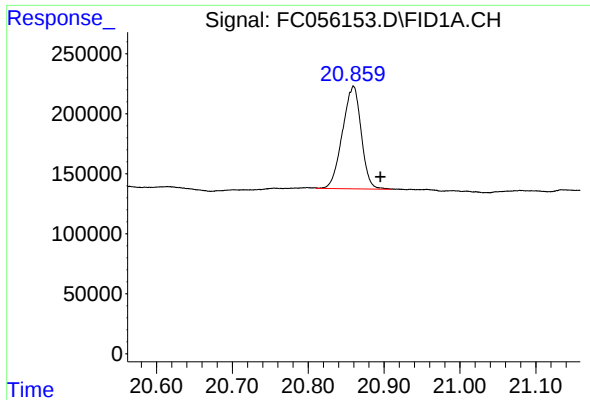
#19 n-Tetratriacontane (C34)

R.T.: 19.381 min
Delta R.T.: -0.033 min
Response: 1666850
Conc: 19.27 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.116 min
Delta R.T.: -0.035 min
Response: 1634542
Conc: 20.01 ug/ml m



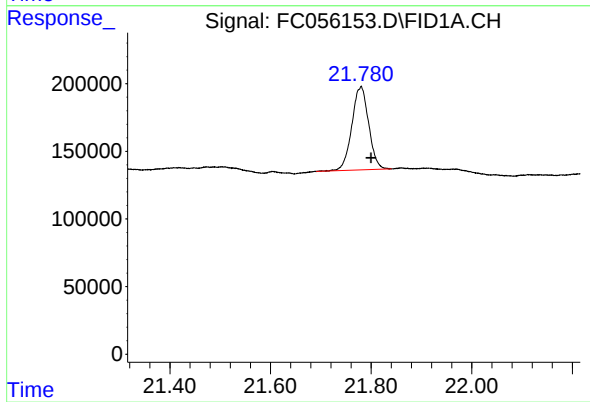
#21 n-Octatriacontane (C38)

R.T.: 20.859 min
Delta R.T.: -0.036 min
Response: 1465940
Conc: 18.40 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.779 min
Delta R.T.: -0.021 min
Response: 1426833
Conc: 17.80 ug/ml