

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082620AL\
 Data File : FC049233.D
 Signal(s) : FID1A.CH
 Acq On : 26 Aug 2020 11:31
 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 9:51:44 AM

Integration File: autoint1.e
 Quant Time: Aug 27 01:35:39 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)	11.680	2307521	19.421 ug/ml
Spiked Amount 50.000		Recovery =	38.84%
12) S 1-chlorooctadecane (S...	13.112	1866303	19.185 ug/ml
Spiked Amount 50.000		Recovery =	38.37%
Target Compounds			
1) T n-Nonane (C9)	3.407	2083217	19.974 ug/ml
2) T n-Decane (C10)	4.483	2129918	20.307 ug/ml
3) T A~Naphthalene (C11.7)	6.084	2422766	20.486 ug/ml
4) T n-Dodecane (C12)	6.510	2199962	20.741 ug/ml
5) T A~2-methylnaphthalene...	7.144	2492535	20.673 ug/ml
6) T n-Tetradecane (C14)	8.309	2233534	21.210 ug/ml
7) T n-Hexadecane (C16)	9.913	2172124	20.694 ug/ml
8) T n-Octadecane (C18)	11.356	2231437	20.312 ug/ml
10) T n-Eicosane (C20)	12.666	2196075	19.734 ug/ml
11) T n-Heneicosane (C21)	13.278	2159788	19.334 ug/ml
13) T n-Docosane (C22)	13.865	2123235	18.890 ug/ml
14) T n-Tetracosane (C24)	14.968	2043724	17.977 ug/ml
15) T n-Hexacosane (C26)	15.988	1960946	17.138 ug/ml
16) T n-Octacosane (C28)	16.935	1914950	16.460 ug/ml
17) T n-Tricontane (C30)	17.822	1853404	16.033 ug/ml
18) T n-Dotriacontane (C32)	18.654	1707257	15.790 ug/ml
19) T n-Tetratriacontane (C34)	19.435	1633720	15.752 ug/ml
20) T n-Hexatriacontane (C36)	20.172	1581729	15.908 ug/mlm
21) T n-Octatriacontane (C38)	20.929	1516655	16.039 ug/ml
22) T n-Tetracontane (C40)	21.879	1586039	16.614 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 2 Sample Multiplier: 1

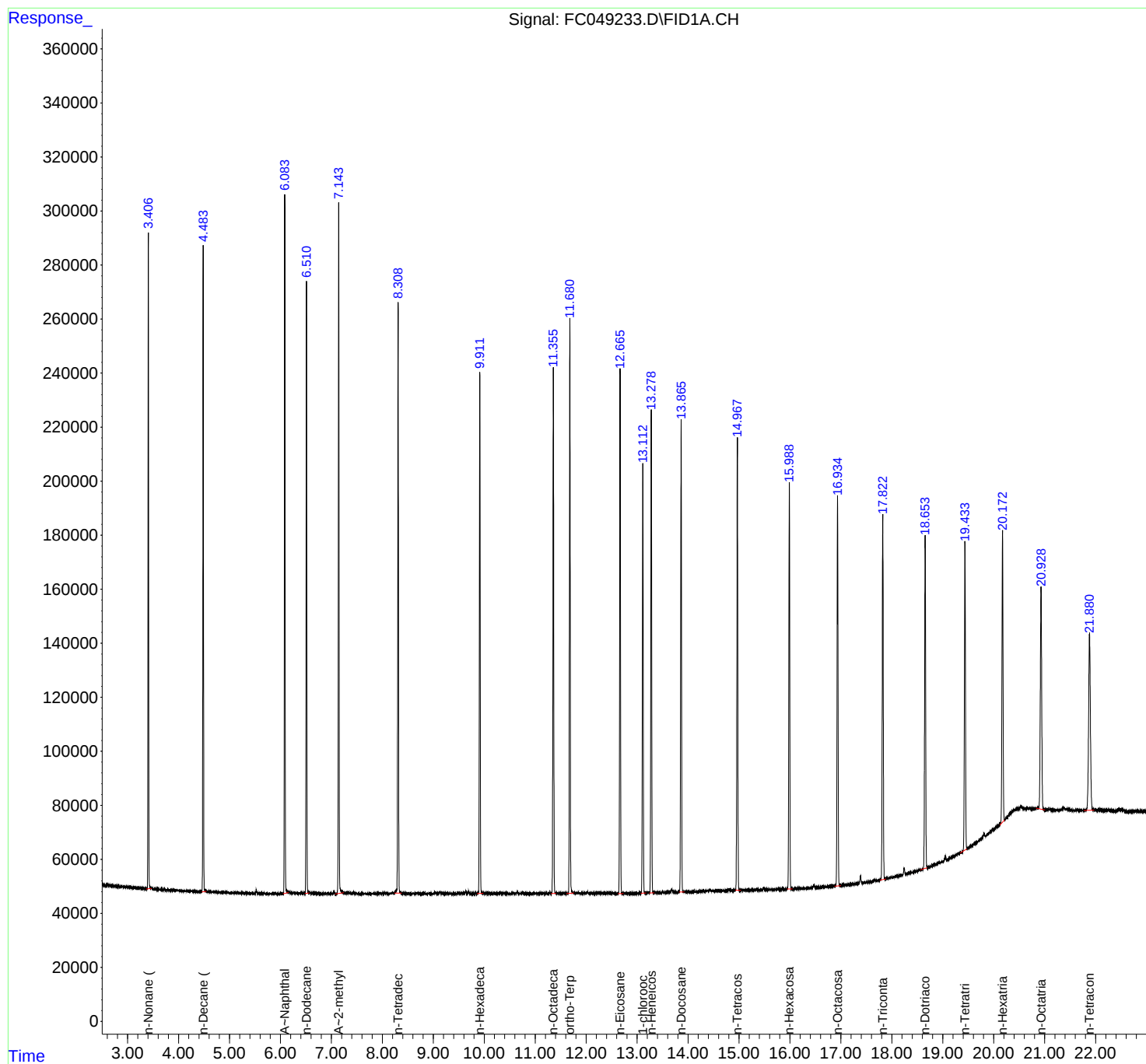
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

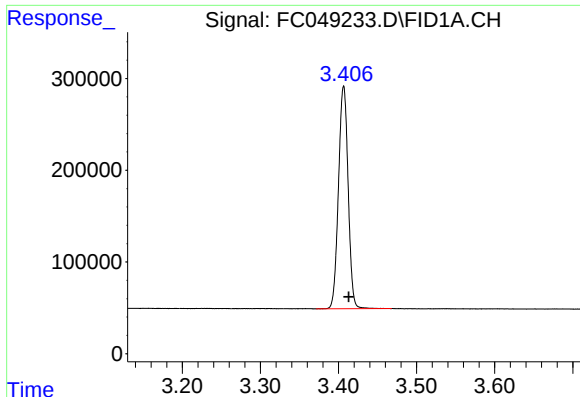
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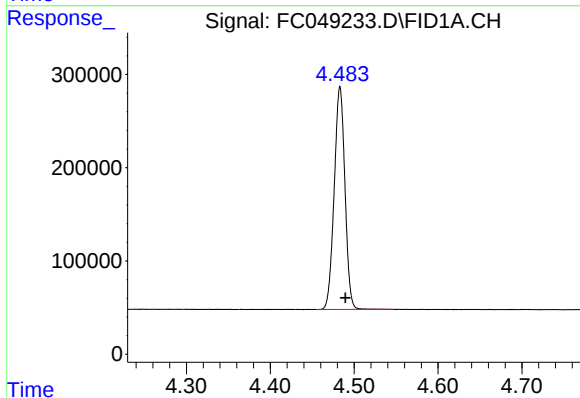
#1 n-Nonane (C9)

R.T.: 3.407 min
Delta R.T.: -0.006 min
Response: 2083217
Conc: 19.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

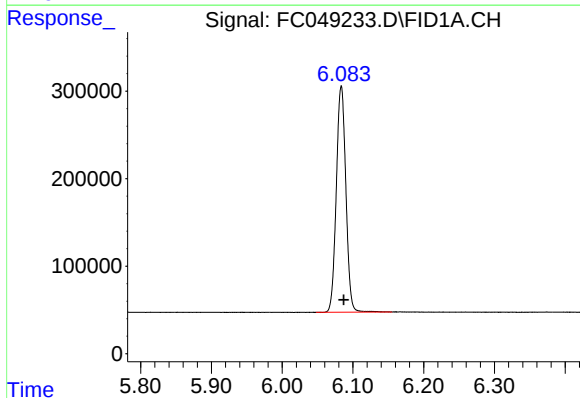
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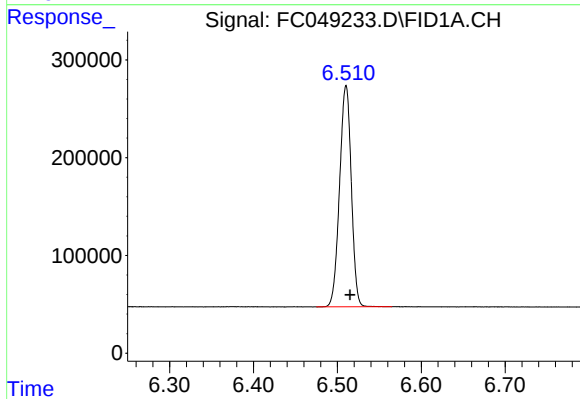
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: -0.006 min
Response: 2129918
Conc: 20.31 ug/ml



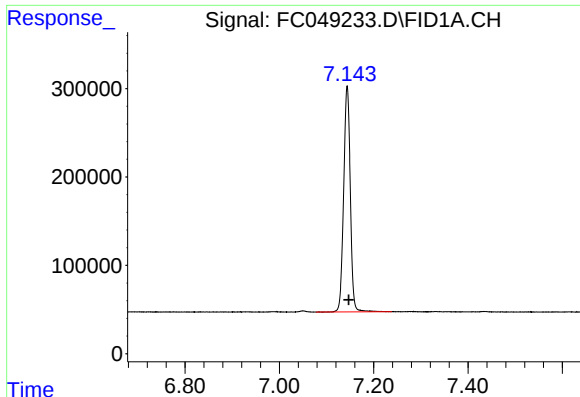
#3 A~Naphthalene (C11.7)

R.T.: 6.084 min
Delta R.T.: -0.003 min
Response: 2422766
Conc: 20.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.510 min
Delta R.T.: -0.005 min
Response: 2199962
Conc: 20.74 ug/ml



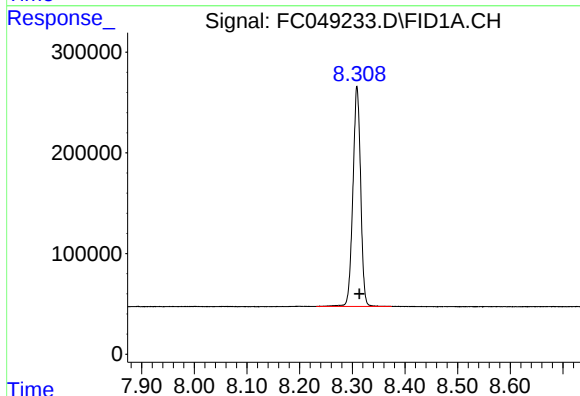
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.144 min
Delta R.T.: -0.003 min
Response: 2492535
Conc: 20.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

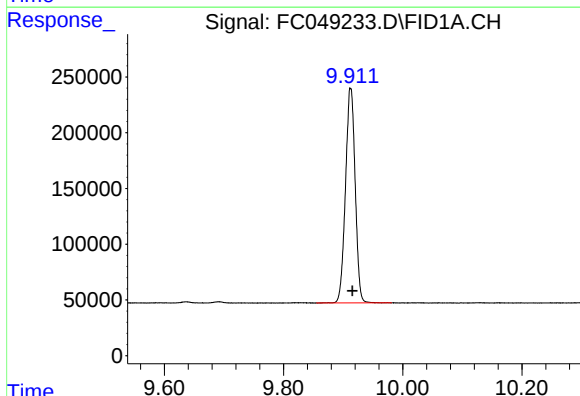
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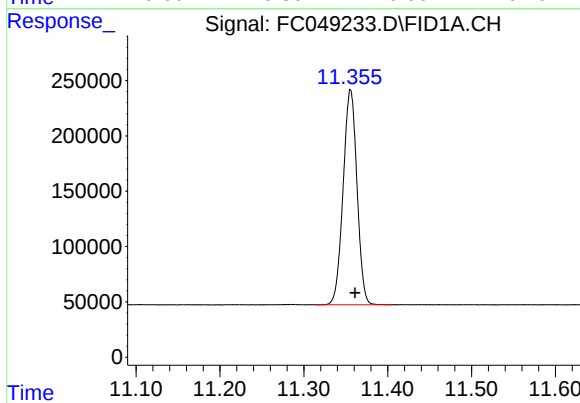
#6 n-Tetradecane (C14)

R.T.: 8.309 min
Delta R.T.: -0.004 min
Response: 2233534
Conc: 21.21 ug/ml



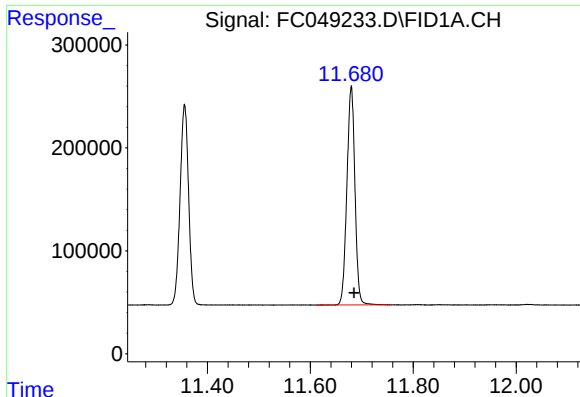
#7 n-Hexadecane (C16)

R.T.: 9.913 min
Delta R.T.: -0.003 min
Response: 2172124
Conc: 20.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.356 min
Delta R.T.: -0.005 min
Response: 2231437
Conc: 20.31 ug/ml



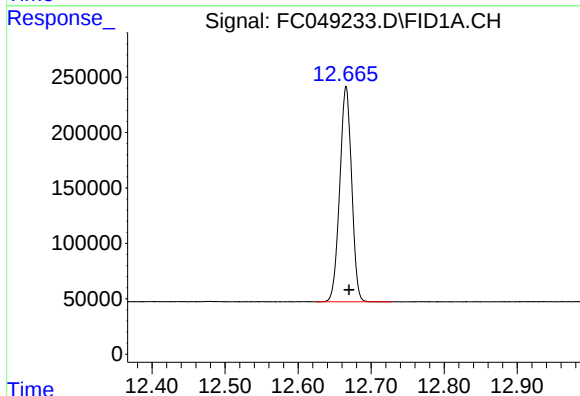
#9 ortho-Terphenyl (SURR)

R.T.: 11.680 min
Delta R.T.: -0.006 min
Response: 2307521
Conc: 19.42 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

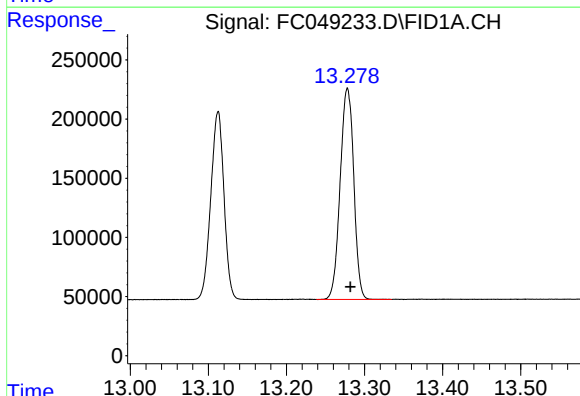
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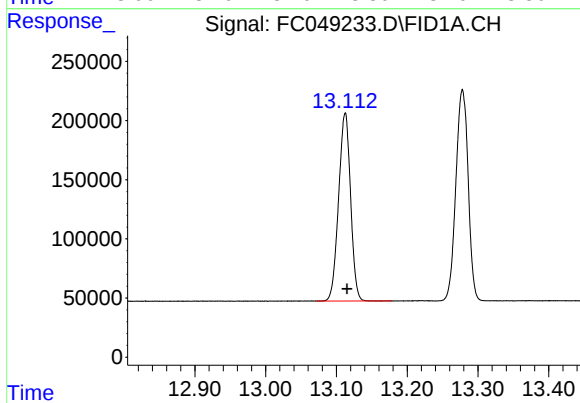
#10 n-Eicosane (C20)

R.T.: 12.666 min
Delta R.T.: -0.004 min
Response: 2196075
Conc: 19.73 ug/ml



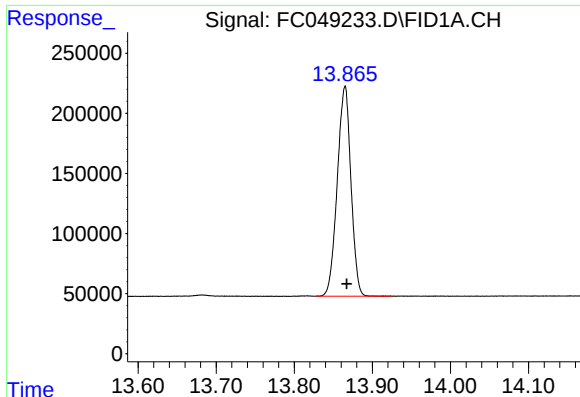
#11 n-Heneicosane (C21)

R.T.: 13.278 min
Delta R.T.: -0.004 min
Response: 2159788
Conc: 19.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.112 min
Delta R.T.: -0.003 min
Response: 1866303
Conc: 19.18 ug/ml



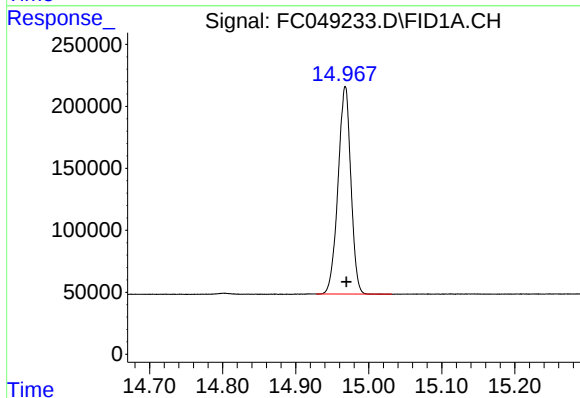
#13 n-Docosane (C22)

R.T.: 13.865 min
Delta R.T.: -0.003 min
Response: 2123235
Conc: 18.89 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

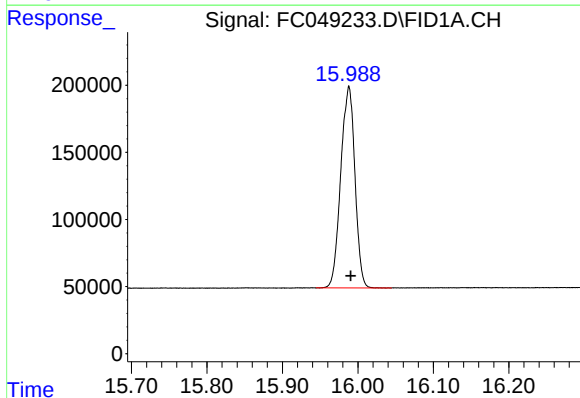
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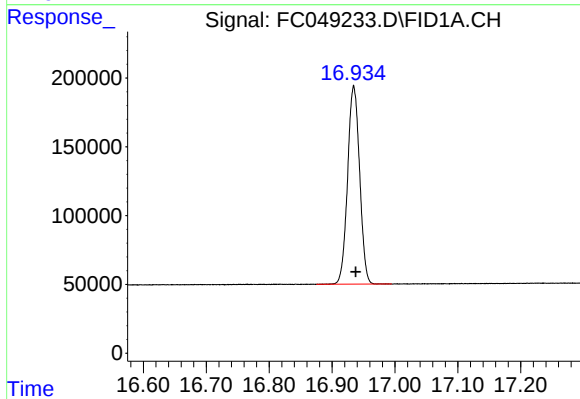
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: -0.002 min
Response: 2043724
Conc: 17.98 ug/ml



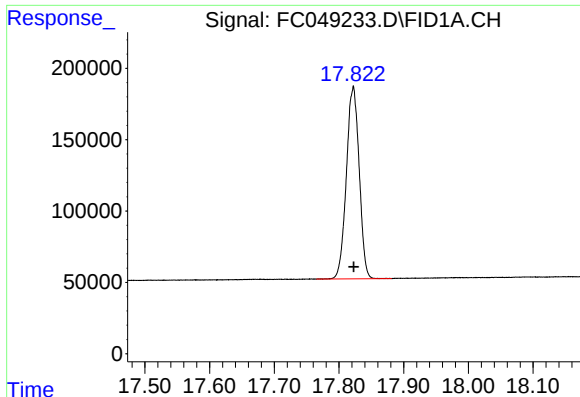
#15 n-Hexacosane (C26)

R.T.: 15.988 min
Delta R.T.: -0.003 min
Response: 1960946
Conc: 17.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.935 min
Delta R.T.: -0.003 min
Response: 1914950
Conc: 16.46 ug/ml



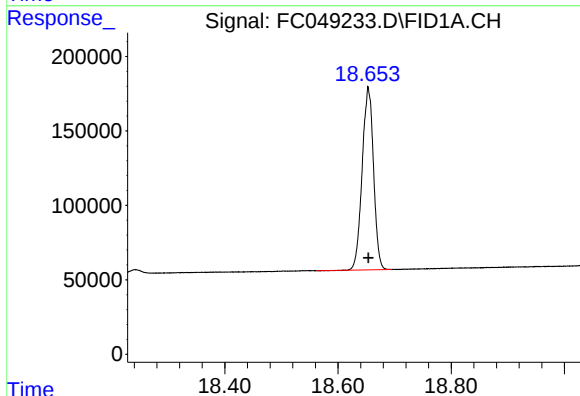
#17 n-Tricontane (C30)

R.T.: 17.822 min
Delta R.T.: -0.001 min
Response: 1853404
Conc: 16.03 ug/ml

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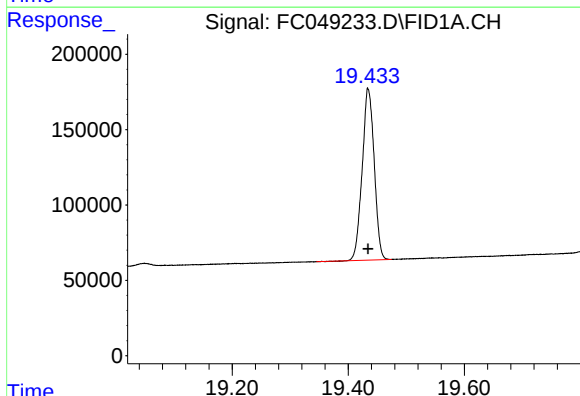
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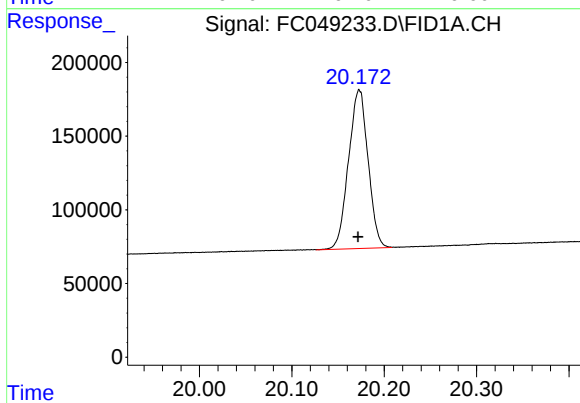
#18 n-Dotriacontane (C32)

R.T.: 18.654 min
Delta R.T.: 0.000 min
Response: 1707257
Conc: 15.79 ug/ml



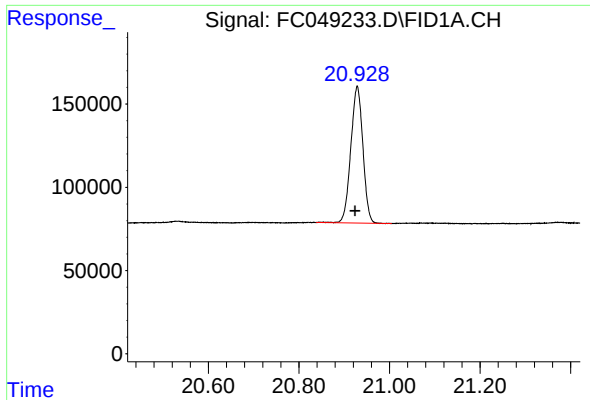
#19 n-Tetratriacontane (C34)

R.T.: 19.435 min
Delta R.T.: 0.000 min
Response: 1633720
Conc: 15.75 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.172 min
Delta R.T.: 0.000 min
Response: 1581729
Conc: 15.91 ug/ml m



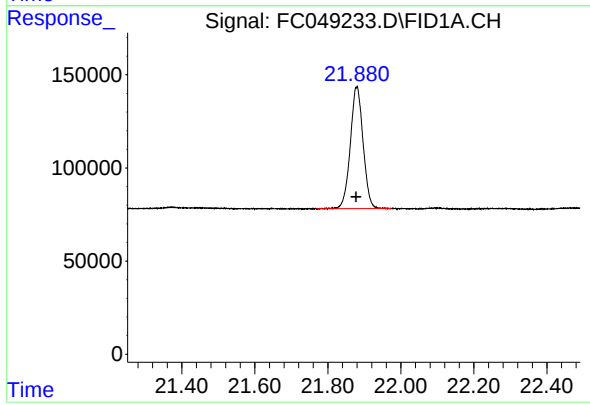
#21 n-Octatriacontane (C38)

R.T.: 20.929 min
Delta R.T.: 0.004 min
Response: 1516655
Conc: 16.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.879 min
Delta R.T.: 0.002 min
Response: 1586039
Conc: 16.61 ug/ml