

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050721AL\
 Data File : FC053565.D
 Signal(s) : FID1A.CH
 Acq On : 07 May 2021 10:19
 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
 5/10/2021 8:54:11 AM

Integration File: autoint1.e
 Quant Time: May 07 12:51:42 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)	11.531	2790333	20.154 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
12) S 1-chlorooctadecane (S...	12.972	2205205	19.772 ug/ml
Spiked Amount 50.000		Recovery =	39.54%
Target Compounds			
1) T n-Nonane (C9)	3.291	2414490	20.442 ug/ml
2) T n-Decane (C10)	4.355	2435672	20.569 ug/ml
3) T A~Naphthalene (C11.7)	5.938	2702877	20.743 ug/ml
4) T n-Dodecane (C12)	6.374	2499302	20.655 ug/ml
5) T A~2-methylnaphthalene...	6.996	2762288	20.893 ug/ml
6) T n-Tetradecane (C14)	8.171	2531087	20.778 ug/ml
7) T n-Hexadecane (C16)	9.773	2516274	20.545 ug/ml
8) T n-Octadecane (C18)	11.217	2644924	20.309 ug/ml
10) T n-Eicosane (C20)	12.528	2656837	20.073 ug/ml
11) T n-Heneicosane (C21)	13.140	2646936	19.930 ug/ml
13) T n-Docosane (C22)	13.726	2623968	19.727 ug/ml
14) T n-Tetracosane (C24)	14.832	2577861	19.312 ug/ml
15) T n-Hexacosane (C26)	15.854	2468321	18.669 ug/ml
16) T n-Octacosane (C28)	16.804	2378295	18.168 ug/ml
17) T n-Tricontane (C30)	17.692	2289671	17.555 ug/ml
18) T n-Dotriacontane (C32)	18.526	2147461	17.019 ug/ml
19) T n-Tetratriacontane (C34)	19.309	2040208	16.745 ug/ml
20) T n-Hexatriacontane (C36)	20.049	1921881	16.438 ug/mlm
21) T n-Octatriacontane (C38)	20.780	1820095	17.693 ug/ml
22) T n-Tetracontane (C40)	21.676	1871142	18.778 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 07 May 2021 10:19
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

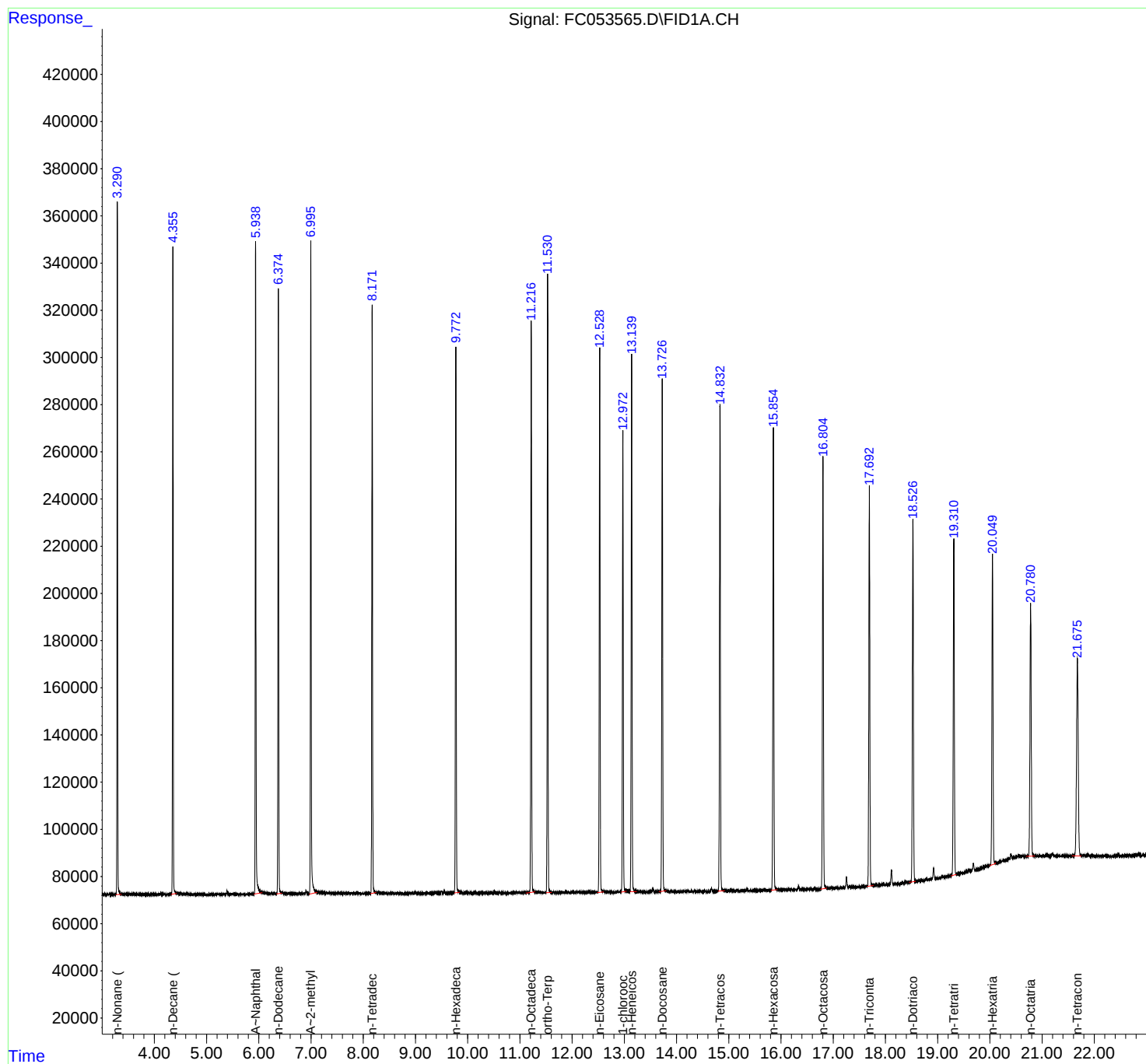
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

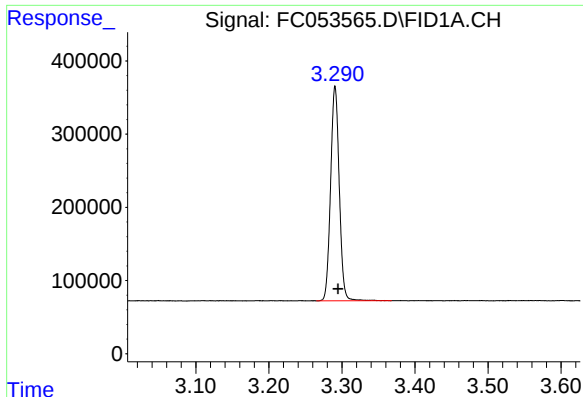
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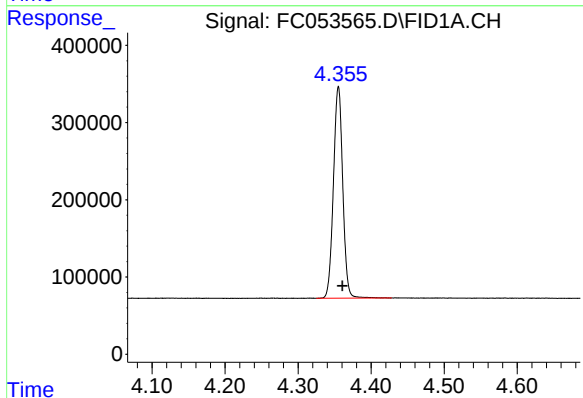
#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: -0.004 min
Response: 2414490
Conc: 20.44 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

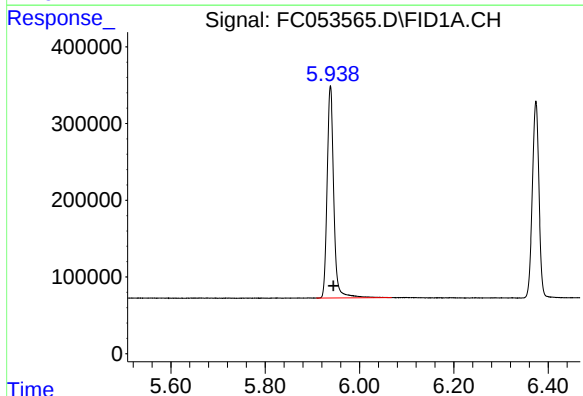
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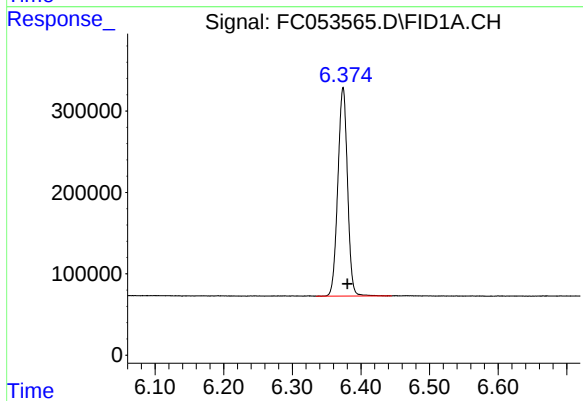
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 2435672
Conc: 20.57 ug/ml



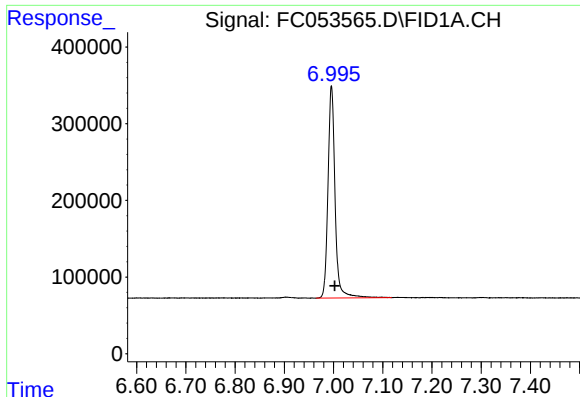
#3 A~Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: -0.006 min
Response: 2702877
Conc: 20.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.374 min
Delta R.T.: -0.006 min
Response: 2499302
Conc: 20.65 ug/ml



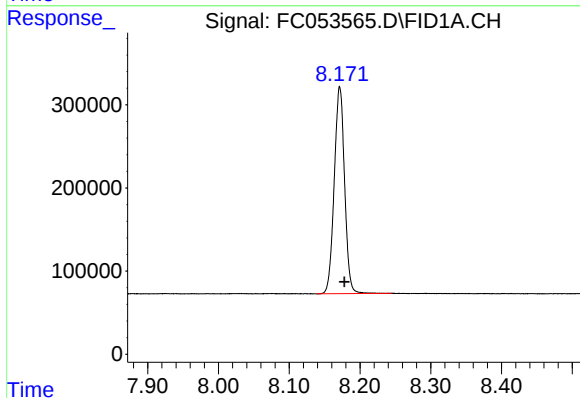
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.996 min
Delta R.T.: -0.007 min
Response: 2762288
Conc: 20.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

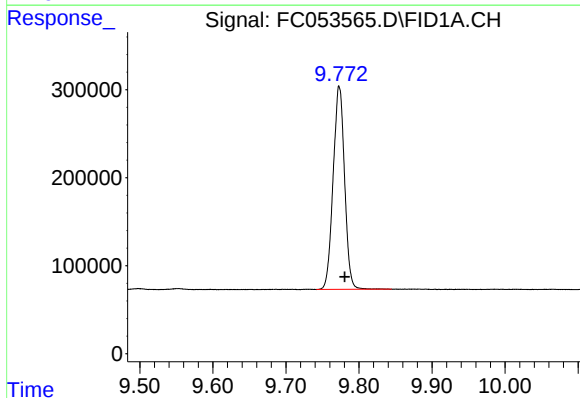
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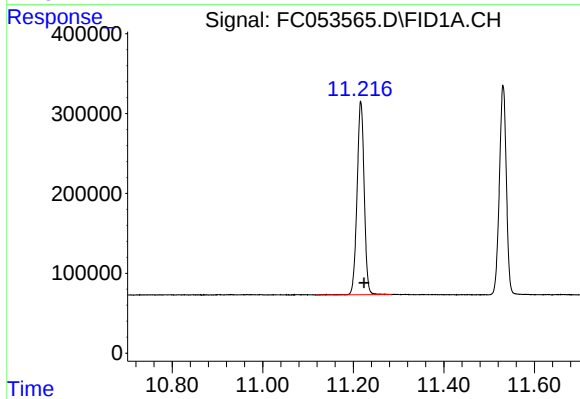
#6 n-Tetradecane (C14)

R.T.: 8.171 min
Delta R.T.: -0.006 min
Response: 2531087
Conc: 20.78 ug/ml



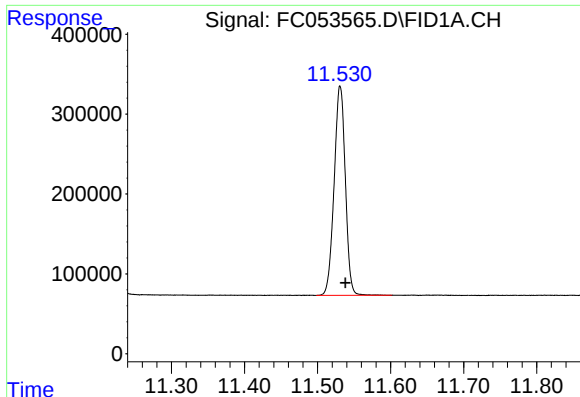
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: -0.007 min
Response: 2516274
Conc: 20.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.217 min
Delta R.T.: -0.007 min
Response: 2644924
Conc: 20.31 ug/ml



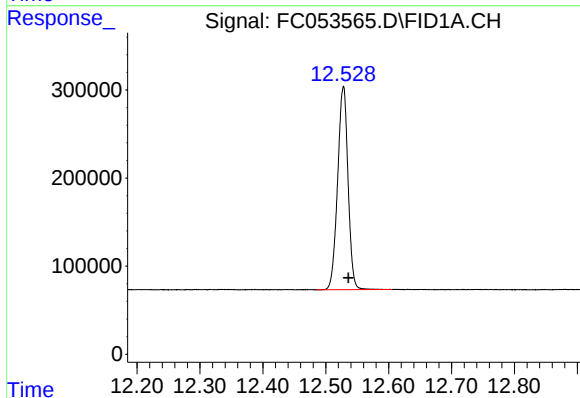
#9 ortho-Terphenyl (SURR)

R.T.: 11.531 min
Delta R.T.: -0.007 min
Response: 2790333
Conc: 20.15 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

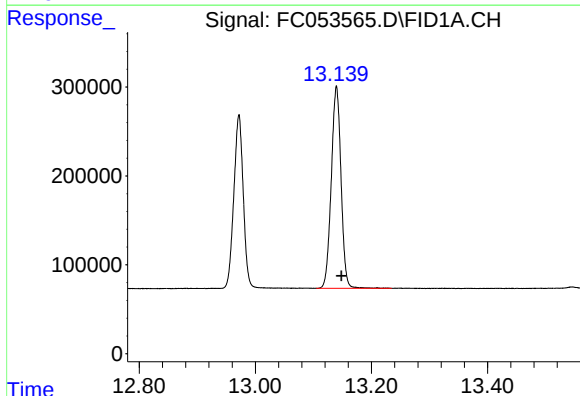
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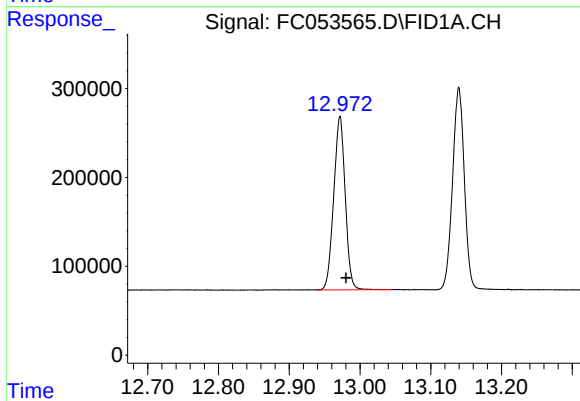
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: -0.008 min
Response: 2656837
Conc: 20.07 ug/ml



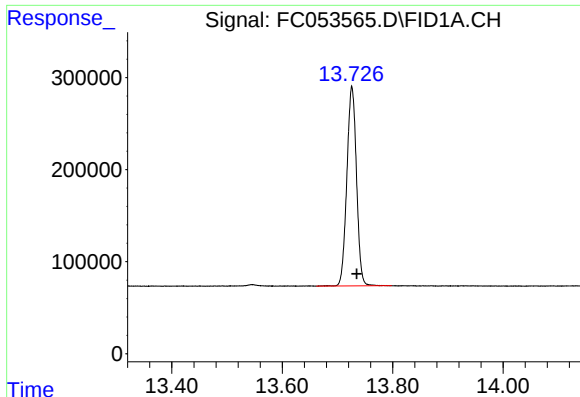
#11 n-Heneicosane (C21)

R.T.: 13.140 min
Delta R.T.: -0.009 min
Response: 2646936
Conc: 19.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.972 min
Delta R.T.: -0.009 min
Response: 2205205
Conc: 19.77 ug/ml



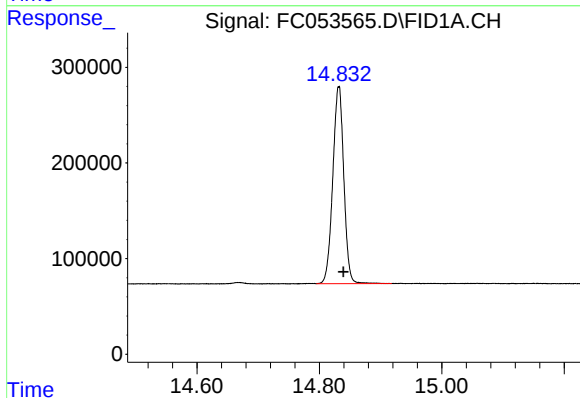
#13 n-Docosane (C22)

R.T.: 13.726 min
Delta R.T.: -0.009 min
Response: 2623968
Conc: 19.73 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

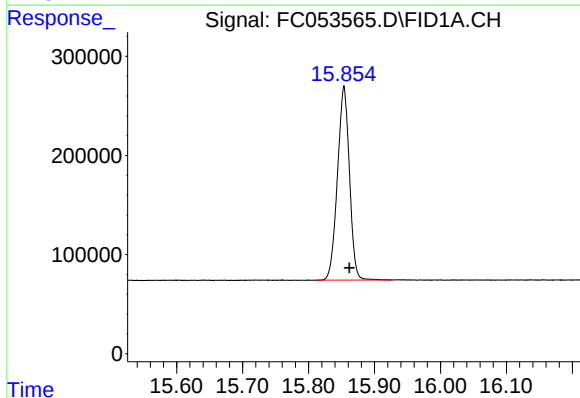
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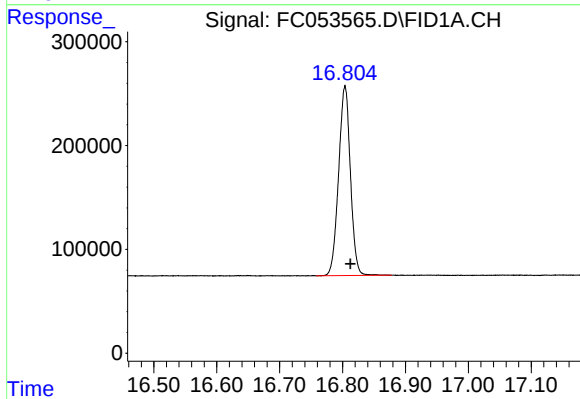
#14 n-Tetracosane (C24)

R.T.: 14.832 min
Delta R.T.: -0.008 min
Response: 2577861
Conc: 19.31 ug/ml



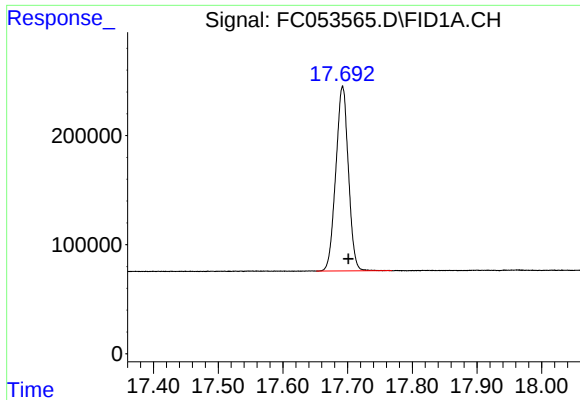
#15 n-Hexacosane (C26)

R.T.: 15.854 min
Delta R.T.: -0.008 min
Response: 2468321
Conc: 18.67 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.804 min
Delta R.T.: -0.009 min
Response: 2378295
Conc: 18.17 ug/ml



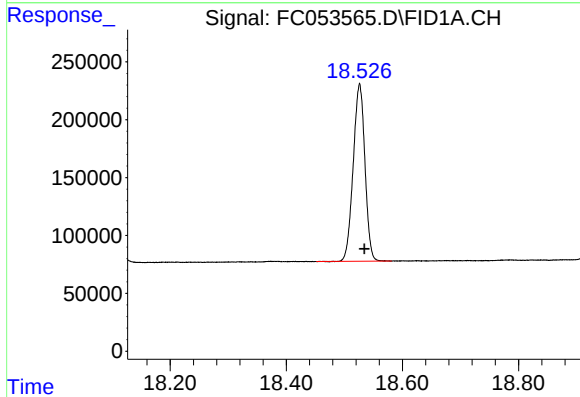
#17 n-Tricontane (C30)

R.T.: 17.692 min
Delta R.T.: -0.009 min
Response: 2289671
Conc: 17.55 ug/ml

Instrument :
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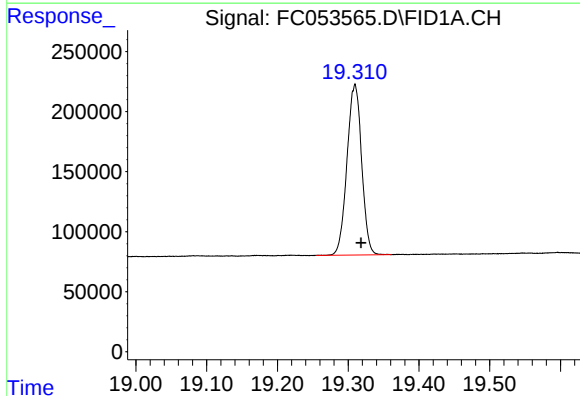
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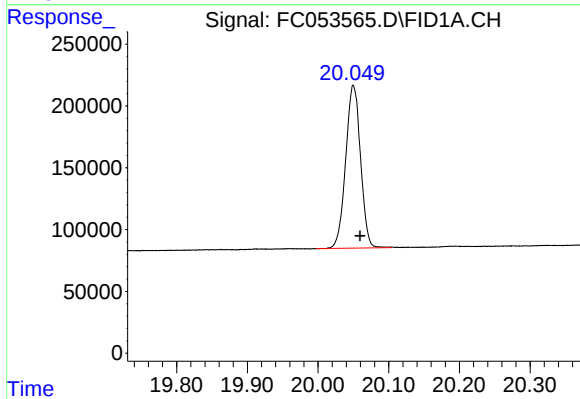
#18 n-Dotriacontane (C32)

R.T.: 18.526 min
Delta R.T.: -0.008 min
Response: 2147461
Conc: 17.02 ug/ml



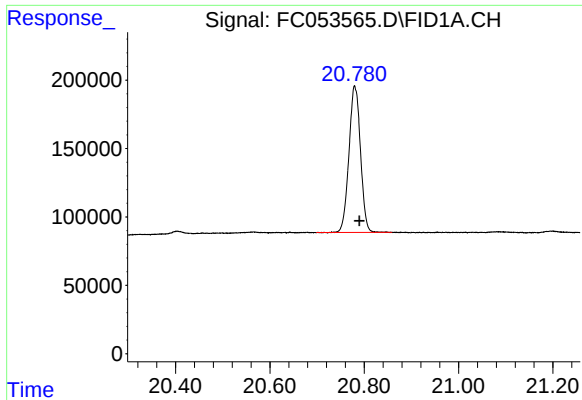
#19 n-Tetratriacontane (C34)

R.T.: 19.309 min
Delta R.T.: -0.009 min
Response: 2040208
Conc: 16.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.049 min
Delta R.T.: -0.010 min
Response: 1921881
Conc: 16.44 ug/ml m



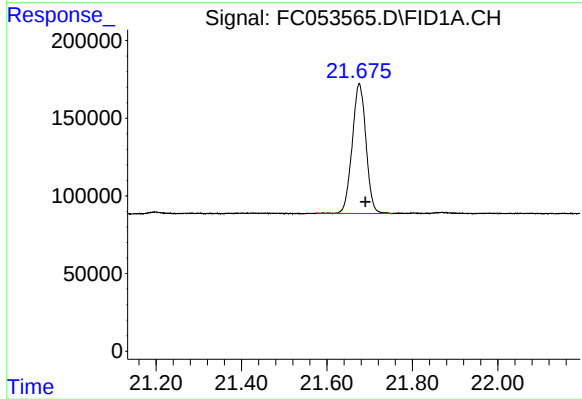
#21 n-Octatriacontane (C38)

R.T.: 20.780 min
Delta R.T.: -0.010 min
Response: 1820095
Conc: 17.69 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.676 min
Delta R.T.: -0.015 min
Response: 1871142
Conc: 18.78 ug/ml