

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050721AL\
 Data File : FC053588.D
 Signal(s) : FID1A.CH
 Acq On : 08 May 2021 00:49
 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

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 5/10/2021 2:06:33 PM

Integration File: autoint1.e
 Quant Time: May 08 05:02:20 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)	11.530	2873445	20.755 ug/ml
Spiked Amount 50.000		Recovery =	41.51%
12) S 1-chlorooctadecane (S...	12.972	2278663	20.430 ug/ml
Spiked Amount 50.000		Recovery =	40.86%
Target Compounds			
1) T n-Nonane (C9)	3.291	2488182	21.066 ug/ml
2) T n-Decane (C10)	4.355	2520751	21.287 ug/ml
3) T A~Naphthalene (C11.7)	5.938	2806643	21.540 ug/ml
4) T n-Dodecane (C12)	6.373	2602874	21.511 ug/ml
5) T A~2-methylnaphthalene...	6.995	2871127	21.716 ug/ml
6) T n-Tetradecane (C14)	8.171	2635835	21.638 ug/ml
7) T n-Hexadecane (C16)	9.773	2622977	21.416 ug/ml
8) T n-Octadecane (C18)	11.216	2729046	20.955 ug/ml
10) T n-Eicosane (C20)	12.527	2735453	20.667 ug/ml
11) T n-Heneicosane (C21)	13.140	2723225	20.505 ug/ml
13) T n-Docosane (C22)	13.726	2713132	20.398 ug/ml
14) T n-Tetracosane (C24)	14.831	2646264	19.824 ug/ml
15) T n-Hexacosane (C26)	15.853	2527875	19.120 ug/ml
16) T n-Octacosane (C28)	16.804	2443395	18.665 ug/ml
17) T n-Tricontane (C30)	17.693	2363515	18.121 ug/ml
18) T n-Dotriacontane (C32)	18.525	2230619	17.678 ug/ml
19) T n-Tetratriacontane (C34)	19.308	2110687	17.323 ug/mlm
20) T n-Hexatriacontane (C36)	20.048	1977955	16.917 ug/mlm
21) T n-Octatriacontane (C38)	20.778	1868144	18.160 ug/ml
22) T n-Tetracontane (C40)	21.672	1922734	19.296 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

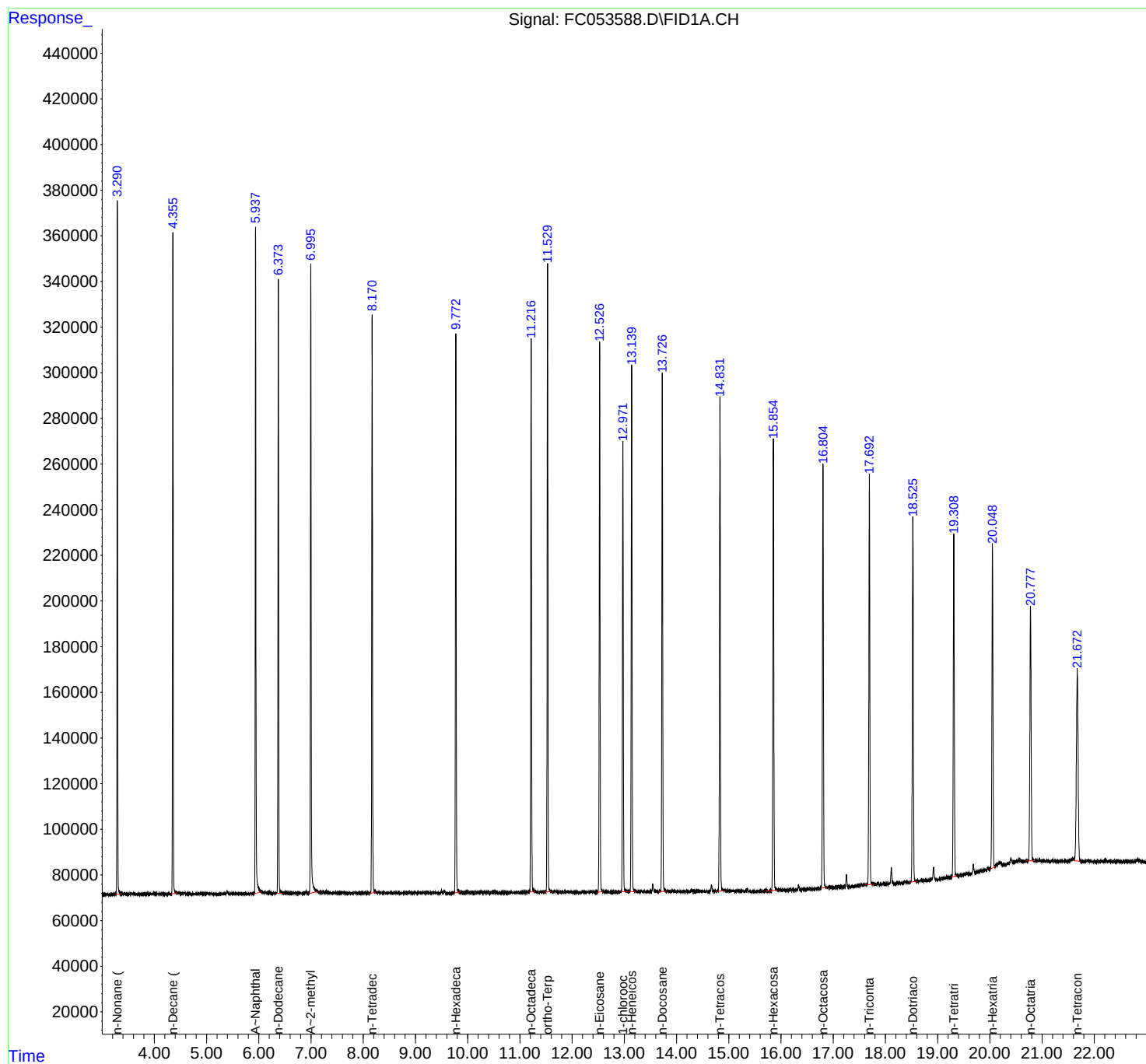
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

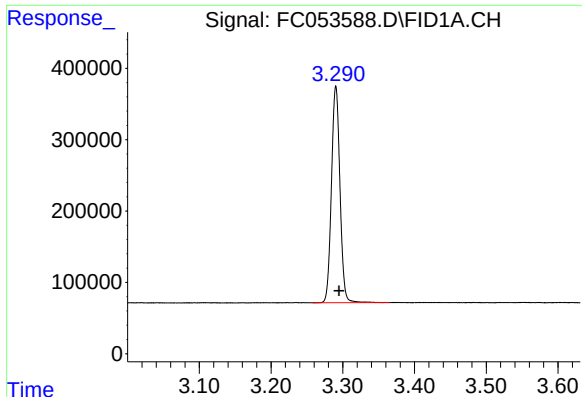
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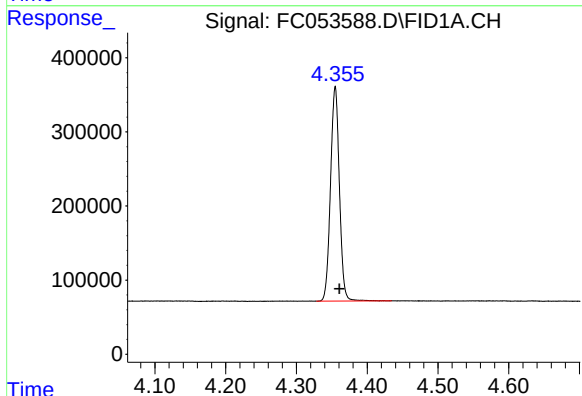
#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: -0.004 min
Response: 2488182
Conc: 21.07 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

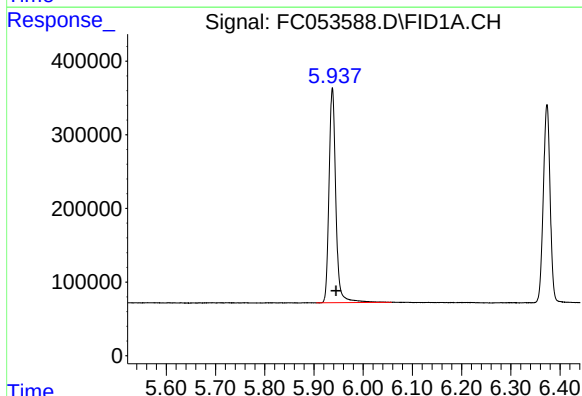
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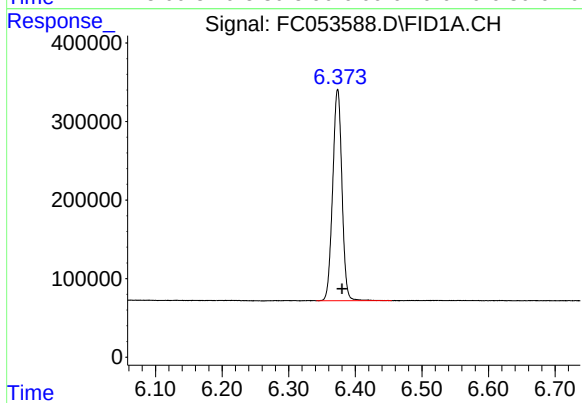
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 2520751
Conc: 21.29 ug/ml



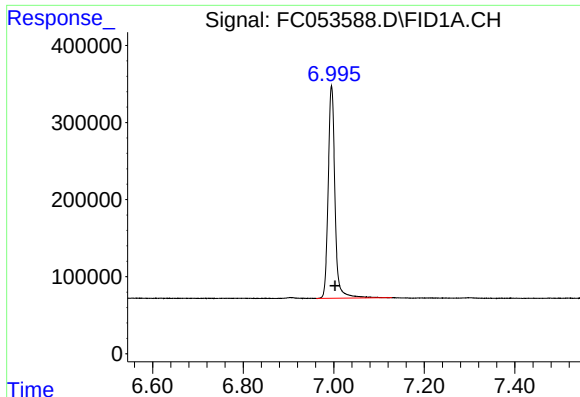
#3 A~Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: -0.007 min
Response: 2806643
Conc: 21.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.373 min
Delta R.T.: -0.007 min
Response: 2602874
Conc: 21.51 ug/ml



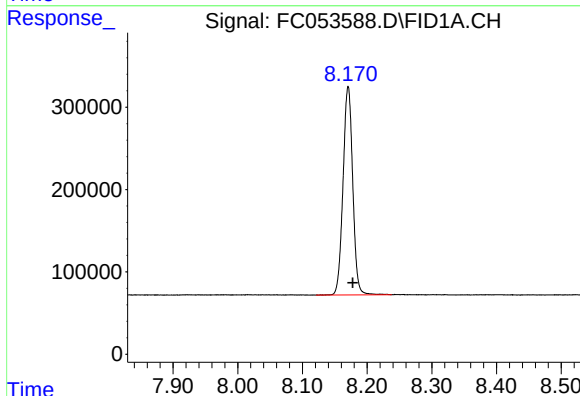
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.995 min
Delta R.T.: -0.008 min
Response: 2871127
Conc: 21.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

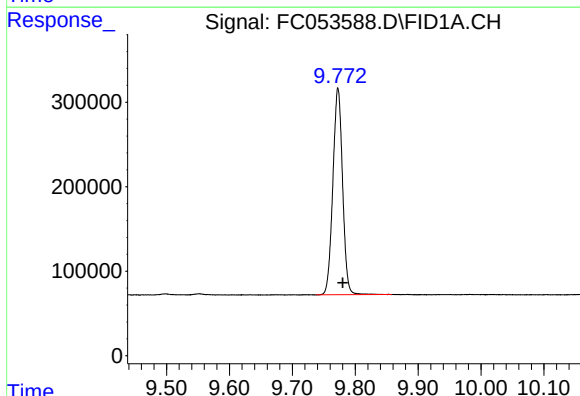
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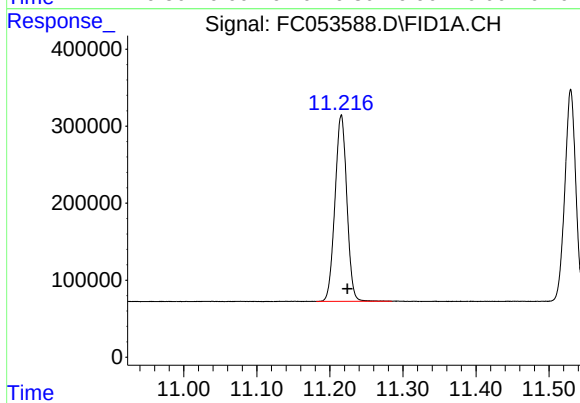
#6 n-Tetradecane (C14)

R.T.: 8.171 min
Delta R.T.: -0.007 min
Response: 2635835
Conc: 21.64 ug/ml



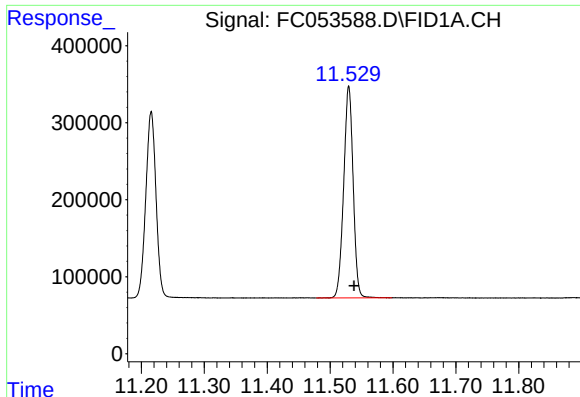
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: -0.008 min
Response: 2622977
Conc: 21.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.216 min
Delta R.T.: -0.009 min
Response: 2729046
Conc: 20.96 ug/ml



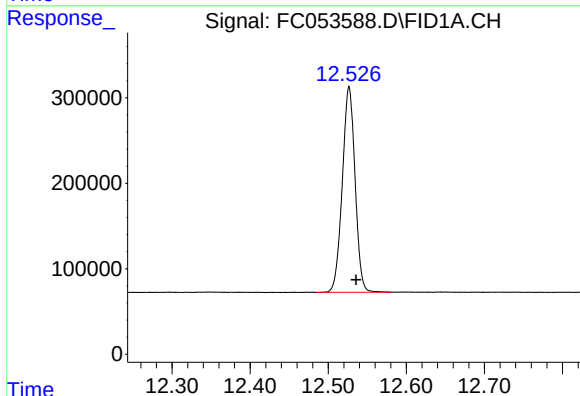
#9 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: -0.008 min
Response: 2873445
Conc: 20.75 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

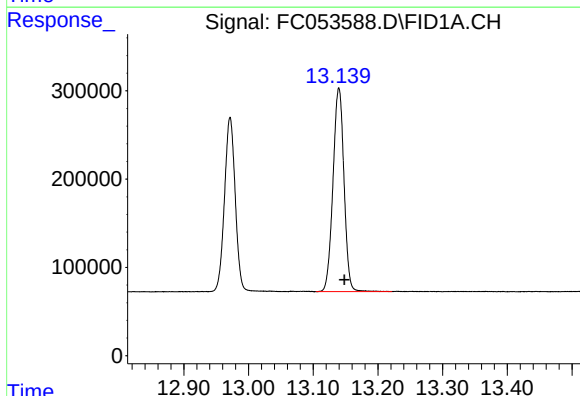
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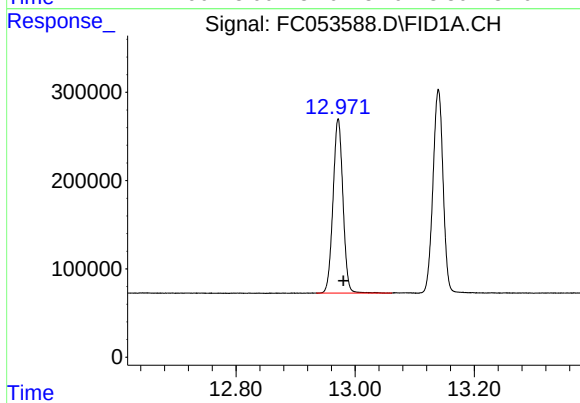
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: -0.009 min
Response: 2735453
Conc: 20.67 ug/ml



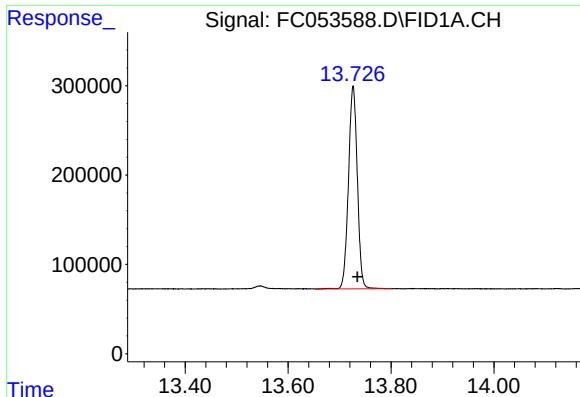
#11 n-Heneicosane (C21)

R.T.: 13.140 min
Delta R.T.: -0.009 min
Response: 2723225
Conc: 20.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.972 min
Delta R.T.: -0.009 min
Response: 2278663
Conc: 20.43 ug/ml



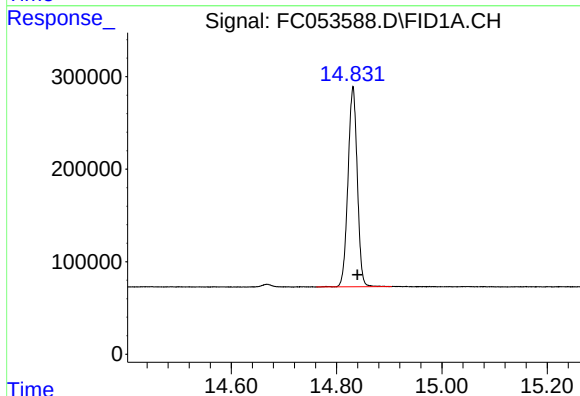
#13 n-Docosane (C22)

R.T.: 13.726 min
Delta R.T.: -0.009 min
Response: 2713132
Conc: 20.40 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

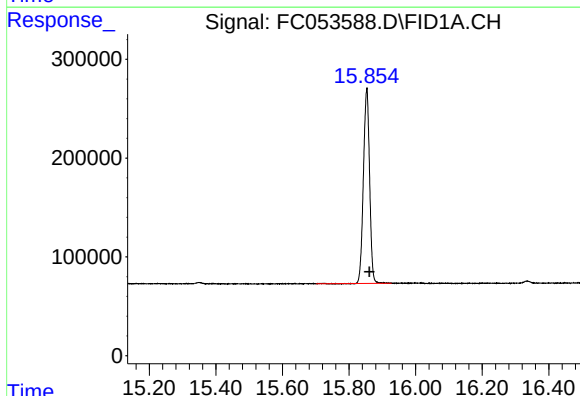
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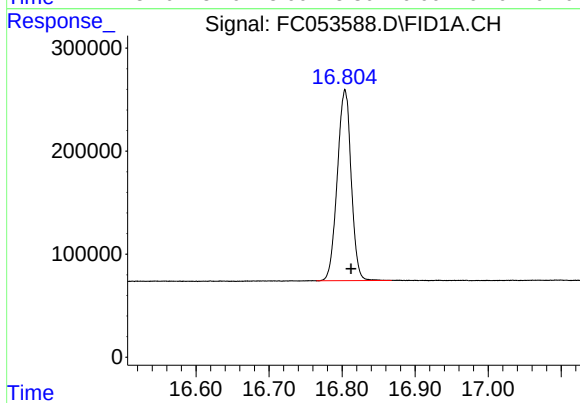
#14 n-Tetracosane (C24)

R.T.: 14.831 min
Delta R.T.: -0.009 min
Response: 2646264
Conc: 19.82 ug/ml



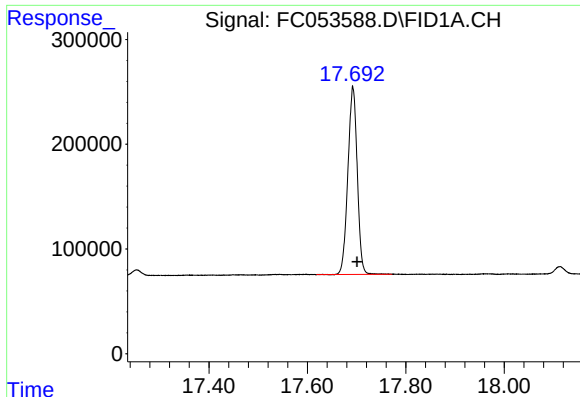
#15 n-Hexacosane (C26)

R.T.: 15.853 min
Delta R.T.: -0.009 min
Response: 2527875
Conc: 19.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.804 min
Delta R.T.: -0.009 min
Response: 2443395
Conc: 18.67 ug/ml



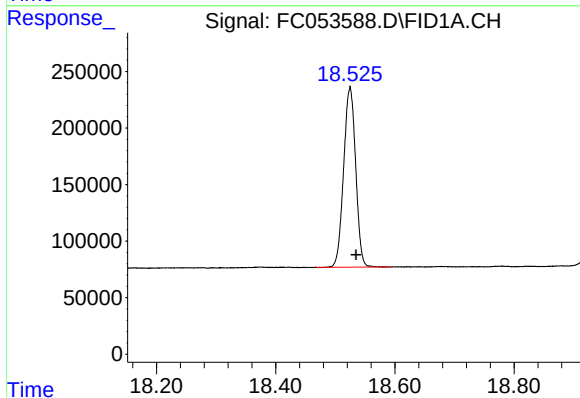
#17 n-Tricontane (C30)

R.T.: 17.693 min
Delta R.T.: -0.009 min
Response: 2363515
Conc: 18.12 ug/ml

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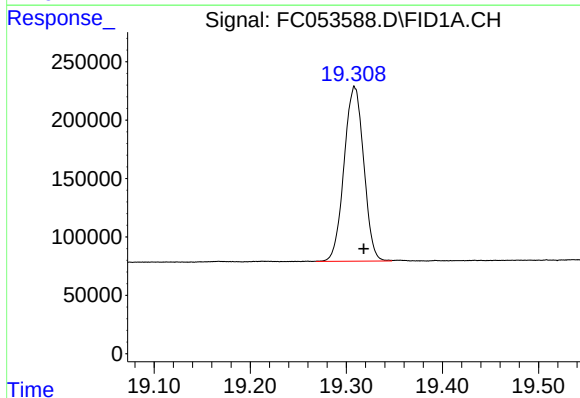
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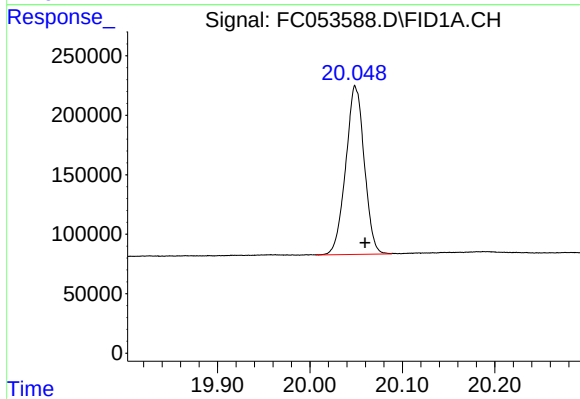
#18 n-Dotriacontane (C32)

R.T.: 18.525 min
Delta R.T.: -0.010 min
Response: 2230619
Conc: 17.68 ug/ml



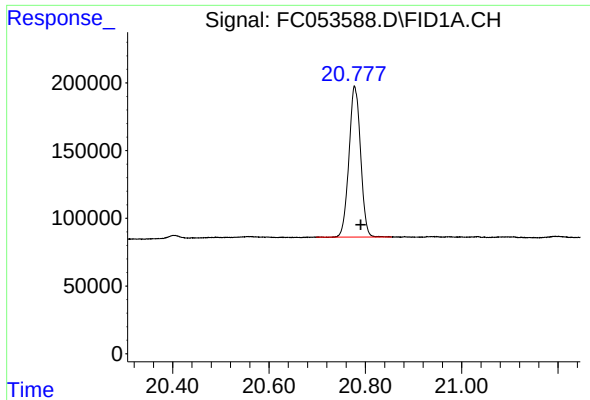
#19 n-Tetratriacontane (C34)

R.T.: 19.308 min
Delta R.T.: -0.010 min
Response: 2110687
Conc: 17.32 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.048 min
Delta R.T.: -0.011 min
Response: 1977955
Conc: 16.92 ug/ml m



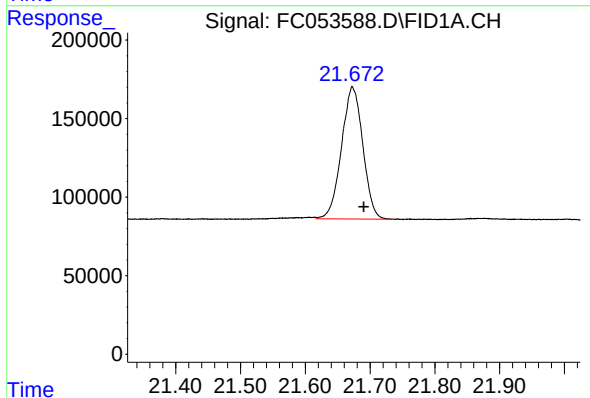
#21 n-Octatriacontane (C38)

R.T.: 20.778 min
Delta R.T.: -0.012 min
Response: 1868144
Conc: 18.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.672 min
Delta R.T.: -0.018 min
Response: 1922734
Conc: 19.30 ug/ml m