

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120320AL\
 Data File : FC051133.D
 Signal(s) : FID1A.CH
 Acq On : 04 Dec 2020 14:45
 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
 12/7/2020 12:16:38 PM

Integration File: autoint1.e
 Quant Time: Dec 07 09:10:53 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 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)	11.591	2392410	19.444 ug/ml
Spiked Amount 50.000		Recovery =	38.89%
12) S 1-chlorooctadecane (S...	13.026	1854005	19.005 ug/ml
Spiked Amount 50.000		Recovery =	38.01%
Target Compounds			
1) T n-Nonane (C9)	3.346	2338588	21.975 ug/ml
2) T n-Decane (C10)	4.414	2360798	22.228 ug/ml
3) T A~Naphthalene (C11.7)	6.006	2489227	22.141 ug/ml
4) T n-Dodecane (C12)	6.433	2400429	22.061 ug/ml
5) T A~2-methylnaphthalene...	7.064	2464638	21.808 ug/ml
6) T n-Tetradecane (C14)	8.228	2367512	21.881 ug/ml
7) T n-Hexadecane (C16)	9.829	2283456	21.278 ug/ml
8) T n-Octadecane (C18)	11.271	2323470	20.371 ug/ml
10) T n-Eicosane (C20)	12.580	2265223	19.499 ug/ml
11) T n-Heneicosane (C21)	13.192	2218547	19.148 ug/ml
13) T n-Docosane (C22)	13.778	2199700	18.992 ug/ml
14) T n-Tetracosane (C24)	14.880	2176459	18.924 ug/ml
15) T n-Hexacosane (C26)	15.900	2123700	18.861 ug/ml
16) T n-Octacosane (C28)	16.850	2132831	19.262 ug/ml
17) T n-Tricontane (C30)	17.736	2114955	19.910 ug/ml
18) T n-Dotriacontane (C32)	18.567	2008051	20.551 ug/ml
19) T n-Tetratriacontane (C34)	19.350	1894319	21.225 ug/mlm
20) T n-Hexatriacontane (C36)	20.089	1835163	22.003 ug/mlm
21) T n-Octatriacontane (C38)	20.828	1703433	21.874 ug/ml
22) T n-Tetracontane (C40)	21.746	1757794	21.230 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 04 Dec 2020 14:45
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

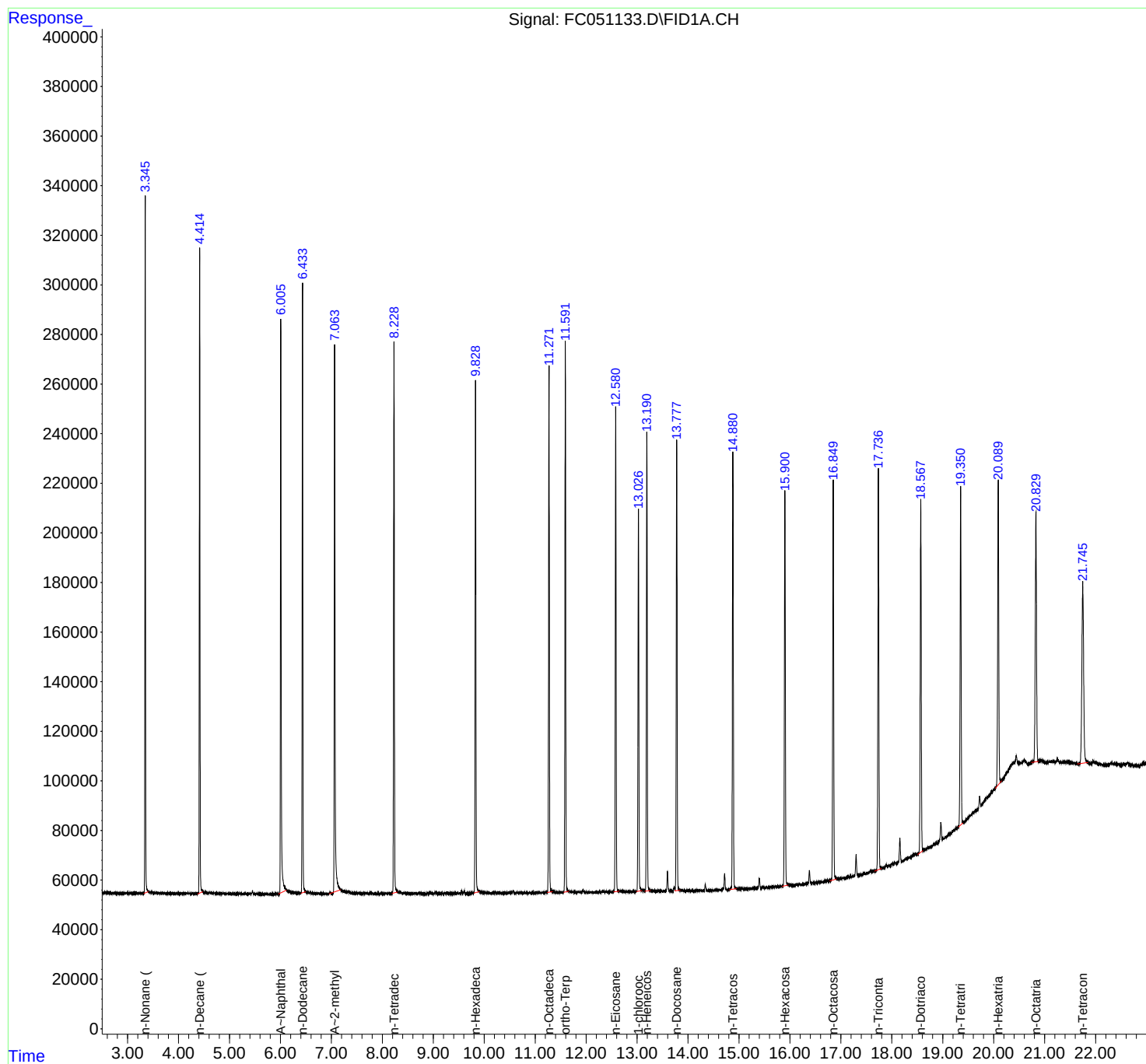
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

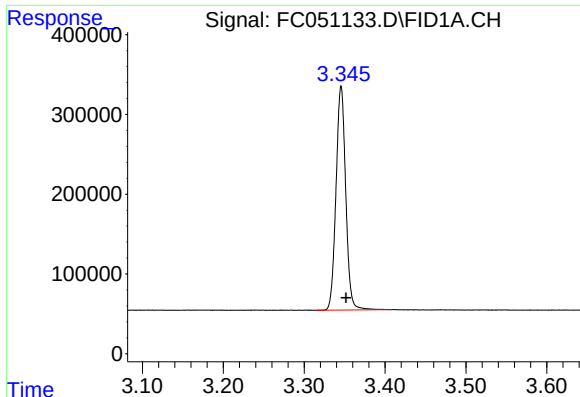
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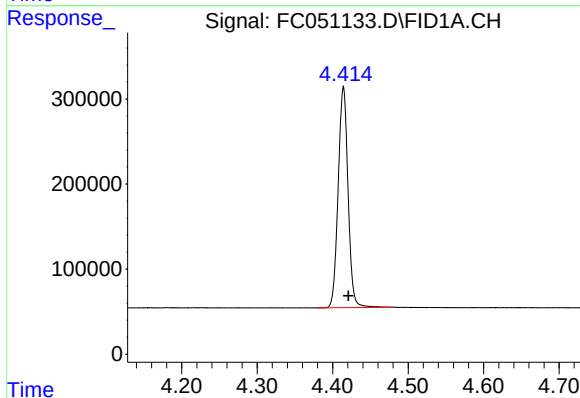
#1 n-Nonane (C9)

R.T.: 3.346 min
Delta R.T.: -0.006 min
Response: 2338588
Conc: 21.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

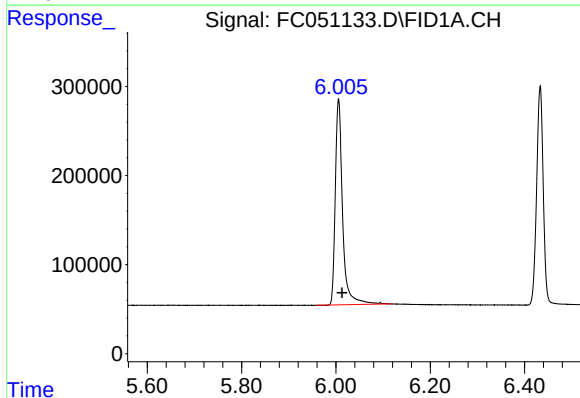
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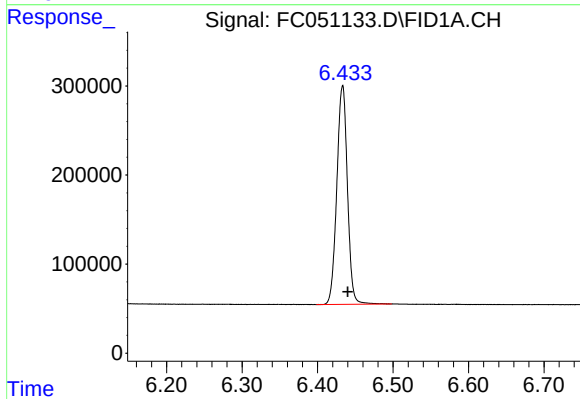
#2 n-Decane (C10)

R.T.: 4.414 min
Delta R.T.: -0.006 min
Response: 2360798
Conc: 22.23 ug/ml



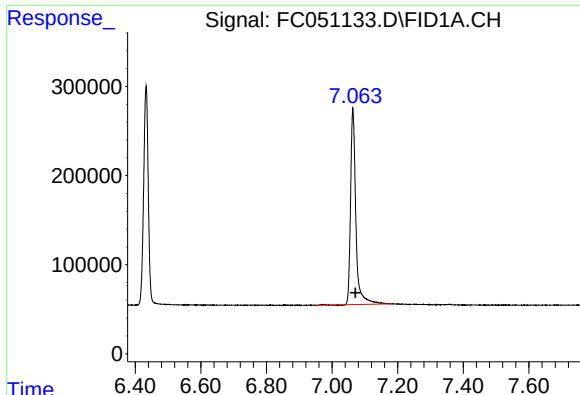
#3 A~Naphthalene (C11.7)

R.T.: 6.006 min
Delta R.T.: -0.008 min
Response: 2489227
Conc: 22.14 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.433 min
Delta R.T.: -0.007 min
Response: 2400429
Conc: 22.06 ug/ml



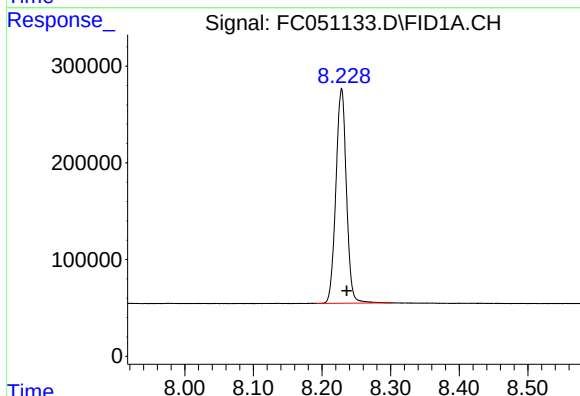
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.064 min
Delta R.T.: -0.008 min
Response: 2464638
Conc: 21.81 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

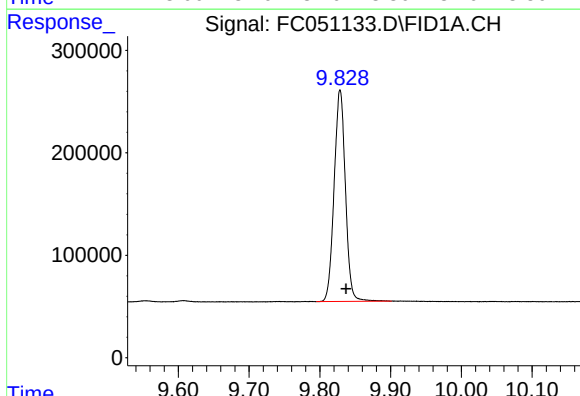
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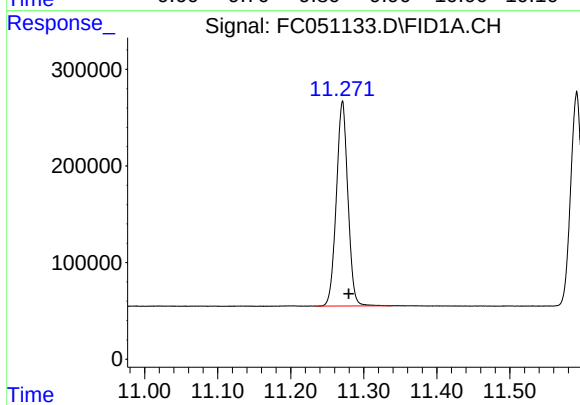
#6 n-Tetradecane (C14)

R.T.: 8.228 min
Delta R.T.: -0.008 min
Response: 2367512
Conc: 21.88 ug/ml



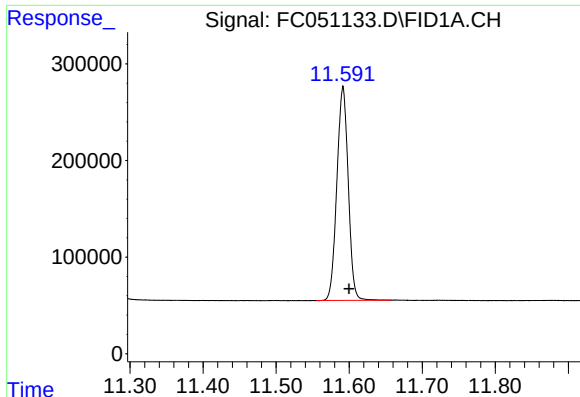
#7 n-Hexadecane (C16)

R.T.: 9.829 min
Delta R.T.: -0.009 min
Response: 2283456
Conc: 21.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.271 min
Delta R.T.: -0.008 min
Response: 2323470
Conc: 20.37 ug/ml



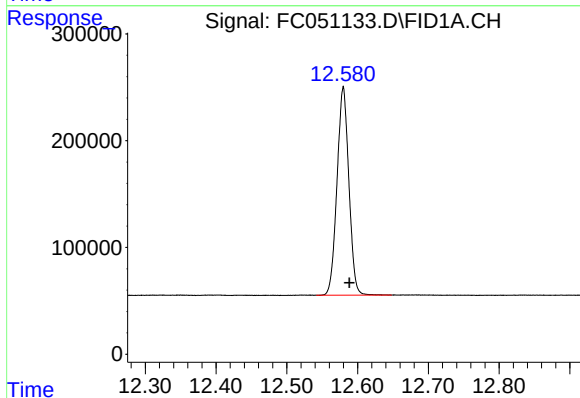
#9 ortho-Terphenyl (SURR)

R.T.: 11.591 min
Delta R.T.: -0.008 min
Response: 2392410
Conc: 19.44 ug/ml

Instrument :
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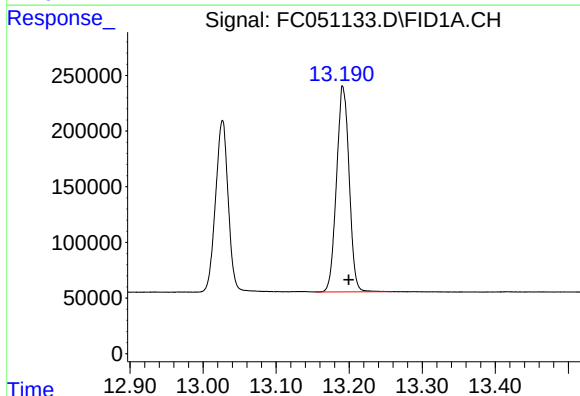
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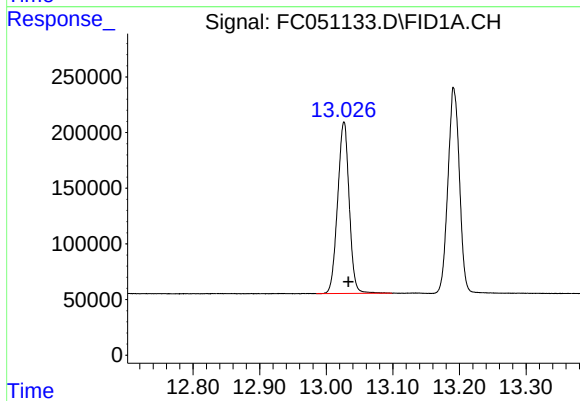
#10 n-Eicosane (C20)

R.T.: 12.580 min
Delta R.T.: -0.008 min
Response: 2265223
Conc: 19.50 ug/ml



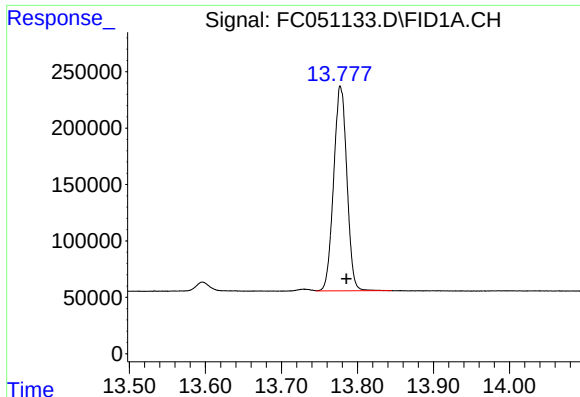
#11 n-Heneicosane (C21)

R.T.: 13.192 min
Delta R.T.: -0.008 min
Response: 2218547
Conc: 19.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.026 min
Delta R.T.: -0.007 min
Response: 1854005
Conc: 19.01 ug/ml



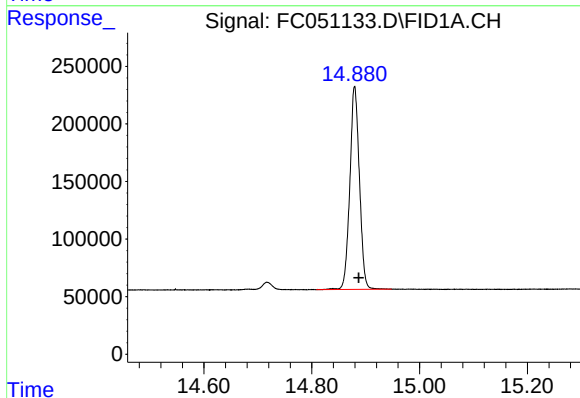
#13 n-Docosane (C22)

R.T.: 13.778 min
Delta R.T.: -0.007 min
Response: 2199700
Conc: 18.99 ug/ml

Instrument :
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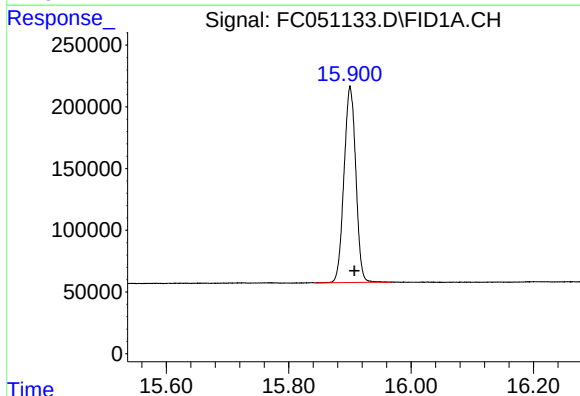
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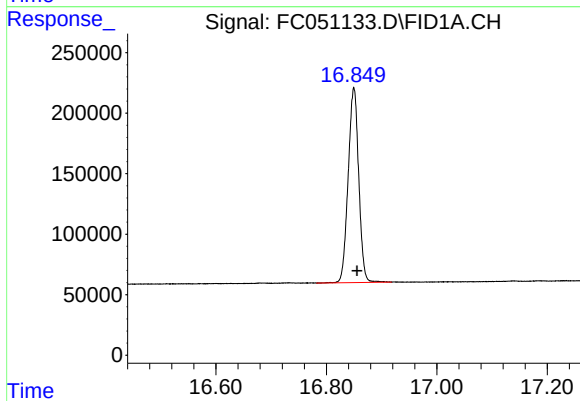
#14 n-Tetracosane (C24)

R.T.: 14.880 min
Delta R.T.: -0.008 min
Response: 2176459
Conc: 18.92 ug/ml



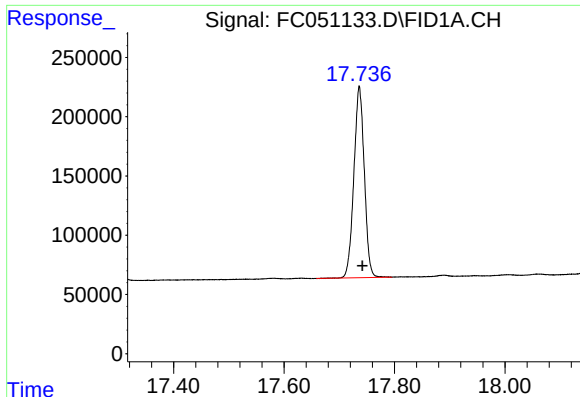
#15 n-Hexacosane (C26)

R.T.: 15.900 min
Delta R.T.: -0.007 min
Response: 2123700
Conc: 18.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.850 min
Delta R.T.: -0.006 min
Response: 2132831
Conc: 19.26 ug/ml



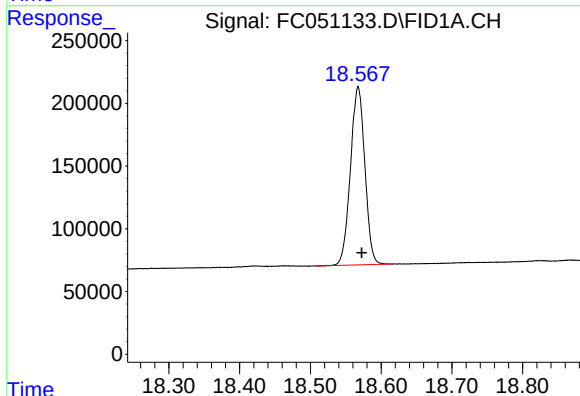
#17 n-Tricontane (C30)

R.T.: 17.736 min
Delta R.T.: -0.006 min
Response: 2114955
Conc: 19.91 ug/ml

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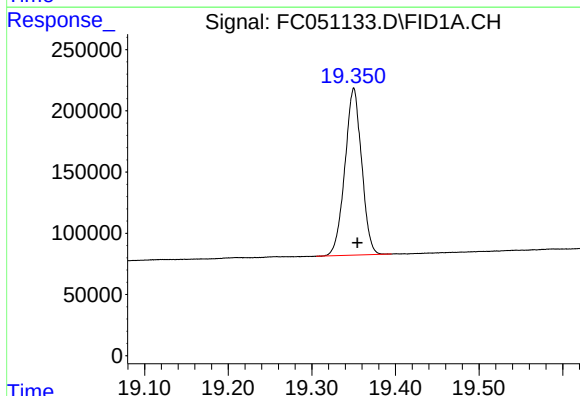
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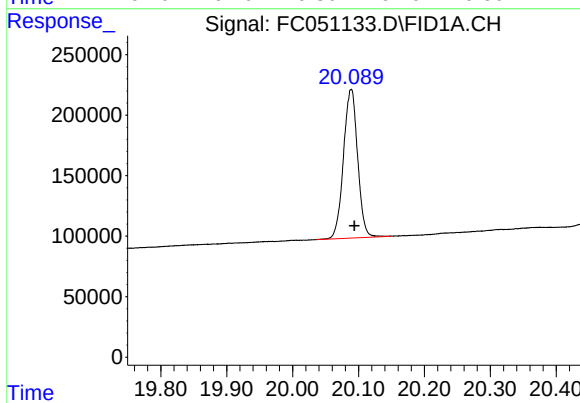
#18 n-Dotriacontane (C32)

R.T.: 18.567 min
Delta R.T.: -0.005 min
Response: 2008051
Conc: 20.55 ug/ml



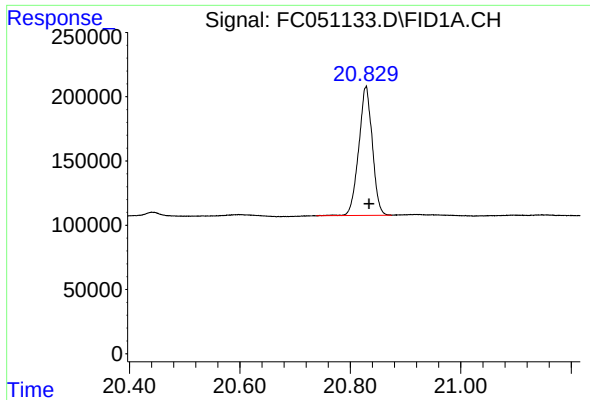
#19 n-Tetratriacontane (C34)

R.T.: 19.350 min
Delta R.T.: -0.005 min
Response: 1894319
Conc: 21.22 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.089 min
Delta R.T.: -0.005 min
Response: 1835163
Conc: 22.00 ug/ml m



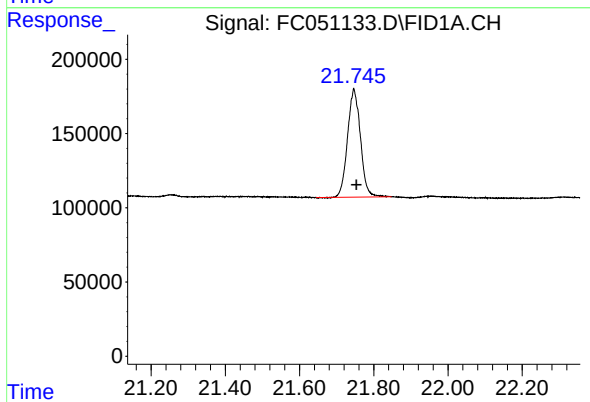
#21 n-Octatriacontane (C38)

R.T.: 20.828 min
Delta R.T.: -0.006 min
Response: 1703433
Conc: 21.87 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.746 min
Delta R.T.: -0.007 min
Response: 1757794
Conc: 21.23 ug/ml