

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061821AL\
 Data File : FC054336.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jun 2021 8:49
 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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 6/21/2021 10:49:08 AM

Integration File: sample.E
 Quant Time: Jun 21 01:19:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 04:43:57 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)	11.346	2774111	18.267 ug/ml
Spiked Amount 50.000		Recovery =	36.53%
12) S 1-chlorooctadecane (S...	12.790	2107638	17.892 ug/ml
Spiked Amount 50.000		Recovery =	35.78%
Target Compounds			
1) T n-Nonane (C9)	3.153	2694244	20.936 ug/ml
2) T n-Decane (C10)	4.209	2740207	21.377 ug/ml
3) T A~Naphthalene (C11.7)	5.776	2980718	20.636 ug/ml
4) T n-Dodecane (C12)	6.218	2737591	20.877 ug/ml
5) T A~2-methylnaphthalene...	6.830	2959352	20.498 ug/ml
6) T n-Tetradecane (C14)	8.007	2733948	20.621 ug/ml
7) T n-Hexadecane (C16)	9.603	2705341	20.000 ug/ml
8) T n-Octadecane (C18)	11.042	2687270	19.254 ug/ml
10) T n-Eicosane (C20)	12.349	2554417	18.397 ug/ml
11) T n-Heneicosane (C21)	12.959	2528445	18.100 ug/ml
13) T n-Docosane (C22)	13.544	2465613	17.819 ug/ml
14) T n-Tetracosane (C24)	14.645	2391421	17.365 ug/ml
15) T n-Hexacosane (C26)	15.665	2286953	16.979 ug/ml
16) T n-Octacosane (C28)	16.614	2270437	17.135 ug/ml
17) T n-Tricontane (C30)	17.500	2313227	17.998 ug/ml
18) T n-Dotriacontane (C32)	18.332	2361213	19.191 ug/ml
19) T n-Tetratriacontane (C34)	19.115	2300319	19.663 ug/mlm
20) T n-Hexatriacontane (C36)	19.855	2250265	20.387 ug/ml
21) T n-Octatriacontane (C38)	20.563	2137041	20.905 ug/mlm
22) T n-Tetracontane (C40)	21.391	2358502	22.042 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

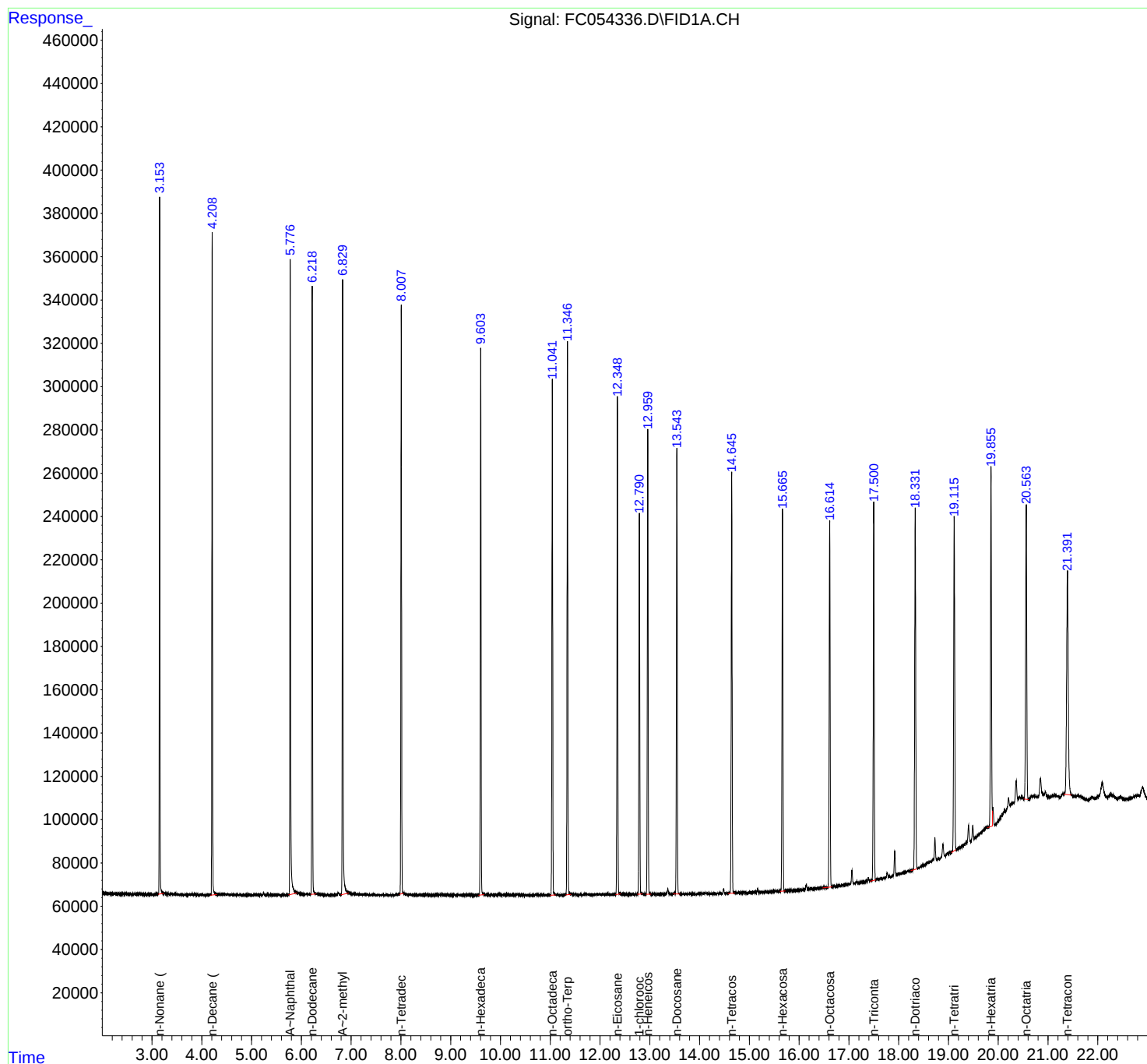
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

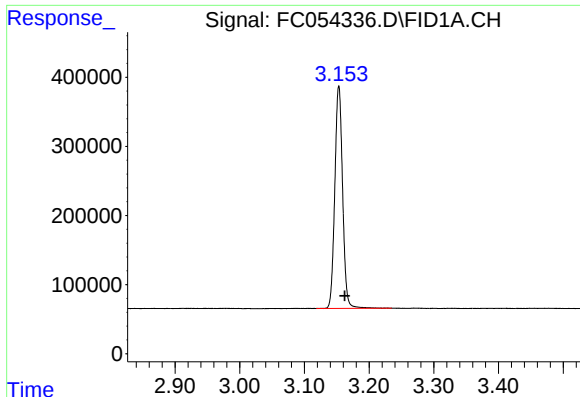
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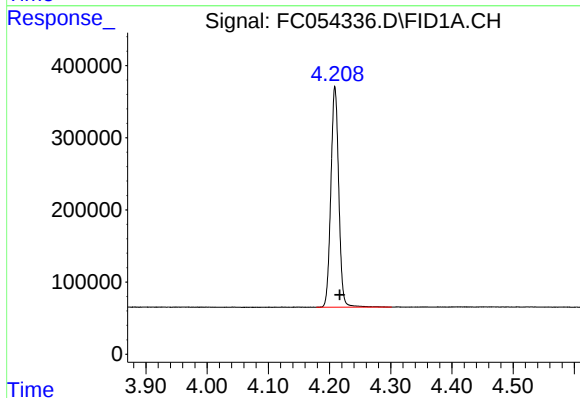
#1 n-Nonane (C9)

R.T.: 3.153 min
Delta R.T.: -0.009 min
Response: 2694244
Conc: 20.94 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

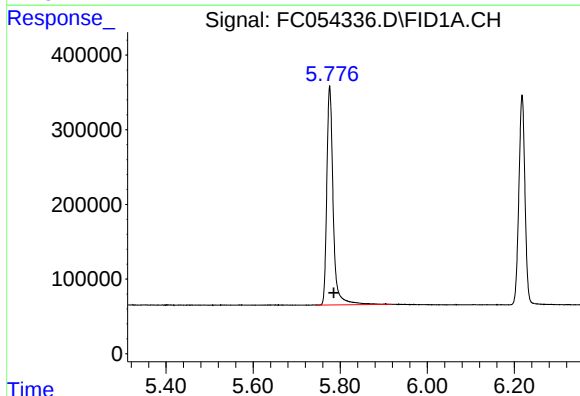
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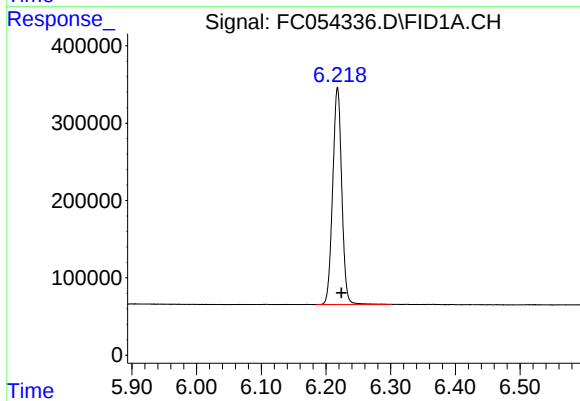
#2 n-Decane (C10)

R.T.: 4.209 min
Delta R.T.: -0.008 min
Response: 2740207
Conc: 21.38 ug/ml



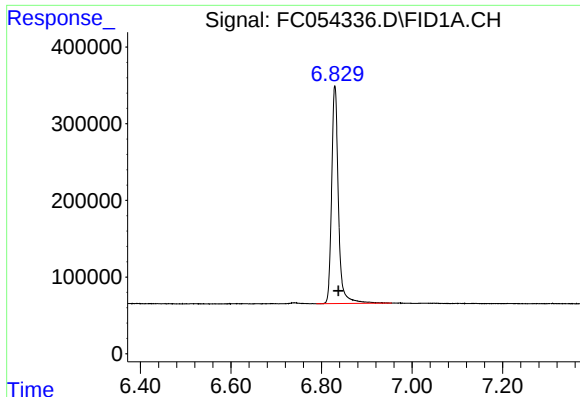
#3 A~Naphthalene (C11.7)

R.T.: 5.776 min
Delta R.T.: -0.009 min
Response: 2980718
Conc: 20.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.218 min
Delta R.T.: -0.006 min
Response: 2737591
Conc: 20.88 ug/ml



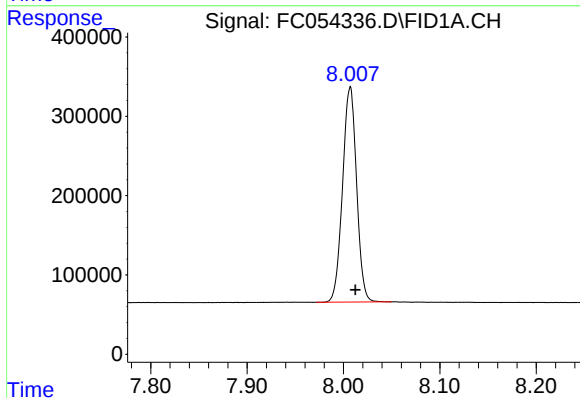
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.830 min
Delta R.T.: -0.008 min
Response: 2959352
Conc: 20.50 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

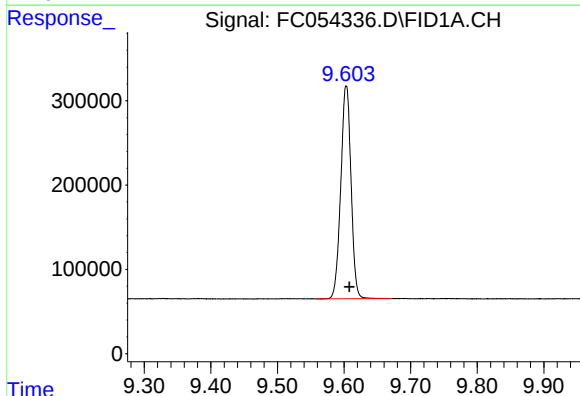
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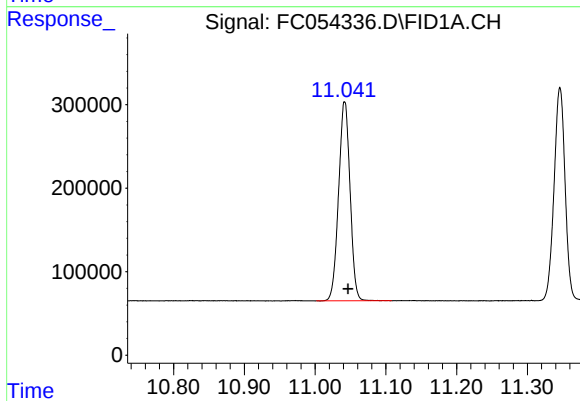
#6 n-Tetradecane (C14)

R.T.: 8.007 min
Delta R.T.: -0.005 min
Response: 2733948
Conc: 20.62 ug/ml



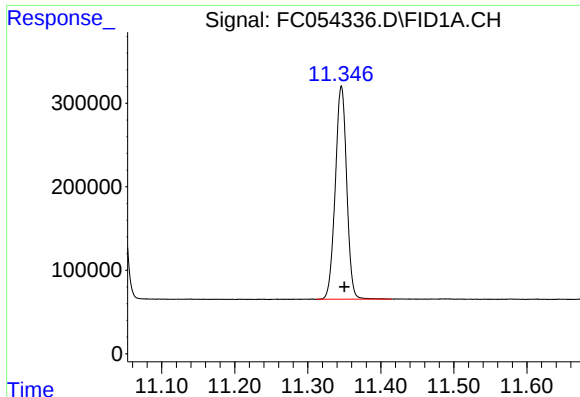
#7 n-Hexadecane (C16)

R.T.: 9.603 min
Delta R.T.: -0.005 min
Response: 2705341
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.042 min
Delta R.T.: -0.005 min
Response: 2687270
Conc: 19.25 ug/ml



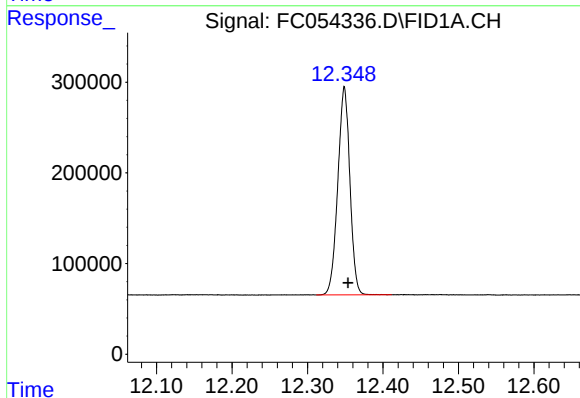
#9 ortho-Terphenyl (SURR)

R.T.: 11.346 min
Delta R.T.: -0.004 min
Response: 2774111
Conc: 18.27 ug/ml

Instrument :
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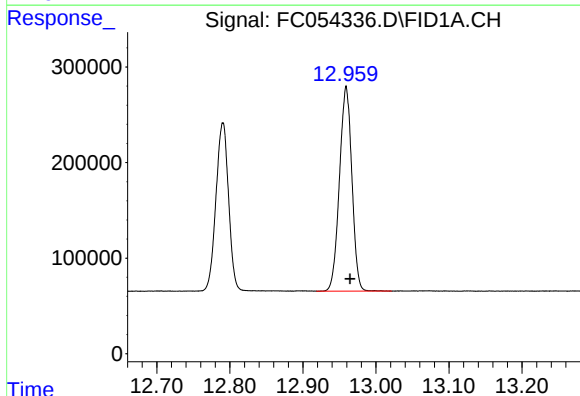
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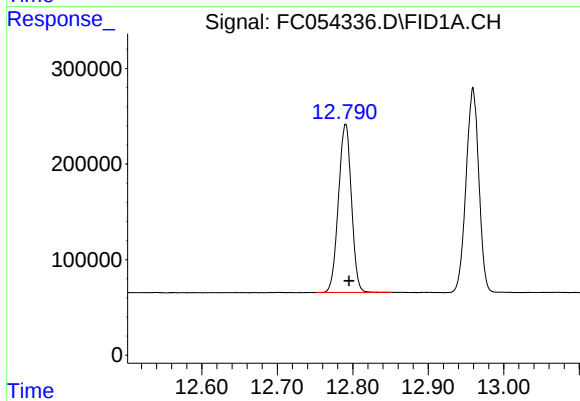
#10 n-Eicosane (C20)

R.T.: 12.349 min
Delta R.T.: -0.005 min
Response: 2554417
Conc: 18.40 ug/ml



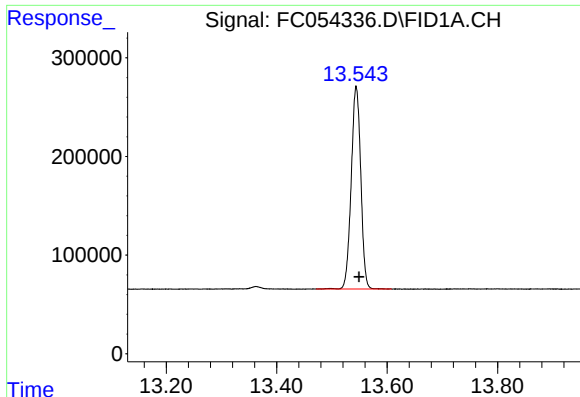
#11 n-Heneicosane (C21)

R.T.: 12.959 min
Delta R.T.: -0.005 min
Response: 2528445
Conc: 18.10 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.790 min
Delta R.T.: -0.005 min
Response: 2107638
Conc: 17.89 ug/ml



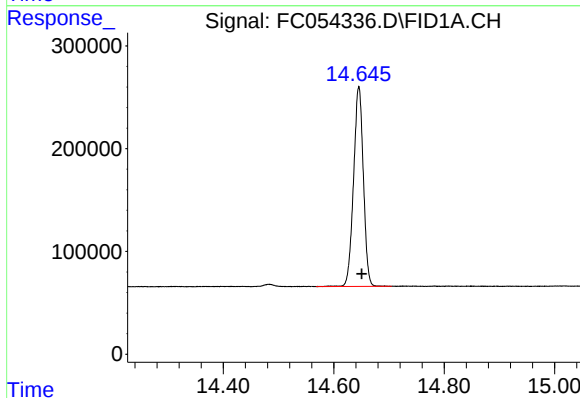
#13 n-Docosane (C22)

R.T.: 13.544 min
Delta R.T.: -0.005 min
Response: 2465613
Conc: 17.82 ug/ml

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20 PPM ALIPHATIC HC STD

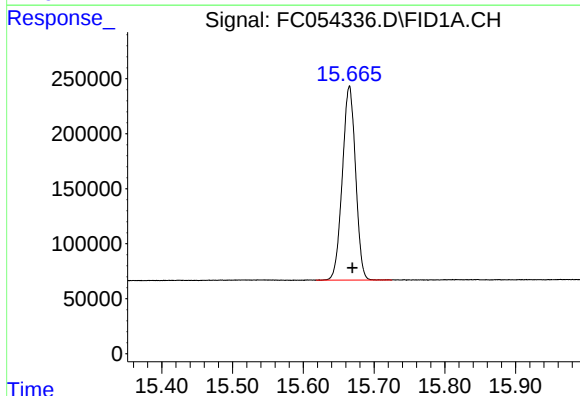
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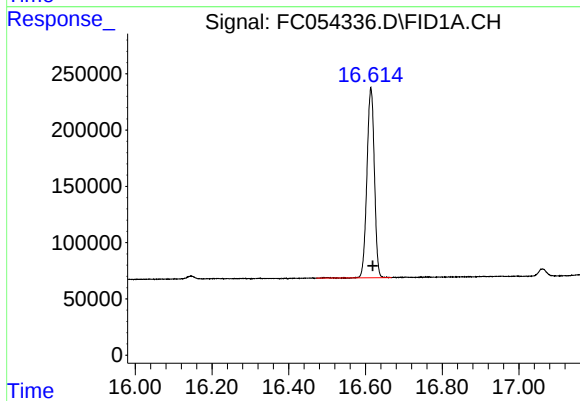
#14 n-Tetracosane (C24)

R.T.: 14.645 min
Delta R.T.: -0.005 min
Response: 2391421
Conc: 17.37 ug/ml



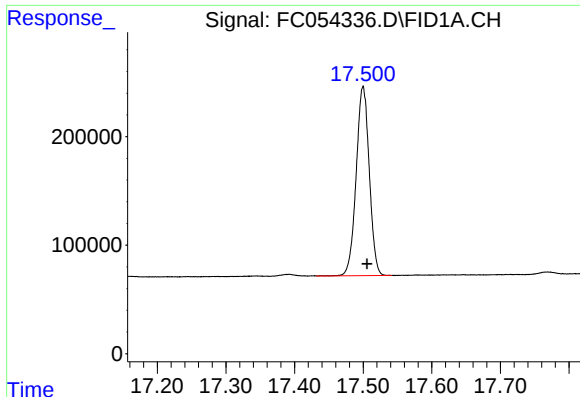
#15 n-Hexacosane (C26)

R.T.: 15.665 min
Delta R.T.: -0.004 min
Response: 2286953
Conc: 16.98 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.614 min
Delta R.T.: -0.005 min
Response: 2270437
Conc: 17.13 ug/ml



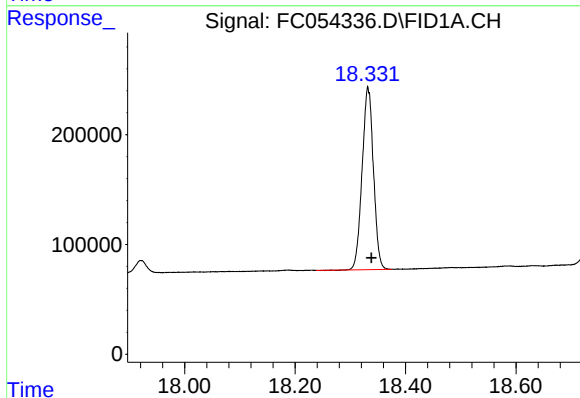
#17 n-Tricontane (C30)

R.T.: 17.500 min
Delta R.T.: -0.006 min
Response: 2313227
Conc: 18.00 ug/ml

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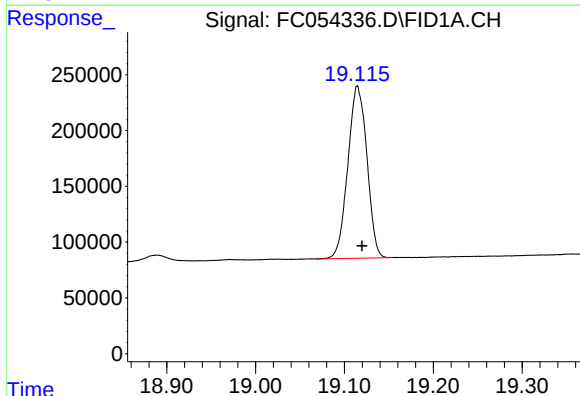
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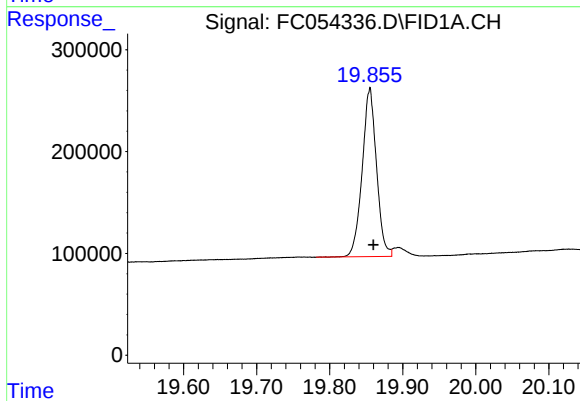
#18 n-Dotriacontane (C32)

R.T.: 18.332 min
Delta R.T.: -0.006 min
Response: 2361213
Conc: 19.19 ug/ml



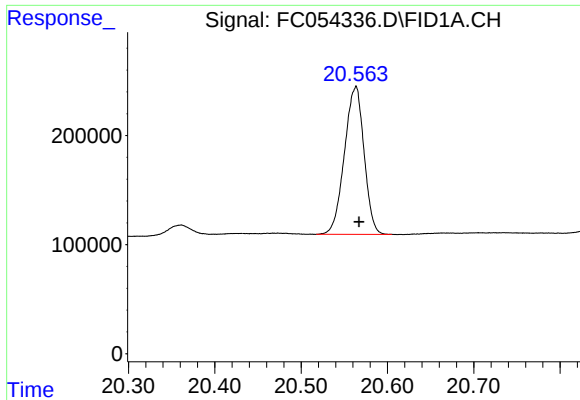
#19 n-Tetratriacontane (C34)

R.T.: 19.115 min
Delta R.T.: -0.005 min
Response: 2300319
Conc: 19.66 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.855 min
Delta R.T.: -0.005 min
Response: 2250265
Conc: 20.39 ug/ml



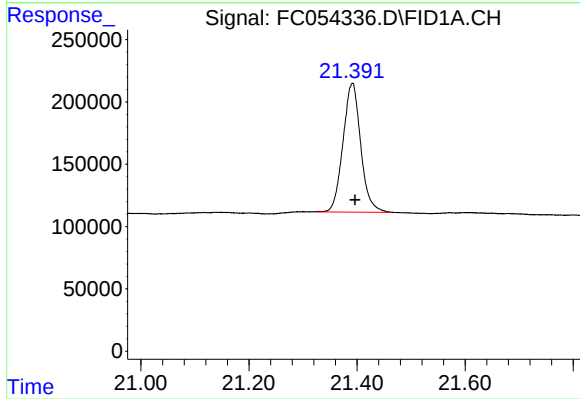
#21 n-Octatriacontane (C38)

R.T.: 20.563 min
Delta R.T.: -0.004 min
Response: 2137041
Conc: 20.91 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.391 min
Delta R.T.: -0.005 min
Response: 2358502
Conc: 22.04 ug/ml m