

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062121AL\
 Data File : FC054339.D
 Signal(s) : FID1A.CH
 Acq On : 21 Jun 2021 9:32
 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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 6/22/2021 12:30:37 PM

Integration File: autoint1.e
 Quant Time: Jun 22 01:12:18 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)	11.347	2741104	18.050 ug/ml
Spiked Amount 50.000		Recovery =	36.10%
12) S 1-chlorooctadecane (S...	12.791	2107758	17.893 ug/ml
Spiked Amount 50.000		Recovery =	35.79%
Target Compounds			
1) T n-Nonane (C9)	3.154	2618359	20.346 ug/ml
2) T n-Decane (C10)	4.210	2653831	20.703 ug/ml
3) T A~Naphthalene (C11.7)	5.777	2899944	20.077 ug/ml
4) T n-Dodecane (C12)	6.219	2670759	20.367 ug/ml
5) T A~2-methylnaphthalene...	6.831	2890888	20.024 ug/ml
6) T n-Tetradecane (C14)	8.008	2670287	20.141 ug/ml
7) T n-Hexadecane (C16)	9.605	2654193	19.622 ug/ml
8) T n-Octadecane (C18)	11.044	2638750	18.906 ug/ml
10) T n-Eicosane (C20)	12.350	2532651	18.241 ug/ml
11) T n-Heneicosane (C21)	12.960	2513324	17.992 ug/ml
13) T n-Docosane (C22)	13.545	2444826	17.668 ug/ml
14) T n-Tetracosane (C24)	14.646	2353910	17.093 ug/ml
15) T n-Hexacosane (C26)	15.667	2235682	16.598 ug/ml
16) T n-Octacosane (C28)	16.616	2176419	16.425 ug/ml
17) T n-Tricontane (C30)	17.502	2145336	16.691 ug/ml
18) T n-Dotriacontane (C32)	18.334	2117376	17.209 ug/ml
19) T n-Tetratriacontane (C34)	19.118	2132007	18.225 ug/mlm
20) T n-Hexatriacontane (C36)	19.857	2107441	19.093 ug/ml
21) T n-Octatriacontane (C38)	20.562	2042515	19.981 ug/mlm
22) T n-Tetracontane (C40)	21.392	2106028	19.683 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
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ALS Vial : 2 Sample Multiplier: 1

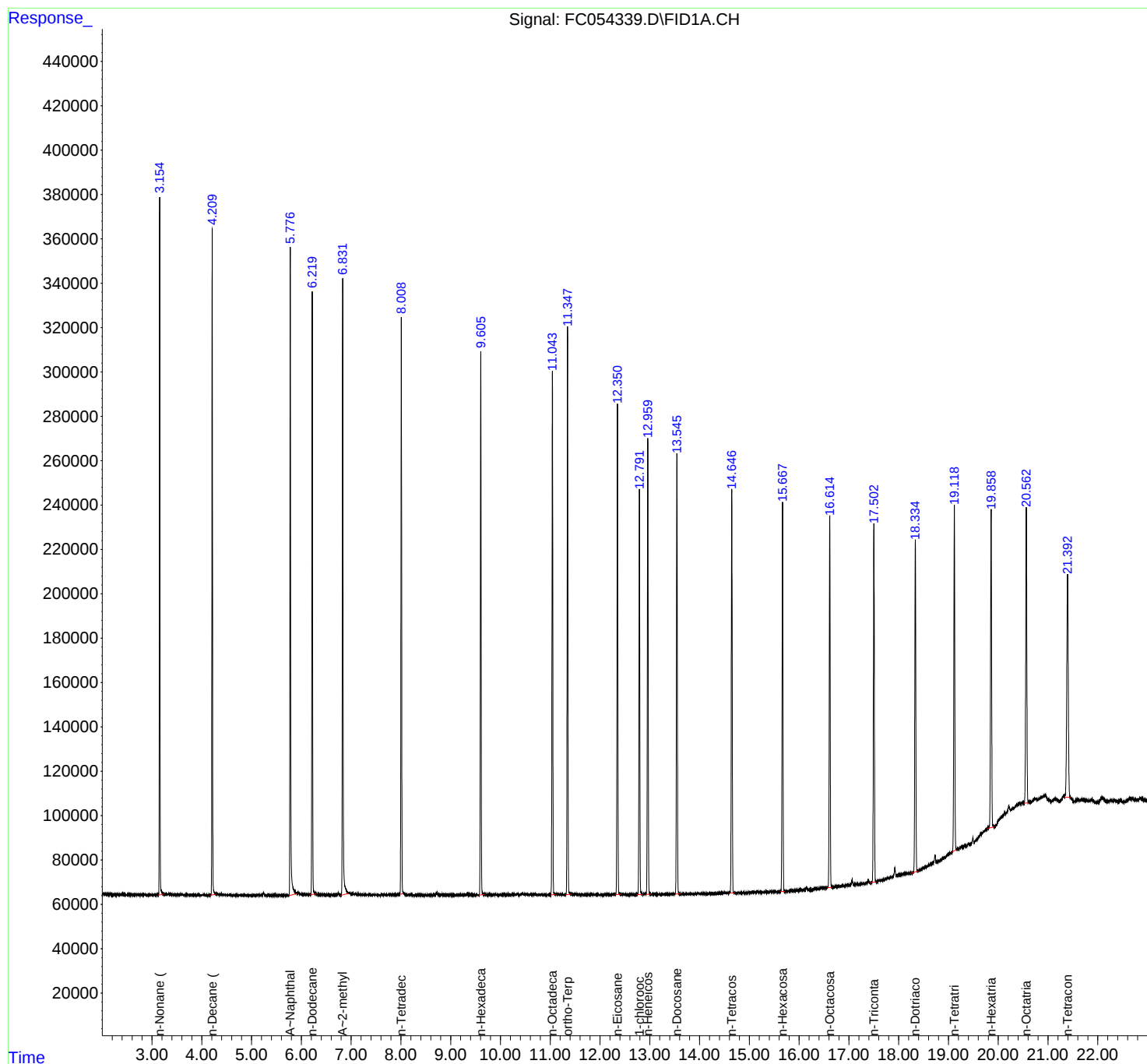
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

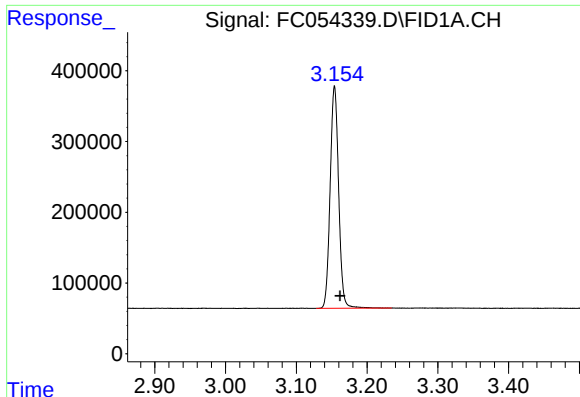
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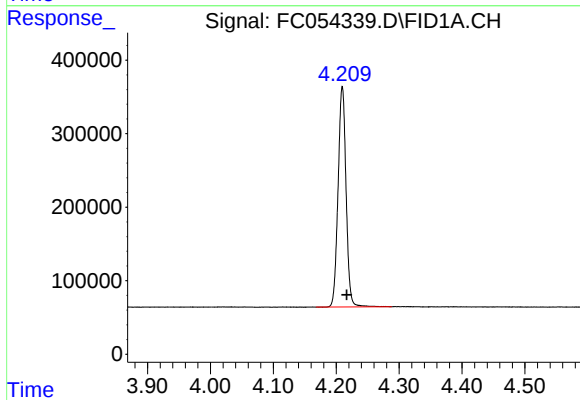
#1 n-Nonane (C9)

R.T.: 3.154 min
Delta R.T.: -0.008 min
Response: 2618359
Conc: 20.35 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

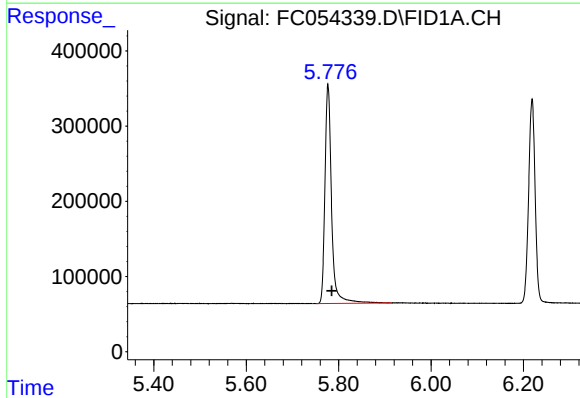
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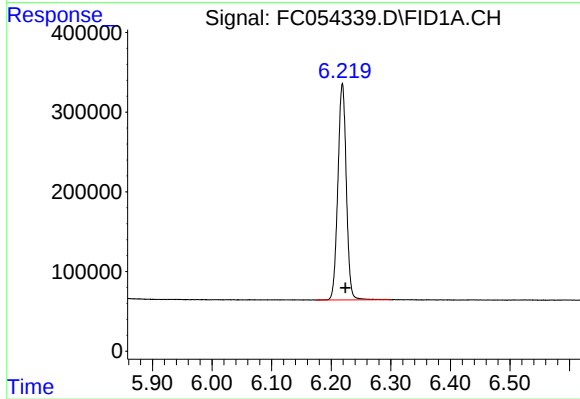
#2 n-Decane (C10)

R.T.: 4.210 min
Delta R.T.: -0.007 min
Response: 2653831
Conc: 20.70 ug/ml



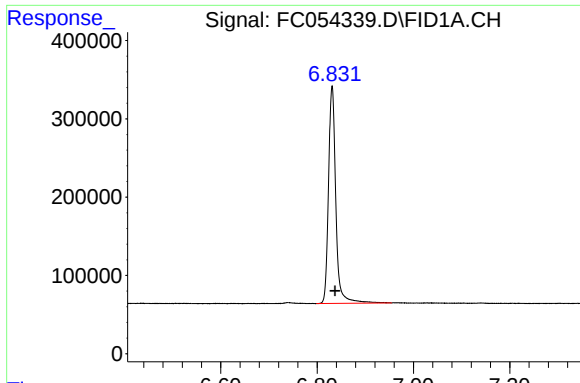
#3 A~Naphthalene (C11.7)

R.T.: 5.777 min
Delta R.T.: -0.008 min
Response: 2899944
Conc: 20.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.219 min
Delta R.T.: -0.005 min
Response: 2670759
Conc: 20.37 ug/ml



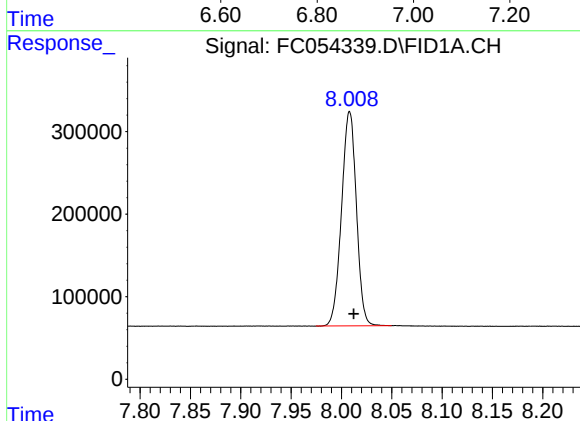
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.831 min
Delta R.T.: -0.006 min
Response: 2890888
Conc: 20.02 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

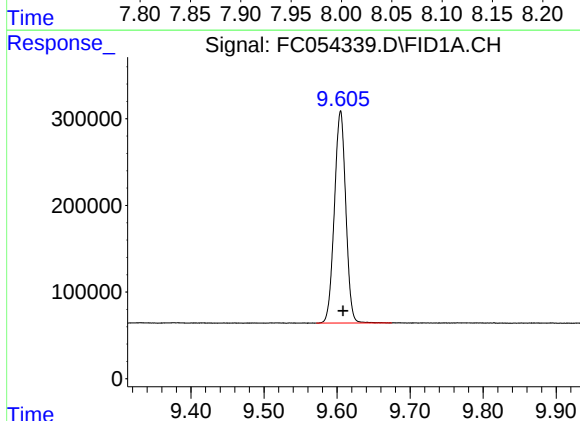
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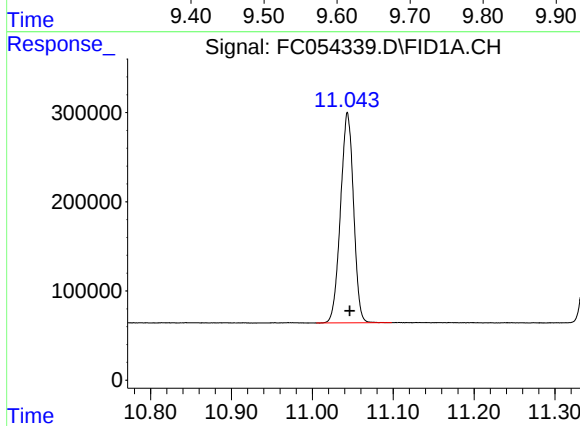
#6 n-Tetradecane (C14)

R.T.: 8.008 min
Delta R.T.: -0.004 min
Response: 2670287
Conc: 20.14 ug/ml



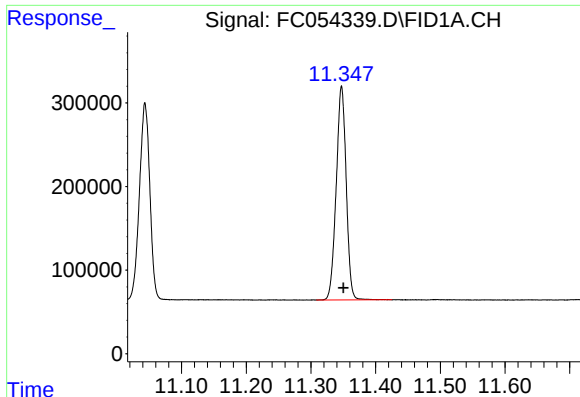
#7 n-Hexadecane (C16)

R.T.: 9.605 min
Delta R.T.: -0.004 min
Response: 2654193
Conc: 19.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.044 min
Delta R.T.: -0.003 min
Response: 2638750
Conc: 18.91 ug/ml



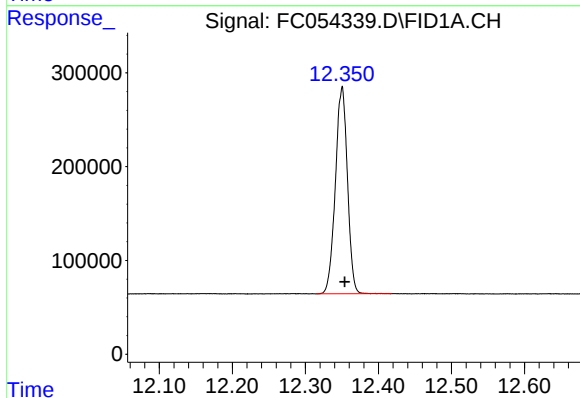
#9 ortho-Terphenyl (SURR)

R.T.: 11.347 min
Delta R.T.: -0.003 min
Response: 2741104
Conc: 18.05 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

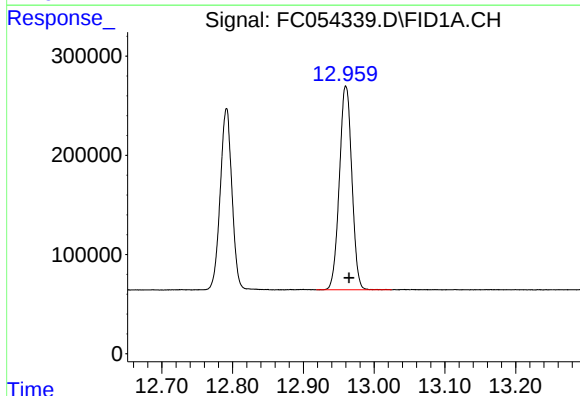
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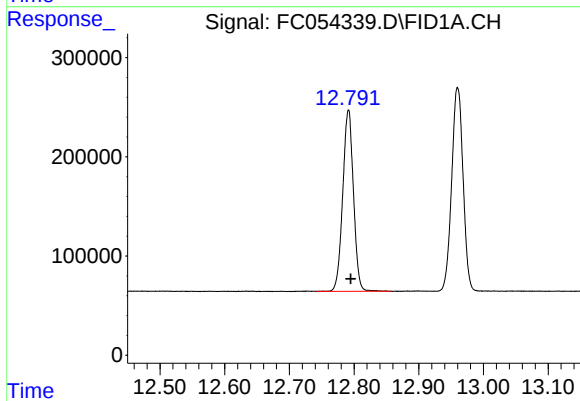
#10 n-Eicosane (C20)

R.T.: 12.350 min
Delta R.T.: -0.004 min
Response: 2532651
Conc: 18.24 ug/ml



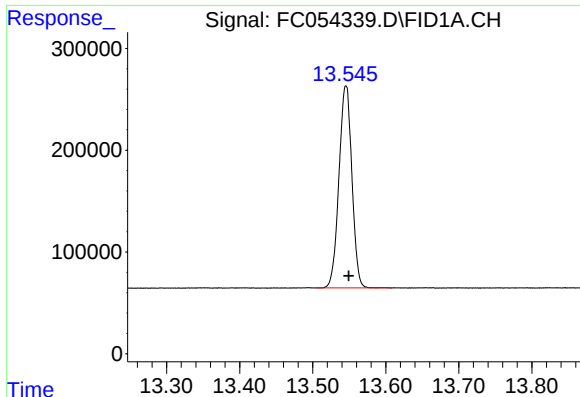
#11 n-Heneicosane (C21)

R.T.: 12.960 min
Delta R.T.: -0.004 min
Response: 2513324
Conc: 17.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.791 min
Delta R.T.: -0.004 min
Response: 2107758
Conc: 17.89 ug/ml



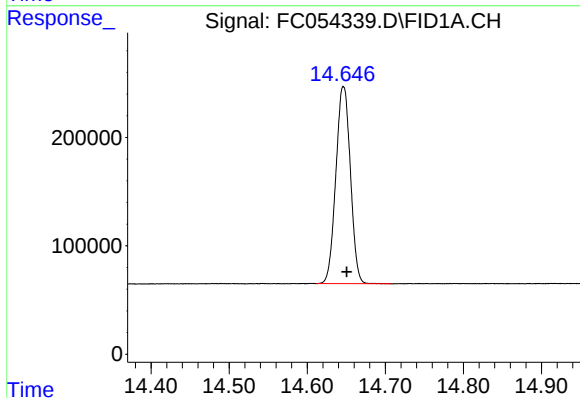
#13 n-Docosane (C22)

R.T.: 13.545 min
Delta R.T.: -0.004 min
Response: 2444826
Conc: 17.67 ug/ml

Instrument :
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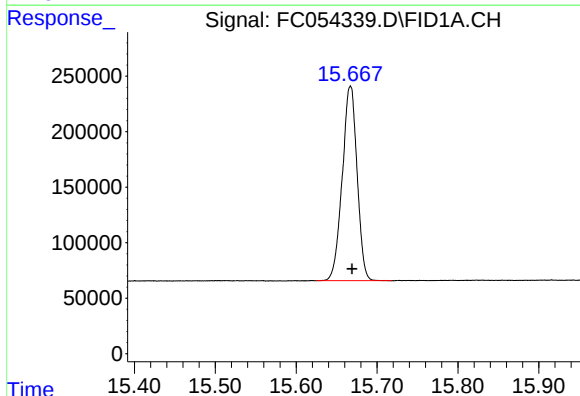
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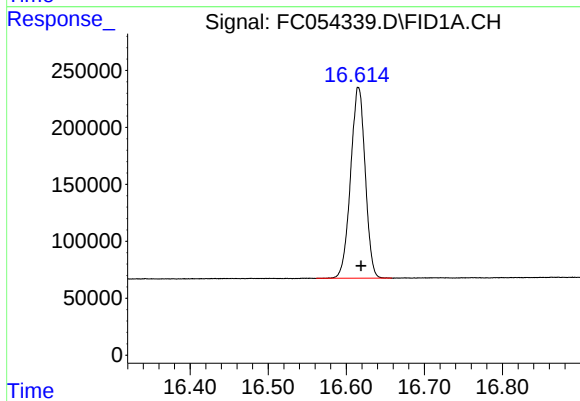
#14 n-Tetracosane (C24)

R.T.: 14.646 min
Delta R.T.: -0.004 min
Response: 2353910
Conc: 17.09 ug/ml



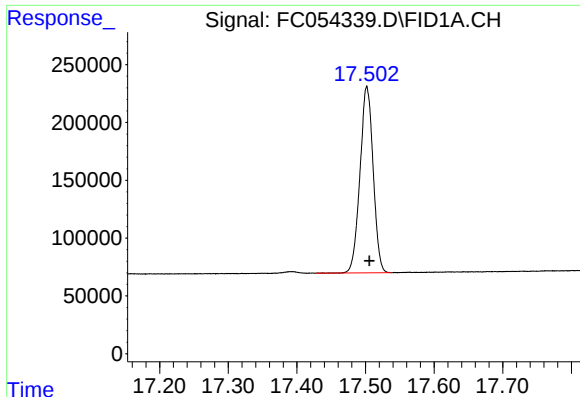
#15 n-Hexacosane (C26)

R.T.: 15.667 min
Delta R.T.: -0.002 min
Response: 2235682
Conc: 16.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.616 min
Delta R.T.: -0.003 min
Response: 2176419
Conc: 16.43 ug/ml



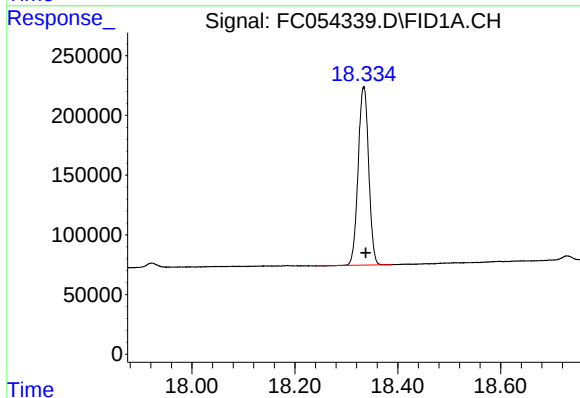
#17 n-Tricontane (C30)

R.T.: 17.502 min
Delta R.T.: -0.004 min
Response: 2145336
Conc: 16.69 ug/ml

Instrument :
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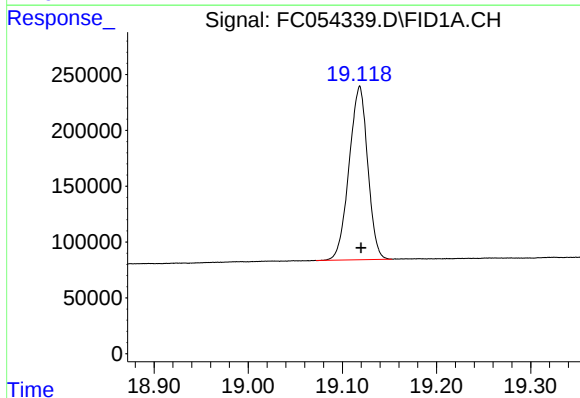
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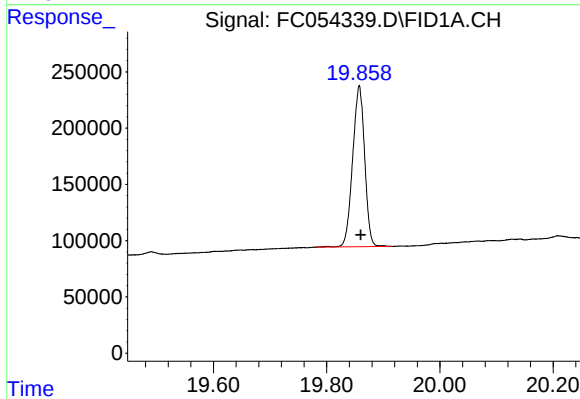
#18 n-Dotriacontane (C32)

R.T.: 18.334 min
Delta R.T.: -0.004 min
Response: 2117376
Conc: 17.21 ug/ml



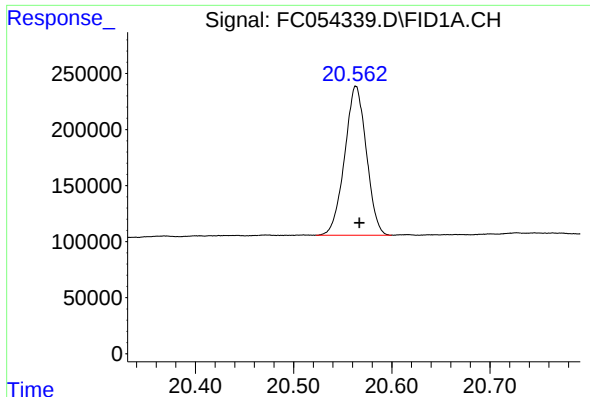
#19 n-Tetratriacontane (C34)

R.T.: 19.118 min
Delta R.T.: -0.002 min
Response: 2132007
Conc: 18.22 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.857 min
Delta R.T.: -0.002 min
Response: 2107441
Conc: 19.09 ug/ml



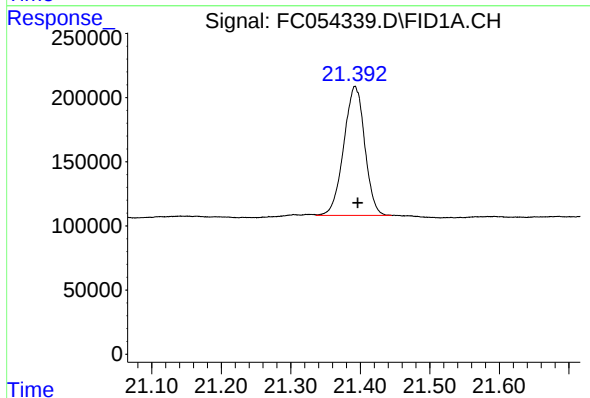
#21 n-Octatriacontane (C38)

R.T.: 20.562 min
Delta R.T.: -0.005 min
Response: 2042515
Conc: 19.98 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.392 min
Delta R.T.: -0.004 min
Response: 2106028
Conc: 19.68 ug/ml m