

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062121AL\
 Data File : FC054362.D
 Signal(s) : FID1A.CH
 Acq On : 22 Jun 2021 2:10
 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 12:30:53 PM

Integration File: autoint1.e
 Quant Time: Jun 22 03:28:00 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)	11.343	2691036	17.720 ug/ml
Spiked Amount 50.000		Recovery =	35.44%
12) S 1-chlorooctadecane (S...	12.788	2056912	17.461 ug/ml
Spiked Amount 50.000		Recovery =	34.92%
Target Compounds			
1) T n-Nonane (C9)	3.151	2607217	20.260 ug/ml
2) T n-Decane (C10)	4.207	2645905	20.641 ug/ml
3) T A~Naphthalene (C11.7)	5.774	2868748	19.861 ug/ml
4) T n-Dodecane (C12)	6.216	2649982	20.208 ug/ml
5) T A~2-methylnaphthalene...	6.827	2867734	19.863 ug/ml
6) T n-Tetradecane (C14)	8.005	2647772	19.971 ug/ml
7) T n-Hexadecane (C16)	9.601	2625048	19.406 ug/ml
8) T n-Octadecane (C18)	11.040	2600319	18.631 ug/ml
10) T n-Eicosane (C20)	12.347	2486669	17.909 ug/ml
11) T n-Heneicosane (C21)	12.957	2470554	17.686 ug/ml
13) T n-Docosane (C22)	13.542	2395828	17.314 ug/ml
14) T n-Tetracosane (C24)	14.644	2324203	16.877 ug/ml
15) T n-Hexacosane (C26)	15.662	2213554	16.434 ug/ml
16) T n-Octacosane (C28)	16.611	2182563	16.471 ug/ml
17) T n-Tricontane (C30)	17.498	2178271	16.948 ug/ml
18) T n-Dotriacontane (C32)	18.330	2152880	17.497 ug/ml
19) T n-Tetratriacontane (C34)	19.114	2157653	18.444 ug/mlm
20) T n-Hexatriacontane (C36)	19.853	2112328	19.137 ug/ml
21) T n-Octatriacontane (C38)	20.559	2068094	20.231 ug/mlm
22) T n-Tetracontane (C40)	21.386	2098051	19.608 ug/ml

(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

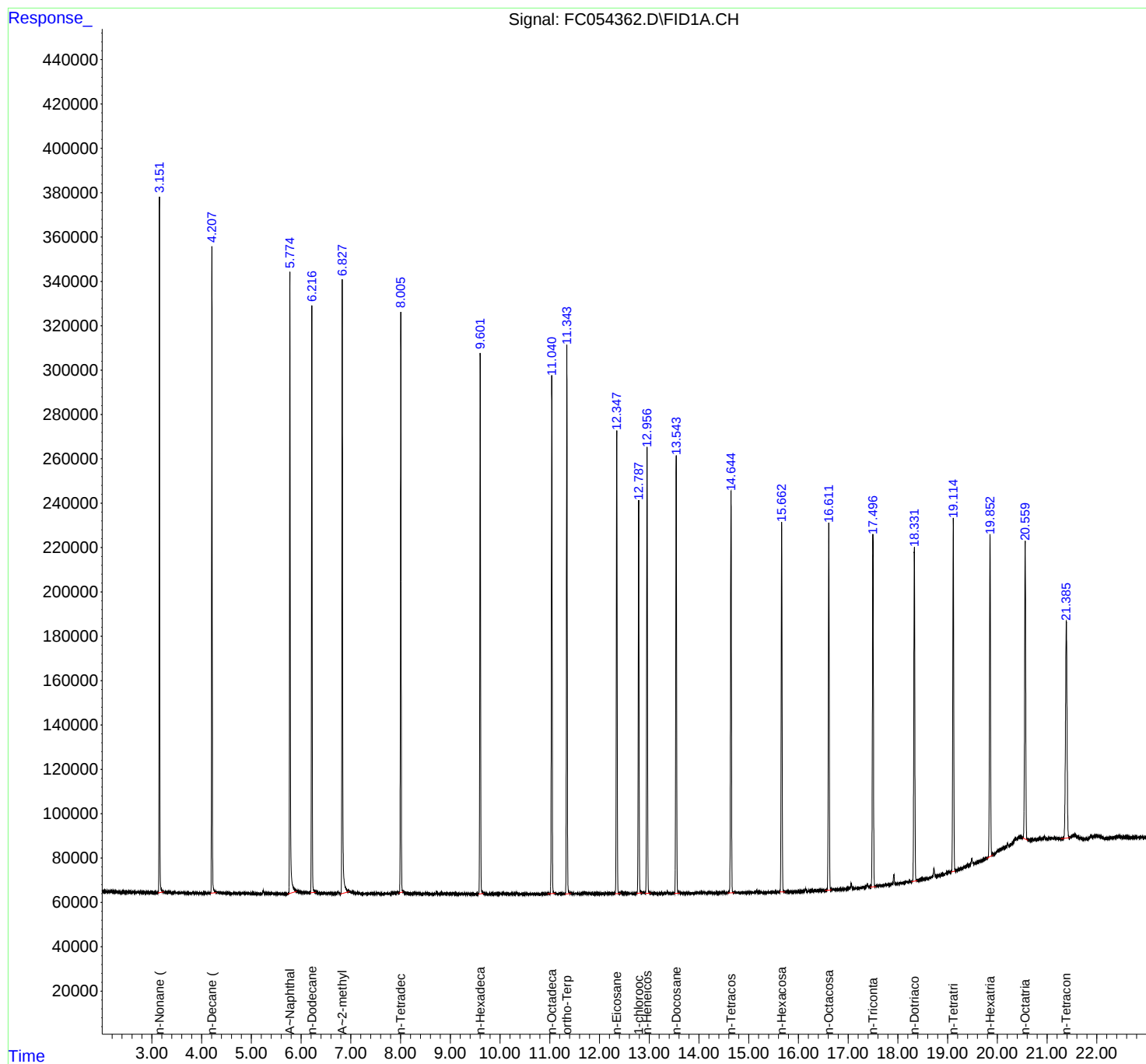
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

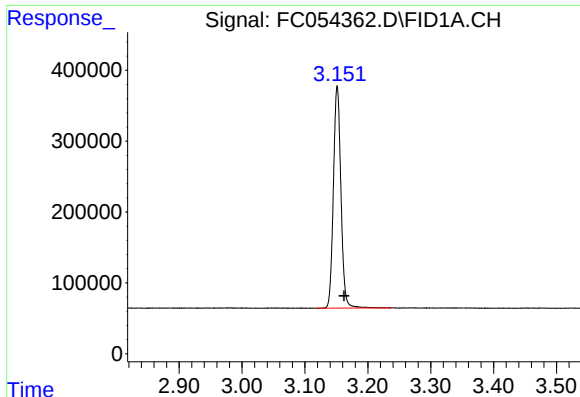
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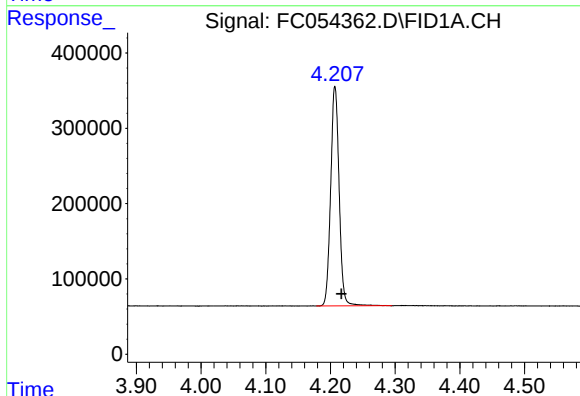
#1 n-Nonane (C9)

R.T.: 3.151 min
Delta R.T.: -0.011 min
Response: 2607217
Conc: 20.26 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

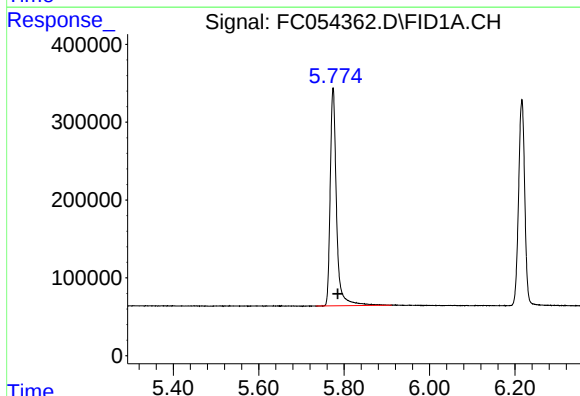
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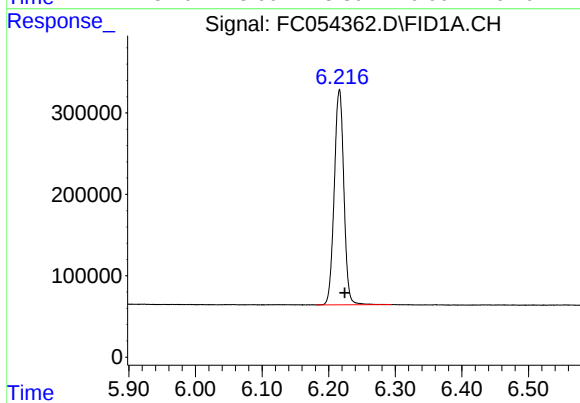
#2 n-Decane (C10)

R.T.: 4.207 min
Delta R.T.: -0.010 min
Response: 2645905
Conc: 20.64 ug/ml



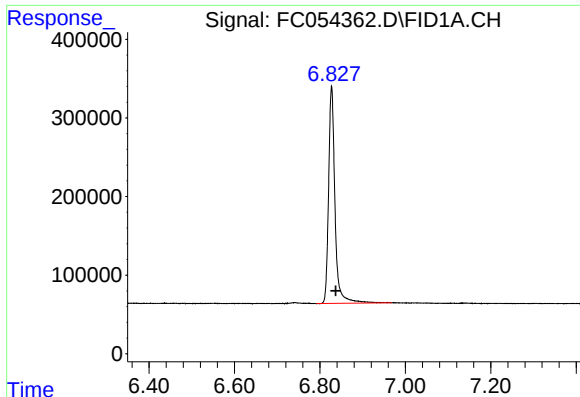
#3 A~Naphthalene (C11.7)

R.T.: 5.774 min
Delta R.T.: -0.011 min
Response: 2868748
Conc: 19.86 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.216 min
Delta R.T.: -0.008 min
Response: 2649982
Conc: 20.21 ug/ml



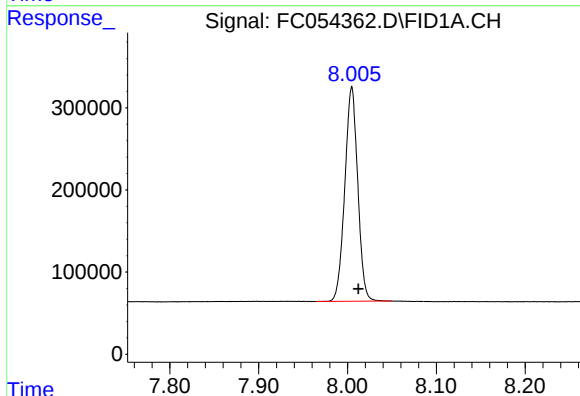
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.827 min
Delta R.T.: -0.010 min
Response: 2867734
Conc: 19.86 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

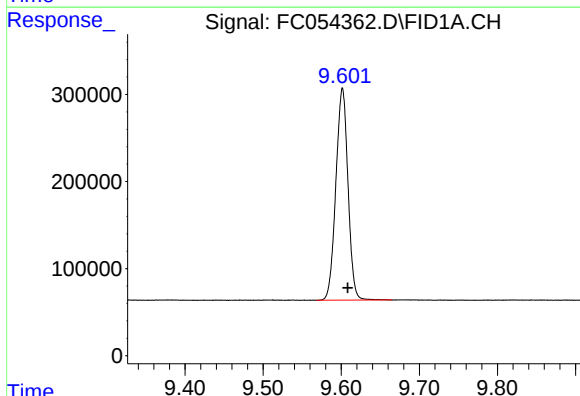
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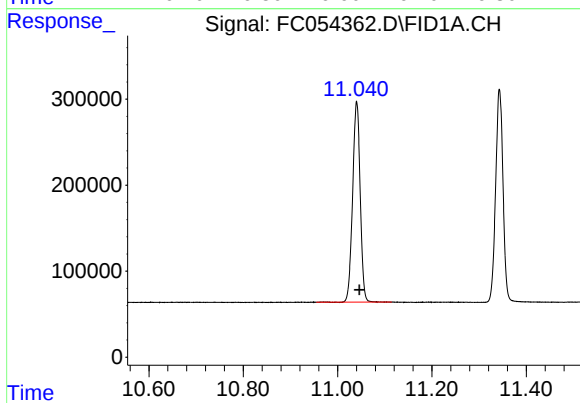
#6 n-Tetradecane (C14)

R.T.: 8.005 min
Delta R.T.: -0.008 min
Response: 2647772
Conc: 19.97 ug/ml



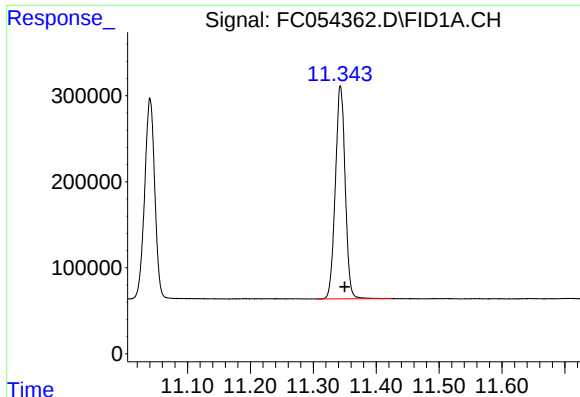
#7 n-Hexadecane (C16)

R.T.: 9.601 min
Delta R.T.: -0.007 min
Response: 2625048
Conc: 19.41 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.040 min
Delta R.T.: -0.006 min
Response: 2600319
Conc: 18.63 ug/ml



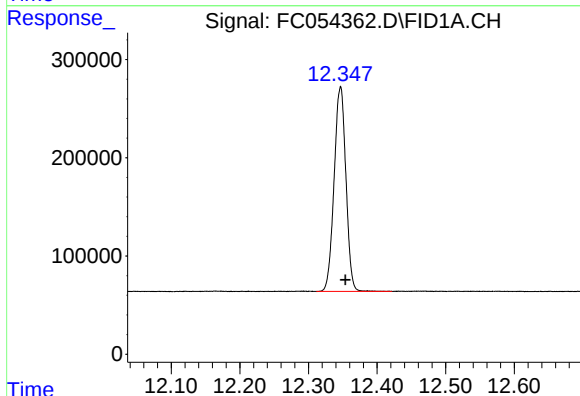
#9 ortho-Terphenyl (SURR)

R.T.: 11.343 min
Delta R.T.: -0.007 min
Response: 2691036
Conc: 17.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

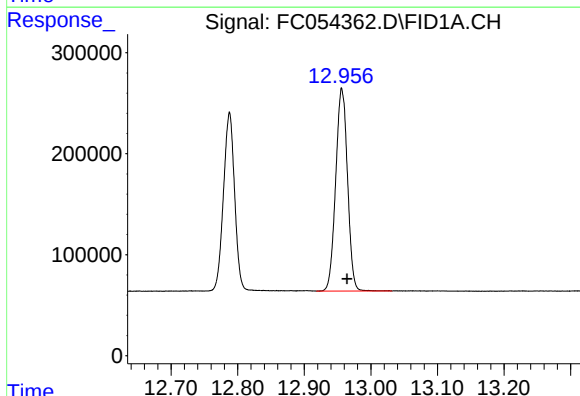
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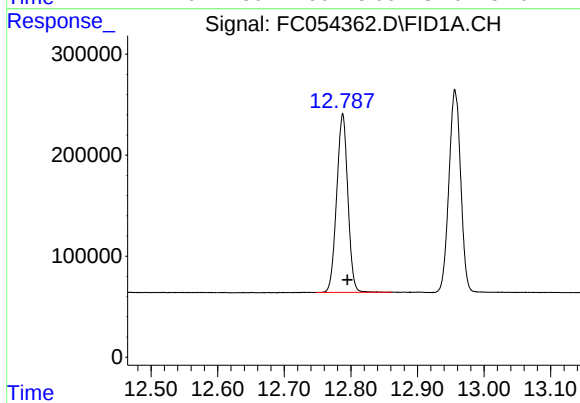
#10 n-Eicosane (C20)

R.T.: 12.347 min
Delta R.T.: -0.007 min
Response: 2486669
Conc: 17.91 ug/ml



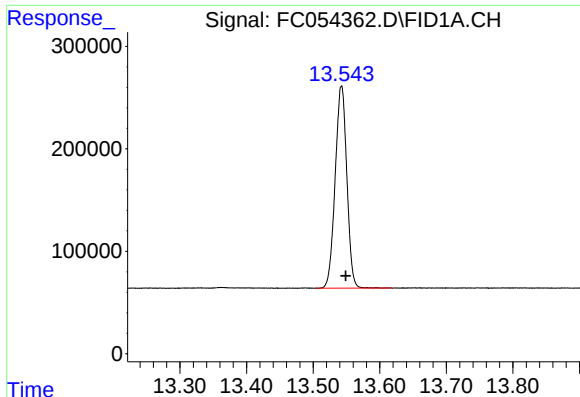
#11 n-Heneicosane (C21)

R.T.: 12.957 min
Delta R.T.: -0.008 min
Response: 2470554
Conc: 17.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.788 min
Delta R.T.: -0.007 min
Response: 2056912
Conc: 17.46 ug/ml



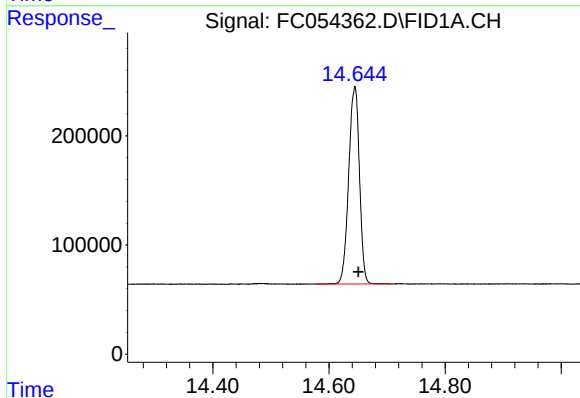
#13 n-Docosane (C22)

R.T.: 13.542 min
Delta R.T.: -0.007 min
Response: 2395828
Conc: 17.31 ug/ml

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20 PPM ALIPHATIC HC STD

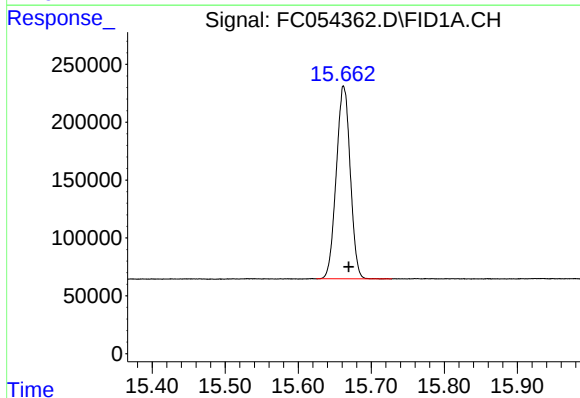
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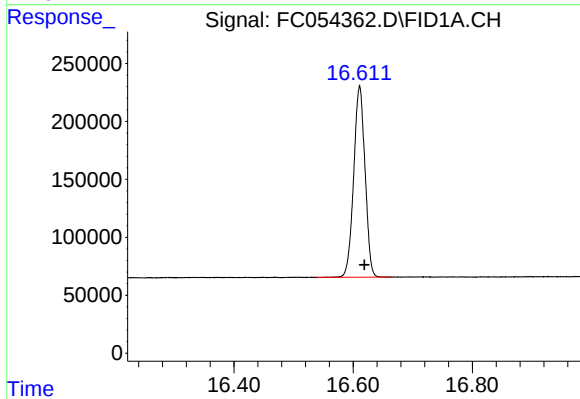
#14 n-Tetracosane (C24)

R.T.: 14.644 min
Delta R.T.: -0.007 min
Response: 2324203
Conc: 16.88 ug/ml



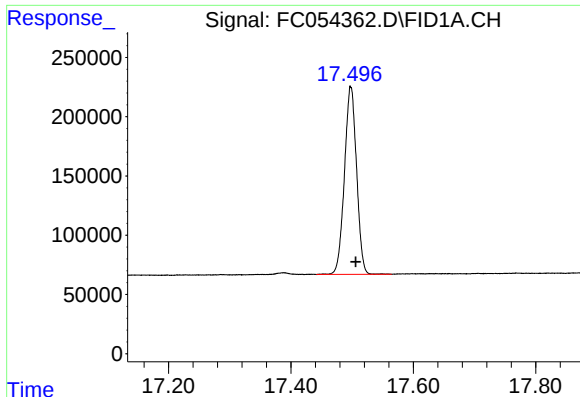
#15 n-Hexacosane (C26)

R.T.: 15.662 min
Delta R.T.: -0.007 min
Response: 2213554
Conc: 16.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.611 min
Delta R.T.: -0.008 min
Response: 2182563
Conc: 16.47 ug/ml



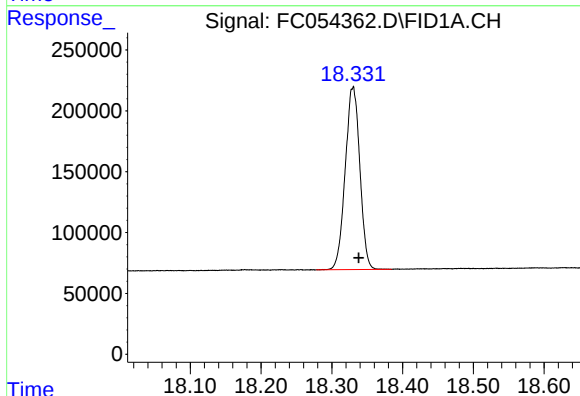
#17 n-Tricontane (C30)

R.T.: 17.498 min
Delta R.T.: -0.008 min
Response: 2178271
Conc: 16.95 ug/ml

Instrument :
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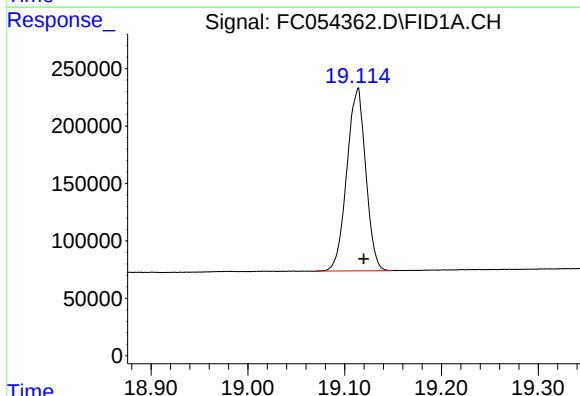
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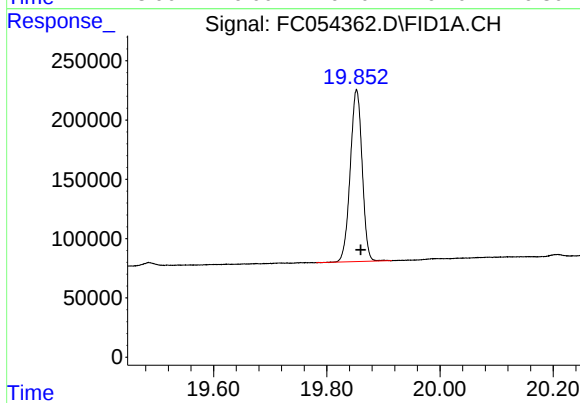
#18 n-Dotriacontane (C32)

R.T.: 18.330 min
Delta R.T.: -0.008 min
Response: 2152880
Conc: 17.50 ug/ml



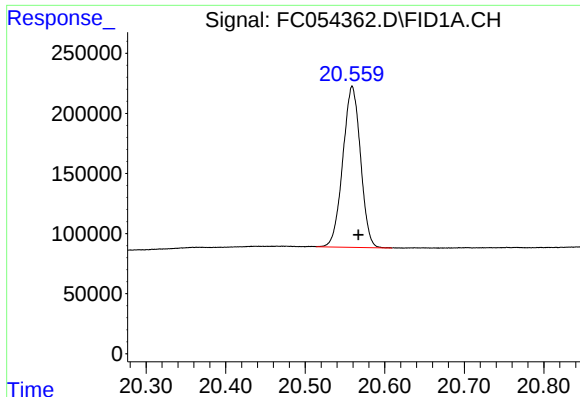
#19 n-Tetratriacontane (C34)

R.T.: 19.114 min
Delta R.T.: -0.006 min
Response: 2157653
Conc: 18.44 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.853 min
Delta R.T.: -0.007 min
Response: 2112328
Conc: 19.14 ug/ml



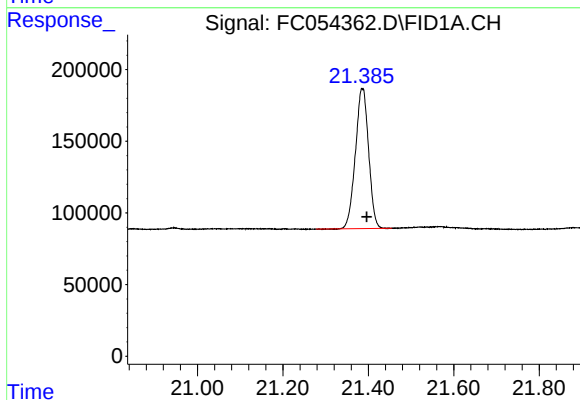
#21 n-Octatriacontane (C38)

R.T.: 20.559 min
Delta R.T.: -0.008 min
Response: 2068094
Conc: 20.23 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.386 min
Delta R.T.: -0.010 min
Response: 2098051
Conc: 19.61 ug/ml