

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061621AL\
 Data File : FC054259.D
 Signal(s) : FID1A.CH
 Acq On : 16 Jun 2021 9:13
 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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 6/17/2021 3:18:02 PM

Integration File: autoint1.e
 Quant Time: Jun 16 10:04:36 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)	11.348	2866757	18.878 ug/ml
Spiked Amount 50.000		Recovery =	37.76%
12) S 1-chlorooctadecane (S...	12.792	2188483	18.578 ug/ml
Spiked Amount 50.000		Recovery =	37.16%
Target Compounds			
1) T n-Nonane (C9)	3.155	2620039	20.359 ug/ml
2) T n-Decane (C10)	4.211	2652440	20.692 ug/ml
3) T A~Naphthalene (C11.7)	5.778	2921131	20.223 ug/ml
4) T n-Dodecane (C12)	6.220	2684166	20.469 ug/ml
5) T A~2-methylnaphthalene...	6.831	2935850	20.335 ug/ml
6) T n-Tetradecane (C14)	8.009	2696382	20.337 ug/ml
7) T n-Hexadecane (C16)	9.606	2691408	19.897 ug/ml
8) T n-Octadecane (C18)	11.044	2712826	19.437 ug/ml
10) T n-Eicosane (C20)	12.351	2622856	18.890 ug/ml
11) T n-Heneicosane (C21)	12.962	2612344	18.701 ug/ml
13) T n-Docosane (C22)	13.547	2554367	18.460 ug/ml
14) T n-Tetracosane (C24)	14.647	2476944	17.986 ug/ml
15) T n-Hexacosane (C26)	15.667	2359161	17.515 ug/ml
16) T n-Octacosane (C28)	16.615	2283094	17.230 ug/ml
17) T n-Tricontane (C30)	17.502	2222566	17.292 ug/ml
18) T n-Dotriacontane (C32)	18.334	2159984	17.555 ug/ml
19) T n-Tetratriacontane (C34)	19.116	2115648	18.085 ug/ml
20) T n-Hexatriacontane (C36)	19.855	2080762	18.851 ug/ml
21) T n-Octatriacontane (C38)	20.561	2032146	19.879 ug/mlm
22) T n-Tetracontane (C40)	21.391	2090962	19.542 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

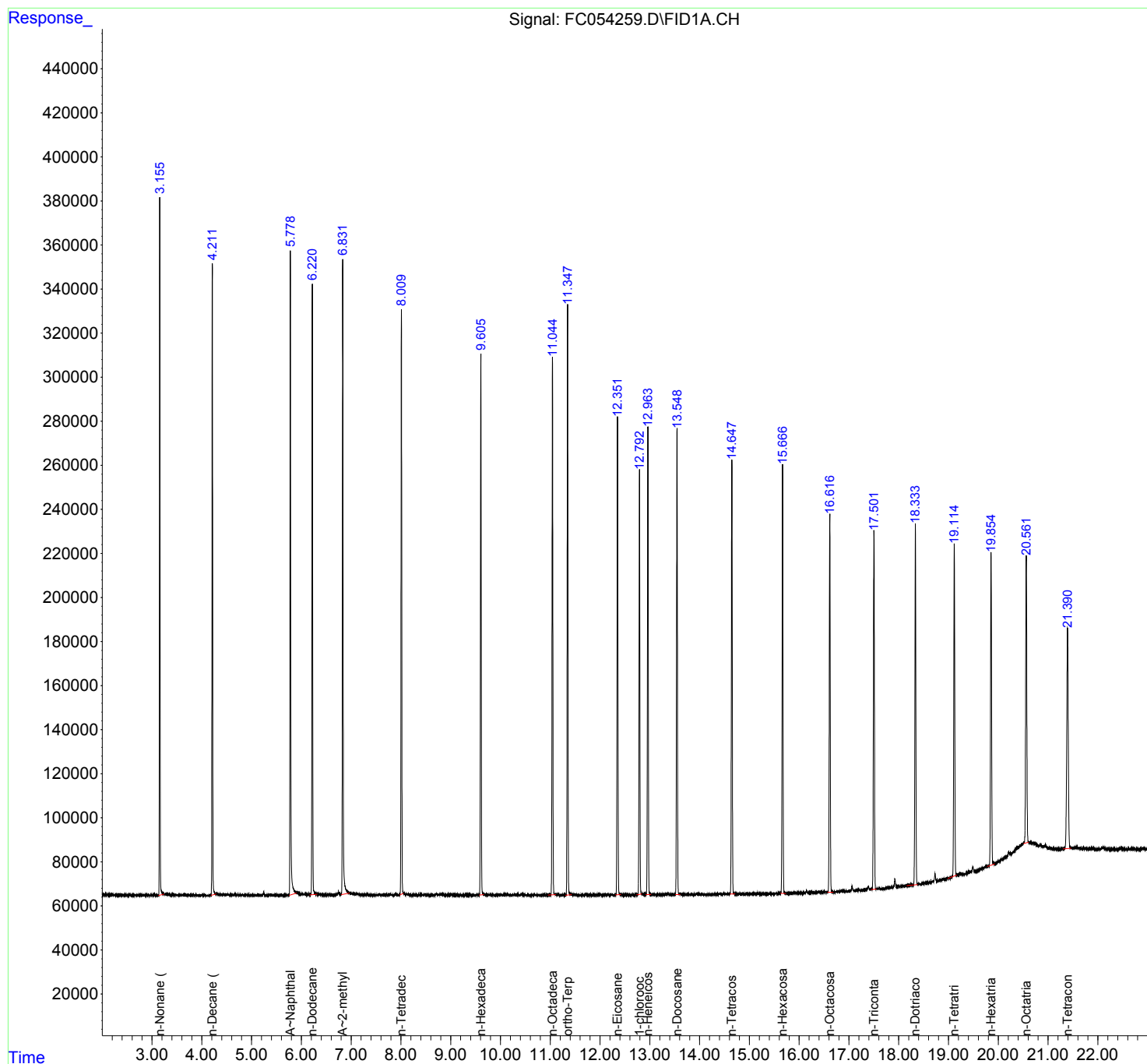
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

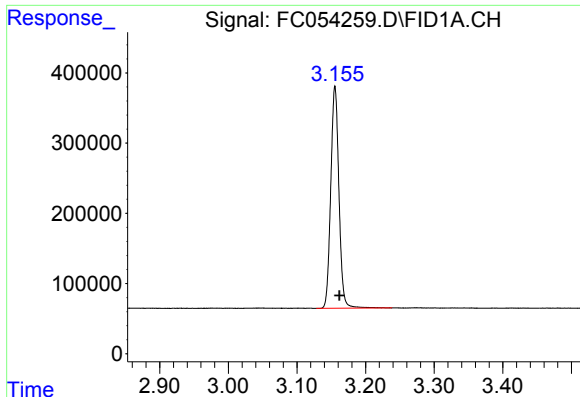
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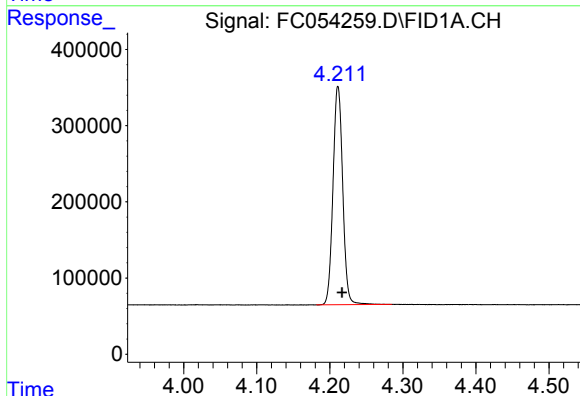
#1 n-Nonane (C9)

R.T.: 3.155 min
Delta R.T.: -0.007 min
Response: 2620039
Conc: 20.36 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

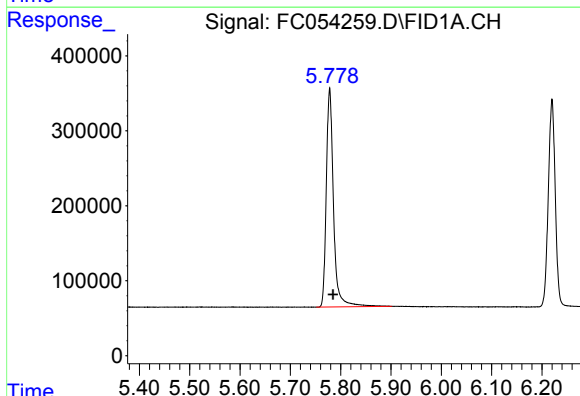
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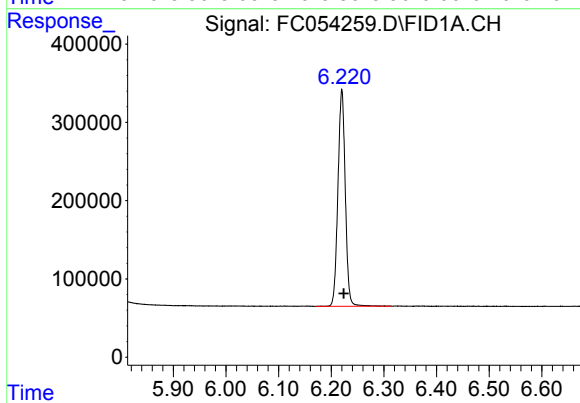
#2 n-Decane (C10)

R.T.: 4.211 min
Delta R.T.: -0.006 min
Response: 2652440
Conc: 20.69 ug/ml



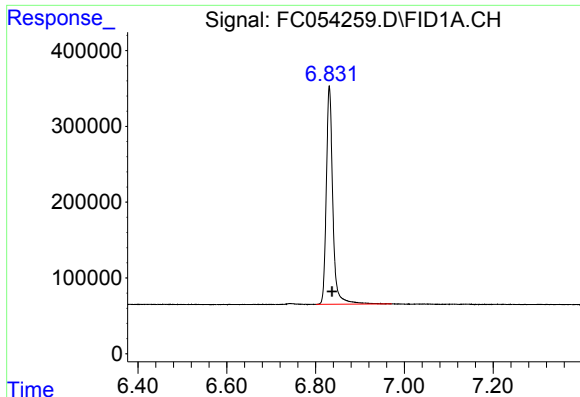
#3 A~Naphthalene (C11.7)

R.T.: 5.778 min
Delta R.T.: -0.007 min
Response: 2921131
Conc: 20.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.220 min
Delta R.T.: -0.004 min
Response: 2684166
Conc: 20.47 ug/ml



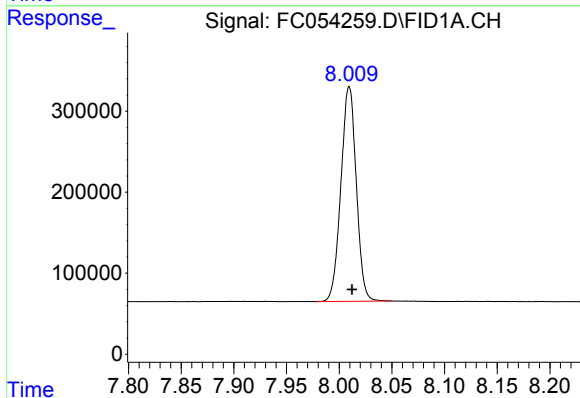
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.831 min
Delta R.T.: -0.006 min
Response: 2935850
Conc: 20.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

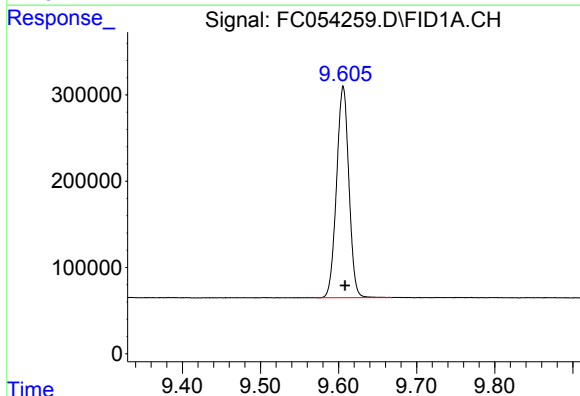
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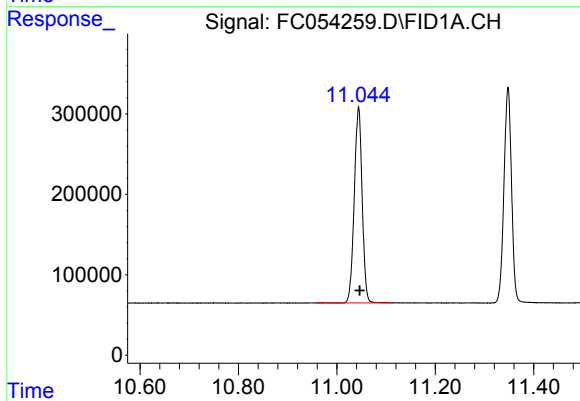
#6 n-Tetradecane (C14)

R.T.: 8.009 min
Delta R.T.: -0.003 min
Response: 2696382
Conc: 20.34 ug/ml



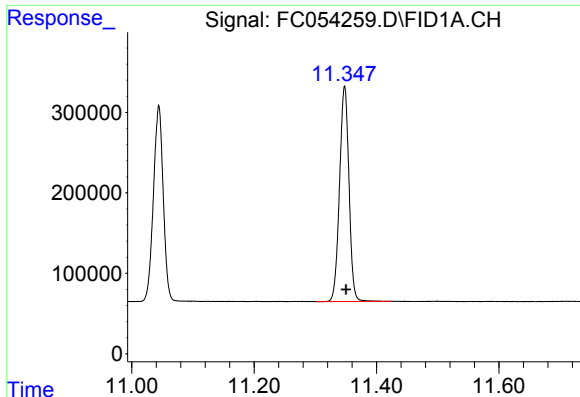
#7 n-Hexadecane (C16)

R.T.: 9.606 min
Delta R.T.: -0.003 min
Response: 2691408
Conc: 19.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.044 min
Delta R.T.: -0.002 min
Response: 2712826
Conc: 19.44 ug/ml



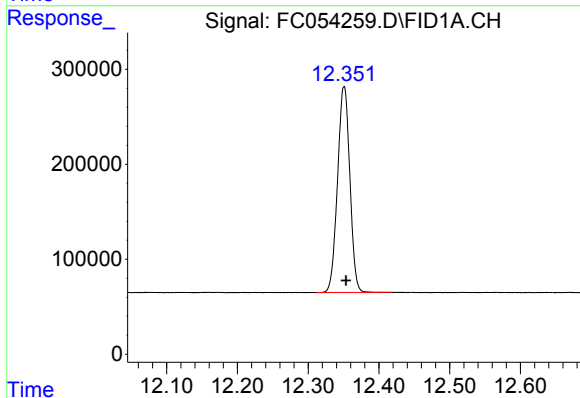
#9 ortho-Terphenyl (SURR)

R.T.: 11.348 min
Delta R.T.: -0.002 min
Response: 2866757
Conc: 18.88 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

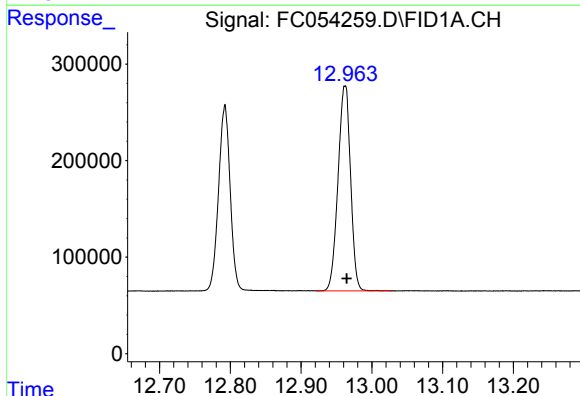
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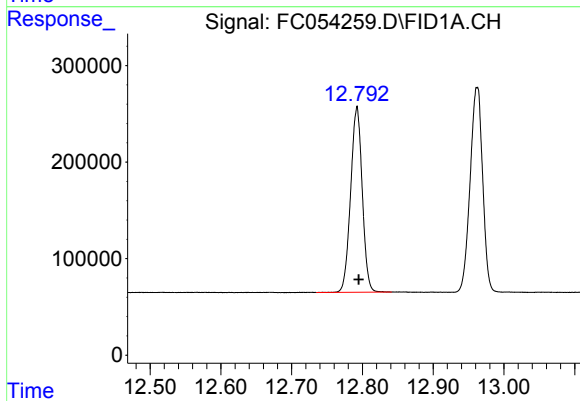
#10 n-Eicosane (C20)

R.T.: 12.351 min
Delta R.T.: -0.003 min
Response: 2622856
Conc: 18.89 ug/ml



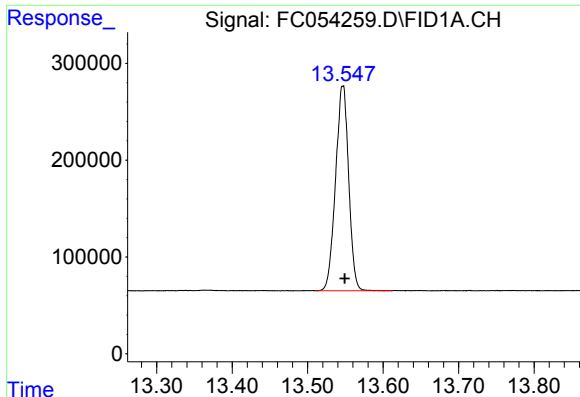
#11 n-Heneicosane (C21)

R.T.: 12.962 min
Delta R.T.: -0.003 min
Response: 2612344
Conc: 18.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.792 min
Delta R.T.: -0.003 min
Response: 2188483
Conc: 18.58 ug/ml



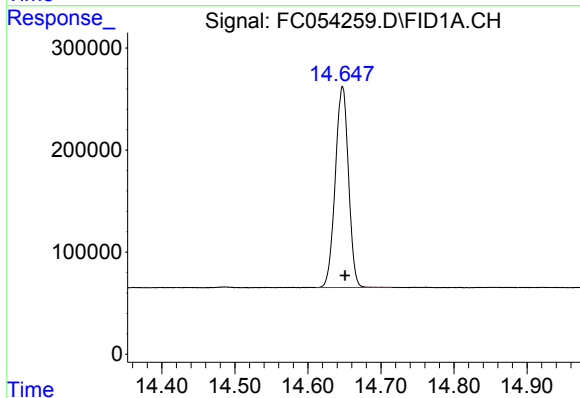
#13 n-Docosane (C22)

R.T.: 13.547 min
Delta R.T.: -0.003 min
Response: 2554367
Conc: 18.46 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

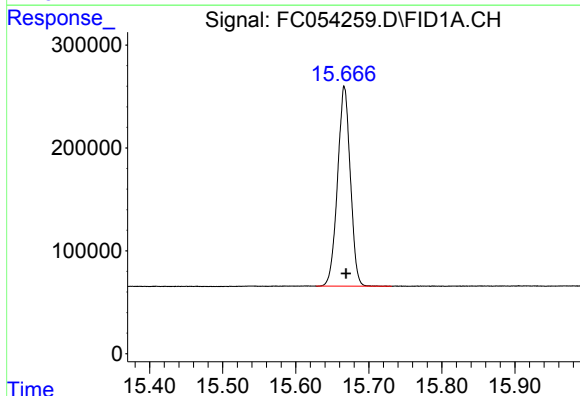
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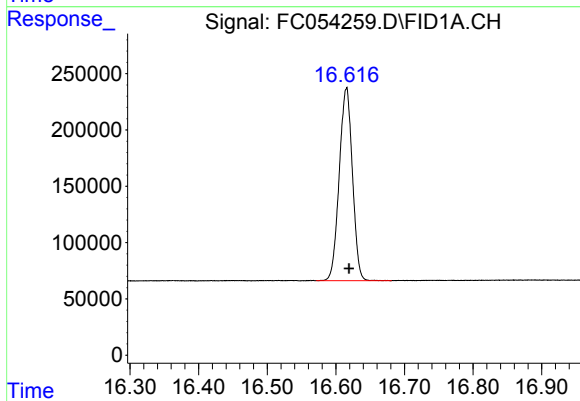
#14 n-Tetracosane (C24)

R.T.: 14.647 min
Delta R.T.: -0.003 min
Response: 2476944
Conc: 17.99 ug/ml



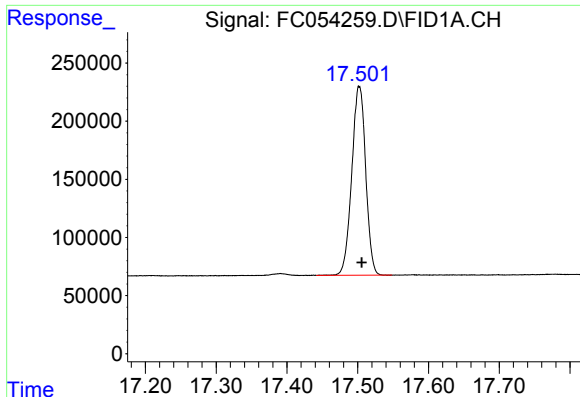
#15 n-Hexacosane (C26)

R.T.: 15.667 min
Delta R.T.: -0.003 min
Response: 2359161
Conc: 17.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.615 min
Delta R.T.: -0.004 min
Response: 2283094
Conc: 17.23 ug/ml



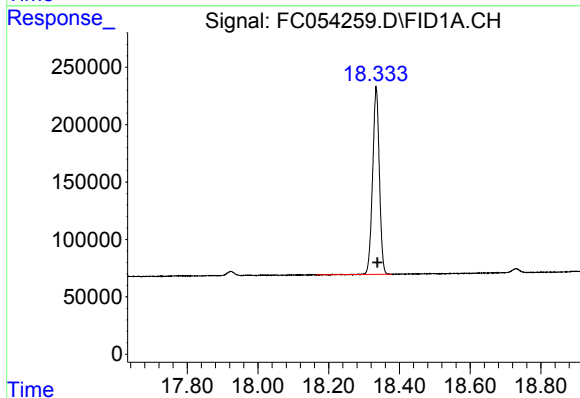
#17 n-Tricontane (C30)

R.T.: 17.502 min
Delta R.T.: -0.003 min
Response: 2222566
Conc: 17.29 ug/ml

Instrument :
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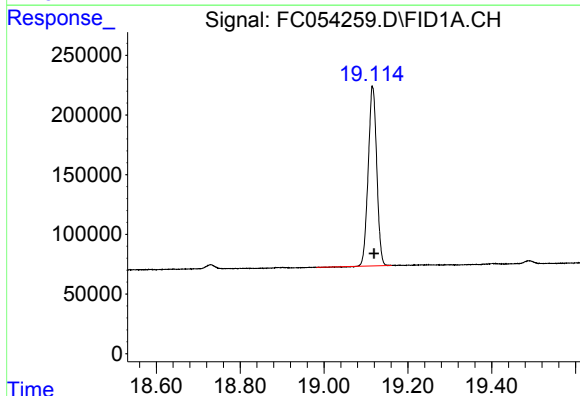
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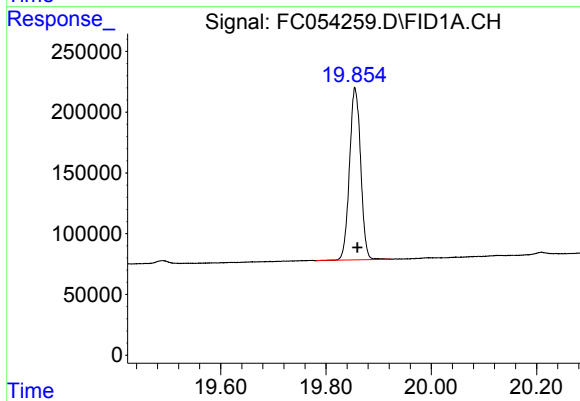
#18 n-Dotriacontane (C32)

R.T.: 18.334 min
Delta R.T.: -0.004 min
Response: 2159984
Conc: 17.56 ug/ml



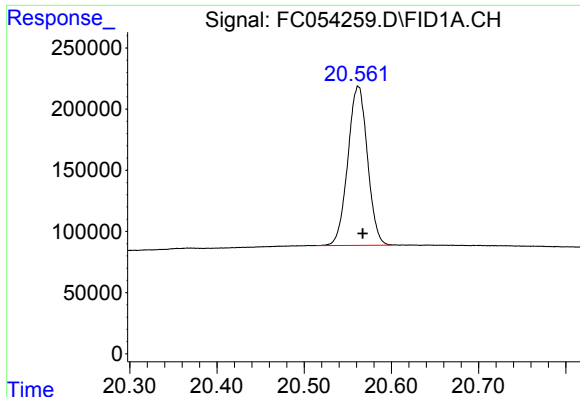
#19 n-Tetratriacontane (C34)

R.T.: 19.116 min
Delta R.T.: -0.004 min
Response: 2115648
Conc: 18.08 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.855 min
Delta R.T.: -0.004 min
Response: 2080762
Conc: 18.85 ug/ml



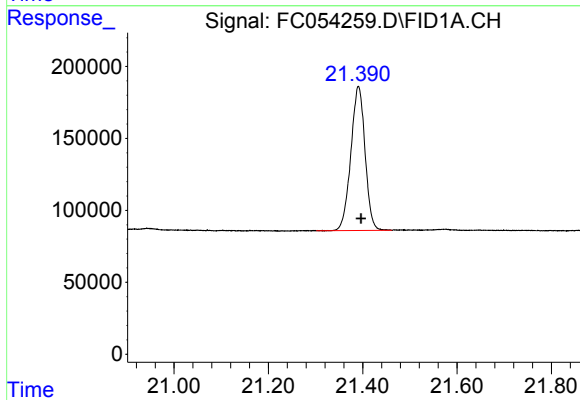
#21 n-Octatriacontane (C38)

R.T.: 20.561 min
Delta R.T.: -0.006 min
Response: 2032146
Conc: 19.88 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.391 min
Delta R.T.: -0.005 min
Response: 2090962
Conc: 19.54 ug/ml