

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121721AL\
 Data File : FC057601.D
 Signal(s) : FID1A.CH
 Acq On : 18 Dec 2021 7:49
 Operator : AJ\MA
 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

Reviewed By :Yogesh Patel 12/23/2021
 Supervised By :Ankita Jodhani 12/23/2021

Integration File: sample.E
 Quant Time: Dec 20 00:37:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:43:13 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)	10.802	2773374	19.930 ug/ml
Spiked Amount 50.000		Recovery =	39.86%
12) S 1-chlorooctadecane (S...	12.241	2134200	19.272 ug/ml
Spiked Amount 50.000		Recovery =	38.54%
Target Compounds			
1) T n-Nonane (C9)	2.673	2616752	21.180 ug/mlm
2) T n-Decane (C10)	3.677	2673813	21.467 ug/ml
3) T A~Naphthalene (C11.7)	5.231	2988649	21.543 ug/ml
4) T n-Dodecane (C12)	5.663	2666963	21.596 ug/ml
5) T A~2-methylnaphthalene...	6.278	3021056	21.603 ug/ml
6) T n-Tetradecane (C14)	7.452	2683084	21.668 ug/ml
7) T n-Hexadecane (C16)	9.051	2643466	21.082 ug/ml
8) T n-Octadecane (C18)	10.492	2646599	20.447 ug/ml
10) T n-Eicosane (C20)	11.799	2550349	19.631 ug/ml
11) T n-Heneicosane (C21)	12.410	2539163	19.347 ug/ml
13) T n-Docosane (C22)	12.996	2483773	18.897 ug/ml
14) T n-Tetracosane (C24)	14.098	2443153	18.369 ug/ml
15) T n-Hexacosane (C26)	15.118	2337031	17.823 ug/mlm
16) T n-Octacosane (C28)	16.066	2315459	17.608 ug/ml
17) T n-Tricontane (C30)	16.954	2331449	17.059 ug/ml
18) T n-Dotriacontane (C32)	17.786	2321865	17.317 ug/ml
19) T n-Tetratriacontane (C34)	18.570	2297658	17.621 ug/mlm
20) T n-Hexatriacontane (C36)	19.308	2233528	18.810 ug/mlm
21) T n-Octatriacontane (C38)	20.031	2183984	19.885 ug/mlm
22) T n-Tetracontane (C40)	20.905	2144976	21.483 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

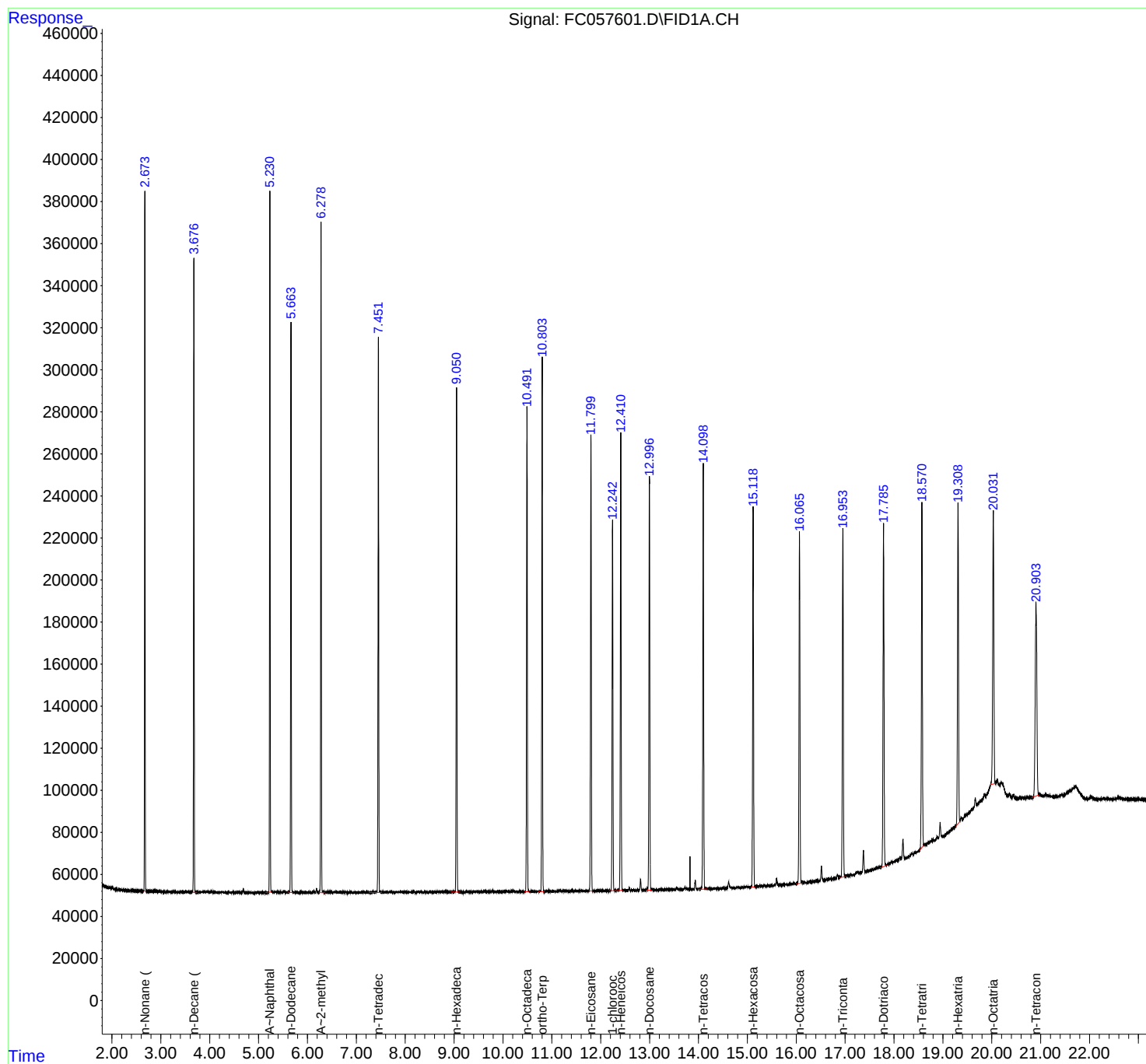
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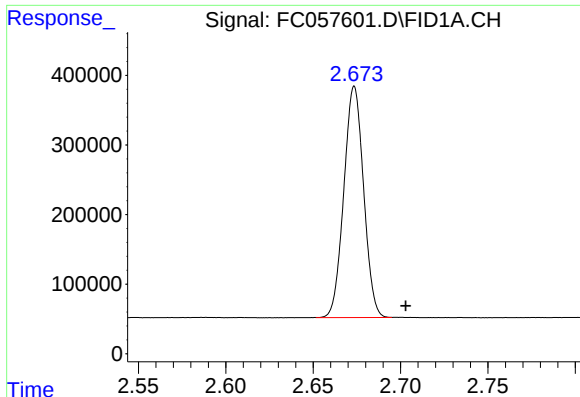
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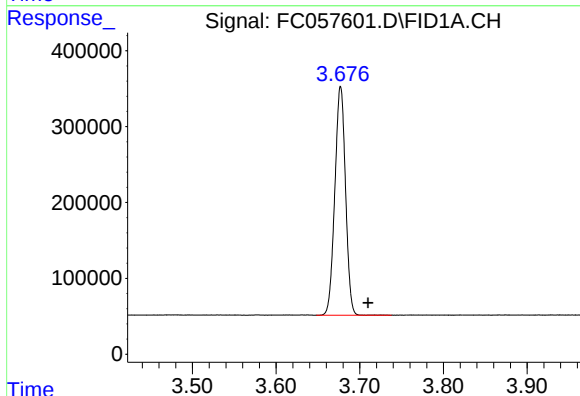
#1 n-Nonane (C9)

R.T.: 2.673 min
Delta R.T.: -0.030 min
Response: 2616752
Conc: 21.18 ug/ml

Instrument :
FID_C
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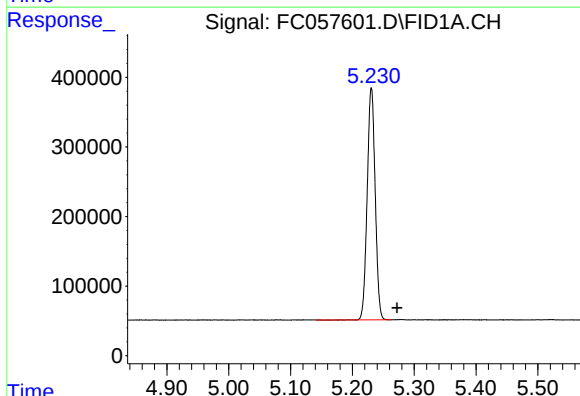
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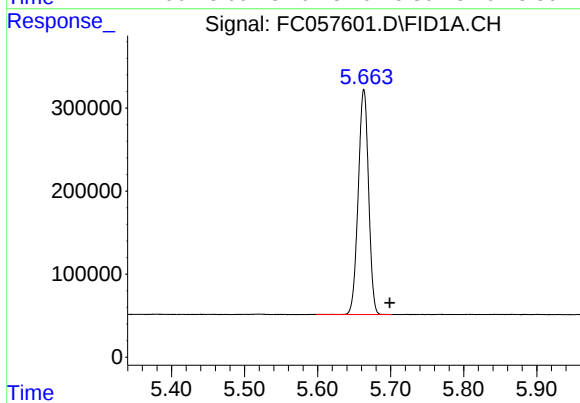
#2 n-Decane (C10)

R.T.: 3.677 min
Delta R.T.: -0.033 min
Response: 2673813
Conc: 21.47 ug/ml



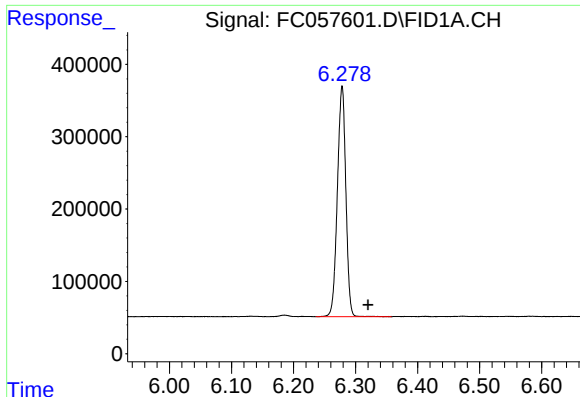
#3 A~Naphthalene (C11.7)

R.T.: 5.231 min
Delta R.T.: -0.041 min
Response: 2988649
Conc: 21.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.663 min
Delta R.T.: -0.036 min
Response: 2666963
Conc: 21.60 ug/ml



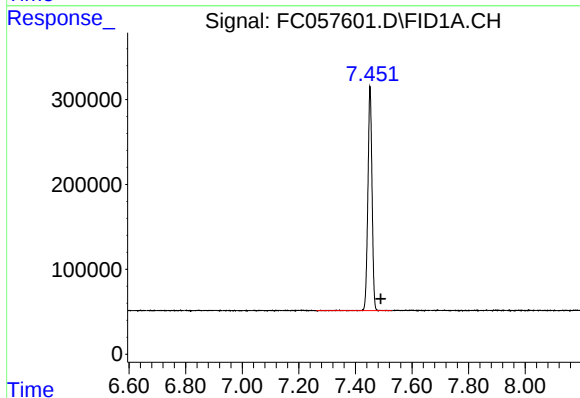
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.278 min
Delta R.T.: -0.042 min
Response: 3021056
Conc: 21.60 ug/ml

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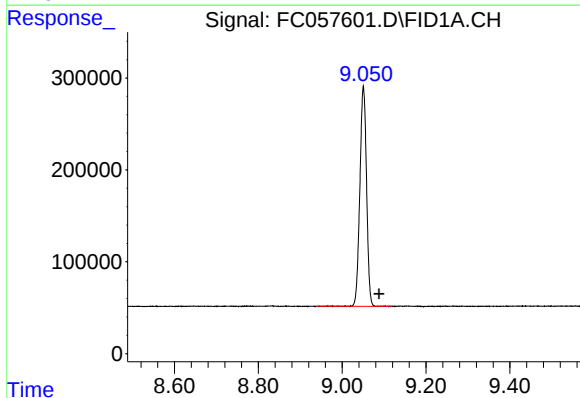
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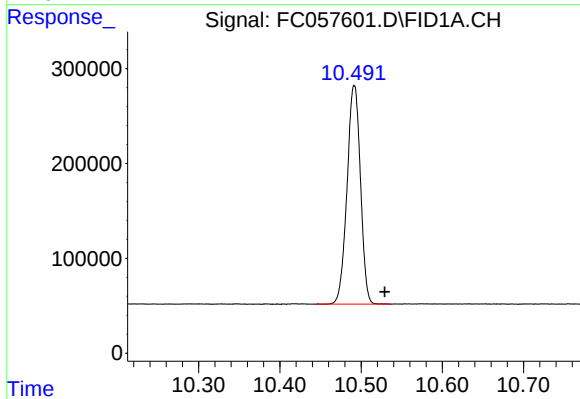
#6 n-Tetradecane (C14)

R.T.: 7.452 min
Delta R.T.: -0.037 min
Response: 2683084
Conc: 21.67 ug/ml



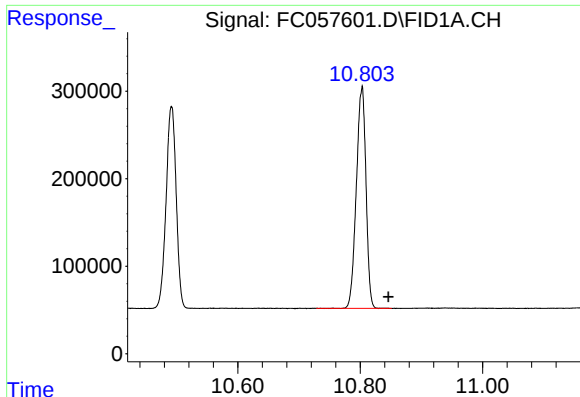
#7 n-Hexadecane (C16)

R.T.: 9.051 min
Delta R.T.: -0.037 min
Response: 2643466
Conc: 21.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.492 min
Delta R.T.: -0.037 min
Response: 2646599
Conc: 20.45 ug/ml



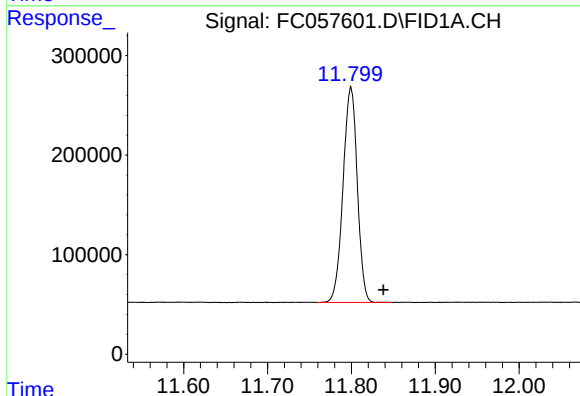
#9 ortho-Terphenyl (SURR)

R.T.: 10.802 min
Delta R.T.: -0.044 min
Response: 2773374
Conc: 19.93 ug/ml

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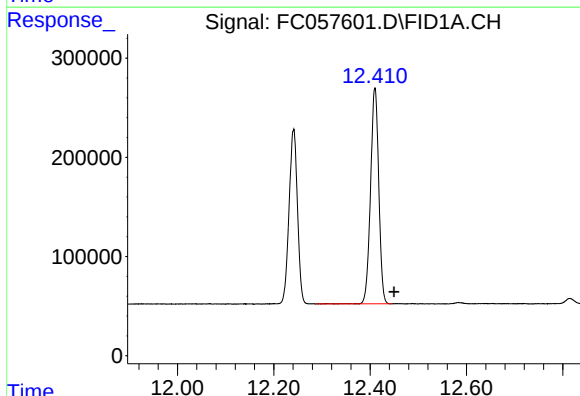
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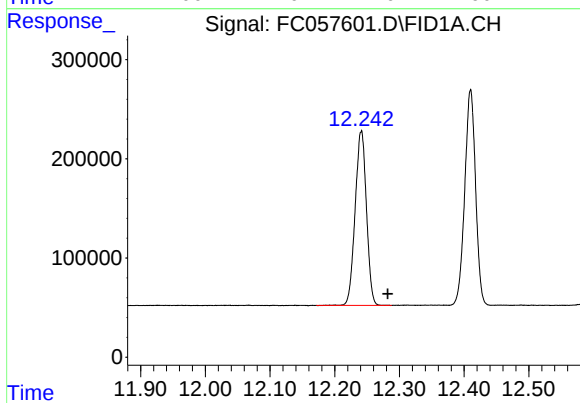
#10 n-Eicosane (C20)

R.T.: 11.799 min
Delta R.T.: -0.039 min
Response: 2550349
Conc: 19.63 ug/ml



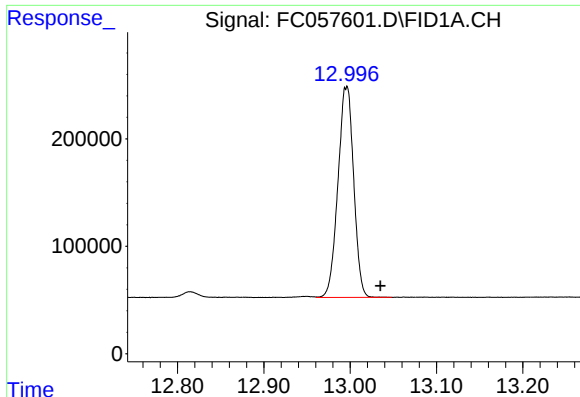
#11 n-Heneicosane (C21)

R.T.: 12.410 min
Delta R.T.: -0.040 min
Response: 2539163
Conc: 19.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.241 min
Delta R.T.: -0.041 min
Response: 2134200
Conc: 19.27 ug/ml



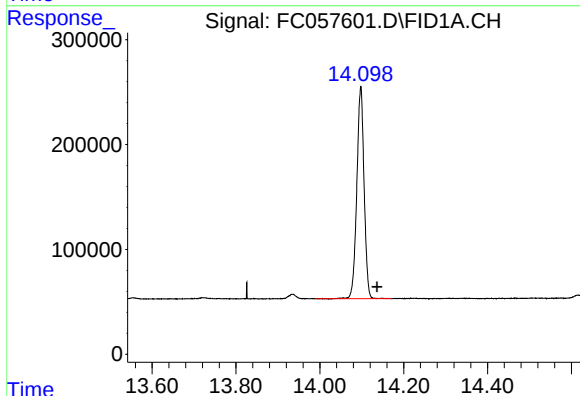
#13 n-Docosane (C22)

R.T.: 12.996 min
Delta R.T.: -0.039 min
Response: 2483773
Conc: 18.90 ug/ml

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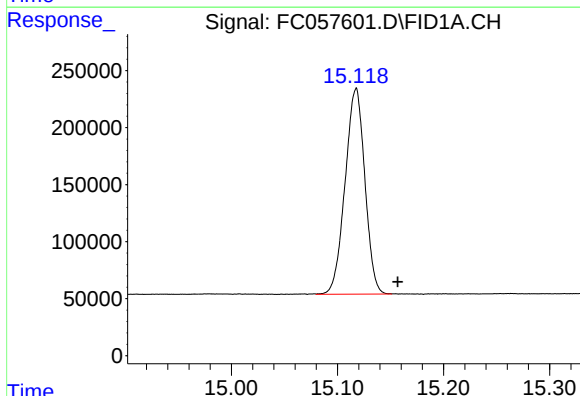
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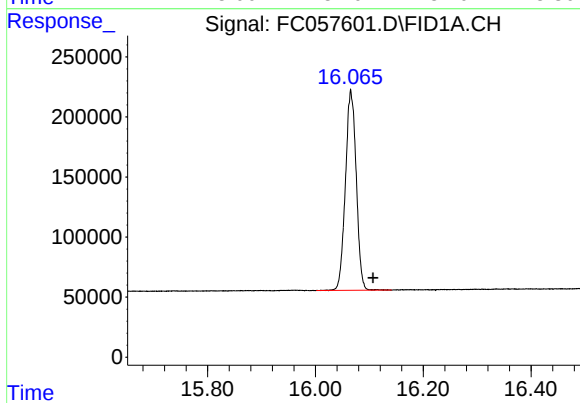
#14 n-Tetracosane (C24)

R.T.: 14.098 min
Delta R.T.: -0.039 min
Response: 2443153
Conc: 18.37 ug/ml



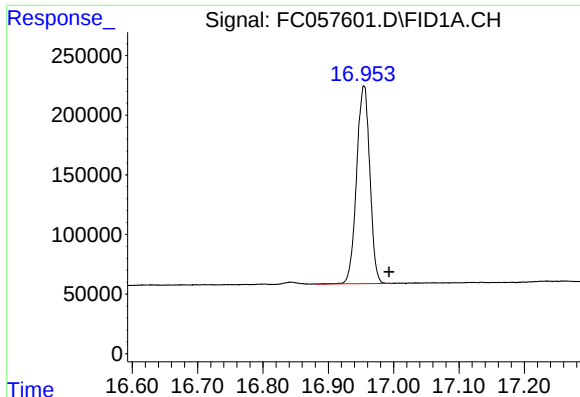
#15 n-Hexacosane (C26)

R.T.: 15.118 min
Delta R.T.: -0.039 min
Response: 2337031
Conc: 17.82 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.066 min
Delta R.T.: -0.041 min
Response: 2315459
Conc: 17.61 ug/ml



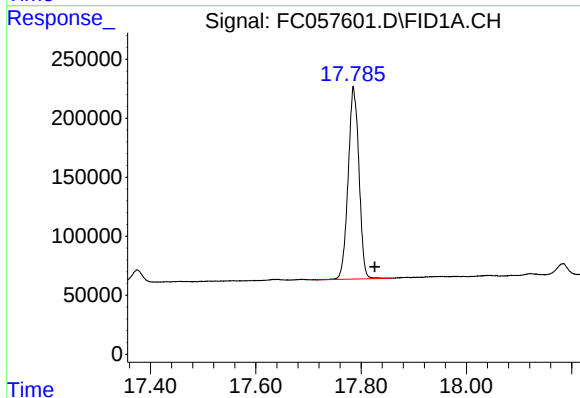
#17 n-Tricontane (C30)

R.T.: 16.954 min
Delta R.T.: -0.039 min
Response: 2331449
Conc: 17.06 ug/ml

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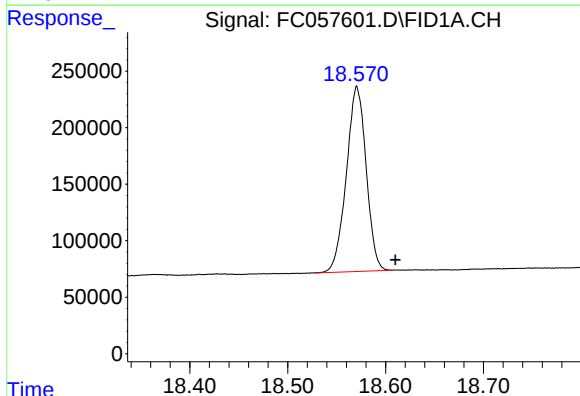
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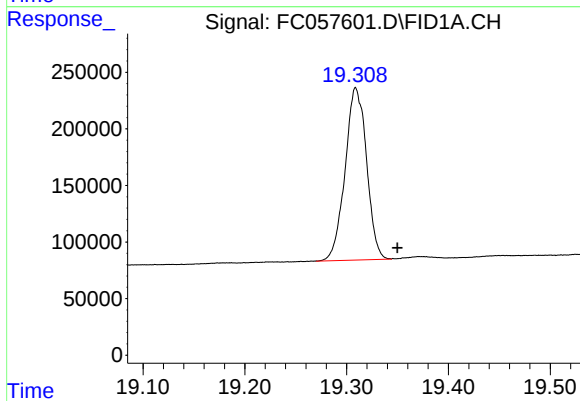
#18 n-Dotriacontane (C32)

R.T.: 17.786 min
Delta R.T.: -0.040 min
Response: 2321865
Conc: 17.32 ug/ml



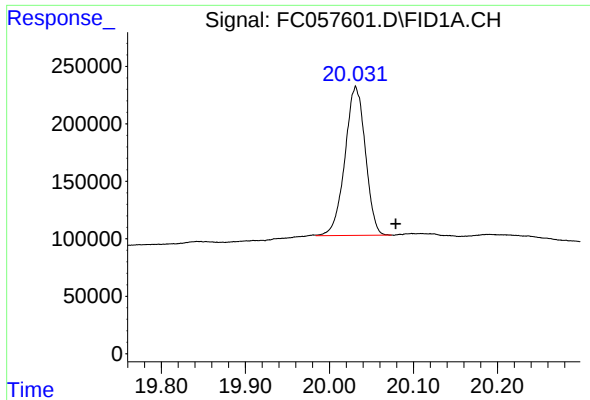
#19 n-Tetratriacontane (C34)

R.T.: 18.570 min
Delta R.T.: -0.040 min
Response: 2297658
Conc: 17.62 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.308 min
Delta R.T.: -0.042 min
Response: 2233528
Conc: 18.81 ug/ml m



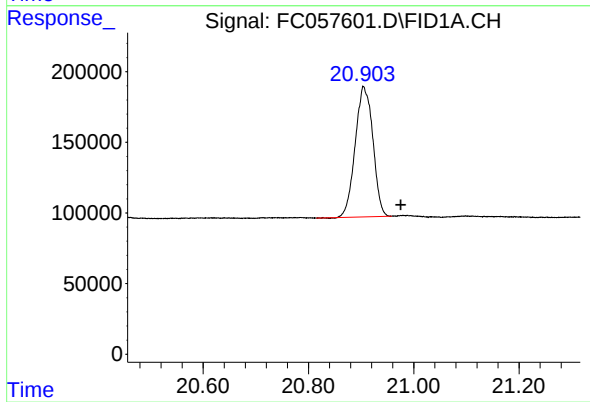
#21 n-Octatriacontane (C38)

R.T.: 20.031 min
Delta R.T.: -0.048 min
Response: 2183984
Conc: 19.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.905 min
Delta R.T.: -0.070 min
Response: 2144976
Conc: 21.48 ug/ml