

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031919AL\
 Data File : FC039998.D
 Signal(s) : FID1A.CH
 Acq On : 20 Mar 2019 00:29
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
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 3/20/2019 2:00:44 PM

Integration File: sample.E
 Quant Time: Mar 20 01:04:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022219.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 25 18:21:16 2019
 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)	11.136	3385194	20.126 ug/ml
Spiked Amount 50.000		Recovery =	40.25%
12) S 1-chlorooctadecane (S...	12.582	2502129	19.836 ug/ml
Spiked Amount 50.000		Recovery =	39.67%
Target Compounds			
1) T n-Nonane (C9)	3.008	1686511	14.052 ug/ml
2) T n-Decane (C10)	4.058	1869075	15.515 ug/ml
3) T A~Naphthalene (C11.7)	5.608	2571524	19.762 ug/ml
4) T n-Dodecane (C12)	6.055	2260612	18.297 ug/ml
5) T A~2-methylnaphthalene...	6.652	2589904	19.971 ug/mlm
6) T n-Tetradecane (C14)	7.831	2554844	20.059 ug/ml
7) T n-Hexadecane (C16)	9.417	2660201	20.528 ug/ml
8) T n-Octadecane (C18)	10.846	2617176	19.455 ug/ml
10) T n-Eicosane (C20)	12.145	2578320	19.773 ug/ml
11) T n-Heneicosane (C21)	12.754	2558315	20.172 ug/ml
13) T n-Docosane (C22)	13.335	2560191	20.324 ug/ml
14) T n-Tetracosane (C24)	14.430	2576567	20.615 ug/ml
15) T n-Hexacosane (C26)	15.446	2580202	20.685 ug/ml
16) T n-Octacosane (C28)	16.389	2603314	19.478 ug/ml
17) T n-Tricontane (C30)	17.271	2588312	17.637 ug/ml
18) T n-Dotriacontane (C32)	18.099	2501626	18.622 ug/mlm
19) T n-Tetratriacontane (C34)	18.878	2195476	19.302 ug/mlm
20) T n-Hexatriacontane (C36)	19.613	1991942	20.653 ug/mlm
21) T n-Octatriacontane (C38)	20.313	1897944	20.671 ug/mlm
22) T n-Tetracontane (C40)	21.066	1699088	18.721 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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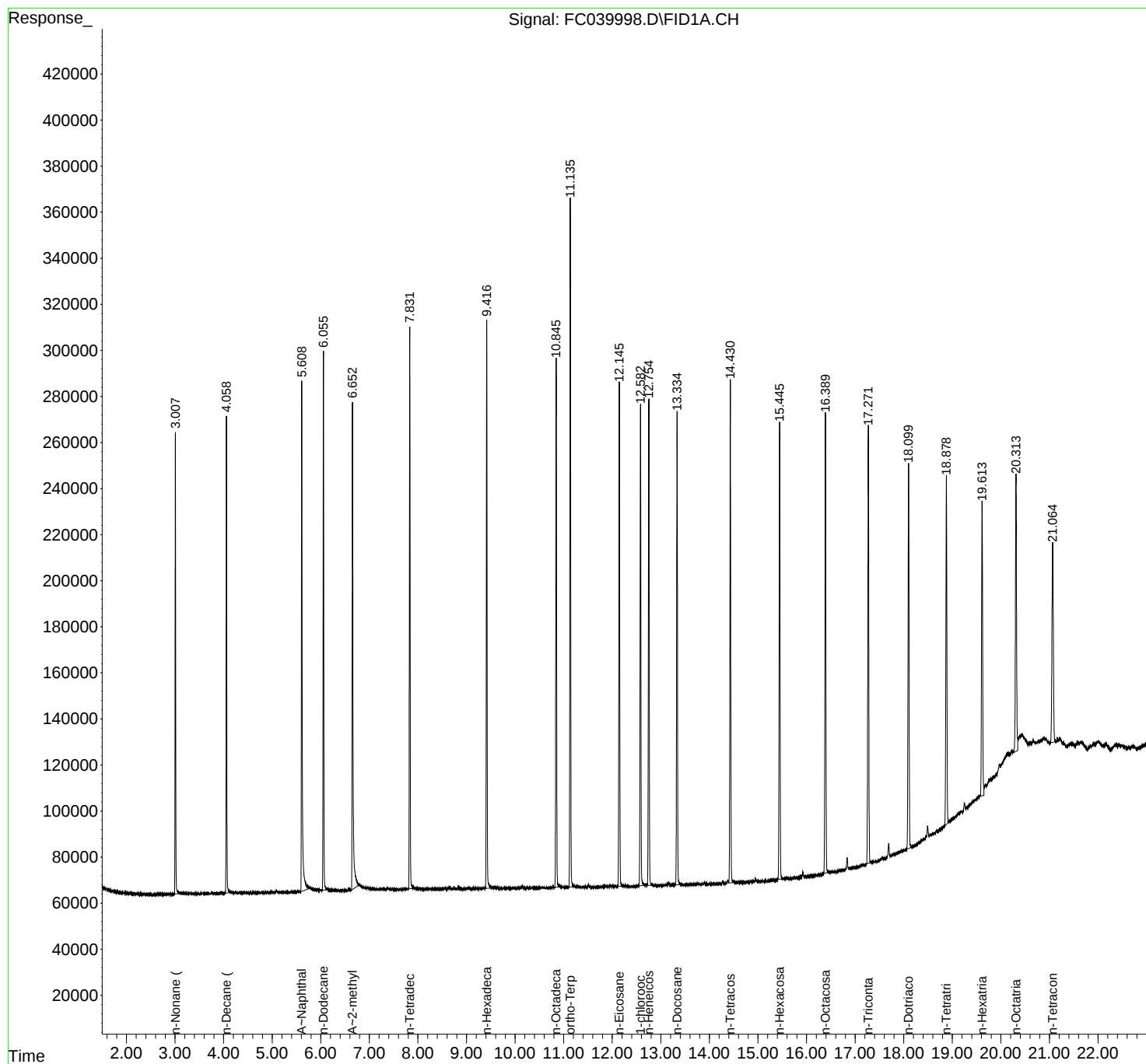
Instrument :
FID_C
ClientSampleId :

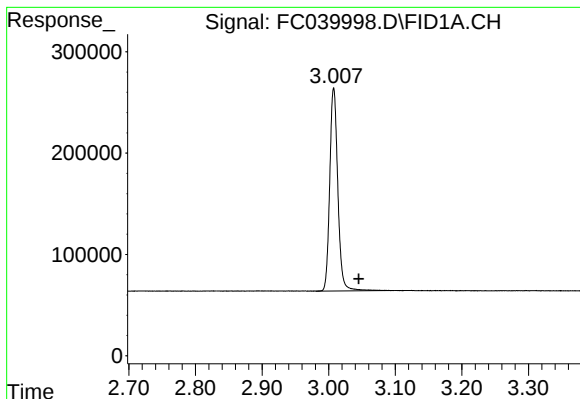
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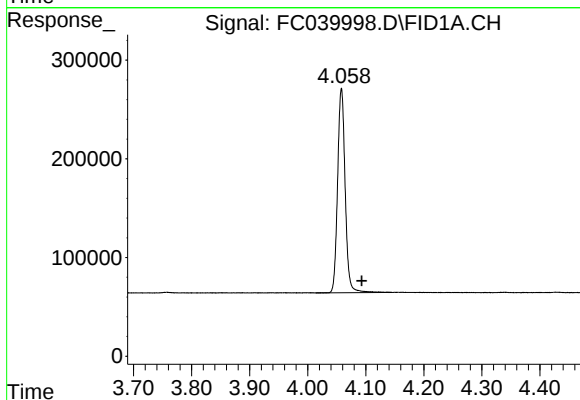
#1 n-Nonane (C9)

R.T.: 3.008 min
Delta R.T.: -0.037 min
Response: 1686511
Conc: 14.05 ug/ml

Instrument :
FID_C
ClientSampleId :

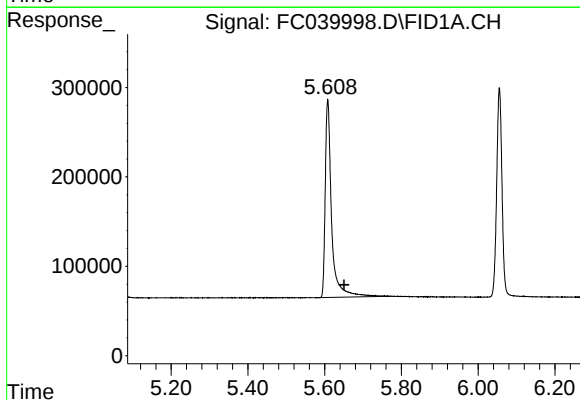
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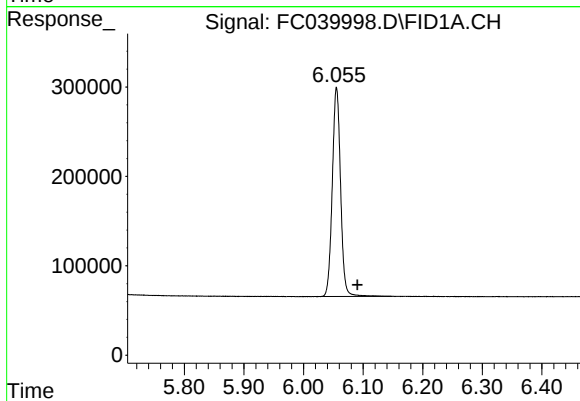
#2 n-Decane (C10)

R.T.: 4.058 min
Delta R.T.: -0.035 min
Response: 1869075
Conc: 15.51 ug/ml



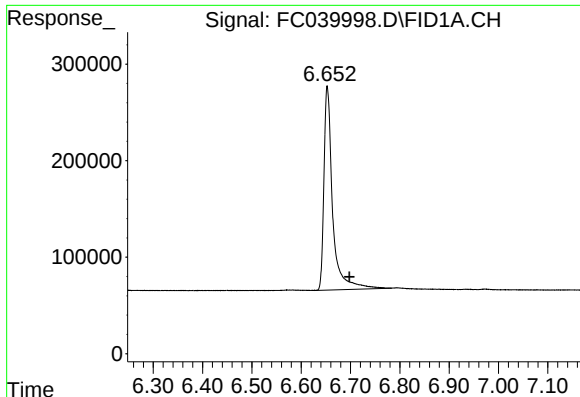
#3 A~Naphthalene (C11.7)

R.T.: 5.608 min
Delta R.T.: -0.042 min
Response: 2571524
Conc: 19.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.055 min
Delta R.T.: -0.035 min
Response: 2260612
Conc: 18.30 ug/ml



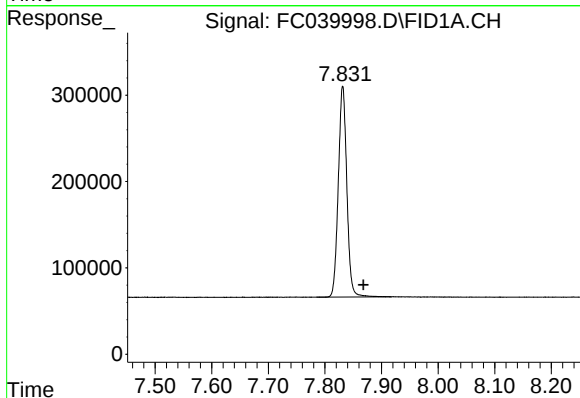
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.652 min
Delta R.T.: -0.045 min
Response: 2589904
Conc: 19.97 ug/ml m

Instrument :
FID_C
ClientSampleId :

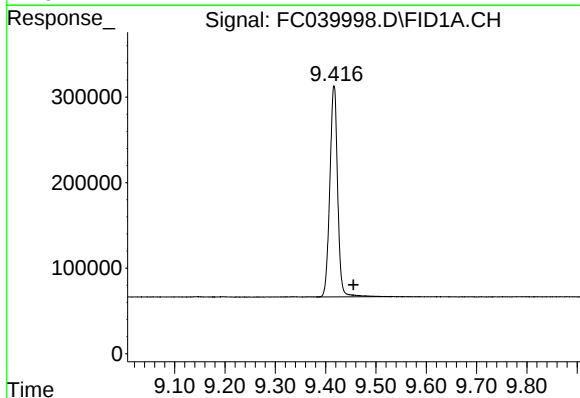
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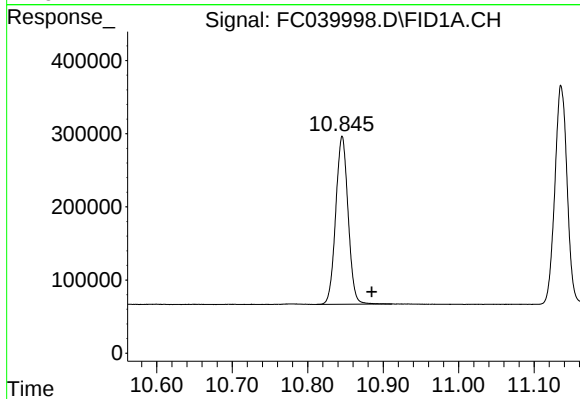
#6 n-Tetradecane (C14)

R.T.: 7.831 min
Delta R.T.: -0.037 min
Response: 2554844
Conc: 20.06 ug/ml



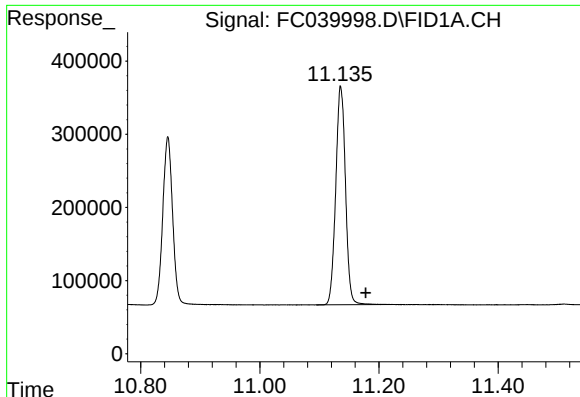
#7 n-Hexadecane (C16)

R.T.: 9.417 min
Delta R.T.: -0.038 min
Response: 2660201
Conc: 20.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.846 min
Delta R.T.: -0.039 min
Response: 2617176
Conc: 19.46 ug/ml



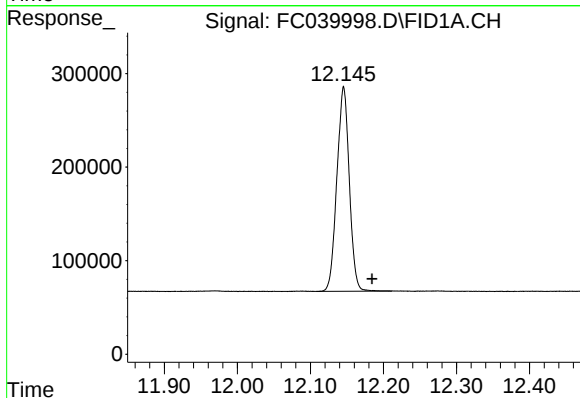
#9 ortho-Terphenyl (SURR)

R.T.: 11.136 min
Delta R.T.: -0.042 min
Response: 3385194
Conc: 20.13 ug/ml

Instrument :
FID_C
ClientSampleId :

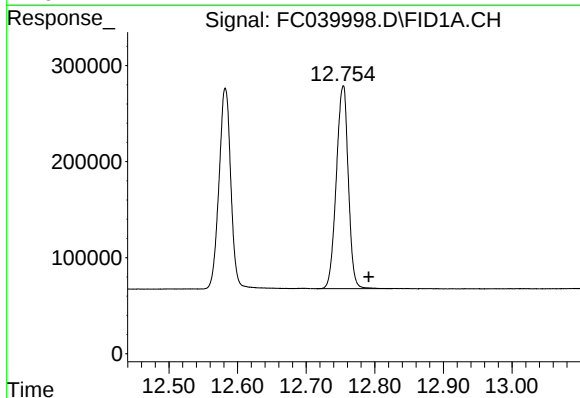
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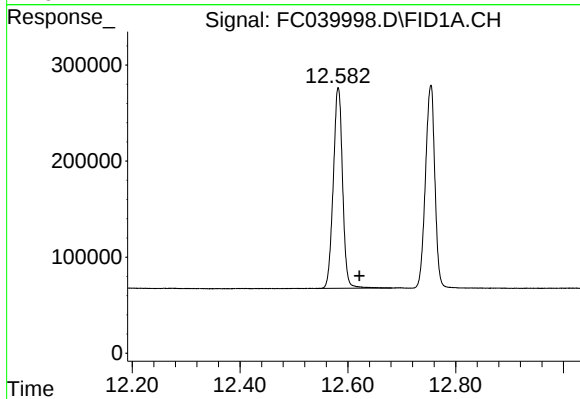
#10 n-Eicosane (C20)

R.T.: 12.145 min
Delta R.T.: -0.039 min
Response: 2578320
Conc: 19.77 ug/ml



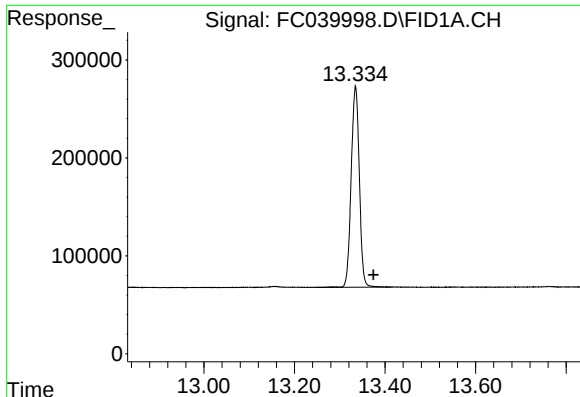
#11 n-Heneicosane (C21)

R.T.: 12.754 min
Delta R.T.: -0.038 min
Response: 2558315
Conc: 20.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.582 min
Delta R.T.: -0.039 min
Response: 2502129
Conc: 19.84 ug/ml



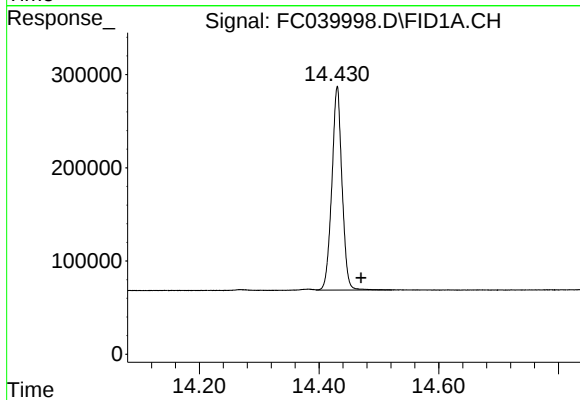
#13 n-Docosane (C22)

R.T.: 13.335 min
Delta R.T.: -0.040 min
Response: 2560191
Conc: 20.32 ug/ml

Instrument :
FID_C
ClientSampleId :

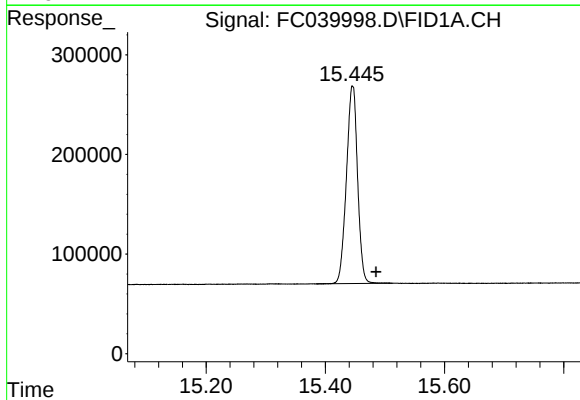
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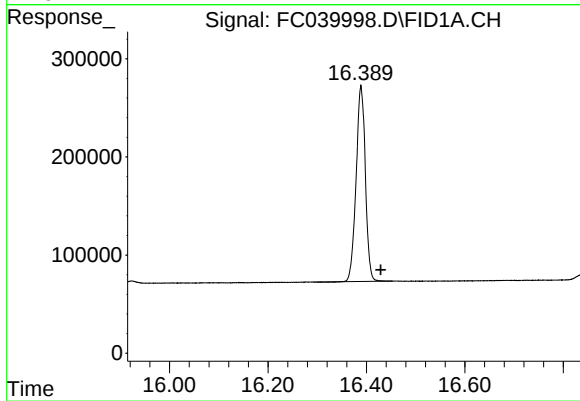
#14 n-Tetracosane (C24)

R.T.: 14.430 min
Delta R.T.: -0.040 min
Response: 2576567
Conc: 20.61 ug/ml



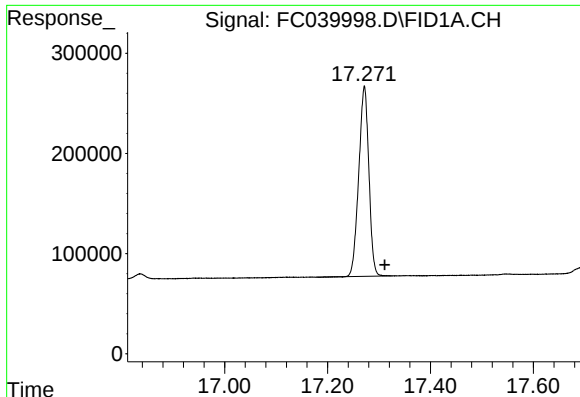
#15 n-Hexacosane (C26)

R.T.: 15.446 min
Delta R.T.: -0.039 min
Response: 2580202
Conc: 20.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.389 min
Delta R.T.: -0.040 min
Response: 2603314
Conc: 19.48 ug/ml



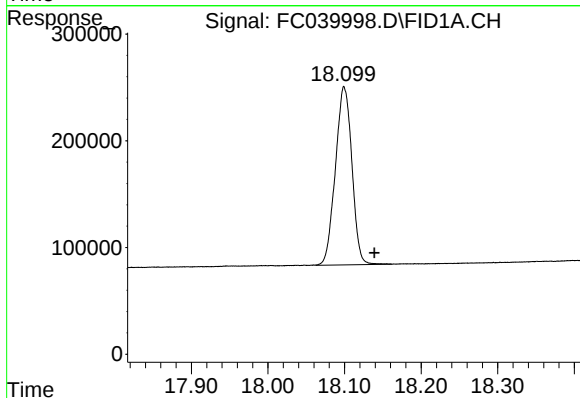
#17 n-Tricontane (C30)

R.T.: 17.271 min
Delta R.T.: -0.040 min
Response: 2588312
Conc: 17.64 ug/ml

Instrument :
FID_C
ClientSampleId :

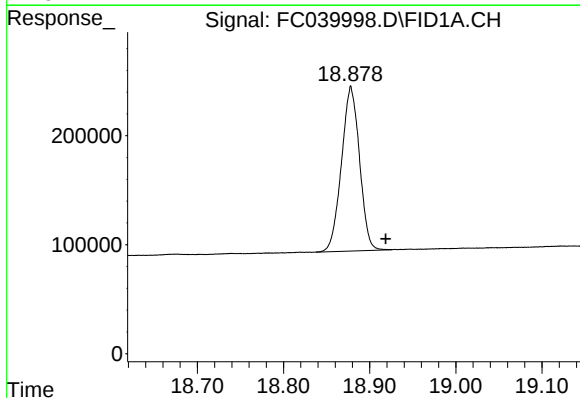
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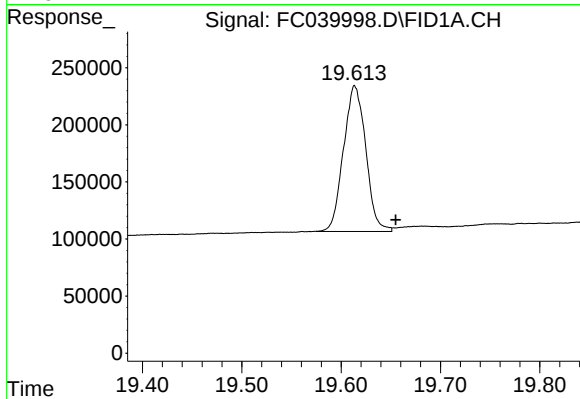
#18 n-Dotriacontane (C32)

R.T.: 18.099 min
Delta R.T.: -0.041 min
Response: 2501626
Conc: 18.62 ug/ml m



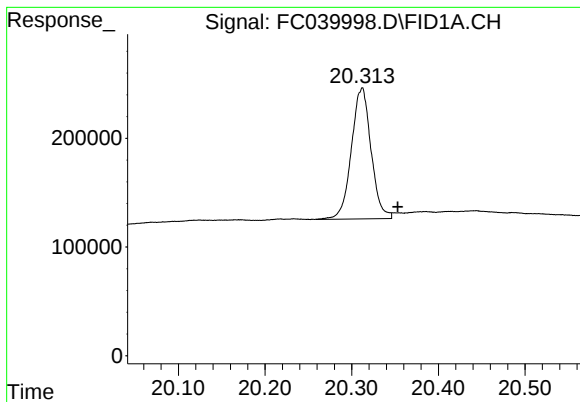
#19 n-Tetratriacontane (C34)

R.T.: 18.878 min
Delta R.T.: -0.041 min
Response: 2195476
Conc: 19.30 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.613 min
Delta R.T.: -0.042 min
Response: 1991942
Conc: 20.65 ug/ml m



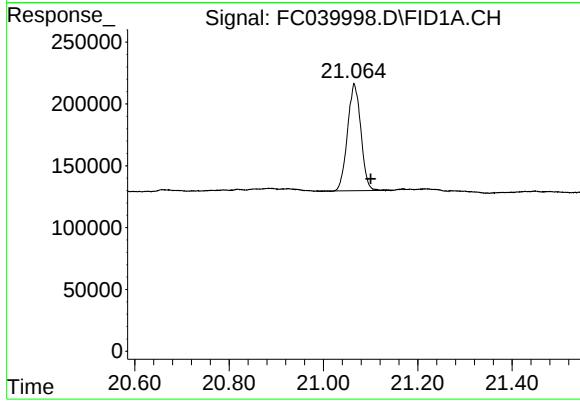
#21 n-Octatriacontane (C38)

R.T.: 20.313 min
Delta R.T.: -0.041 min
Response: 1897944
Conc: 20.67 ug/ml m

Instrument :
FID_C
ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.066 min
Delta R.T.: -0.034 min
Response: 1699088
Conc: 18.72 ug/ml