

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022122AL\
 Data File : FC058397.D
 Signal(s) : FID1A.CH
 Acq On : 21 Feb 2022 16:20
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Feb 21 16:42:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022122.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 21 16:12:33 2022
 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)	11.371	8550706	5.715 ug/ml
Spiked Amount 50.000		Recovery =	11.43%
12) S 1-chlorooctadecane (S...	12.805	6393460	5.609 ug/ml
Spiked Amount 50.000		Recovery =	11.22%
Target Compounds			
1) T n-Nonane (C9)	3.359	7334464	5.779 ug/ml
2) T n-Decane (C10)	4.325	7181827	5.555 ug/ml
3) T A~Naphthalene (C11.7)	5.839	7880607	5.497 ug/ml
4) T n-Dodecane (C12)	6.273	7479741	5.712 ug/ml
5) T A~2-methylnaphthalene...	6.876	7945653	5.549 ug/ml
6) T n-Tetradecane (C14)	8.046	7502081	5.700 ug/ml
7) T n-Hexadecane (C16)	9.634	7579775	5.711 ug/ml
8) T n-Octadecane (C18)	11.067	7646981	5.725 ug/ml
10) T n-Eicosane (C20)	12.367	7537736	5.688 ug/ml
11) T n-Heneicosane (C21)	12.975	7518765	5.660 ug/ml
13) T n-Docosane (C22)	13.558	7468070	5.637 ug/ml
14) T n-Tetracosane (C24)	14.655	7329791	5.566 ug/ml
15) T n-Hexacosane (C26)	15.671	7118556	5.495 ug/ml
16) T n-Octacosane (C28)	16.616	6976019	5.493 ug/ml
17) T n-Tricontane (C30)	17.500	6806457	5.538 ug/ml
18) T n-Dotriacontane (C32)	18.329	6547732	5.670 ug/ml
19) T n-Tetratriacontane (C34)	19.109	6002660	5.650 ug/ml
20) T n-Hexatriacontane (C36)	19.845	5482618	5.687 ug/ml
21) T n-Octatriacontane (C38)	20.548	4829351	5.598 ug/ml
22) T n-Tetracontane (C40)	21.368	4105471	5.414 ug/ml

(f)=RT Delta > 1/2 Window

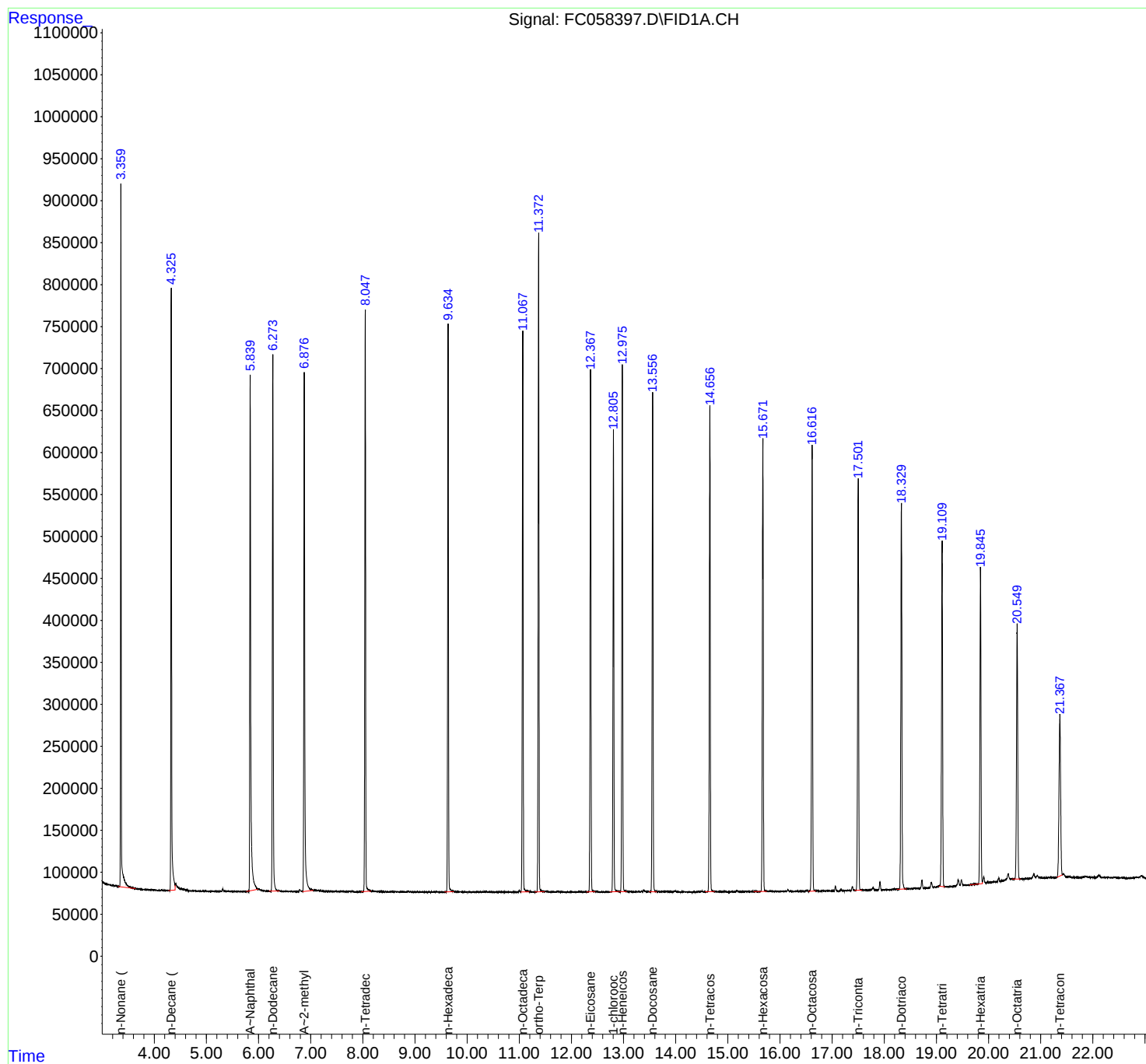
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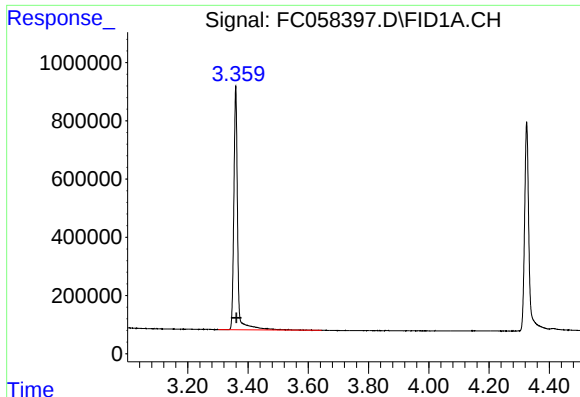
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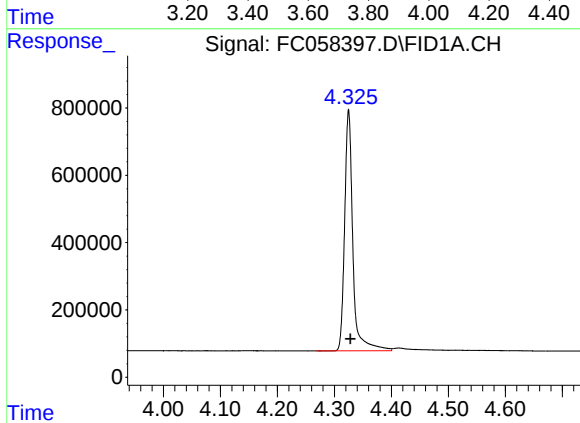




#1 n-Nonane (C9)

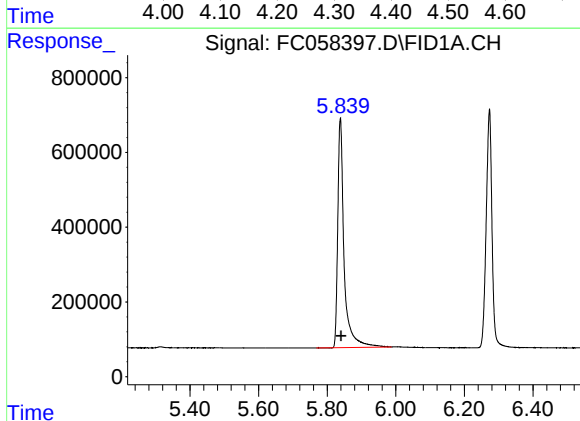
R.T.: 3.359 min
Delta R.T.: -0.002 min
Response: 7334464
Conc: 5.78 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



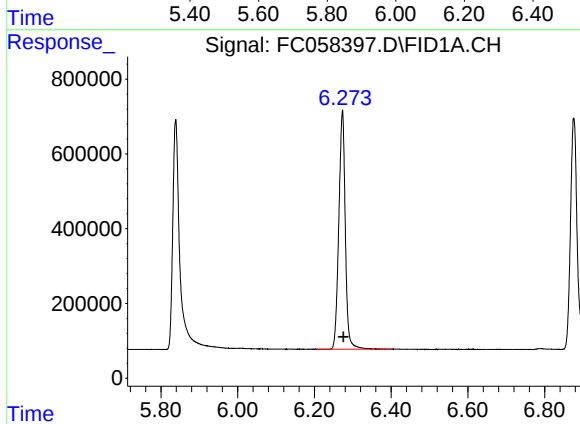
#2 n-Decane (C10)

R.T.: 4.325 min
Delta R.T.: -0.003 min
Response: 7181827
Conc: 5.55 ug/ml



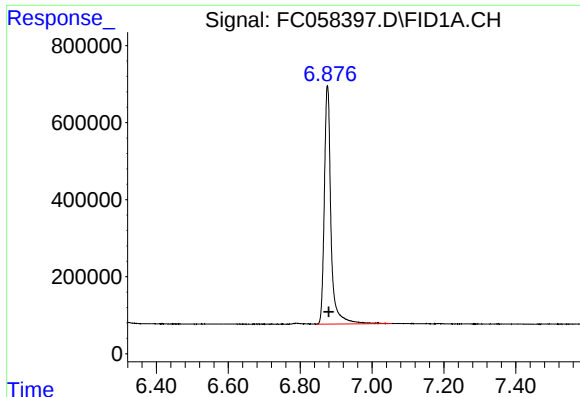
#3 A~Naphthalene (C11.7)

R.T.: 5.839 min
Delta R.T.: -0.002 min
Response: 7880607
Conc: 5.50 ug/ml



#4 n-Dodecane (C12)

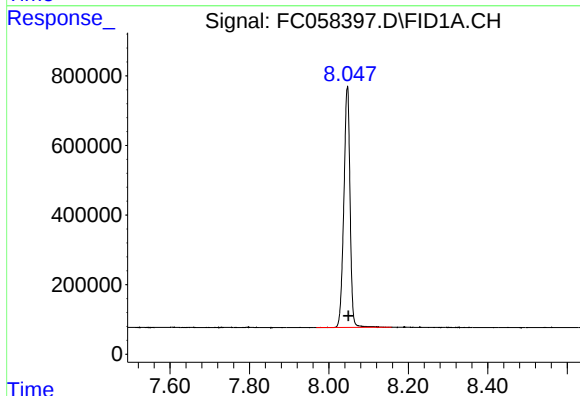
R.T.: 6.273 min
Delta R.T.: -0.003 min
Response: 7479741
Conc: 5.71 ug/ml



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

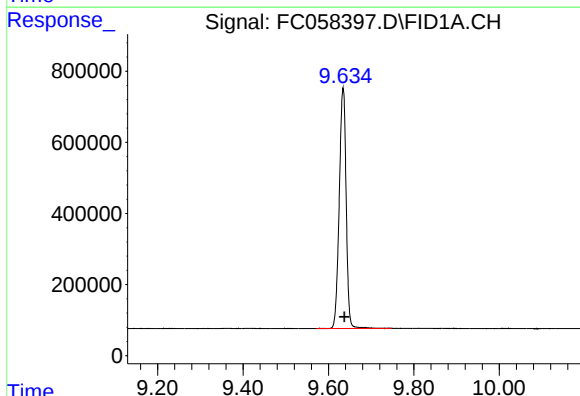
R.T.: 6.876 min
Delta R.T.: -0.003 min
Response: 7945653
Conc: 5.55 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



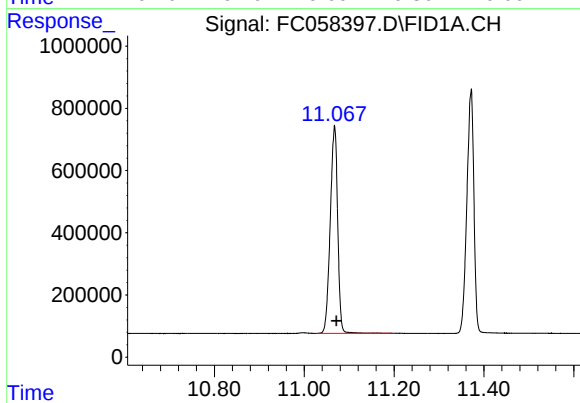
#6 n-Tetradecane (C14)

R.T.: 8.046 min
Delta R.T.: -0.003 min
Response: 7502081
Conc: 5.70 ug/ml



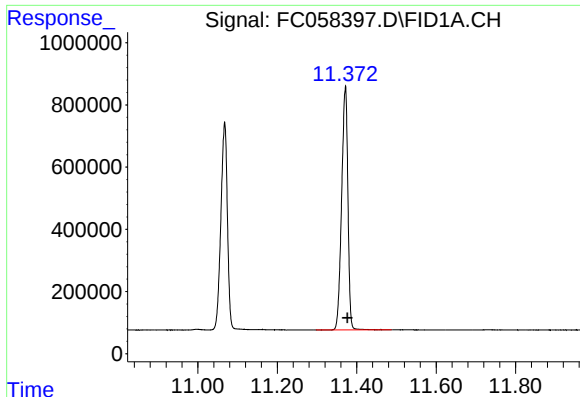
#7 n-Hexadecane (C16)

R.T.: 9.634 min
Delta R.T.: -0.003 min
Response: 7579775
Conc: 5.71 ug/ml



#8 n-Octadecane (C18)

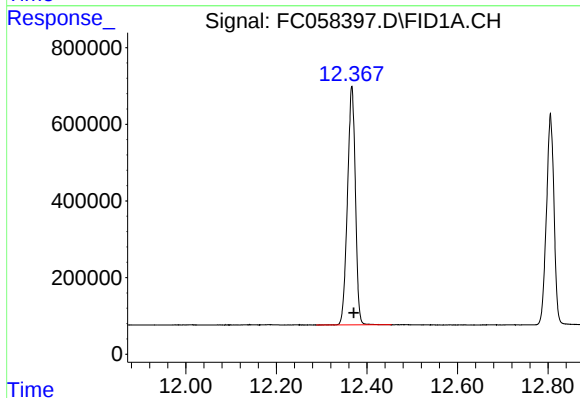
R.T.: 11.067 min
Delta R.T.: -0.004 min
Response: 7646981
Conc: 5.72 ug/ml



#9 ortho-Terphenyl (SURR)

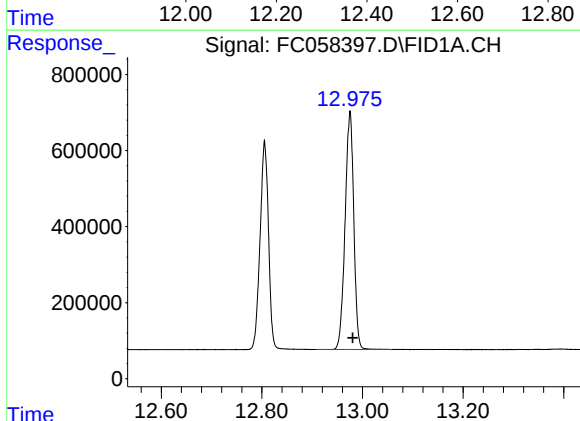
R.T.: 11.371 min
Delta R.T.: -0.005 min
Response: 8550706
Conc: 5.71 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



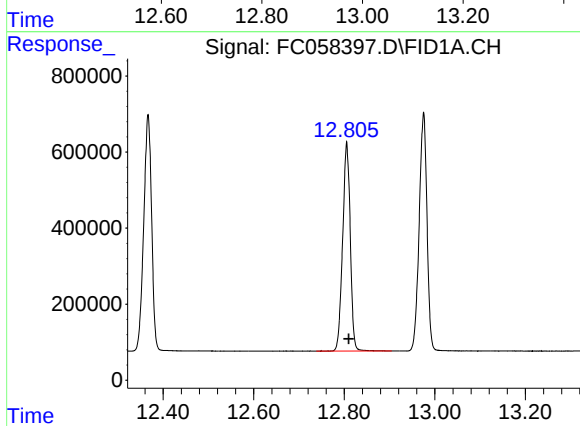
#10 n-Eicosane (C20)

R.T.: 12.367 min
Delta R.T.: -0.004 min
Response: 7537736
Conc: 5.69 ug/ml



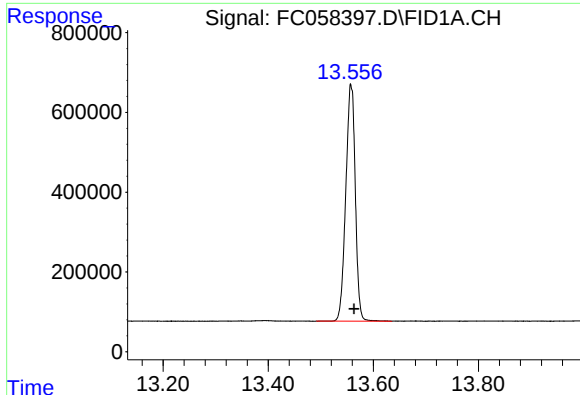
#11 n-Heneicosane (C21)

R.T.: 12.975 min
Delta R.T.: -0.006 min
Response: 7518765
Conc: 5.66 ug/ml



#12 1-chlorooctadecane (SURR)

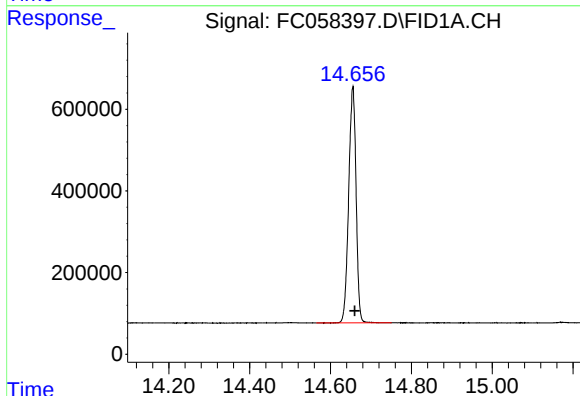
R.T.: 12.805 min
Delta R.T.: -0.004 min
Response: 6393460
Conc: 5.61 ug/ml



#13 n-Docosane (C22)

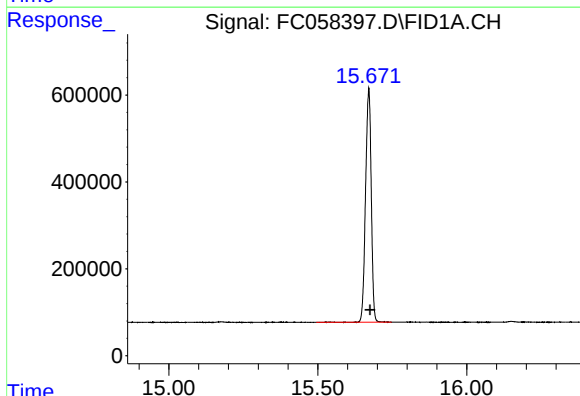
R.T.: 13.558 min
Delta R.T.: -0.006 min
Response: 7468070
Conc: 5.64 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



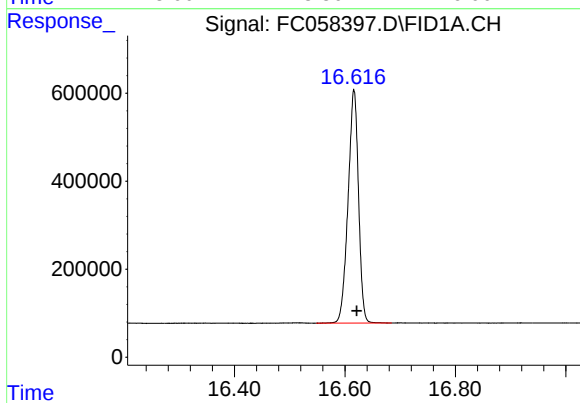
#14 n-Tetracosane (C24)

R.T.: 14.655 min
Delta R.T.: -0.005 min
Response: 7329791
Conc: 5.57 ug/ml



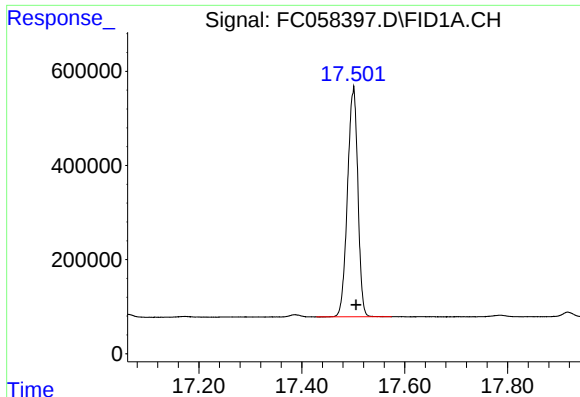
#15 n-Hexacosane (C26)

R.T.: 15.671 min
Delta R.T.: -0.005 min
Response: 7118556
Conc: 5.49 ug/ml



#16 n-Octacosane (C28)

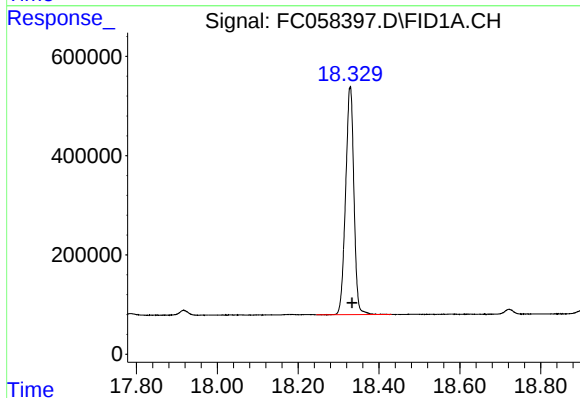
R.T.: 16.616 min
Delta R.T.: -0.005 min
Response: 6976019
Conc: 5.49 ug/ml



#17 n-Tricontane (C30)

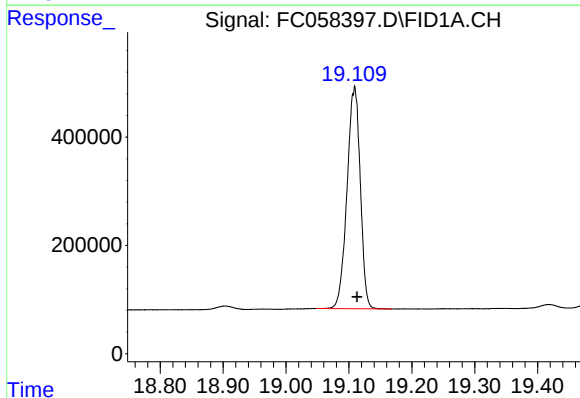
R.T.: 17.500 min
Delta R.T.: -0.005 min
Response: 6806457
Conc: 5.54 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



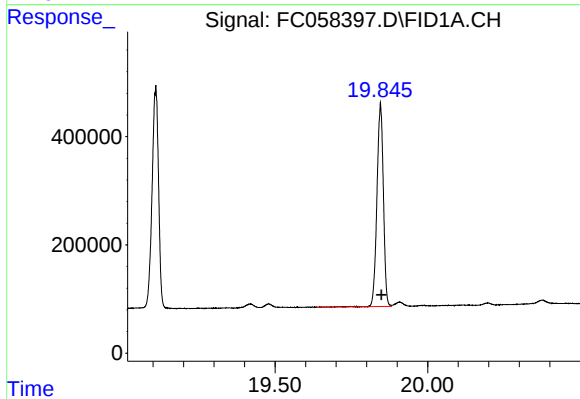
#18 n-Dotriacontane (C32)

R.T.: 18.329 min
Delta R.T.: -0.005 min
Response: 6547732
Conc: 5.67 ug/ml



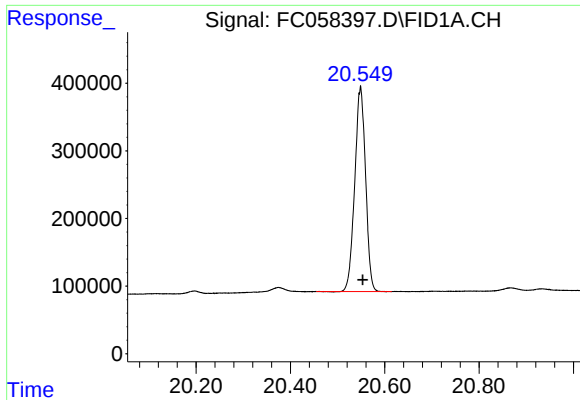
#19 n-Tetratriacontane (C34)

R.T.: 19.109 min
Delta R.T.: -0.005 min
Response: 6002660
Conc: 5.65 ug/ml



#20 n-Hexatriacontane (C36)

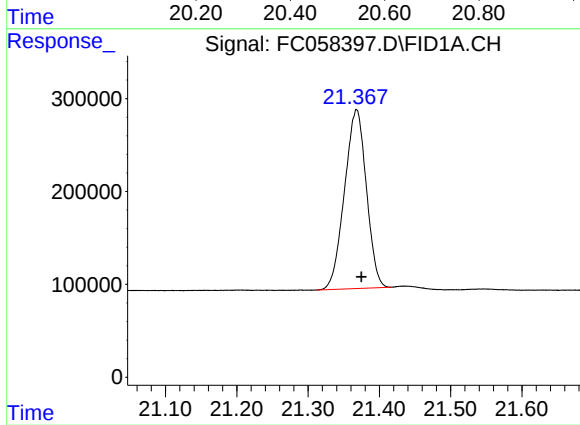
R.T.: 19.845 min
Delta R.T.: -0.004 min
Response: 5482618
Conc: 5.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.548 min
Delta R.T.: -0.005 min
Response: 4829351
Conc: 5.60 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.368 min
Delta R.T.: -0.007 min
Response: 4105471
Conc: 5.41 ug/ml