

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012622AL\
 Data File : FC058139.D
 Signal(s) : FID1A.CH
 Acq On : 26 Jan 2022 22:55
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/27/2022
 Supervised By :mohammad ahmed 01/27/2022

Integration File: autoint1.e
 Quant Time: Jan 27 02:36:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 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)	10.695	4217738	21.812 ug/ml
Spiked Amount 50.000		Recovery =	43.62%
12) S 1-chlorooctadecane (S...	12.132	3218745	21.839 ug/ml
Spiked Amount 50.000		Recovery =	43.68%
Target Compounds			
1) T n-Nonane (C9)	2.627	3862234	24.152 ug/ml
2) T n-Decane (C10)	3.616	3956510	24.616 ug/ml
3) T A~Naphthalene (C11.7)	5.153	4417496	24.328 ug/ml
4) T n-Dodecane (C12)	5.587	3991965	24.752 ug/ml
5) T A~2-methylnaphthalene...	6.194	4401618	24.070 ug/ml
6) T n-Tetradecane (C14)	7.367	4068213	24.642 ug/ml
7) T n-Hexadecane (C16)	8.958	4041966	24.198 ug/ml
8) T n-Octadecane (C18)	10.391	4025258	23.391 ug/ml
10) T n-Eicosane (C20)	11.694	3831691	22.382 ug/ml
11) T n-Heneicosane (C21)	12.302	3769514	21.799 ug/ml
13) T n-Docosane (C22)	12.886	3671508	21.222 ug/ml
14) T n-Tetracosane (C24)	13.983	3579913	20.680 ug/ml
15) T n-Hexacosane (C26)	14.999	3452345	20.514 ug/ml
16) T n-Octacosane (C28)	15.946	3511211	21.456 ug/ml
17) T n-Tricontane (C30)	16.830	3661043	23.450 ug/ml
18) T n-Dotriacontane (C32)	17.659	3508676	25.165 ug/ml
19) T n-Tetratriacontane (C34)	18.441	3105297	24.985 ug/ml
20) T n-Hexatriacontane (C36)	19.177	2593701	23.329 ug/mlm
21) T n-Octatriacontane (C38)	19.882	2178708	20.886 ug/mlm
22) T n-Tetracontane (C40)	20.700	1956102	20.429 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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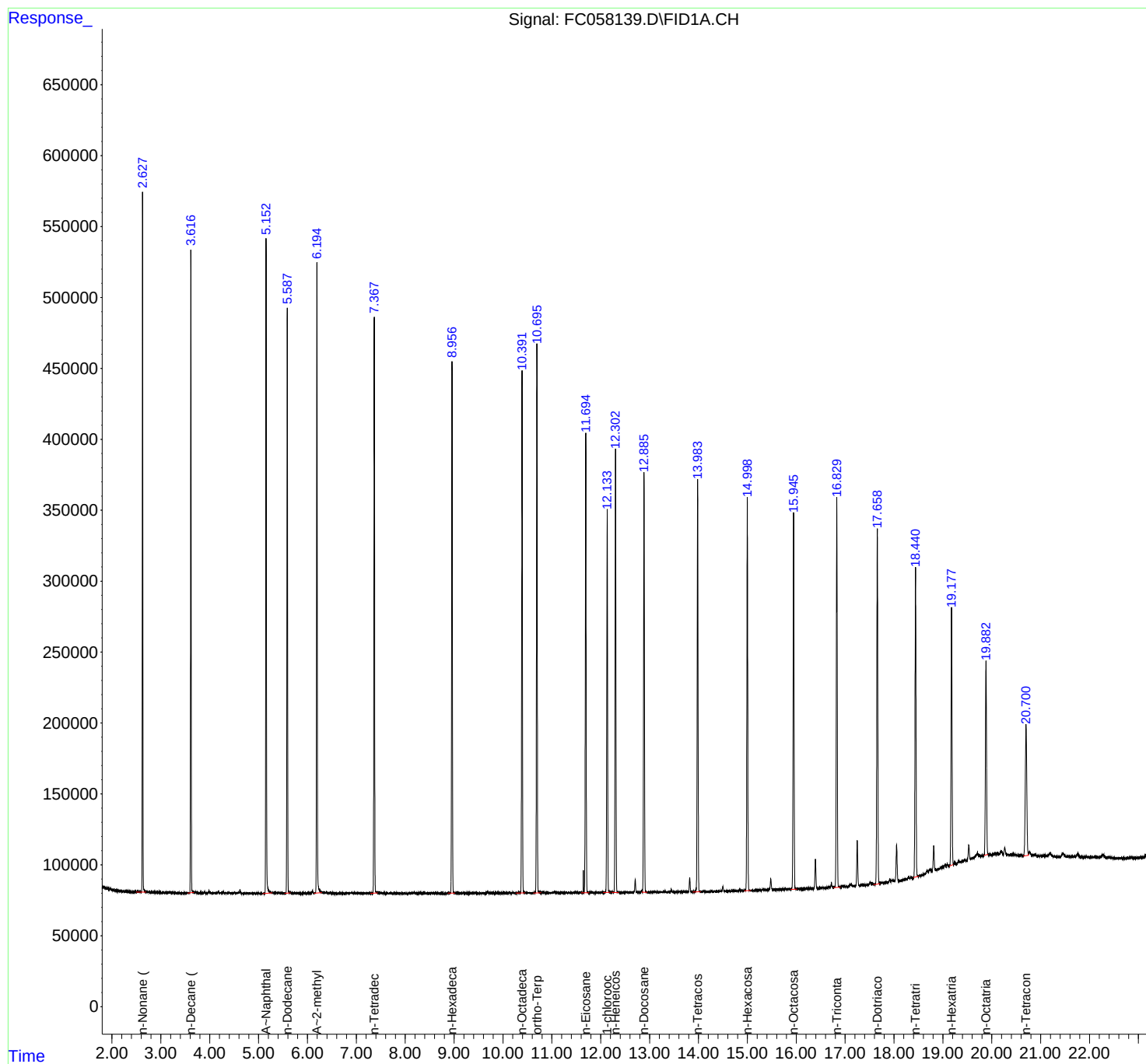
Instrument :
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ClientSampleId :

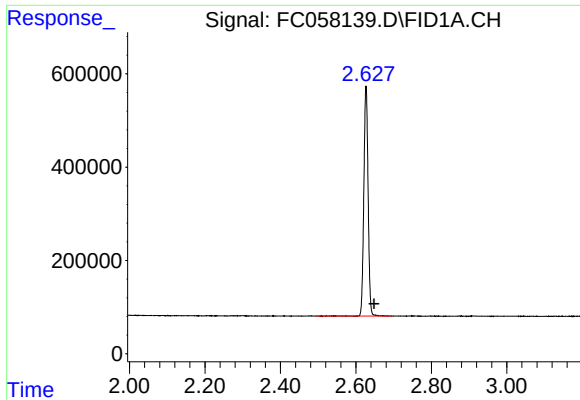
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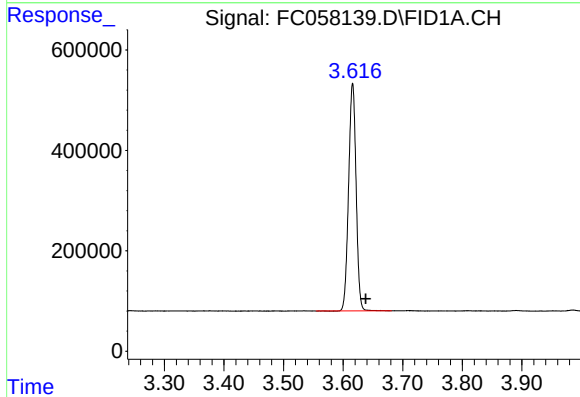
#1 n-Nonane (C9)

R.T.: 2.627 min
Delta R.T.: -0.021 min
Response: 3862234
Conc: 24.15 ug/ml

Instrument :
FID_C
ClientSampleId :

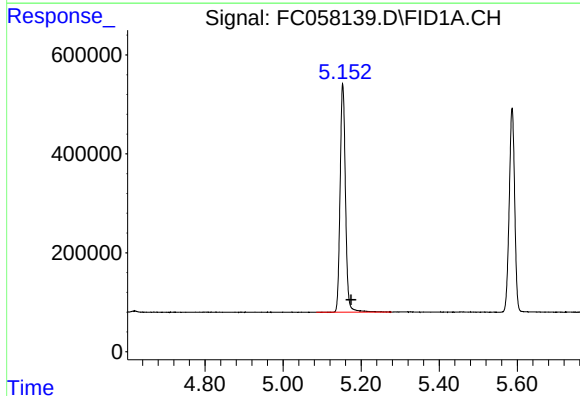
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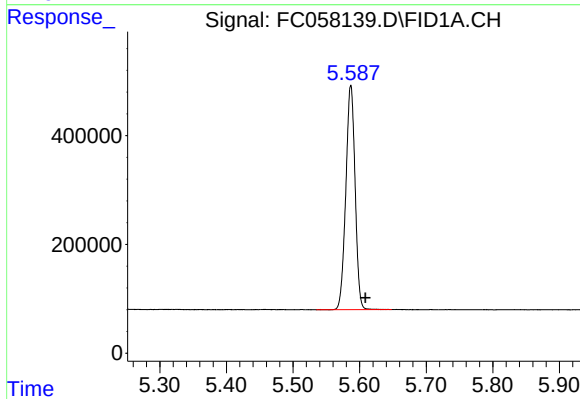
#2 n-Decane (C10)

R.T.: 3.616 min
Delta R.T.: -0.022 min
Response: 3956510
Conc: 24.62 ug/ml



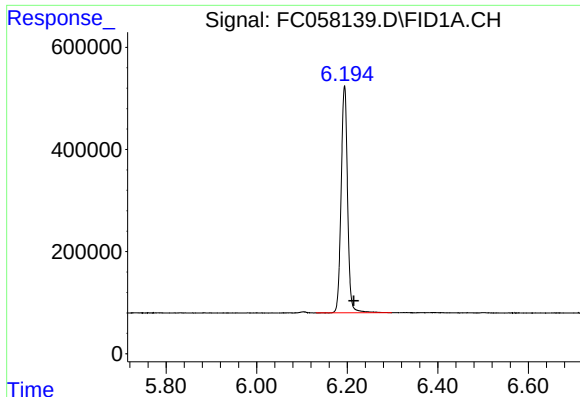
#3 A~Naphthalene (C11.7)

R.T.: 5.153 min
Delta R.T.: -0.022 min
Response: 4417496
Conc: 24.33 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.587 min
Delta R.T.: -0.022 min
Response: 3991965
Conc: 24.75 ug/ml



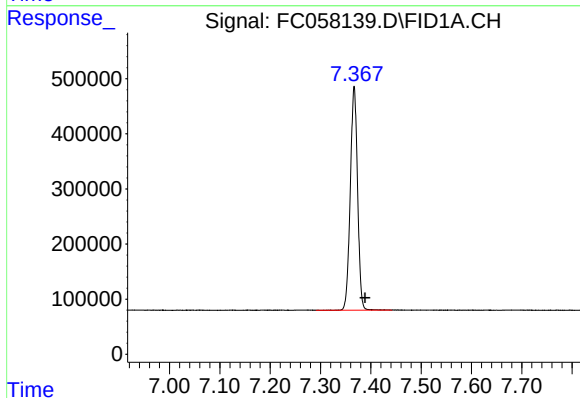
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.194 min
Delta R.T.: -0.021 min
Response: 4401618
Conc: 24.07 ug/ml

Instrument :
FID_C
ClientSampleId :

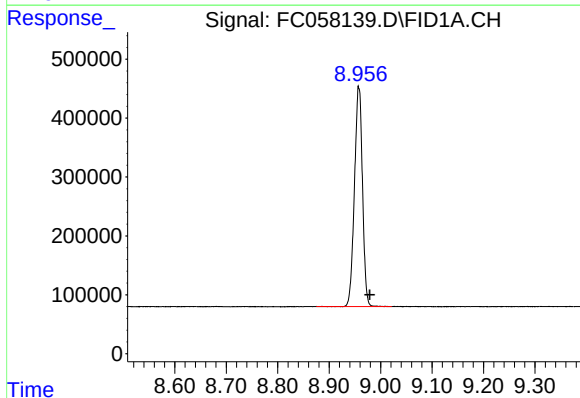
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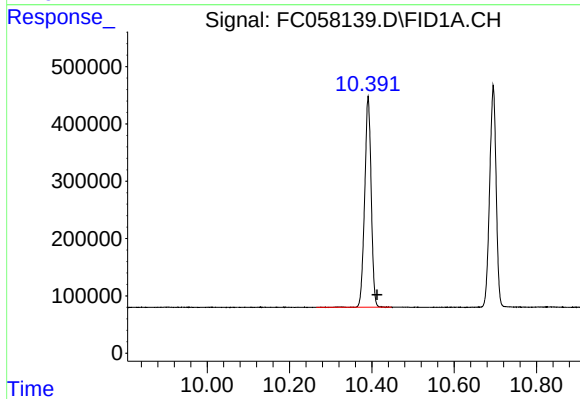
#6 n-Tetradecane (C14)

R.T.: 7.367 min
Delta R.T.: -0.022 min
Response: 4068213
Conc: 24.64 ug/ml



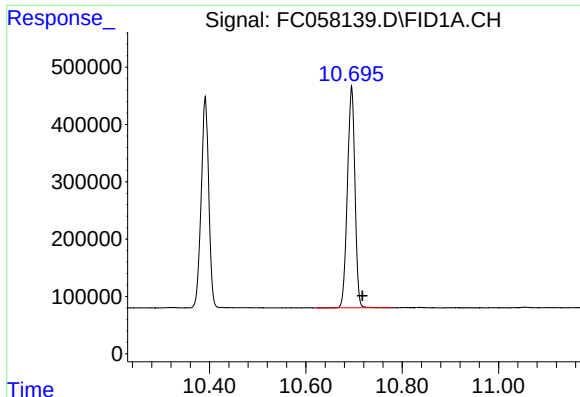
#7 n-Hexadecane (C16)

R.T.: 8.958 min
Delta R.T.: -0.021 min
Response: 4041966
Conc: 24.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.391 min
Delta R.T.: -0.022 min
Response: 4025258
Conc: 23.39 ug/ml



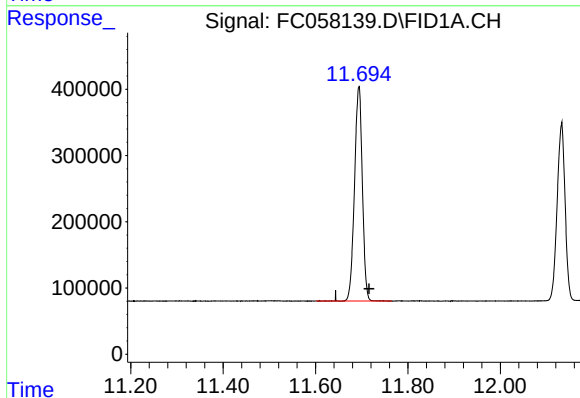
#9 ortho-Terphenyl (SURR)

R.T.: 10.695 min
Delta R.T.: -0.023 min
Response: 4217738
Conc: 21.81 ug/ml

Instrument :
FID_C
ClientSampleId :

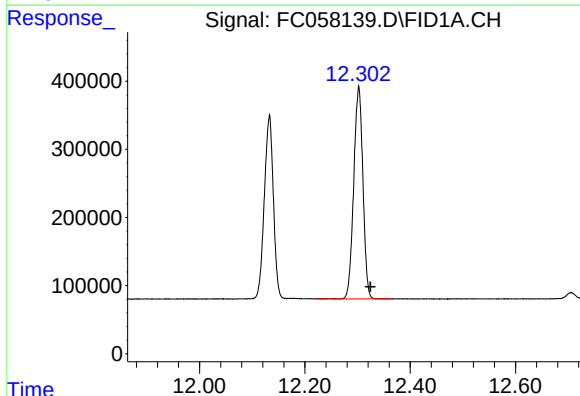
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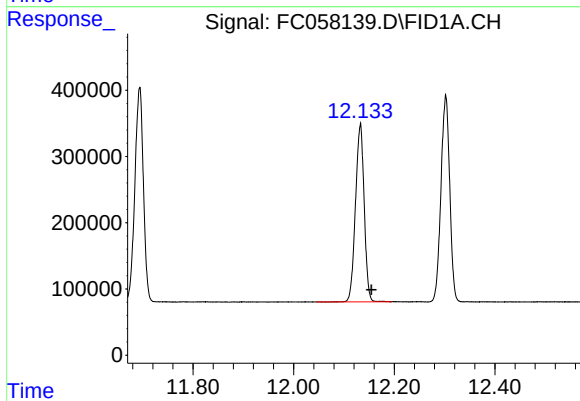
#10 n-Eicosane (C20)

R.T.: 11.694 min
Delta R.T.: -0.022 min
Response: 3831691
Conc: 22.38 ug/ml



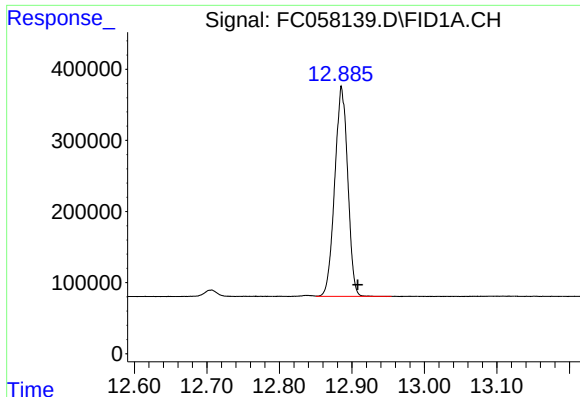
#11 n-Heneicosane (C21)

R.T.: 12.302 min
Delta R.T.: -0.022 min
Response: 3769514
Conc: 21.80 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.132 min
Delta R.T.: -0.022 min
Response: 3218745
Conc: 21.84 ug/ml



#13 n-Docosane (C22)

R.T.: 12.886 min
Delta R.T.: -0.022 min
Response: 3671508
Conc: 21.22 ug/ml

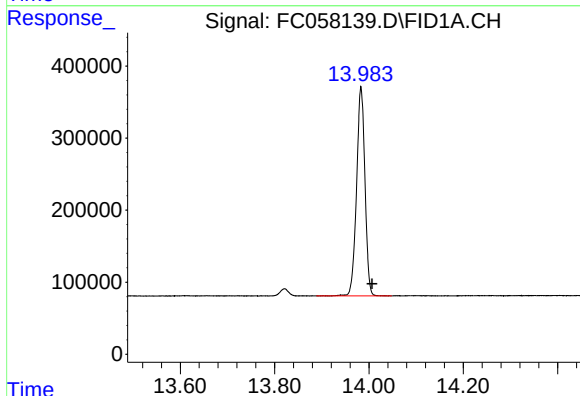
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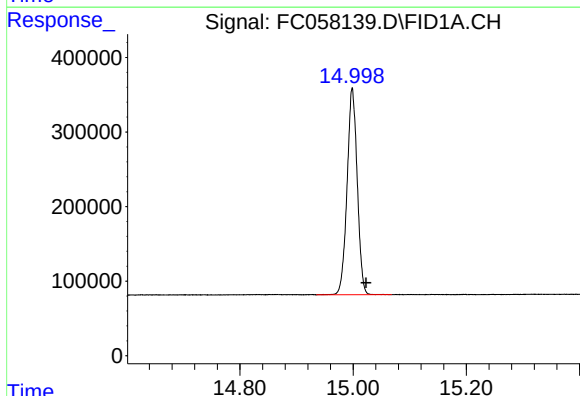
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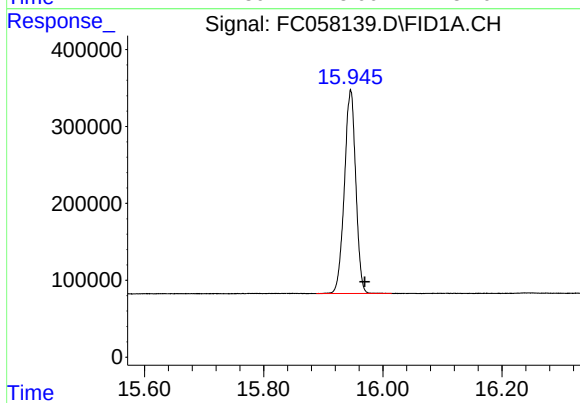
#14 n-Tetracosane (C24)

R.T.: 13.983 min
Delta R.T.: -0.023 min
Response: 3579913
Conc: 20.68 ug/ml



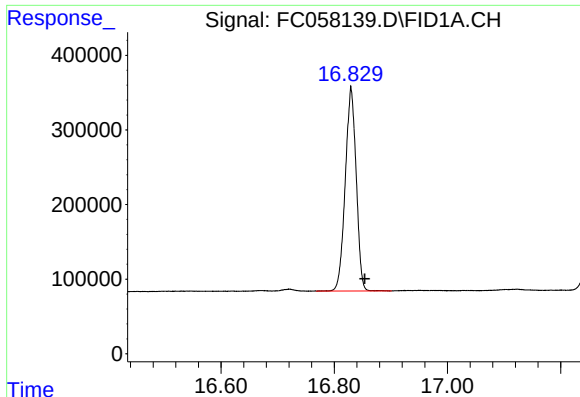
#15 n-Hexacosane (C26)

R.T.: 14.999 min
Delta R.T.: -0.024 min
Response: 3452345
Conc: 20.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.946 min
Delta R.T.: -0.024 min
Response: 3511211
Conc: 21.46 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.830 min
Delta R.T.: -0.024 min
Response: 3661043
Conc: 23.45 ug/ml

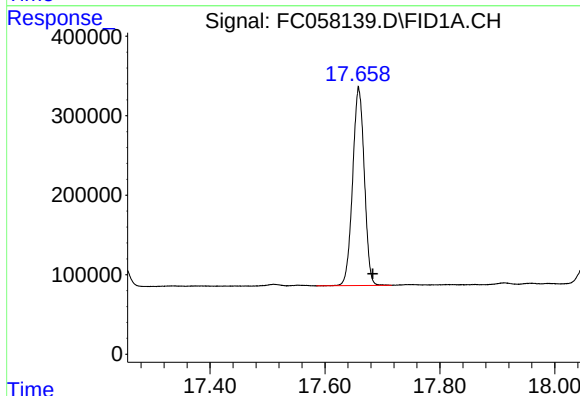
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FID_C

ClientSampleId :

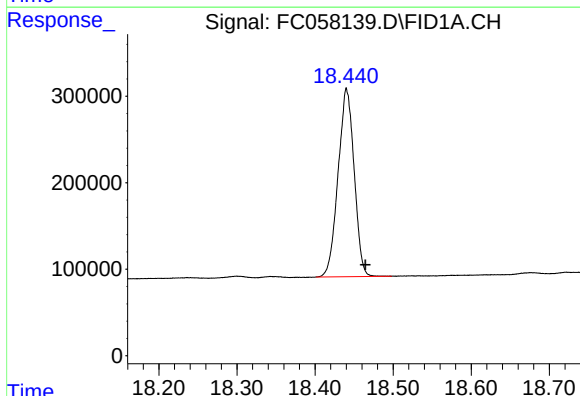
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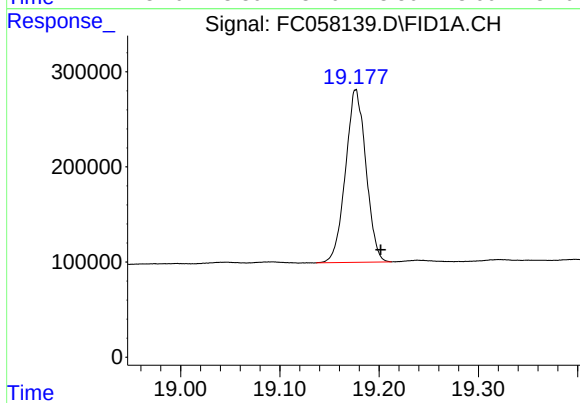
#18 n-Dotriacontane (C32)

R.T.: 17.659 min
Delta R.T.: -0.024 min
Response: 3508676
Conc: 25.17 ug/ml



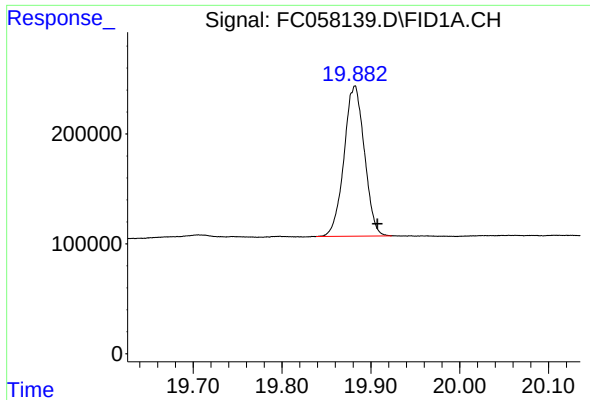
#19 n-Tetratriacontane (C34)

R.T.: 18.441 min
Delta R.T.: -0.024 min
Response: 3105297
Conc: 24.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.177 min
Delta R.T.: -0.025 min
Response: 2593701
Conc: 23.33 ug/ml m



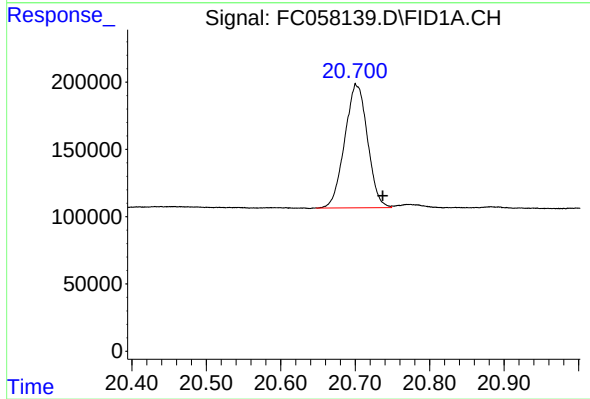
#21 n-Octatriacontane (C38)

R.T.: 19.882 min
Delta R.T.: -0.025 min
Response: 2178708
Conc: 20.89 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 20.700 min
Delta R.T.: -0.037 min
Response: 1956102
Conc: 20.43 ug/ml m