

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101921AL\
 Data File : FC056280.D
 Signal(s) : FID1A.CH
 Acq On : 20 Oct 2021 5:39
 Operator : AJ\MA
 Sample : M4259-07MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-1-BDMSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 10/20/2021
 Supervised By :mohammad ahmed 10/20/2021

Integration File: autoint1.e
 Quant Time: Oct 20 07:55:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 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)	11.631	3582231	30.189 ug/ml
Spiked Amount 50.000		Recovery =	60.38%
12) S 1-chlorooctadecane (S...	13.060	2740510	29.829 ug/ml
Spiked Amount 50.000		Recovery =	59.66%
Target Compounds			
1) T n-Nonane (C9)	3.388	3834099	35.929 ug/ml
2) T n-Decane (C10)	4.455	4425913	41.405 ug/ml
3) T A~Naphthalene (C11.7)	6.045	4846867	40.283 ug/mlm
4) T n-Dodecane (C12)	6.473	4678693	43.106 ug/ml
5) T A~2-methylnaphthalene...	7.103	4689332	38.604 ug/ml
6) T n-Tetradecane (C14)	8.269	4794152	43.333 ug/ml
7) T n-Hexadecane (C16)	9.868	4954465	44.759 ug/ml
8) T n-Octadecane (C18)	11.310	5137293	45.901 ug/ml
10) T n-Eicosane (C20)	12.617	4880813	44.685 ug/ml
11) T n-Heneicosane (C21)	13.228	4808208	44.224 ug/ml
13) T n-Docosane (C22)	13.812	4733541	44.322 ug/ml
14) T n-Tetracosane (C24)	14.912	9232821	88.295 ug/ml
15) T n-Hexacosane (C26)	15.932	4621485	45.997 ug/ml
16) T n-Octacosane (C28)	16.876	4607851	47.637 ug/mlm
17) T n-Tricontane (C30)	17.763	4535527	48.882 ug/ml
18) T n-Dotriacontane (C32)	18.588	4455819	50.118 ug/ml
19) T n-Tetratriacontane (C34)	19.369	4274039	49.417 ug/ml
20) T n-Hexatriacontane (C36)	20.104	3960712	48.477 ug/ml
21) T n-Octatriacontane (C38)	20.841	3824933	47.999 ug/ml
22) T n-Tetracontane (C40)	21.762	3861904	48.177 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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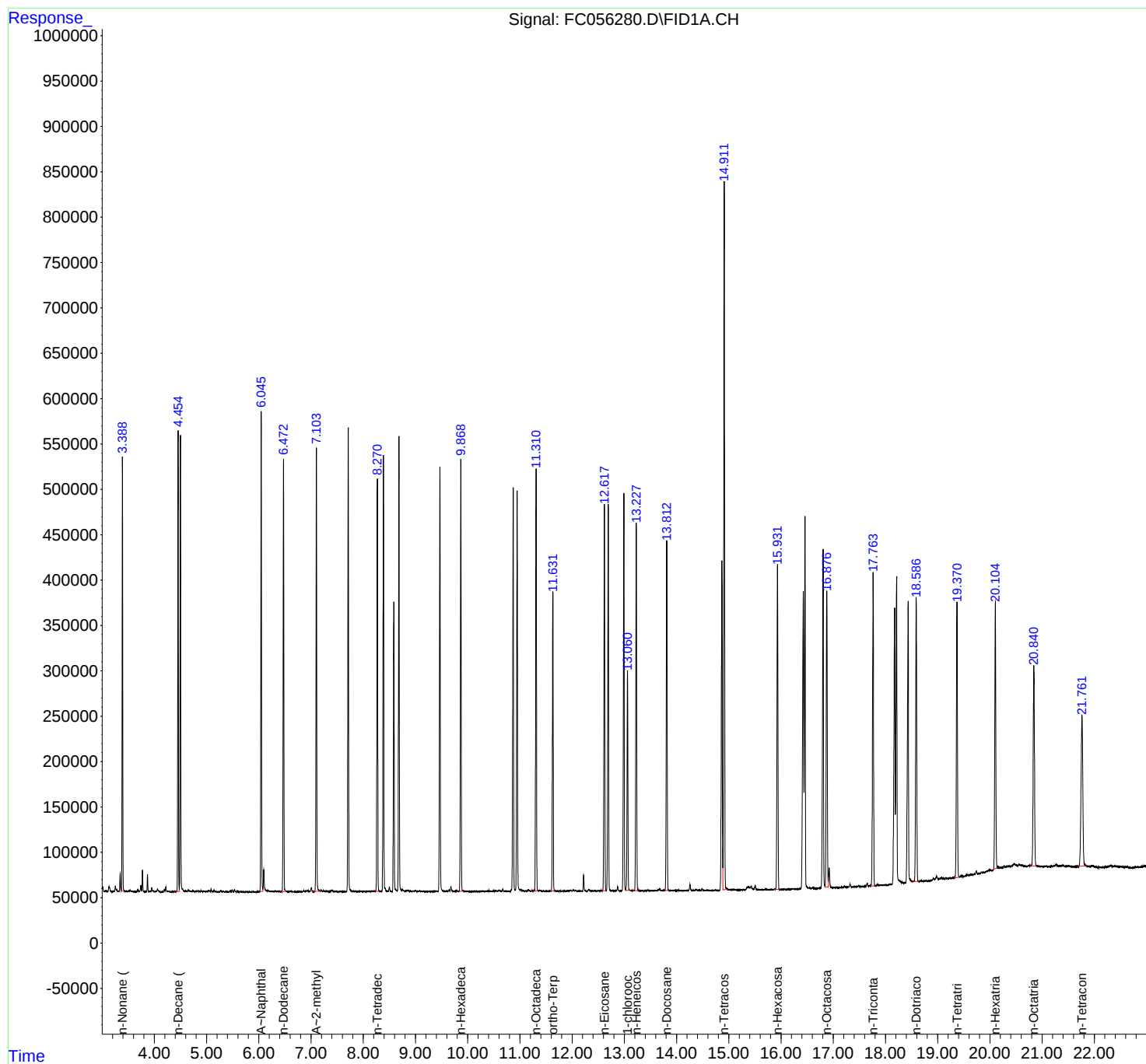
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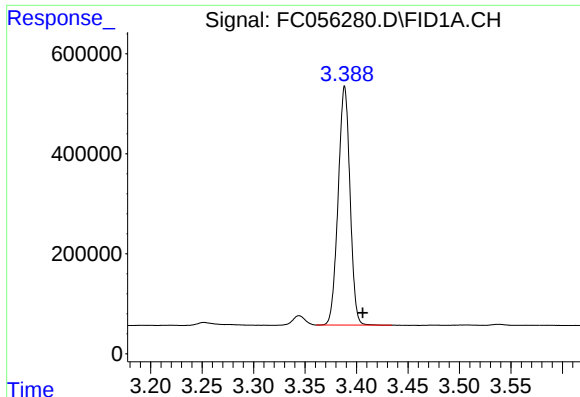
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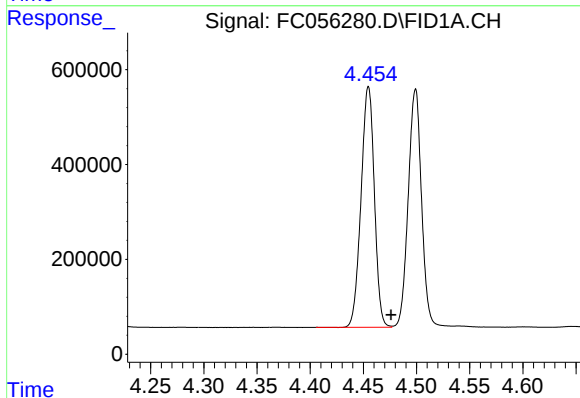
#1 n-Nonane (C9)

R.T.: 3.388 min
Delta R.T.: -0.018 min
Response: 3834099
Conc: 35.93 ug/ml

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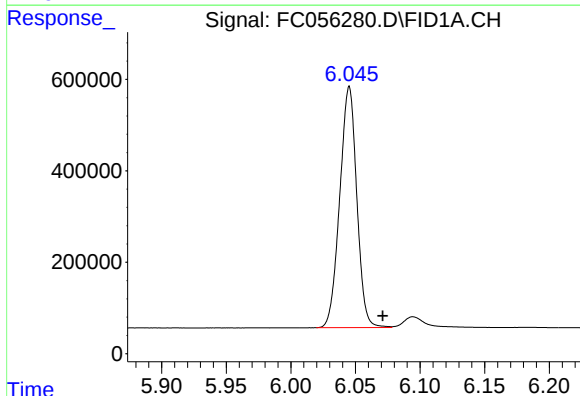
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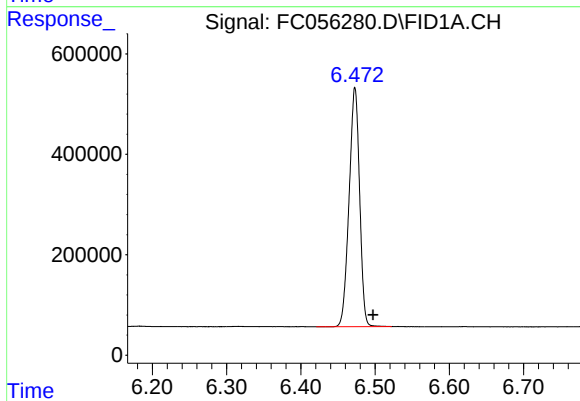
#2 n-Decane (C10)

R.T.: 4.455 min
Delta R.T.: -0.021 min
Response: 4425913
Conc: 41.40 ug/ml



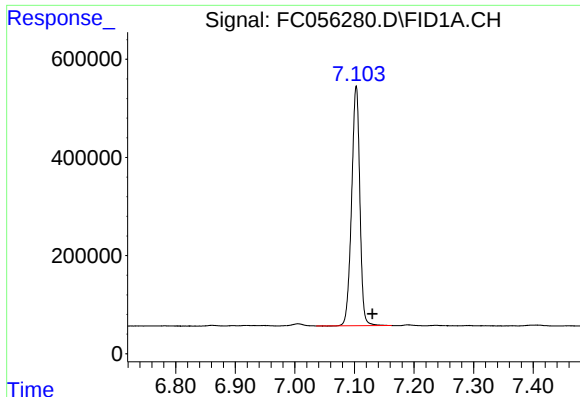
#3 A~Naphthalene (C11.7)

R.T.: 6.045 min
Delta R.T.: -0.026 min
Response: 4846867
Conc: 40.28 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.473 min
Delta R.T.: -0.025 min
Response: 4678693
Conc: 43.11 ug/ml



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

R.T.: 7.103 min
Delta R.T.: -0.027 min
Response: 4689332
Conc: 38.60 ug/ml

Instrument :

FID_C

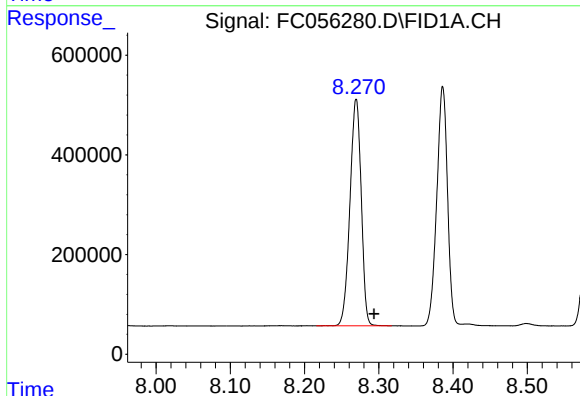
ClientSampleId :

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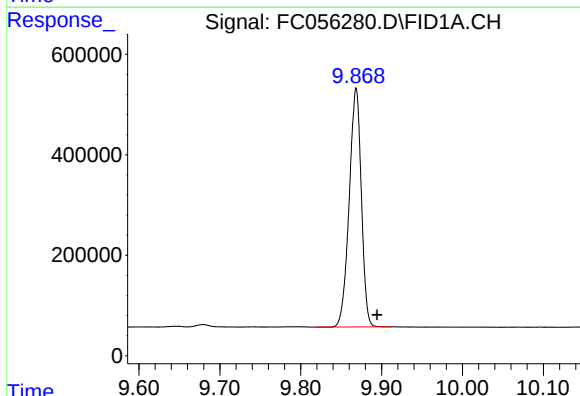
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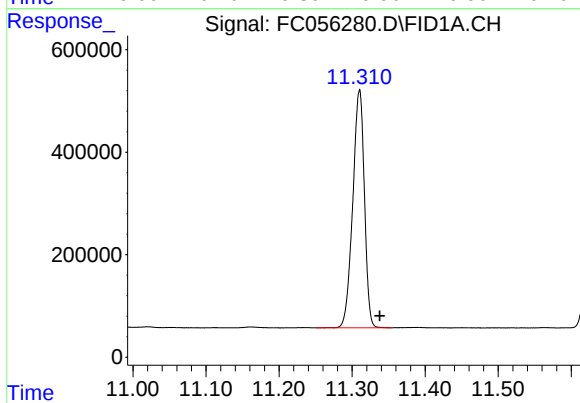
#6 n-Tetradecane (C14)

R.T.: 8.269 min
Delta R.T.: -0.024 min
Response: 4794152
Conc: 43.33 ug/ml



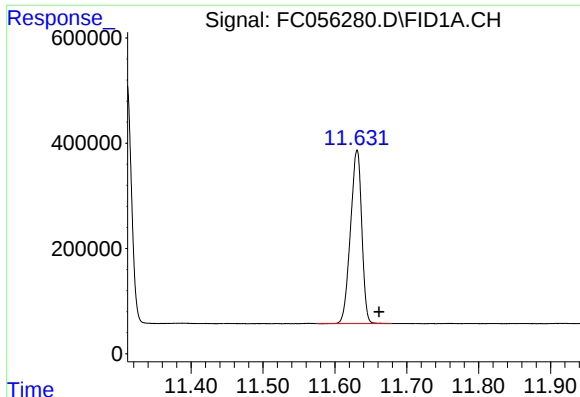
#7 n-Hexadecane (C16)

R.T.: 9.868 min
Delta R.T.: -0.026 min
Response: 4954465
Conc: 44.76 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.310 min
Delta R.T.: -0.028 min
Response: 5137293
Conc: 45.90 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.631 min
Delta R.T.: -0.031 min
Response: 3582231
Conc: 30.19 ug/ml

Instrument :

FID_C

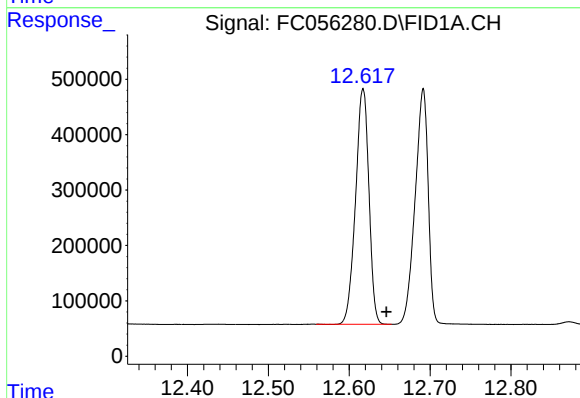
ClientSampleId :

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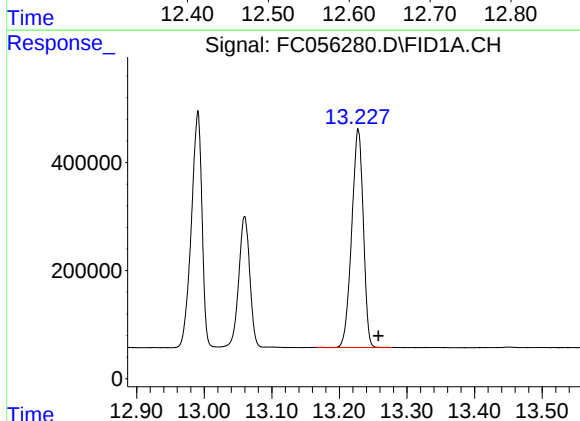
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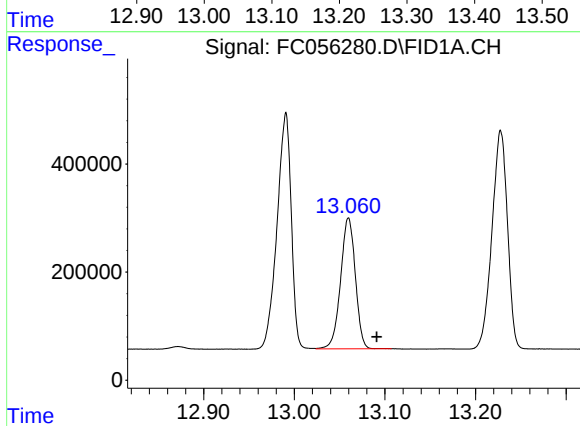
#10 n-Eicosane (C20)

R.T.: 12.617 min
Delta R.T.: -0.029 min
Response: 4880813
Conc: 44.68 ug/ml



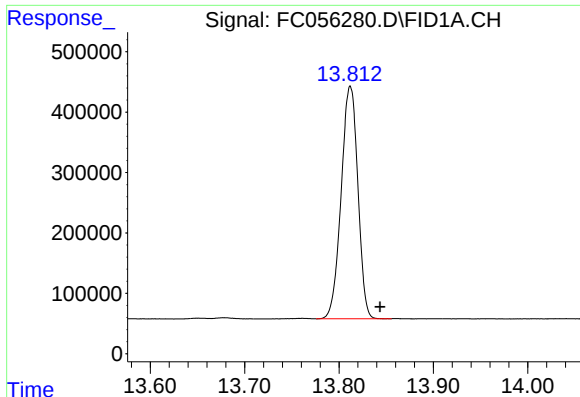
#11 n-Heneicosane (C21)

R.T.: 13.228 min
Delta R.T.: -0.030 min
Response: 4808208
Conc: 44.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.060 min
Delta R.T.: -0.031 min
Response: 2740510
Conc: 29.83 ug/ml



#13 n-Docosane (C22)

R.T.: 13.812 min
Delta R.T.: -0.032 min
Response: 4733541
Conc: 44.32 ug/ml

Instrument :

FID_C

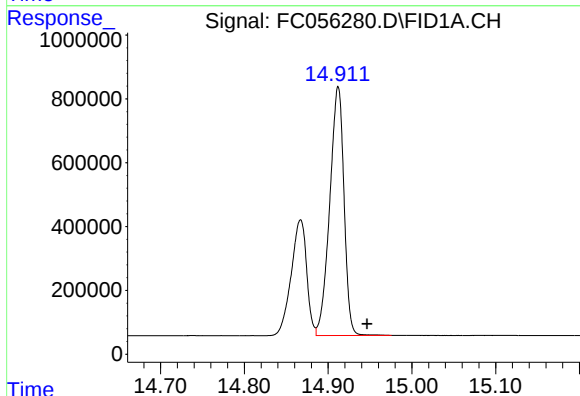
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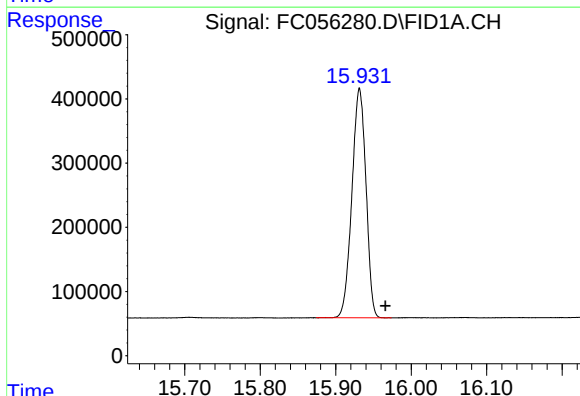
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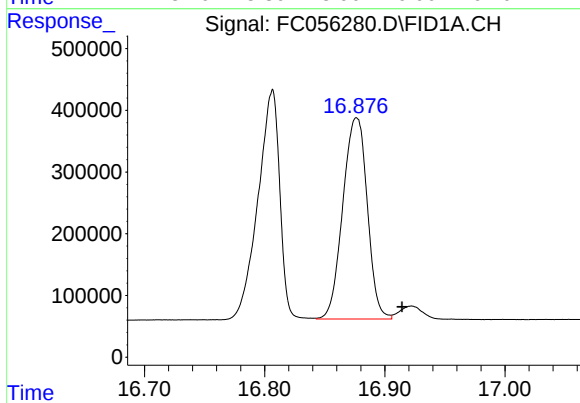
#14 n-Tetracosane (C24)

R.T.: 14.912 min
Delta R.T.: -0.035 min
Response: 9232821
Conc: 88.29 ug/ml



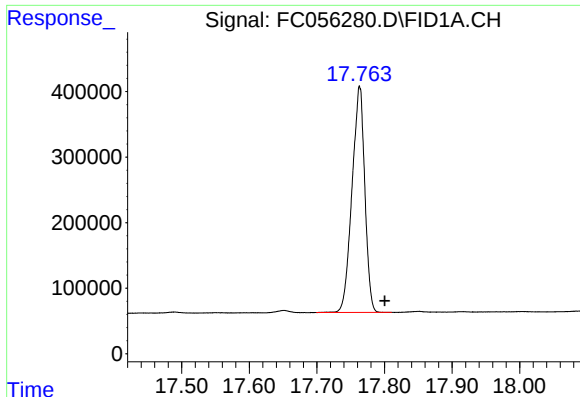
#15 n-Hexacosane (C26)

R.T.: 15.932 min
Delta R.T.: -0.035 min
Response: 4621485
Conc: 46.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.876 min
Delta R.T.: -0.038 min
Response: 4607851
Conc: 47.64 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.763 min
Delta R.T.: -0.037 min
Response: 4535527
Conc: 48.88 ug/ml

Instrument :

FID_C

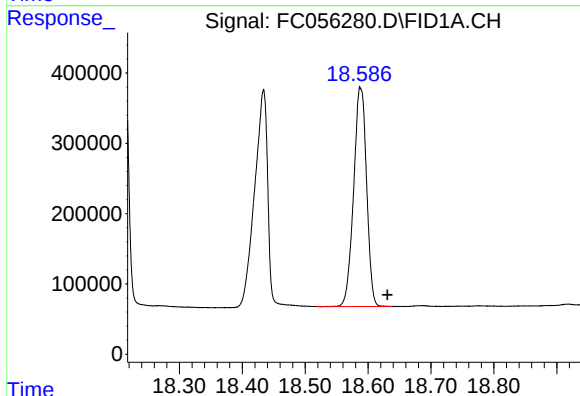
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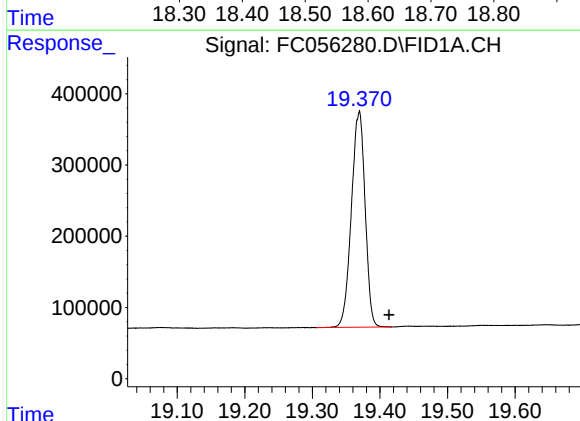
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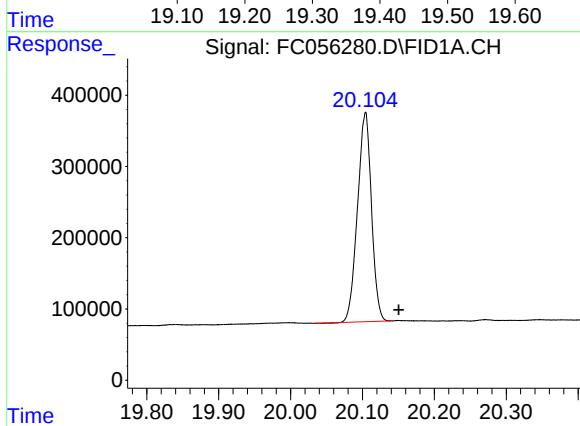
#18 n-Dotriacontane (C32)

R.T.: 18.588 min
Delta R.T.: -0.043 min
Response: 4455819
Conc: 50.12 ug/ml



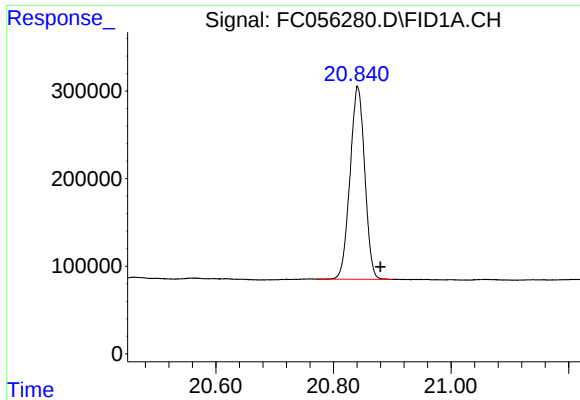
#19 n-Tetratriacontane (C34)

R.T.: 19.369 min
Delta R.T.: -0.044 min
Response: 4274039
Conc: 49.42 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.104 min
Delta R.T.: -0.047 min
Response: 3960712
Conc: 48.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.841 min
Delta R.T.: -0.039 min
Response: 3824933
Conc: 48.00 ug/ml

Instrument :

FID_C

ClientSampleId :

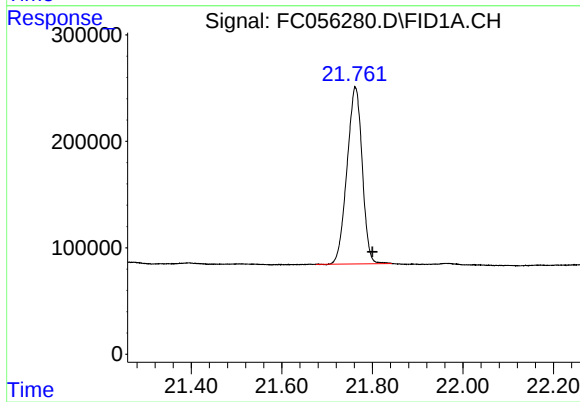
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#22 n-Tetracontane (C40)

R.T.: 21.762 min
Delta R.T.: -0.038 min
Response: 3861904
Conc: 48.18 ug/ml