

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111521AL\
 Data File : FC056817.D
 Signal(s) : FID1A.CH
 Acq On : 16 Nov 2021 1:47
 Operator : AJ\MA
 Sample : M4674-03MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MF-SOIL-P2MSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/16/2021
 Supervised By :mohammad ahmed 11/16/2021

Integration File: autoint1.e
 Quant Time: Nov 16 02:48:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.608	2756011	22.258 ug/ml
Spiked Amount 50.000		Recovery =	44.52%
12) S 1-chlorooctadecane (S...	13.039	2269758	23.588 ug/ml
Spiked Amount 50.000		Recovery =	47.18%
Target Compounds			
1) T n-Nonane (C9)	3.365	3725990	34.425 ug/ml
2) T n-Decane (C10)	4.436	4271245	39.652 ug/ml
3) T A~Naphthalene (C11.7)	6.026	4639661	38.055 ug/ml
4) T n-Dodecane (C12)	6.455	4632535	42.023 ug/ml
5) T A~2-methylnaphthalene...	7.084	4709598	38.458 ug/ml
6) T n-Tetradecane (C14)	8.251	4820647	42.939 ug/ml
7) T n-Hexadecane (C16)	9.849	4872722	42.860 ug/ml
8) T n-Octadecane (C18)	11.290	4890377	41.849 ug/ml
10) T n-Eicosane (C20)	12.598	4624223	40.236 ug/ml
11) T n-Heneicosane (C21)	13.208	4514832	39.286 ug/ml
13) T n-Docosane (C22)	13.792	4423844	39.293 ug/ml
14) T n-Tetracosane (C24)	14.891	8505318	77.178 ug/ml
15) T n-Hexacosane (C26)	15.911	4179559	39.600 ug/ml
16) T n-Octacosane (C28)	16.857	4255525	41.026 ug/ml
17) T n-Tricontane (C30)	17.743	4127835	39.841 ug/ml
18) T n-Dotriacontane (C32)	18.570	4067017	42.449 ug/ml
19) T n-Tetratriacontane (C34)	19.348	3906411	44.538 ug/ml
20) T n-Hexatriacontane (C36)	20.086	3699188	45.194 ug/mlm
21) T n-Octatriacontane (C38)	20.820	3424403	42.818 ug/ml
22) T n-Tetracontane (C40)	21.732	3475620	42.185 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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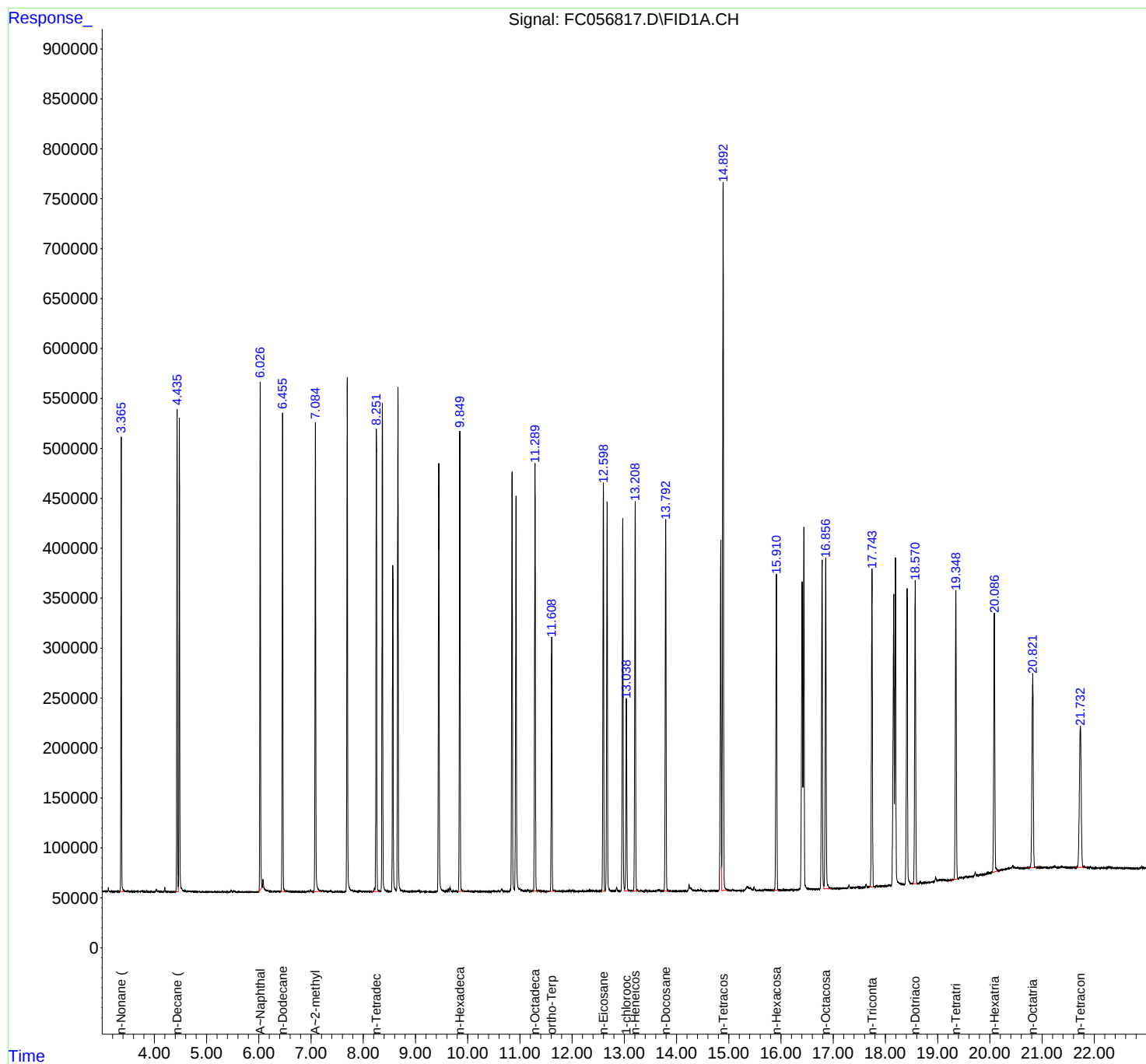
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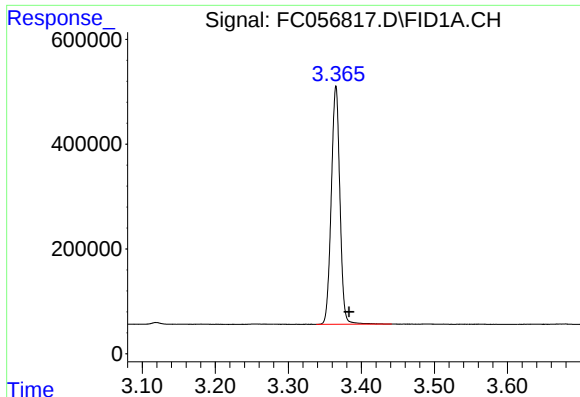
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#1 n-Nonane (C9)

R.T.: 3.365 min
Delta R.T.: -0.018 min
Response: 3725990
Conc: 34.43 ug/ml

Instrument :

FID_C

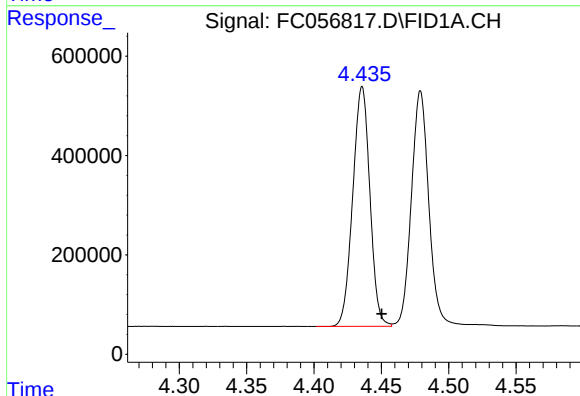
ClientSampleId :

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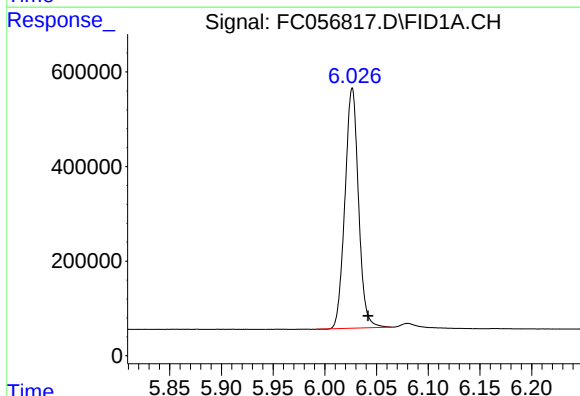
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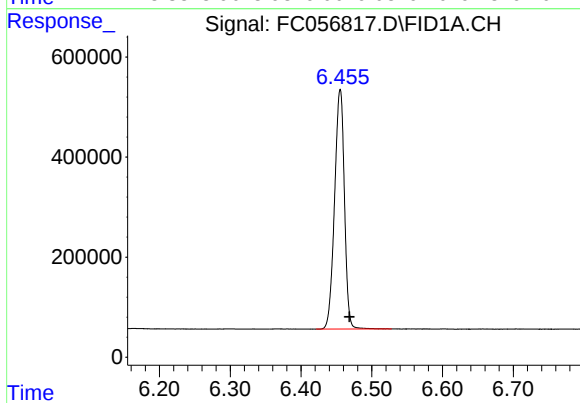
#2 n-Decane (C10)

R.T.: 4.436 min
Delta R.T.: -0.015 min
Response: 4271245
Conc: 39.65 ug/ml



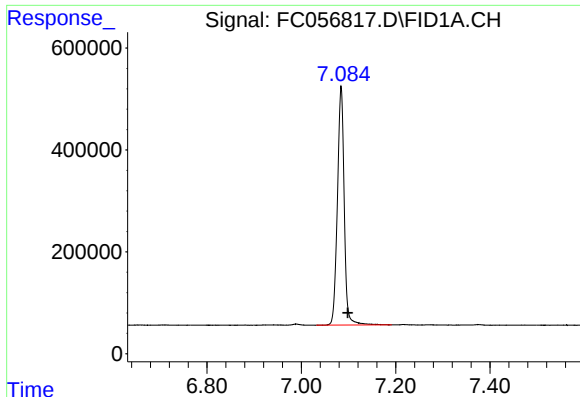
#3 A~Naphthalene (C11.7)

R.T.: 6.026 min
Delta R.T.: -0.015 min
Response: 4639661
Conc: 38.05 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.455 min
Delta R.T.: -0.013 min
Response: 4632535
Conc: 42.02 ug/ml



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

R.T.: 7.084 min
Delta R.T.: -0.014 min
Response: 4709598
Conc: 38.46 ug/ml

Instrument :

FID_C

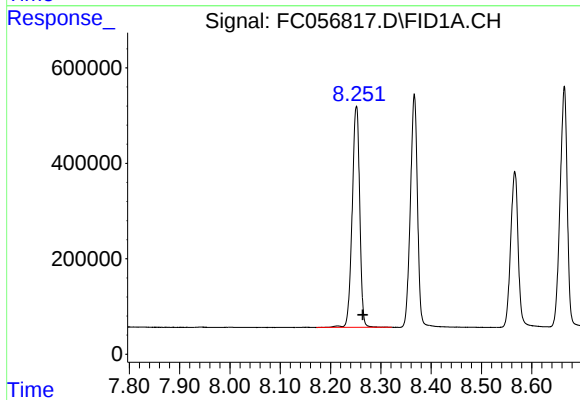
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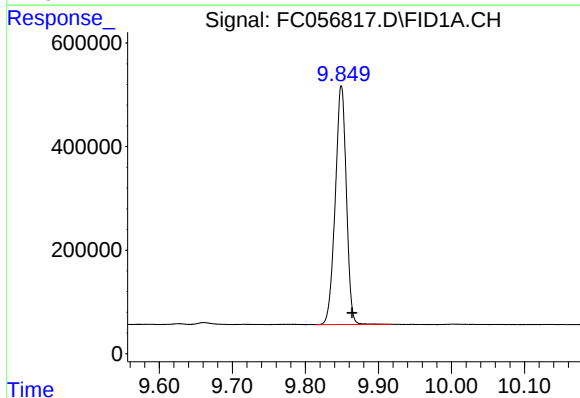
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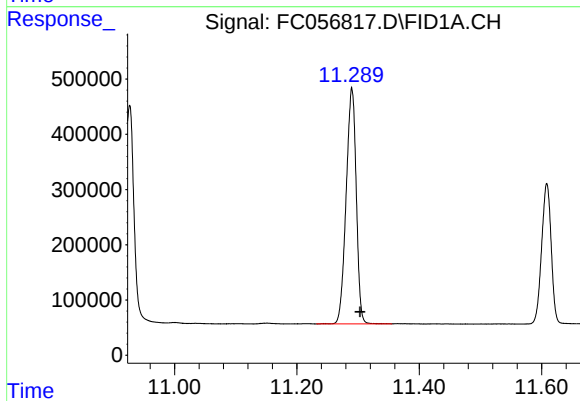
#6 n-Tetradecane (C14)

R.T.: 8.251 min
Delta R.T.: -0.013 min
Response: 4820647
Conc: 42.94 ug/ml



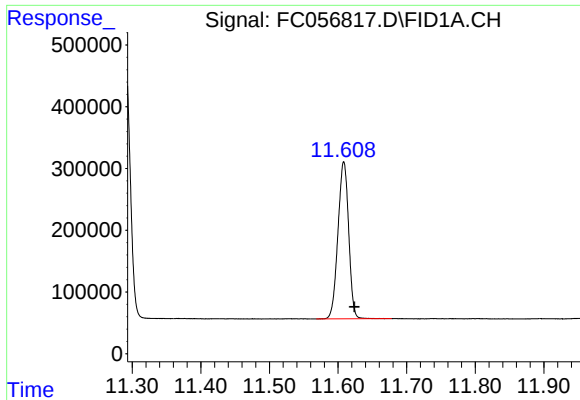
#7 n-Hexadecane (C16)

R.T.: 9.849 min
Delta R.T.: -0.015 min
Response: 4872722
Conc: 42.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.290 min
Delta R.T.: -0.014 min
Response: 4890377
Conc: 41.85 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.608 min
Delta R.T.: -0.016 min
Response: 2756011
Conc: 22.26 ug/ml

Instrument :

FID_C

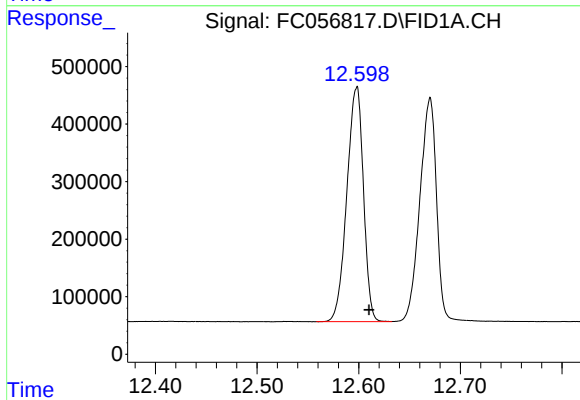
ClientSampleId :

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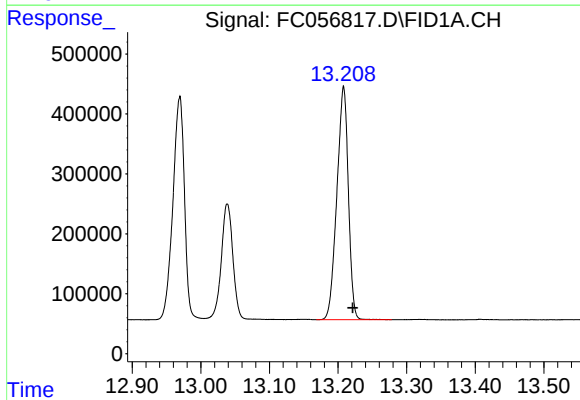
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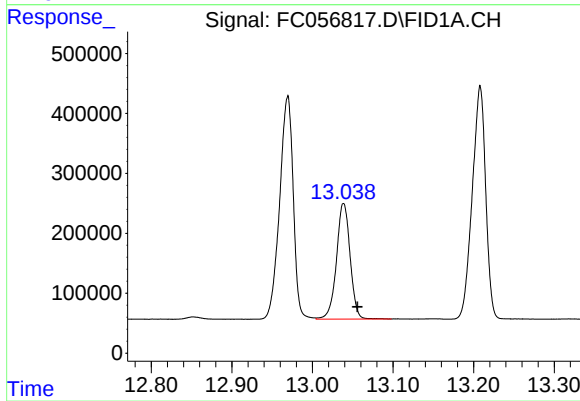
#10 n-Eicosane (C20)

R.T.: 12.598 min
Delta R.T.: -0.013 min
Response: 4624223
Conc: 40.24 ug/ml



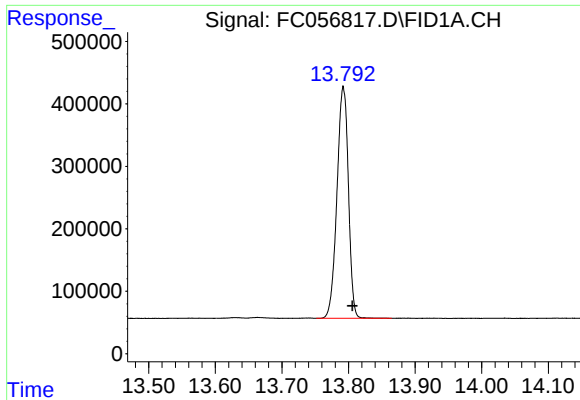
#11 n-Heneicosane (C21)

R.T.: 13.208 min
Delta R.T.: -0.013 min
Response: 4514832
Conc: 39.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.039 min
Delta R.T.: -0.017 min
Response: 2269758
Conc: 23.59 ug/ml



#13 n-Docosane (C22)

R.T.: 13.792 min
Delta R.T.: -0.013 min
Response: 4423844
Conc: 39.29 ug/ml

Instrument :

FID_C

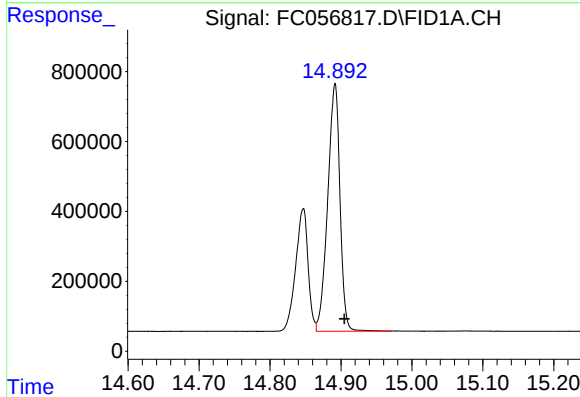
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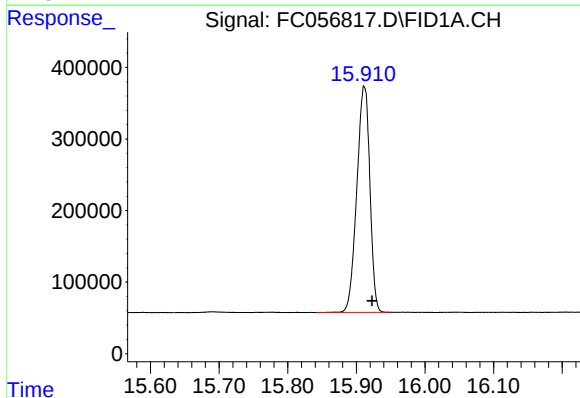
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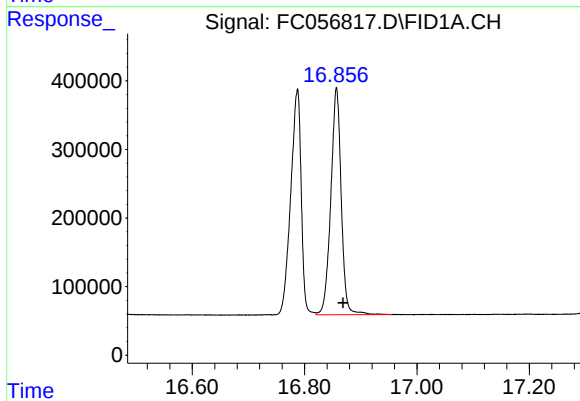
#14 n-Tetracosane (C24)

R.T.: 14.891 min
Delta R.T.: -0.014 min
Response: 8505318
Conc: 77.18 ug/ml



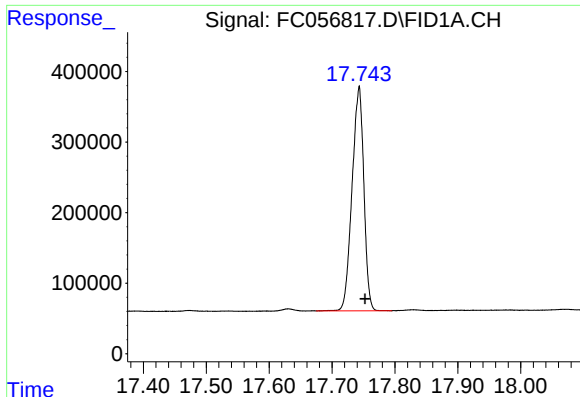
#15 n-Hexacosane (C26)

R.T.: 15.911 min
Delta R.T.: -0.011 min
Response: 4179559
Conc: 39.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.857 min
Delta R.T.: -0.012 min
Response: 4255525
Conc: 41.03 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.743 min
Delta R.T.: -0.010 min
Response: 4127835
Conc: 39.84 ug/ml

Instrument :

FID_C

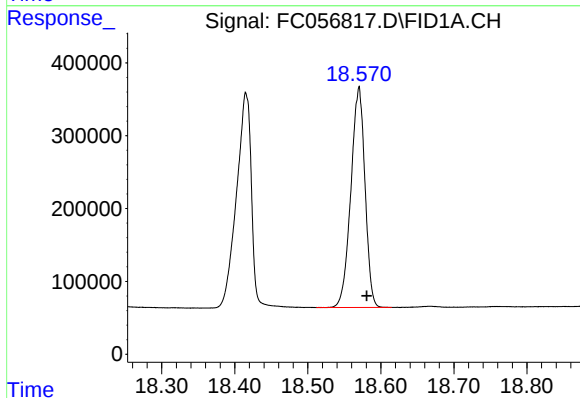
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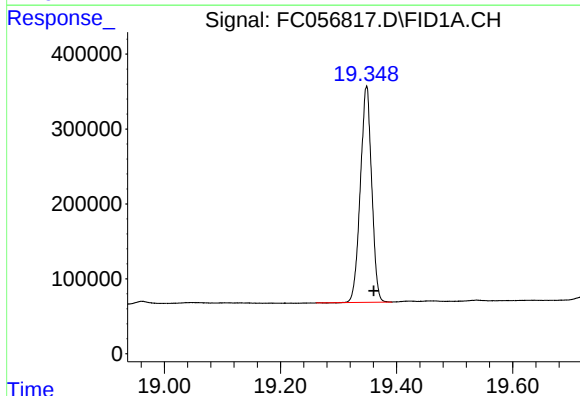
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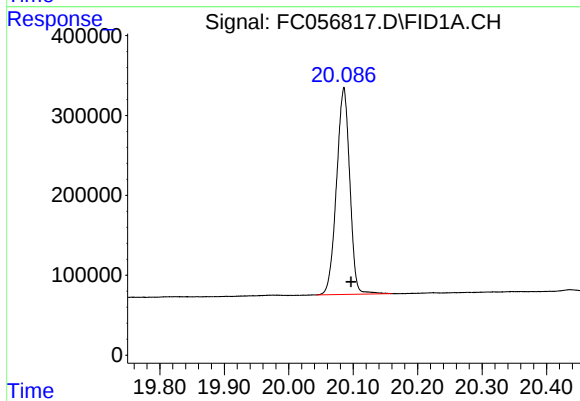
#18 n-Dotriacontane (C32)

R.T.: 18.570 min
Delta R.T.: -0.011 min
Response: 4067017
Conc: 42.45 ug/ml



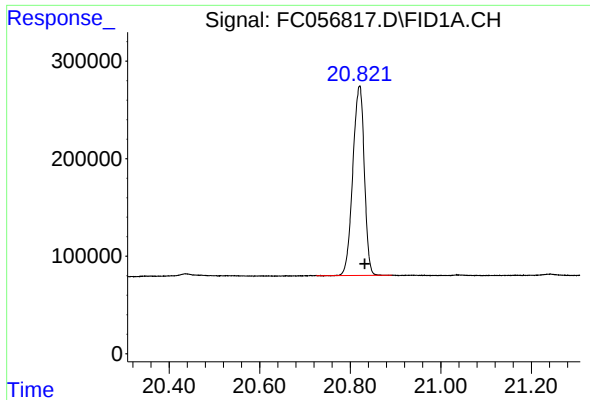
#19 n-Tetratriacontane (C34)

R.T.: 19.348 min
Delta R.T.: -0.013 min
Response: 3906411
Conc: 44.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.086 min
Delta R.T.: -0.011 min
Response: 3699188
Conc: 45.19 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.820 min
Delta R.T.: -0.012 min
Response: 3424403
Conc: 42.82 ug/ml

Instrument :

FID_C

ClientSampleId :

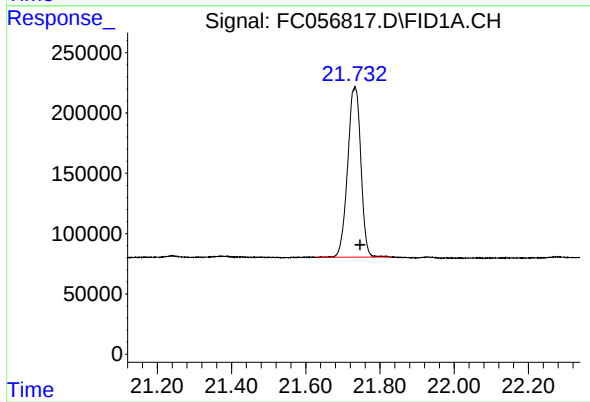
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#22 n-Tetracontane (C40)

R.T.: 21.732 min
Delta R.T.: -0.015 min
Response: 3475620
Conc: 42.19 ug/ml