

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022322AL\
 Data File : FC058439.D
 Signal(s) : FID1A.CH
 Acq On : 24 Feb 2022 1:31
 Operator : UA/NP
 Sample : PB142771BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB142771BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/24/2022
 Supervised By :Ankita Jodhani 02/24/2022

Integration File: autoint1.e
 Quant Time: Feb 24 02:09:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 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)	11.393	6499574	44.624 ug/ml
Spiked Amount 50.000		Recovery =	89.25%
12) S 1-chlorooctadecane (S...	12.825	5180859	45.707 ug/ml
Spiked Amount 50.000		Recovery =	91.41%
Target Compounds			
1) T n-Nonane (C9)	3.257	4767584	39.646 ug/ml
2) T n-Decane (C10)	4.299	4975462	41.811 ug/ml
3) T A~Naphthalene (C11.7)	5.854	5785972	44.582 ug/ml
4) T n-Dodecane (C12)	6.290	5366389	43.623 ug/ml
5) T A~2-methylnaphthalene...	6.899	5869991	45.025 ug/ml
6) T n-Tetradecane (C14)	8.069	5755300	45.930 ug/ml
7) T n-Hexadecane (C16)	9.655	6107743	47.428 ug/ml
8) T n-Octadecane (C18)	11.087	6386570	48.533 ug/ml
10) T n-Eicosane (C20)	12.387	6308166	47.972 ug/ml
11) T n-Heneicosane (C21)	12.994	6244505	47.250 ug/ml
13) T n-Docosane (C22)	13.576	6184808	47.440 ug/ml
14) T n-Tetracosane (C24)	14.672	6481581	50.193 ug/ml
15) T n-Hexacosane (C26)	15.689	5996784	48.478 ug/ml
16) T n-Octacosane (C28)	16.632	5932038	49.835 ug/ml
17) T n-Tricontane (C30)	17.517	5611506	49.852 ug/ml
18) T n-Dotriacontane (C32)	18.343	5267238	48.983 ug/ml
19) T n-Tetratriacontane (C34)	19.122	5114282	52.784 ug/ml
20) T n-Hexatriacontane (C36)	19.860	4700606	52.104 ug/ml
21) T n-Octatriacontane (C38)	20.564	4378751	50.317 ug/mlm
22) T n-Tetracontane (C40)	21.388	4256582	50.724 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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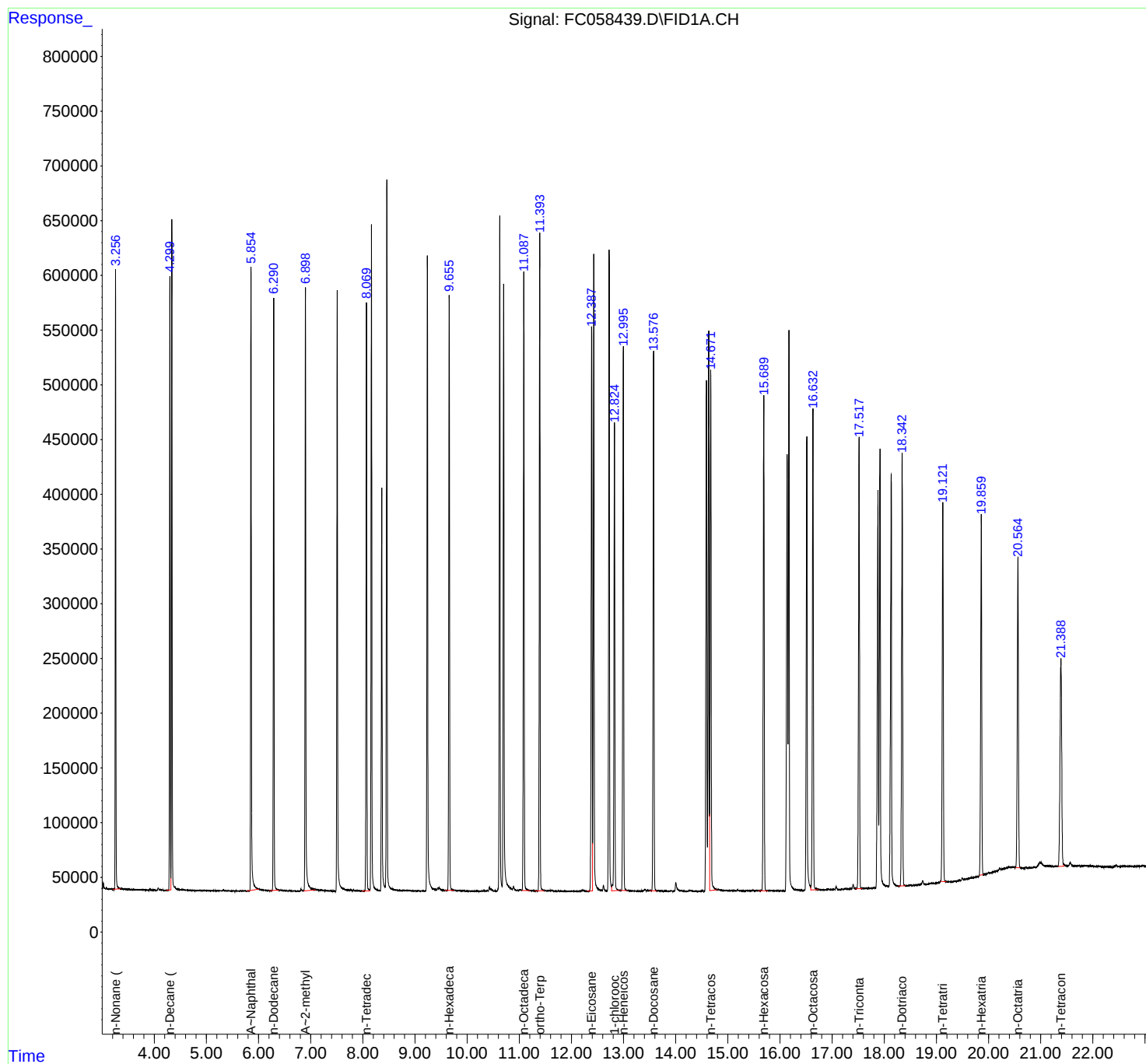
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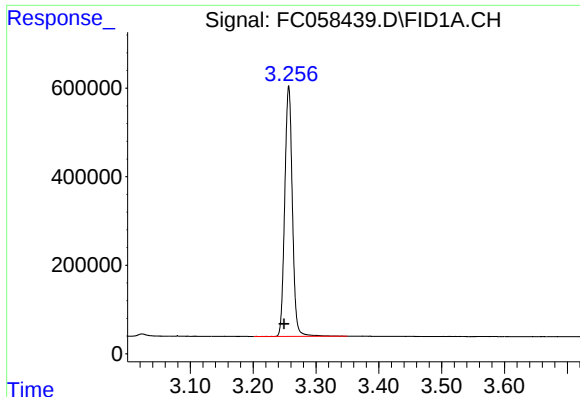
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#1 n-Nonane (C9)

R.T.: 3.257 min
Delta R.T.: 0.008 min
Response: 4767584
Conc: 39.65 ug/ml

Instrument :

FID_C

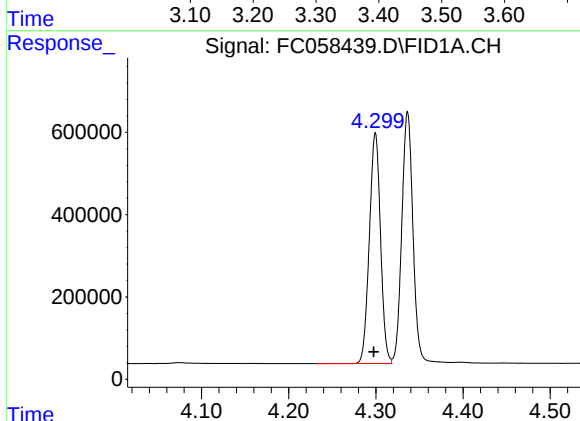
ClientSampleId :

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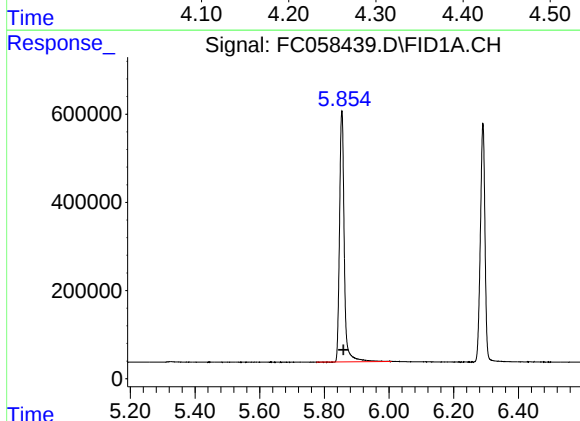
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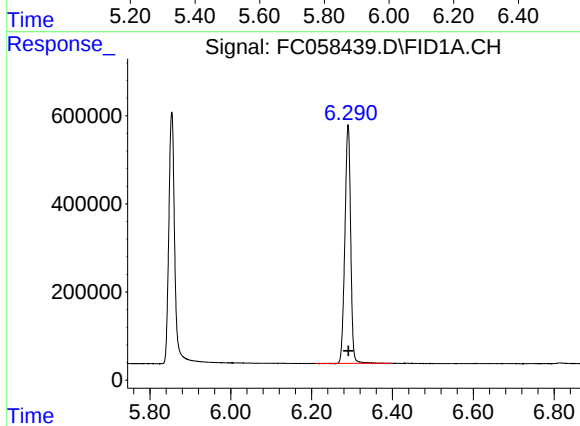
#2 n-Decane (C10)

R.T.: 4.299 min
Delta R.T.: 0.002 min
Response: 4975462
Conc: 41.81 ug/ml



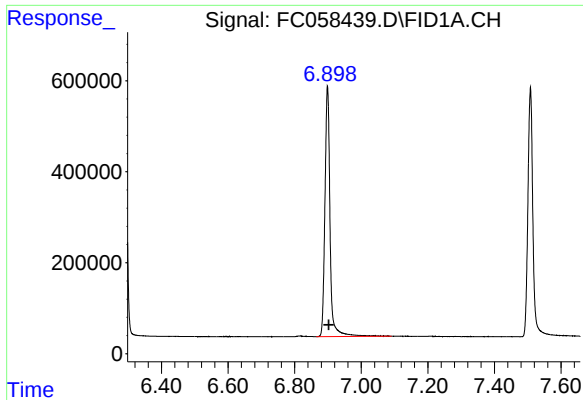
#3 A~Naphthalene (C11.7)

R.T.: 5.854 min
Delta R.T.: -0.005 min
Response: 5785972
Conc: 44.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 5366389
Conc: 43.62 ug/ml



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

R.T.: 6.899 min
Delta R.T.: -0.004 min
Response: 5869991
Conc: 45.03 ug/ml

Instrument :

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ClientSampleId :

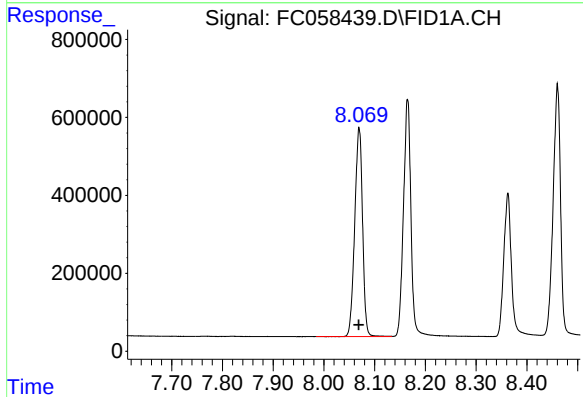
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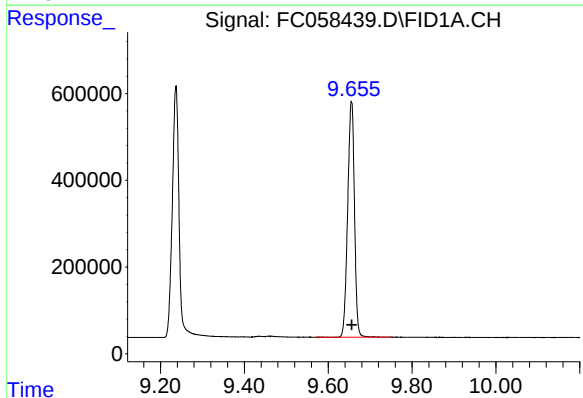
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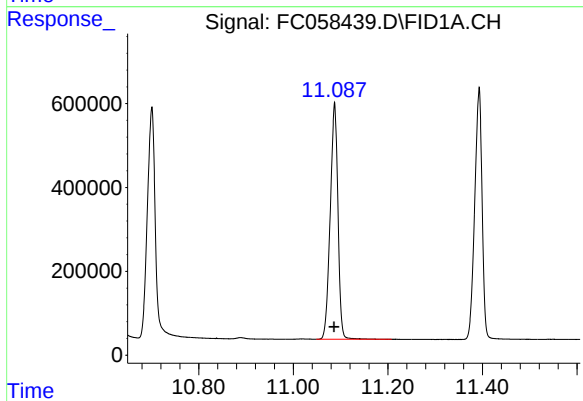
#6 n-Tetradecane (C14)

R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 5755300
Conc: 45.93 ug/ml



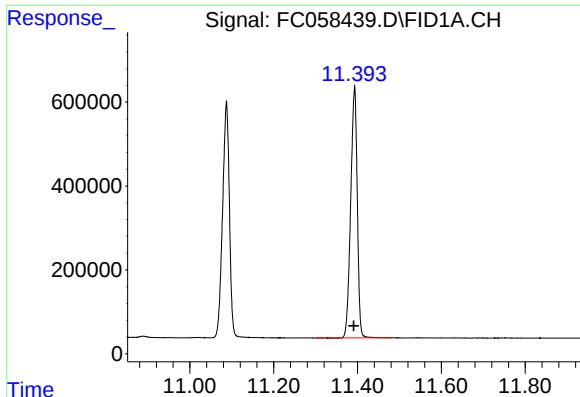
#7 n-Hexadecane (C16)

R.T.: 9.655 min
Delta R.T.: 0.000 min
Response: 6107743
Conc: 47.43 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.087 min
Delta R.T.: 0.000 min
Response: 6386570
Conc: 48.53 ug/ml



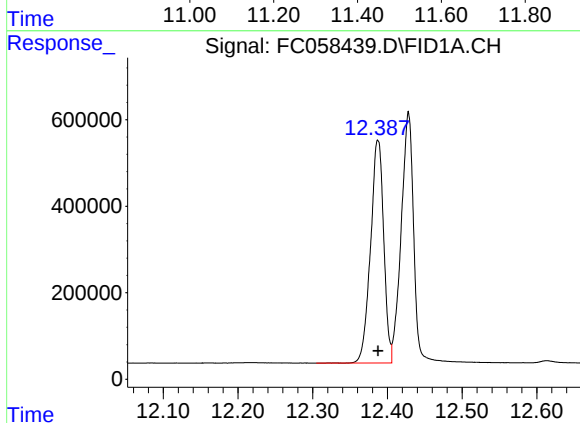
#9 ortho-Terphenyl (SURR)

R.T.: 11.393 min
Delta R.T.: 0.001 min
Response: 6499574
Conc: 44.62 ug/ml

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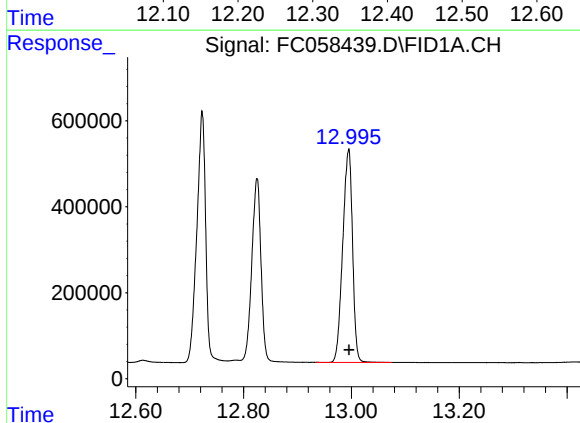
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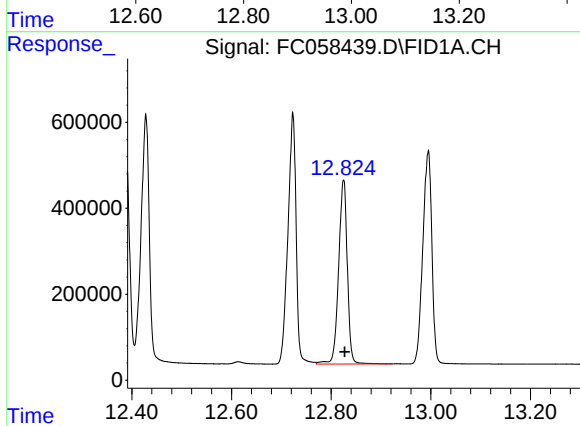
#10 n-Eicosane (C20)

R.T.: 12.387 min
Delta R.T.: 0.000 min
Response: 6308166
Conc: 47.97 ug/ml



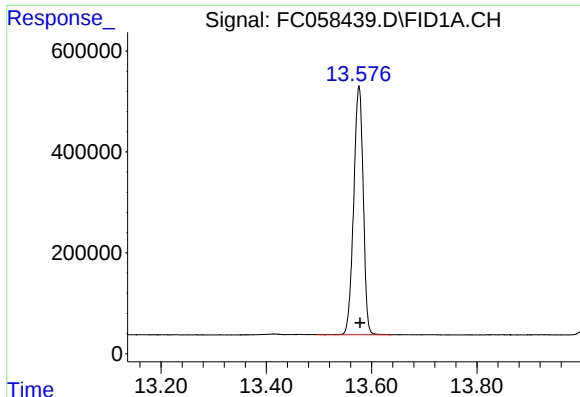
#11 n-Heneicosane (C21)

R.T.: 12.994 min
Delta R.T.: -0.001 min
Response: 6244505
Conc: 47.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.825 min
Delta R.T.: -0.002 min
Response: 5180859
Conc: 45.71 ug/ml



#13 n-Docosane (C22)

R.T.: 13.576 min
Delta R.T.: -0.002 min
Response: 6184808
Conc: 47.44 ug/ml

Instrument :

FID_C

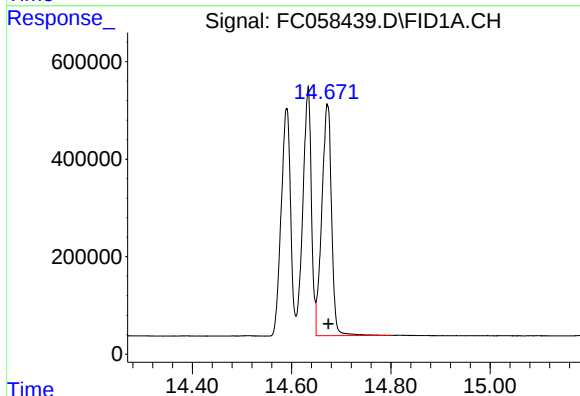
ClientSampleId :

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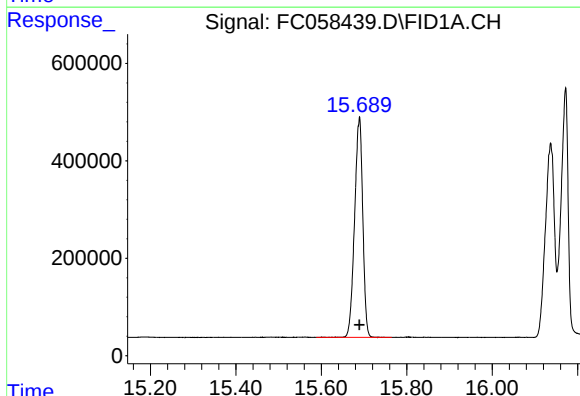
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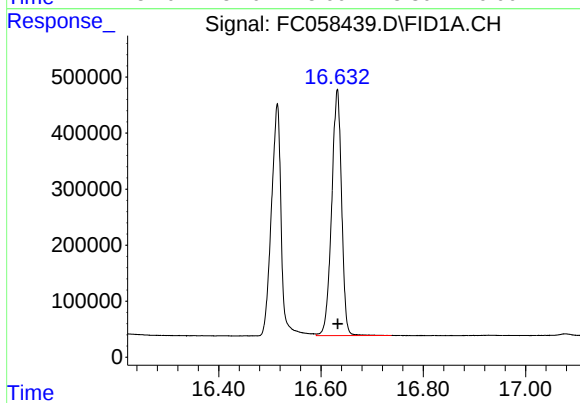
#14 n-Tetracosane (C24)

R.T.: 14.672 min
Delta R.T.: -0.002 min
Response: 6481581
Conc: 50.19 ug/ml



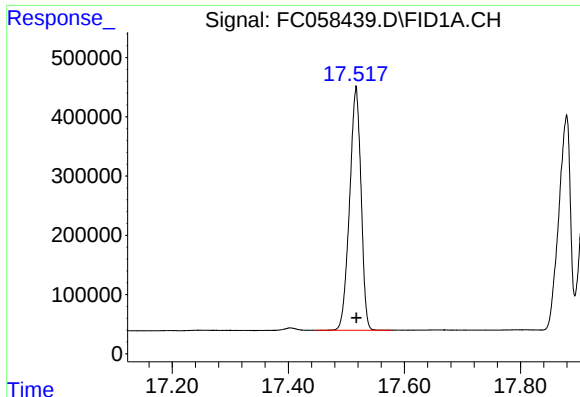
#15 n-Hexacosane (C26)

R.T.: 15.689 min
Delta R.T.: 0.000 min
Response: 5996784
Conc: 48.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.632 min
Delta R.T.: -0.002 min
Response: 5932038
Conc: 49.83 ug/ml



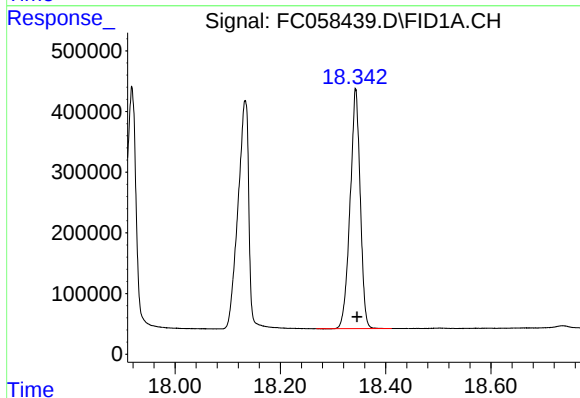
#17 n-Tricontane (C30)

R.T.: 17.517 min
Delta R.T.: 0.000 min
Response: 5611506
Conc: 49.85 ug/ml

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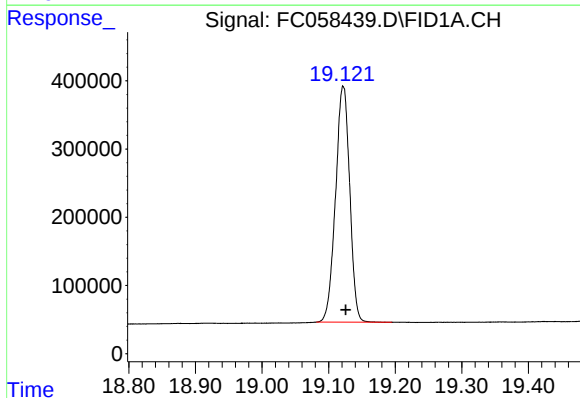
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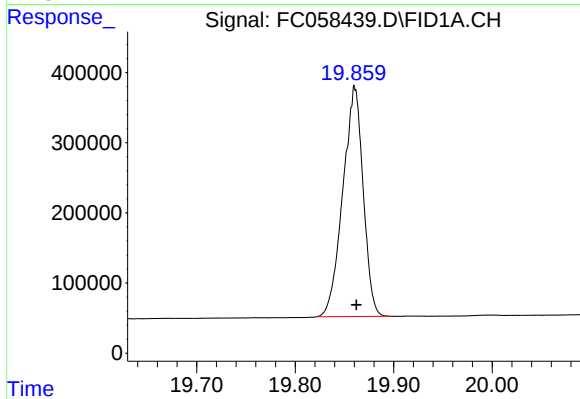
#18 n-Dotriacontane (C32)

R.T.: 18.343 min
Delta R.T.: -0.003 min
Response: 5267238
Conc: 48.98 ug/ml



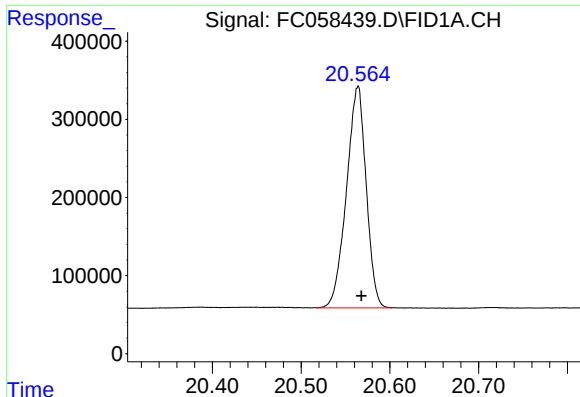
#19 n-Tetratriacontane (C34)

R.T.: 19.122 min
Delta R.T.: -0.004 min
Response: 5114282
Conc: 52.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.860 min
Delta R.T.: -0.002 min
Response: 4700606
Conc: 52.10 ug/ml



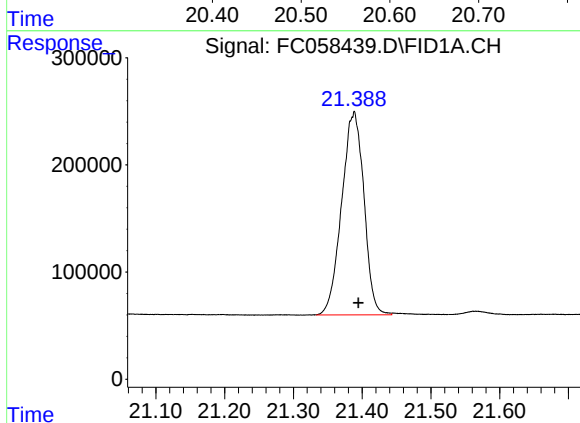
#21 n-Octatriacontane (C38)

R.T.: 20.564 min
Delta R.T.: -0.004 min
Response: 4378751
Conc: 50.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.388 min
Delta R.T.: -0.006 min
Response: 4256582
Conc: 50.72 ug/ml m