

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083121AL\
 Data File : FC055465.D
 Signal(s) : FID1A.CH
 Acq On : 31 Aug 2021 16:13
 Operator : AJ\MA
 Sample : PB138840BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB138840BS

Manual Integrations
 APPROVED

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 9/1/2021 4:27:02 PM

Integration File: autoint1.e
 Quant Time: Sep 01 02:07:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:45:39 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)	11.665	5474617	43.823 ug/ml
Spiked Amount 50.000		Recovery =	87.65%
12) S 1-chlorooctadecane (S...	13.099	4394374	44.402 ug/ml
Spiked Amount 50.000		Recovery =	88.80%
Target Compounds			
1) T n-Nonane (C9)	3.414	4929446	45.603 ug/ml
2) T n-Decane (C10)	4.478	5353488	49.097 ug/ml
3) T A~Naphthalene (C11.7)	6.063	6314222	51.243 ug/ml
4) T n-Dodecane (C12)	6.495	5742982	52.450 ug/ml
5) T A~2-methylnaphthalene...	7.122	6250323	50.225 ug/ml
6) T n-Tetradecane (C14)	8.297	6222416	55.868 ug/ml
7) T n-Hexadecane (C16)	9.899	6626681	58.635 ug/ml
8) T n-Octadecane (C18)	11.345	7010277	60.212 ug/ml
10) T n-Eicosane (C20)	12.657	6884720	58.921 ug/ml
11) T n-Heneicosane (C21)	13.268	6875033	58.414 ug/ml
13) T n-Docosane (C22)	13.856	6788156	58.192 ug/ml
14) T n-Tetracosane (C24)	14.959	3382044	29.041 ug/mlm
15) T n-Hexacosane (C26)	15.984	6418386	56.658 ug/ml
16) T n-Octacosane (C28)	16.932	6196879	56.002 ug/ml
17) T n-Tricontane (C30)	17.820	5722380	53.815 ug/ml
18) T n-Dotriacontane (C32)	18.651	5277077	52.655 ug/ml
19) T n-Tetratriacontane (C34)	19.433	4737172	50.193 ug/ml
20) T n-Hexatriacontane (C36)	20.173	4267181	49.147 ug/ml
21) T n-Octatriacontane (C38)	20.926	4000363	49.079 ug/ml
22) T n-Tetracontane (C40)	21.871	4098300	51.028 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 4 Sample Multiplier: 1

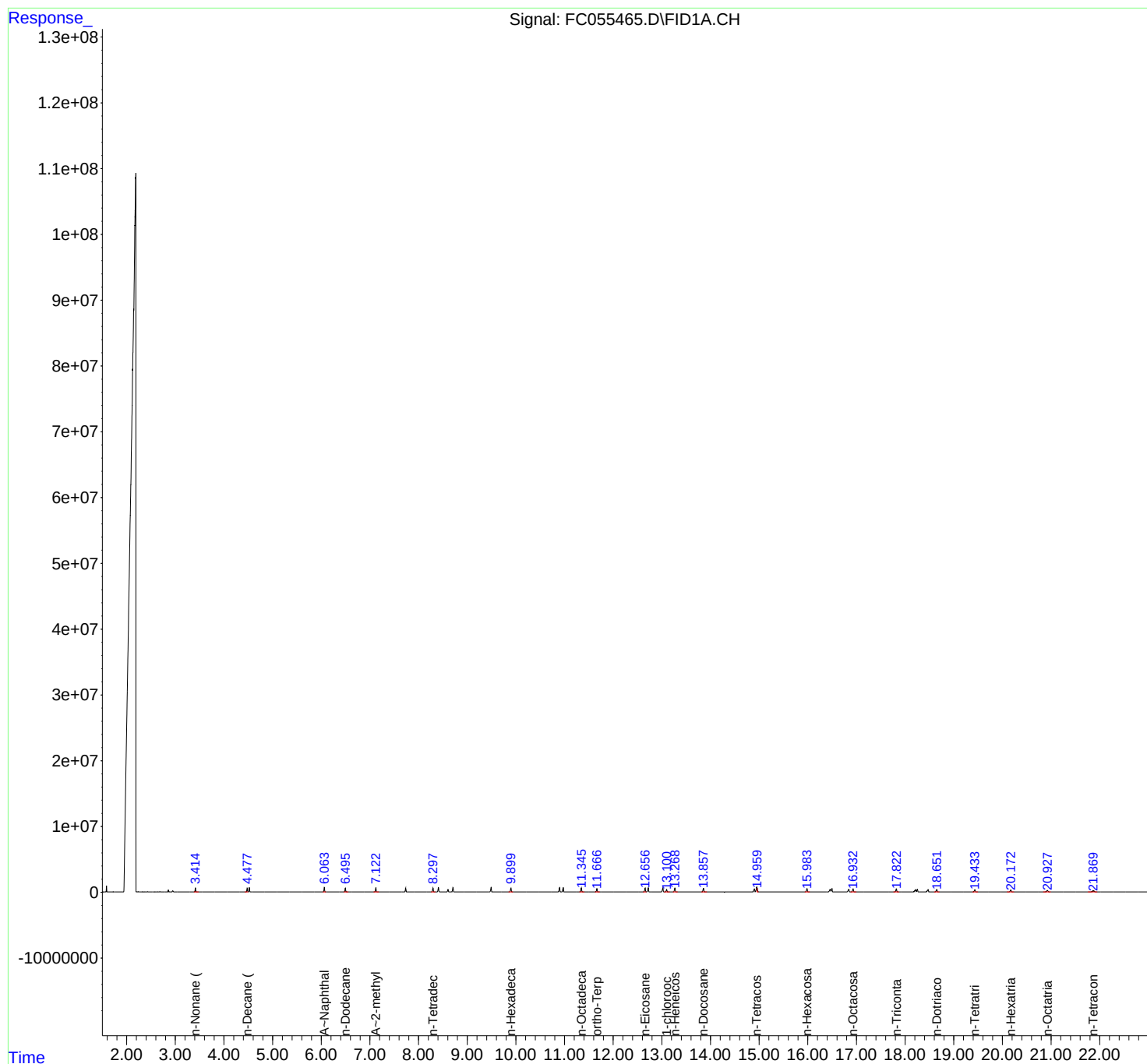
Instrument :
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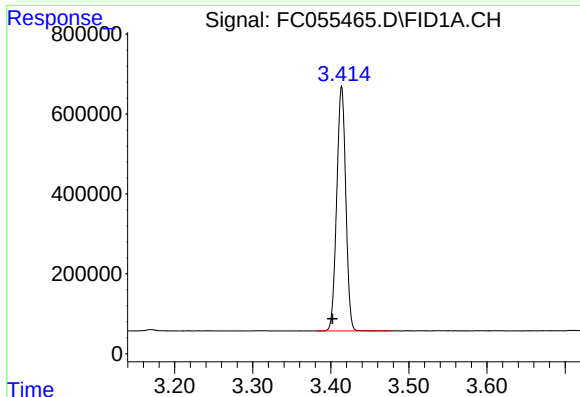
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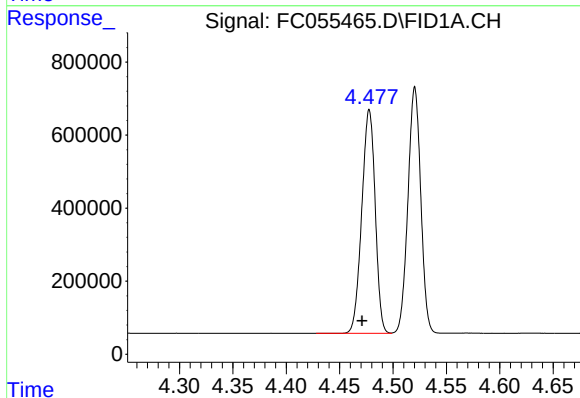
#1 n-Nonane (C9)

R.T.: 3.414 min
Delta R.T.: 0.012 min
Response: 4929446
Conc: 45.60 ug/ml

Instrument :
FID_C
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PB138840BS

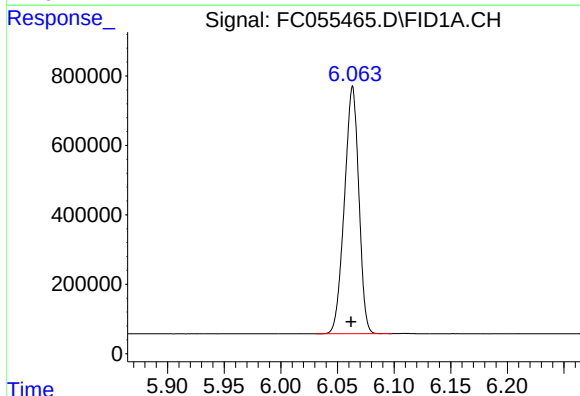
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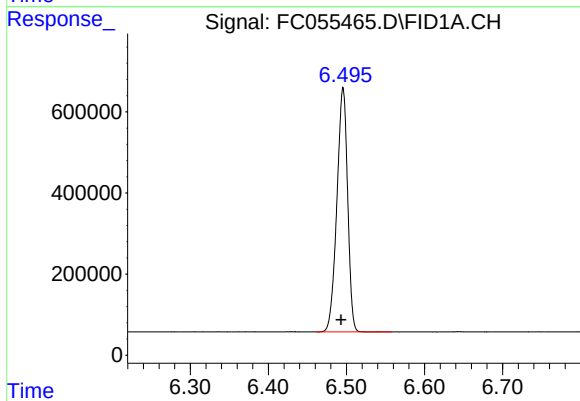
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: 0.006 min
Response: 5353488
Conc: 49.10 ug/ml



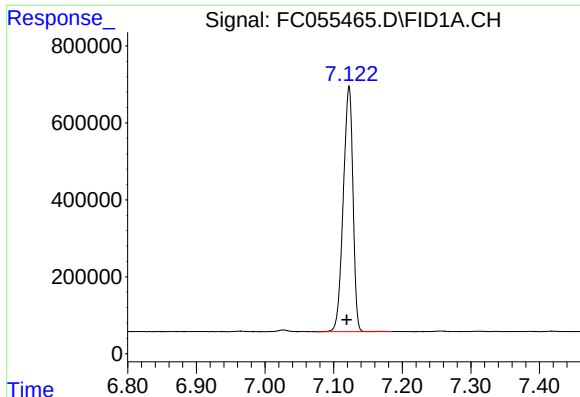
#3 A~Naphthalene (C11.7)

R.T.: 6.063 min
Delta R.T.: 0.001 min
Response: 6314222
Conc: 51.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.495 min
Delta R.T.: 0.002 min
Response: 5742982
Conc: 52.45 ug/ml



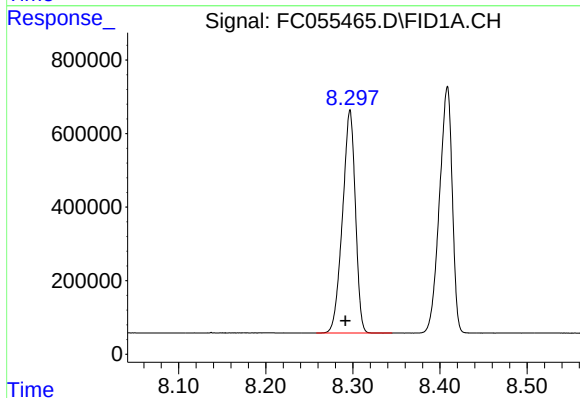
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.122 min
Delta R.T.: 0.003 min
Response: 6250323
Conc: 50.22 ug/ml

Instrument :
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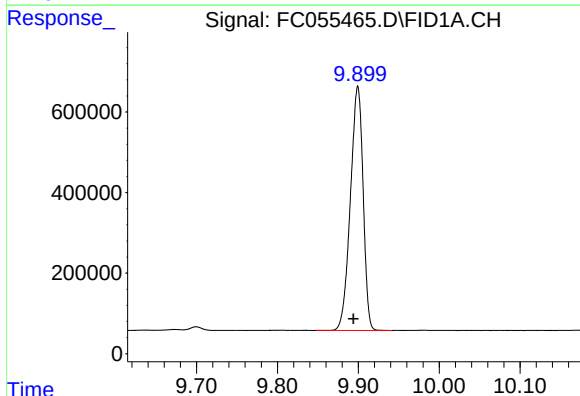
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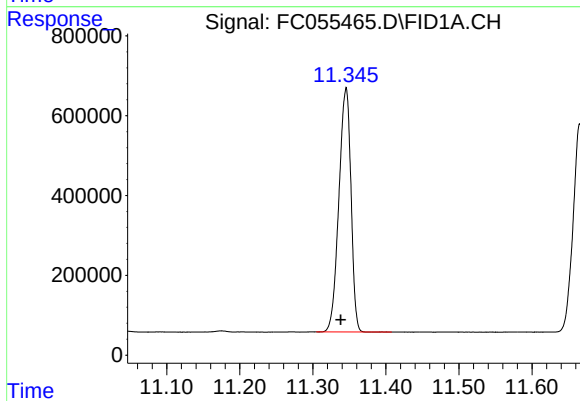
#6 n-Tetradecane (C14)

R.T.: 8.297 min
Delta R.T.: 0.005 min
Response: 6222416
Conc: 55.87 ug/ml



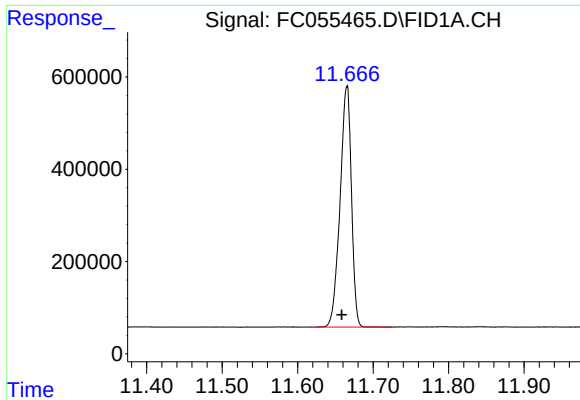
#7 n-Hexadecane (C16)

R.T.: 9.899 min
Delta R.T.: 0.005 min
Response: 6626681
Conc: 58.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.345 min
Delta R.T.: 0.007 min
Response: 7010277
Conc: 60.21 ug/ml



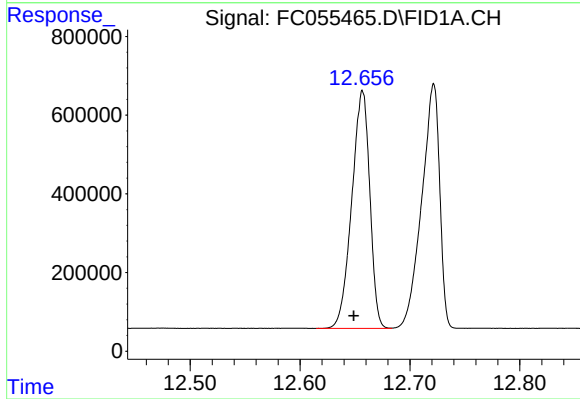
#9 ortho-Terphenyl (SURR)

R.T.: 11.665 min
Delta R.T.: 0.006 min
Response: 5474617
Conc: 43.82 ug/ml

Instrument :
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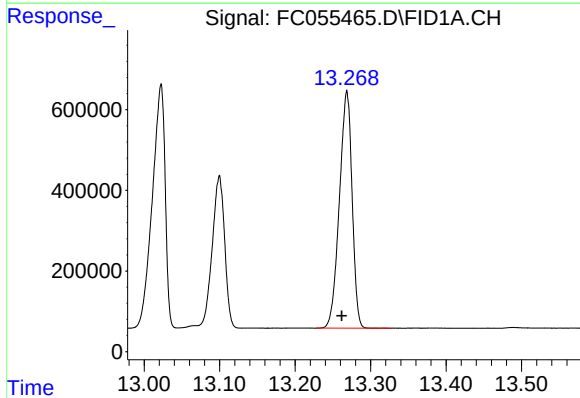
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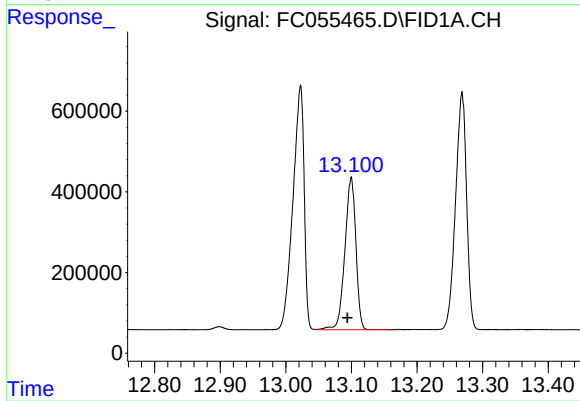
#10 n-Eicosane (C20)

R.T.: 12.657 min
Delta R.T.: 0.008 min
Response: 6884720
Conc: 58.92 ug/ml



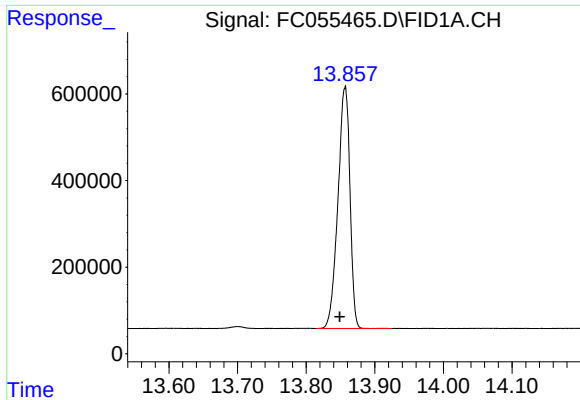
#11 n-Heneicosane (C21)

R.T.: 13.268 min
Delta R.T.: 0.006 min
Response: 6875033
Conc: 58.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.099 min
Delta R.T.: 0.005 min
Response: 4394374
Conc: 44.40 ug/ml



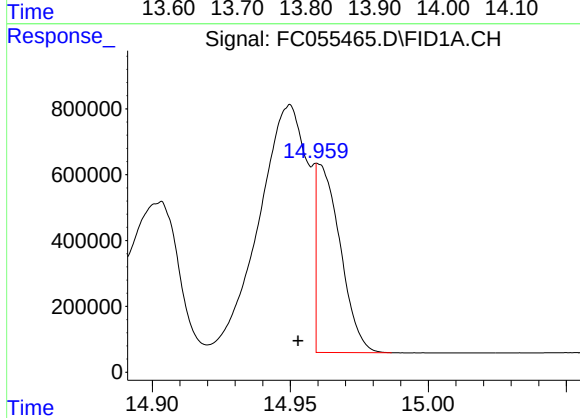
#13 n-Docosane (C22)

R.T.: 13.856 min
Delta R.T.: 0.008 min
Response: 6788156
Conc: 58.19 ug/ml

Instrument :
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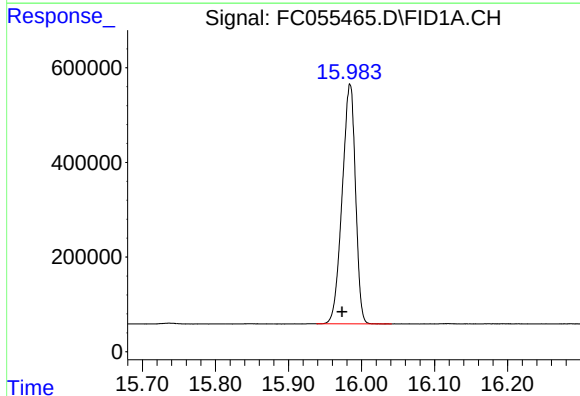
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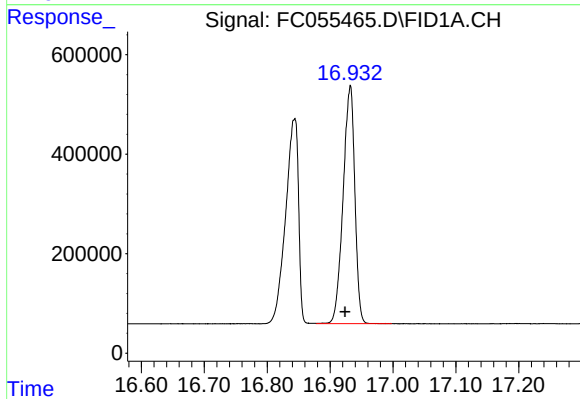
#14 n-Tetracosane (C24)

R.T.: 14.959 min
Delta R.T.: 0.006 min
Response: 3382044
Conc: 29.04 ug/ml m



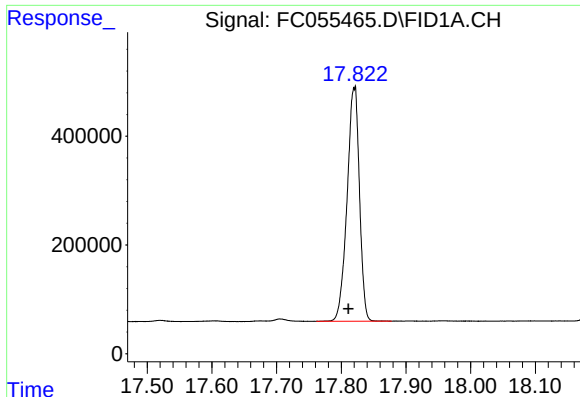
#15 n-Hexacosane (C26)

R.T.: 15.984 min
Delta R.T.: 0.010 min
Response: 6418386
Conc: 56.66 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.932 min
Delta R.T.: 0.008 min
Response: 6196879
Conc: 56.00 ug/ml



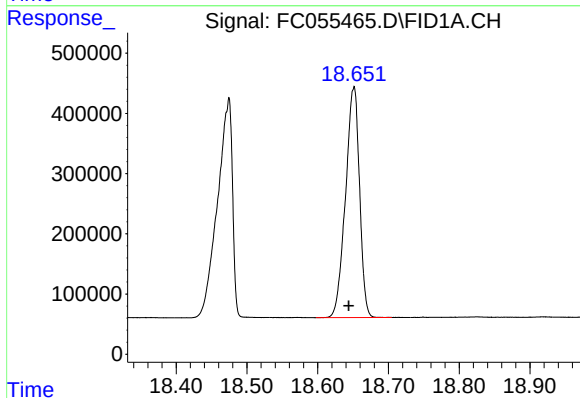
#17 n-Tricontane (C30)

R.T.: 17.820 min
Delta R.T.: 0.009 min
Response: 5722380
Conc: 53.82 ug/ml

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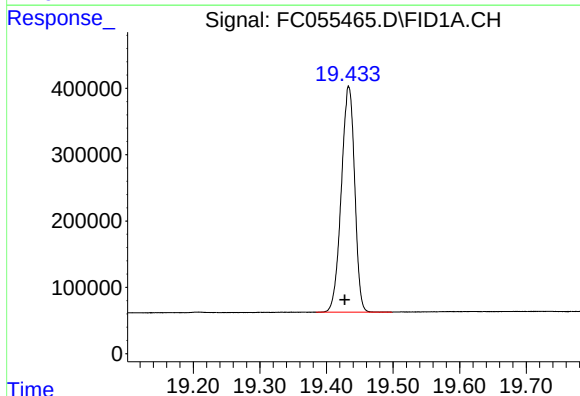
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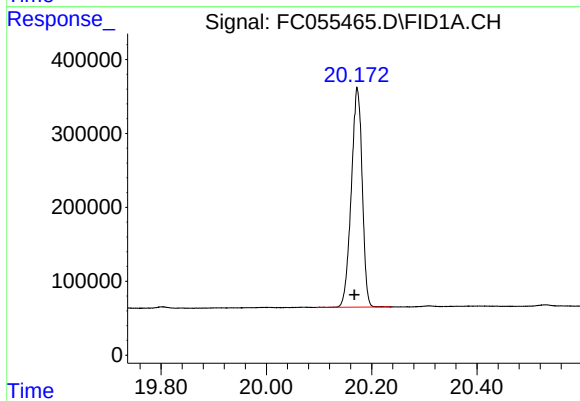
#18 n-Dotriacontane (C32)

R.T.: 18.651 min
Delta R.T.: 0.007 min
Response: 5277077
Conc: 52.65 ug/ml



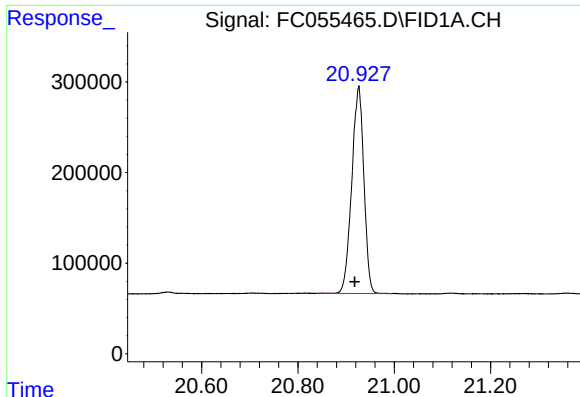
#19 n-Tetratriacontane (C34)

R.T.: 19.433 min
Delta R.T.: 0.006 min
Response: 4737172
Conc: 50.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.173 min
Delta R.T.: 0.006 min
Response: 4267181
Conc: 49.15 ug/ml



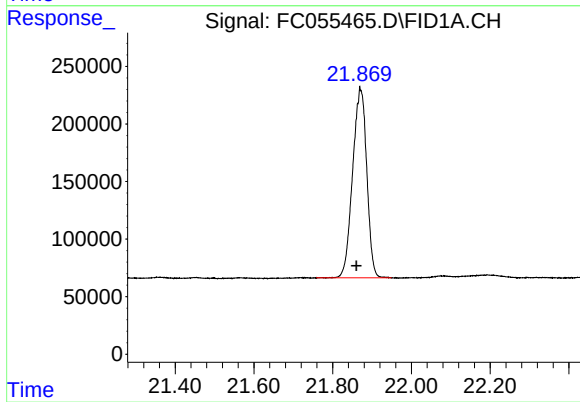
#21 n-Octatriacontane (C38)

R.T.: 20.926 min
Delta R.T.: 0.008 min
Response: 4000363
Conc: 49.08 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.871 min
Delta R.T.: 0.011 min
Response: 4098300
Conc: 51.03 ug/ml