

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083021AL\
 Data File : FC055452.D
 Signal(s) : FID1A.CH
 Acq On : 31 Aug 2021 2:24
 Operator : AJ\MA
 Sample : PB138790BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB138790BSD

Manual Integrations
 APPROVED

mohammad
 8/31/2021 12:52:47 PM

Integration File: autoint1.e
 Quant Time: Aug 31 03:55:04 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)	11.664	6222242	49.807 ug/ml
Spiked Amount 50.000		Recovery =	99.61%
12) S 1-chlorooctadecane (S...	13.098	4997545	50.497 ug/ml
Spiked Amount 50.000		Recovery =	100.99%
Target Compounds			
1) T n-Nonane (C9)	3.413	4944424	45.742 ug/ml
2) T n-Decane (C10)	4.478	5393183	49.461 ug/ml
3) T A~Naphthalene (C11.7)	6.064	6474341	52.542 ug/ml
4) T n-Dodecane (C12)	6.496	5950607	54.346 ug/ml
5) T A~2-methylnaphthalene...	7.122	6480489	52.074 ug/ml
6) T n-Tetradecane (C14)	8.296	6392334	57.394 ug/ml
7) T n-Hexadecane (C16)	9.898	6647944	58.824 ug/ml
8) T n-Octadecane (C18)	11.343	6997479	60.102 ug/ml
10) T n-Eicosane (C20)	12.655	6916576	59.194 ug/ml
11) T n-Heneicosane (C21)	13.267	6946330	59.019 ug/ml
13) T n-Docosane (C22)	13.854	6928276	59.393 ug/ml
14) T n-Tetracosane (C24)	14.955	3951725	33.932 ug/mlm
15) T n-Hexacosane (C26)	15.982	6866047	60.609 ug/ml
16) T n-Octacosane (C28)	16.930	6798475	61.438 ug/ml
17) T n-Tricontane (C30)	17.819	6379092	59.991 ug/ml
18) T n-Dotriacontane (C32)	18.651	5914603	59.016 ug/ml
19) T n-Tetratriacontane (C34)	19.433	5233468	55.452 ug/ml
20) T n-Hexatriacontane (C36)	20.172	4600615	52.987 ug/ml
21) T n-Octatriacontane (C38)	20.927	4171650	51.180 ug/ml
22) T n-Tetracontane (C40)	21.871	4144182	51.599 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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 ALS Vial : 10 Sample Multiplier: 1

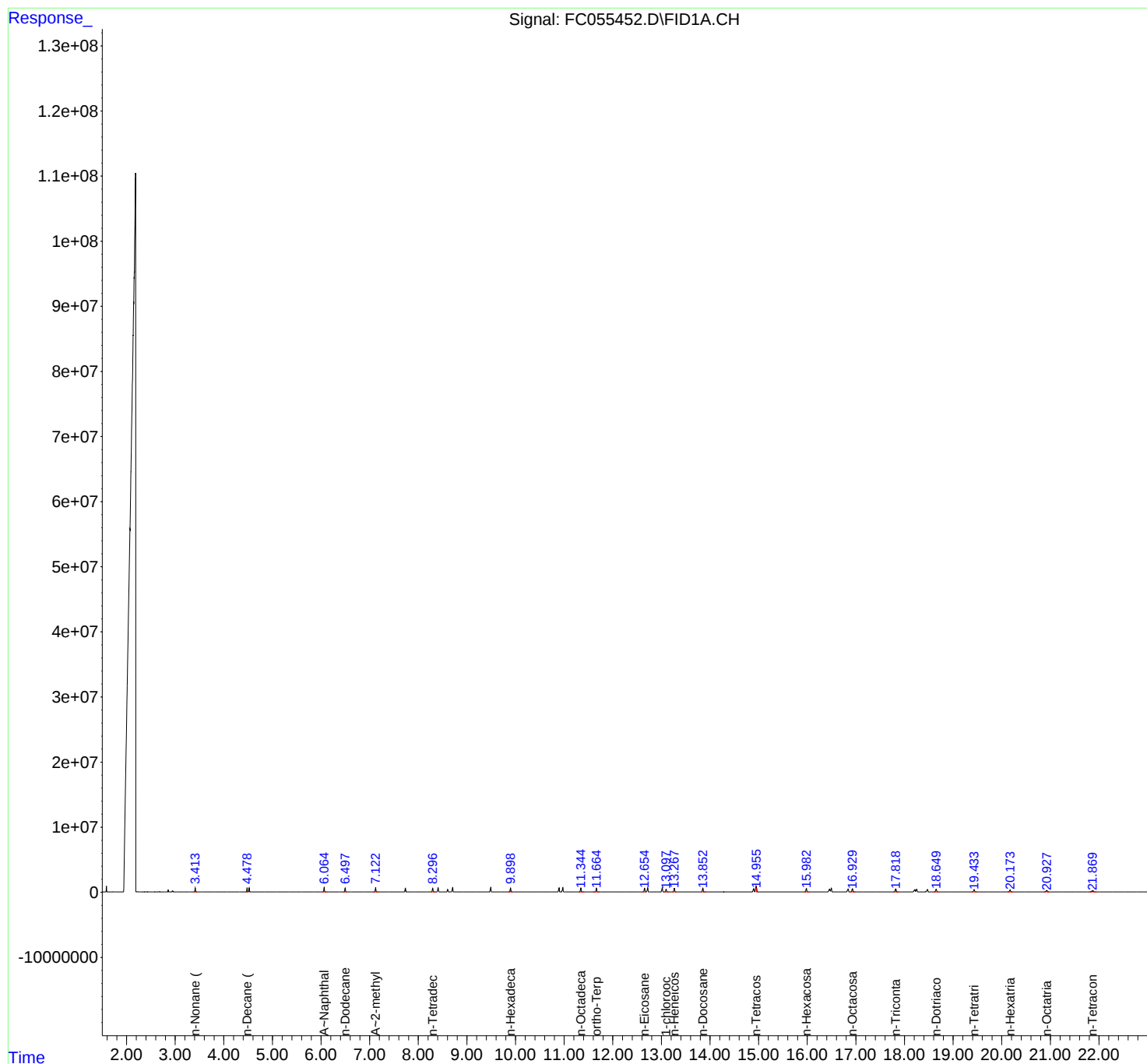
Instrument :
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 ClientSampleId :
 PB138790BSD

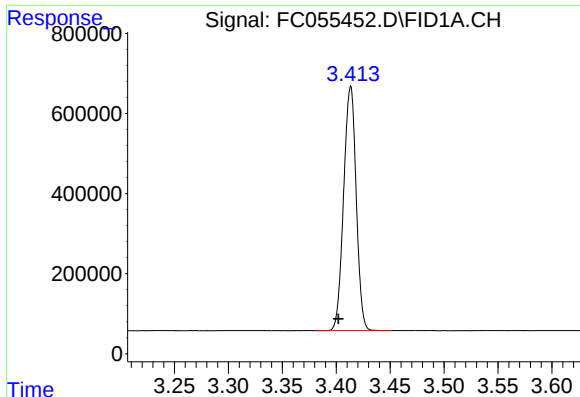
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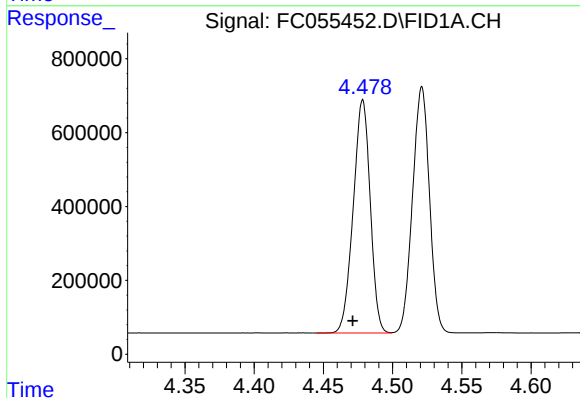
#1 n-Nonane (C9)

R.T.: 3.413 min
Delta R.T.: 0.011 min
Response: 4944424
Conc: 45.74 ug/ml

Instrument :
FID_C
ClientSampleId :
PB138790BSD

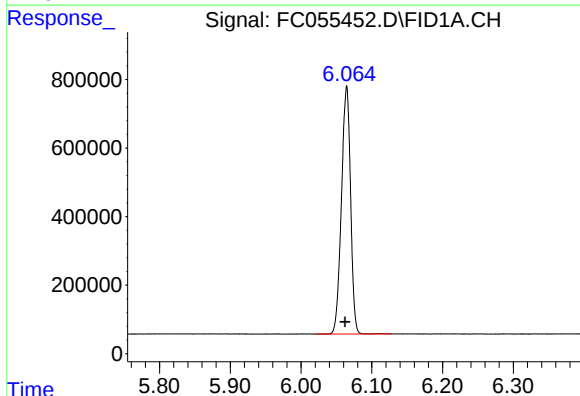
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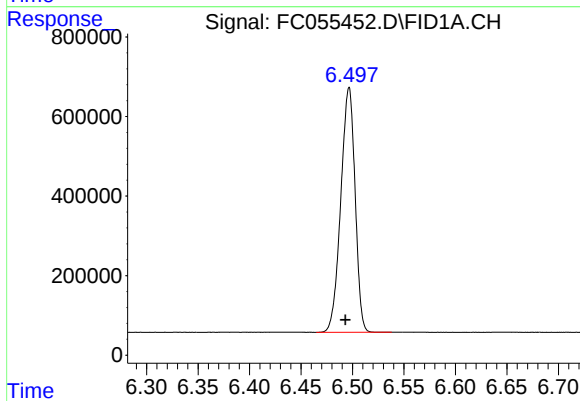
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: 0.007 min
Response: 5393183
Conc: 49.46 ug/ml



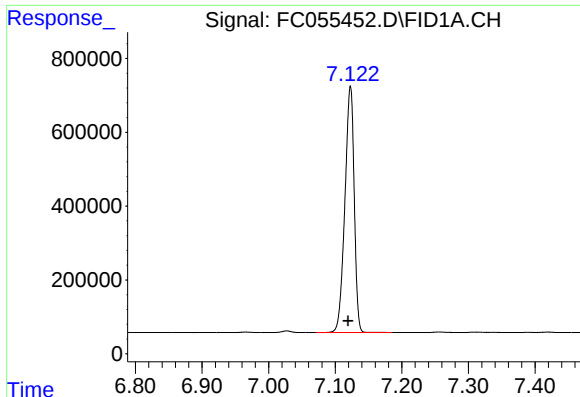
#3 A~Naphthalene (C11.7)

R.T.: 6.064 min
Delta R.T.: 0.002 min
Response: 6474341
Conc: 52.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.496 min
Delta R.T.: 0.003 min
Response: 5950607
Conc: 54.35 ug/ml



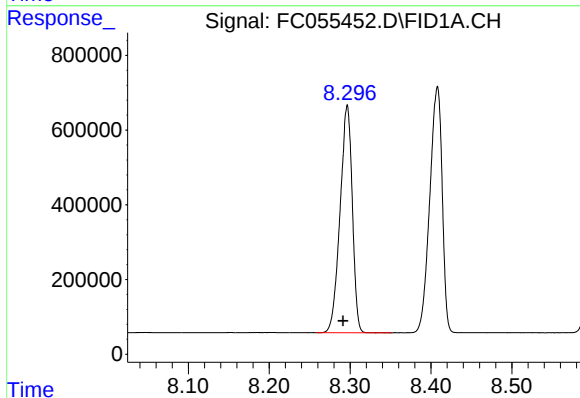
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.122 min
Delta R.T.: 0.003 min
Response: 6480489
Conc: 52.07 ug/ml

Instrument :
FID_C
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PB138790BSD

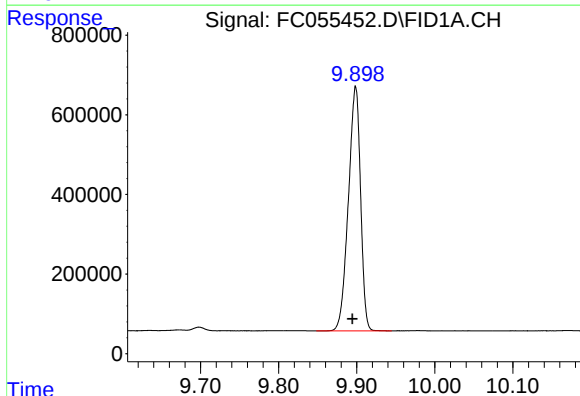
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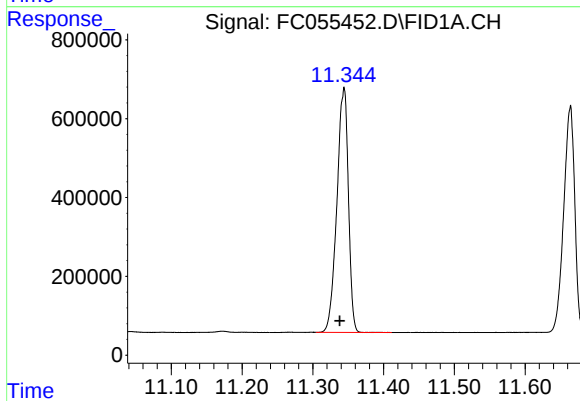
#6 n-Tetradecane (C14)

R.T.: 8.296 min
Delta R.T.: 0.005 min
Response: 6392334
Conc: 57.39 ug/ml



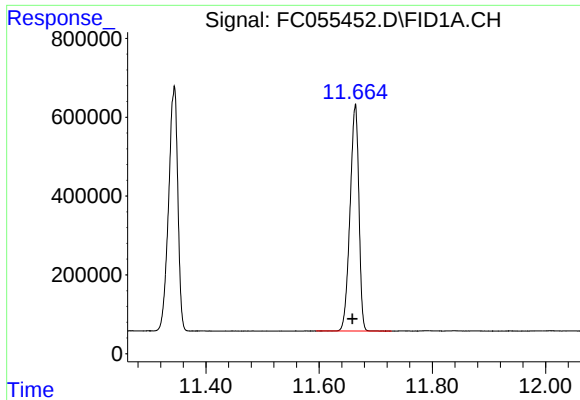
#7 n-Hexadecane (C16)

R.T.: 9.898 min
Delta R.T.: 0.004 min
Response: 6647944
Conc: 58.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.343 min
Delta R.T.: 0.005 min
Response: 6997479
Conc: 60.10 ug/ml



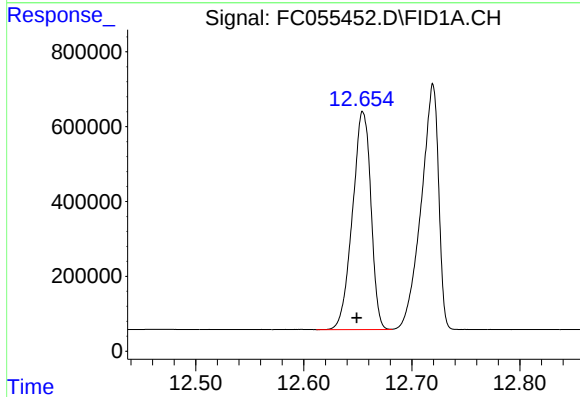
#9 ortho-Terphenyl (SURR)

R.T.: 11.664 min
Delta R.T.: 0.005 min
Response: 6222242
Conc: 49.81 ug/ml

Instrument :
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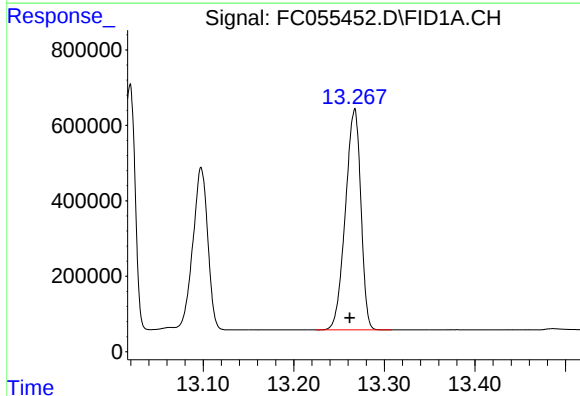
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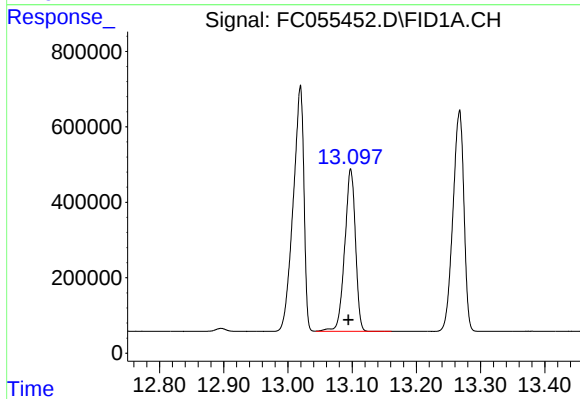
#10 n-Eicosane (C20)

R.T.: 12.655 min
Delta R.T.: 0.006 min
Response: 6916576
Conc: 59.19 ug/ml



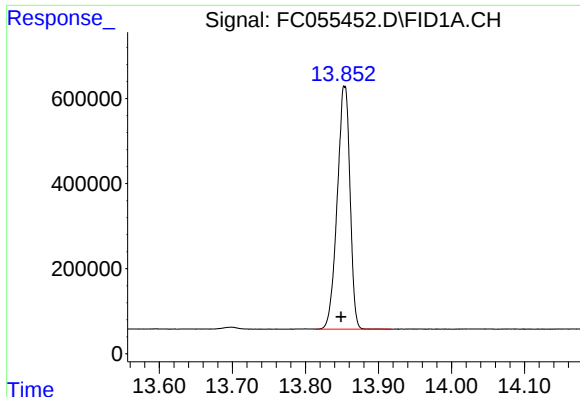
#11 n-Heneicosane (C21)

R.T.: 13.267 min
Delta R.T.: 0.005 min
Response: 6946330
Conc: 59.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.098 min
Delta R.T.: 0.004 min
Response: 4997545
Conc: 50.50 ug/ml



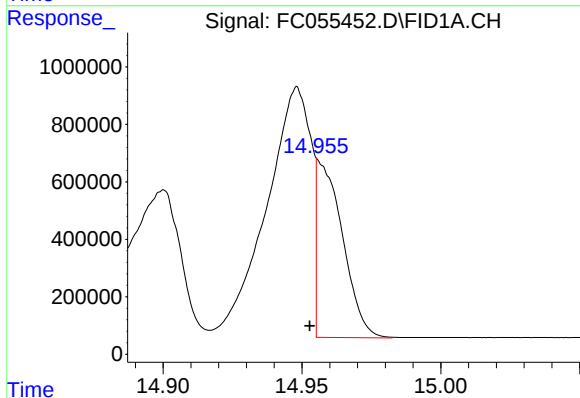
#13 n-Docosane (C22)

R.T.: 13.854 min
Delta R.T.: 0.005 min
Response: 6928276
Conc: 59.39 ug/ml

Instrument :
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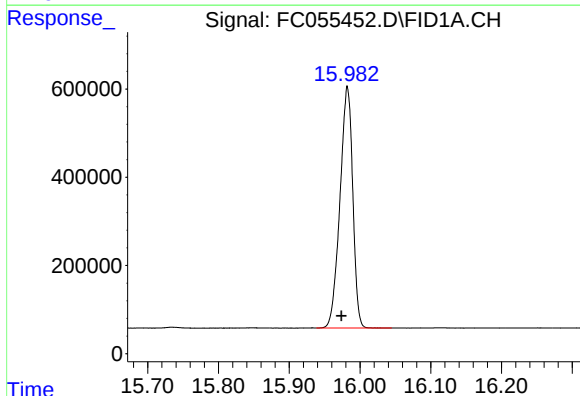
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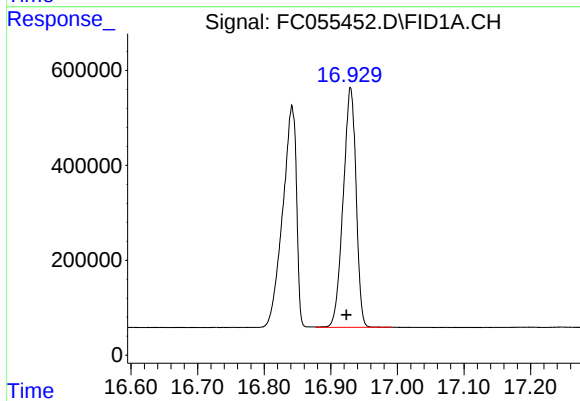
#14 n-Tetracosane (C24)

R.T.: 14.955 min
Delta R.T.: 0.002 min
Response: 3951725
Conc: 33.93 ug/ml m



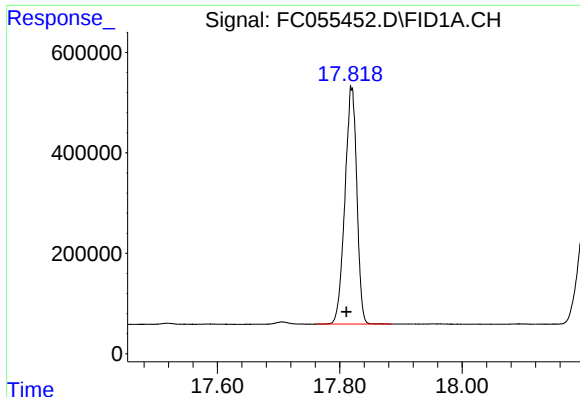
#15 n-Hexacosane (C26)

R.T.: 15.982 min
Delta R.T.: 0.008 min
Response: 6866047
Conc: 60.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.930 min
Delta R.T.: 0.006 min
Response: 6798475
Conc: 61.44 ug/ml



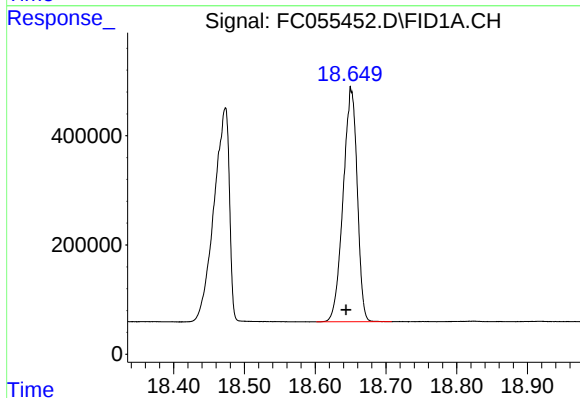
#17 n-Tricontane (C30)

R.T.: 17.819 min
Delta R.T.: 0.009 min
Response: 6379092
Conc: 59.99 ug/ml

Instrument :
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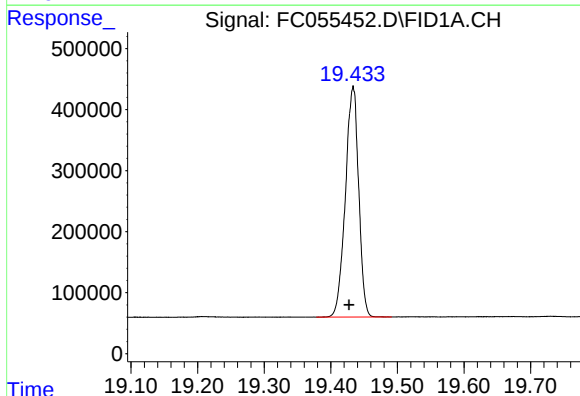
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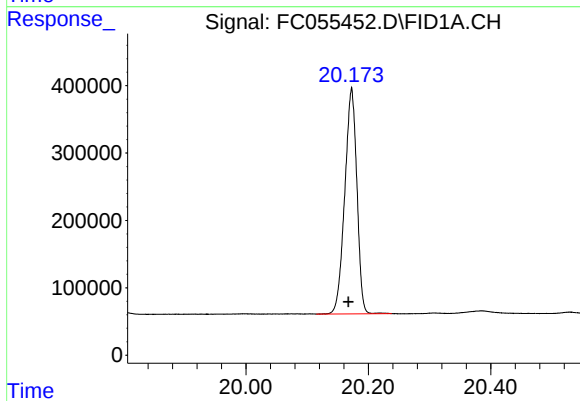
#18 n-Dotriacontane (C32)

R.T.: 18.651 min
Delta R.T.: 0.007 min
Response: 5914603
Conc: 59.02 ug/ml



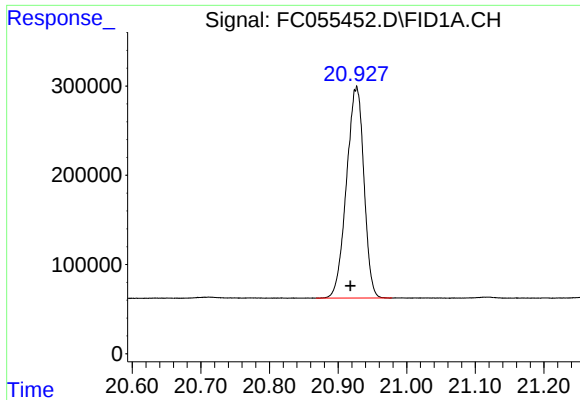
#19 n-Tetratriacontane (C34)

R.T.: 19.433 min
Delta R.T.: 0.006 min
Response: 5233468
Conc: 55.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.172 min
Delta R.T.: 0.005 min
Response: 4600615
Conc: 52.99 ug/ml



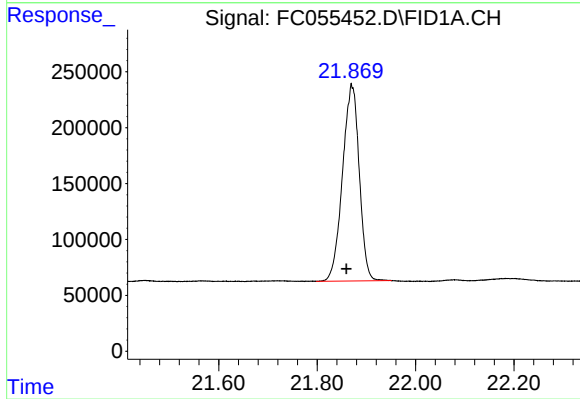
#21 n-Octatriacontane (C38)

R.T.: 20.927 min
Delta R.T.: 0.009 min
Response: 4171650
Conc: 51.18 ug/ml

Instrument :
FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.871 min
Delta R.T.: 0.011 min
Response: 4144182
Conc: 51.60 ug/ml