

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081321AL\
 Data File : FC055172.D
 Signal(s) : FID1A.CH
 Acq On : 13 Aug 2021 12:07
 Operator : AJ\MA
 Sample : M3353-08MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 6MSD

Manual Integrations
 APPROVED

mohammad
 8/17/2021 11:44:47 AM

Integration File: autoint1.e
 Quant Time: Aug 13 23:29:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 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)	11.308	4600584	36.542 ug/ml
Spiked Amount 50.000		Recovery =	73.08%
12) S 1-chlorooctadecane (S...	12.747	3587490	36.198 ug/ml
Spiked Amount 50.000		Recovery =	72.40%
Target Compounds			
1) T n-Nonane (C9)	3.145	3282440	31.391 ug/ml
2) T n-Decane (C10)	4.194	3778811	35.884 ug/ml
3) T A~Naphthalene (C11.7)	5.756	4031913	37.106 ug/ml
4) T n-Dodecane (C12)	6.193	4428617	40.783 ug/ml
5) T A~2-methylnaphthalene...	6.806	4508416	41.309 ug/ml
6) T n-Tetradecane (C14)	7.979	4968722	44.508 ug/ml
7) T n-Hexadecane (C16)	9.569	5270150	46.208 ug/ml
8) T n-Octadecane (C18)	11.005	5523564	46.841 ug/ml
10) T n-Eicosane (C20)	12.308	5272650	44.910 ug/ml
11) T n-Heneicosane (C21)	12.918	5200885	44.047 ug/ml
13) T n-Docosane (C22)	13.501	5080510	43.499 ug/ml
14) T n-Tetracosane (C24)	14.596	4634930	40.043 ug/mlm
15) T n-Hexacosane (C26)	15.617	4679549	41.755 ug/ml
16) T n-Octacosane (C28)	16.562	4691542	43.211 ug/ml
17) T n-Tricontane (C30)	17.448	4356274	41.723 ug/ml
18) T n-Dotriacontane (C32)	18.276	4209861	42.509 ug/ml
19) T n-Tetratriacontane (C34)	19.057	3925131	41.414 ug/ml
20) T n-Hexatriacontane (C36)	19.794	3653316	40.428 ug/ml
21) T n-Octatriacontane (C38)	20.495	3495519	40.456 ug/ml
22) T n-Tetracontane (C40)	21.299	3558271	39.956 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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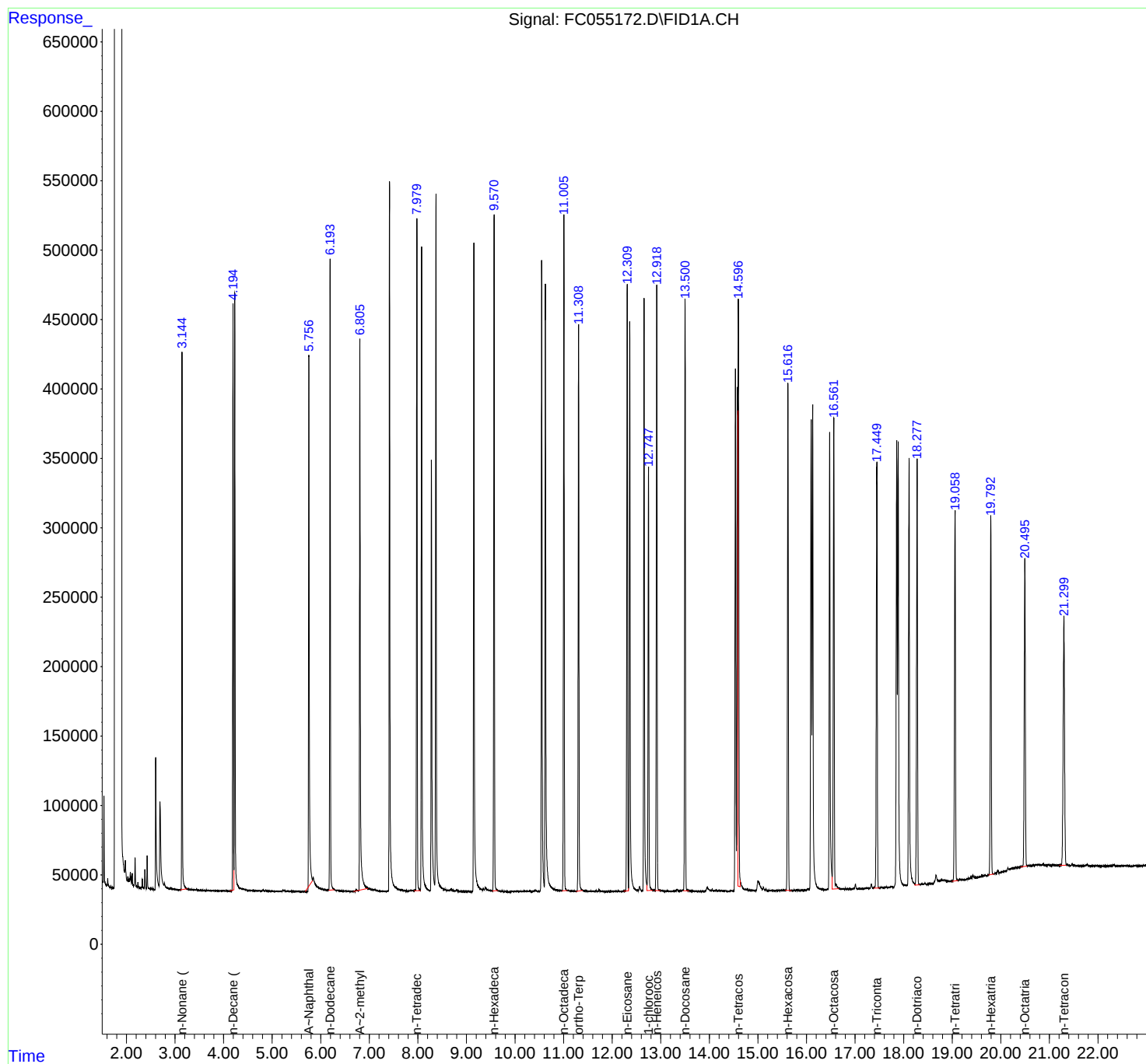
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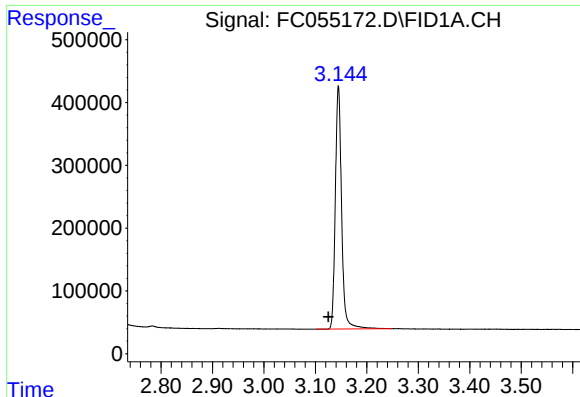
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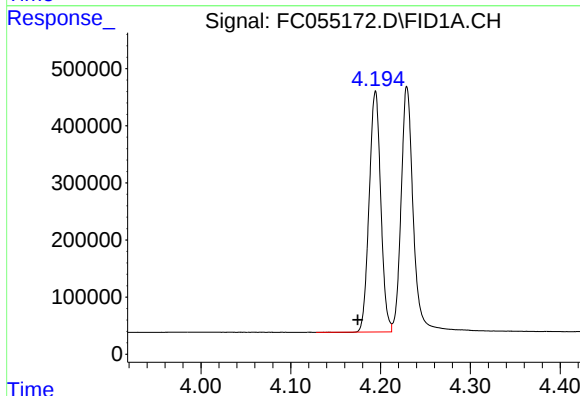
#1 n-Nonane (C9)

R.T.: 3.145 min
Delta R.T.: 0.020 min
Response: 3282440
Conc: 31.39 ug/ml

Instrument :
FID_C
ClientSampleId :
6MSD

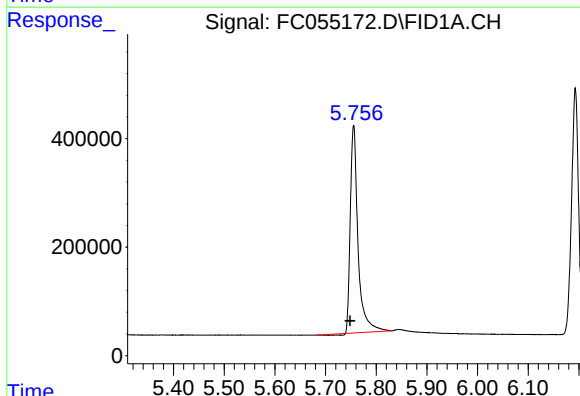
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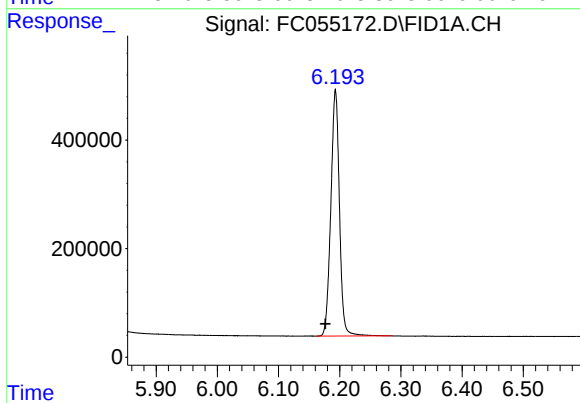
#2 n-Decane (C10)

R.T.: 4.194 min
Delta R.T.: 0.020 min
Response: 3778811
Conc: 35.88 ug/ml



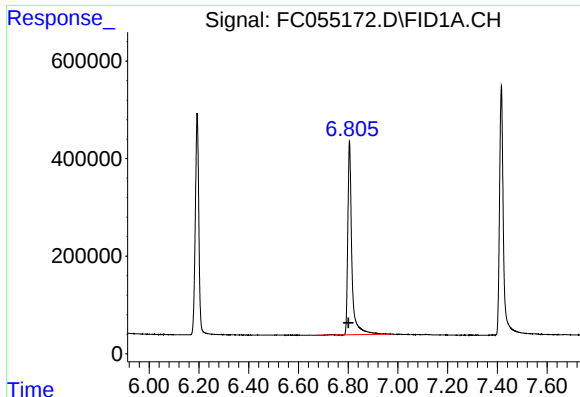
#3 A~Naphthalene (C11.7)

R.T.: 5.756 min
Delta R.T.: 0.007 min
Response: 4031913
Conc: 37.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.193 min
Delta R.T.: 0.016 min
Response: 4428617
Conc: 40.78 ug/ml



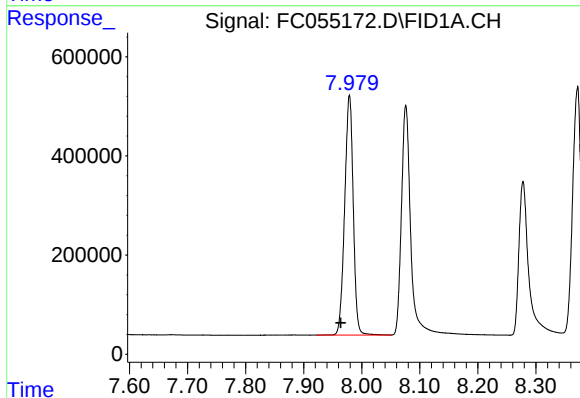
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.806 min
Delta R.T.: 0.005 min
Response: 4508416
Conc: 41.31 ug/ml

Instrument :
FID_C
ClientSampleId :
6MSD

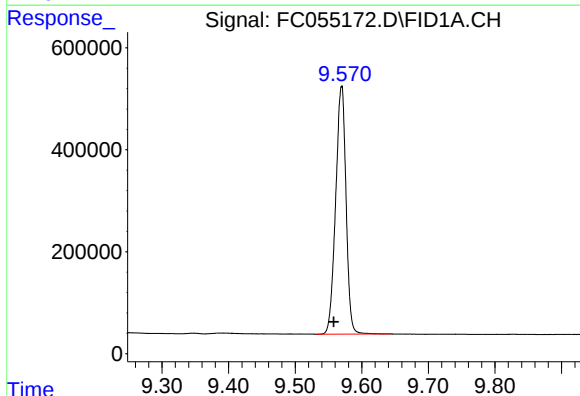
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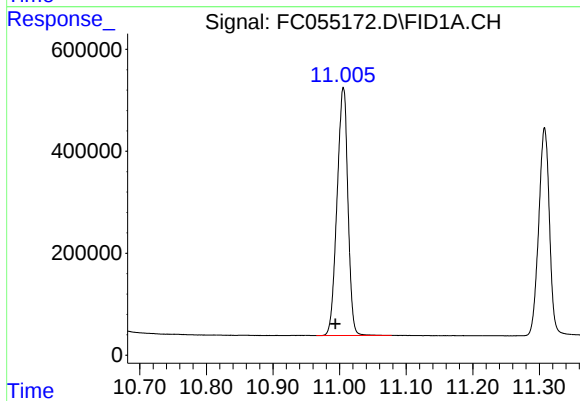
#6 n-Tetradecane (C14)

R.T.: 7.979 min
Delta R.T.: 0.015 min
Response: 4968722
Conc: 44.51 ug/ml



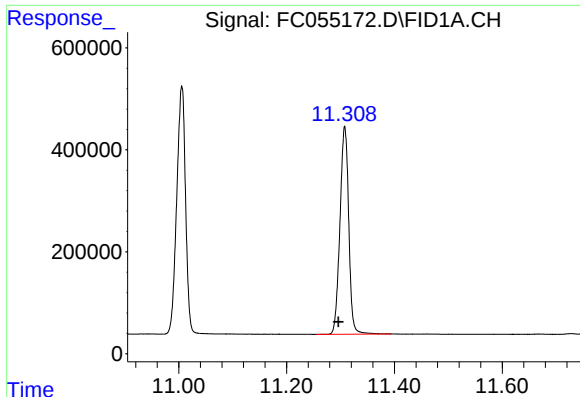
#7 n-Hexadecane (C16)

R.T.: 9.569 min
Delta R.T.: 0.011 min
Response: 5270150
Conc: 46.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.005 min
Delta R.T.: 0.012 min
Response: 5523564
Conc: 46.84 ug/ml



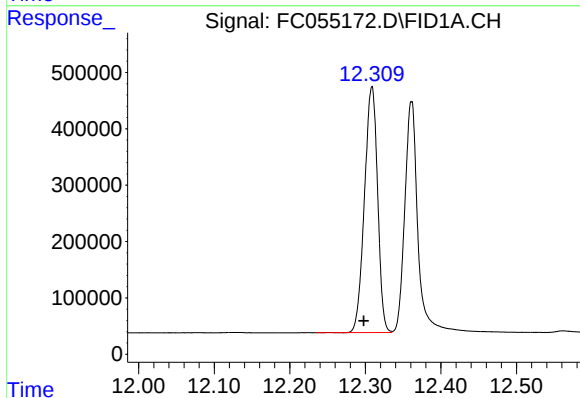
#9 ortho-Terphenyl (SURR)

R.T.: 11.308 min
Delta R.T.: 0.011 min
Response: 4600584
Conc: 36.54 ug/ml

Instrument :
FID_C
ClientSampleId :
6MSD

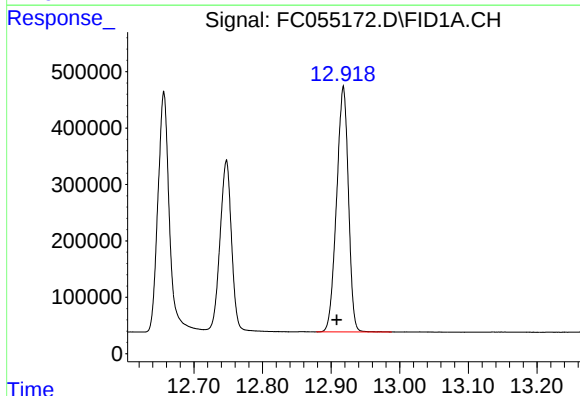
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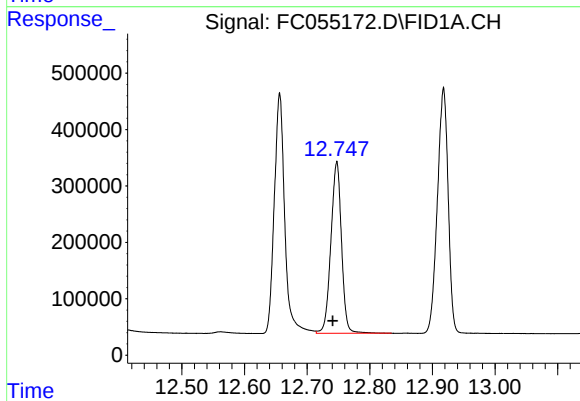
#10 n-Eicosane (C20)

R.T.: 12.308 min
Delta R.T.: 0.011 min
Response: 5272650
Conc: 44.91 ug/ml



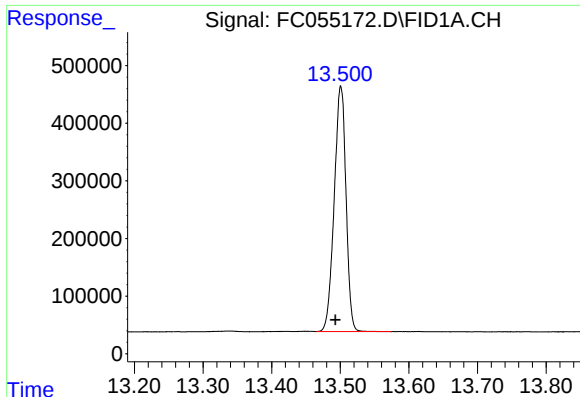
#11 n-Heneicosane (C21)

R.T.: 12.918 min
Delta R.T.: 0.010 min
Response: 5200885
Conc: 44.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.747 min
Delta R.T.: 0.006 min
Response: 3587490
Conc: 36.20 ug/ml



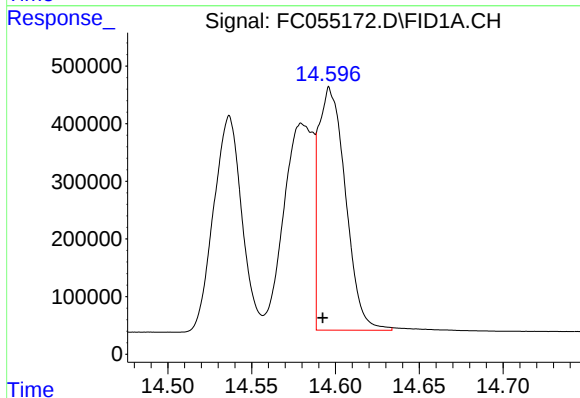
#13 n-Docosane (C22)

R.T.: 13.501 min
Delta R.T.: 0.008 min
Response: 5080510
Conc: 43.50 ug/ml

Instrument :
FID_C
ClientSampleId :
6MSD

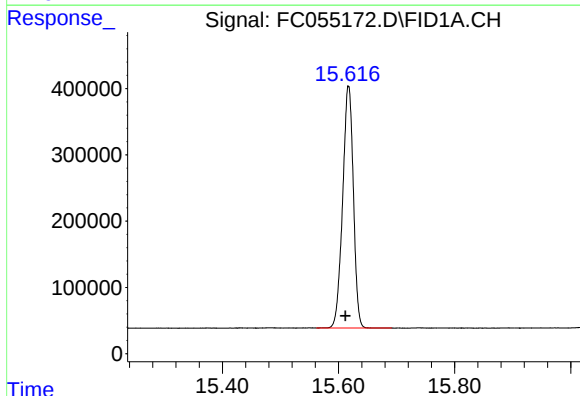
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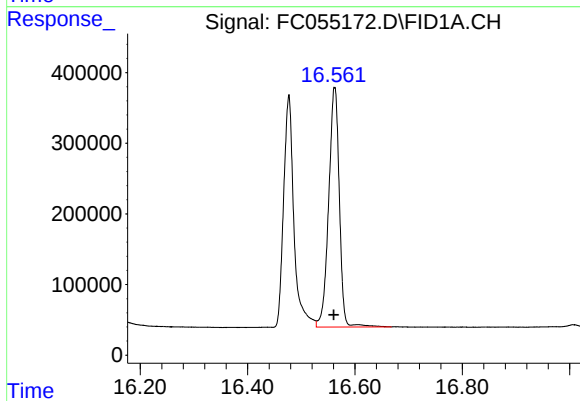
#14 n-Tetracosane (C24)

R.T.: 14.596 min
Delta R.T.: 0.003 min
Response: 4634930
Conc: 40.04 ug/ml m



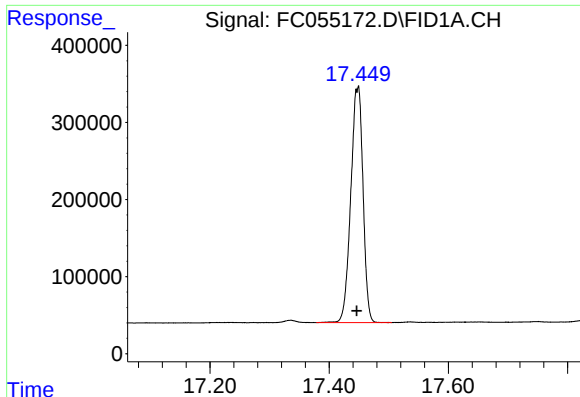
#15 n-Hexacosane (C26)

R.T.: 15.617 min
Delta R.T.: 0.006 min
Response: 4679549
Conc: 41.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.562 min
Delta R.T.: 0.001 min
Response: 4691542
Conc: 43.21 ug/ml



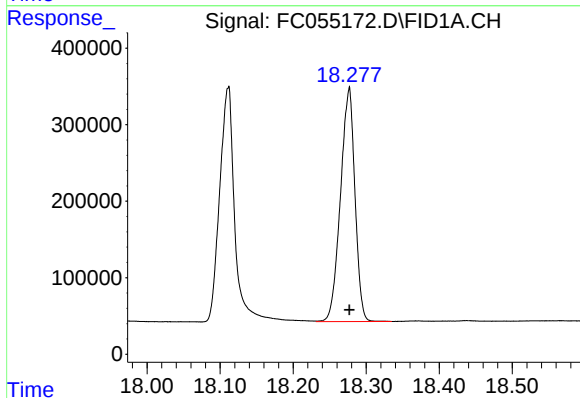
#17 n-Tricontane (C30)

R.T.: 17.448 min
Delta R.T.: 0.001 min
Response: 4356274
Conc: 41.72 ug/ml

Instrument :
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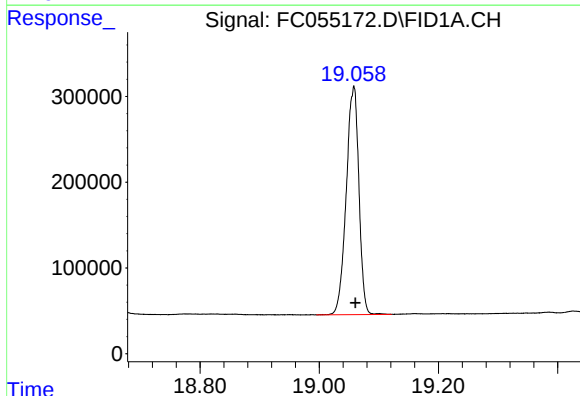
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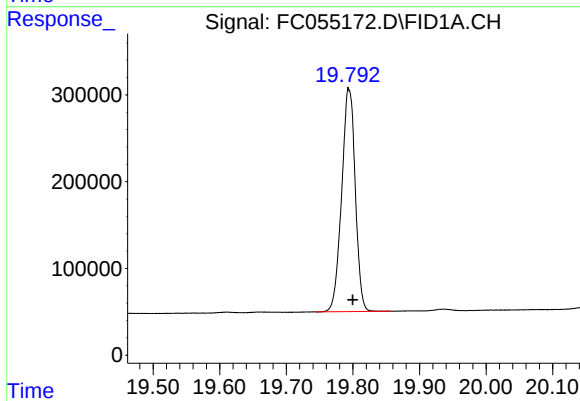
#18 n-Dotriacontane (C32)

R.T.: 18.276 min
Delta R.T.: -0.001 min
Response: 4209861
Conc: 42.51 ug/ml



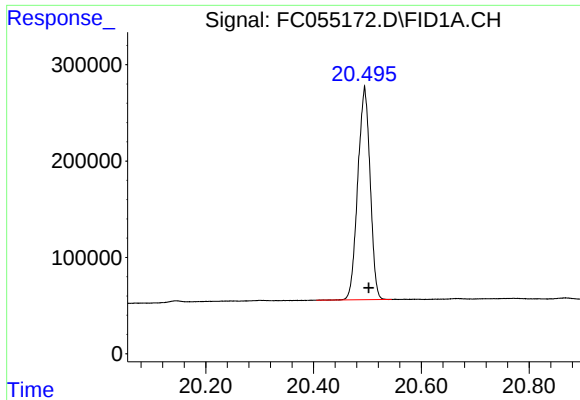
#19 n-Tetratriacontane (C34)

R.T.: 19.057 min
Delta R.T.: -0.003 min
Response: 3925131
Conc: 41.41 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.794 min
Delta R.T.: -0.005 min
Response: 3653316
Conc: 40.43 ug/ml



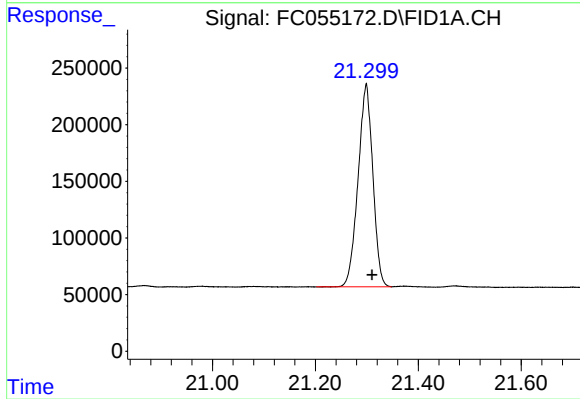
#21 n-Octatriacontane (C38)

R.T.: 20.495 min
Delta R.T.: -0.008 min
Response: 3495519
Conc: 40.46 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.299 min
Delta R.T.: -0.012 min
Response: 3558271
Conc: 39.96 ug/ml