

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041521AL\
 Data File : FC053195.D
 Signal(s) : FID1A.CH
 Acq On : 15 Apr 2021 20:29
 Operator : DD\AJ
 Sample : M2047-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 130-SB2W-(9.5-10)MSD

Manual Integrations
 APPROVED

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 4/16/2021 11:10:28 AM

Integration File: autoint1.e
 Quant Time: Apr 16 01:22:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 040821.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 09 09:23:51 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)	11.557	6619067	45.816 ug/ml
Spiked Amount 50.000		Recovery =	91.63%
12) S 1-chlorooctadecane (S...	12.996	5216523	45.148 ug/ml
Spiked Amount 50.000		Recovery =	90.30%
Target Compounds			
1) T n-Nonane (C9)	3.332	6760574	54.015 ug/ml
2) T n-Decane (C10)	4.387	7155993	56.842 ug/ml
3) T A~Naphthalene (C11.7)	5.963	7906952	56.762 ug/ml
4) T n-Dodecane (C12)	6.397	7439752	58.090 ug/ml
5) T A~2-methylnaphthalene...	7.021	7690222	54.403 ug/ml
6) T n-Tetradecane (C14)	8.197	7461140	57.988 ug/ml
7) T n-Hexadecane (C16)	9.797	7448945	58.260 ug/ml
8) T n-Octadecane (C18)	11.243	7470095	55.236 ug/ml
10) T n-Eicosane (C20)	12.553	7078882	51.537 ug/ml
11) T n-Heneicosane (C21)	13.165	6920261	50.365 ug/ml
13) T n-Docosane (C22)	13.751	6773462	49.140 ug/ml
14) T n-Tetracosane (C24)	14.841	8254965	59.871 ug/mlm
15) T n-Hexacosane (C26)	15.878	6004840	44.282 ug/ml
16) T n-Octacosane (C28)	16.828	5845415	43.854 ug/ml
17) T n-Tricontane (C30)	17.716	5476815	42.675 ug/ml
18) T n-Dotriacontane (C32)	18.548	5323464	44.559 ug/ml
19) T n-Tetratriacontane (C34)	19.331	5351089	48.316 ug/ml
20) T n-Hexatriacontane (C36)	20.071	5375200	53.267 ug/ml
21) T n-Octatriacontane (C38)	20.805	5230288	58.707 ug/ml
22) T n-Tetracontane (C40)	21.707	5467323	68.295 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : M2047-01MSD
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ALS Vial : 12 Sample Multiplier: 1

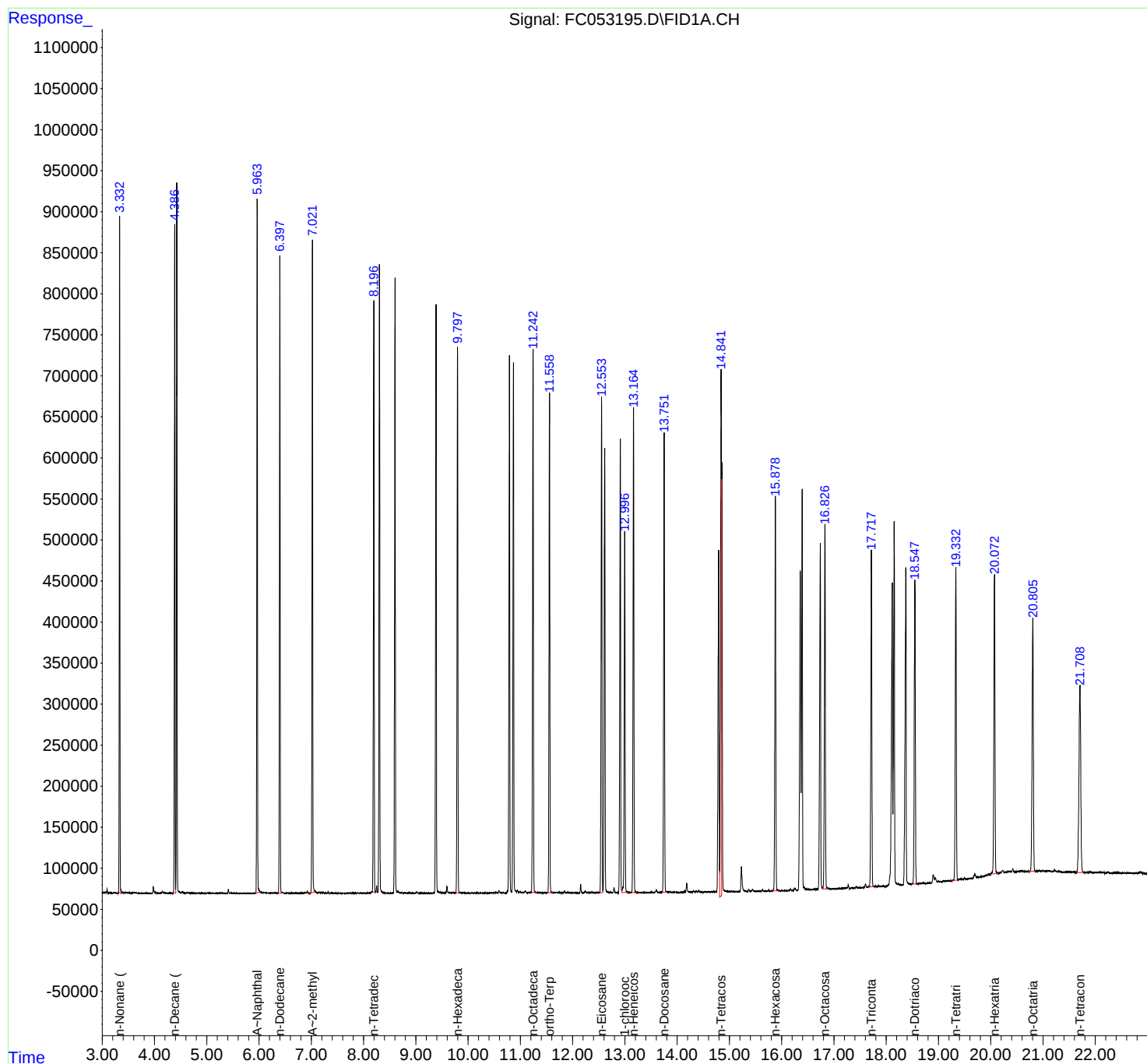
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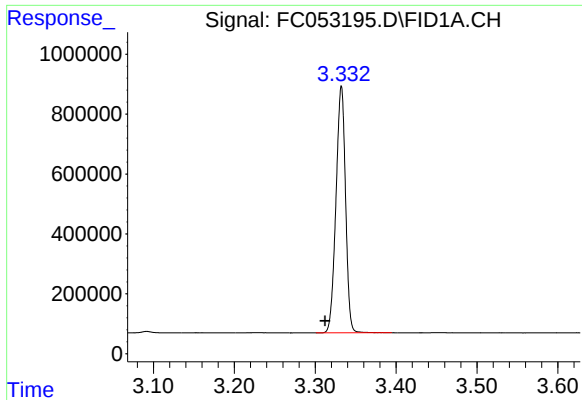
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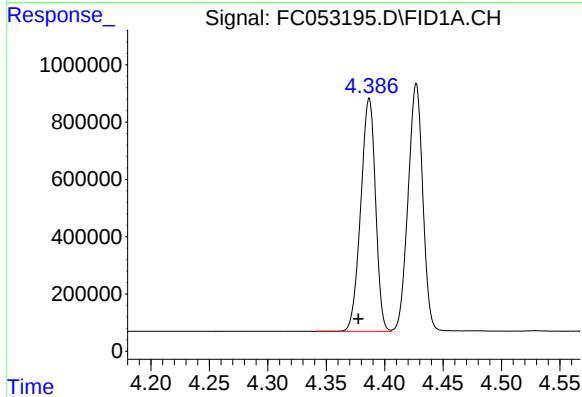
#1 n-Nonane (C9)

R.T.: 3.332 min
Delta R.T.: 0.020 min
Response: 6760574
Conc: 54.02 ug/ml

Instrument :
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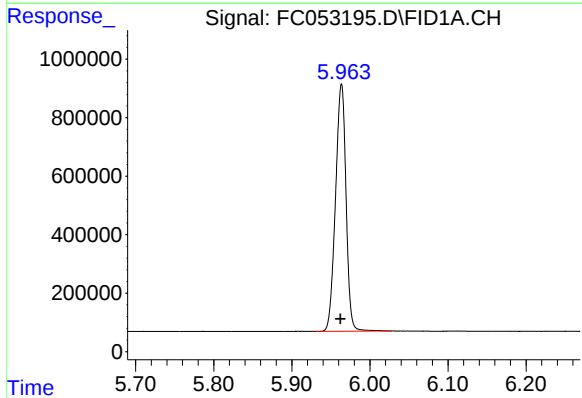
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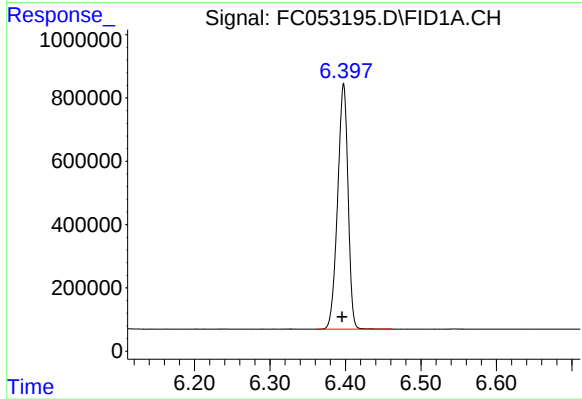
#2 n-Decane (C10)

R.T.: 4.387 min
Delta R.T.: 0.009 min
Response: 7155993
Conc: 56.84 ug/ml



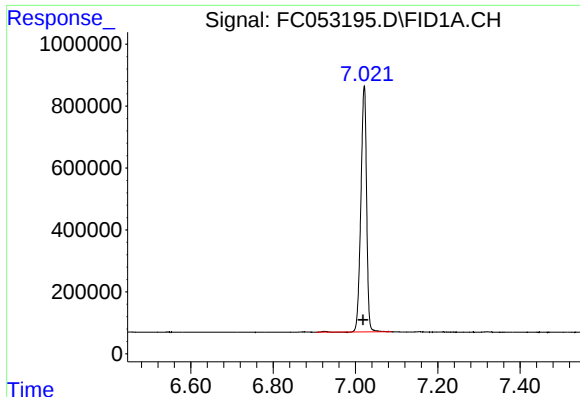
#3 A~Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: 0.001 min
Response: 7906952
Conc: 56.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.397 min
Delta R.T.: 0.002 min
Response: 7439752
Conc: 58.09 ug/ml



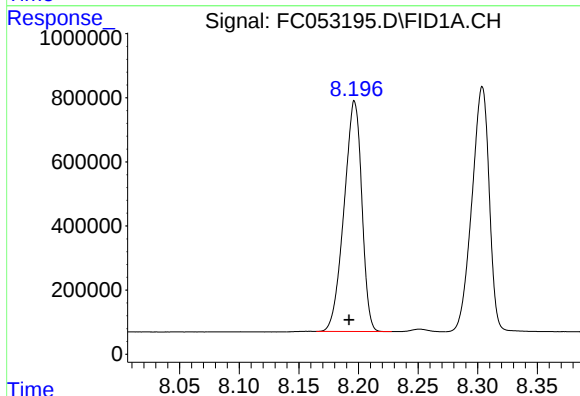
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.021 min
Delta R.T.: 0.002 min
Response: 7690222
Conc: 54.40 ug/ml

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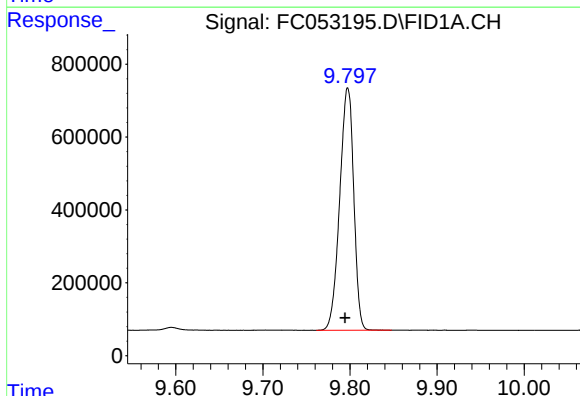
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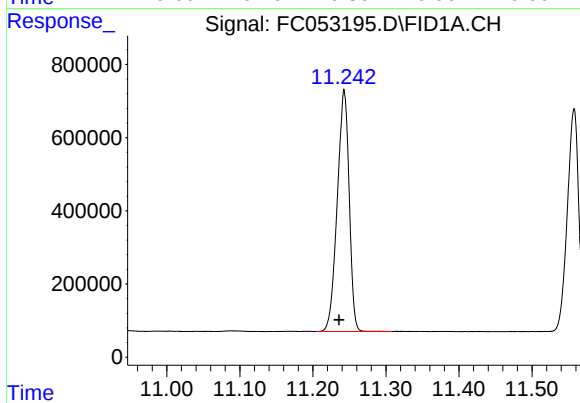
#6 n-Tetradecane (C14)

R.T.: 8.197 min
Delta R.T.: 0.004 min
Response: 7461140
Conc: 57.99 ug/ml



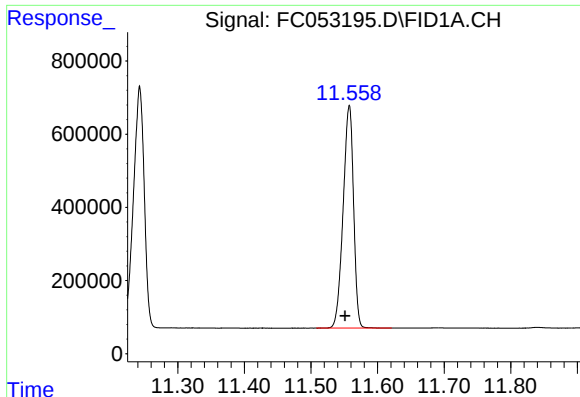
#7 n-Hexadecane (C16)

R.T.: 9.797 min
Delta R.T.: 0.003 min
Response: 7448945
Conc: 58.26 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.243 min
Delta R.T.: 0.007 min
Response: 7470095
Conc: 55.24 ug/ml



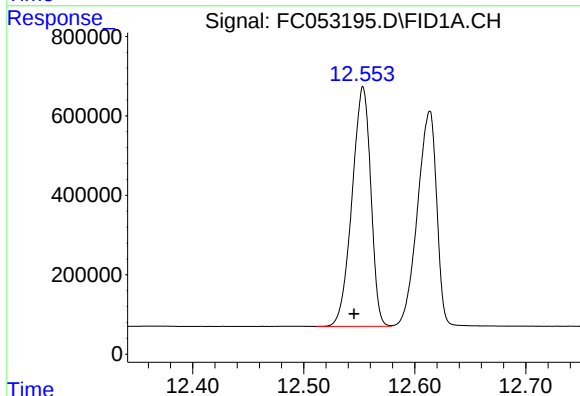
#9 ortho-Terphenyl (SURR)

R.T.: 11.557 min
Delta R.T.: 0.006 min
Response: 6619067
Conc: 45.82 ug/ml

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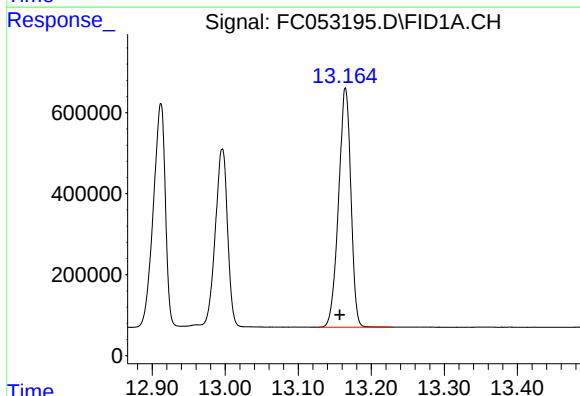
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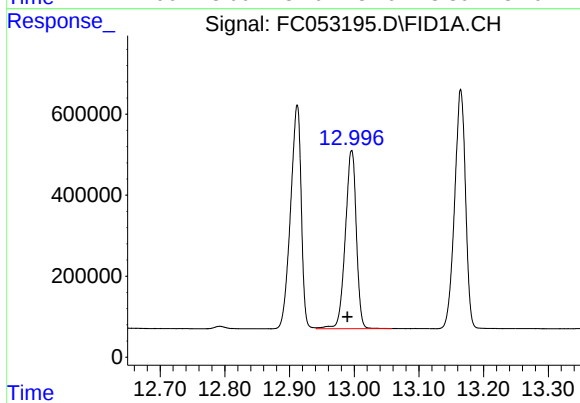
#10 n-Eicosane (C20)

R.T.: 12.553 min
Delta R.T.: 0.008 min
Response: 7078882
Conc: 51.54 ug/ml



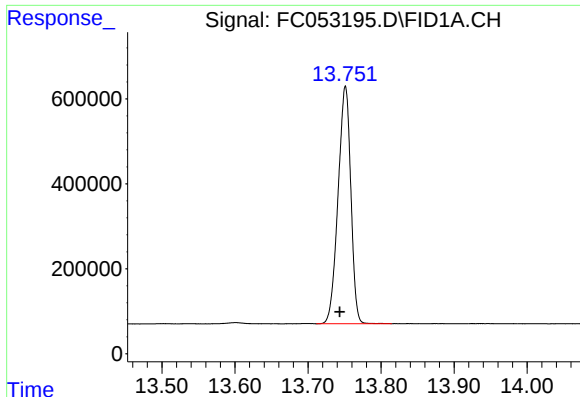
#11 n-Heneicosane (C21)

R.T.: 13.165 min
Delta R.T.: 0.008 min
Response: 6920261
Conc: 50.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.996 min
Delta R.T.: 0.006 min
Response: 5216523
Conc: 45.15 ug/ml



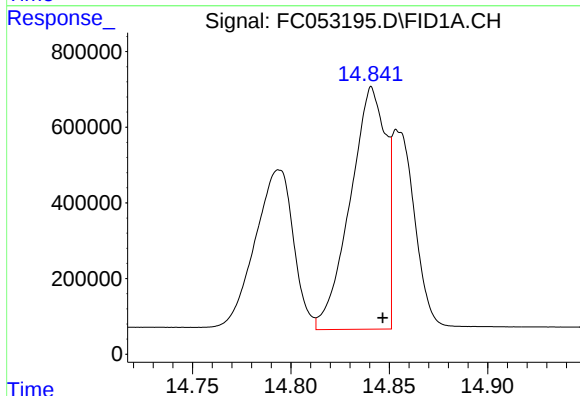
#13 n-Docosane (C22)

R.T.: 13.751 min
Delta R.T.: 0.007 min
Response: 6773462
Conc: 49.14 ug/ml

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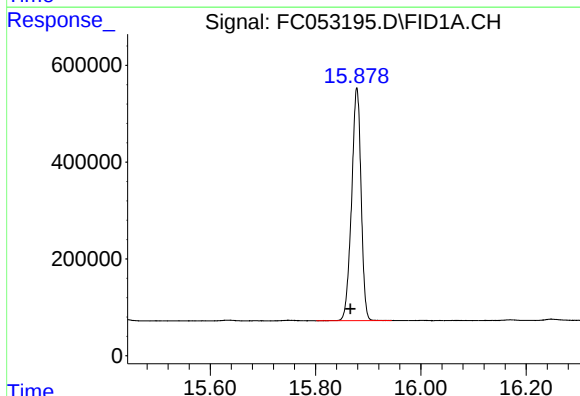
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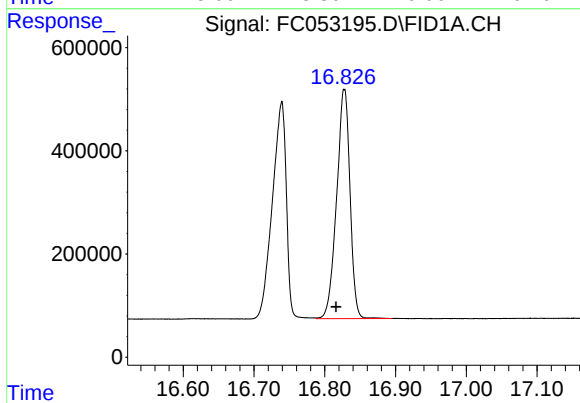
#14 n-Tetracosane (C24)

R.T.: 14.841 min
Delta R.T.: -0.006 min
Response: 8254965
Conc: 59.87 ug/ml m



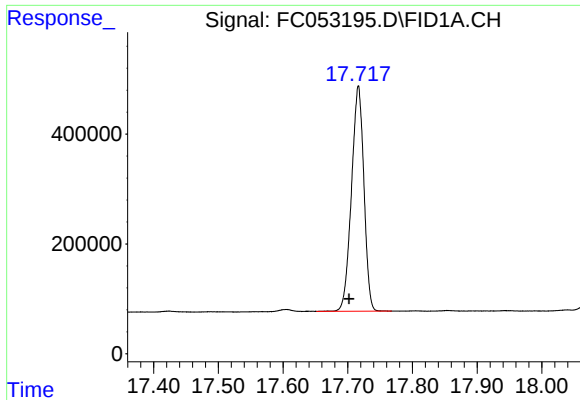
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: 0.012 min
Response: 6004840
Conc: 44.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.828 min
Delta R.T.: 0.011 min
Response: 5845415
Conc: 43.85 ug/ml



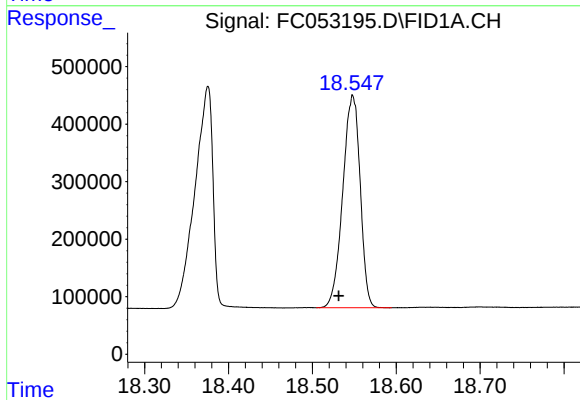
#17 n-Tricontane (C30)

R.T.: 17.716 min
Delta R.T.: 0.014 min
Response: 5476815
Conc: 42.67 ug/ml

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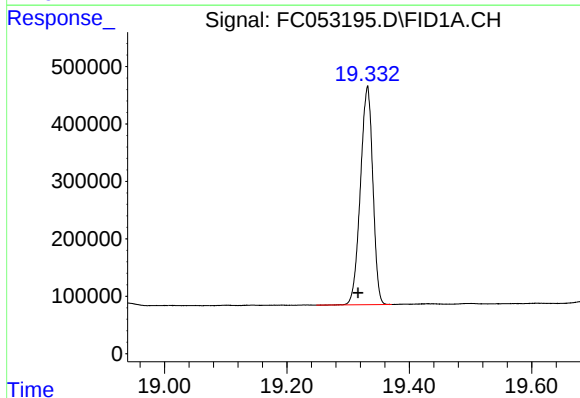
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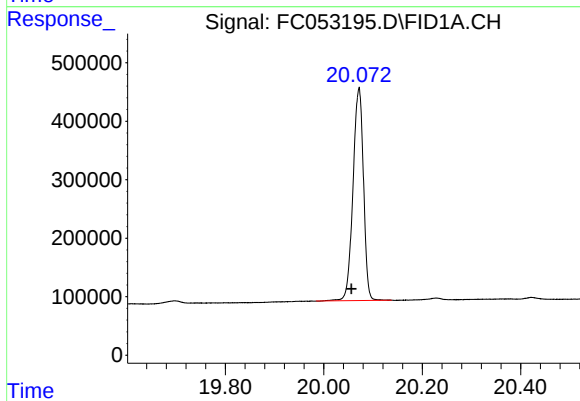
#18 n-Dotriacontane (C32)

R.T.: 18.548 min
Delta R.T.: 0.016 min
Response: 5323464
Conc: 44.56 ug/ml



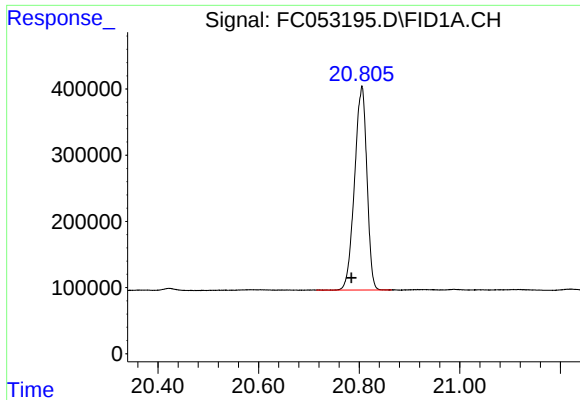
#19 n-Tetratriacontane (C34)

R.T.: 19.331 min
Delta R.T.: 0.015 min
Response: 5351089
Conc: 48.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.071 min
Delta R.T.: 0.015 min
Response: 5375200
Conc: 53.27 ug/ml



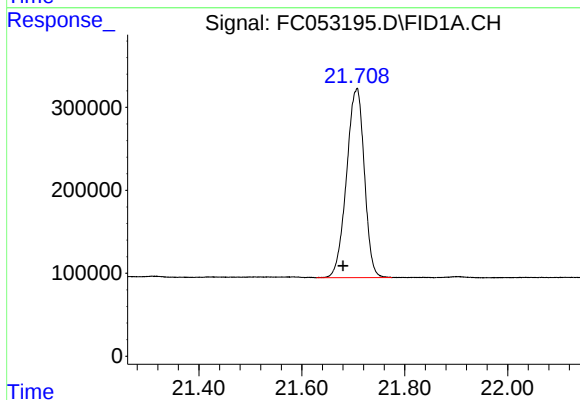
#21 n-Octatriacontane (C38)

R.T.: 20.805 min
Delta R.T.: 0.020 min
Response: 5230288
Conc: 58.71 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.707 min
Delta R.T.: 0.026 min
Response: 5467323
Conc: 68.30 ug/ml