

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090221AL\
 Data File : FC055494.D
 Signal(s) : FID1A.CH
 Acq On : 02 Sep 2021 19:08
 Operator : AJ\MA
 Sample : M3614-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 NB-8-083121-EPH-2MS

Manual Integrations
 APPROVED

mohammad
 9/7/2021 8:06:49 AM

Integration File: autoint1.e
 Quant Time: Sep 03 01:06:21 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)	11.658	5858234	46.894 ug/ml
Spiked Amount 50.000		Recovery =	93.79%
12) S 1-chlorooctadecane (S...	13.090	9713751	98.151 ug/ml
Spiked Amount 50.000		Recovery =	196.30%
Target Compounds			
1) T n-Nonane (C9)	3.405	4869843	45.052 ug/ml
2) T n-Decane (C10)	4.475	5595074	51.312 ug/ml
3) T A~Naphthalene (C11.7)	6.063	6710503	54.459 ug/ml
4) T n-Dodecane (C12)	6.494	6215310	56.763 ug/ml
5) T A~2-methylnaphthalene...	7.122	6796509	54.614 ug/ml
6) T n-Tetradecane (C14)	8.294	6900709	61.958 ug/ml
7) T n-Hexadecane (C16)	9.894	7261549	64.253 ug/ml
8) T n-Octadecane (C18)	11.338	7490458	64.336 ug/ml
10) T n-Eicosane (C20)	12.647	7106201	60.816 ug/ml
11) T n-Heneicosane (C21)	13.259	7124070	60.530 ug/ml
13) T n-Docosane (C22)	13.845	6863114	58.834 ug/ml
14) T n-Tetracosane (C24)	14.940	12603308	108.221 ug/ml
15) T n-Hexacosane (C26)	15.970	6146884	54.261 ug/ml
16) T n-Octacosane (C28)	16.916	5950344	53.774 ug/ml
17) T n-Tricontane (C30)	17.804	5573162	52.412 ug/ml
18) T n-Dotriacontane (C32)	18.635	5409973	53.981 ug/ml
19) T n-Tetratriacontane (C34)	19.420	4919008	52.120 ug/ml
20) T n-Hexatriacontane (C36)	20.158	4427501	50.993 ug/ml
21) T n-Octatriacontane (C38)	20.909	4332034	53.148 ug/ml
22) T n-Tetracontane (C40)	21.845	4774567	59.448 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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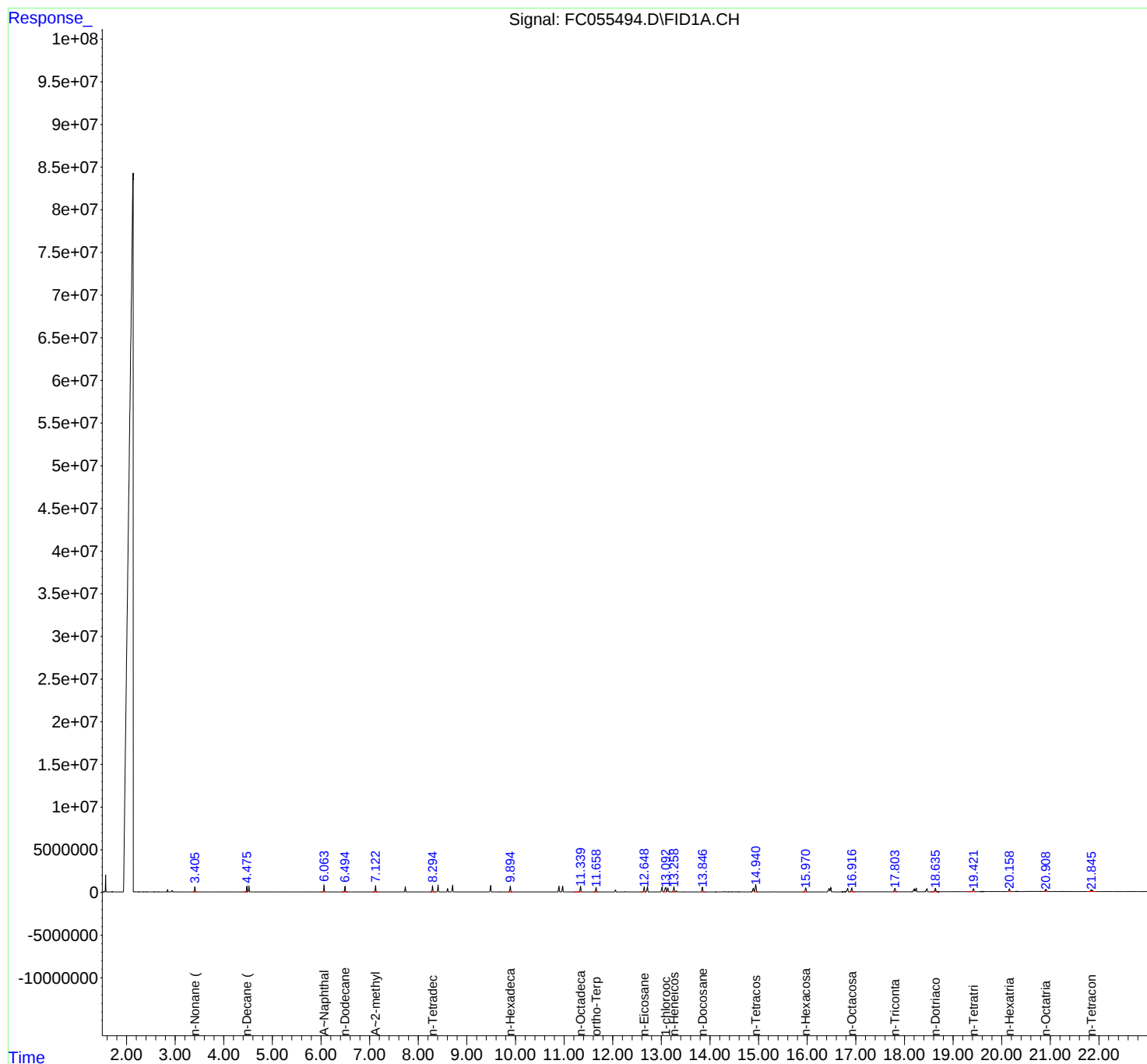
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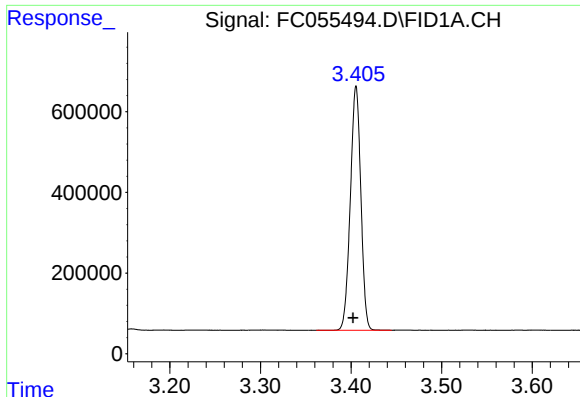
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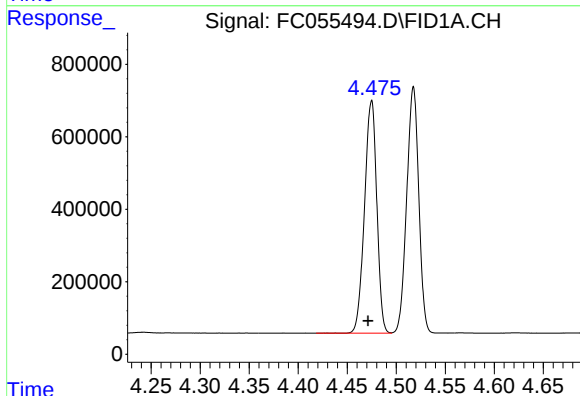
#1 n-Nonane (C9)

R.T.: 3.405 min
Delta R.T.: 0.003 min
Response: 4869843
Conc: 45.05 ug/ml

Instrument :
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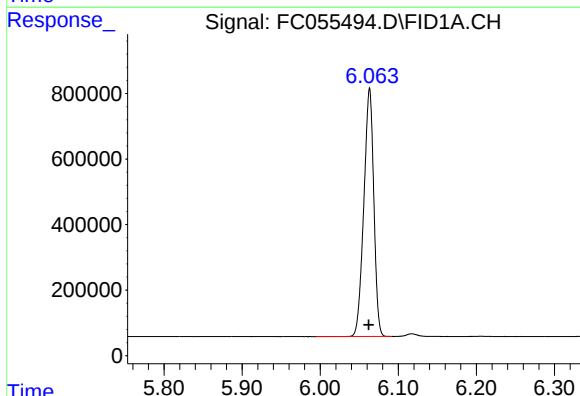
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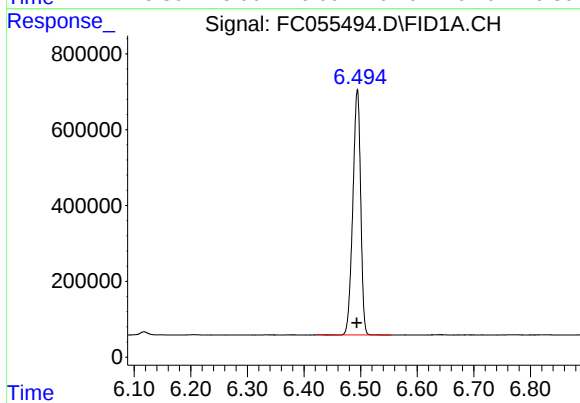
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: 0.003 min
Response: 5595074
Conc: 51.31 ug/ml



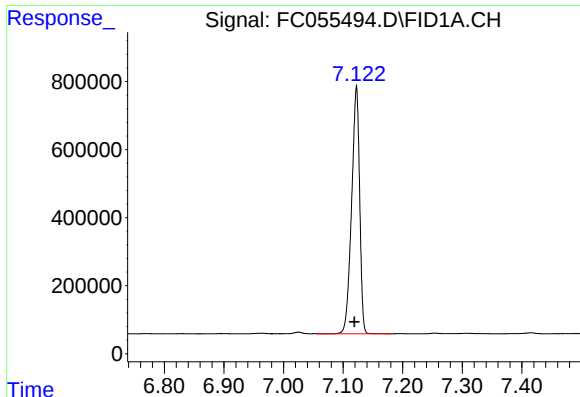
#3 A~Naphthalene (C11.7)

R.T.: 6.063 min
Delta R.T.: 0.001 min
Response: 6710503
Conc: 54.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.494 min
Delta R.T.: 0.000 min
Response: 6215310
Conc: 56.76 ug/ml



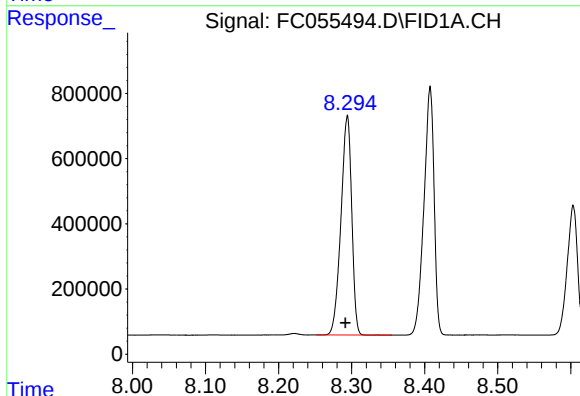
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.122 min
Delta R.T.: 0.003 min
Response: 6796509
Conc: 54.61 ug/ml

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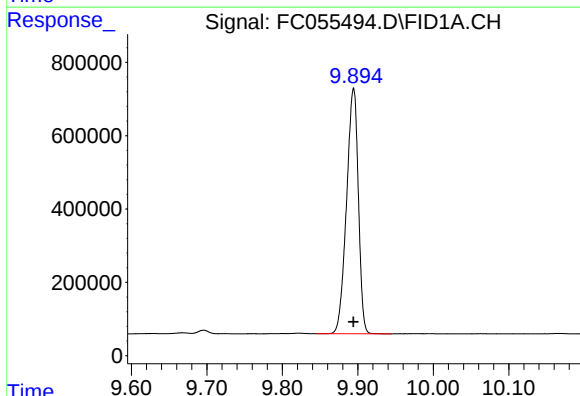
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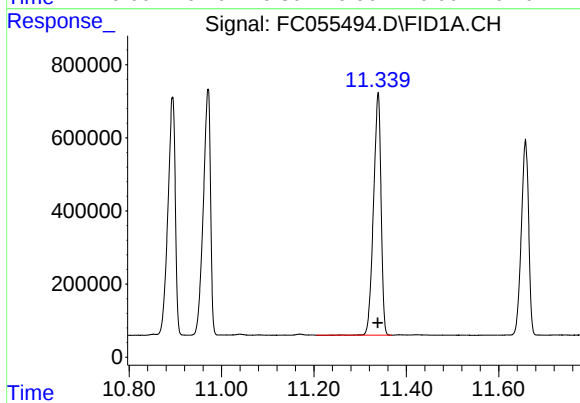
#6 n-Tetradecane (C14)

R.T.: 8.294 min
Delta R.T.: 0.003 min
Response: 6900709
Conc: 61.96 ug/ml



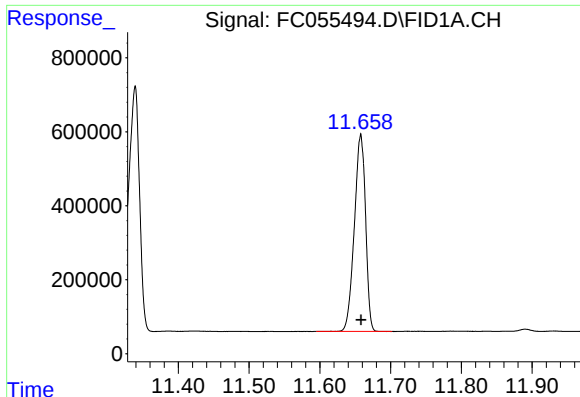
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 7261549
Conc: 64.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.338 min
Delta R.T.: 0.000 min
Response: 7490458
Conc: 64.34 ug/ml



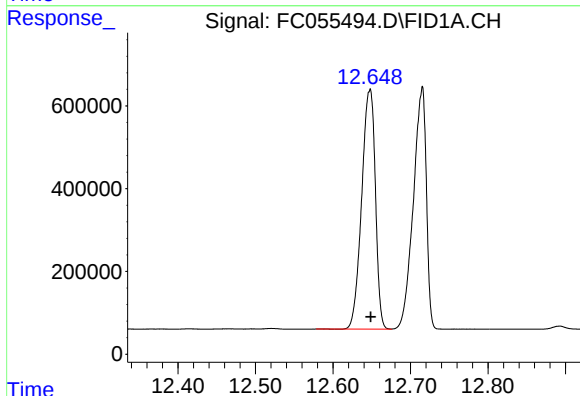
#9 ortho-Terphenyl (SURR)

R.T.: 11.658 min
Delta R.T.: 0.000 min
Response: 5858234
Conc: 46.89 ug/ml

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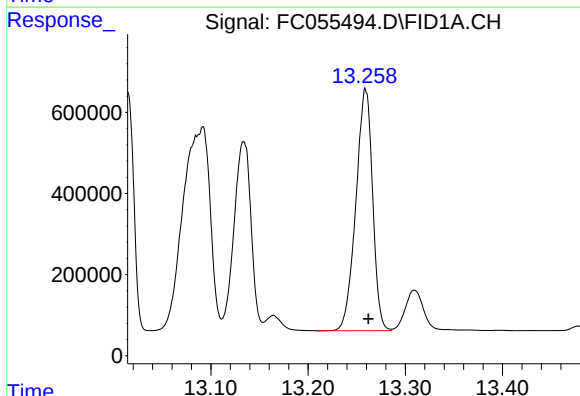
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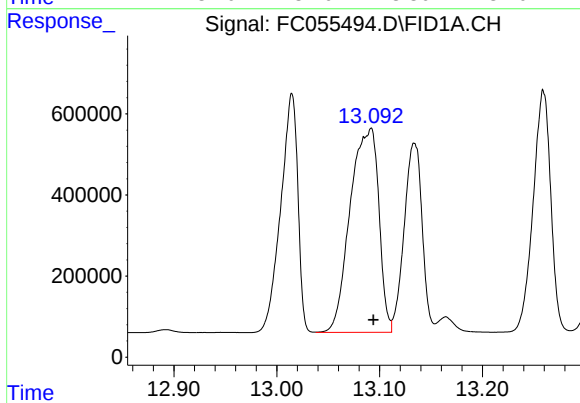
#10 n-Eicosane (C20)

R.T.: 12.647 min
Delta R.T.: -0.002 min
Response: 7106201
Conc: 60.82 ug/ml



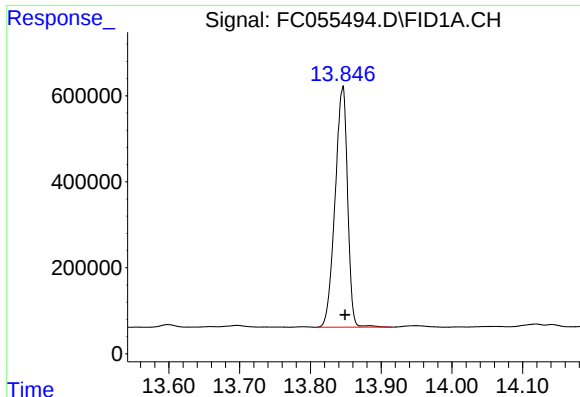
#11 n-Heneicosane (C21)

R.T.: 13.259 min
Delta R.T.: -0.003 min
Response: 7124070
Conc: 60.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.090 min
Delta R.T.: -0.004 min
Response: 9713751
Conc: 98.15 ug/ml



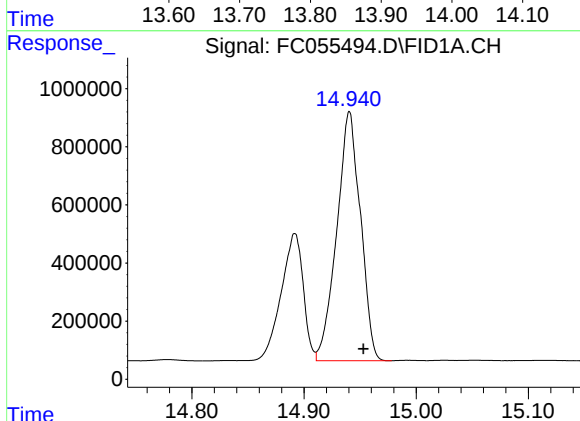
#13 n-Docosane (C22)

R.T.: 13.845 min
Delta R.T.: -0.004 min
Response: 6863114
Conc: 58.83 ug/ml

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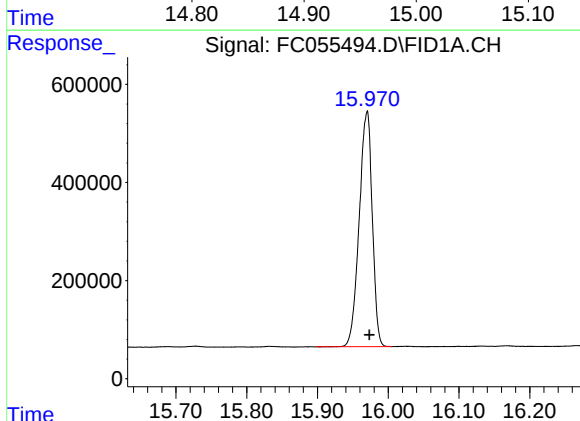
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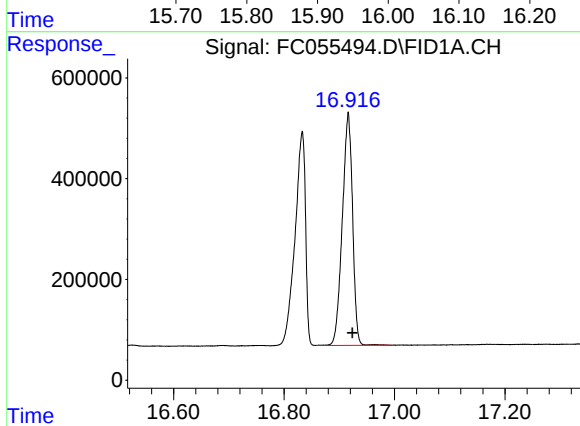
#14 n-Tetracosane (C24)

R.T.: 14.940 min
Delta R.T.: -0.012 min
Response: 12603308
Conc: 108.22 ug/ml



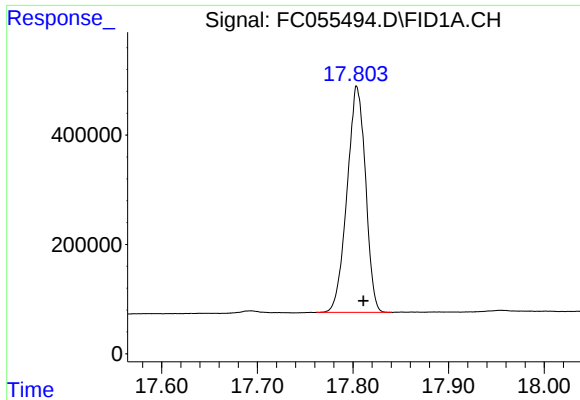
#15 n-Hexacosane (C26)

R.T.: 15.970 min
Delta R.T.: -0.004 min
Response: 6146884
Conc: 54.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.916 min
Delta R.T.: -0.007 min
Response: 5950344
Conc: 53.77 ug/ml



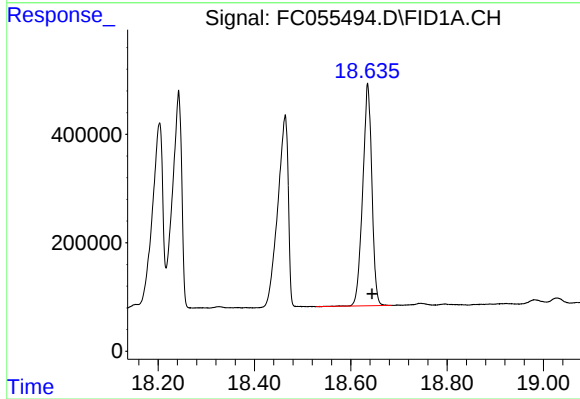
#17 n-Tricontane (C30)

R.T.: 17.804 min
Delta R.T.: -0.006 min
Response: 5573162
Conc: 52.41 ug/ml

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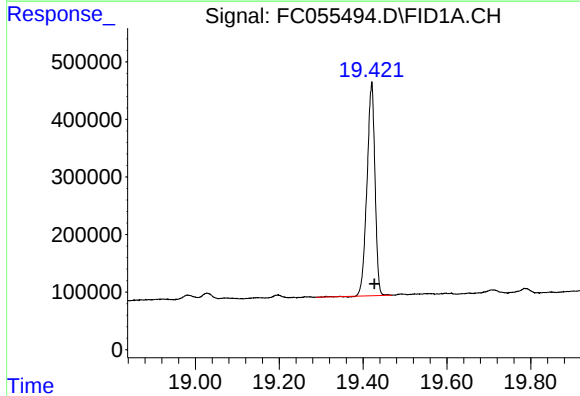
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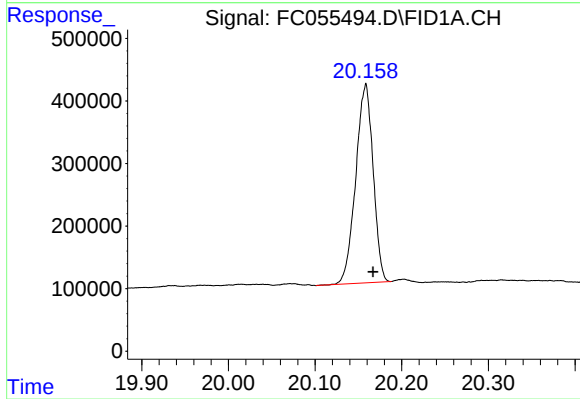
#18 n-Dotriacontane (C32)

R.T.: 18.635 min
Delta R.T.: -0.008 min
Response: 5409973
Conc: 53.98 ug/ml



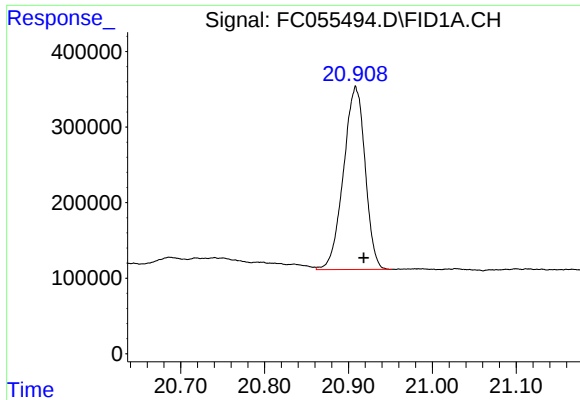
#19 n-Tetratriacontane (C34)

R.T.: 19.420 min
Delta R.T.: -0.007 min
Response: 4919008
Conc: 52.12 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.158 min
Delta R.T.: -0.009 min
Response: 4427501
Conc: 50.99 ug/ml



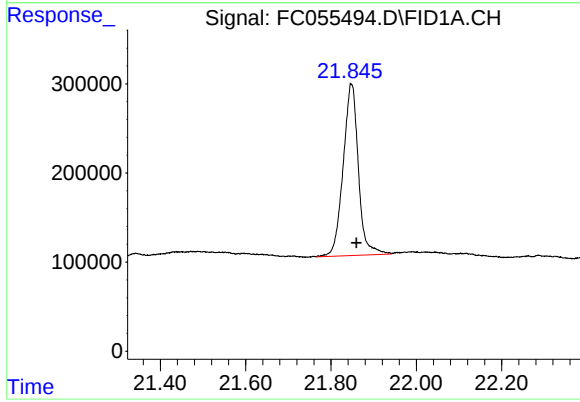
#21 n-Octatriacontane (C38)

R.T.: 20.909 min
Delta R.T.: -0.010 min
Response: 4332034
Conc: 53.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.845 min
Delta R.T.: -0.015 min
Response: 4774567
Conc: 59.45 ug/ml m