

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060920AL\
 Data File : FC047786.D
 Signal(s) : FID1A.CH
 Acq On : 09 Jun 2020 19:49
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Sohil
 6/10/2020 2:22:43 PM

Integration File: autoint1.e
 Quant Time: Jun 10 04:18:47 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 04:16:56 2020
 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)	11.730	574226	4.636 ug/ml
Spiked Amount 50.000		Recovery =	9.27%
12) S 1-chlorooctadecane (S...	13.144	461123	4.536 ug/ml
Spiked Amount 50.000		Recovery =	9.07%
Target Compounds			
1) T n-Nonane (C9)	3.545	450104	4.316 ug/ml
2) T n-Decane (C10)	4.607	445238	4.245 ug/ml
3) T A~Naphthalene (C11.7)	6.220	422165	4.045 ug/mlm
4) T n-Dodecane (C12)	6.605	481213	4.431 ug/ml
5) T A~2-methylnaphthalene...	7.271	449706	4.224 ug/mlm
6) T n-Tetradecane (C14)	8.382	474382	4.342 ug/ml
7) T n-Hexadecane (C16)	9.968	474911	4.366 ug/ml
8) T n-Octadecane (C18)	11.397	521140	4.521 ug/ml
10) T n-Eicosane (C20)	12.699	550339	4.687 ug/ml
11) T n-Heneicosane (C21)	13.303	555321	4.697 ug/ml
13) T n-Docosane (C22)	13.886	559323	4.734 ug/ml
14) T n-Tetracosane (C24)	14.982	560195	4.719 ug/ml
15) T n-Hexacosane (C26)	15.996	565959	4.802 ug/ml
16) T n-Octacosane (C28)	16.941	572624	4.887 ug/ml
17) T n-Tricontane (C30)	17.822	560726	4.971 ug/ml
18) T n-Dotriacontane (C32)	18.648	512712	5.021 ug/ml
19) T n-Tetratriacontane (C34)	19.428	469811	4.966 ug/ml
20) T n-Hexatriacontane (C36)	20.162	437423	4.936 ug/ml
21) T n-Octatriacontane (C38)	20.915	402652	4.871 ug/ml
22) T n-Tetracontane (C40)	21.857	390142	4.756 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 7 Sample Multiplier: 1

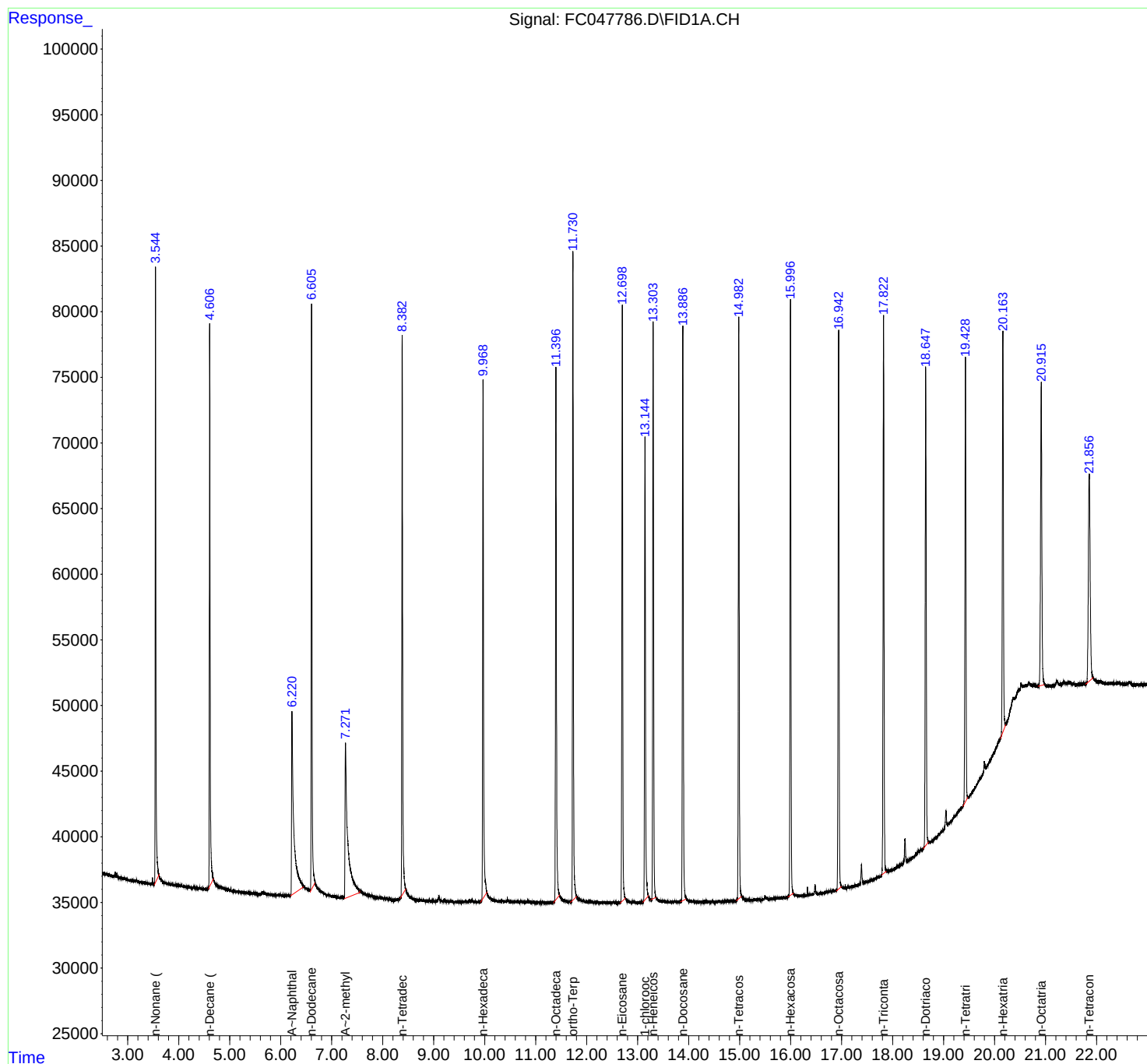
Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

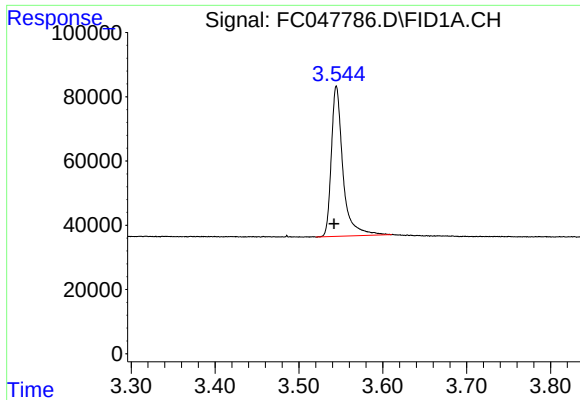
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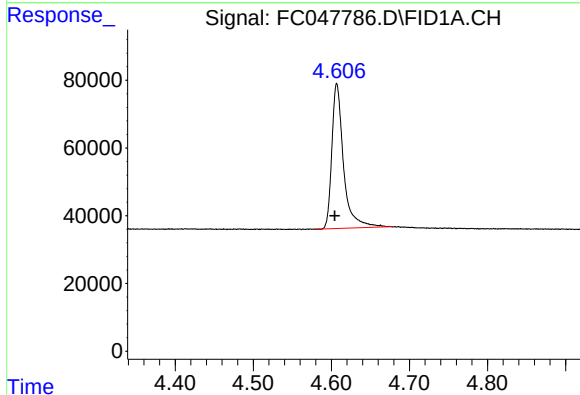
#1 n-Nonane (C9)

R.T.: 3.545 min
Delta R.T.: 0.003 min
Response: 450104
Conc: 4.32 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

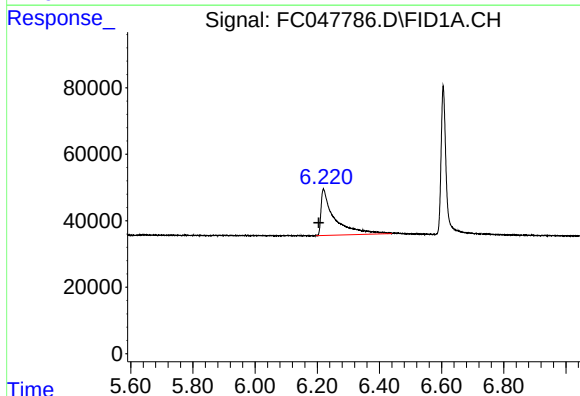
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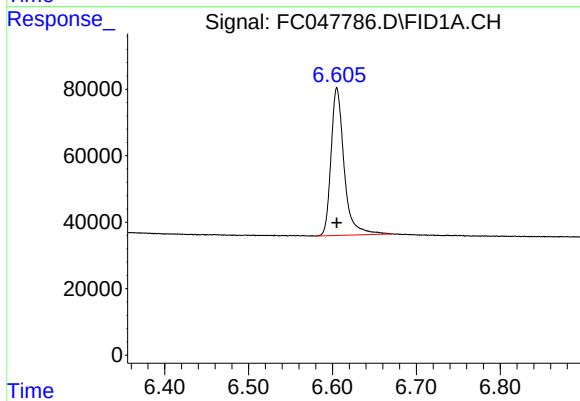
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: 0.003 min
Response: 445238
Conc: 4.24 ug/ml



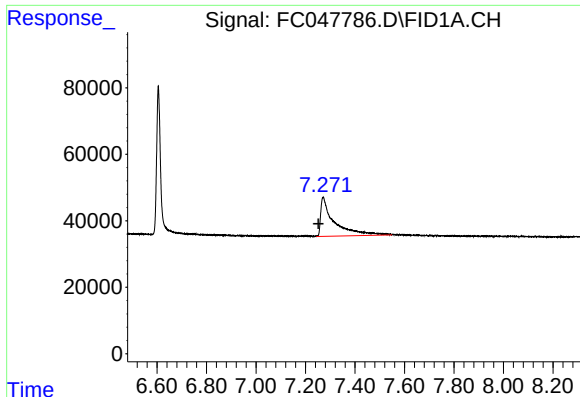
#3 A~Naphthalene (C11.7)

R.T.: 6.220 min
Delta R.T.: 0.015 min
Response: 422165
Conc: 4.05 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 481213
Conc: 4.43 ug/ml



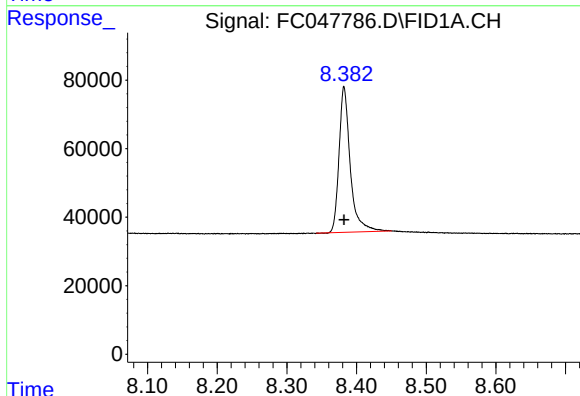
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.271 min
Delta R.T.: 0.018 min
Response: 449706
Conc: 4.22 ug/ml m

Instrument :
FID_C
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5 PPM ALIPHATIC HC STD5

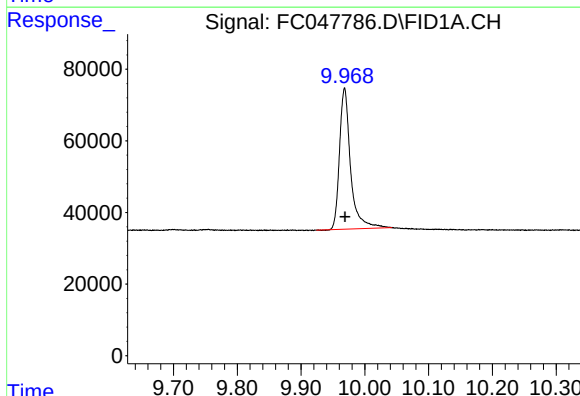
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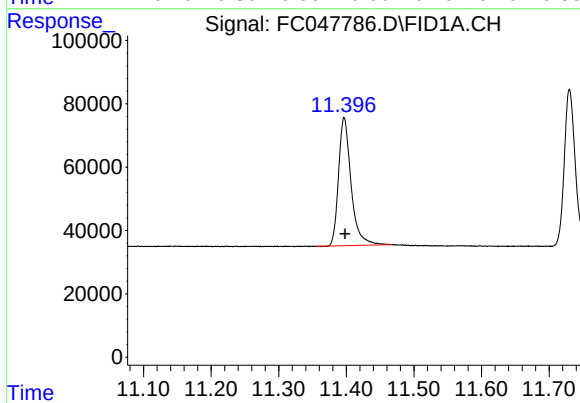
#6 n-Tetradecane (C14)

R.T.: 8.382 min
Delta R.T.: 0.000 min
Response: 474382
Conc: 4.34 ug/ml



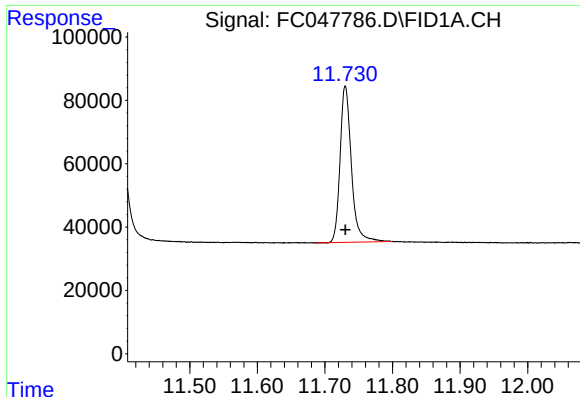
#7 n-Hexadecane (C16)

R.T.: 9.968 min
Delta R.T.: 0.000 min
Response: 474911
Conc: 4.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.397 min
Delta R.T.: -0.001 min
Response: 521140
Conc: 4.52 ug/ml



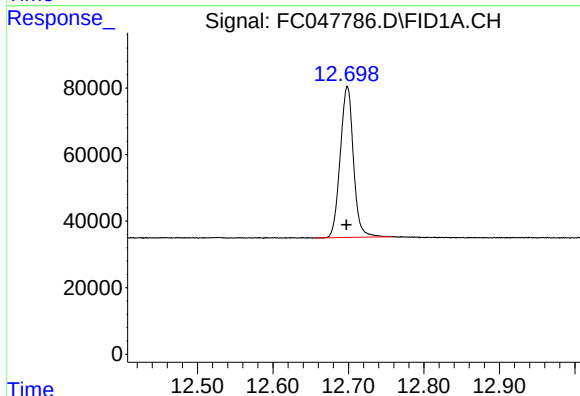
#9 ortho-Terphenyl (SURR)

R.T.: 11.730 min
Delta R.T.: 0.000 min
Response: 574226
Conc: 4.64 ug/ml

Instrument :
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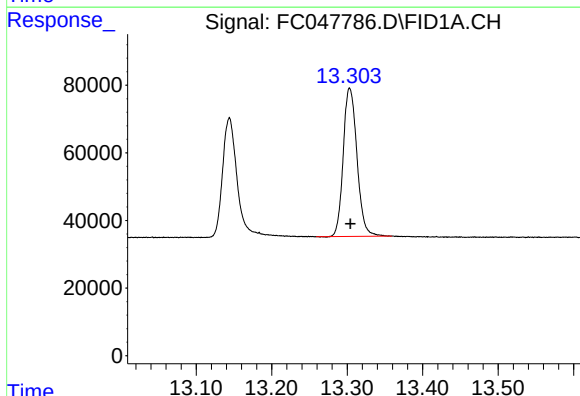
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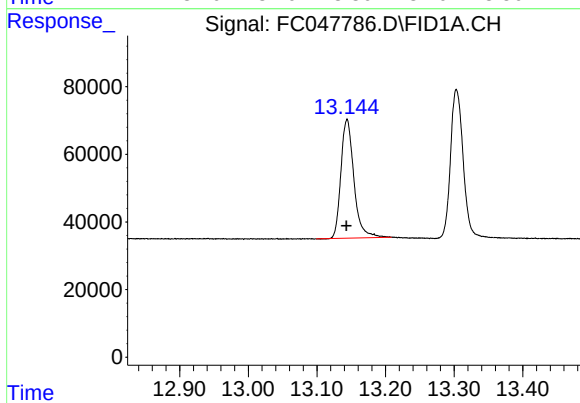
#10 n-Eicosane (C20)

R.T.: 12.699 min
Delta R.T.: 0.001 min
Response: 550339
Conc: 4.69 ug/ml



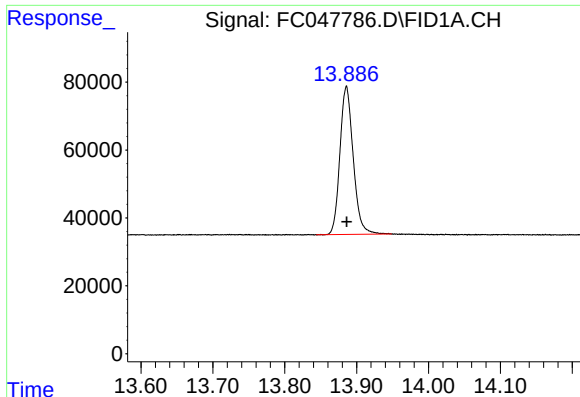
#11 n-Heneicosane (C21)

R.T.: 13.303 min
Delta R.T.: -0.001 min
Response: 555321
Conc: 4.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.144 min
Delta R.T.: 0.000 min
Response: 461123
Conc: 4.54 ug/ml



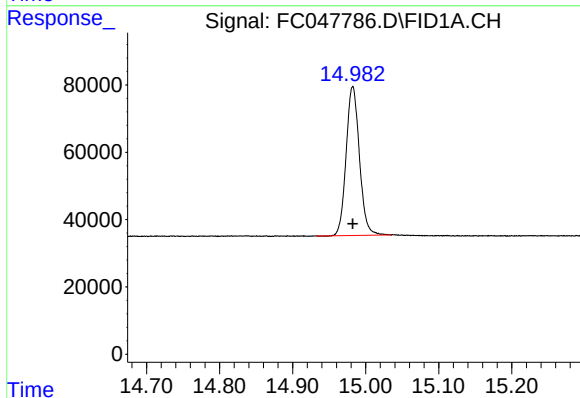
#13 n-Docosane (C22)

R.T.: 13.886 min
Delta R.T.: 0.000 min
Response: 559323
Conc: 4.73 ug/ml

Instrument :
FID_C
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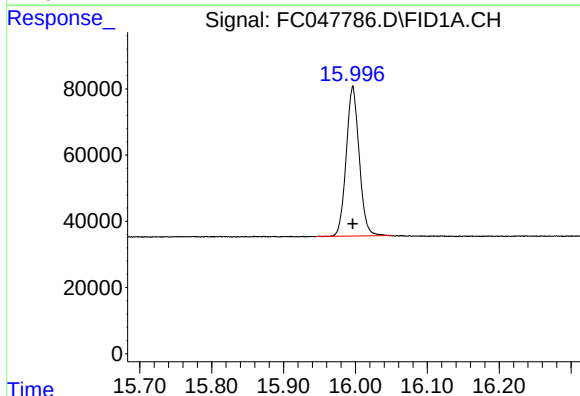
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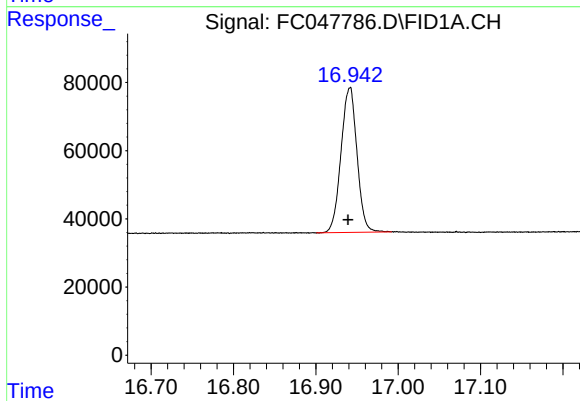
#14 n-Tetracosane (C24)

R.T.: 14.982 min
Delta R.T.: 0.000 min
Response: 560195
Conc: 4.72 ug/ml



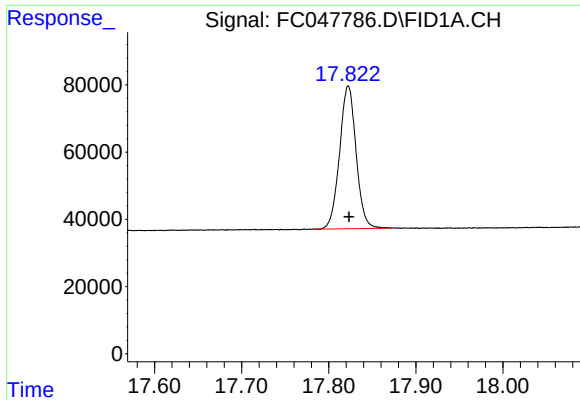
#15 n-Hexacosane (C26)

R.T.: 15.996 min
Delta R.T.: 0.000 min
Response: 565959
Conc: 4.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.941 min
Delta R.T.: 0.002 min
Response: 572624
Conc: 4.89 ug/ml



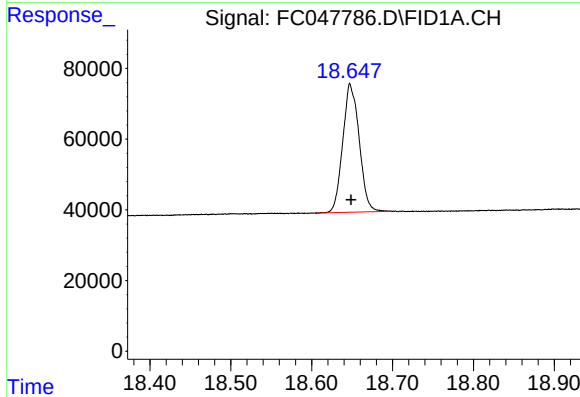
#17 n-Tricontane (C30)

R.T.: 17.822 min
Delta R.T.: 0.000 min
Response: 560726
Conc: 4.97 ug/ml

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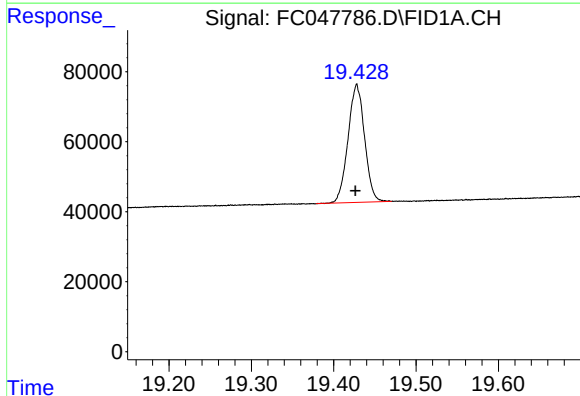
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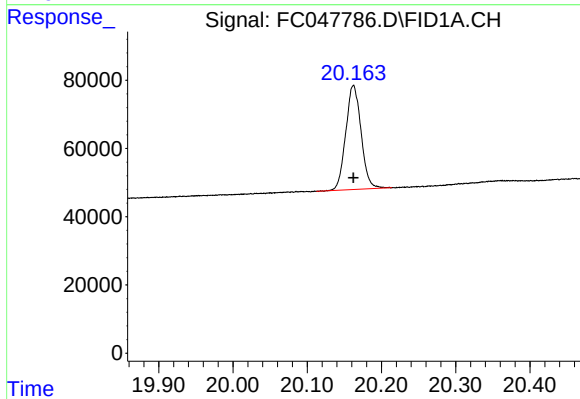
#18 n-Dotriacontane (C32)

R.T.: 18.648 min
Delta R.T.: -0.001 min
Response: 512712
Conc: 5.02 ug/ml



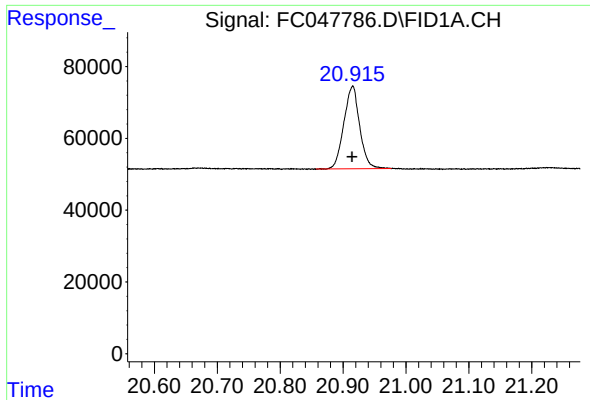
#19 n-Tetratriacontane (C34)

R.T.: 19.428 min
Delta R.T.: 0.001 min
Response: 469811
Conc: 4.97 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.162 min
Delta R.T.: 0.000 min
Response: 437423
Conc: 4.94 ug/ml



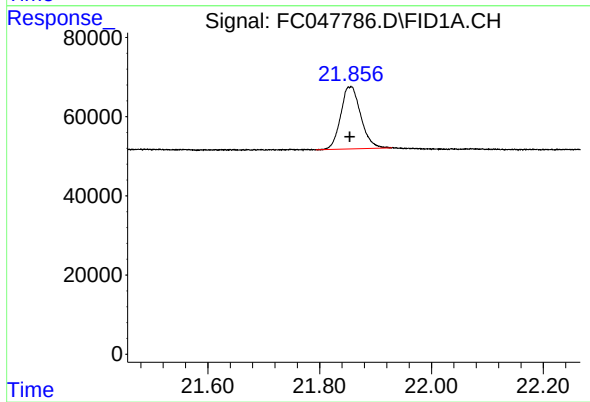
#21 n-Octatriacontane (C38)

R.T.: 20.915 min
Delta R.T.: 0.001 min
Response: 402652
Conc: 4.87 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.857 min
Delta R.T.: 0.003 min
Response: 390142
Conc: 4.76 ug/ml