

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072920AL\
 Data File : FC048740.D
 Signal(s) : FID1A.CH
 Acq On : 30 Jul 2020 2:48
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Ankita
 7/30/2020 9:50:30 AM

Integration File: autoint1.e
 Quant Time: Jul 30 04:02:29 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 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)	11.681	2618290	19.077 ug/ml
Spiked Amount 50.000		Recovery =	38.15%
12) S 1-chlorooctadecane (S...	13.114	2110166	18.726 ug/ml
Spiked Amount 50.000		Recovery =	37.45%
Target Compounds			
1) T n-Nonane (C9)	3.413	2593029	21.753 ug/ml
2) T n-Decane (C10)	4.487	2630950	21.857 ug/ml
3) T A~Naphthalene (C11.7)	6.085	2889790	21.474 ug/ml
4) T n-Dodecane (C12)	6.514	2659318	21.737 ug/ml
5) T A~2-methylnaphthalene...	7.145	2917213	21.165 ug/ml
6) T n-Tetradecane (C14)	8.313	2614935	21.227 ug/ml
7) T n-Hexadecane (C16)	9.915	2535009	20.709 ug/ml
8) T n-Octadecane (C18)	11.359	2563452	20.030 ug/ml
10) T n-Eicosane (C20)	12.670	2498999	19.322 ug/ml
11) T n-Heneicosane (C21)	13.283	2447685	18.883 ug/ml
13) T n-Docosane (C22)	13.868	2401721	18.498 ug/ml
14) T n-Tetracosane (C24)	14.969	2322917	17.721 ug/ml
15) T n-Hexacosane (C26)	15.991	2233325	17.175 ug/ml
16) T n-Octacosane (C28)	16.940	2196932	16.813 ug/ml
17) T n-Tricontane (C30)	17.825	2134135	16.601 ug/ml
18) T n-Dotriacontane (C32)	18.657	1987746	16.825 ug/mlm
19) T n-Tetratriacontane (C34)	19.440	1899160	17.014 ug/ml
20) T n-Hexatriacontane (C36)	20.177	1857536	17.661 ug/ml
21) T n-Octatriacontane (C38)	20.932	1971305	20.080 ug/mlm
22) T n-Tetracontane (C40)	21.889	1856033	19.099 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072920AL\
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Signal(s) : FID1A.CH
Acq On : 30 Jul 2020 2:48
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

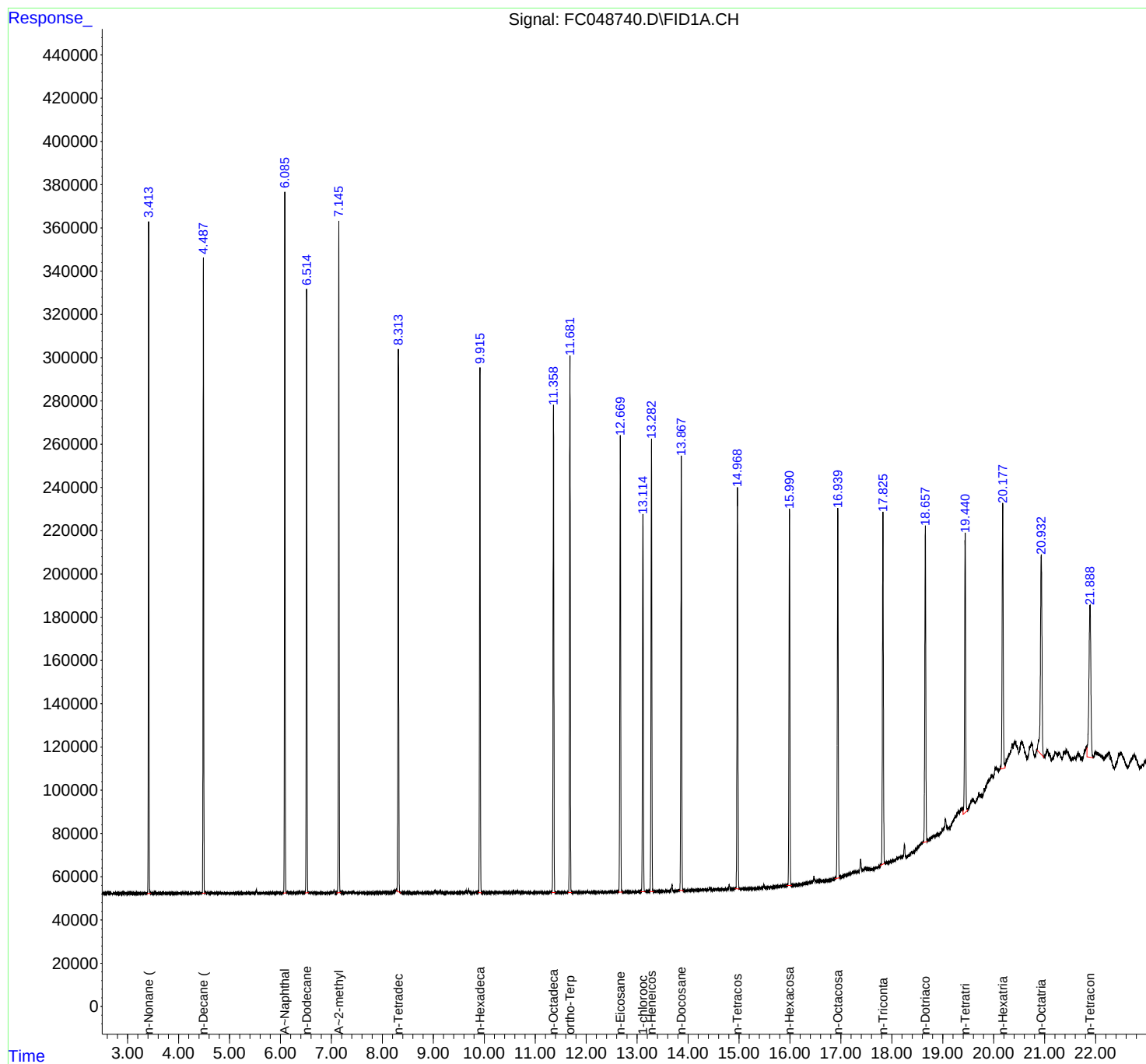
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

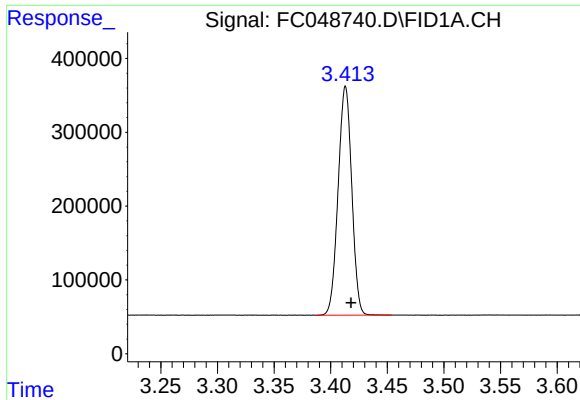
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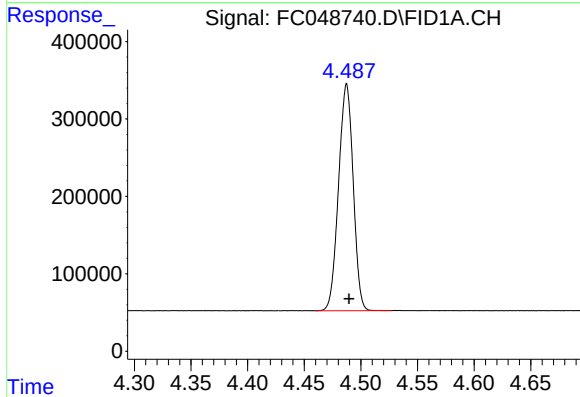
#1 n-Nonane (C9)

R.T.: 3.413 min
Delta R.T.: -0.005 min
Response: 2593029
Conc: 21.75 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

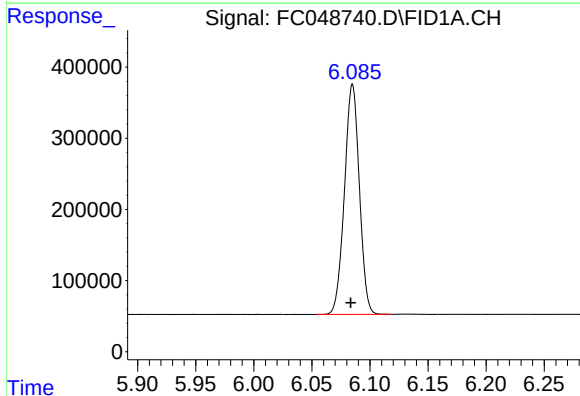
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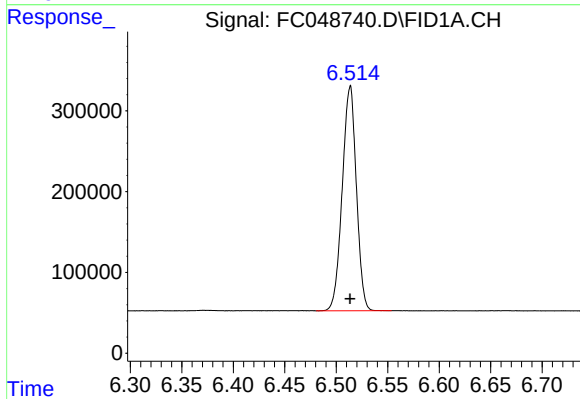
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: -0.002 min
Response: 2630950
Conc: 21.86 ug/ml



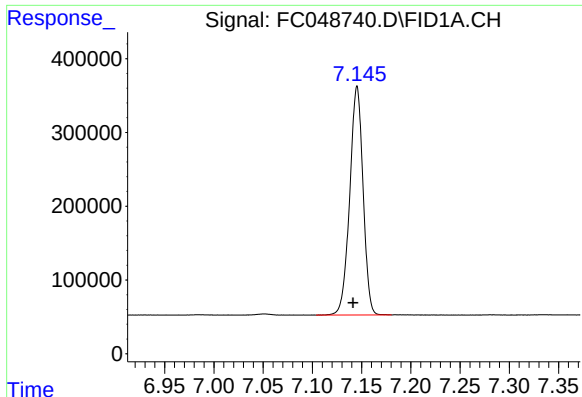
#3 A~Naphthalene (C11.7)

R.T.: 6.085 min
Delta R.T.: 0.002 min
Response: 2889790
Conc: 21.47 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.514 min
Delta R.T.: 0.000 min
Response: 2659318
Conc: 21.74 ug/ml



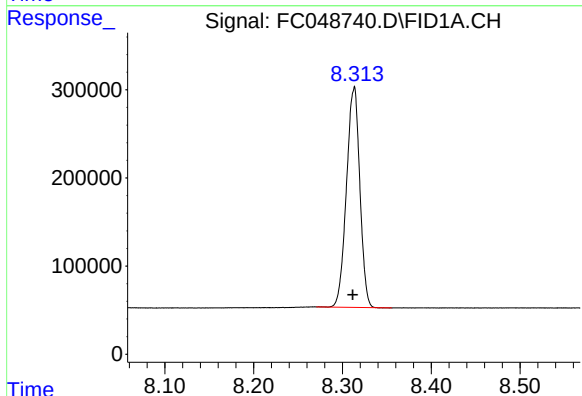
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.145 min
Delta R.T.: 0.004 min
Response: 2917213
Conc: 21.16 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

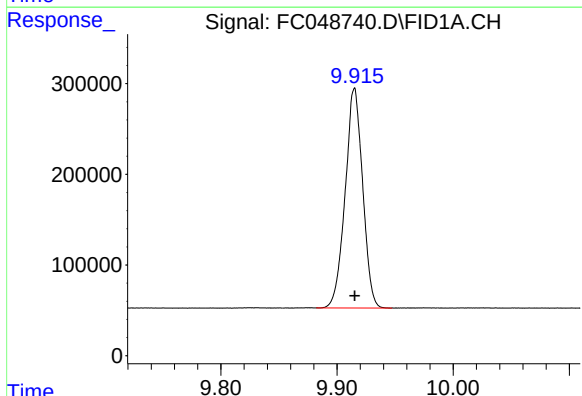
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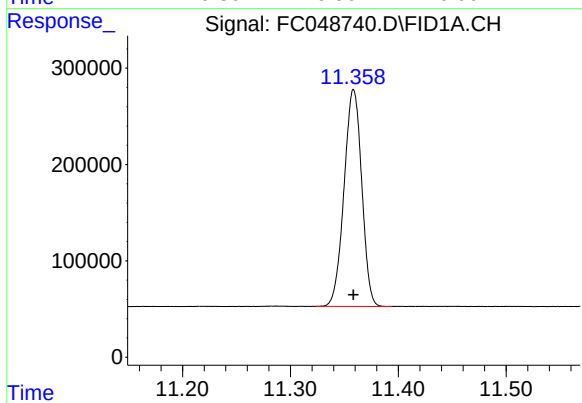
#6 n-Tetradecane (C14)

R.T.: 8.313 min
Delta R.T.: 0.002 min
Response: 2614935
Conc: 21.23 ug/ml



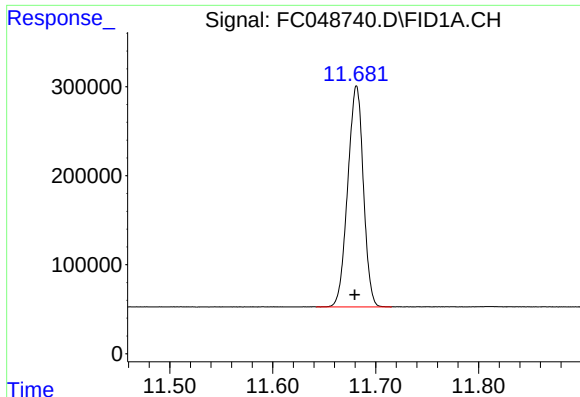
#7 n-Hexadecane (C16)

R.T.: 9.915 min
Delta R.T.: 0.000 min
Response: 2535009
Conc: 20.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.359 min
Delta R.T.: 0.000 min
Response: 2563452
Conc: 20.03 ug/ml



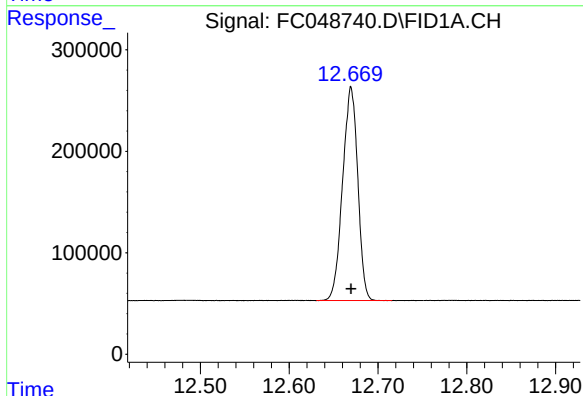
#9 ortho-Terphenyl (SURR)

R.T.: 11.681 min
Delta R.T.: 0.002 min
Response: 2618290
Conc: 19.08 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

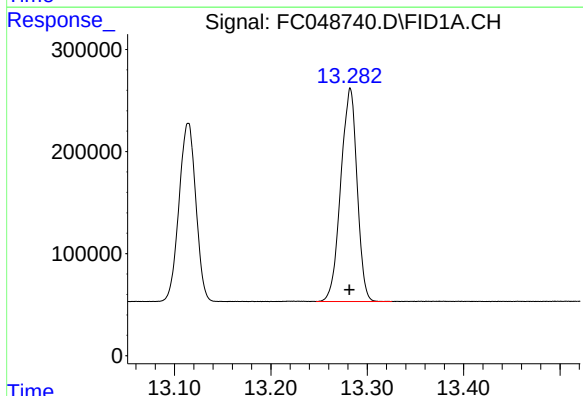
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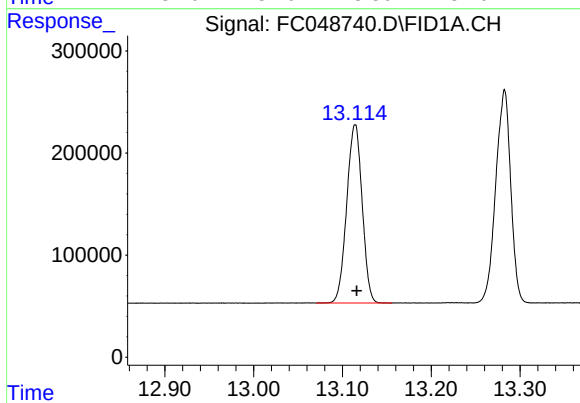
#10 n-Eicosane (C20)

R.T.: 12.670 min
Delta R.T.: 0.000 min
Response: 2498999
Conc: 19.32 ug/ml



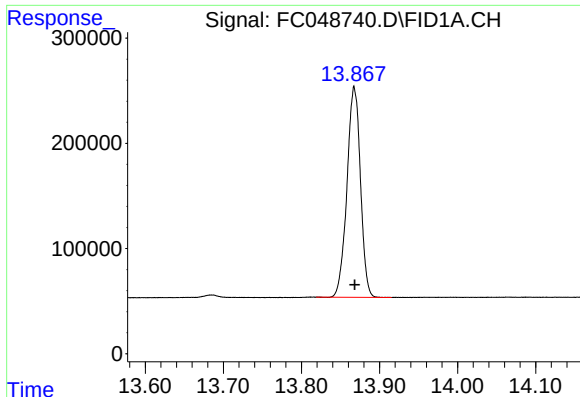
#11 n-Heneicosane (C21)

R.T.: 13.283 min
Delta R.T.: 0.000 min
Response: 2447685
Conc: 18.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.114 min
Delta R.T.: -0.002 min
Response: 2110166
Conc: 18.73 ug/ml



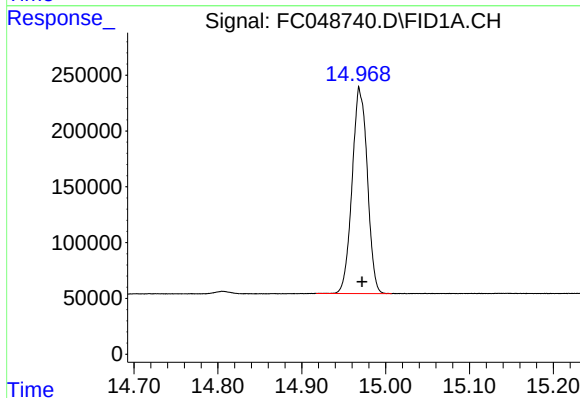
#13 n-Docosane (C22)

R.T.: 13.868 min
Delta R.T.: 0.000 min
Response: 2401721
Conc: 18.50 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

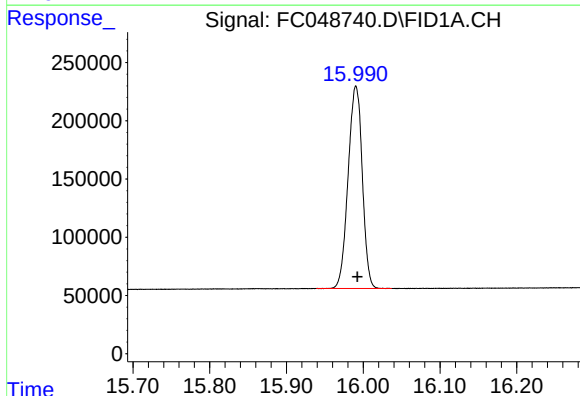
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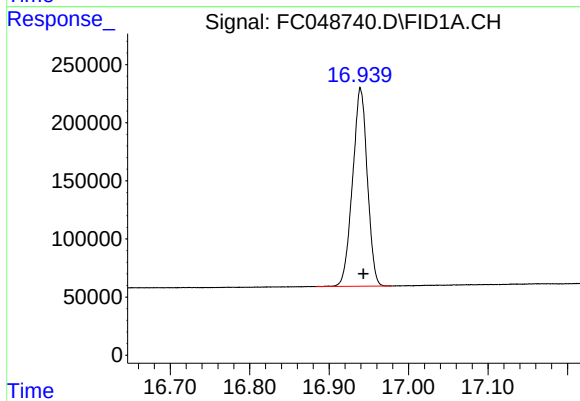
#14 n-Tetracosane (C24)

R.T.: 14.969 min
Delta R.T.: -0.003 min
Response: 2322917
Conc: 17.72 ug/ml



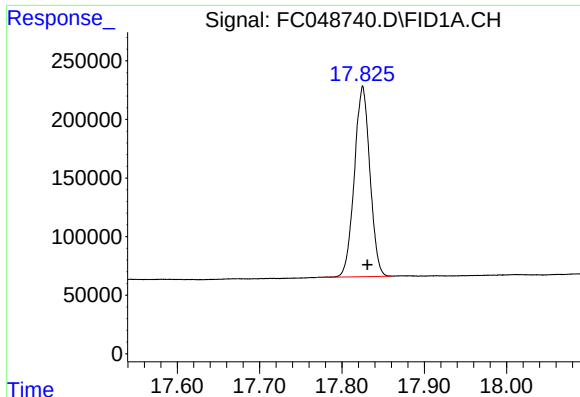
#15 n-Hexacosane (C26)

R.T.: 15.991 min
Delta R.T.: -0.002 min
Response: 2233325
Conc: 17.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.940 min
Delta R.T.: -0.004 min
Response: 2196932
Conc: 16.81 ug/ml



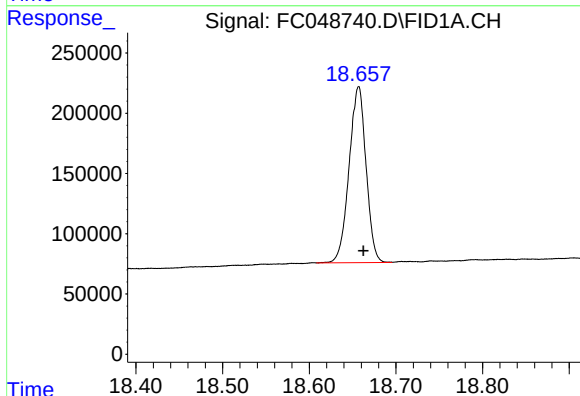
#17 n-Tricontane (C30)

R.T.: 17.825 min
Delta R.T.: -0.006 min
Response: 2134135
Conc: 16.60 ug/ml

Instrument :
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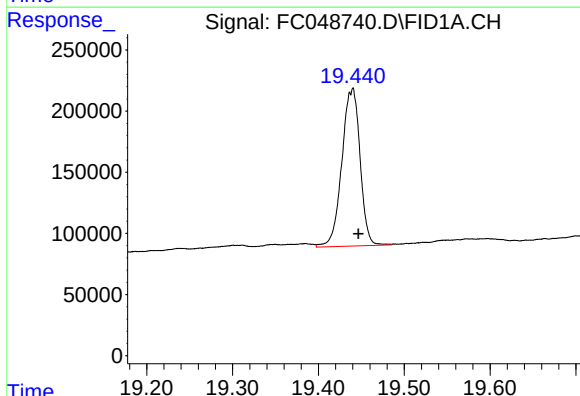
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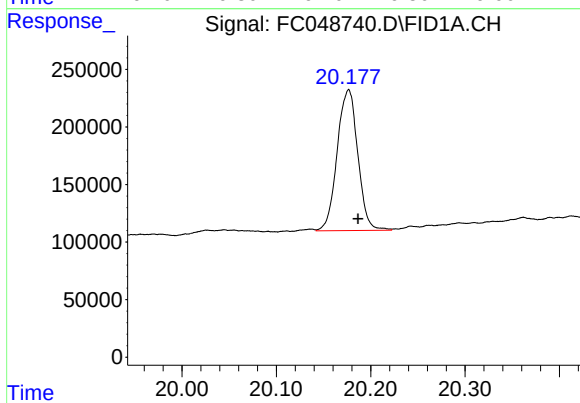
#18 n-Dotriacontane (C32)

R.T.: 18.657 min
Delta R.T.: -0.006 min
Response: 1987746
Conc: 16.83 ug/ml m



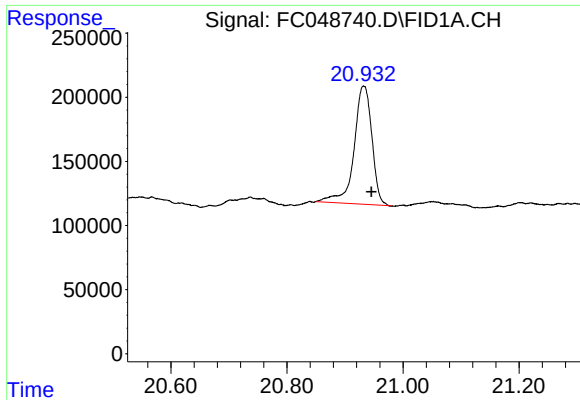
#19 n-Tetratriacontane (C34)

R.T.: 19.440 min
Delta R.T.: -0.007 min
Response: 1899160
Conc: 17.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.177 min
Delta R.T.: -0.010 min
Response: 1857536
Conc: 17.66 ug/ml



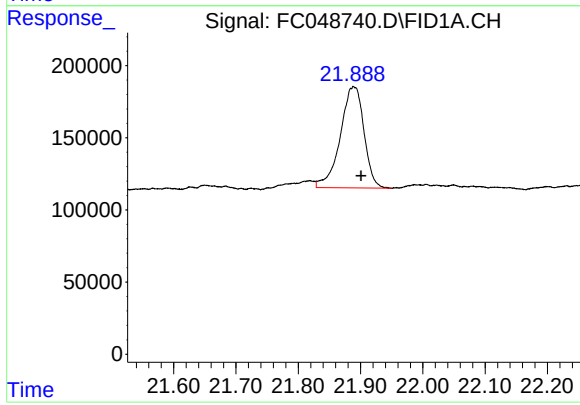
#21 n-Octatriacontane (C38)

R.T.: 20.932 min
Delta R.T.: -0.014 min
Response: 1971305
Conc: 20.08 ug/ml m

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

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#22 n-Tetracontane (C40)

R.T.: 21.889 min
Delta R.T.: -0.012 min
Response: 1856033
Conc: 19.10 ug/ml