

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051120AL\
 Data File : FC047357.D
 Signal(s) : FID1A.CH
 Acq On : 12 May 2020 1:26
 Operator : DD\AJ
 Sample : L2182-08
 Misc : LOQ-5 PPM- WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Integration File: autoint1.e
 Quant Time: May 12 02:02:37 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050820.M
 Quant Title : GC Extractables
 QLast Update : Fri May 08 16:49:27 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			
12) S 1-chlorooctadecane (S...	13.156	2746727	28.004 ug/ml
Spiked Amount 50.000		Recovery =	56.01%
Target Compounds			
1) T n-Nonane (C9)	3.556	262271	2.587 ug/ml
2) T n-Decane (C10)	4.619	317424	3.106 ug/ml
4) T n-Dodecane (C12)	6.618	422559	4.001 ug/ml
6) T n-Tetradecane (C14)	8.397	412466	3.899 ug/ml
7) T n-Hexadecane (C16)	9.984	448159	4.236 ug/ml
8) T n-Octadecane (C18)	11.413	511227	4.565 ug/ml
10) T n-Eicosane (C20)	12.711	544940	4.789 ug/ml
11) T n-Heneicosane (C21)	13.318	550910	4.846 ug/ml
13) T n-Docosane (C22)	13.901	553602	4.872 ug/ml
14) T n-Tetracosane (C24)	14.997	567206	5.013 ug/ml
15) T n-Hexacosane (C26)	16.010	563147	5.028 ug/ml
16) T n-Octacosane (C28)	16.955	572011	5.128 ug/ml
17) T n-Tricontane (C30)	17.836	572115	5.291 ug/ml
18) T n-Dotriacontane (C32)	18.662	558938	5.668 ug/ml
19) T n-Tetratriacontane (C34)	19.442	499296	5.443 ug/ml
20) T n-Hexatriacontane (C36)	20.176	541498	6.244 ug/ml
21) T n-Octatriacontane (C38)	20.930	415142	5.145 ug/ml
22) T n-Tetracontane (C40)	21.885	513196	6.311 ug/ml

(f)=RT Delta > 1/2 Window

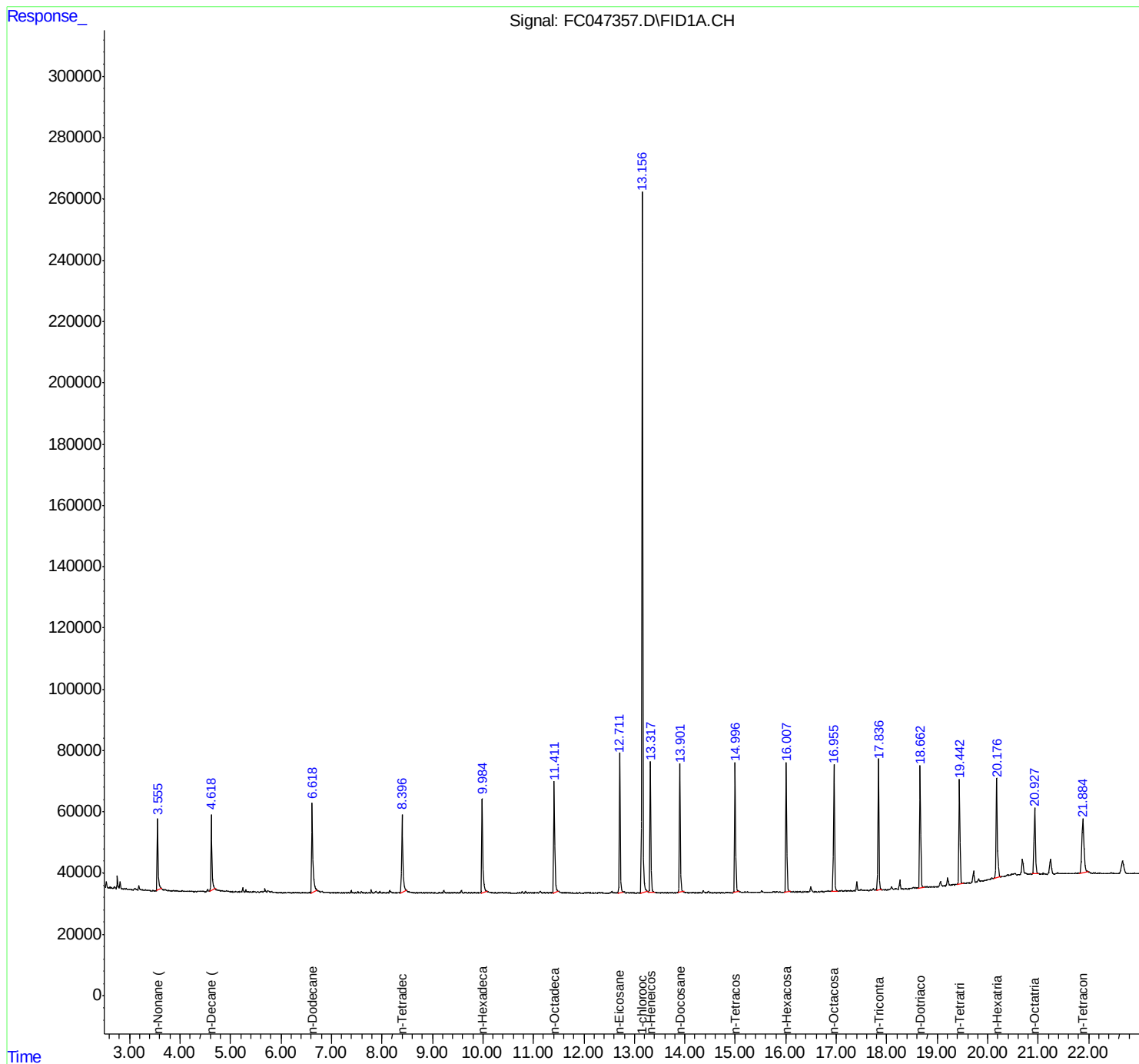
(m)=manual int.

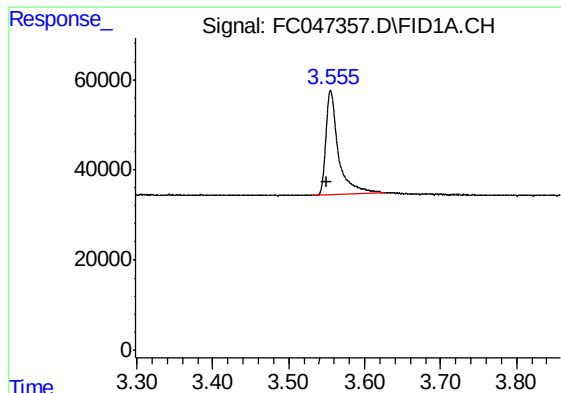
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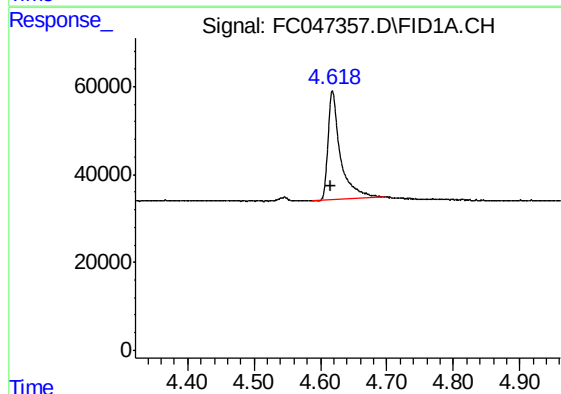




#1 n-Nonane (C9)

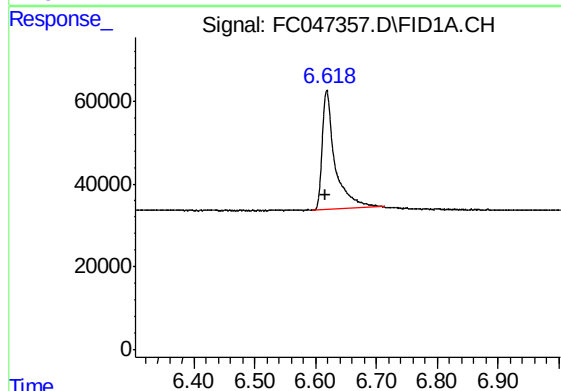
R.T.: 3.556 min
Delta R.T.: 0.006 min
Response: 262271
Conc: 2.59 ug/ml

Instrument :
FID_C
ClientSampleId :
LOQ-WATER-02-QT2-2020



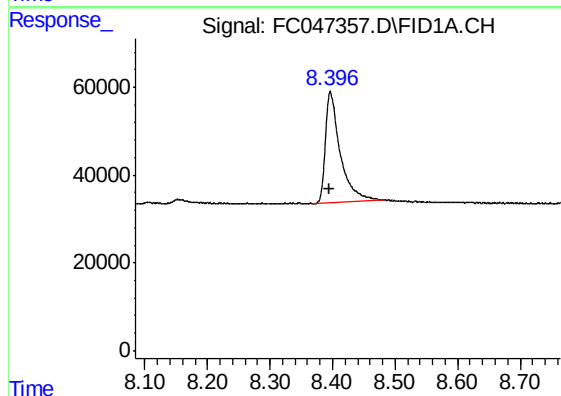
#2 n-Decane (C10)

R.T.: 4.619 min
Delta R.T.: 0.004 min
Response: 317424
Conc: 3.11 ug/ml



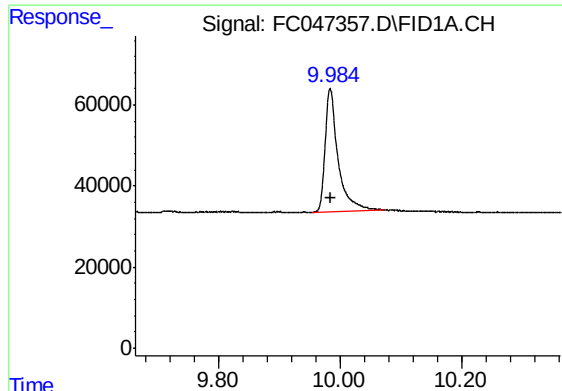
#4 n-Dodecane (C12)

R.T.: 6.618 min
Delta R.T.: 0.002 min
Response: 422559
Conc: 4.00 ug/ml



#6 n-Tetradecane (C14)

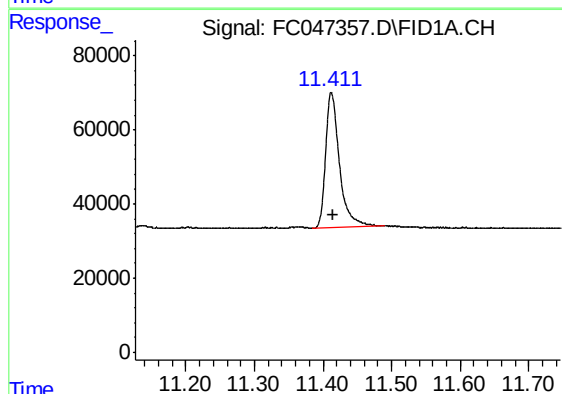
R.T.: 8.397 min
Delta R.T.: 0.002 min
Response: 412466
Conc: 3.90 ug/ml



#7 n-Hexadecane (C16)

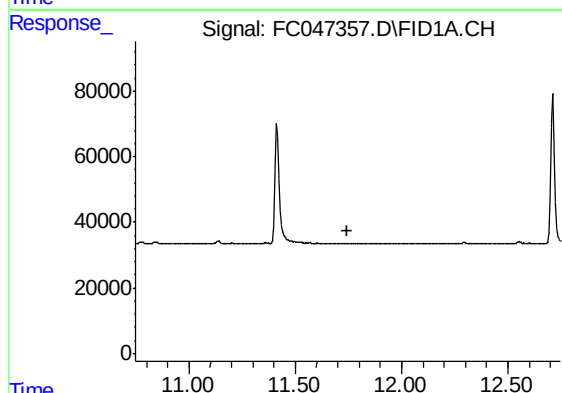
R.T.: 9.984 min
Delta R.T.: 0.000 min
Response: 448159
Conc: 4.24 ug/ml

Instrument :
FID_C
ClientSampleId :
LOQ-WATER-02-QT2-2020



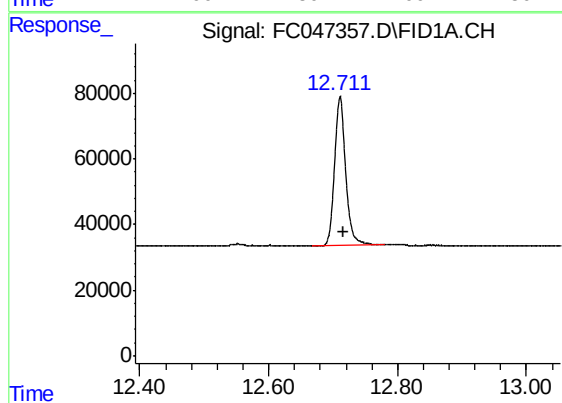
#8 n-Octadecane (C18)

R.T.: 11.413 min
Delta R.T.: -0.003 min
Response: 511227
Conc: 4.57 ug/ml



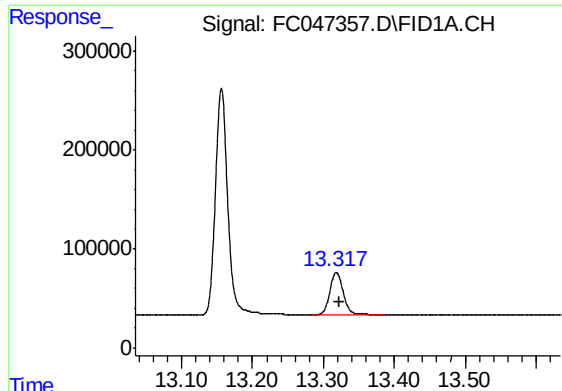
#9 ortho-Terphenyl (SURRE)

R.T.: 0.000 min
Exp R.T. : 11.748 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

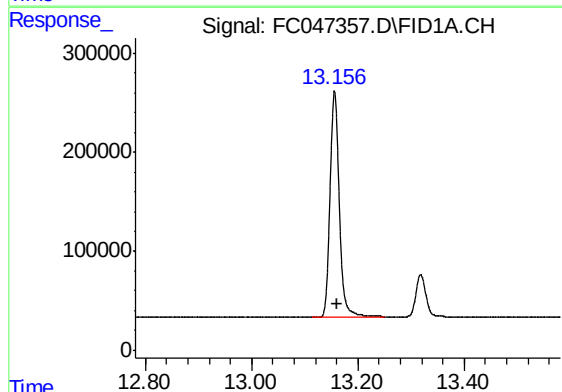
R.T.: 12.711 min
Delta R.T.: -0.004 min
Response: 544940
Conc: 4.79 ug/ml



#11 n-Heneicosane (C21)

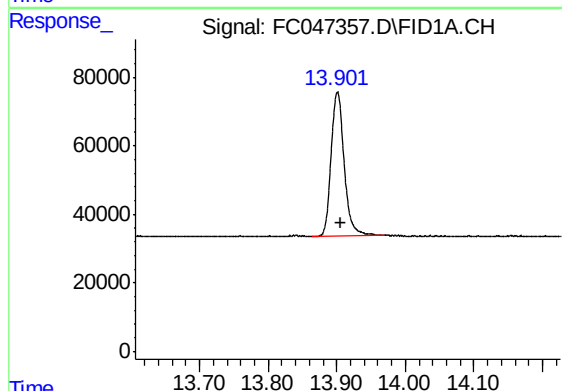
R.T.: 13.318 min
Delta R.T.: -0.005 min
Response: 550910
Conc: 4.85 ug/ml

Instrument :
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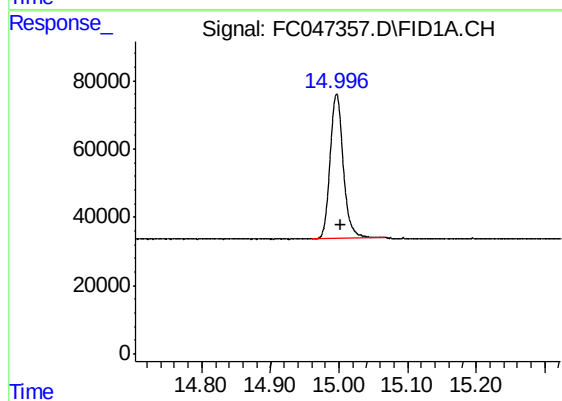
#12 1-chlorooctadecane (SURR)

R.T.: 13.156 min
Delta R.T.: -0.005 min
Response: 2746727
Conc: 28.00 ug/ml



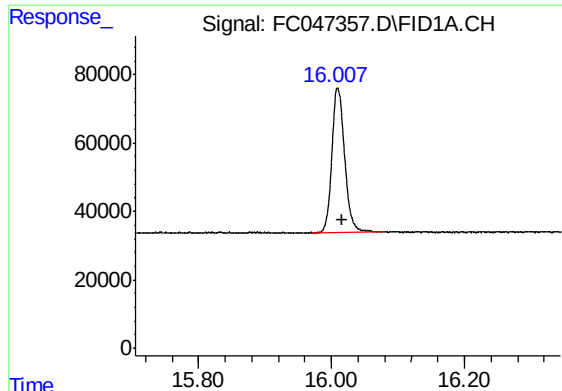
#13 n-Docosane (C22)

R.T.: 13.901 min
Delta R.T.: -0.005 min
Response: 553602
Conc: 4.87 ug/ml



#14 n-Tetracosane (C24)

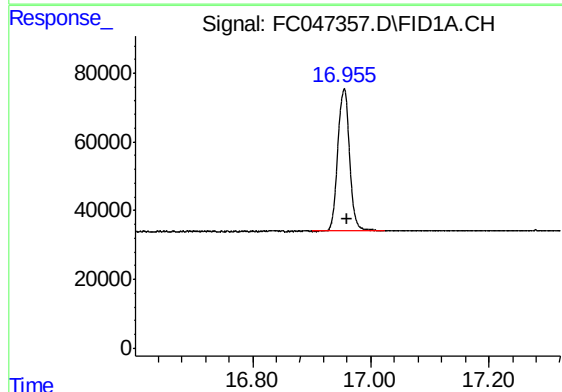
R.T.: 14.997 min
Delta R.T.: -0.006 min
Response: 567206
Conc: 5.01 ug/ml



#15 n-Hexacosane (C26)

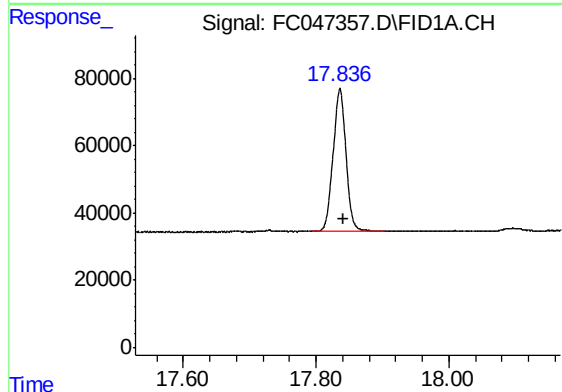
R.T.: 16.010 min
Delta R.T.: -0.006 min
Response: 563147
Conc: 5.03 ug/ml

Instrument :
FID_C
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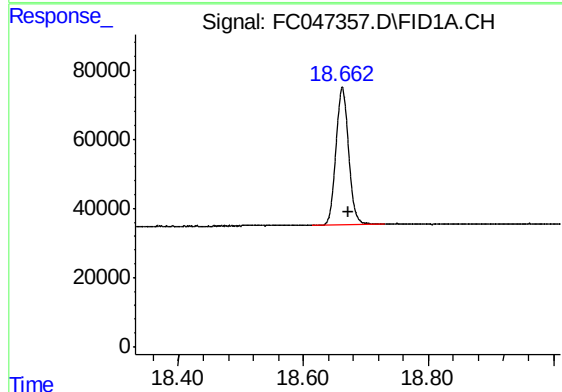
#16 n-Octacosane (C28)

R.T.: 16.955 min
Delta R.T.: -0.006 min
Response: 572011
Conc: 5.13 ug/ml



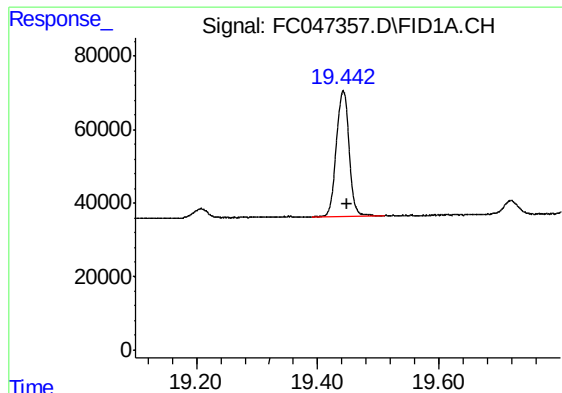
#17 n-Tricontane (C30)

R.T.: 17.836 min
Delta R.T.: -0.006 min
Response: 572115
Conc: 5.29 ug/ml



#18 n-Dotriacontane (C32)

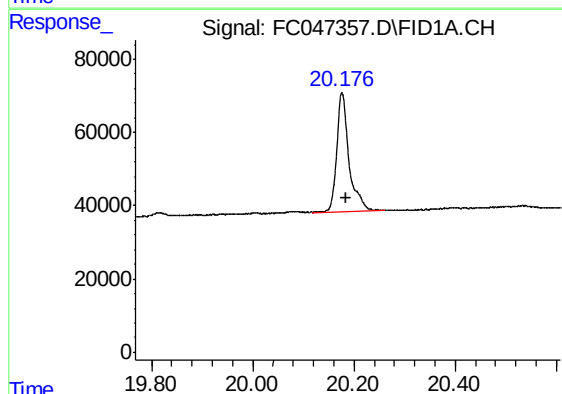
R.T.: 18.662 min
Delta R.T.: -0.009 min
Response: 558938
Conc: 5.67 ug/ml



#19 n-Tetratriacontane (C34)

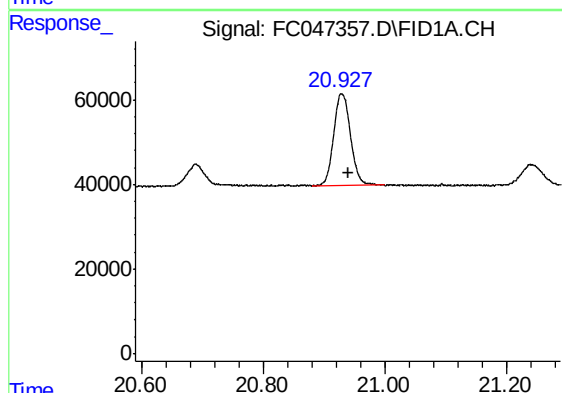
R.T.: 19.442 min
Delta R.T.: -0.006 min
Response: 499296
Conc: 5.44 ug/ml

Instrument :
FID_C
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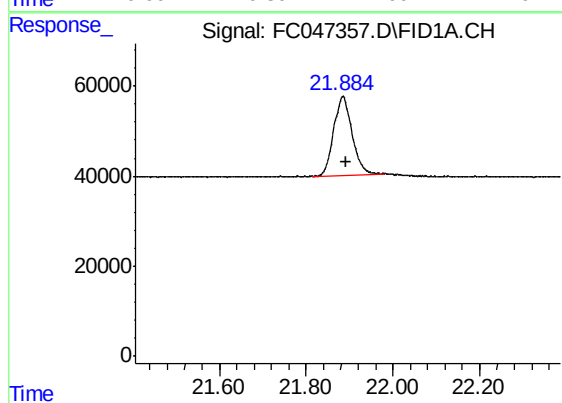
#20 n-Hexatriacontane (C36)

R.T.: 20.176 min
Delta R.T.: -0.008 min
Response: 541498
Conc: 6.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.930 min
Delta R.T.: -0.010 min
Response: 415142
Conc: 5.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.885 min
Delta R.T.: -0.008 min
Response: 513196
Conc: 6.31 ug/ml