

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051120AL\
 Data File : FC047351.D
 Signal(s) : FID1A.CH
 Acq On : 11 May 2020 21:49
 Operator : DD\AJ
 Sample : L2182-01
 Misc : LOD-2.5PPM-SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

Manual Integrations
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 5/12/2020 4:36:30 PM

Integration File: autoint1.e
 Quant Time: May 12 02:01:13 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...	13.157	1639179	16.712 ug/ml
Spiked Amount 50.000		Recovery =	33.42%
Target Compounds			
1) T n-Nonane (C9)	3.559	104956	1.035 ug/mlm
2) T n-Decane (C10)	4.622	118500	1.160 ug/mlm
4) T n-Dodecane (C12)	6.622	204052	1.932 ug/mlm
6) T n-Tetradecane (C14)	8.405	174331	1.648 ug/mlm
7) T n-Hexadecane (C16)	9.993	182165	1.722 ug/mlm
8) T n-Octadecane (C18)	11.418	199254	1.779 ug/mlm
10) T n-Eicosane (C20)	12.713	219049	1.925 ug/ml
11) T n-Heneicosane (C21)	13.320	218596	1.923 ug/ml
13) T n-Docosane (C22)	13.904	224610	1.977 ug/ml
14) T n-Tetracosane (C24)	14.999	227703	2.012 ug/ml
15) T n-Hexacosane (C26)	16.013	232986	2.080 ug/ml
16) T n-Octacosane (C28)	16.956	253138	2.270 ug/ml
17) T n-Tricontane (C30)	17.838	265674	2.457 ug/ml
18) T n-Dotriacontane (C32)	18.664	252680	2.562 ug/ml
19) T n-Tetratriacontane (C34)	19.444	229127	2.498 ug/ml
20) T n-Hexatriacontane (C36)	20.179	209650	2.417 ug/ml
21) T n-Octatriacontane (C38)	20.932	183910	2.279 ug/mlm
22) T n-Tetracontane (C40)	21.886	181426	2.231 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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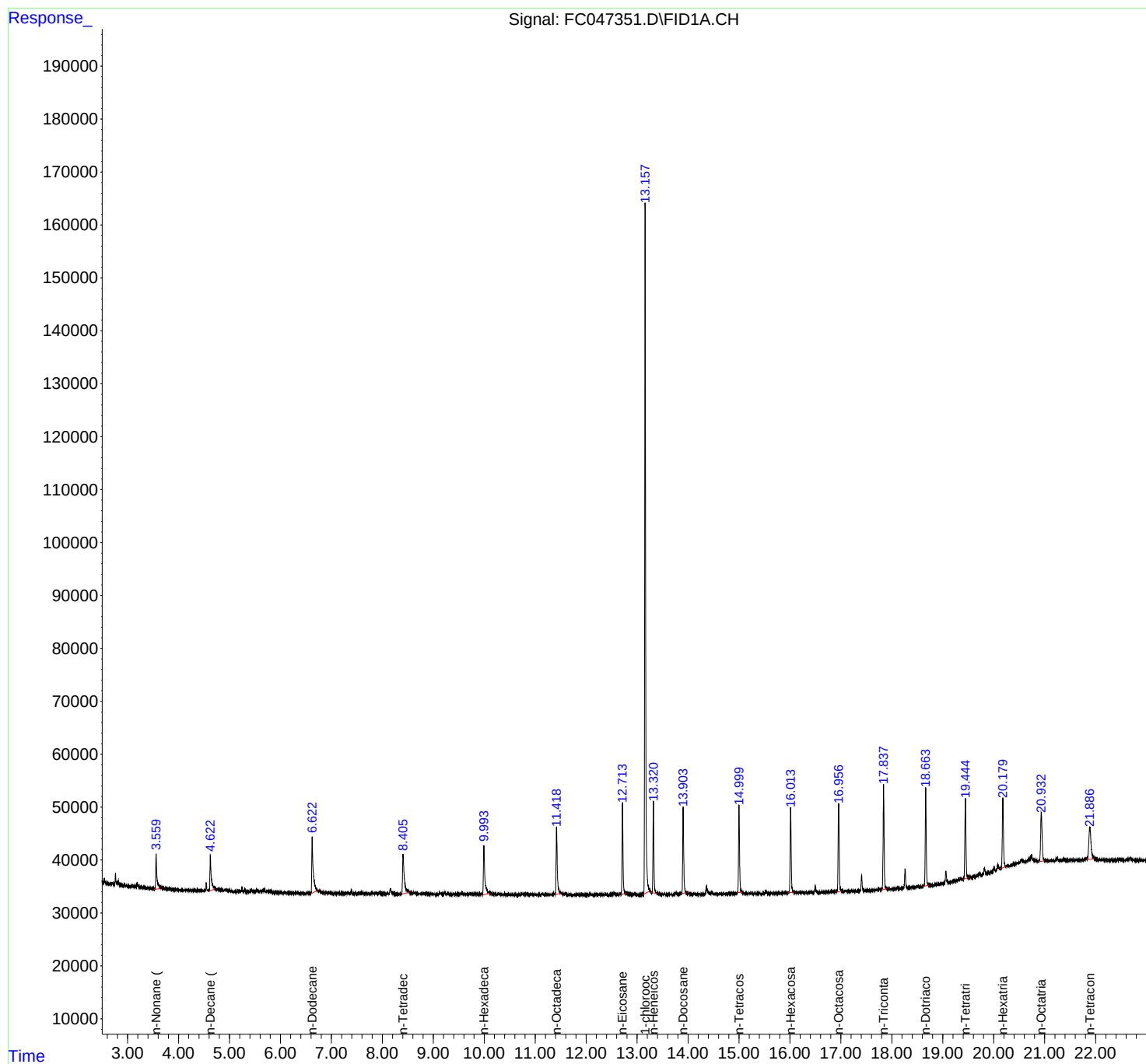
Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

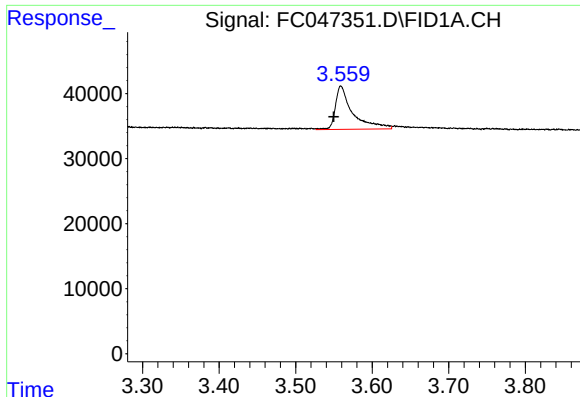
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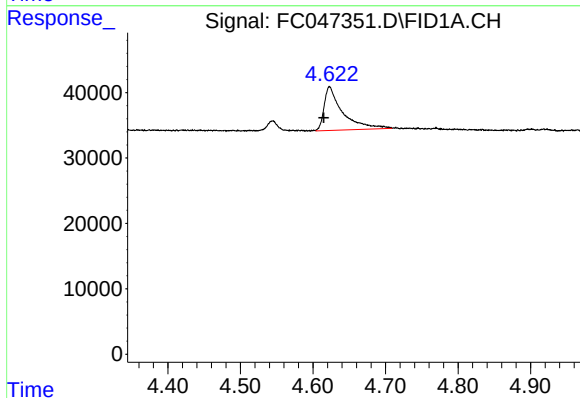
#1 n-Nonane (C9)

R.T.: 3.559 min
Delta R.T.: 0.009 min
Response: 104956
Conc: 1.04 ug/ml m

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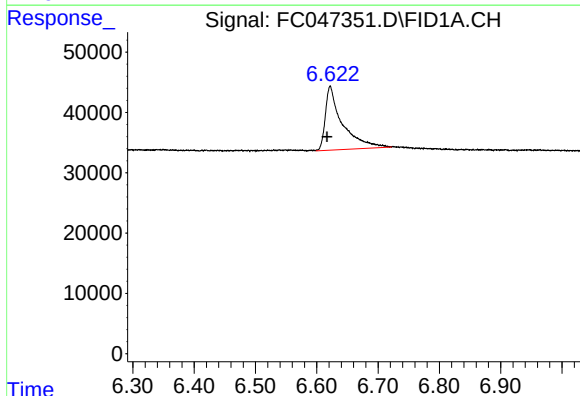
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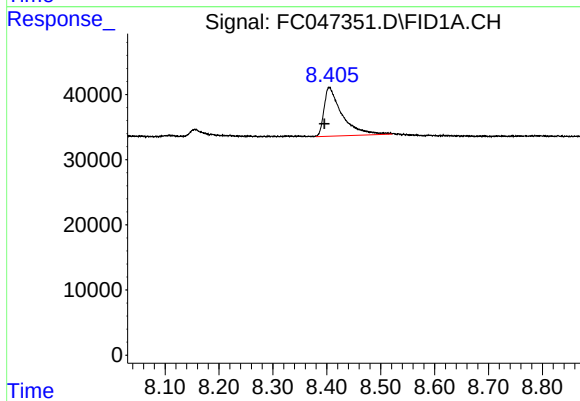
#2 n-Decane (C10)

R.T.: 4.622 min
Delta R.T.: 0.007 min
Response: 118500
Conc: 1.16 ug/ml m



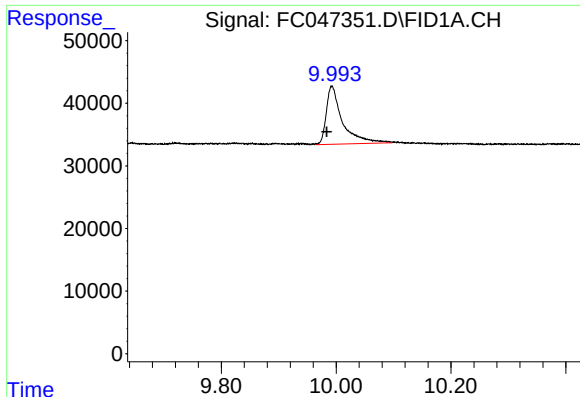
#4 n-Dodecane (C12)

R.T.: 6.622 min
Delta R.T.: 0.005 min
Response: 204052
Conc: 1.93 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.405 min
Delta R.T.: 0.010 min
Response: 174331
Conc: 1.65 ug/ml m



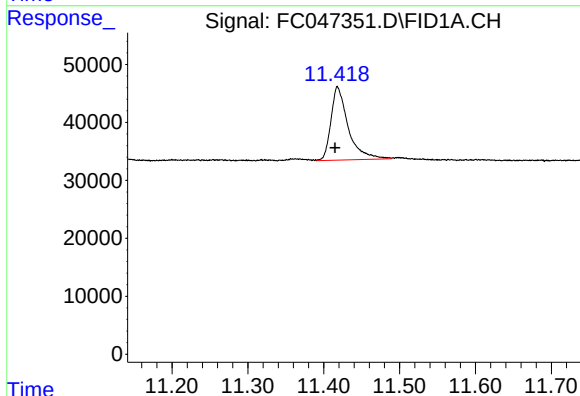
#7 n-Hexadecane (C16)

R.T.: 9.993 min
Delta R.T.: 0.009 min
Response: 182165
Conc: 1.72 ug/ml m

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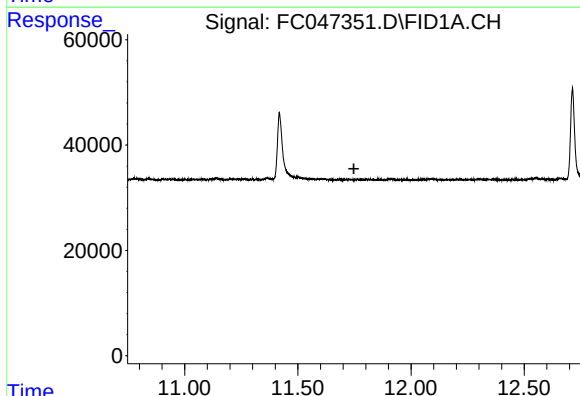
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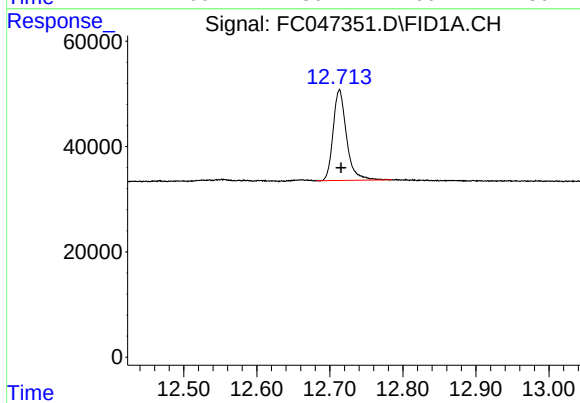
#8 n-Octadecane (C18)

R.T.: 11.418 min
Delta R.T.: 0.003 min
Response: 199254
Conc: 1.78 ug/ml m



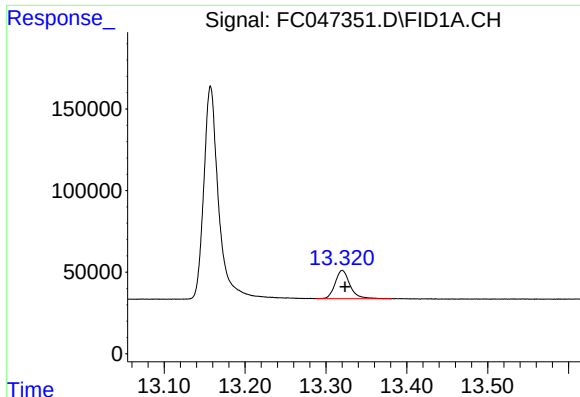
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.713 min
Delta R.T.: -0.002 min
Response: 219049
Conc: 1.93 ug/ml



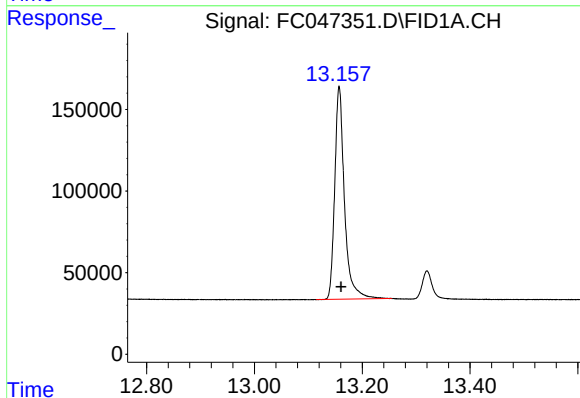
#11 n-Heneicosane (C21)

R.T.: 13.320 min
Delta R.T.: -0.003 min
Response: 218596
Conc: 1.92 ug/ml

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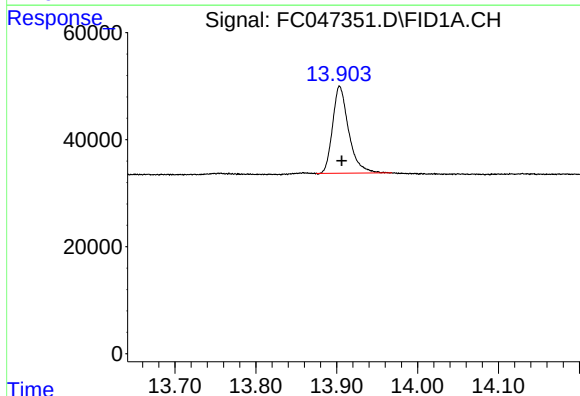
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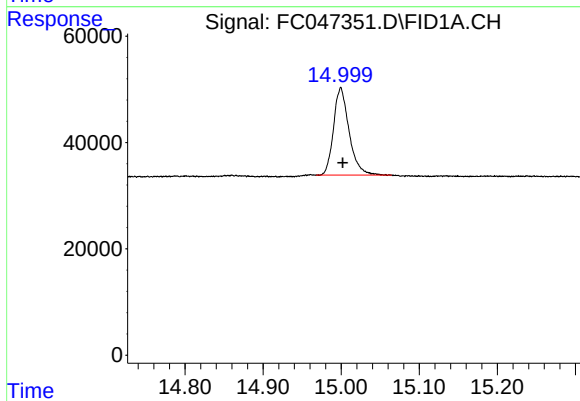
#12 1-chlorooctadecane (SURR)

R.T.: 13.157 min
Delta R.T.: -0.004 min
Response: 1639179
Conc: 16.71 ug/ml



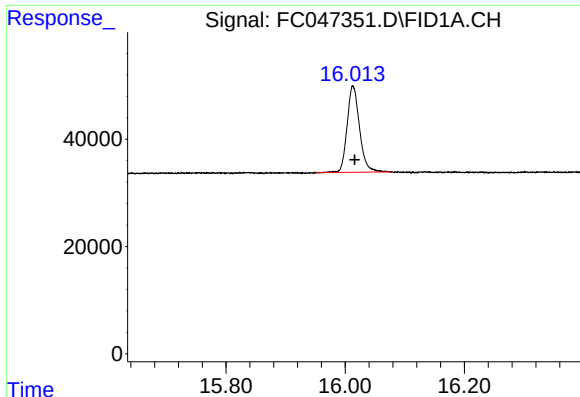
#13 n-Docosane (C22)

R.T.: 13.904 min
Delta R.T.: -0.002 min
Response: 224610
Conc: 1.98 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.999 min
Delta R.T.: -0.003 min
Response: 227703
Conc: 2.01 ug/ml



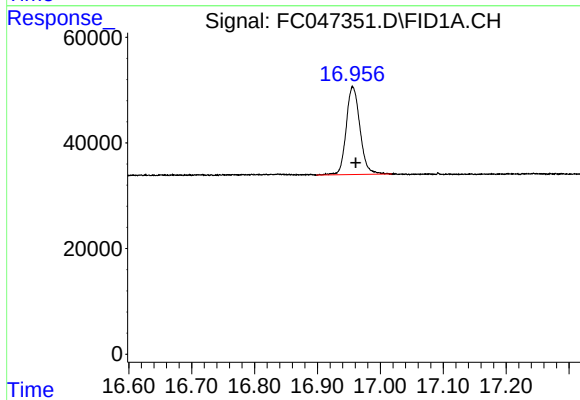
#15 n-Hexacosane (C26)

R.T.: 16.013 min
Delta R.T.: -0.003 min
Response: 232986
Conc: 2.08 ug/ml

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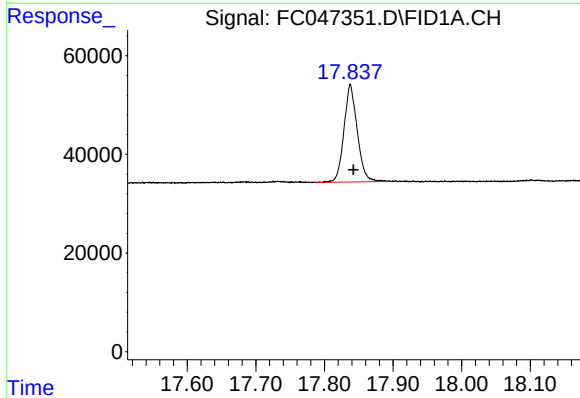
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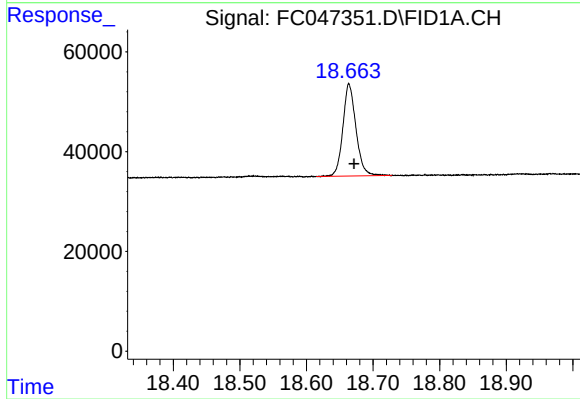
#16 n-Octacosane (C28)

R.T.: 16.956 min
Delta R.T.: -0.005 min
Response: 253138
Conc: 2.27 ug/ml



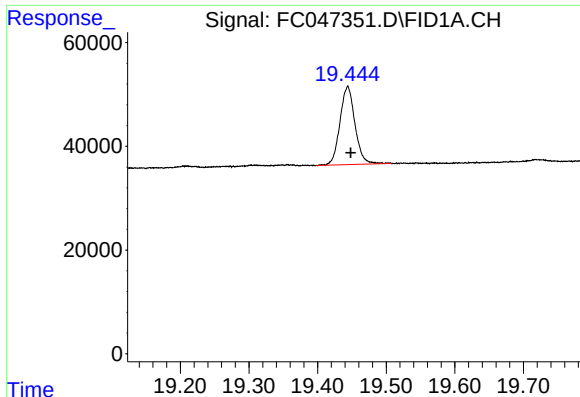
#17 n-Tricontane (C30)

R.T.: 17.838 min
Delta R.T.: -0.004 min
Response: 265674
Conc: 2.46 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.664 min
Delta R.T.: -0.007 min
Response: 252680
Conc: 2.56 ug/ml



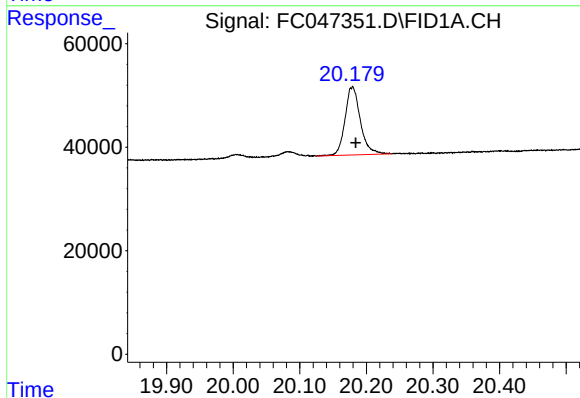
#19 n-Tetratriacontane (C34)

R.T.: 19.444 min
Delta R.T.: -0.004 min
Response: 229127
Conc: 2.50 ug/ml

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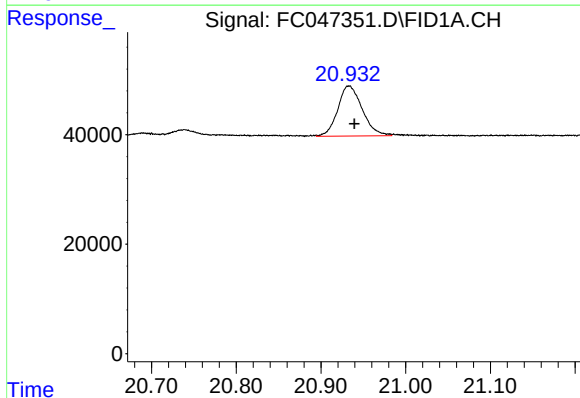
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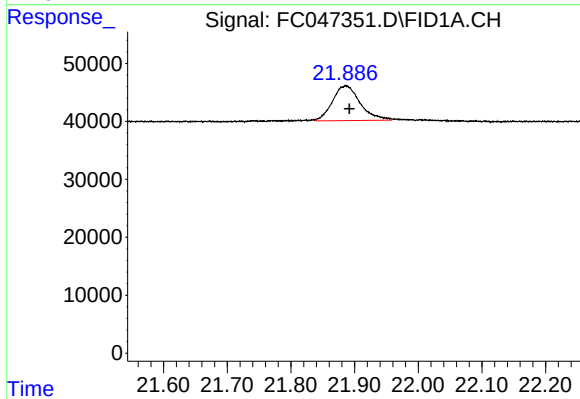
#20 n-Hexatriacontane (C36)

R.T.: 20.179 min
Delta R.T.: -0.005 min
Response: 209650
Conc: 2.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.932 min
Delta R.T.: -0.007 min
Response: 183910
Conc: 2.28 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.886 min
Delta R.T.: -0.007 min
Response: 181426
Conc: 2.23 ug/ml m