

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051320AL\
 Data File : FC047397.D
 Signal(s) : FID1A.CH
 Acq On : 13 May 2020 13:27
 Operator : DD\AJ
 Sample : L2182-01
 Misc : LOD-2.5 PPM- SOIL
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
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 5/14/2020 2:29:01 PM

Integration File: autoint1.e
 Quant Time: May 14 01:57:09 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...	13.153	2898706	29.554 ug/ml
Spiked Amount 50.000		Recovery =	59.11%
Target Compounds			
1) T n-Nonane (C9)	3.552	114946	1.134 ug/mlm
2) T n-Decane (C10)	4.615	132005	1.292 ug/mlm
4) T n-Dodecane (C12)	6.614	216213	2.047 ug/mlm
6) T n-Tetradecane (C14)	8.390	213106	2.015 ug/mlm
7) T n-Hexadecane (C16)	9.977	193572	1.829 ug/mlm
8) T n-Octadecane (C18)	11.408	187829	1.677 ug/ml
10) T n-Eicosane (C20)	12.706	199112	1.750 ug/ml
11) T n-Heneicosane (C21)	13.314	196175	1.726 ug/ml
13) T n-Docosane (C22)	13.897	196181	1.726 ug/ml
14) T n-Tetracosane (C24)	14.993	195305	1.726 ug/ml
15) T n-Hexacosane (C26)	16.007	202543	1.808 ug/ml
16) T n-Octacosane (C28)	16.950	225173	2.019 ug/ml
17) T n-Tricontane (C30)	17.831	252794	2.338 ug/ml
18) T n-Dotriacontane (C32)	18.661	237819	2.412 ug/ml
19) T n-Tetratriacontane (C34)	19.438	206270	2.249 ug/ml
20) T n-Hexatriacontane (C36)	20.172	195679	2.256 ug/mlm
21) T n-Octatriacontane (C38)	20.925	164262	2.036 ug/mlm
22) T n-Tetracontane (C40)	21.872	180622	2.221 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 5 Sample Multiplier: 1

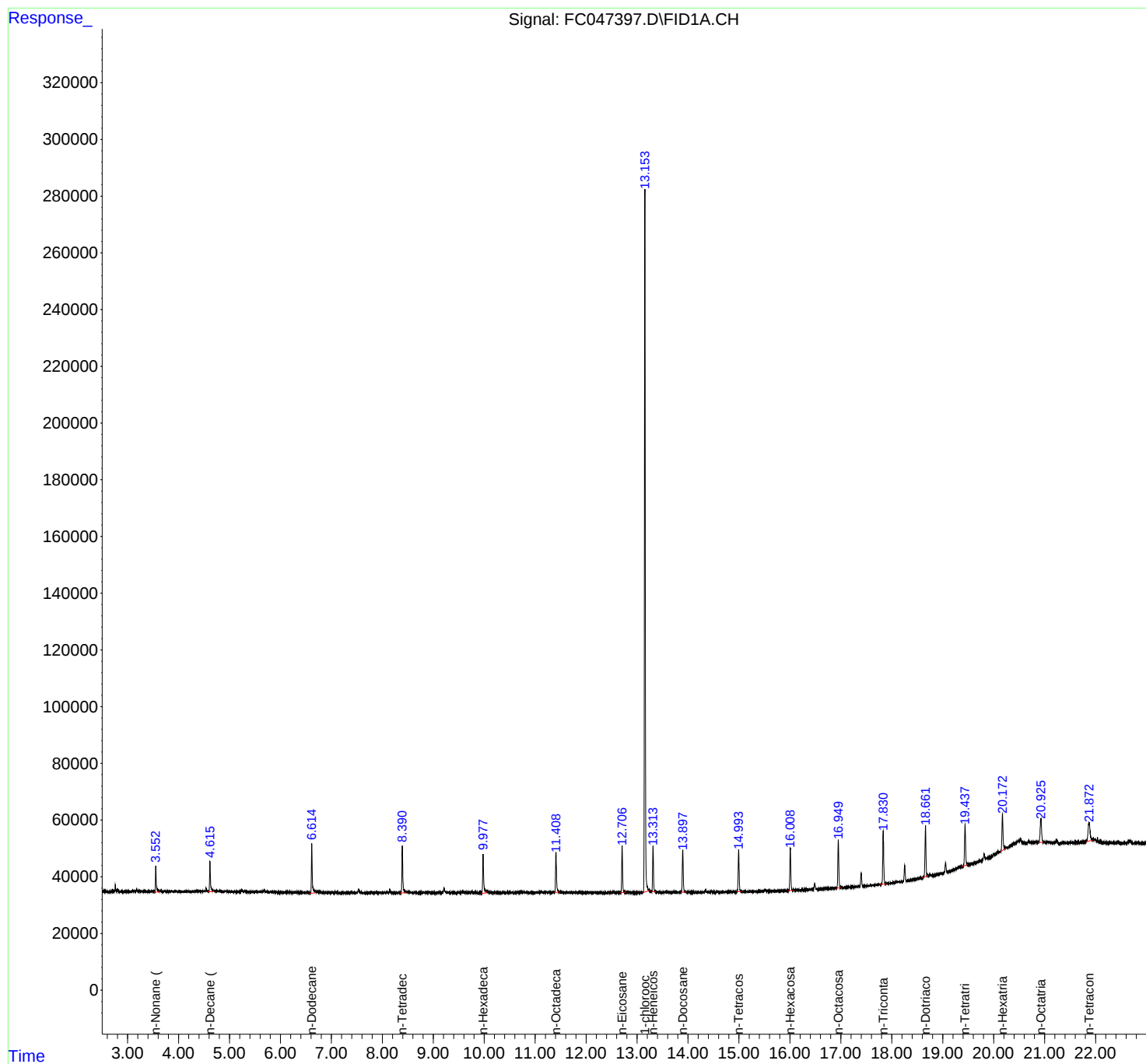
Instrument :
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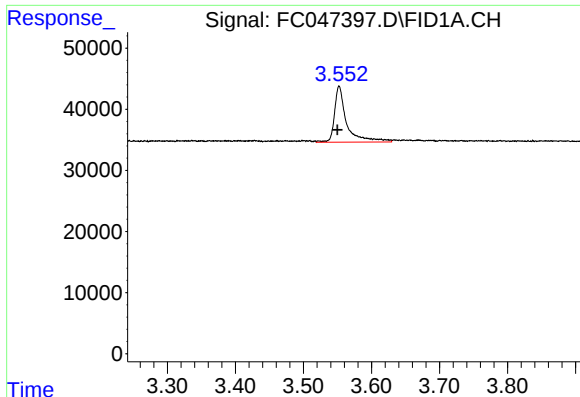
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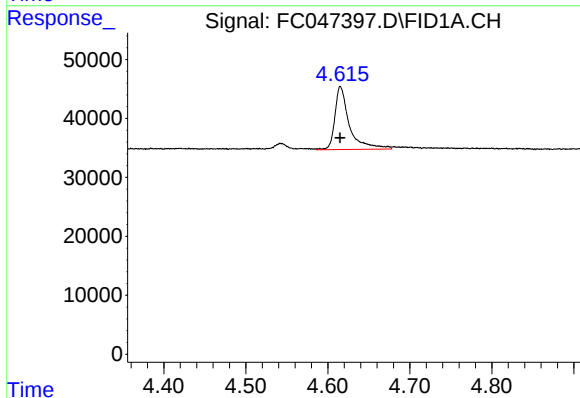
#1 n-Nonane (C9)

R.T.: 3.552 min
Delta R.T.: 0.002 min
Response: 114946
Conc: 1.13 ug/ml m

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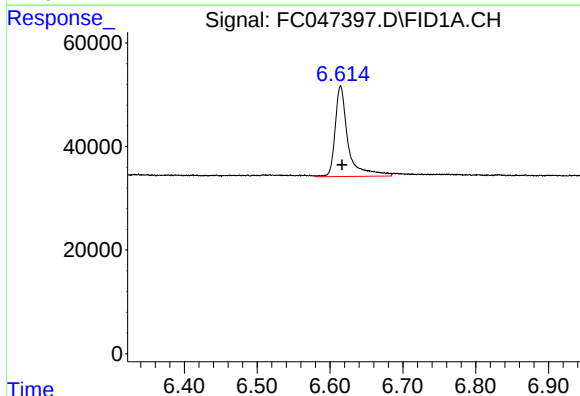
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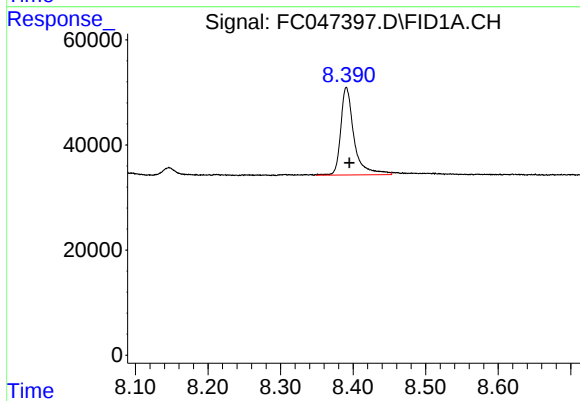
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 132005
Conc: 1.29 ug/ml m



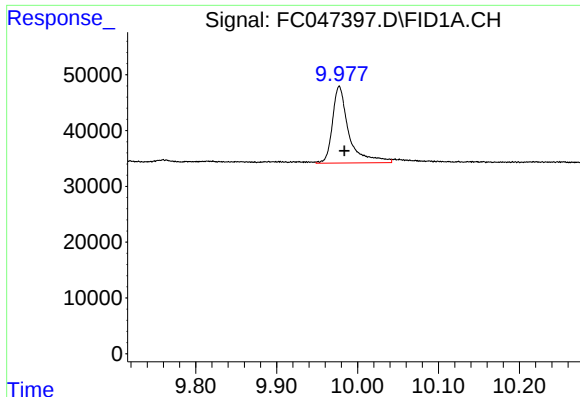
#4 n-Dodecane (C12)

R.T.: 6.614 min
Delta R.T.: -0.003 min
Response: 216213
Conc: 2.05 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.390 min
Delta R.T.: -0.005 min
Response: 213106
Conc: 2.01 ug/ml m



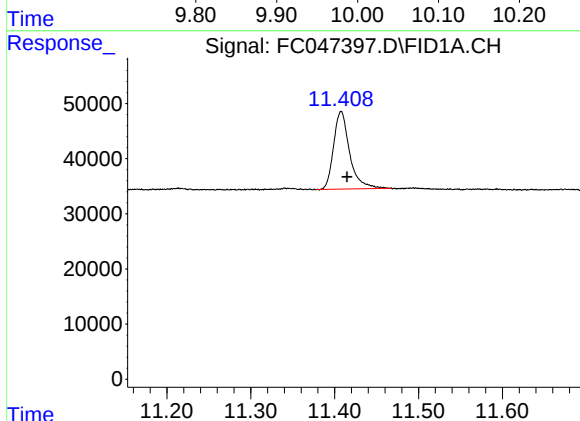
#7 n-Hexadecane (C16)

R.T.: 9.977 min
Delta R.T.: -0.006 min
Response: 193572
Conc: 1.83 ug/ml m

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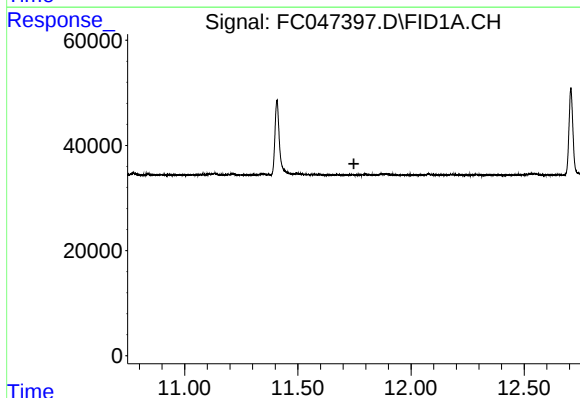
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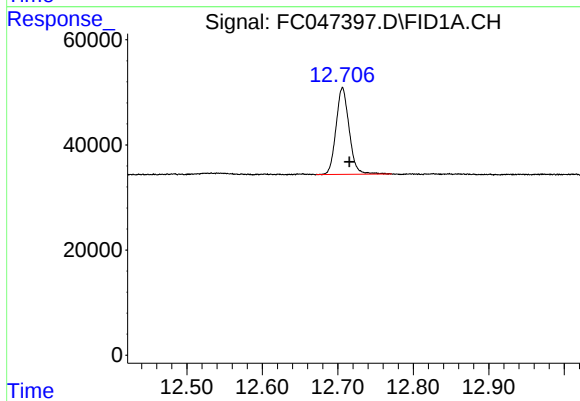
#8 n-Octadecane (C18)

R.T.: 11.408 min
Delta R.T.: -0.007 min
Response: 187829
Conc: 1.68 ug/ml



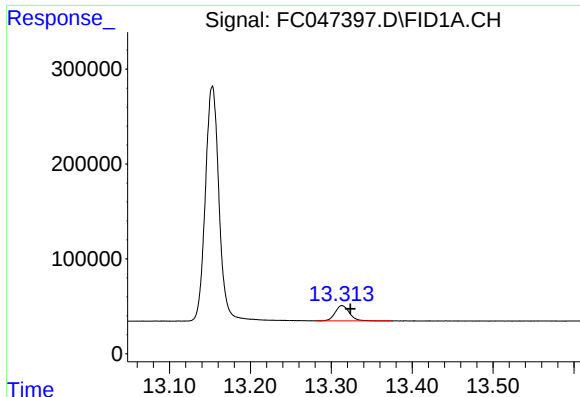
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.706 min
Delta R.T.: -0.009 min
Response: 199112
Conc: 1.75 ug/ml



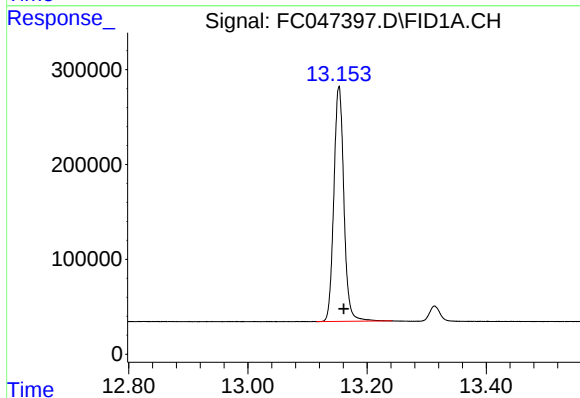
#11 n-Heneicosane (C21)

R.T.: 13.314 min
Delta R.T.: -0.010 min
Response: 196175
Conc: 1.73 ug/ml

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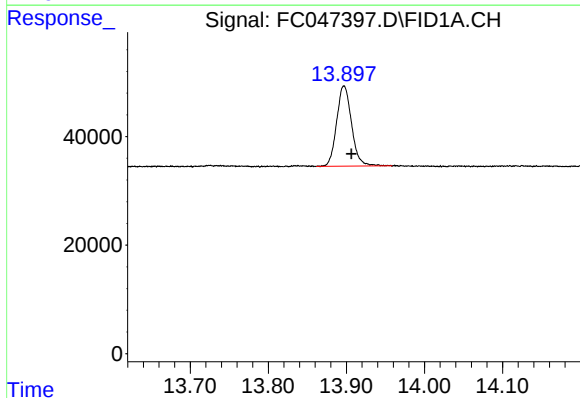
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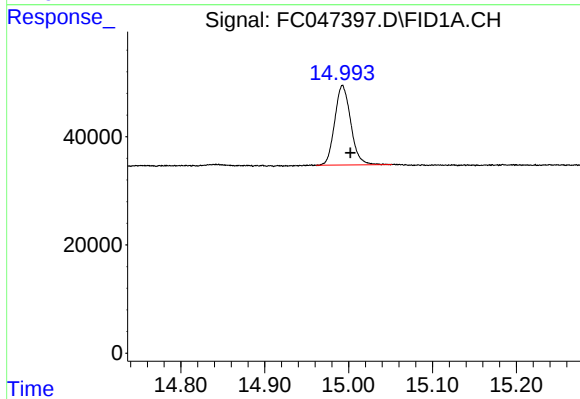
#12 1-chlorooctadecane (SURR)

R.T.: 13.153 min
Delta R.T.: -0.008 min
Response: 2898706
Conc: 29.55 ug/ml



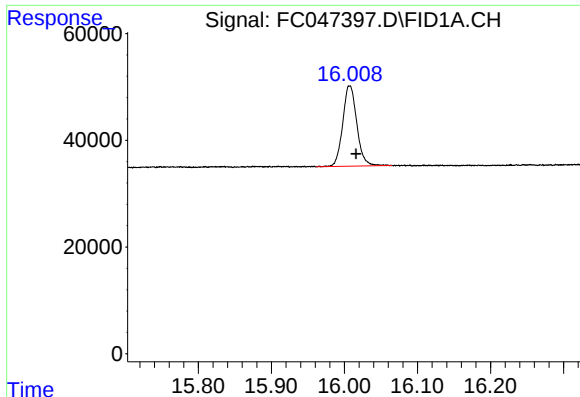
#13 n-Docosane (C22)

R.T.: 13.897 min
Delta R.T.: -0.009 min
Response: 196181
Conc: 1.73 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.993 min
Delta R.T.: -0.009 min
Response: 195305
Conc: 1.73 ug/ml



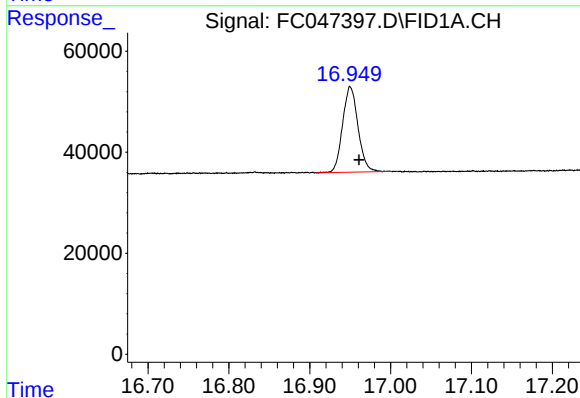
#15 n-Hexacosane (C26)

R.T.: 16.007 min
Delta R.T.: -0.009 min
Response: 202543
Conc: 1.81 ug/ml

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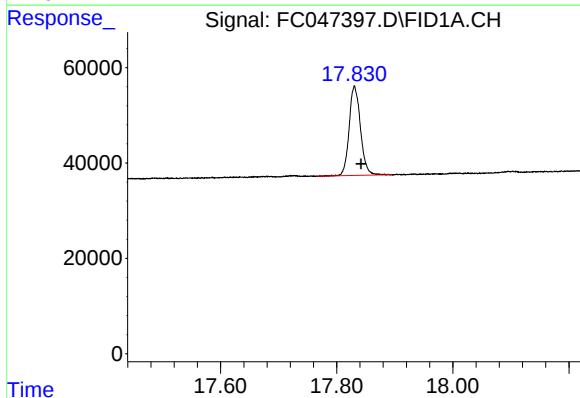
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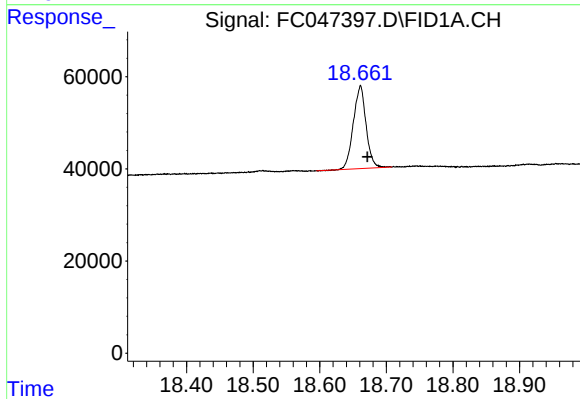
#16 n-Octacosane (C28)

R.T.: 16.950 min
Delta R.T.: -0.011 min
Response: 225173
Conc: 2.02 ug/ml



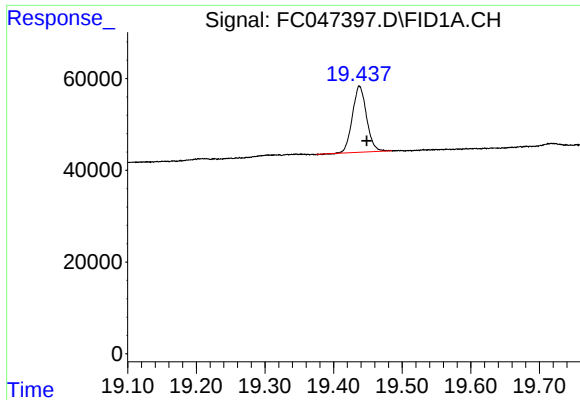
#17 n-Tricontane (C30)

R.T.: 17.831 min
Delta R.T.: -0.011 min
Response: 252794
Conc: 2.34 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.661 min
Delta R.T.: -0.011 min
Response: 237819
Conc: 2.41 ug/ml



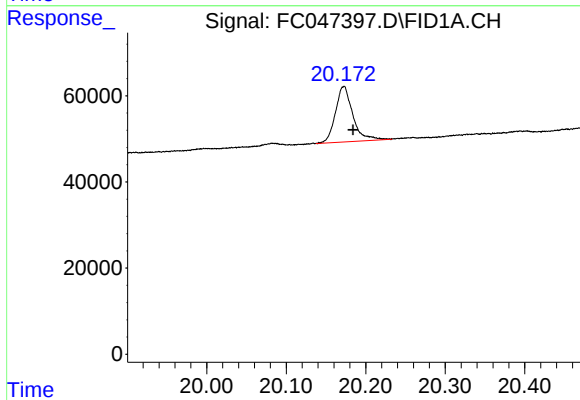
#19 n-Tetratriacontane (C34)

R.T.: 19.438 min
Delta R.T.: -0.010 min
Response: 206270
Conc: 2.25 ug/ml

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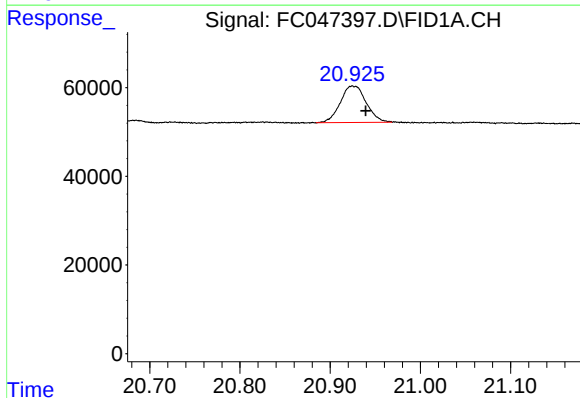
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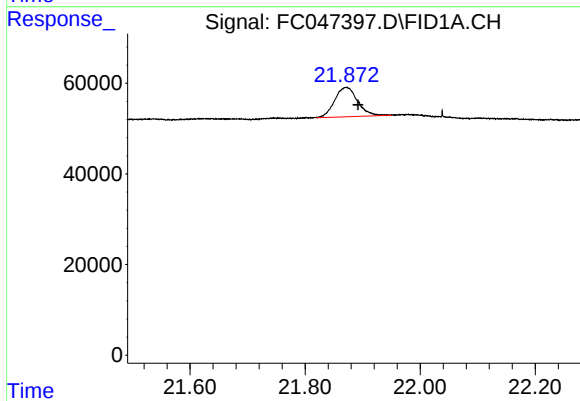
#20 n-Hexatriacontane (C36)

R.T.: 20.172 min
Delta R.T.: -0.012 min
Response: 195679
Conc: 2.26 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.925 min
Delta R.T.: -0.015 min
Response: 164262
Conc: 2.04 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.872 min
Delta R.T.: -0.020 min
Response: 180622
Conc: 2.22 ug/ml m