

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051320AL\
 Data File : FC047399.D
 Signal(s) : FID1A.CH
 Acq On : 13 May 2020 14:41
 Operator : DD\AJ
 Sample : L2182-02
 Misc : LOQ-5 PPM- SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
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 5/14/2020 2:29:05 PM

Integration File: autoint1.e
 Quant Time: May 14 01:57:31 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...	13.154	3147243	32.088 ug/ml
Spiked Amount 50.000		Recovery =	64.18%
Target Compounds			
1) T n-Nonane (C9)	3.552	322533	3.182 ug/mlm
2) T n-Decane (C10)	4.614	386103	3.778 ug/mlm
4) T n-Dodecane (C12)	6.613	473778	4.485 ug/mlm
6) T n-Tetradecane (C14)	8.391	461113	4.359 ug/mlm
7) T n-Hexadecane (C16)	9.977	454336	4.294 ug/ml
8) T n-Octadecane (C18)	11.407	500618	4.471 ug/ml
10) T n-Eicosane (C20)	12.707	520073	4.571 ug/ml
11) T n-Heneicosane (C21)	13.315	516112	4.540 ug/ml
13) T n-Docosane (C22)	13.897	516006	4.541 ug/ml
14) T n-Tetracosane (C24)	14.993	517930	4.578 ug/ml
15) T n-Hexacosane (C26)	16.007	504993	4.509 ug/ml
16) T n-Octacosane (C28)	16.951	512519	4.595 ug/ml
17) T n-Tricontane (C30)	17.832	519566	4.805 ug/ml
18) T n-Dotriacontane (C32)	18.660	497904	5.049 ug/ml
19) T n-Tetratriacontane (C34)	19.439	466076	5.081 ug/ml
20) T n-Hexatriacontane (C36)	20.173	449067	5.178 ug/ml
21) T n-Octatriacontane (C38)	20.927	403626	5.002 ug/ml
22) T n-Tetracontane (C40)	21.870	433567	5.332 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : L2182-02
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ALS Vial : 7 Sample Multiplier: 1

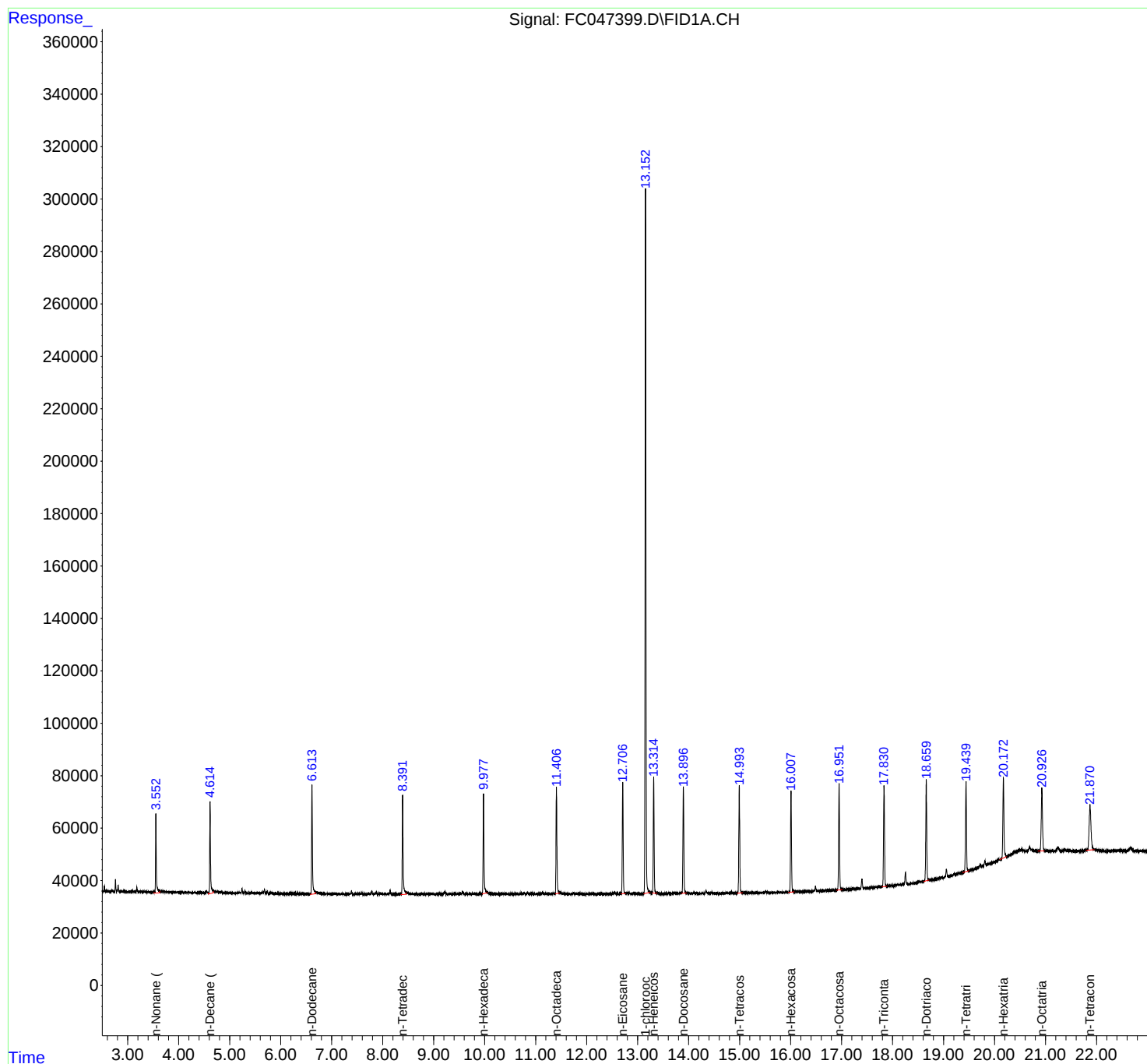
Instrument :
FID_C
ClientSampleId :
LOQ-SOIL-02-QT2-2020

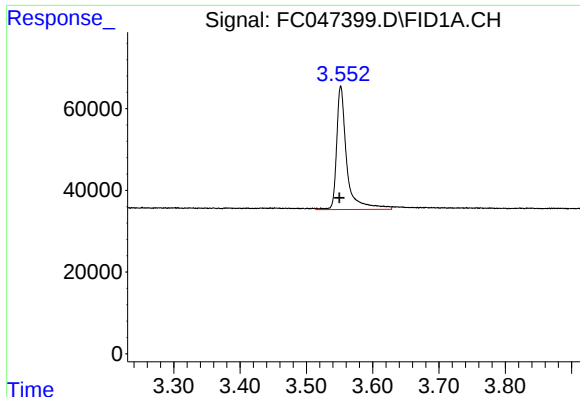
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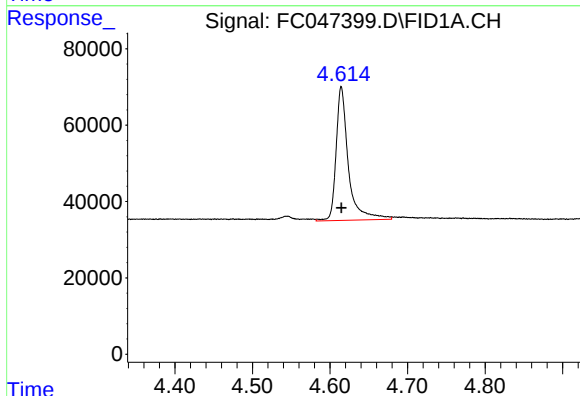
#1 n-Nonane (C9)

R.T.: 3.552 min
Delta R.T.: 0.002 min
Response: 322533
Conc: 3.18 ug/ml m

Instrument :
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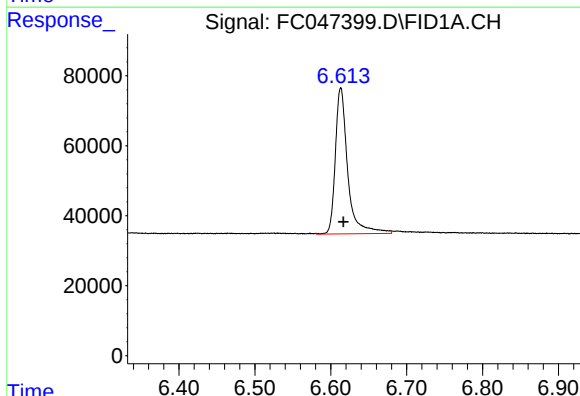
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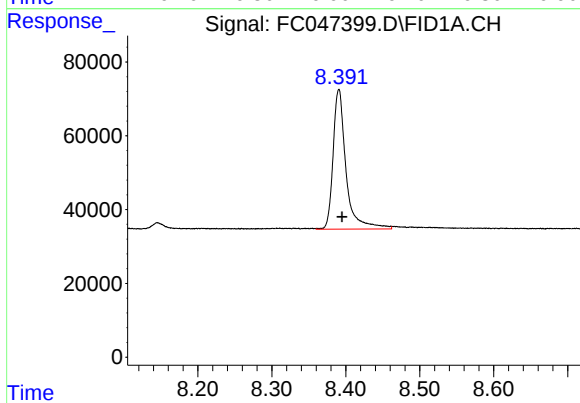
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 386103
Conc: 3.78 ug/ml m



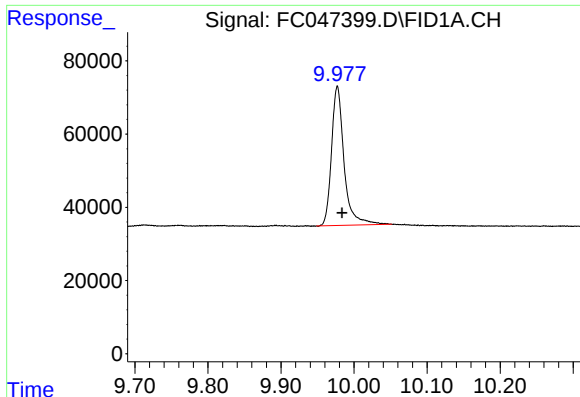
#4 n-Dodecane (C12)

R.T.: 6.613 min
Delta R.T.: -0.003 min
Response: 473778
Conc: 4.49 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.391 min
Delta R.T.: -0.005 min
Response: 461113
Conc: 4.36 ug/ml m



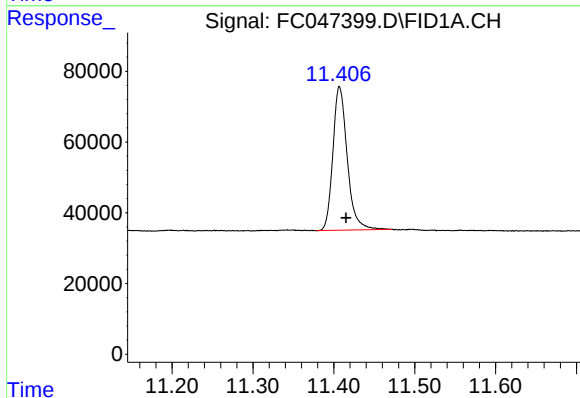
#7 n-Hexadecane (C16)

R.T.: 9.977 min
Delta R.T.: -0.006 min
Response: 454336
Conc: 4.29 ug/ml

Instrument :
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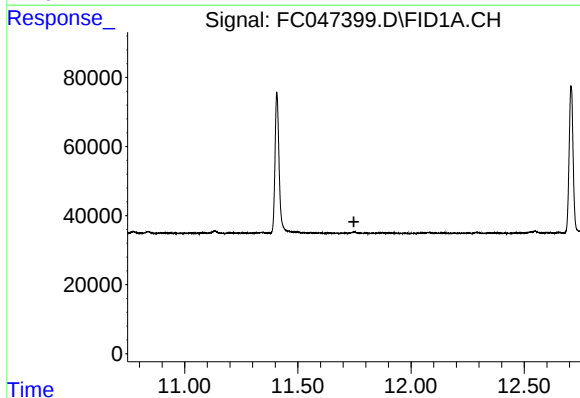
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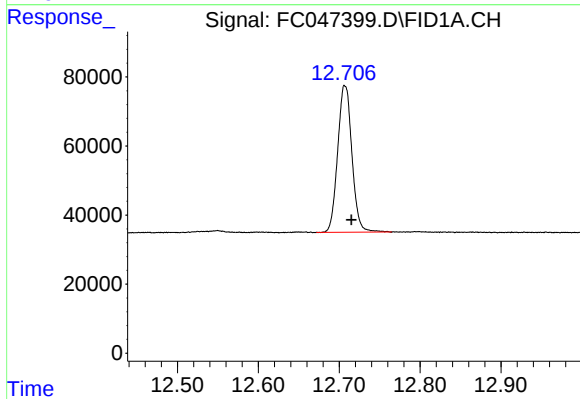
#8 n-Octadecane (C18)

R.T.: 11.407 min
Delta R.T.: -0.008 min
Response: 500618
Conc: 4.47 ug/ml



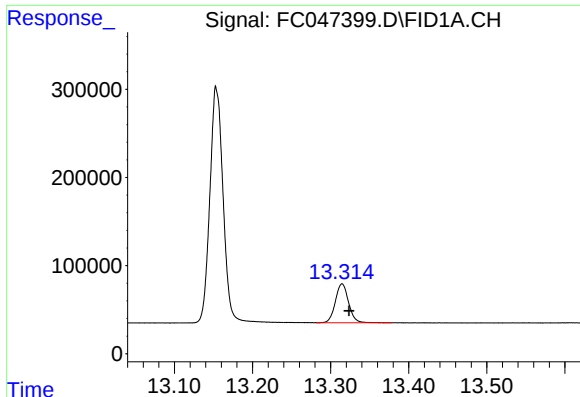
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.707 min
Delta R.T.: -0.008 min
Response: 520073
Conc: 4.57 ug/ml



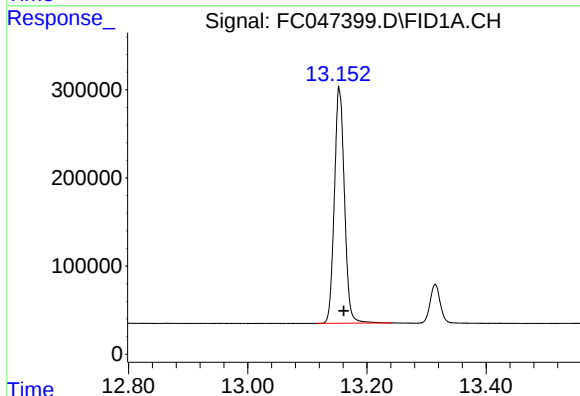
#11 n-Heneicosane (C21)

R.T.: 13.315 min
Delta R.T.: -0.009 min
Response: 516112
Conc: 4.54 ug/ml

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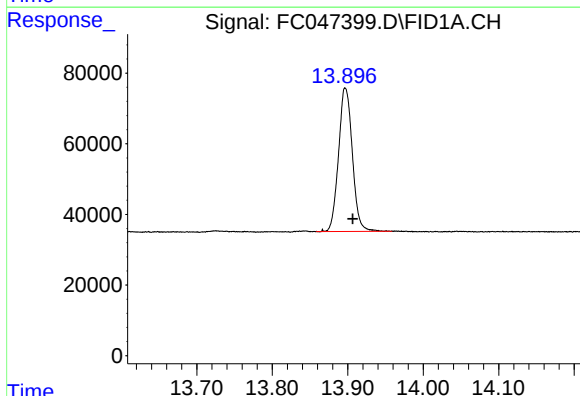
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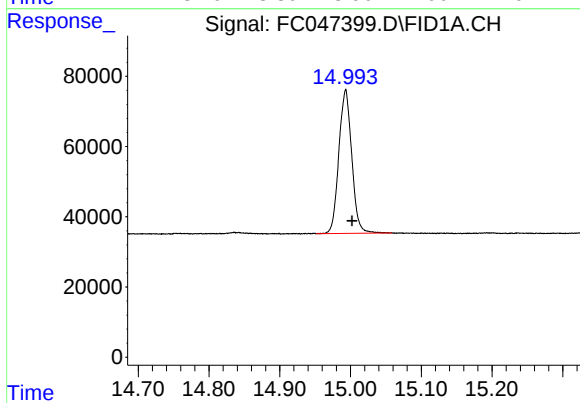
#12 1-chlorooctadecane (SURR)

R.T.: 13.154 min
Delta R.T.: -0.007 min
Response: 3147243
Conc: 32.09 ug/ml



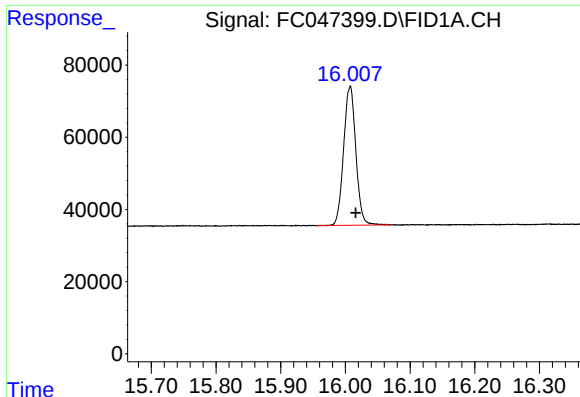
#13 n-Docosane (C22)

R.T.: 13.897 min
Delta R.T.: -0.009 min
Response: 516006
Conc: 4.54 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.993 min
Delta R.T.: -0.009 min
Response: 517930
Conc: 4.58 ug/ml



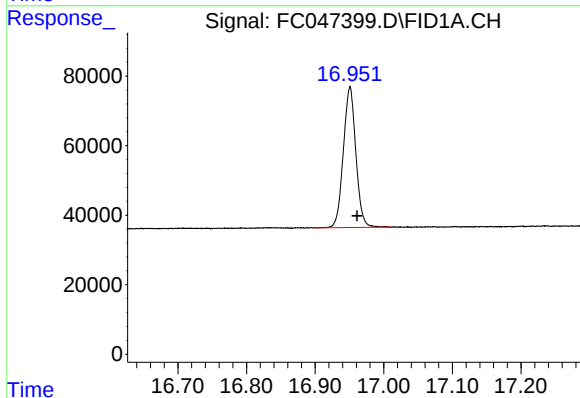
#15 n-Hexacosane (C26)

R.T.: 16.007 min
Delta R.T.: -0.009 min
Response: 504993
Conc: 4.51 ug/ml

Instrument :
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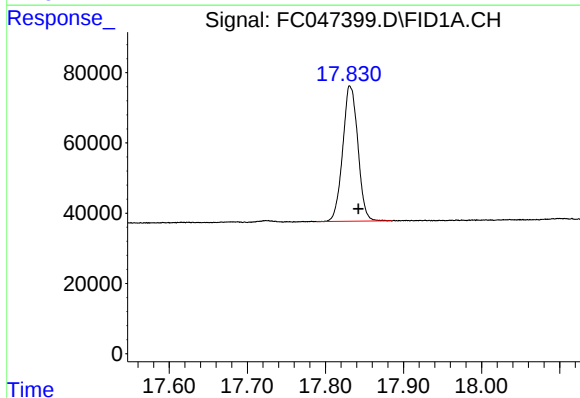
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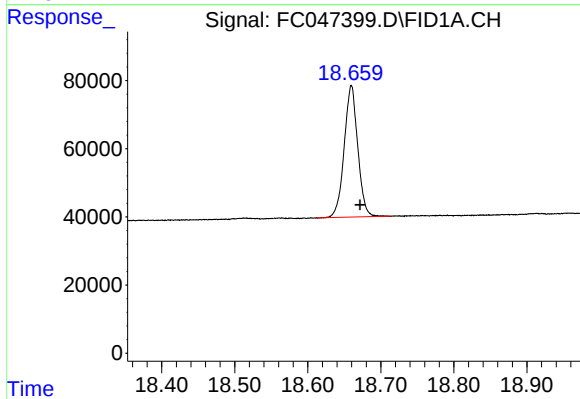
#16 n-Octacosane (C28)

R.T.: 16.951 min
Delta R.T.: -0.010 min
Response: 512519
Conc: 4.60 ug/ml



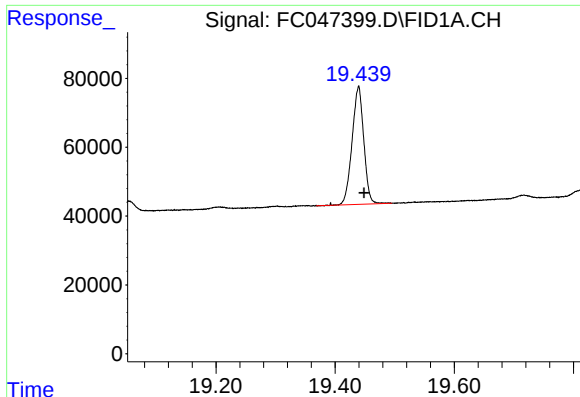
#17 n-Tricontane (C30)

R.T.: 17.832 min
Delta R.T.: -0.010 min
Response: 519566
Conc: 4.81 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.660 min
Delta R.T.: -0.012 min
Response: 497904
Conc: 5.05 ug/ml



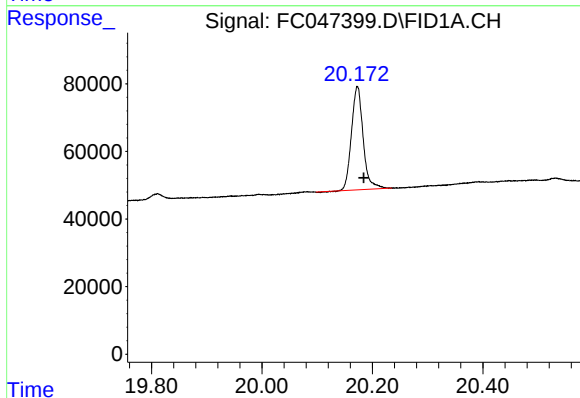
#19 n-Tetratriacontane (C34)

R.T.: 19.439 min
Delta R.T.: -0.009 min
Response: 466076
Conc: 5.08 ug/ml

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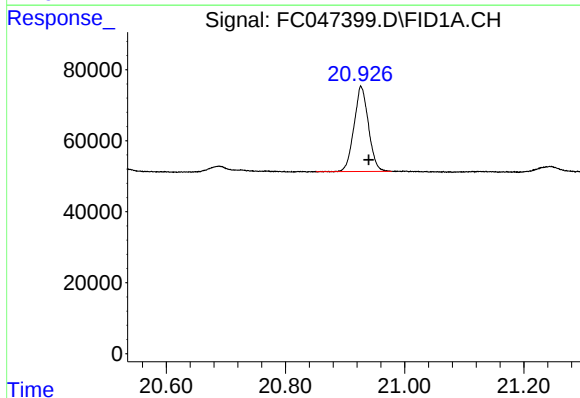
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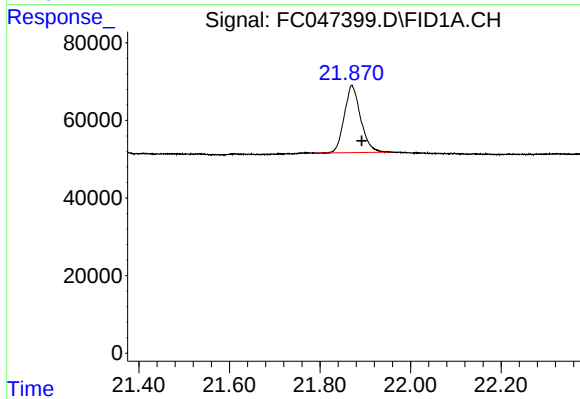
#20 n-Hexatriacontane (C36)

R.T.: 20.173 min
Delta R.T.: -0.011 min
Response: 449067
Conc: 5.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.927 min
Delta R.T.: -0.012 min
Response: 403626
Conc: 5.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.870 min
Delta R.T.: -0.022 min
Response: 433567
Conc: 5.33 ug/ml