

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051320AL\
 Data File : FC047398.D
 Signal(s) : FID1A.CH
 Acq On : 13 May 2020 14:04
 Operator : DD\AJ
 Sample : L2182-01
 Misc : LOD-4 PPM- SOIL
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
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 5/14/2020 2:29:03 PM

Integration File: autoint1.e
 Quant Time: May 14 01:57:21 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			
9) S ortho-Terphenyl (SURR)	11.742	4395426	36.769 ug/ml
Spiked Amount 50.000		Recovery =	73.54%
12) S 1-chlorooctadecane (S...	13.155	2881686	29.380 ug/ml
Spiked Amount 50.000		Recovery =	58.76%
Target Compounds			
1) T n-Nonane (C9)	3.551	49407	0.487 ug/mlm
2) T n-Decane (C10)	4.617	39226	0.384 ug/mlm
3) T A~Naphthalene (C11.7)	6.234	235557	2.262 ug/mlm
4) T n-Dodecane (C12)	6.617	71945	0.681 ug/mlm
5) T A~2-methylnaphthalene...	7.277	150937	1.437 ug/mlm
6) T n-Tetradecane (C14)	8.391	60997	0.577 ug/mlm
7) T n-Hexadecane (C16)	9.978	63046	0.596 ug/mlm
8) T n-Octadecane (C18)	11.407	78929	0.705 ug/mlm
10) T n-Eicosane (C20)	12.707	70617	0.621 ug/mlm
11) T n-Heneicosane (C21)	13.316	66255	0.583 ug/mlm
13) T n-Docosane (C22)	13.897	63483	0.559 ug/mlm
14) T n-Tetracosane (C24)	15.018	162232	1.434 ug/mlm
15) T n-Hexacosane (C26)	16.006	68300	0.610 ug/mlm
16) T n-Octacosane (C28)	16.974	188518	1.690 ug/mlm
17) T n-Tricontane (C30)	17.832	84626	0.783 ug/mlm
18) T n-Dotriacontane (C32)	18.657	109165	1.107 ug/mlm
19) T n-Tetratriacontane (C34)	19.439	100232	1.093 ug/mlm
20) T n-Hexatriacontane (C36)	20.172	64884	0.748 ug/mlm
21) T n-Octatriacontane (C38)	20.927	58147	0.721 ug/mlm
22) T n-Tetracontane (C40)	21.873	55911	0.688 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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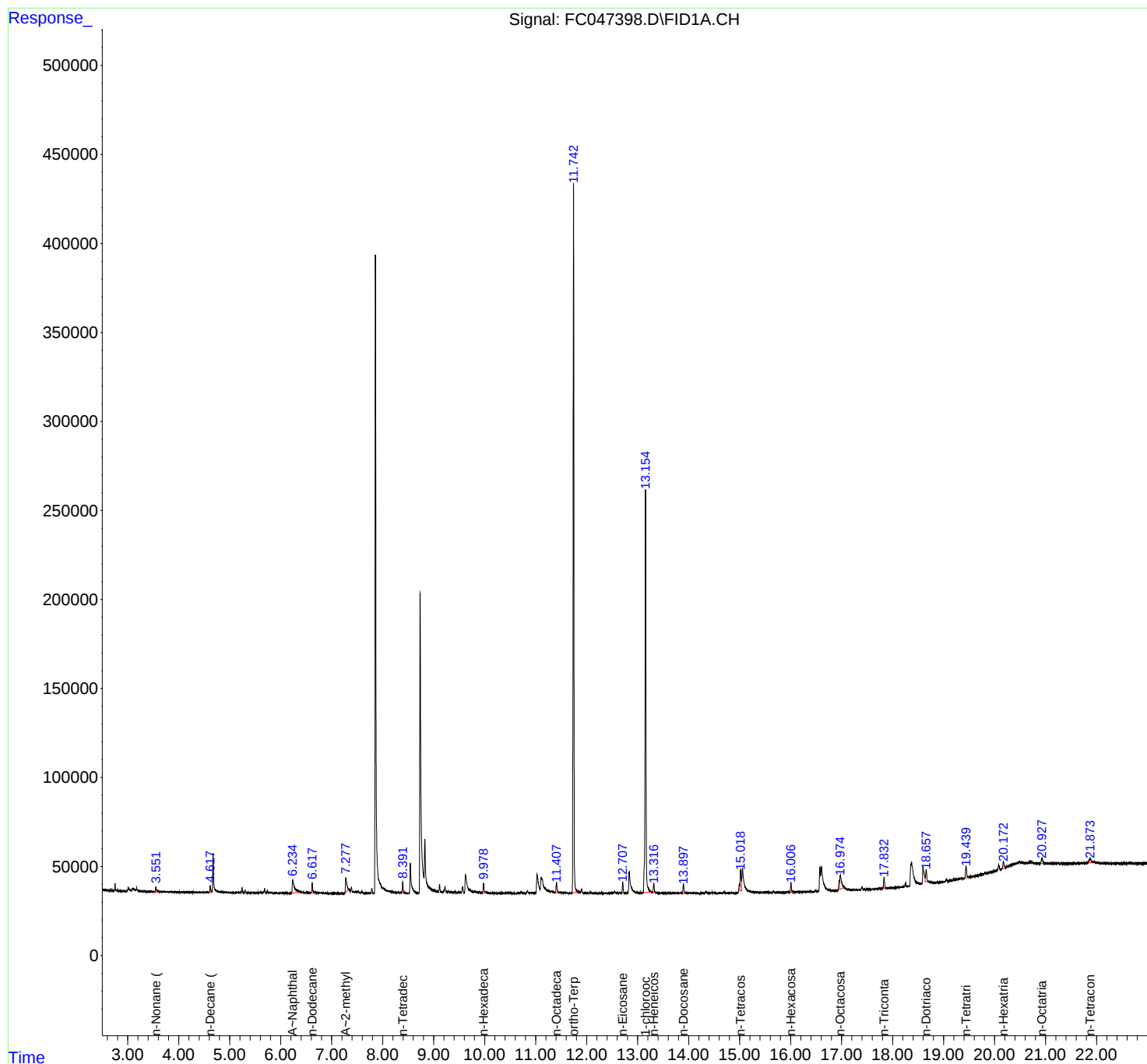
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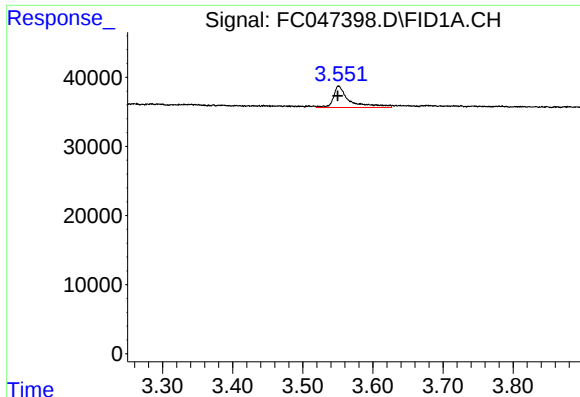
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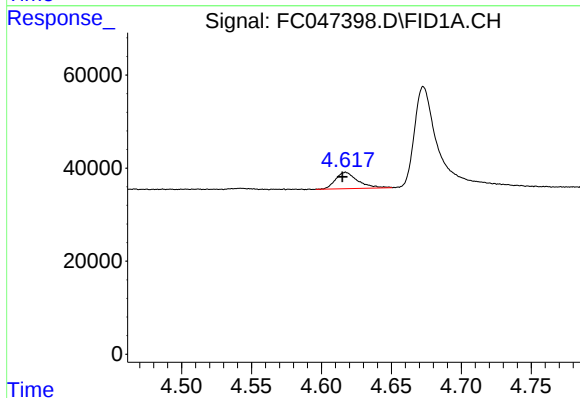
#1 n-Nonane (C9)

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 49407
Conc: 0.49 ug/ml m

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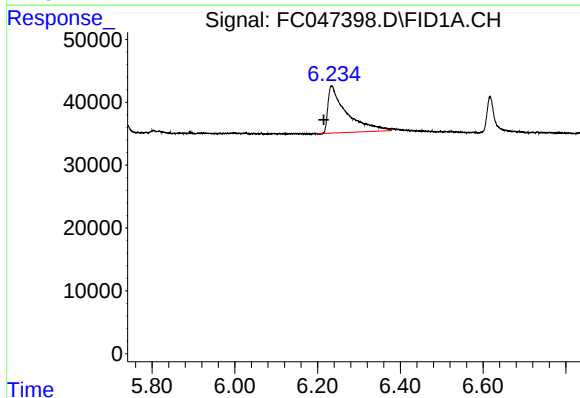
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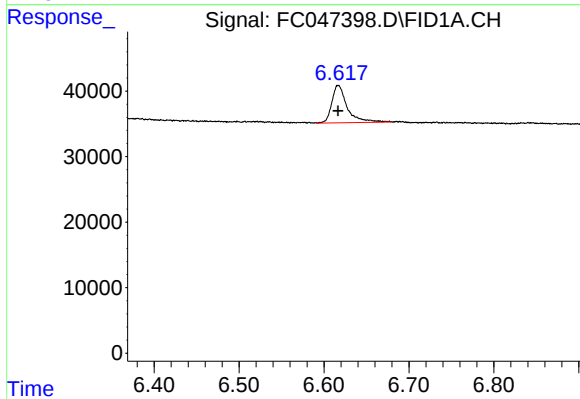
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: 0.002 min
Response: 39226
Conc: 0.38 ug/ml m



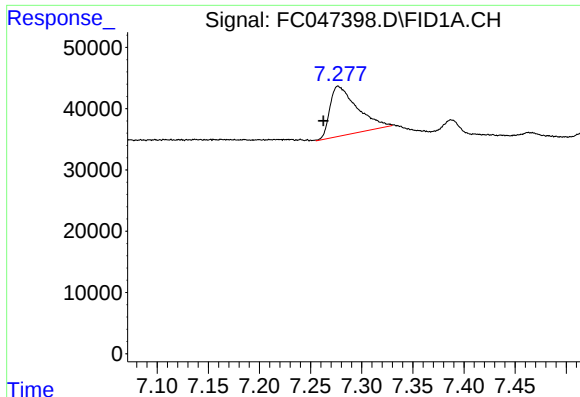
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: 0.019 min
Response: 235557
Conc: 2.26 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 71945
Conc: 0.68 ug/ml m



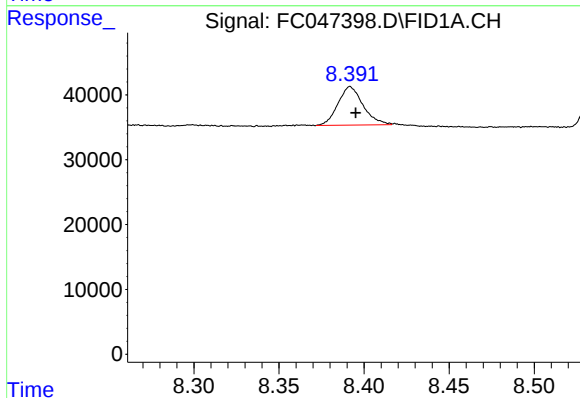
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.277 min
Delta R.T.: 0.014 min
Response: 150937
Conc: 1.44 ug/ml m

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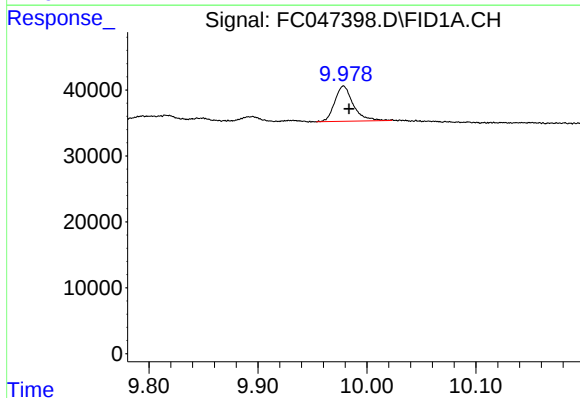
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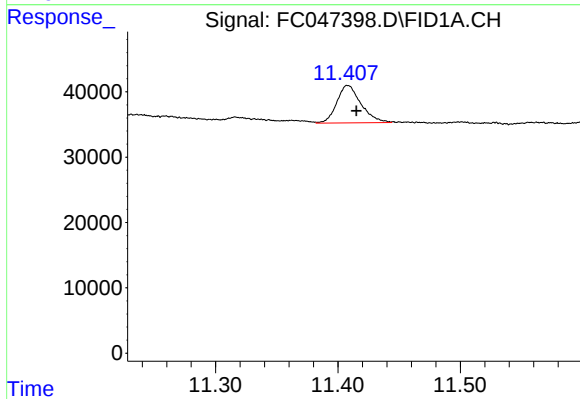
#6 n-Tetradecane (C14)

R.T.: 8.391 min
Delta R.T.: -0.004 min
Response: 60997
Conc: 0.58 ug/ml m



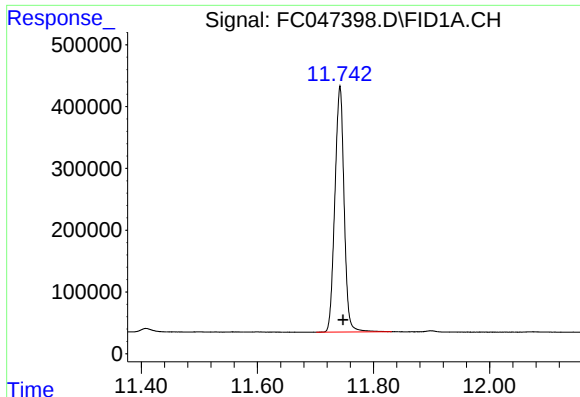
#7 n-Hexadecane (C16)

R.T.: 9.978 min
Delta R.T.: -0.005 min
Response: 63046
Conc: 0.60 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.407 min
Delta R.T.: -0.008 min
Response: 78929
Conc: 0.70 ug/ml m



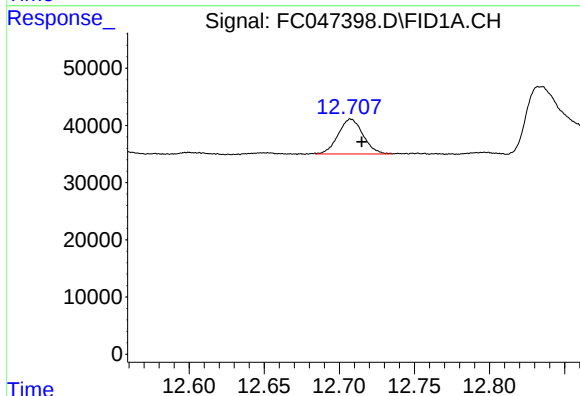
#9 ortho-Terphenyl (SURR)

R.T.: 11.742 min
Delta R.T.: -0.006 min
Response: 4395426
Conc: 36.77 ug/ml

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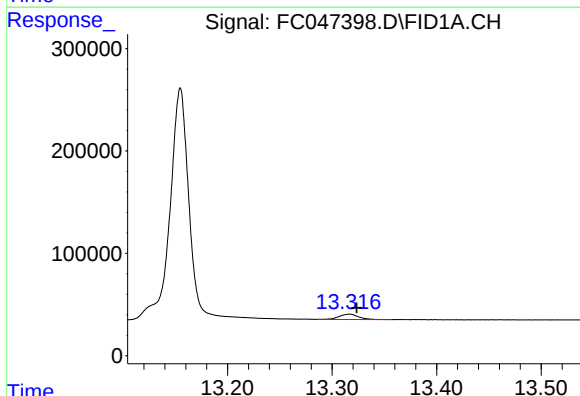
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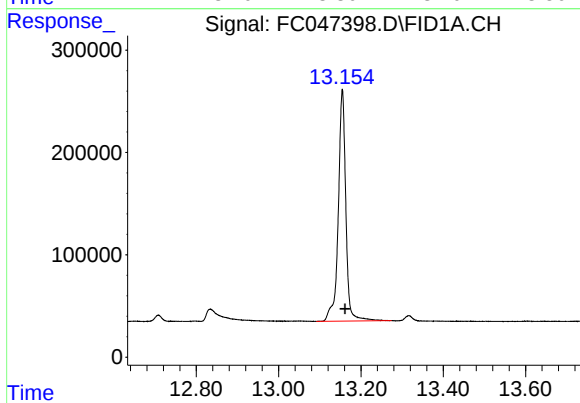
#10 n-Eicosane (C20)

R.T.: 12.707 min
Delta R.T.: -0.008 min
Response: 70617
Conc: 0.62 ug/ml m



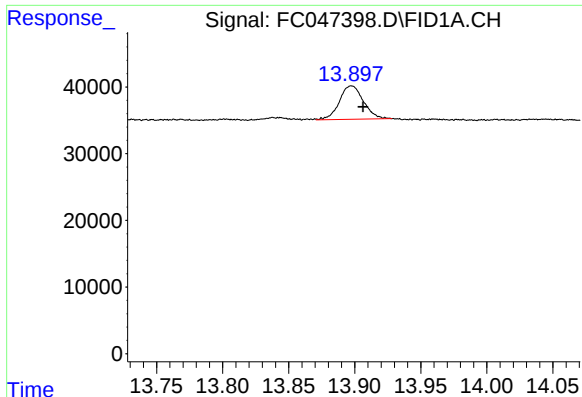
#11 n-Heneicosane (C21)

R.T.: 13.316 min
Delta R.T.: -0.008 min
Response: 66255
Conc: 0.58 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.155 min
Delta R.T.: -0.006 min
Response: 2881686
Conc: 29.38 ug/ml



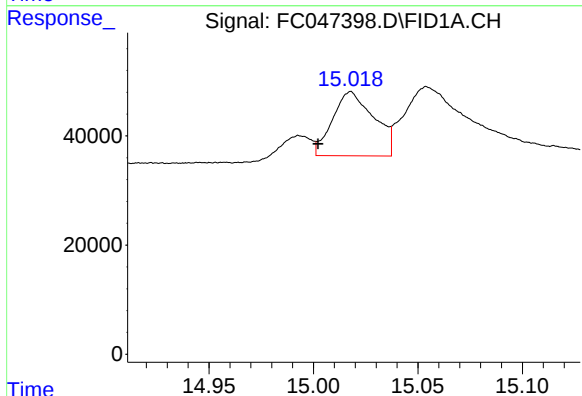
#13 n-Docosane (C22)

R.T.: 13.897 min
Delta R.T.: -0.009 min
Response: 63483
Conc: 0.56 ug/ml m

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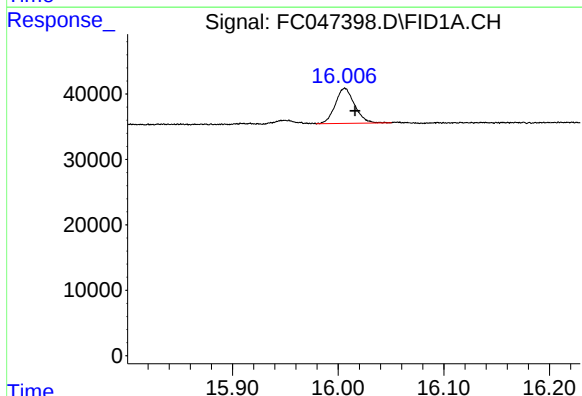
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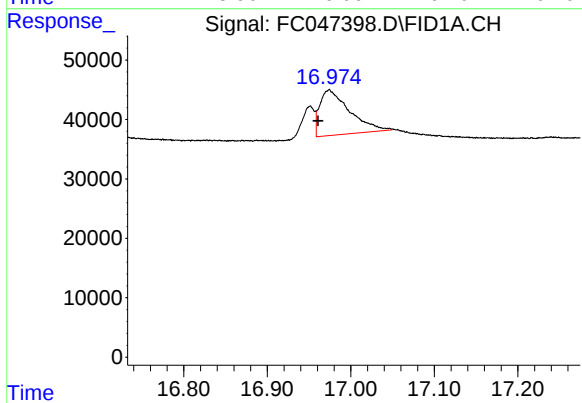
#14 n-Tetracosane (C24)

R.T.: 15.018 min
Delta R.T.: 0.016 min
Response: 162232
Conc: 1.43 ug/ml m



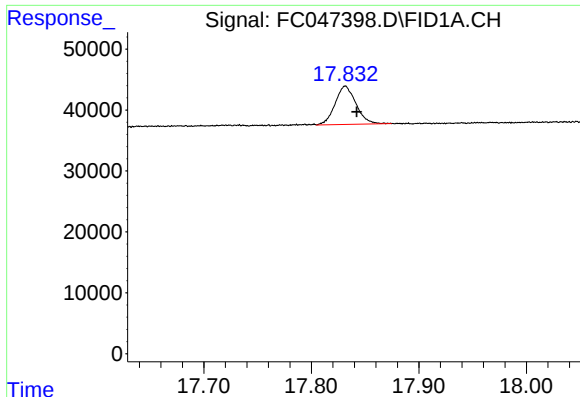
#15 n-Hexacosane (C26)

R.T.: 16.006 min
Delta R.T.: -0.010 min
Response: 68300
Conc: 0.61 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.974 min
Delta R.T.: 0.013 min
Response: 188518
Conc: 1.69 ug/ml m



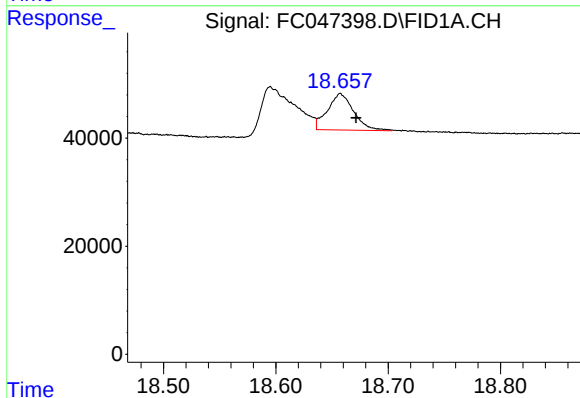
#17 n-Tricontane (C30)

R.T.: 17.832 min
Delta R.T.: -0.010 min
Response: 84626
Conc: 0.78 ug/ml m

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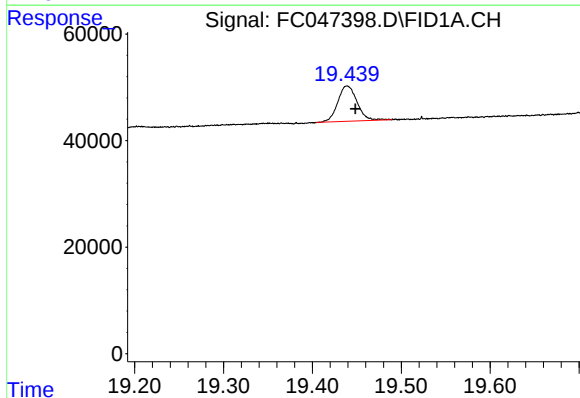
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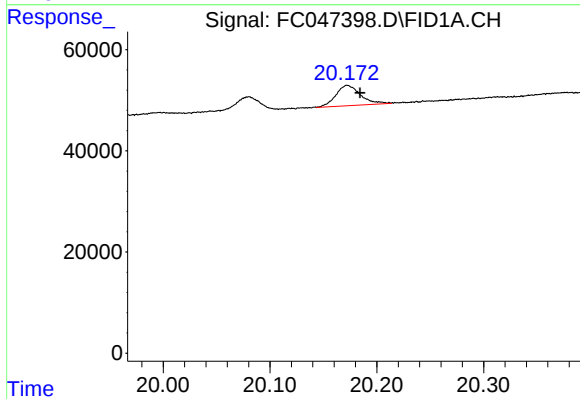
#18 n-Dotriacontane (C32)

R.T.: 18.657 min
Delta R.T.: -0.014 min
Response: 109165
Conc: 1.11 ug/ml m



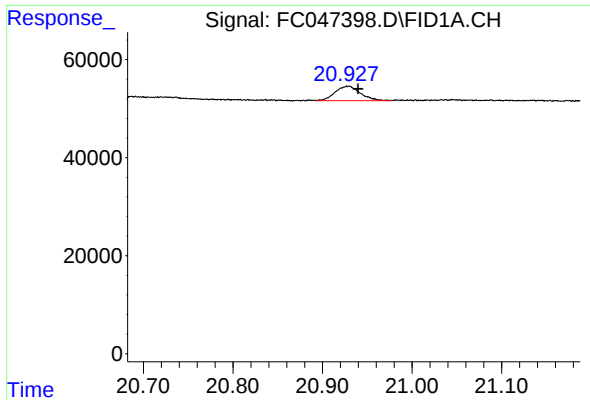
#19 n-Tetratriacontane (C34)

R.T.: 19.439 min
Delta R.T.: -0.009 min
Response: 100232
Conc: 1.09 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.172 min
Delta R.T.: -0.012 min
Response: 64884
Conc: 0.75 ug/ml m



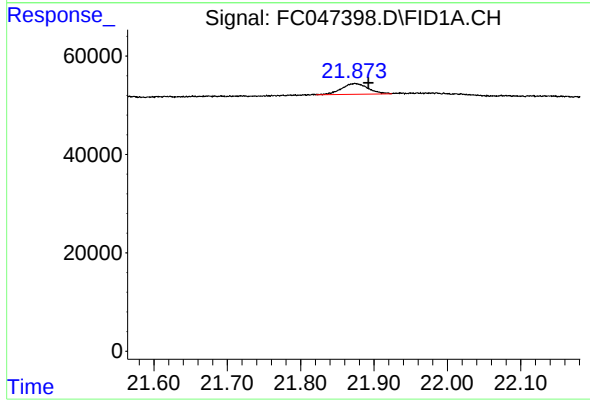
#21 n-Octatriacontane (C38)

R.T.: 20.927 min
Delta R.T.: -0.013 min
Response: 58147
Conc: 0.72 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.873 min
Delta R.T.: -0.019 min
Response: 55911
Conc: 0.69 ug/ml m