

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051120AL\
 Data File : FC047352.D
 Signal(s) : FID1A.CH
 Acq On : 11 May 2020 22:25
 Operator : DD\AJ
 Sample : L2182-01
 Misc : LOD-4 PPM- SOIL
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
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 5/12/2020 4:36:32 PM

Integration File: autoint1.e
 Quant Time: May 12 02:01:26 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	1630382	16.623 ug/ml
Spiked Amount 50.000		Recovery =	33.25%
Target Compounds			
1) T n-Nonane (C9)	3.558	159052	1.569 ug/mlm
2) T n-Decane (C10)	4.621	207703	2.033 ug/mlm
4) T n-Dodecane (C12)	6.619	291071	2.756 ug/mlm
6) T n-Tetradecane (C14)	8.404	259136	2.450 ug/mlm
7) T n-Hexadecane (C16)	9.989	243216	2.299 ug/ml
8) T n-Octadecane (C18)	11.416	281126	2.511 ug/ml
10) T n-Eicosane (C20)	12.712	310771	2.731 ug/ml
11) T n-Heneicosane (C21)	13.318	317207	2.790 ug/ml
13) T n-Docosane (C22)	13.903	317589	2.795 ug/ml
14) T n-Tetracosane (C24)	14.998	329019	2.908 ug/ml
15) T n-Hexacosane (C26)	16.012	335458	2.995 ug/ml
16) T n-Octacosane (C28)	16.956	362494	3.250 ug/ml
17) T n-Tricontane (C30)	17.837	373801	3.457 ug/ml
18) T n-Dotriacontane (C32)	18.664	353848	3.588 ug/ml
19) T n-Tetratriacontane (C34)	19.441	307372	3.351 ug/ml
20) T n-Hexatriacontane (C36)	20.178	326733	3.768 ug/ml
21) T n-Octatriacontane (C38)	20.933	251865	3.122 ug/ml
22) T n-Tetracontane (C40)	21.886	308702	3.796 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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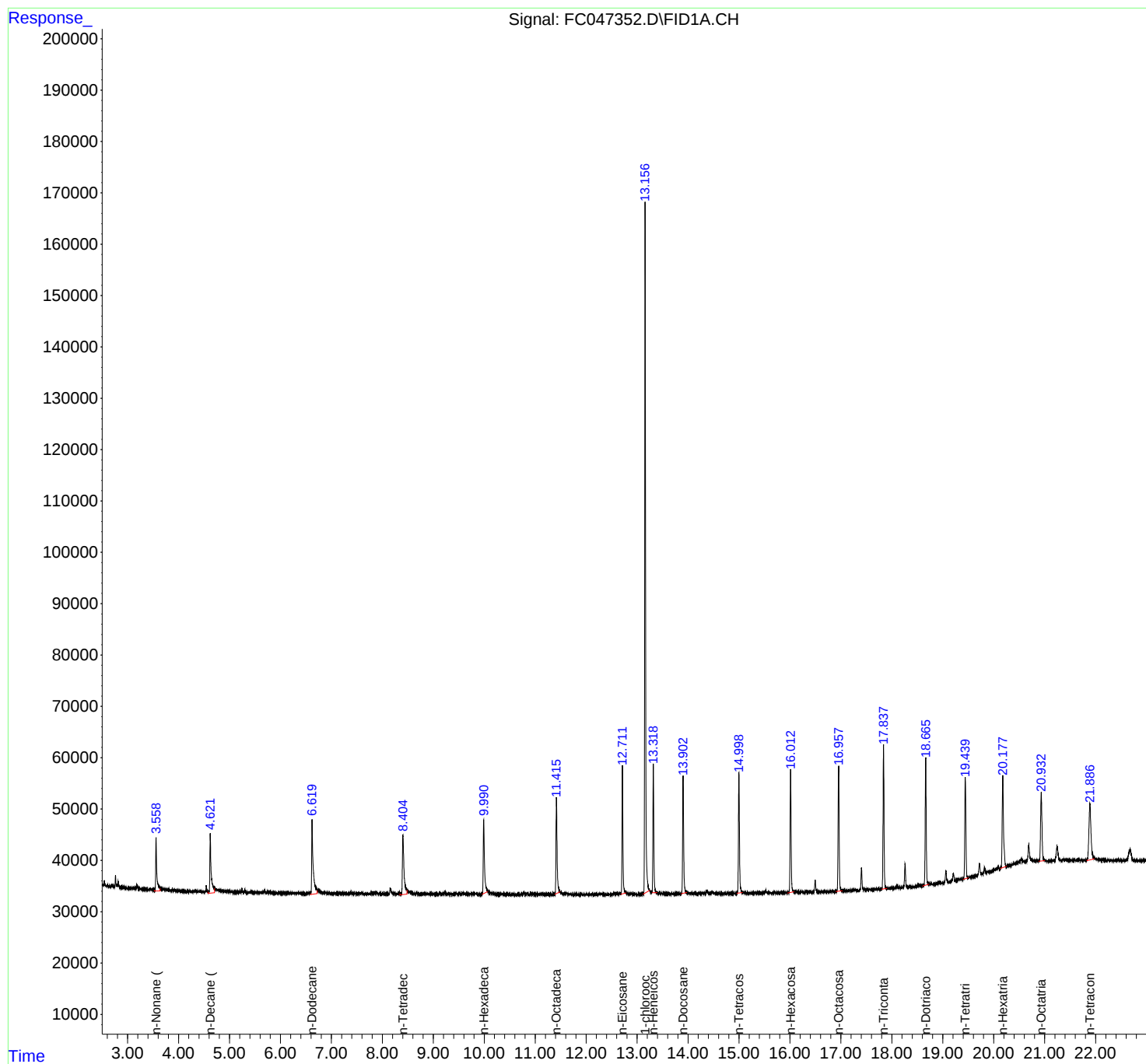
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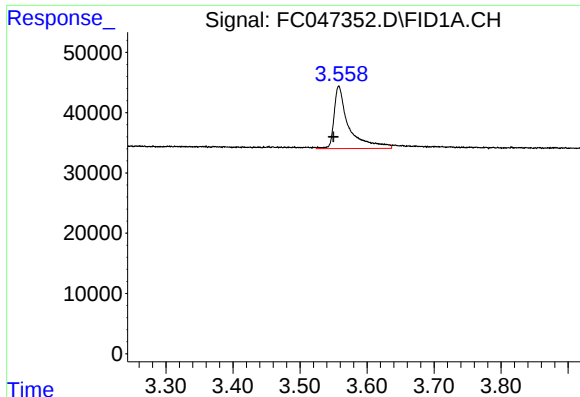
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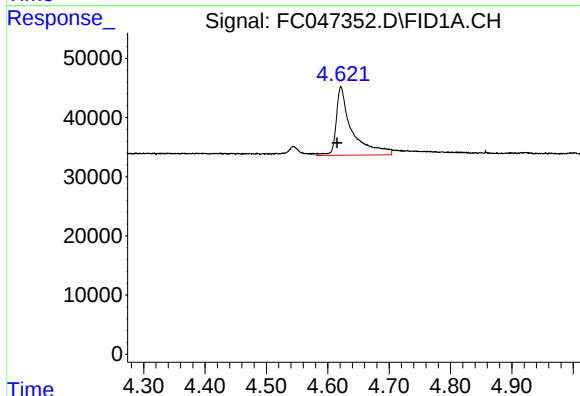
#1 n-Nonane (C9)

R.T.: 3.558 min
Delta R.T.: 0.008 min
Response: 159052
Conc: 1.57 ug/ml m

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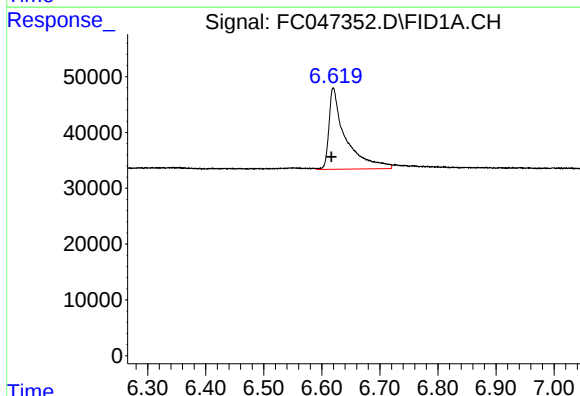
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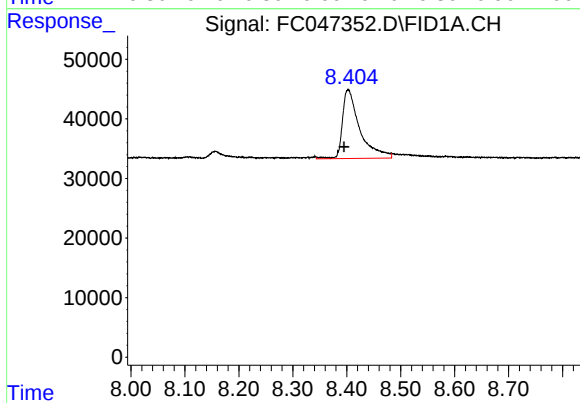
#2 n-Decane (C10)

R.T.: 4.621 min
Delta R.T.: 0.006 min
Response: 207703
Conc: 2.03 ug/ml m



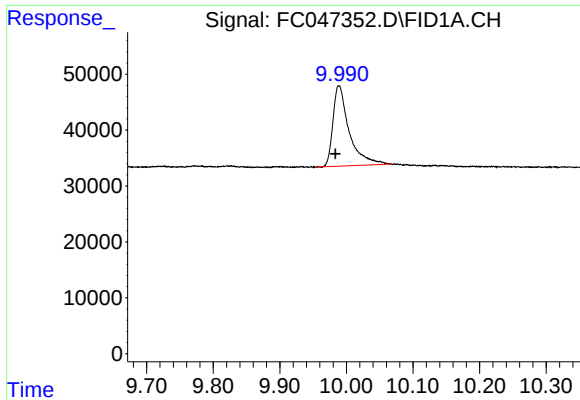
#4 n-Dodecane (C12)

R.T.: 6.619 min
Delta R.T.: 0.003 min
Response: 291071
Conc: 2.76 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.404 min
Delta R.T.: 0.008 min
Response: 259136
Conc: 2.45 ug/ml m



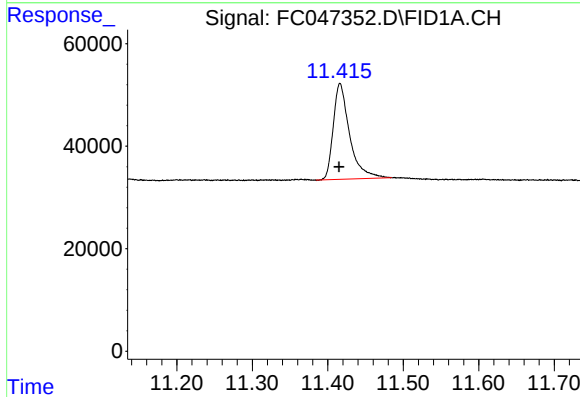
#7 n-Hexadecane (C16)

R.T.: 9.989 min
Delta R.T.: 0.006 min
Response: 243216
Conc: 2.30 ug/ml

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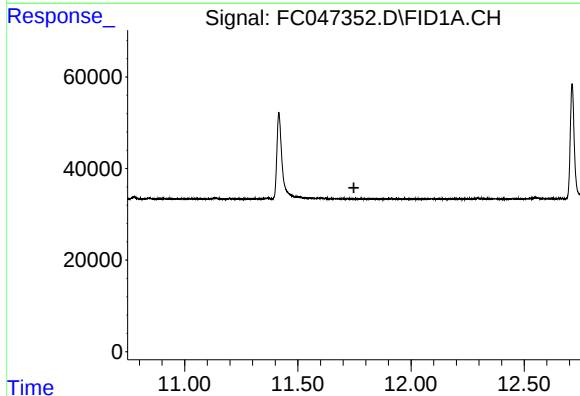
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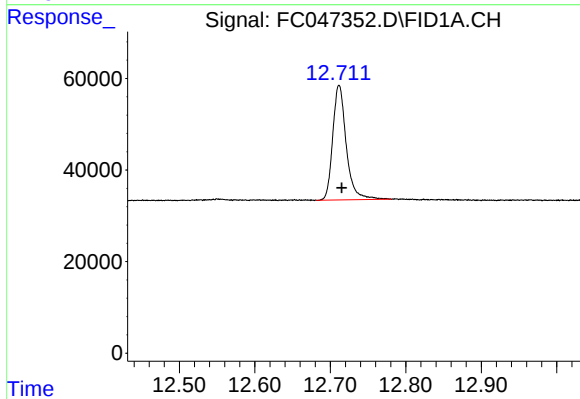
#8 n-Octadecane (C18)

R.T.: 11.416 min
Delta R.T.: 0.001 min
Response: 281126
Conc: 2.51 ug/ml



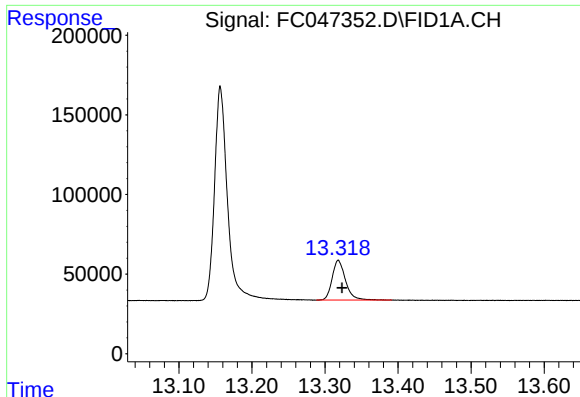
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.712 min
Delta R.T.: -0.003 min
Response: 310771
Conc: 2.73 ug/ml



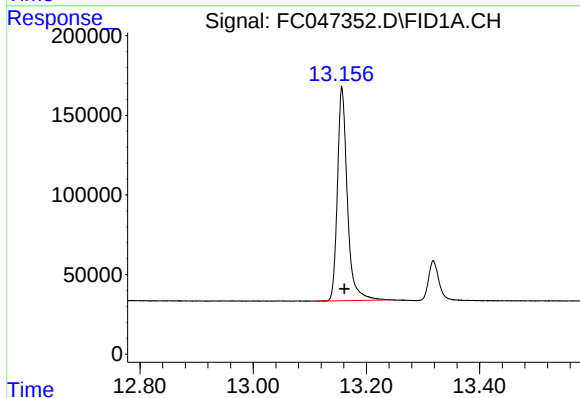
#11 n-Heneicosane (C21)

R.T.: 13.318 min
Delta R.T.: -0.005 min
Response: 317207
Conc: 2.79 ug/ml

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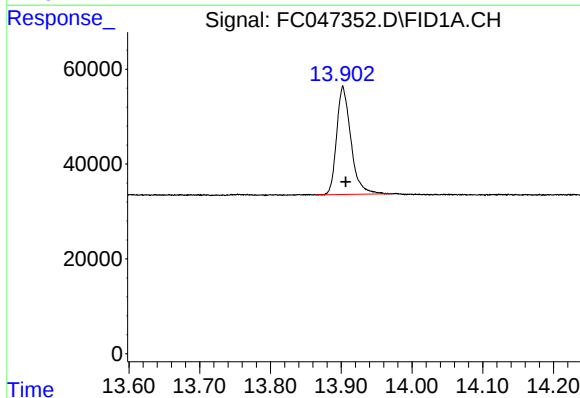
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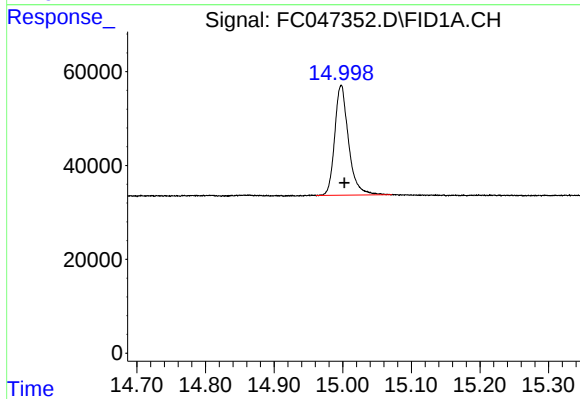
#12 1-chlorooctadecane (SURR)

R.T.: 13.157 min
Delta R.T.: -0.004 min
Response: 1630382
Conc: 16.62 ug/ml



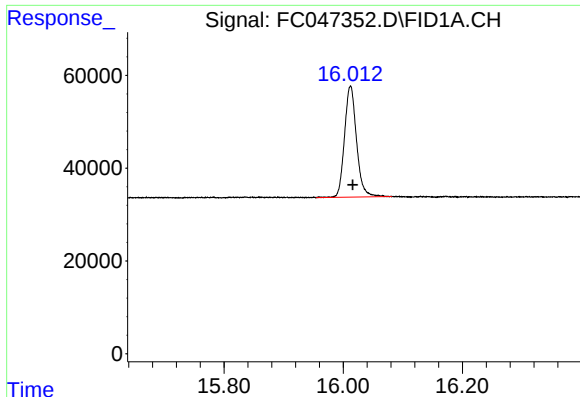
#13 n-Docosane (C22)

R.T.: 13.903 min
Delta R.T.: -0.004 min
Response: 317589
Conc: 2.79 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.998 min
Delta R.T.: -0.005 min
Response: 329019
Conc: 2.91 ug/ml



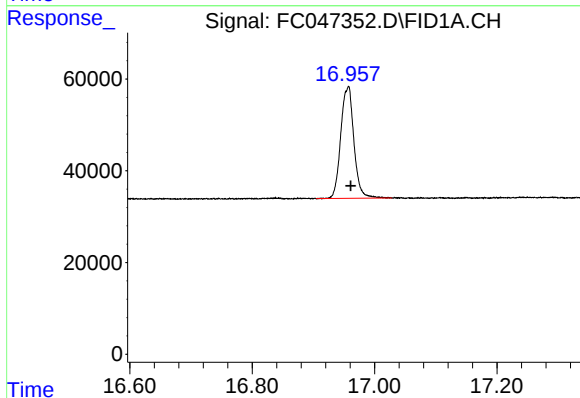
#15 n-Hexacosane (C26)

R.T.: 16.012 min
Delta R.T.: -0.004 min
Response: 335458
Conc: 3.00 ug/ml

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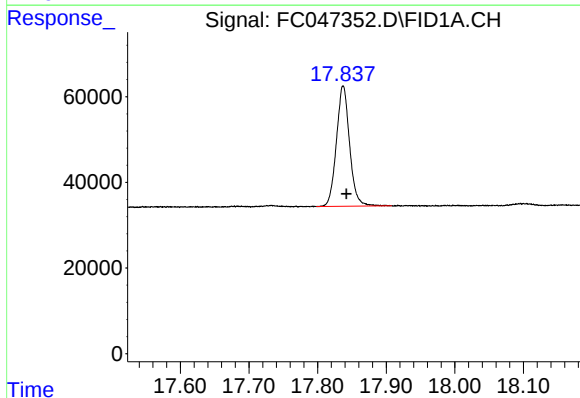
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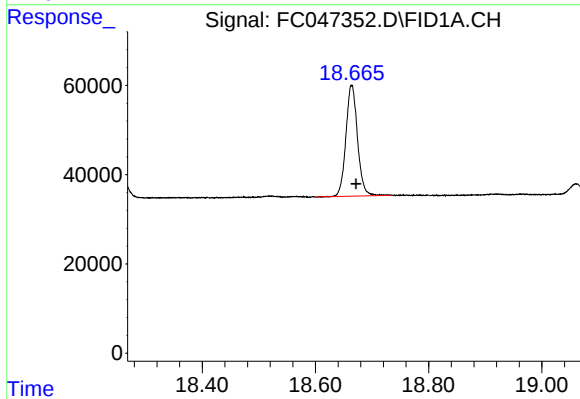
#16 n-Octacosane (C28)

R.T.: 16.956 min
Delta R.T.: -0.005 min
Response: 362494
Conc: 3.25 ug/ml



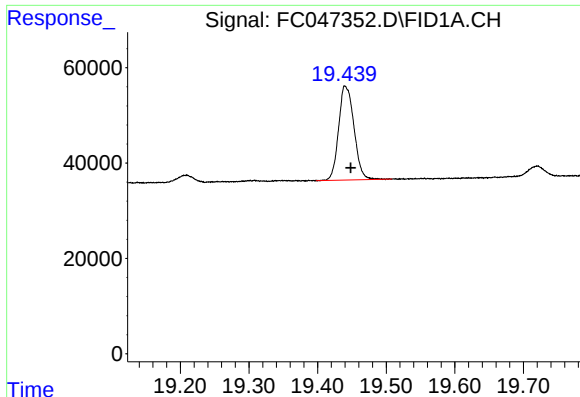
#17 n-Tricontane (C30)

R.T.: 17.837 min
Delta R.T.: -0.005 min
Response: 373801
Conc: 3.46 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.664 min
Delta R.T.: -0.007 min
Response: 353848
Conc: 3.59 ug/ml



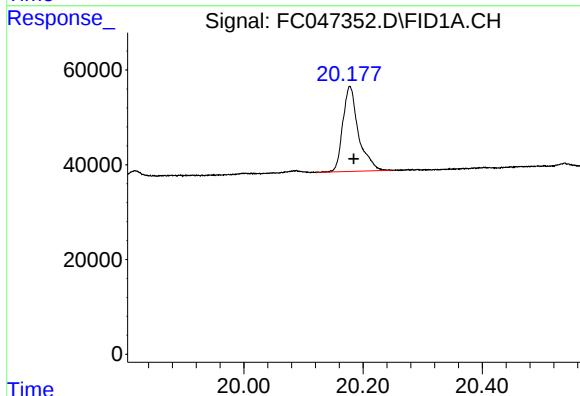
#19 n-Tetratriacontane (C34)

R.T.: 19.441 min
Delta R.T.: -0.007 min
Response: 307372
Conc: 3.35 ug/ml

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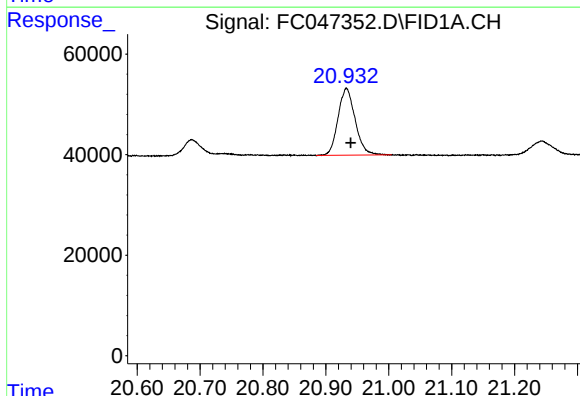
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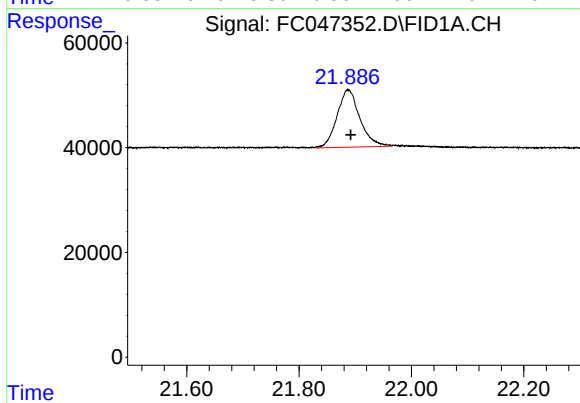
#20 n-Hexatriacontane (C36)

R.T.: 20.178 min
Delta R.T.: -0.006 min
Response: 326733
Conc: 3.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.933 min
Delta R.T.: -0.007 min
Response: 251865
Conc: 3.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.886 min
Delta R.T.: -0.006 min
Response: 308702
Conc: 3.80 ug/ml m