

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC051120AL\  
 Data File : FC047355.D  
 Signal(s) : FID1A.CH  
 Acq On : 12 May 2020 00:13  
 Operator : DD\AJ  
 Sample : L2182-07  
 Misc : LOD-2.5PPM-WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2020

Manual Integrations  
 APPROVED

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 5/12/2020 4:36:33 PM

Integration File: autoint1.e  
 Quant Time: May 12 15:54:49 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 | 2378420    | 24.249 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 48.50%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.559  | 87242      | 0.861 ug/mlm |
| 2) T n-Decane (C10)            | 4.622  | 99447      | 0.973 ug/mlm |
| 4) T n-Dodecane (C12)          | 6.622  | 159489     | 1.510 ug/mlm |
| 6) T n-Tetradecane (C14)       | 8.403  | 179839     | 1.700 ug/mlm |
| 7) T n-Hexadecane (C16)        | 9.990  | 158260     | 1.496 ug/mlm |
| 8) T n-Octadecane (C18)        | 11.418 | 178857     | 1.597 ug/mlm |
| 10) T n-Eicosane (C20)         | 12.712 | 202339     | 1.778 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.319 | 206704     | 1.818 ug/ml  |
| 13) T n-Docosane (C22)         | 13.905 | 203781     | 1.793 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.999 | 209853     | 1.855 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.014 | 217816     | 1.945 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.957 | 240975     | 2.160 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.837 | 252570     | 2.336 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.666 | 226123     | 2.293 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.442 | 194616     | 2.122 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.180 | 179352     | 2.068 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.936 | 147952     | 1.834 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.889 | 151764     | 1.866 ug/mlm |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 12 May 2020 00:13  
Operator : DD\AJ  
Sample : L2182-07  
Misc : LOD-2.5PPM-WATER  
ALS Vial : 8 Sample Multiplier: 1

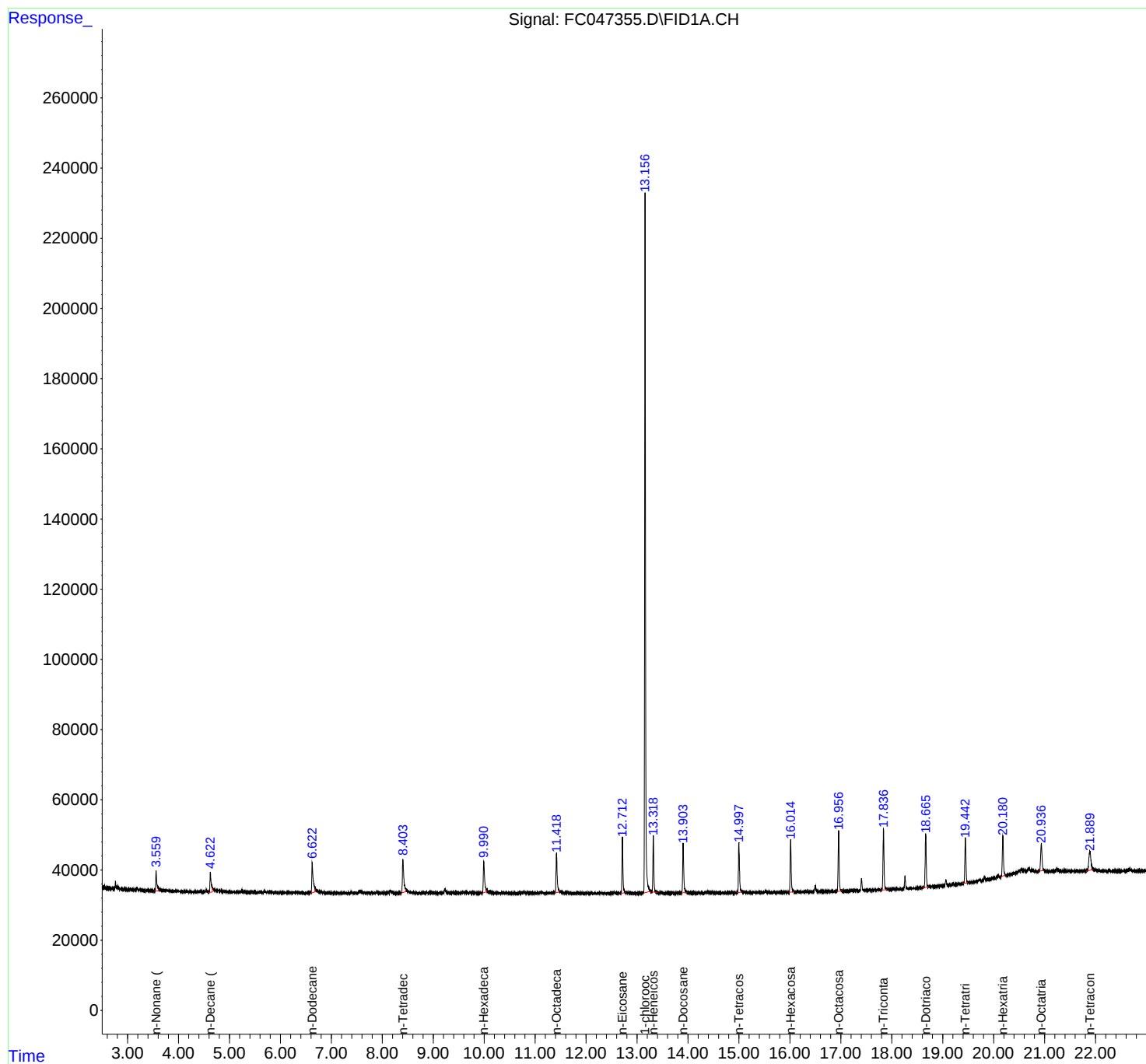
Instrument :  
FID\_C  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2020

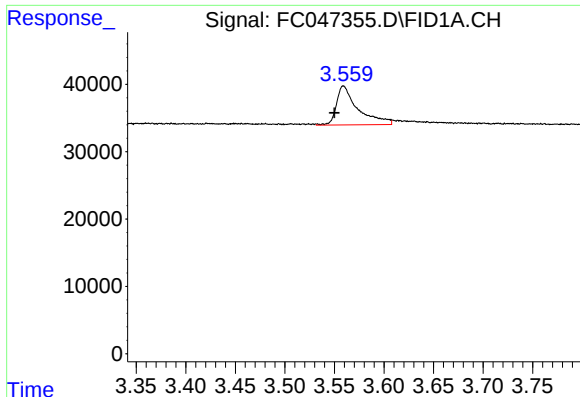
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Integration File: autoint1.e  
Quant Time: May 12 15:54:49 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 050820.M  
Quant Title : GC Extractables  
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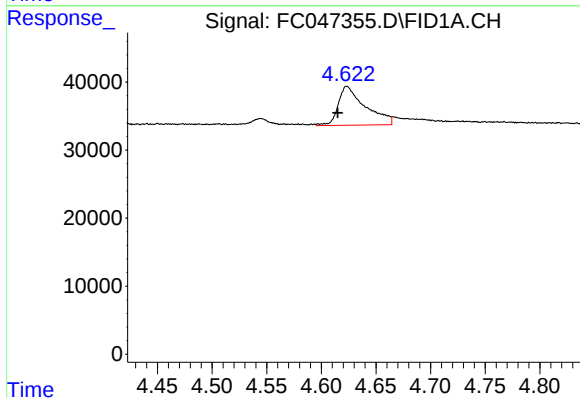
#1 n-Nonane (C9)

R.T.: 3.559 min  
Delta R.T.: 0.009 min  
Response: 87242  
Conc: 0.86 ug/ml m

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

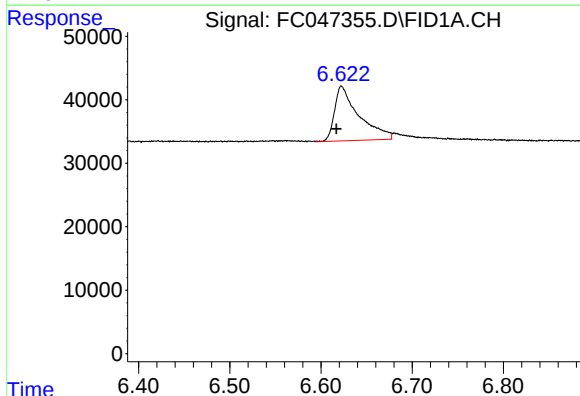
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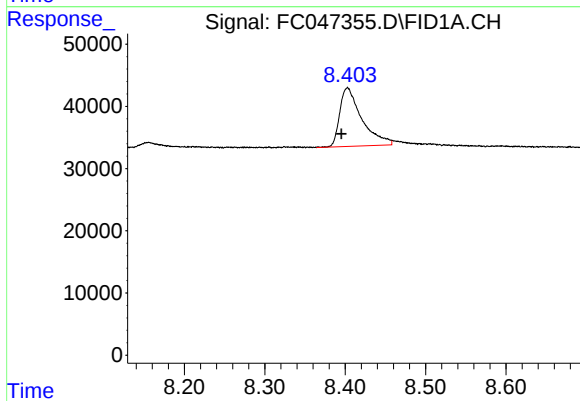
#2 n-Decane (C10)

R.T.: 4.622 min  
Delta R.T.: 0.007 min  
Response: 99447  
Conc: 0.97 ug/ml m



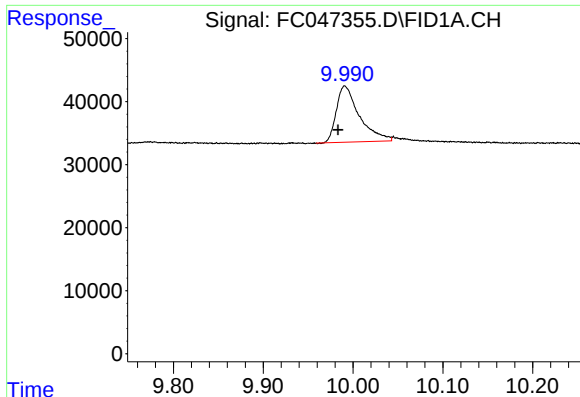
#4 n-Dodecane (C12)

R.T.: 6.622 min  
Delta R.T.: 0.005 min  
Response: 159489  
Conc: 1.51 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.403 min  
Delta R.T.: 0.007 min  
Response: 179839  
Conc: 1.70 ug/ml m



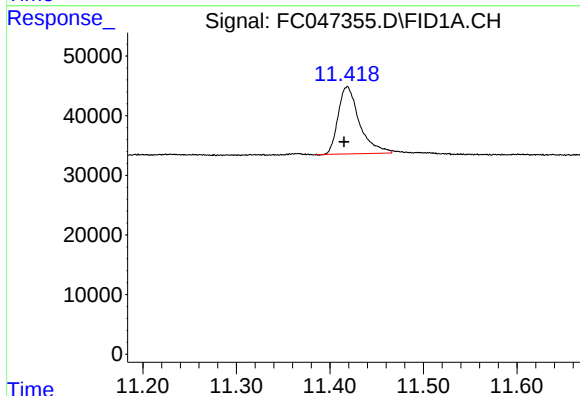
#7 n-Hexadecane (C16)

R.T.: 9.990 min  
Delta R.T.: 0.007 min  
Response: 158260  
Conc: 1.50 ug/ml m

Instrument :  
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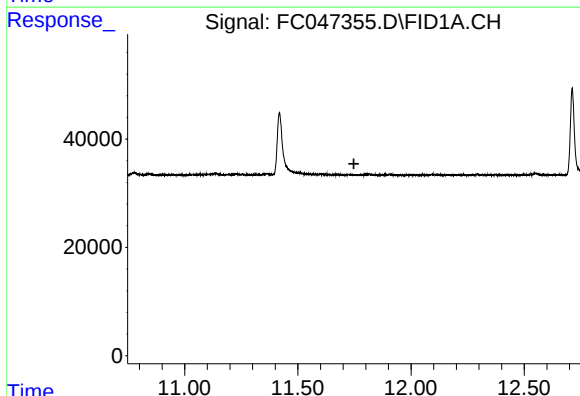
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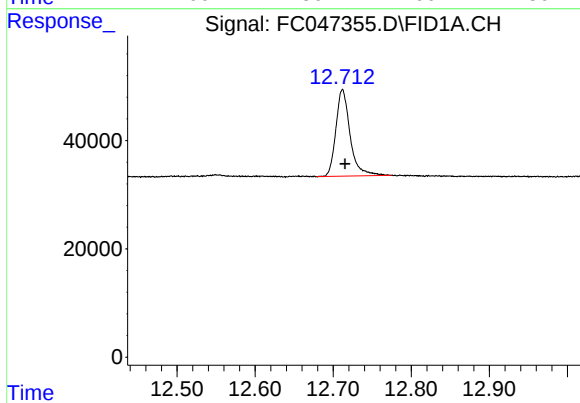
#8 n-Octadecane (C18)

R.T.: 11.418 min  
Delta R.T.: 0.003 min  
Response: 178857  
Conc: 1.60 ug/ml m



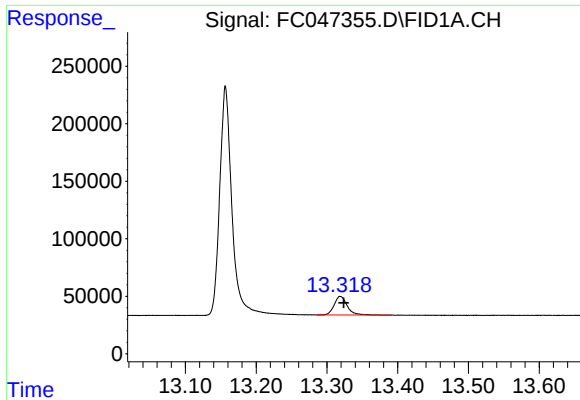
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.712 min  
Delta R.T.: -0.003 min  
Response: 202339  
Conc: 1.78 ug/ml



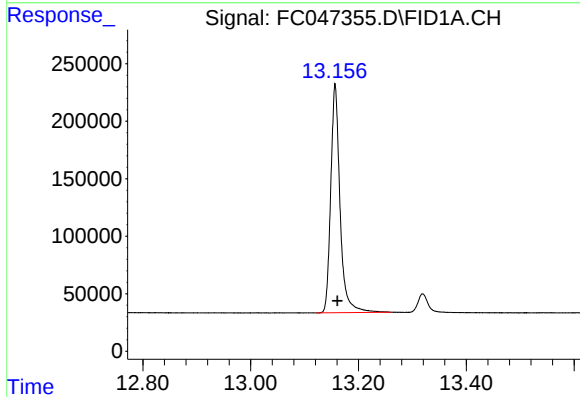
#11 n-Heneicosane (C21)

R.T.: 13.319 min  
Delta R.T.: -0.004 min  
Response: 206704  
Conc: 1.82 ug/ml

Instrument :  
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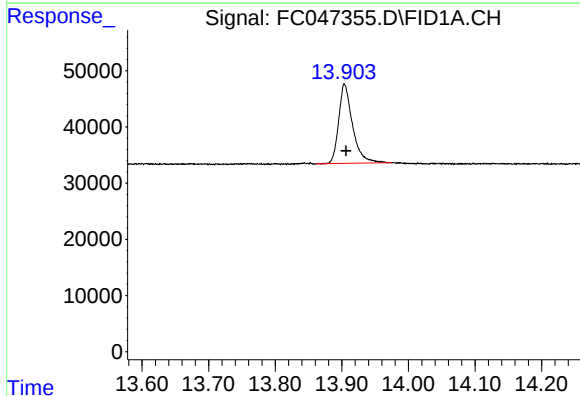
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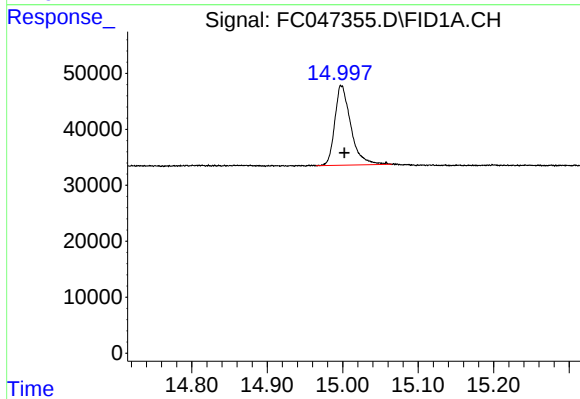
#12 1-chlorooctadecane (SURR)

R.T.: 13.157 min  
Delta R.T.: -0.004 min  
Response: 2378420  
Conc: 24.25 ug/ml



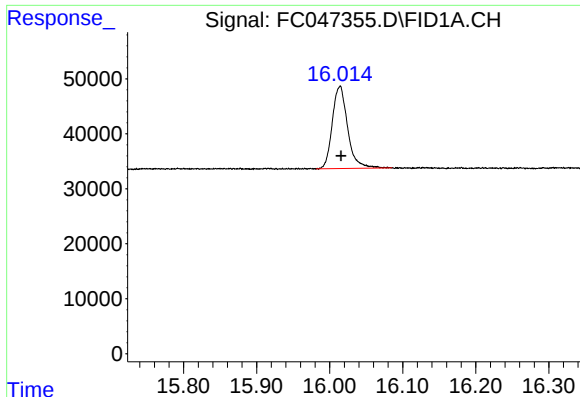
#13 n-Docosane (C22)

R.T.: 13.905 min  
Delta R.T.: -0.002 min  
Response: 203781  
Conc: 1.79 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.999 min  
Delta R.T.: -0.003 min  
Response: 209853  
Conc: 1.85 ug/ml



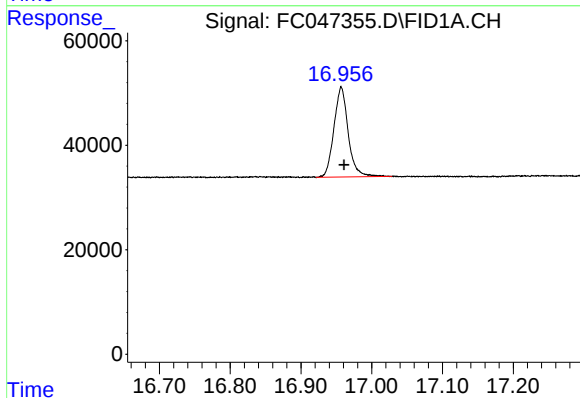
#15 n-Hexacosane (C26)

R.T.: 16.014 min  
Delta R.T.: -0.002 min  
Response: 217816  
Conc: 1.94 ug/ml

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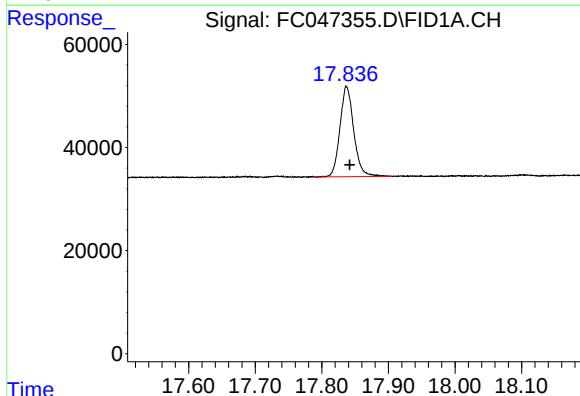
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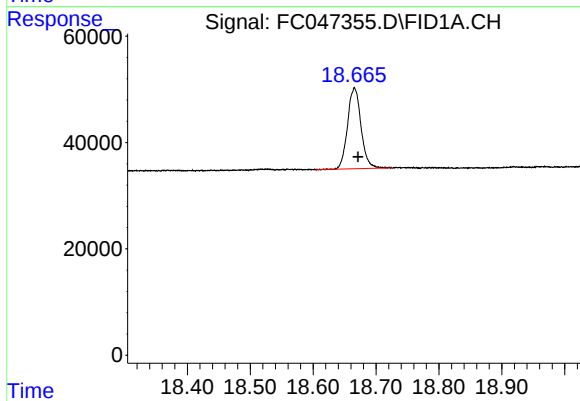
#16 n-Octacosane (C28)

R.T.: 16.957 min  
Delta R.T.: -0.004 min  
Response: 240975  
Conc: 2.16 ug/ml



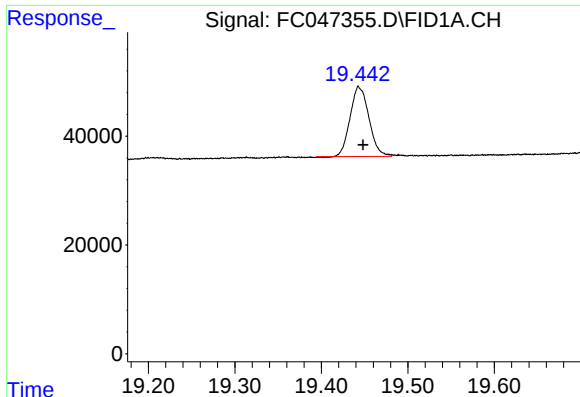
#17 n-Tricontane (C30)

R.T.: 17.837 min  
Delta R.T.: -0.005 min  
Response: 252570  
Conc: 2.34 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.666 min  
Delta R.T.: -0.006 min  
Response: 226123  
Conc: 2.29 ug/ml



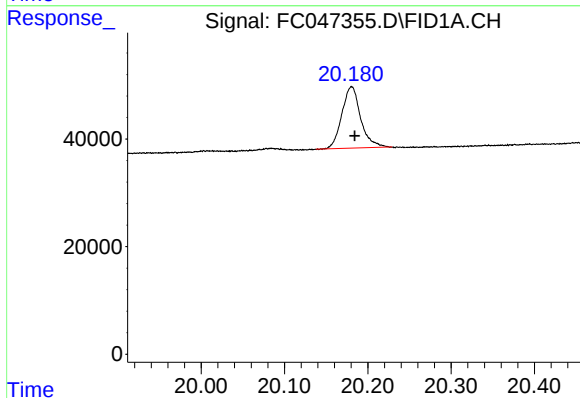
#19 n-Tetratriacontane (C34)

R.T.: 19.442 min  
Delta R.T.: -0.006 min  
Response: 194616  
Conc: 2.12 ug/ml m

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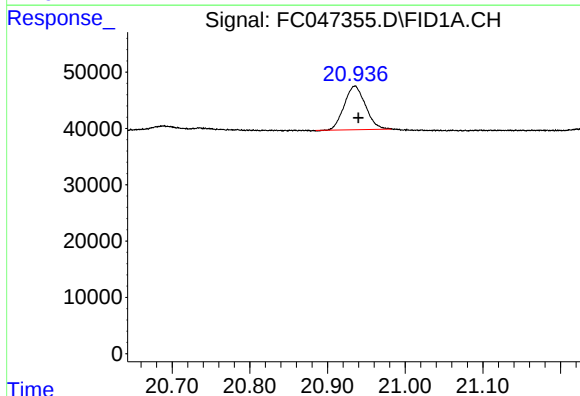
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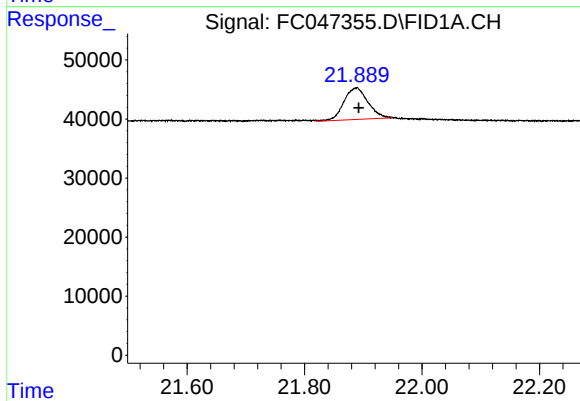
#20 n-Hexatriacontane (C36)

R.T.: 20.180 min  
Delta R.T.: -0.004 min  
Response: 179352  
Conc: 2.07 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.936 min  
Delta R.T.: -0.003 min  
Response: 147952  
Conc: 1.83 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.889 min  
Delta R.T.: -0.003 min  
Response: 151764  
Conc: 1.87 ug/ml m