

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062322AL\  
 Data File : FC060425.D  
 Signal(s) : FID1A.CH  
 Acq On : 23 Jun 2022 21:39  
 Operator : UA/NP  
 Sample : N3422-05MS 10X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 WC-14A-1A-12-GRMS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/24/2022  
 Supervised By :Ankita Jodhani 06/24/2022

Integration File: autoint1.e  
 Quant Time: Jun 24 01:21:56 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 052722.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 28 08:22:04 2022  
 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... | 12.018 | 346386     | 2.794 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 5.59%        |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.632  | 155785     | 1.217 ug/mlm |
| 2) T n-Decane (C10)            | 3.629  | 243422     | 1.903 ug/mlm |
| 4) T n-Dodecane (C12)          | 5.577  | 405976     | 3.045 ug/mlm |
| 6) T n-Tetradecane (C14)       | 7.327  | 479865     | 3.515 ug/mlm |
| 7) T n-Hexadecane (C16)        | 8.890  | 537616     | 3.832 ug/mlm |
| 8) T n-Octadecane (C18)        | 10.300 | 618438     | 4.321 ug/mlm |
| 10) T n-Eicosane (C20)         | 11.580 | 623555     | 4.371 ug/mlm |
| 11) T n-Heneicosane (C21)      | 12.180 | 574132     | 4.005 ug/mlm |
| 13) T n-Docosane (C22)         | 12.754 | 569935     | 4.000 ug/mlm |
| 14) T n-Tetracosane (C24)      | 13.832 | 557889     | 3.976 ug/mlm |
| 15) T n-Hexacosane (C26)       | 14.831 | 527049     | 3.892 ug/mlm |
| 16) T n-Octacosane (C28)       | 15.760 | 569631     | 4.374 ug/mlm |
| 17) T n-Tricontane (C30)       | 16.629 | 492881     | 4.026 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 17.443 | 495932     | 4.448 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 18.210 | 600443     | 5.887 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 18.932 | 417547     | 4.409 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 19.613 | 398347     | 4.318 ug/mlm |
| 22) T n-Tetracontane (C40)     | 20.262 | 384456     | 4.086 ug/mlm |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 23 Jun 2022 21:39  
Operator : UA/NP  
Sample : N3422-05MS 10X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

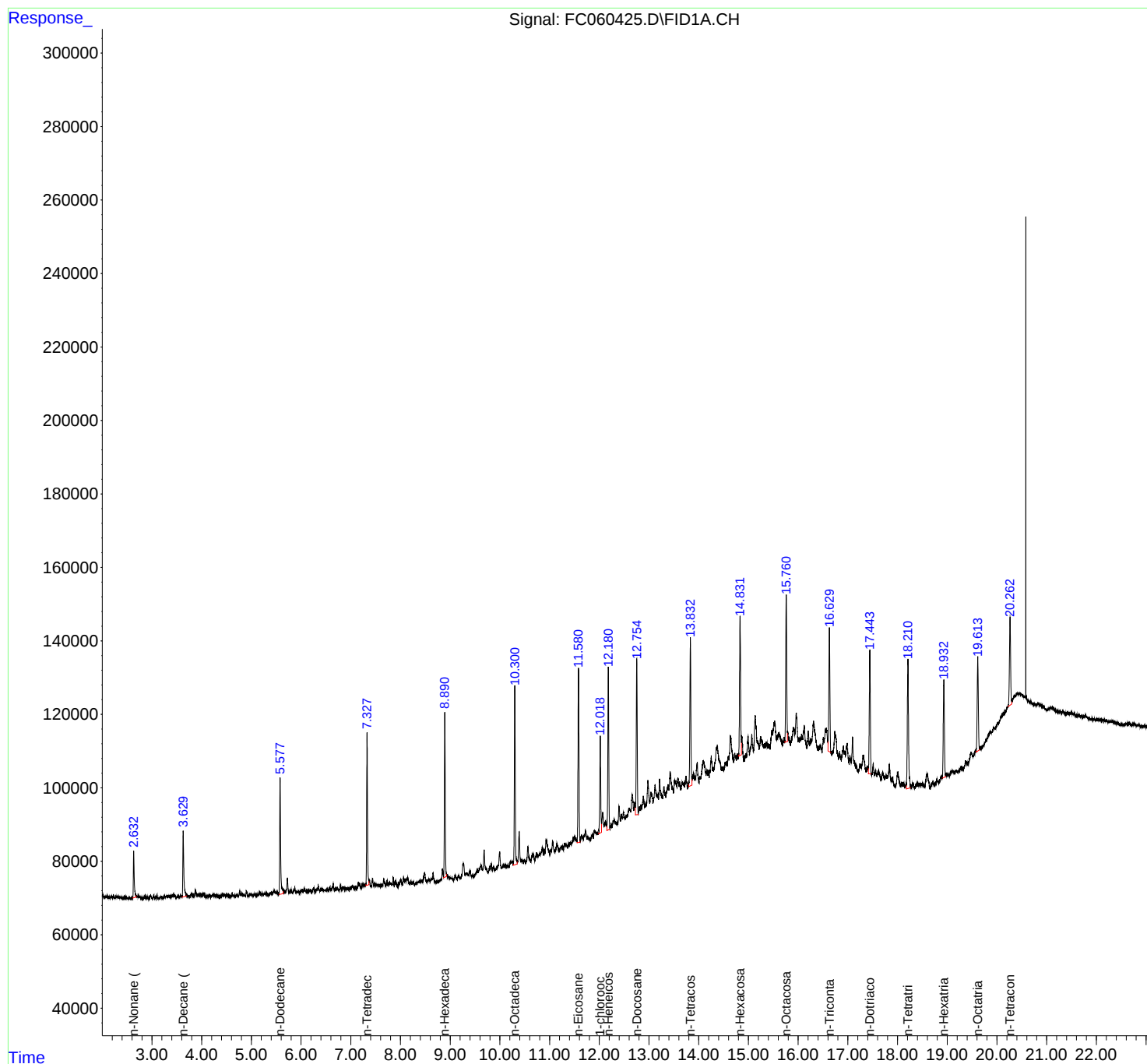
Instrument :  
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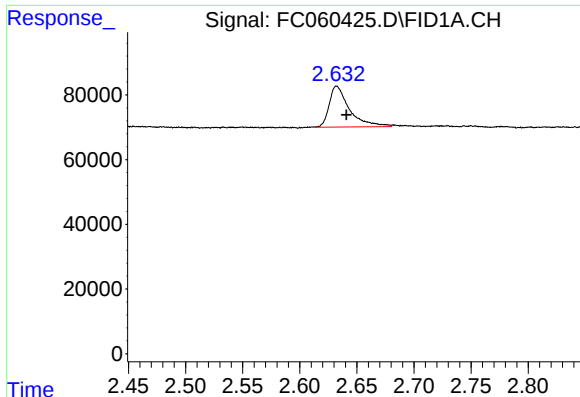
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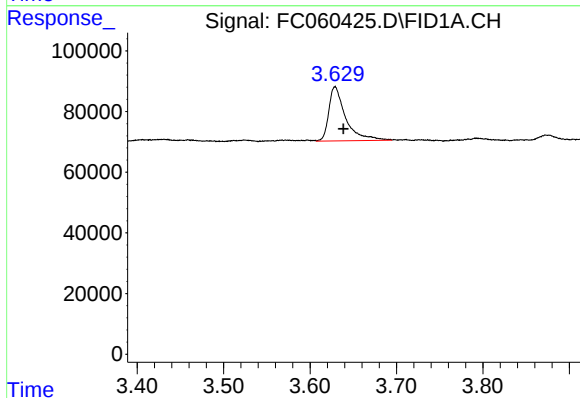
#1 n-Nonane (C9)

R.T.: 2.632 min  
Delta R.T.: -0.009 min  
Response: 155785  
Conc: 1.22 ug/ml

Instrument :  
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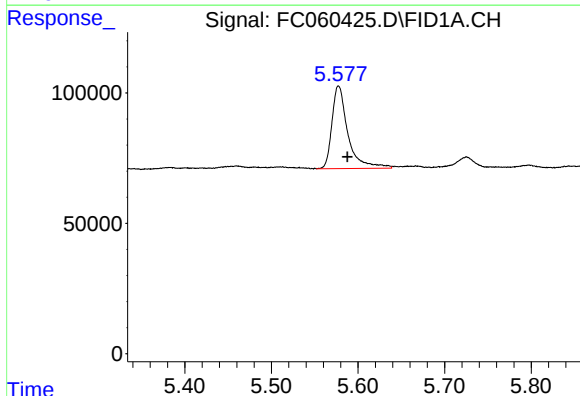
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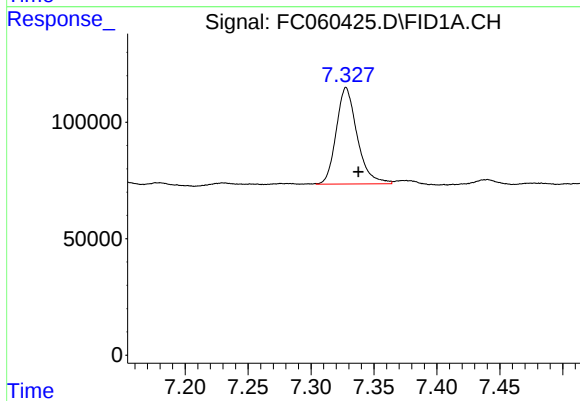
#2 n-Decane (C10)

R.T.: 3.629 min  
Delta R.T.: -0.010 min  
Response: 243422  
Conc: 1.90 ug/ml m



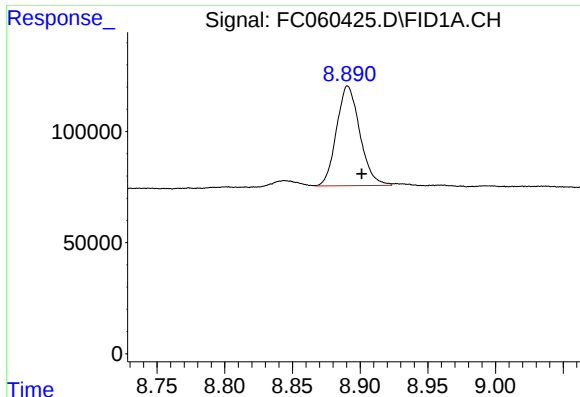
#4 n-Dodecane (C12)

R.T.: 5.577 min  
Delta R.T.: -0.011 min  
Response: 405976  
Conc: 3.05 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 7.327 min  
Delta R.T.: -0.010 min  
Response: 479865  
Conc: 3.52 ug/ml m



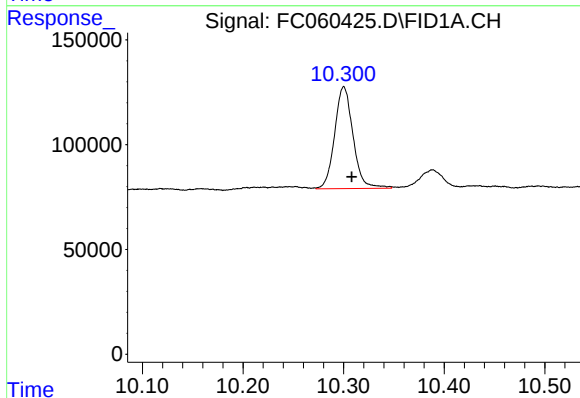
#7 n-Hexadecane (C16)

R.T.: 8.890 min  
Delta R.T.: -0.011 min  
Response: 537616  
Conc: 3.83 ug/ml

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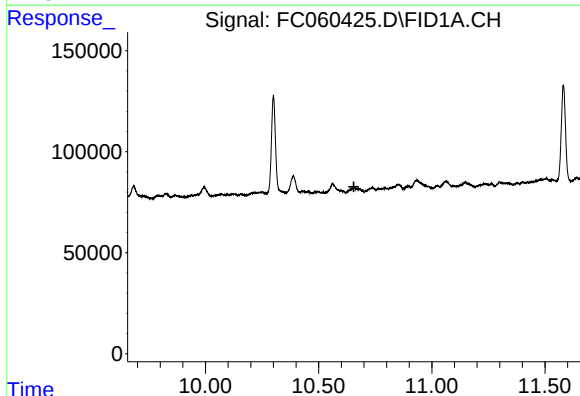
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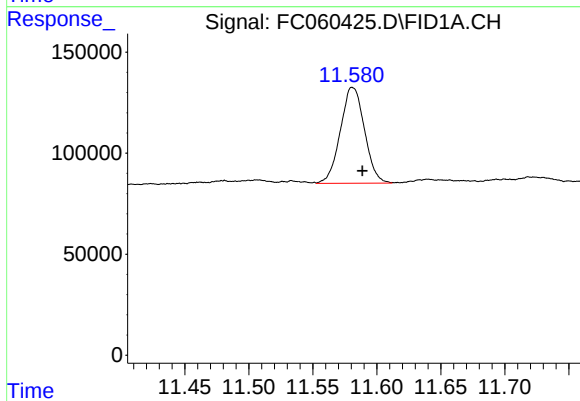
#8 n-Octadecane (C18)

R.T.: 10.300 min  
Delta R.T.: -0.008 min  
Response: 618438  
Conc: 4.32 ug/ml m



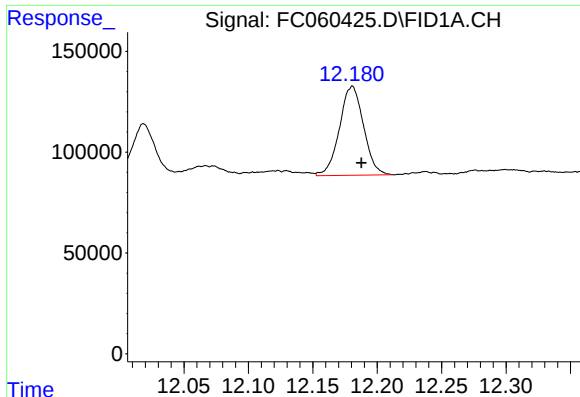
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 10.656 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.580 min  
Delta R.T.: -0.008 min  
Response: 623555  
Conc: 4.37 ug/ml m



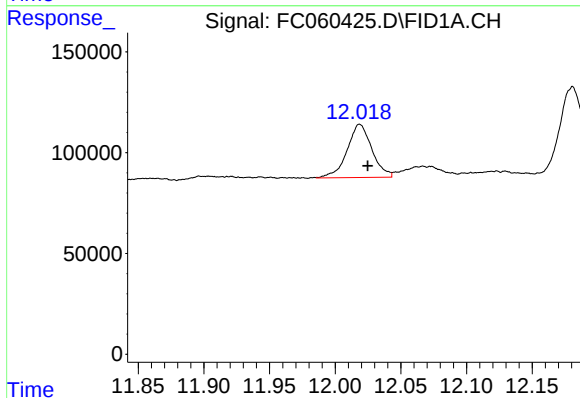
#11 n-Heneicosane (C21)

R.T.: 12.180 min  
Delta R.T.: -0.007 min  
Response: 574132  
Conc: 4.01 ug/ml

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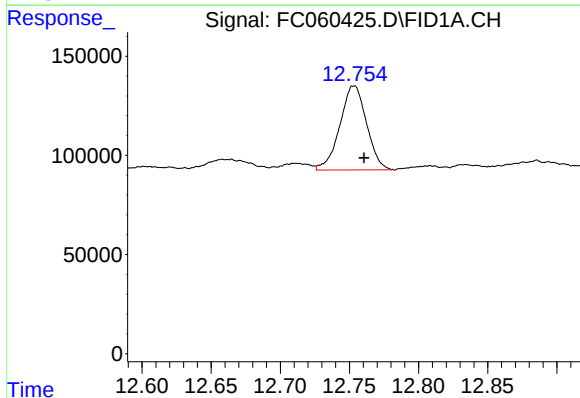
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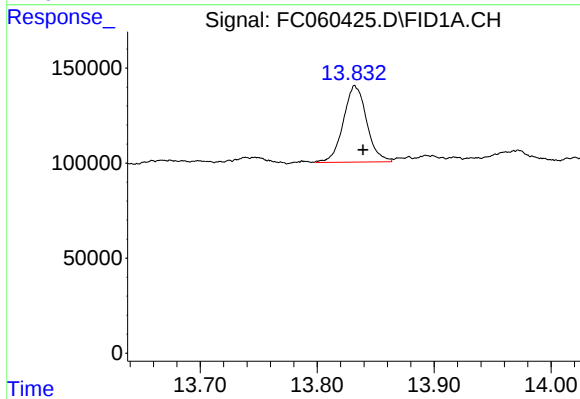
#12 1-chlorooctadecane (SURR)

R.T.: 12.018 min  
Delta R.T.: -0.007 min  
Response: 346386  
Conc: 2.79 ug/ml m



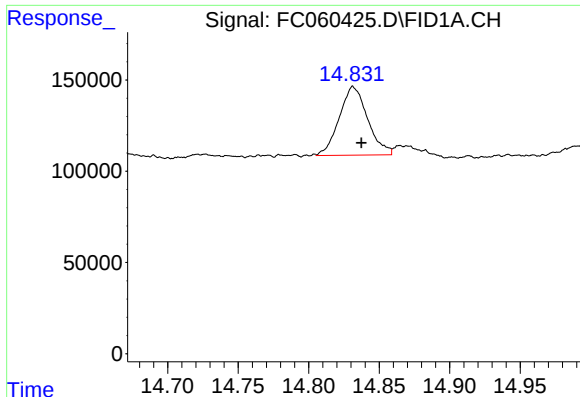
#13 n-Docosane (C22)

R.T.: 12.754 min  
Delta R.T.: -0.006 min  
Response: 569935  
Conc: 4.00 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 13.832 min  
Delta R.T.: -0.008 min  
Response: 557889  
Conc: 3.98 ug/ml m



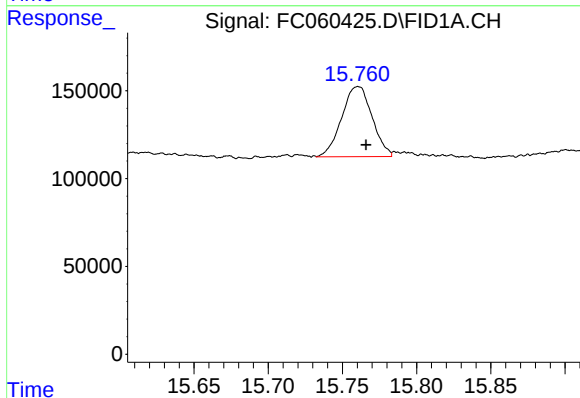
#15 n-Hexacosane (C26)

R.T.: 14.831 min  
Delta R.T.: -0.006 min  
Response: 527049  
Conc: 3.89 ug/ml

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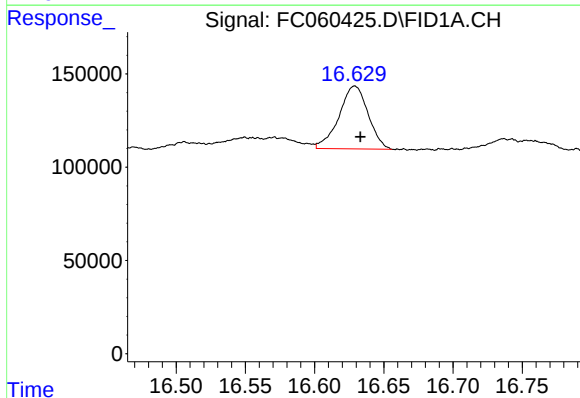
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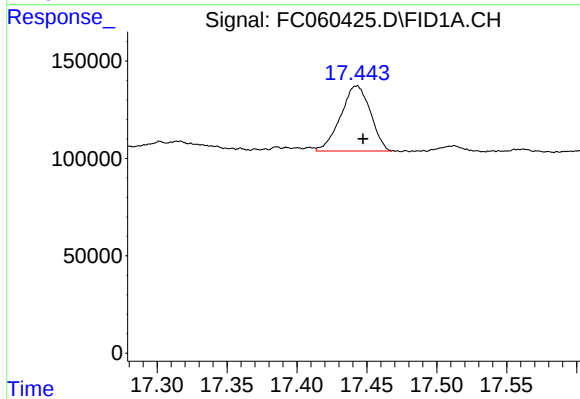
#16 n-Octacosane (C28)

R.T.: 15.760 min  
Delta R.T.: -0.006 min  
Response: 569631  
Conc: 4.37 ug/ml m



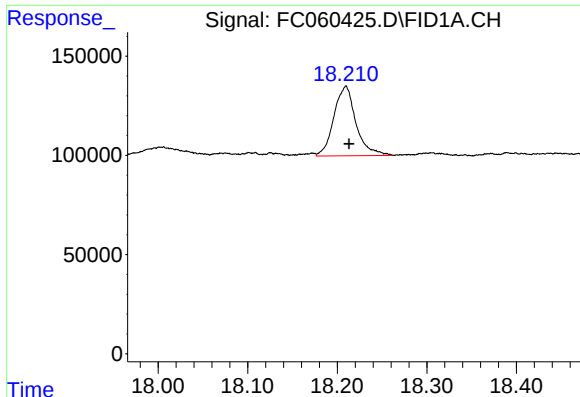
#17 n-Tricontane (C30)

R.T.: 16.629 min  
Delta R.T.: -0.004 min  
Response: 492881  
Conc: 4.03 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 17.443 min  
Delta R.T.: -0.004 min  
Response: 495932  
Conc: 4.45 ug/ml m



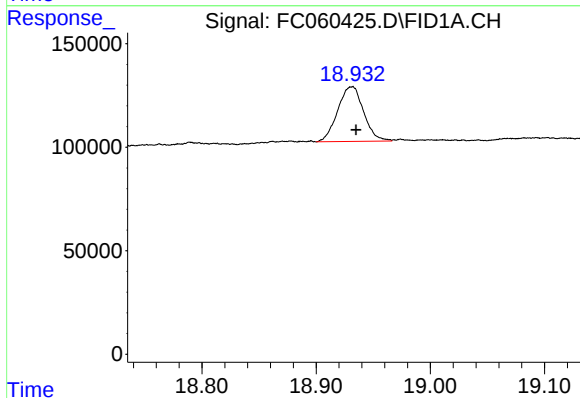
#19 n-Tetratriacontane (C34)

R.T.: 18.210 min  
Delta R.T.: -0.003 min  
Response: 600443  
Conc: 5.89 ug/ml

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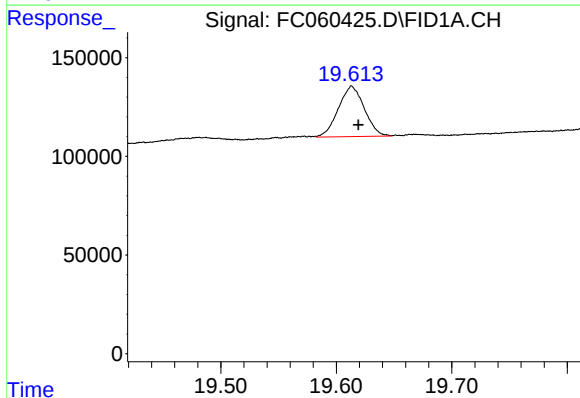
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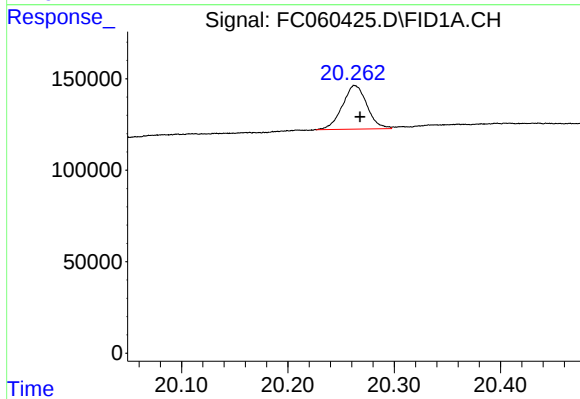
#20 n-Hexatriacontane (C36)

R.T.: 18.932 min  
Delta R.T.: -0.003 min  
Response: 417547  
Conc: 4.41 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.613 min  
Delta R.T.: -0.006 min  
Response: 398347  
Conc: 4.32 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.262 min  
Delta R.T.: -0.006 min  
Response: 384456  
Conc: 4.09 ug/ml m