

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062723AL\  
 Data File : FC064016.D  
 Signal(s) : FID1A.ch  
 Acq On : 27 Jun 2023 19:36  
 Operator : YP/AJ  
 Sample : 03413-01MSD  
 Misc :  
 ALS Vial : 82 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 OR-02-062623MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/28/2023  
 Supervised By :Ankita Jodhani 06/28/2023

Integration File: autoint1.e  
 Quant Time: Jun 28 00:49:43 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 062423.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Jun 25 04:03:48 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

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)    | 11.529 | 5911778    | 30.447 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 60.89%        |
| 12) S 1-chlorooctadecane (S... | 12.964 | 5183017    | 37.253 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 74.51%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.309  | 4408633    | 24.719 ug/ml  |
| 2) T n-Decane (C10)            | 4.371  | 4932059    | 27.256 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.951  | 5707239    | 30.597 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.384  | 5448787    | 30.246 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.007  | 5702780    | 32.404 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.178  | 5711609    | 33.017 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.775  | 5940211    | 34.196 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.215 | 6000992    | 34.819 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.522 | 5942060    | 36.399 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.131 | 5771664    | 36.023 ug/ml  |
| 13) T n-Docosane (C22)         | 13.717 | 5856167    | 37.268 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.802 | 11863038   | 75.263 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.836 | 5516826    | 36.514 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.781 | 5725917    | 38.000 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.669 | 5455253    | 34.941 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.499 | 5645501    | 35.736 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.281 | 5588988    | 36.321 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.018 | 4925648    | 33.363 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.746 | 4898278    | 33.068 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.638 | 4695400    | 32.214 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ  
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ALS Vial : 82 Sample Multiplier: 1

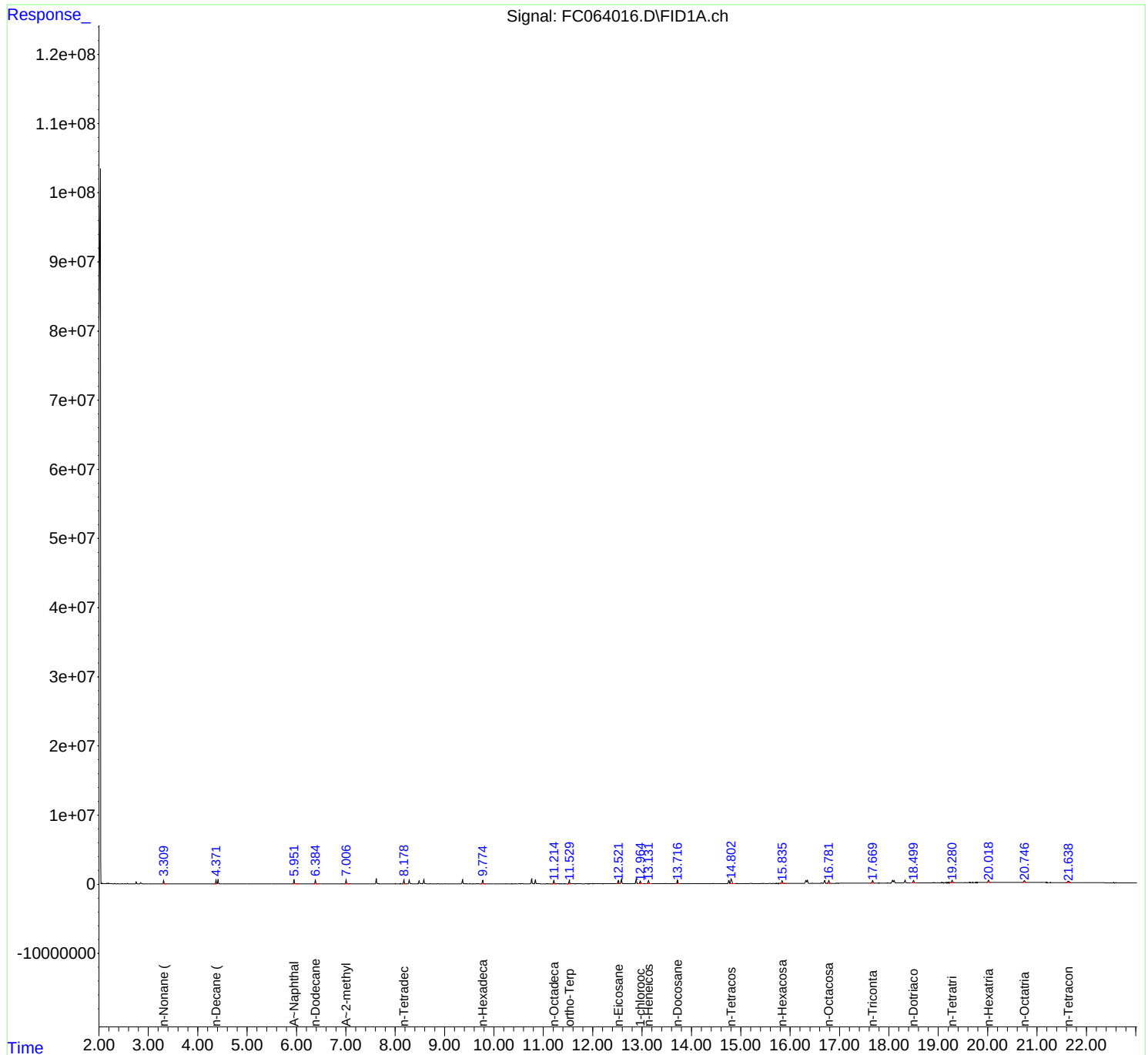
Instrument :  
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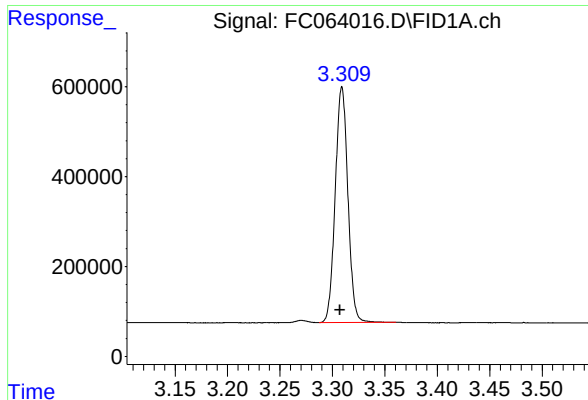
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.309 min  
Delta R.T.: 0.002 min  
Response: 4408633  
Conc: 24.72 ug/ml

Instrument :

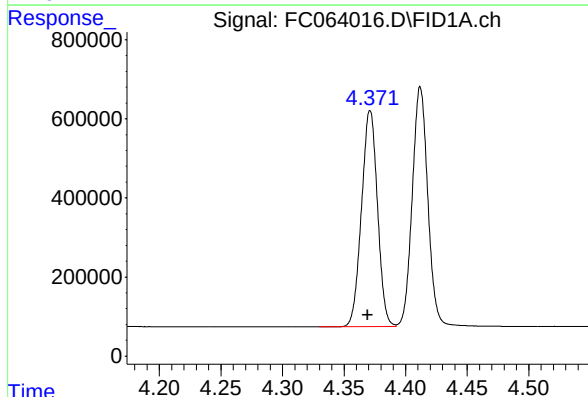
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ClientSampleId :

OR-02-062623MSD

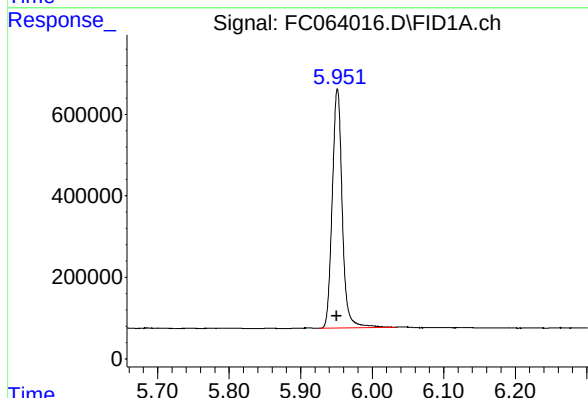
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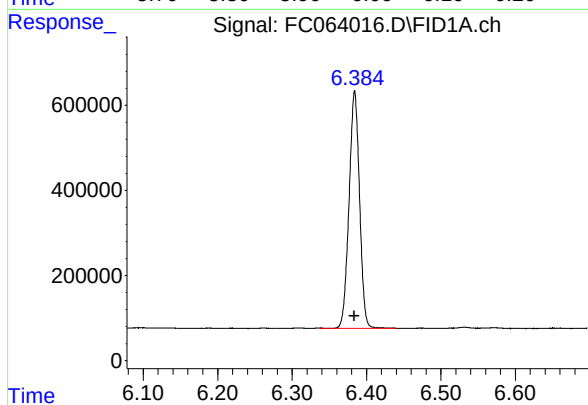
#2 n-Decane (C10)

R.T.: 4.371 min  
Delta R.T.: 0.002 min  
Response: 4932059  
Conc: 27.26 ug/ml



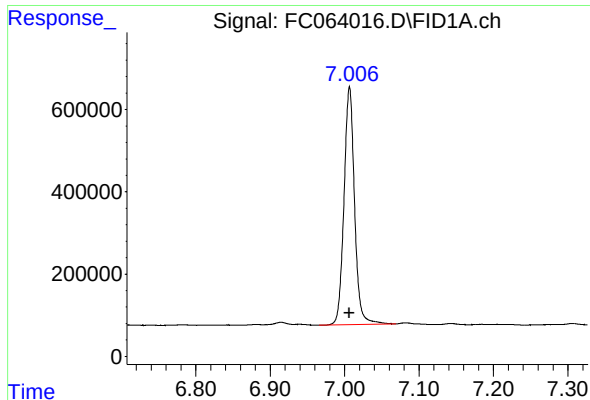
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min  
Delta R.T.: 0.000 min  
Response: 5707239  
Conc: 30.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.384 min  
Delta R.T.: 0.000 min  
Response: 5448787  
Conc: 30.25 ug/ml



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

R.T.: 7.007 min  
Delta R.T.: 0.000 min  
Response: 5702780  
Conc: 32.40 ug/ml

Instrument :

FID\_C

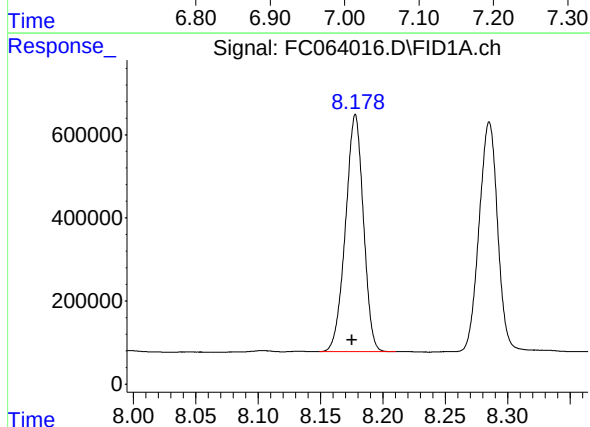
ClientSampleId :

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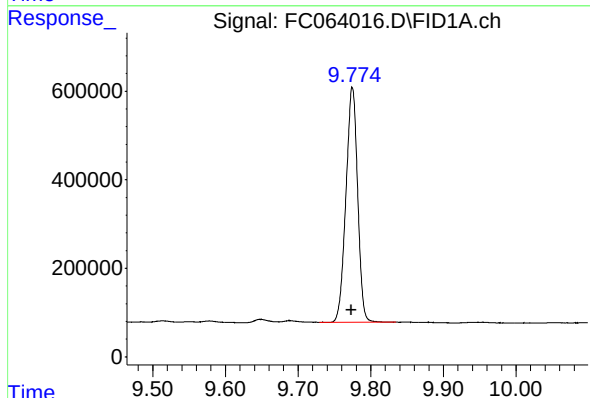
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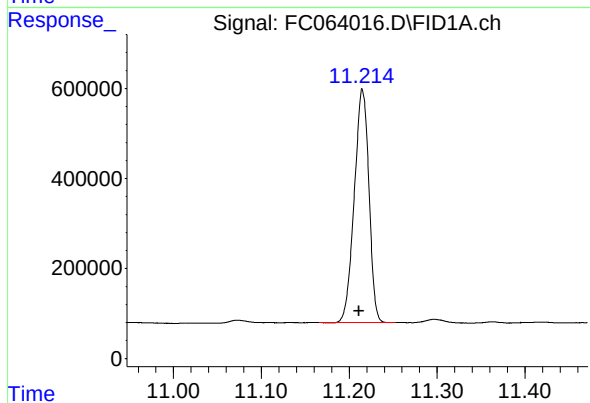
#6 n-Tetradecane (C14)

R.T.: 8.178 min  
Delta R.T.: 0.003 min  
Response: 5711609  
Conc: 33.02 ug/ml



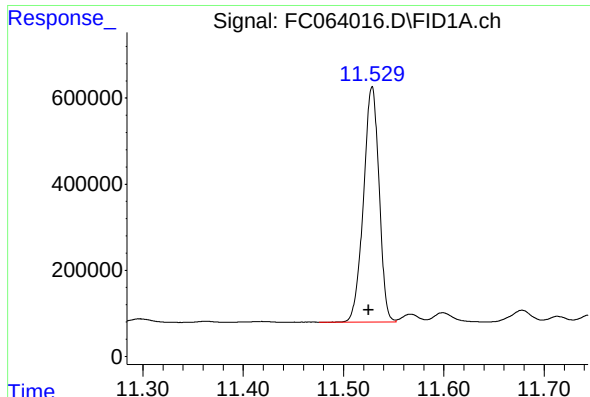
#7 n-Hexadecane (C16)

R.T.: 9.775 min  
Delta R.T.: 0.001 min  
Response: 5940211  
Conc: 34.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.215 min  
Delta R.T.: 0.004 min  
Response: 6000992  
Conc: 34.82 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.529 min  
Delta R.T.: 0.003 min  
Response: 5911778  
Conc: 30.45 ug/ml

Instrument :

FID\_C

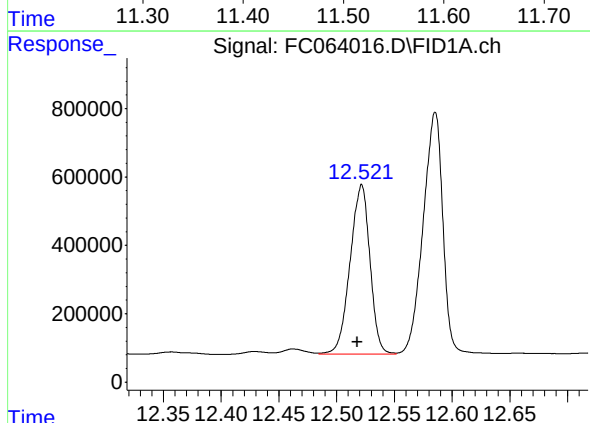
ClientSampleId :

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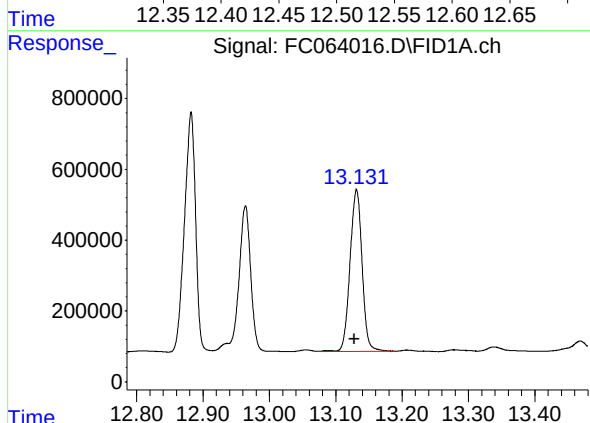
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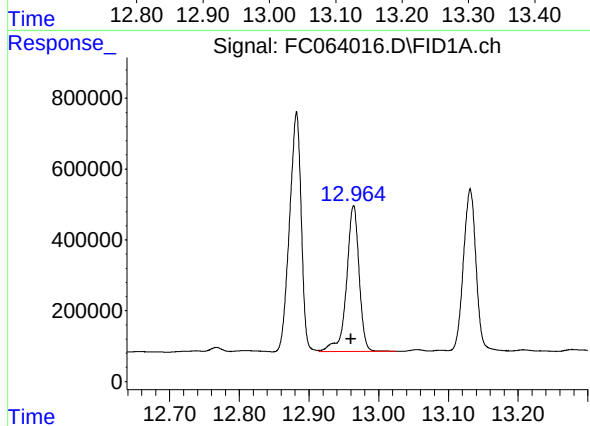
#10 n-Eicosane (C20)

R.T.: 12.522 min  
Delta R.T.: 0.004 min  
Response: 5942060  
Conc: 36.40 ug/ml



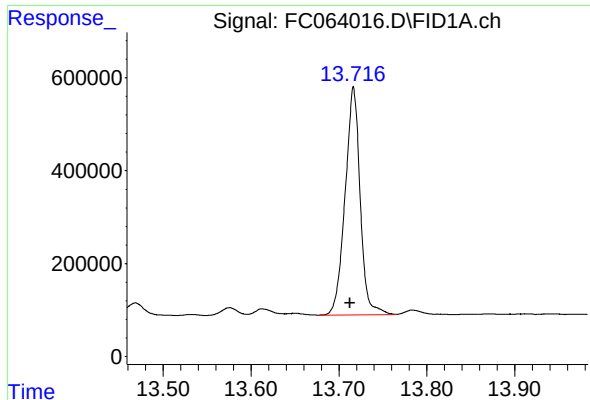
#11 n-Heneicosane (C21)

R.T.: 13.131 min  
Delta R.T.: 0.003 min  
Response: 5771664  
Conc: 36.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.964 min  
Delta R.T.: 0.004 min  
Response: 5183017  
Conc: 37.25 ug/ml



#13 n-Docosane (C22)

R.T.: 13.717 min  
Delta R.T.: 0.004 min  
Response: 5856167  
Conc: 37.27 ug/ml

Instrument :

FID\_C

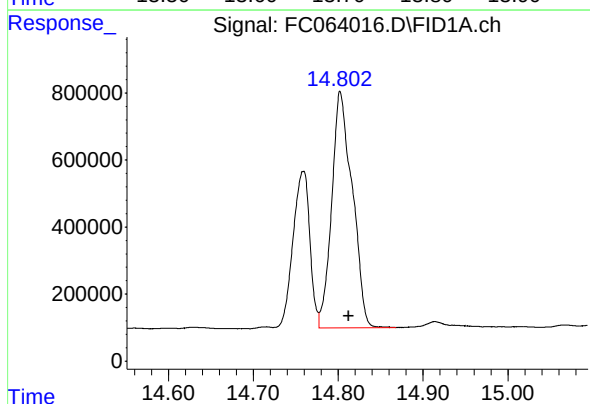
ClientSampleId :

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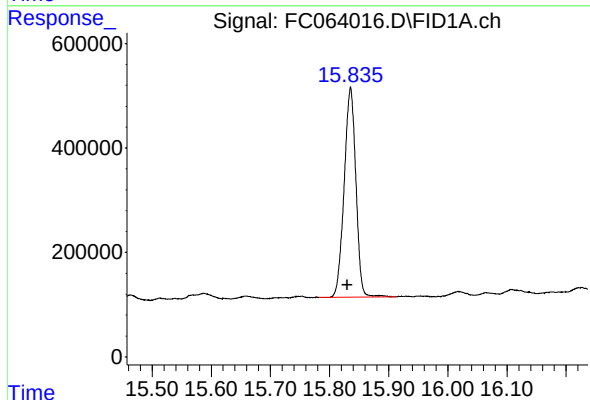
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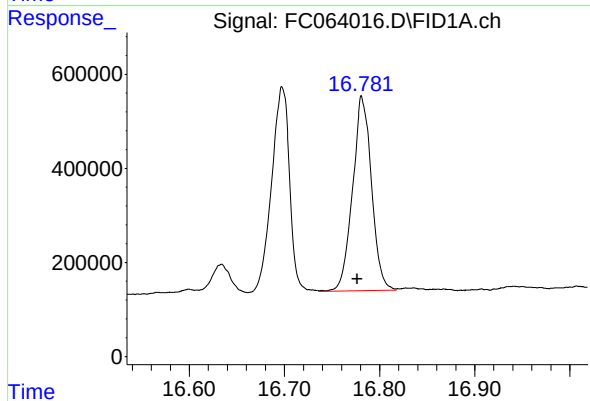
#14 n-Tetracosane (C24)

R.T.: 14.802 min  
Delta R.T.: -0.010 min  
Response: 11863038  
Conc: 75.26 ug/ml



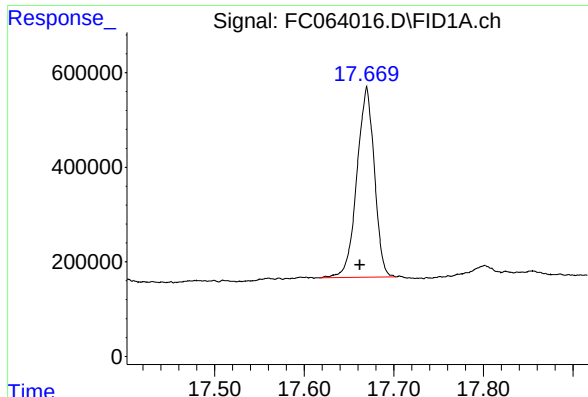
#15 n-Hexacosane (C26)

R.T.: 15.836 min  
Delta R.T.: 0.005 min  
Response: 5516826  
Conc: 36.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.781 min  
Delta R.T.: 0.004 min  
Response: 5725917  
Conc: 38.00 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.669 min  
Delta R.T.: 0.007 min  
Response: 5455253  
Conc: 34.94 ug/ml

Instrument :

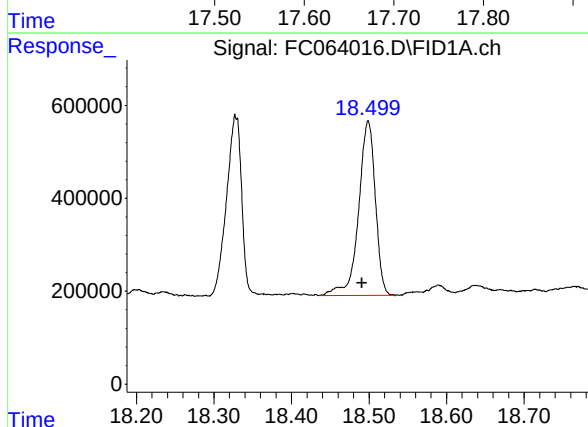
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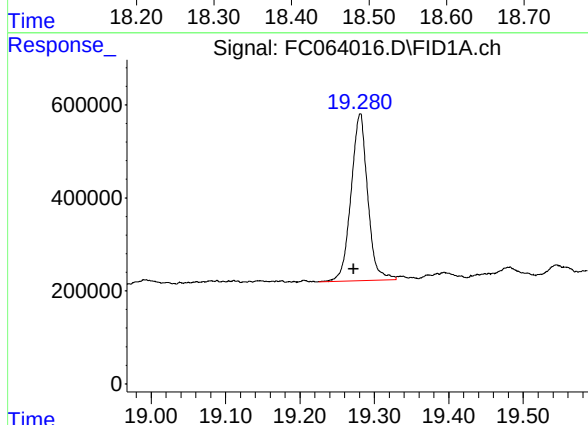
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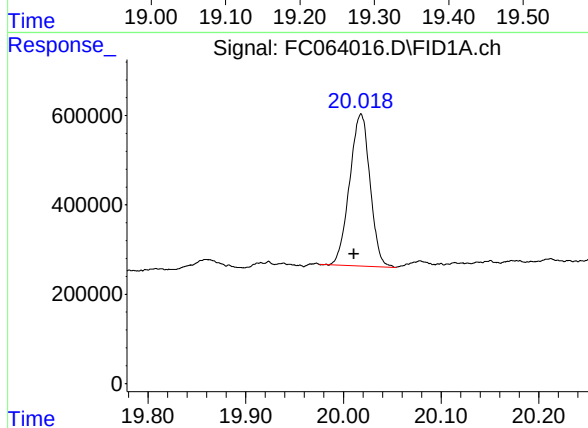
#18 n-Dotriacontane (C32)

R.T.: 18.499 min  
Delta R.T.: 0.008 min  
Response: 5645501  
Conc: 35.74 ug/ml



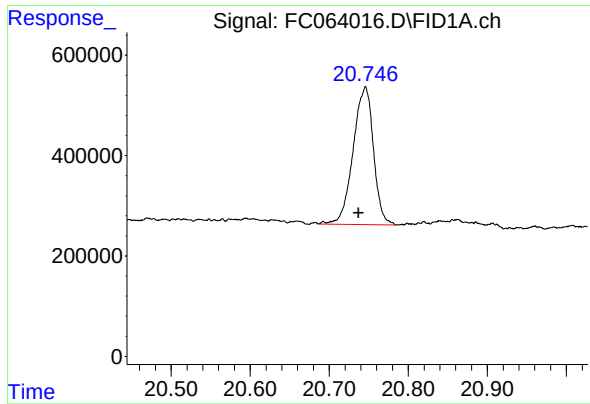
#19 n-Tetratriacontane (C34)

R.T.: 19.281 min  
Delta R.T.: 0.009 min  
Response: 5588988  
Conc: 36.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.018 min  
Delta R.T.: 0.007 min  
Response: 4925648  
Conc: 33.36 ug/ml



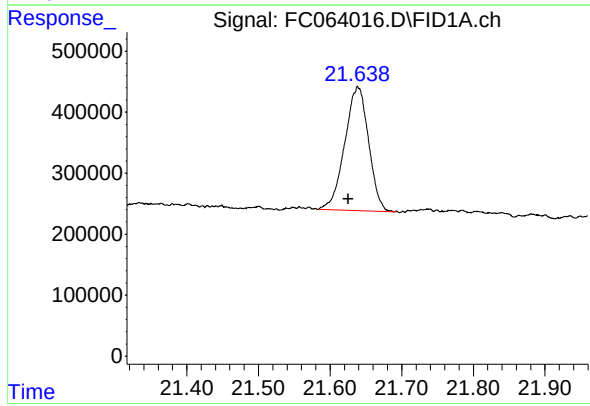
#21 n-Octatriacontane (C38)

R.T.: 20.746 min  
Delta R.T.: 0.008 min  
Response: 4898278  
Conc: 33.07 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.638 min  
Delta R.T.: 0.012 min  
Response: 4695400  
Conc: 32.21 ug/ml m