

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC061923AL\  
 Data File : FC063895.D  
 Signal(s) : FID1A.ch  
 Acq On : 19 Jun 2023 22:33  
 Operator : YP/AJ  
 Sample : PB153545BSD  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB153545BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/20/2023  
 Supervised By :Ankita Jodhani 06/20/2023

Integration File: autoint1.e  
 Quant Time: Jun 20 00:50:42 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 052723.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 27 06:12:33 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    |        |            |               |
| 12) S 1-chlorooctadecane (S... | 12.961 | 4432282    | 34.689 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 69.38%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.310  | 3745645    | 23.501 ug/ml  |
| 2) T n-Decane (C10)            | 4.372  | 4584400    | 28.360 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.385  | 5226362    | 31.963 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.177  | 5390521    | 34.275 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.775  | 6034820    | 37.921 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.214 | 6356880    | 40.175 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.520 | 6378629    | 43.130 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.130 | 6080461    | 42.242 ug/ml  |
| 13) T n-Docosane (C22)         | 13.714 | 5978527    | 42.439 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.813 | 6060342    | 44.165 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.830 | 5704482    | 43.022 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.777 | 5544843    | 43.668 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.663 | 5650543    | 44.227 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.491 | 5561498    | 44.694 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.272 | 5511640    | 44.702 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.008 | 5337661    | 44.472 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.733 | 5363020    | 44.421 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.623 | 5323708    | 43.936 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ  
Sample : PB153545BSD  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

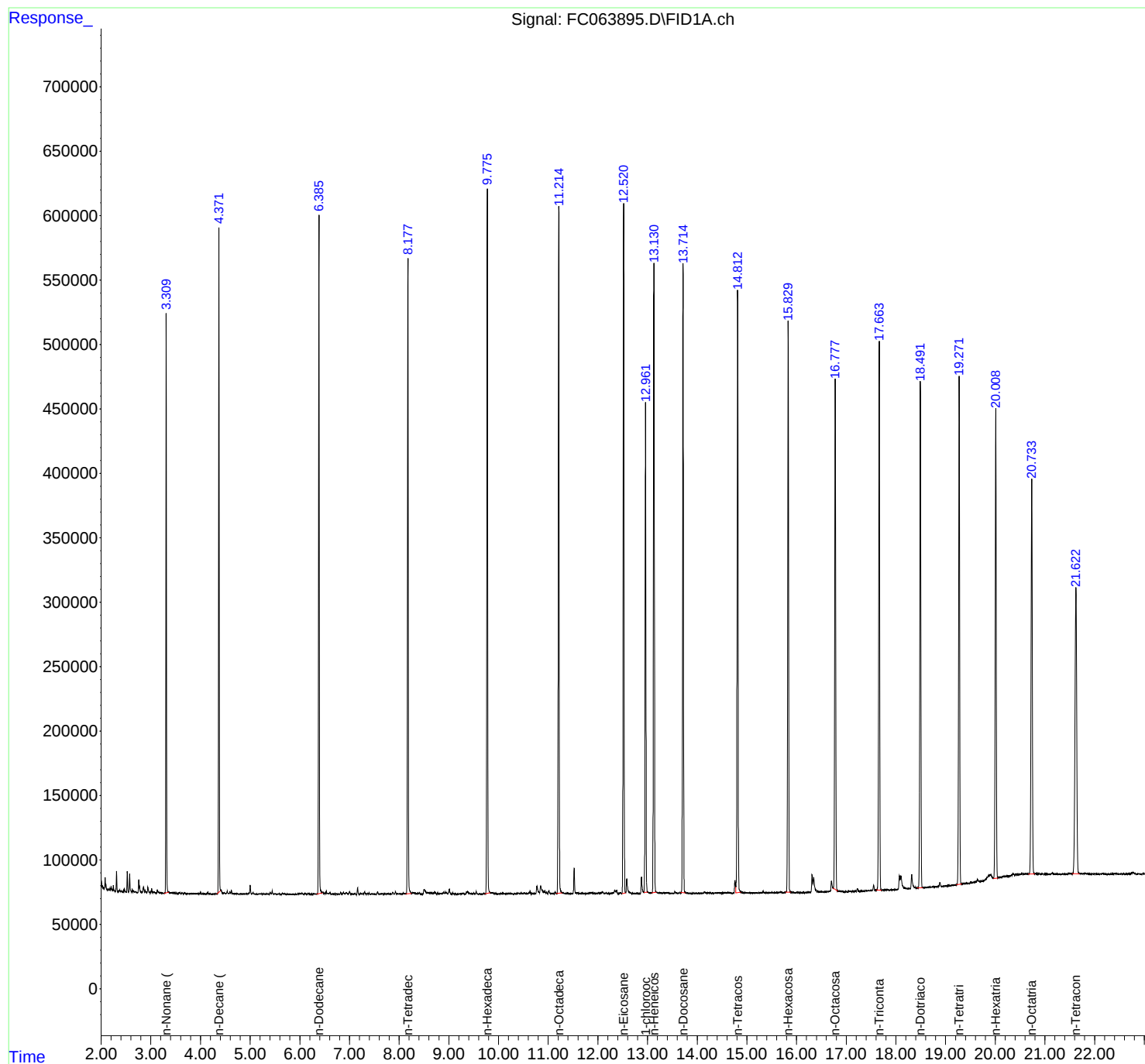
Instrument :  
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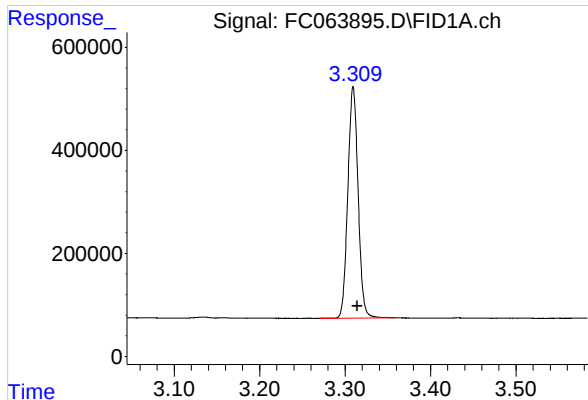
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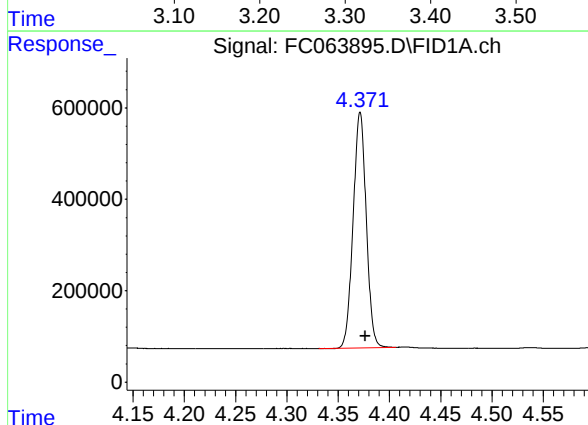
#1 n-Nonane (C9)

R.T.: 3.310 min  
Delta R.T.: -0.004 min  
Response: 3745645  
Conc: 23.50 ug/ml

Instrument :  
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ClientSampleId :  
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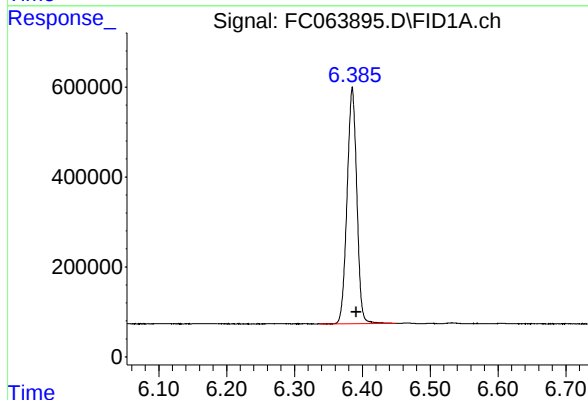
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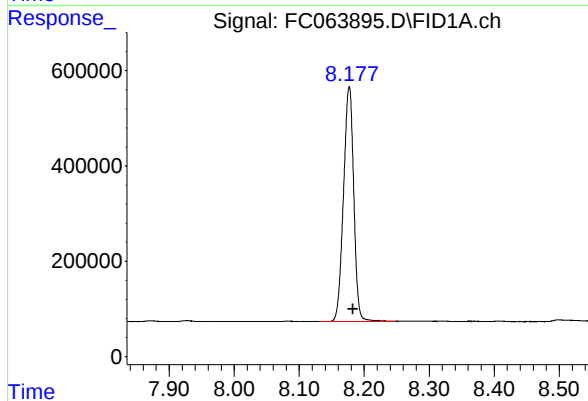
#2 n-Decane (C10)

R.T.: 4.372 min  
Delta R.T.: -0.005 min  
Response: 4584400  
Conc: 28.36 ug/ml



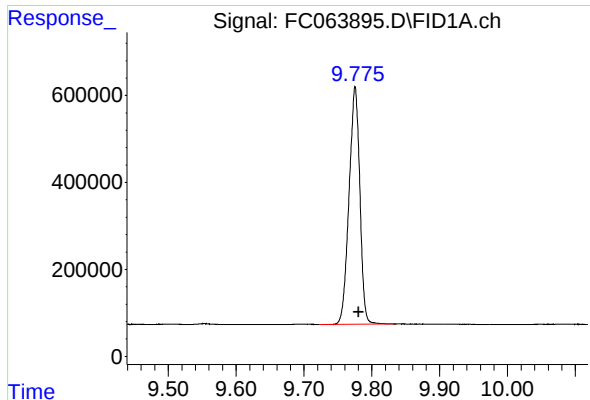
#4 n-Dodecane (C12)

R.T.: 6.385 min  
Delta R.T.: -0.006 min  
Response: 5226362  
Conc: 31.96 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.177 min  
Delta R.T.: -0.006 min  
Response: 5390521  
Conc: 34.28 ug/ml



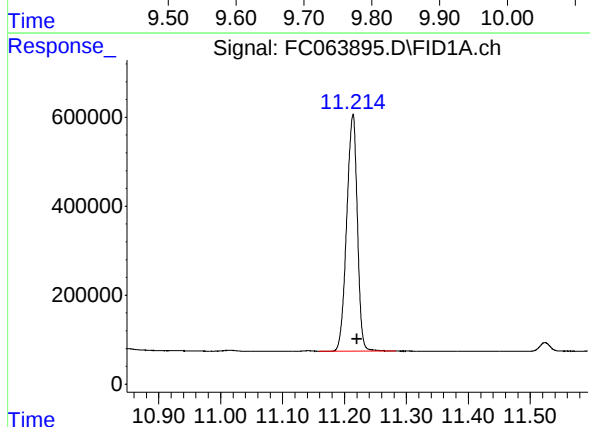
#7 n-Hexadecane (C16)

R.T.: 9.775 min  
Delta R.T.: -0.005 min  
Response: 6034820  
Conc: 37.92 ug/ml

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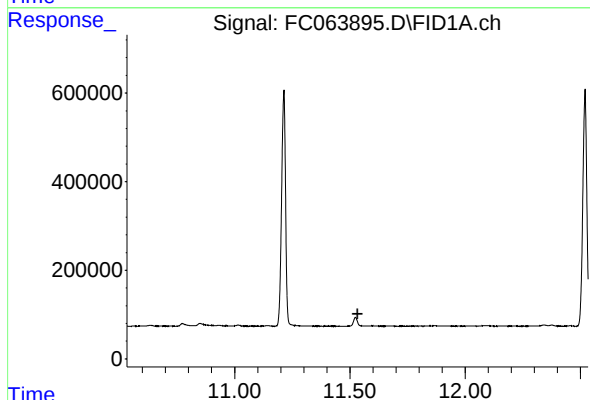
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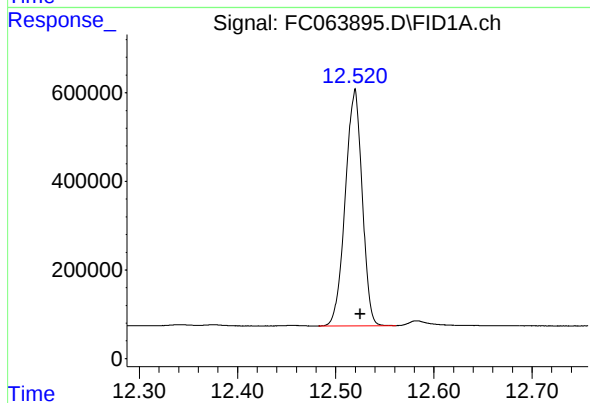
#8 n-Octadecane (C18)

R.T.: 11.214 min  
Delta R.T.: -0.006 min  
Response: 6356880  
Conc: 40.18 ug/ml



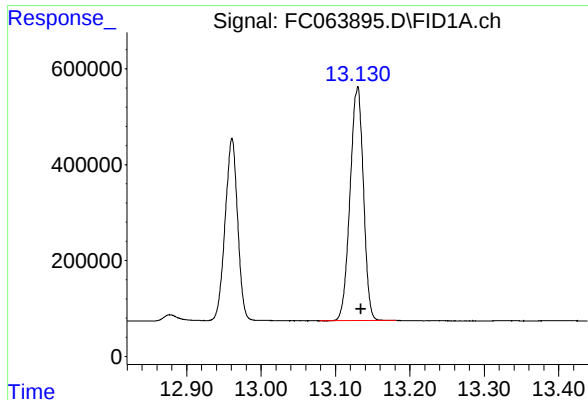
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T.: 11.533 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.520 min  
Delta R.T.: -0.006 min  
Response: 6378629  
Conc: 43.13 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.130 min  
Delta R.T.: -0.005 min  
Response: 6080461  
Conc: 42.24 ug/ml

Instrument :

FID\_C

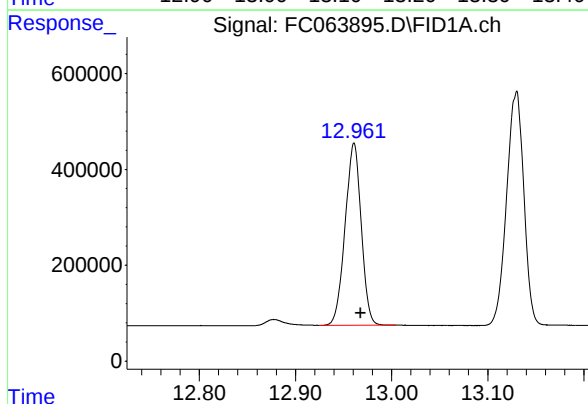
ClientSampleId :

PB153545BSD

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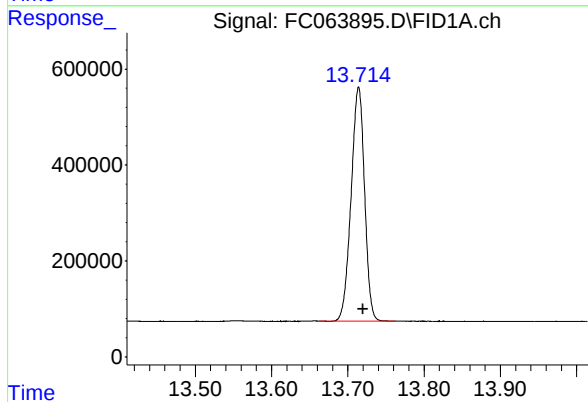
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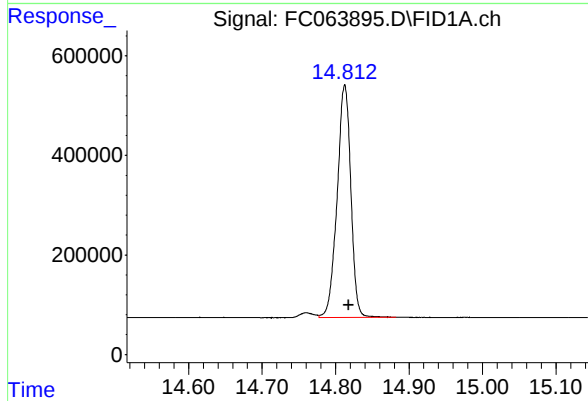
#12 1-chlorooctadecane (SURR)

R.T.: 12.961 min  
Delta R.T.: -0.007 min  
Response: 4432282  
Conc: 34.69 ug/ml



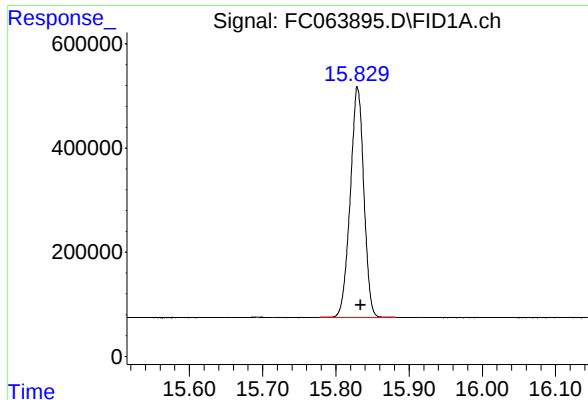
#13 n-Docosane (C22)

R.T.: 13.714 min  
Delta R.T.: -0.005 min  
Response: 5978527  
Conc: 42.44 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.813 min  
Delta R.T.: -0.005 min  
Response: 6060342  
Conc: 44.17 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.830 min  
Delta R.T.: -0.004 min  
Response: 5704482  
Conc: 43.02 ug/ml

Instrument :

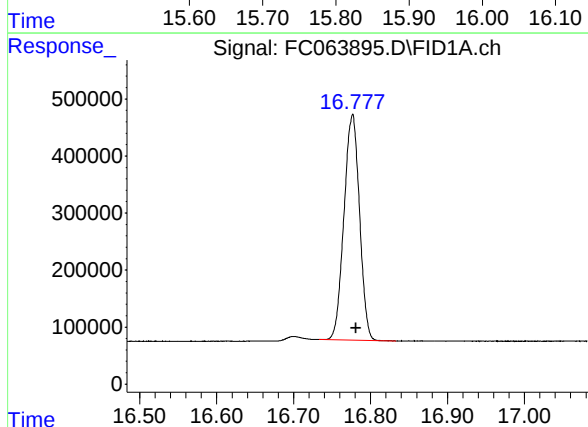
FID\_C

ClientSampleId :

PB153545BSD

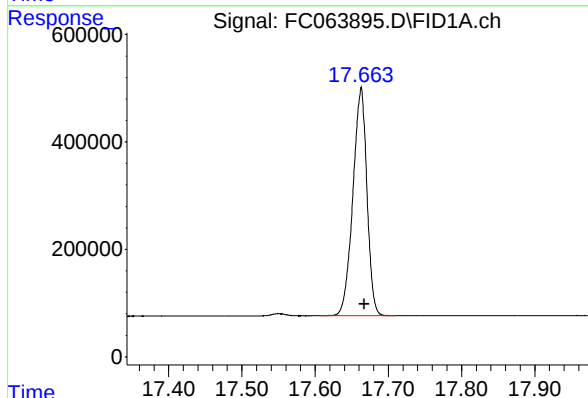
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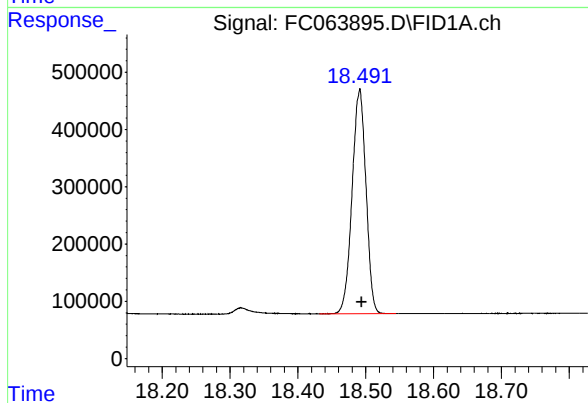
#16 n-Octacosane (C28)

R.T.: 16.777 min  
Delta R.T.: -0.004 min  
Response: 5544843  
Conc: 43.67 ug/ml



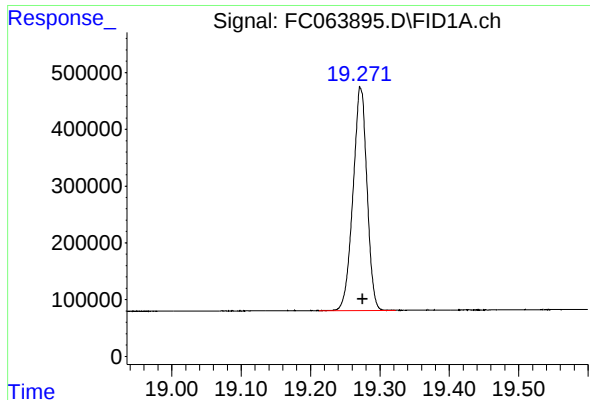
#17 n-Tricontane (C30)

R.T.: 17.663 min  
Delta R.T.: -0.004 min  
Response: 5650543  
Conc: 44.23 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.491 min  
Delta R.T.: -0.003 min  
Response: 5561498  
Conc: 44.69 ug/ml



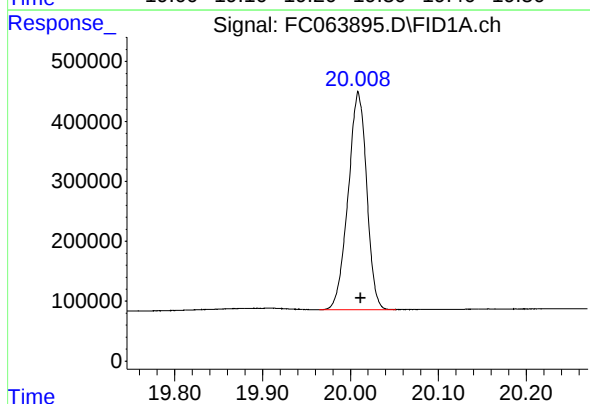
#19 n-Tetratriacontane (C34)

R.T.: 19.272 min  
Delta R.T.: -0.003 min  
Response: 5511640  
Conc: 44.70 ug/ml

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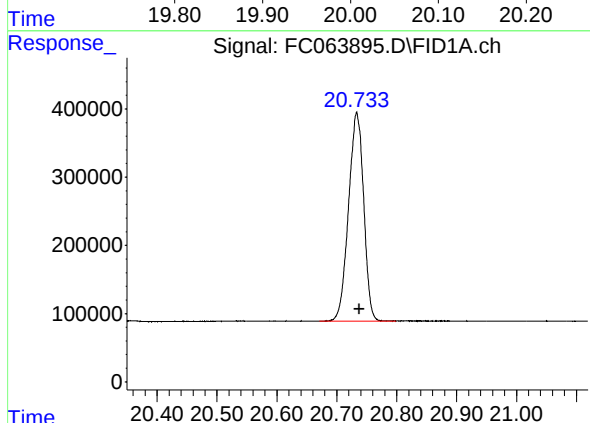
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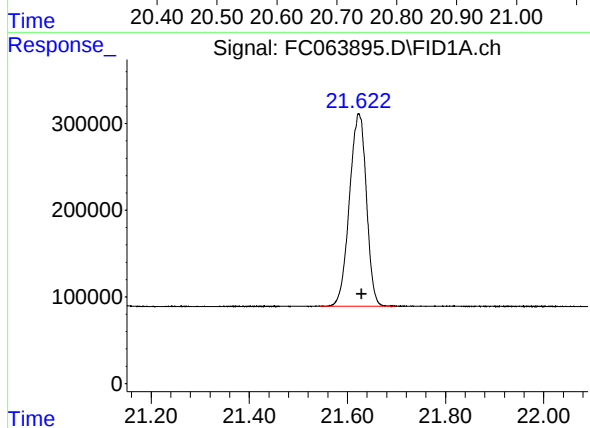
#20 n-Hexatriacontane (C36)

R.T.: 20.008 min  
Delta R.T.: -0.003 min  
Response: 5337661  
Conc: 44.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.733 min  
Delta R.T.: -0.004 min  
Response: 5363020  
Conc: 44.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.623 min  
Delta R.T.: -0.006 min  
Response: 5323708  
Conc: 43.94 ug/ml