

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE042423AL\  
 Data File : FE041518.D  
 Signal(s) : FID1B.ch  
 Acq On : 24 Apr 2023 14:50  
 Operator : YP\AJ  
 Sample : 02423-02MS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 SPD-1WC-23-04-18MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/25/2023  
 Supervised By :Ankita Jodhani 04/25/2023

Integration File: sample.E  
 Quant Time: Apr 25 01:36:32 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 042123.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 07:33:51 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)    | 11.986  | 5018564    | 26.750 ug/ml  |
| Spiked Amount 50.000           |         | Recovery = | 53.50%        |
| 12) S 1-chlorooctadecane (S... | 13.423  | 4088955    | 28.944 ug/ml  |
| Spiked Amount 50.000           |         | Recovery = | 57.89%        |
| Target Compounds               |         |            |               |
| 1) T n-Nonane (C9)             | 3.379   | 6672237    | 45.391 ug/ml  |
| 2) T n-Decane (C10)            | 4.624   | 6771602    | 45.150 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.325   | 7435986    | 44.933 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.785   | 6917263    | 45.495 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.421   | 7025715    | 43.571 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.614   | 6846669    | 45.072 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.222  | 6955312    | 43.584 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.668  | 7022649    | 42.844 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.979  | 6874928    | 42.743 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.591  | 6715988    | 42.141 ug/ml  |
| 13) T n-Docosane (C22)         | 14.178  | 6687890    | 41.975 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.274  | 13254543   | 82.214 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.306  | 6374508    | 40.320 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.257  | 6453247    | 41.939 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.146  | 6381777    | 41.902 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.979  | 6070769    | 40.749 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.764  | 5938510    | 42.154 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.505  | 5516897    | 41.254 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.267  | 5338578    | 40.403 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.214f | 5905748    | 46.645 ug/mlm |
| -----                          |         |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID1B.ch  
Acq On : 24 Apr 2023 14:50  
Operator : YP\AJ  
Sample : 02423-02MS  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

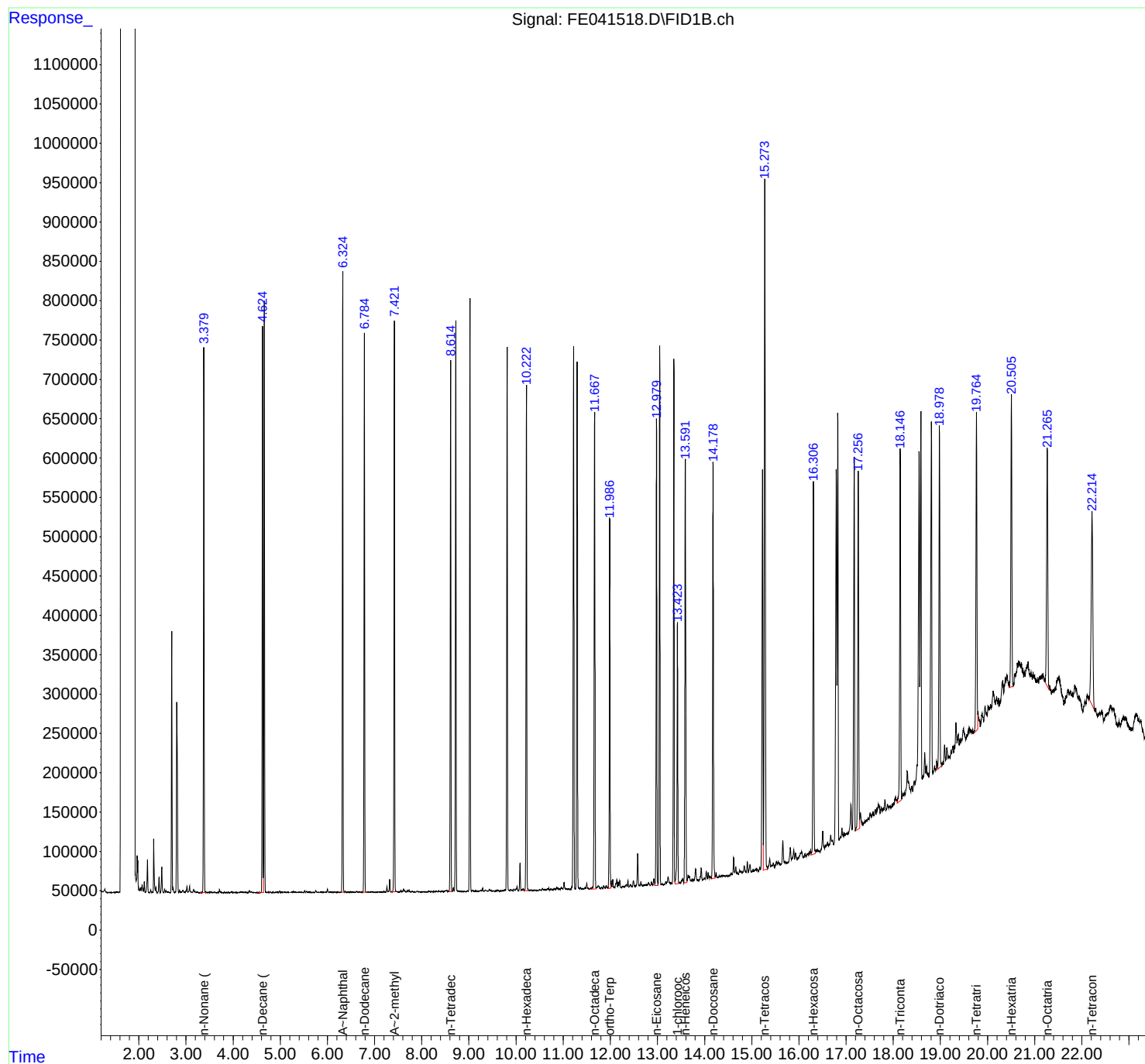
Instrument :  
FID\_E  
ClientSampleId :  
SPD-1WC-23-04-18MS

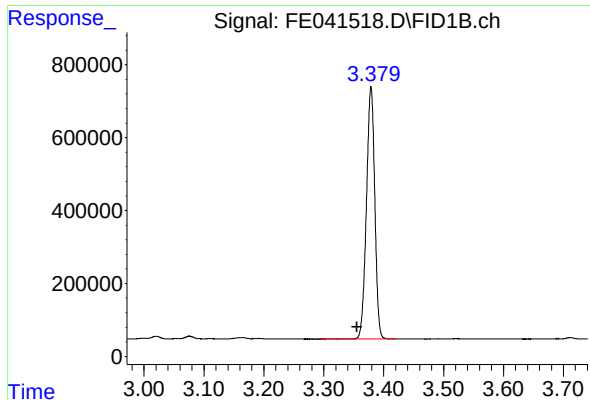
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Quant Time: Apr 25 01:36:32 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 042123.  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





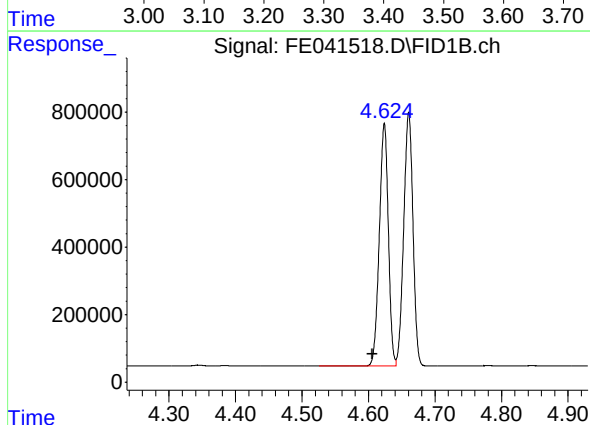
#1 n-Nonane (C9)

R.T.: 3.379 min  
Delta R.T.: 0.024 min  
Response: 6672237  
Conc: 45.39 ug/ml

Instrument :  
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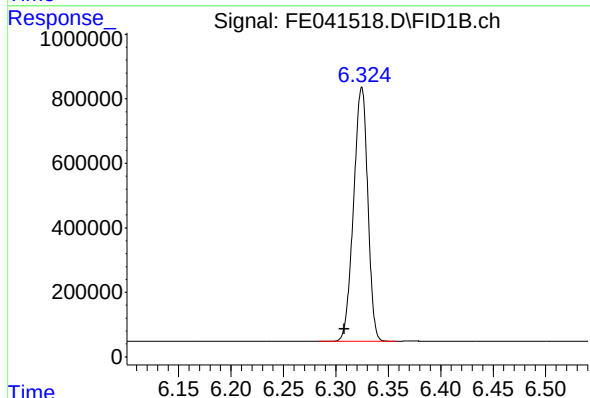
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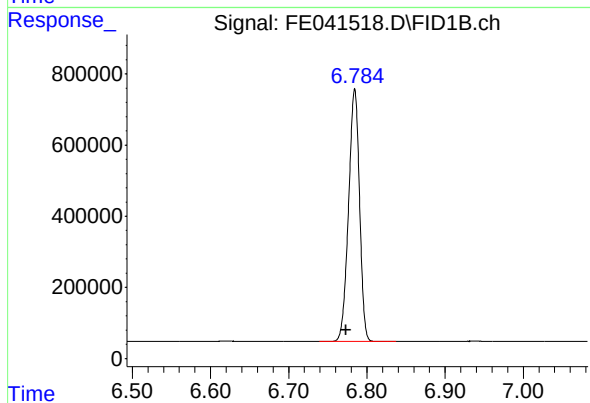
#2 n-Decane (C10)

R.T.: 4.624 min  
Delta R.T.: 0.018 min  
Response: 6771602  
Conc: 45.15 ug/ml



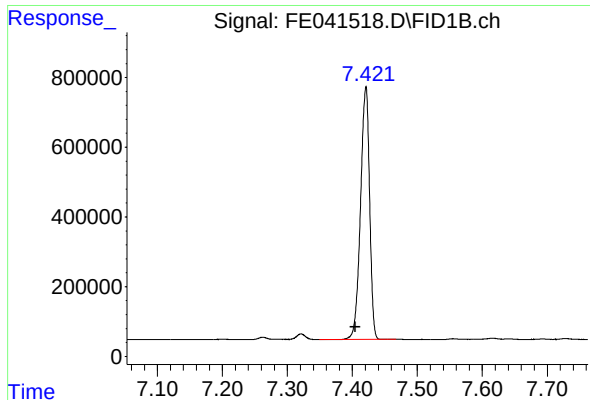
#3 A~Naphthalene (C11.7)

R.T.: 6.325 min  
Delta R.T.: 0.016 min  
Response: 7435986  
Conc: 44.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.785 min  
Delta R.T.: 0.011 min  
Response: 6917263  
Conc: 45.50 ug/ml



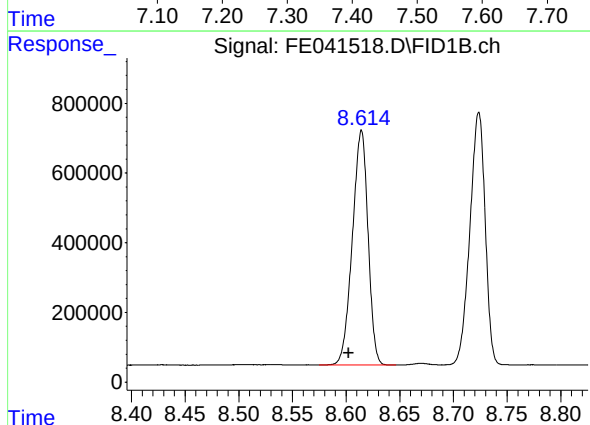
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.421 min  
Delta R.T.: 0.017 min  
Response: 7025715  
Conc: 43.57 ug/ml

Instrument : FID\_E  
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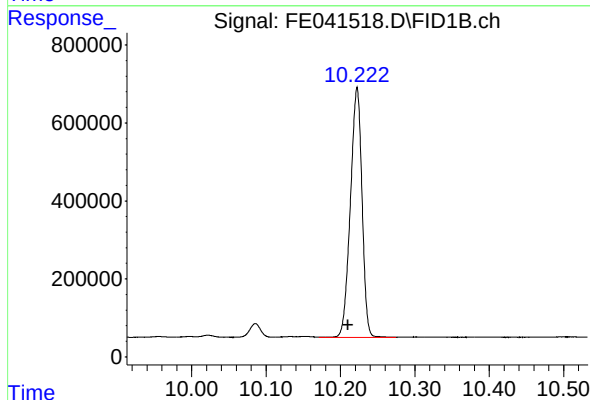
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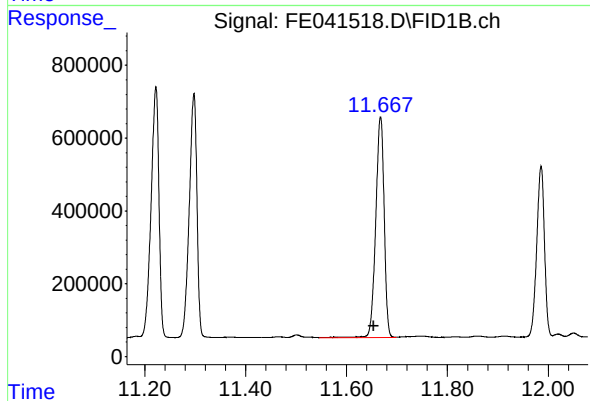
#6 n-Tetradecane (C14)

R.T.: 8.614 min  
Delta R.T.: 0.012 min  
Response: 6846669  
Conc: 45.07 ug/ml



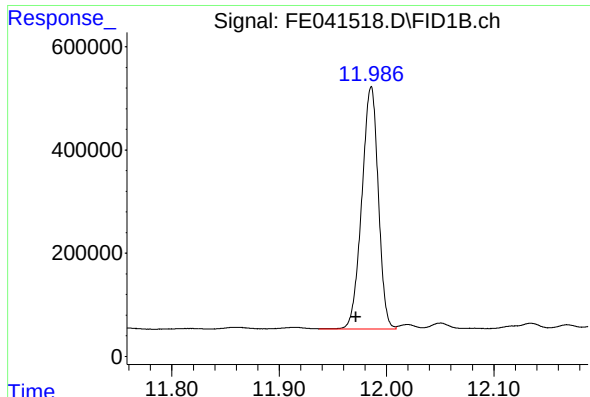
#7 n-Hexadecane (C16)

R.T.: 10.222 min  
Delta R.T.: 0.013 min  
Response: 6955312  
Conc: 43.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.668 min  
Delta R.T.: 0.014 min  
Response: 7022649  
Conc: 42.84 ug/ml



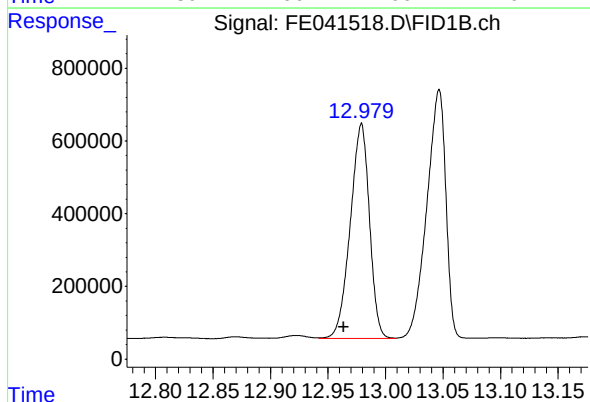
#9 ortho-Terphenyl (SURR)

R.T.: 11.986 min  
Delta R.T.: 0.014 min  
Response: 5018564  
Conc: 26.75 ug/ml

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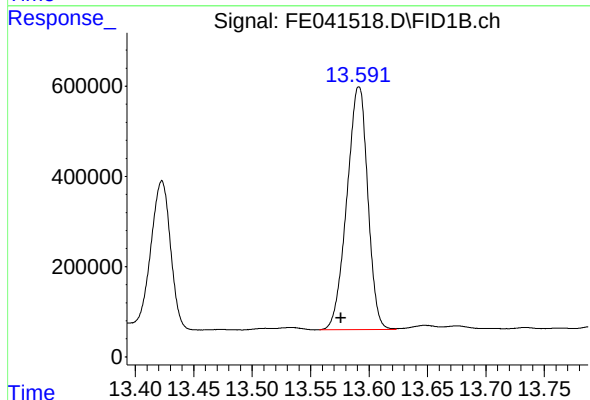
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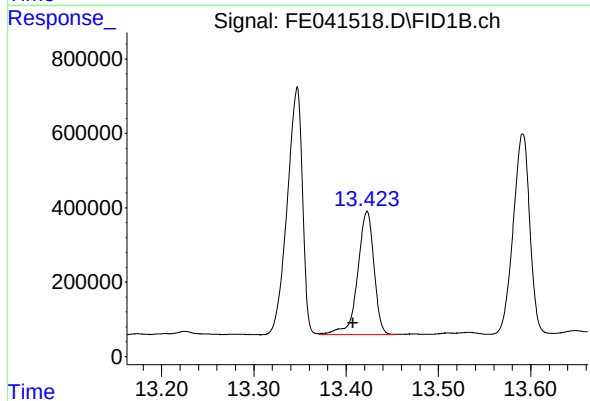
#10 n-Eicosane (C20)

R.T.: 12.979 min  
Delta R.T.: 0.015 min  
Response: 6874928  
Conc: 42.74 ug/ml



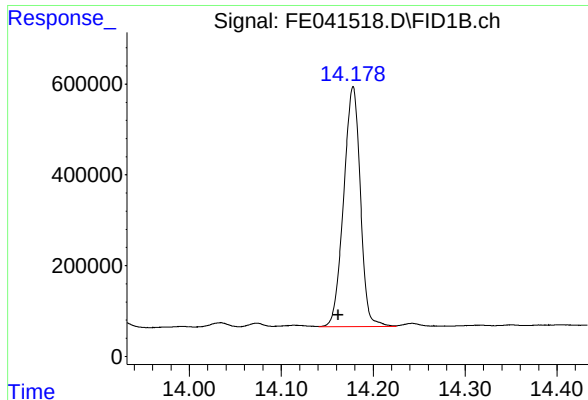
#11 n-Heneicosane (C21)

R.T.: 13.591 min  
Delta R.T.: 0.016 min  
Response: 6715988  
Conc: 42.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.423 min  
Delta R.T.: 0.015 min  
Response: 4088955  
Conc: 28.94 ug/ml



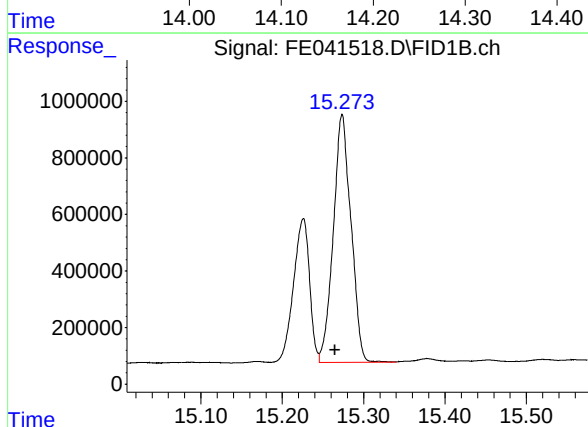
#13 n-Docosane (C22)

R.T.: 14.178 min  
Delta R.T.: 0.016 min  
Response: 6687890  
Conc: 41.98 ug/ml

Instrument :  
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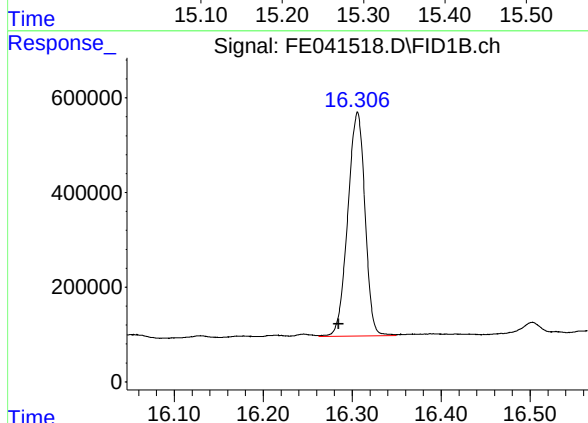
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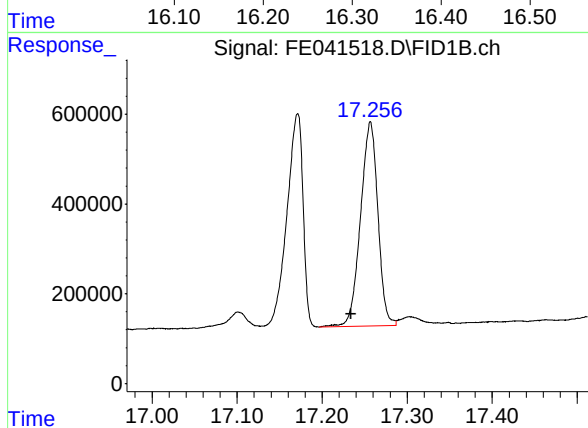
#14 n-Tetracosane (C24)

R.T.: 15.274 min  
Delta R.T.: 0.009 min  
Response: 13254543  
Conc: 82.21 ug/ml



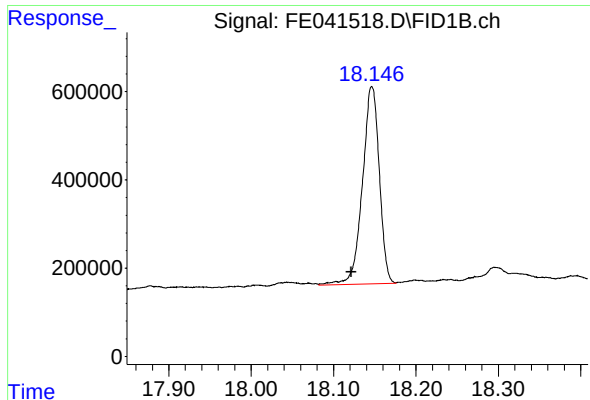
#15 n-Hexacosane (C26)

R.T.: 16.306 min  
Delta R.T.: 0.021 min  
Response: 6374508  
Conc: 40.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.257 min  
Delta R.T.: 0.023 min  
Response: 6453247  
Conc: 41.94 ug/ml



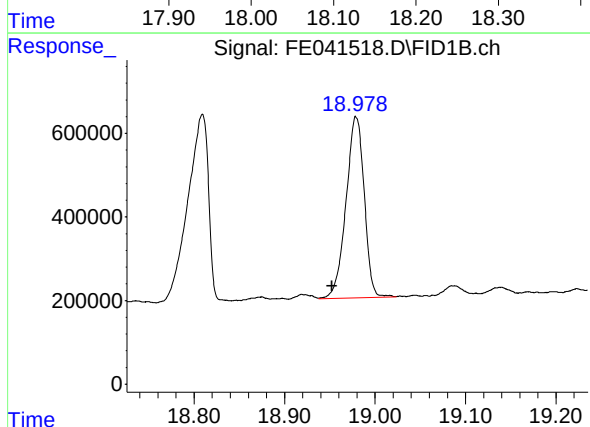
#17 n-Tricontane (C30)

R.T.: 18.146 min  
Delta R.T.: 0.025 min  
Response: 6381777  
Conc: 41.90 ug/ml

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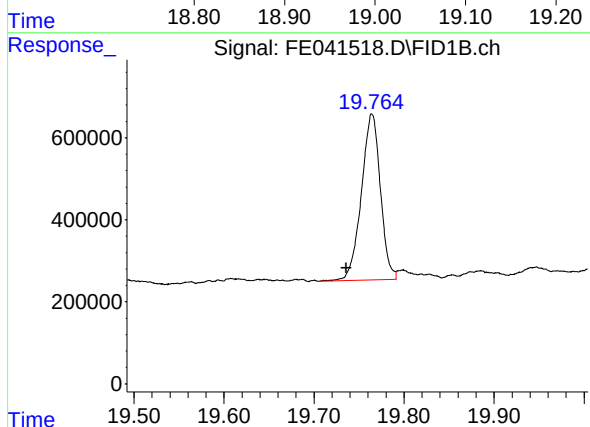
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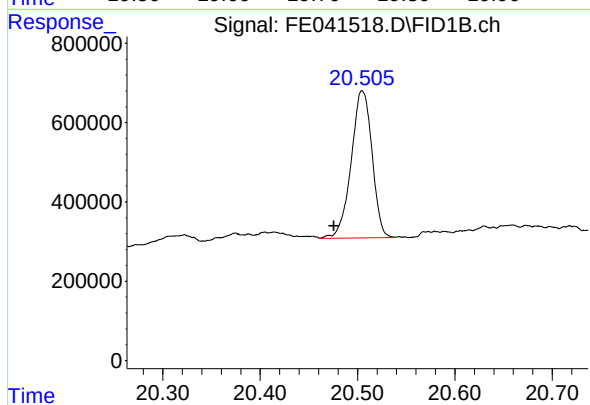
#18 n-Dotriacontane (C32)

R.T.: 18.979 min  
Delta R.T.: 0.027 min  
Response: 6070769  
Conc: 40.75 ug/ml



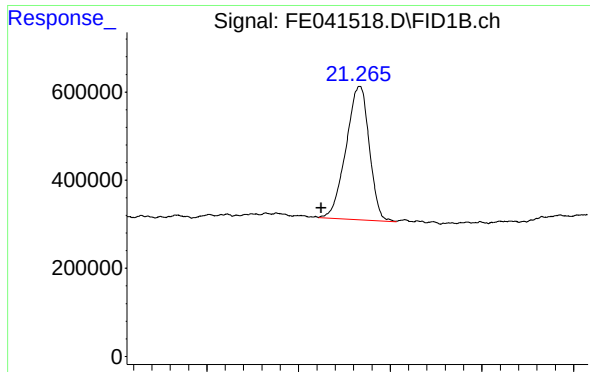
#19 n-Tetratriacontane (C34)

R.T.: 19.764 min  
Delta R.T.: 0.028 min  
Response: 5938510  
Conc: 42.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.505 min  
Delta R.T.: 0.029 min  
Response: 5516897  
Conc: 41.25 ug/ml m



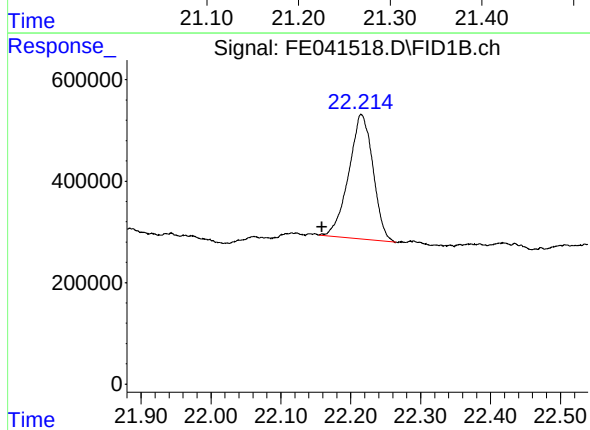
#21 n-Octatriacontane (C38)

R.T.: 21.267 min  
Delta R.T.: 0.042 min  
Response: 5338578  
Conc: 40.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.214 min  
Delta R.T.: 0.056 min  
Response: 5905748  
Conc: 46.64 ug/ml m