

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE091123AL\  
 Data File : FE044190.D  
 Signal(s) : FID1B.ch  
 Acq On : 11 Sep 2023 17:20  
 Operator : YP\AJ  
 Sample : 04333-01MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

## Instrument :

FID\_E

ClientSampleId :

WC-1MS

## Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :Ankita Jodhani 09/12/2023

Integration File: autoint1.e

Quant Time: Sep 12 01:57:10 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 083023.M

Quant Title : GC Extractables

QLast Update : Thu Aug 31 03:37:37 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)    | 11.953 | 10380051   | 54.790 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 109.58%       |
| 12) S 1-chlorooctadecane (S... | 13.395 | 7286618    | 52.745 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 105.49%       |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.320  | 4412243    | 27.047 ug/ml  |
| 2) T n-Decane (C10)            | 4.572  | 5130010    | 30.864 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.272  | 6199127    | 34.618 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.736  | 6389701    | 37.994 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.368  | 6690937    | 39.029 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.568  | 7461831    | 44.493 ug/mlm |
| 7) T n-Hexadecane (C16)        | 10.182 | 8217543    | 47.545 ug/mlm |
| 8) T n-Octadecane (C18)        | 11.641 | 9099329    | 52.274 ug/mlm |
| 10) T n-Eicosane (C20)         | 12.956 | 10037998   | 60.685 ug/mlm |
| 11) T n-Heneicosane (C21)      | 13.564 | 7405954    | 45.785 ug/mlm |
| 13) T n-Docosane (C22)         | 14.144 | 7577316    | 47.429 ug/mlm |
| 14) T n-Tetracosane (C24)      | 15.230 | 12577204   | 80.428 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.256 | 6796267    | 45.082 ug/mlm |
| 16) T n-Octacosane (C28)       | 17.202 | 6687396    | 46.340 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.091 | 6613529    | 45.522 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.925 | 6397400    | 44.911 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.709 | 6325962    | 45.205 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.448 | 5995559    | 43.733 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.192 | 6093393    | 43.896 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.114 | 6266152    | 45.321 ug/ml  |

(f)=RT Delta &gt; 1/2 Window

(m)=manual int.

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Acq On : 11 Sep 2023 17:20  
Operator : YP\AJ  
Sample : 04333-01MS  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

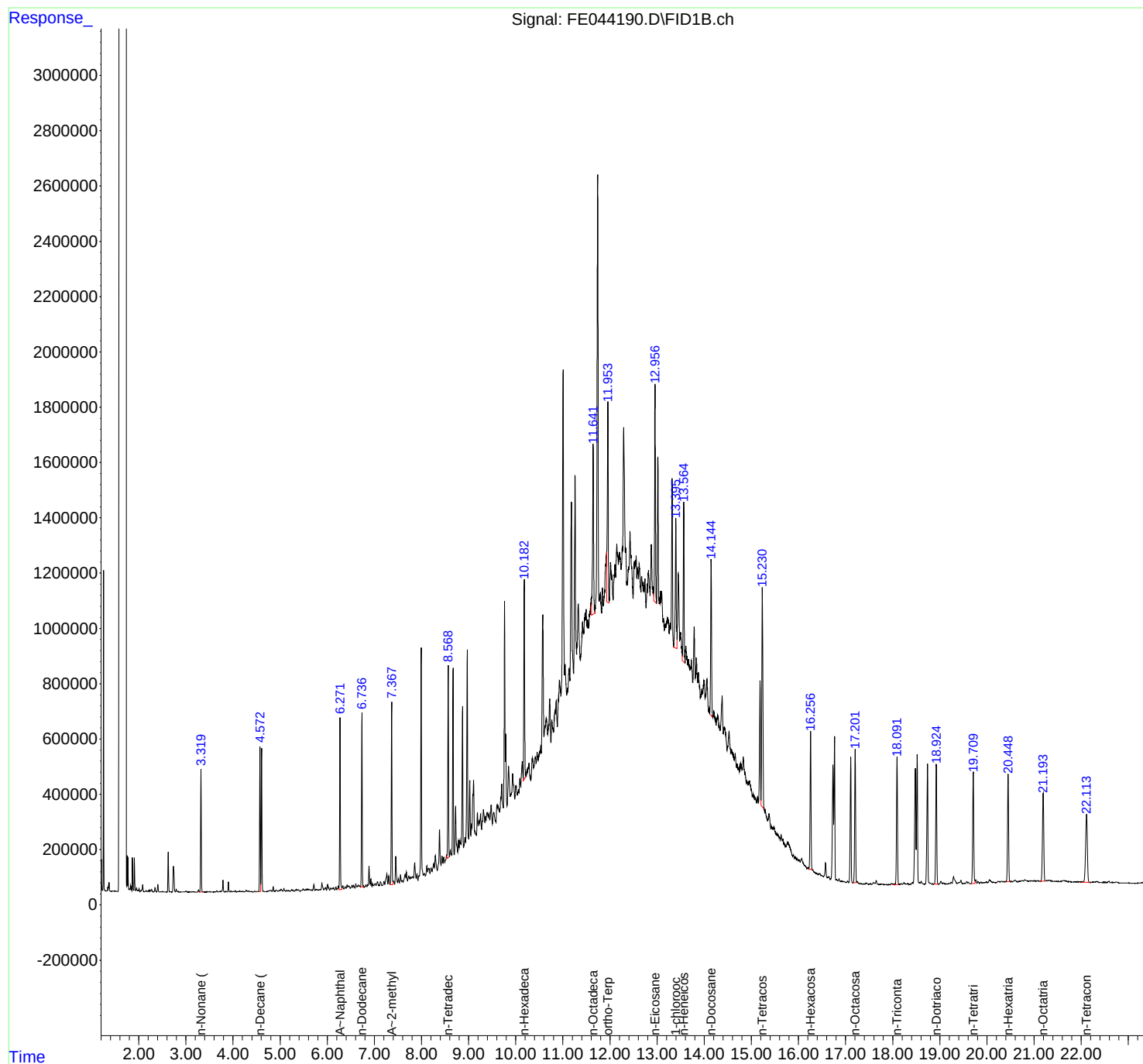
Instrument :  
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ClientSampleId :  
WC-1MS

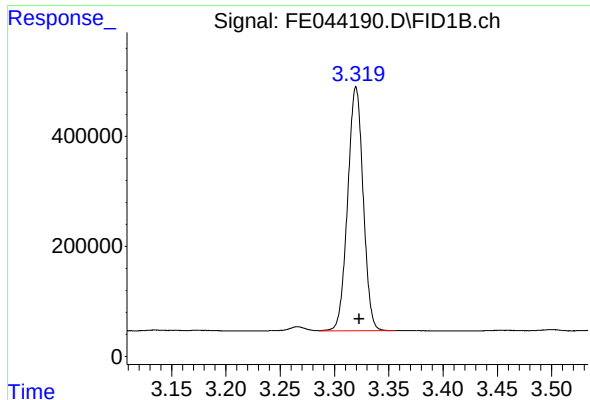
Manual Integrations  
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Supervised By :Ankita Jodhani 09/12/2023

Integration File: autoint1.e  
Quant Time: Sep 12 01:57:10 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 083023.  
Quant Title : GC Extractables  
QLast Update : Thu Aug 31 03:37:37 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





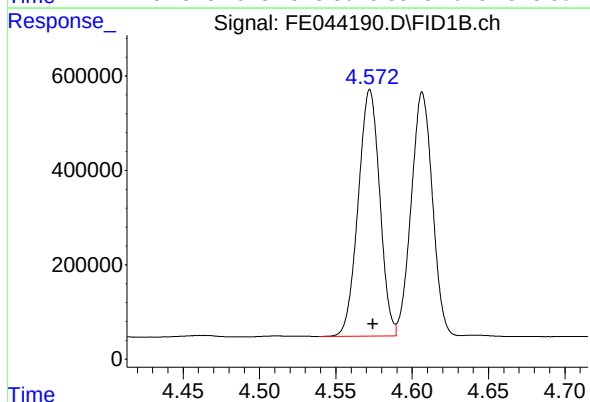
#1 n-Nonane (C9)

R.T.: 3.320 min  
Delta R.T.: -0.003 min  
Response: 4412243  
Conc: 27.05 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
WC-1MS

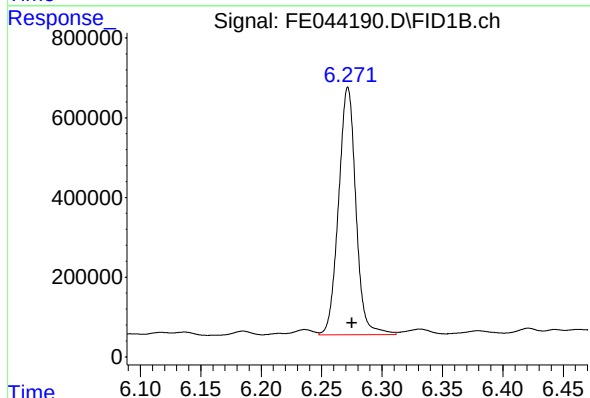
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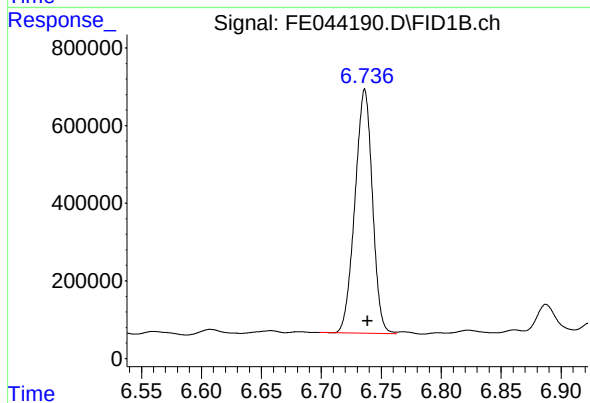
#2 n-Decane (C10)

R.T.: 4.572 min  
Delta R.T.: -0.002 min  
Response: 5130010  
Conc: 30.86 ug/ml



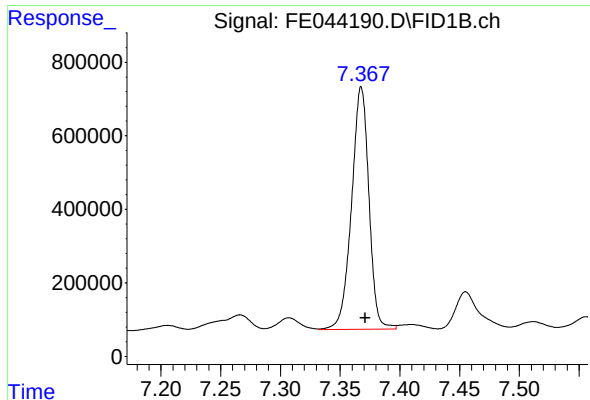
#3 A~Naphthalene (C11.7)

R.T.: 6.272 min  
Delta R.T.: -0.003 min  
Response: 6199127  
Conc: 34.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.736 min  
Delta R.T.: -0.003 min  
Response: 6389701  
Conc: 37.99 ug/ml



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

R.T.: 7.368 min  
Delta R.T.: -0.004 min  
Response: 6690937  
Conc: 39.03 ug/ml

Instrument :

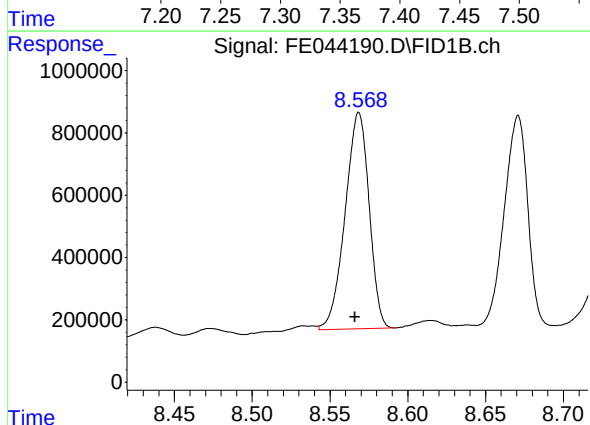
FID\_E

ClientSampleId :

WC-1MS

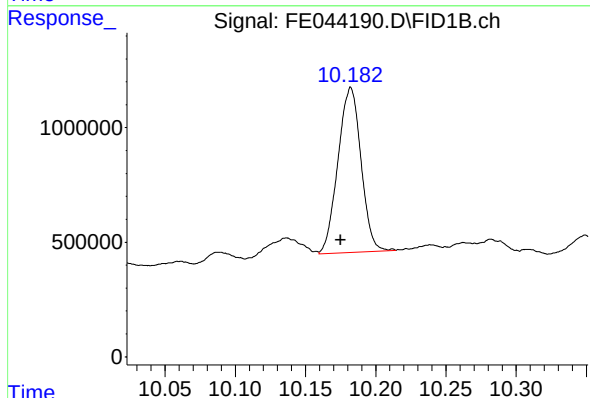
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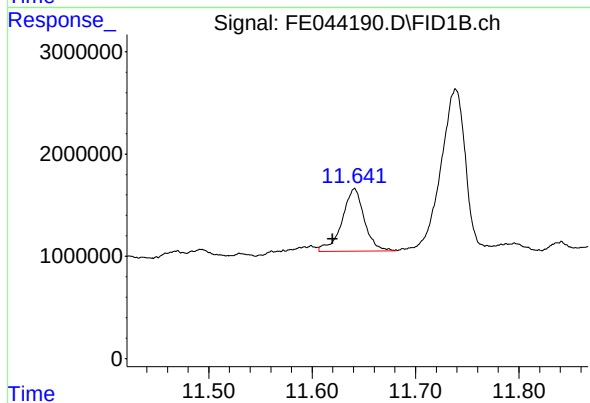
#6 n-Tetradecane (C14)

R.T.: 8.568 min  
Delta R.T.: 0.002 min  
Response: 7461831  
Conc: 44.49 ug/ml m



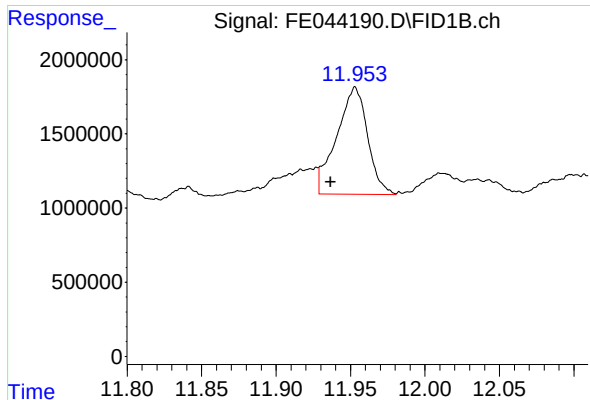
#7 n-Hexadecane (C16)

R.T.: 10.182 min  
Delta R.T.: 0.007 min  
Response: 8217543  
Conc: 47.55 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.641 min  
Delta R.T.: 0.021 min  
Response: 9099329  
Conc: 52.27 ug/ml m



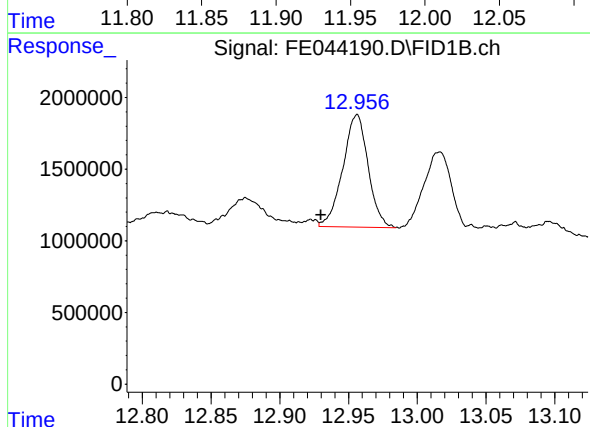
#9 ortho-Terphenyl (SURR)

R.T.: 11.953 min  
Delta R.T.: 0.016 min  
Response: 10380051  
Conc: 54.79 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
WC-1MS

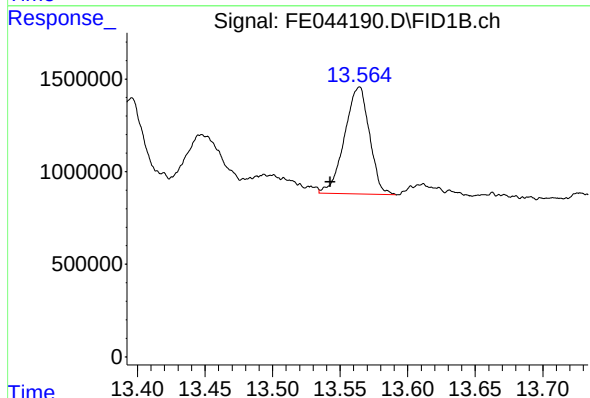
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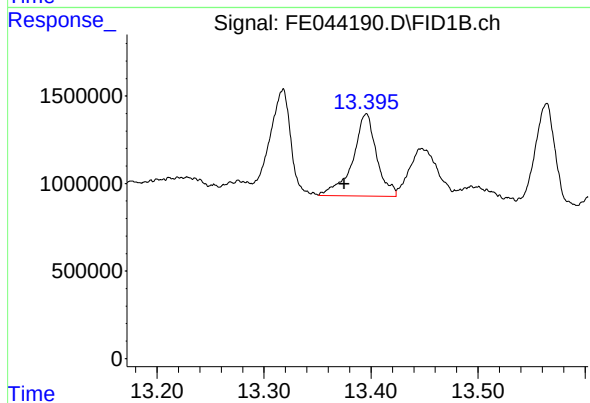
#10 n-Eicosane (C20)

R.T.: 12.956 min  
Delta R.T.: 0.026 min  
Response: 10037998  
Conc: 60.69 ug/ml m



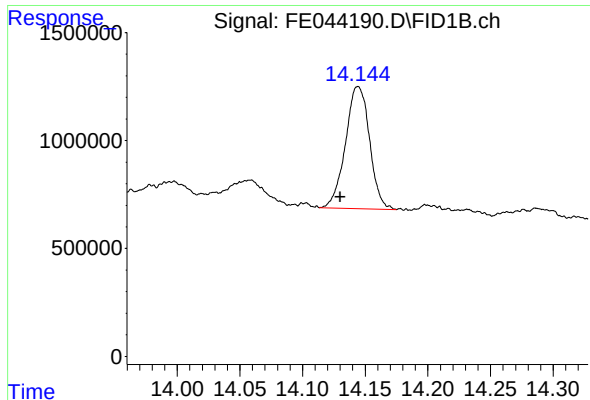
#11 n-Heneicosane (C21)

R.T.: 13.564 min  
Delta R.T.: 0.022 min  
Response: 7405954  
Conc: 45.79 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.395 min  
Delta R.T.: 0.020 min  
Response: 7286618  
Conc: 52.75 ug/ml m



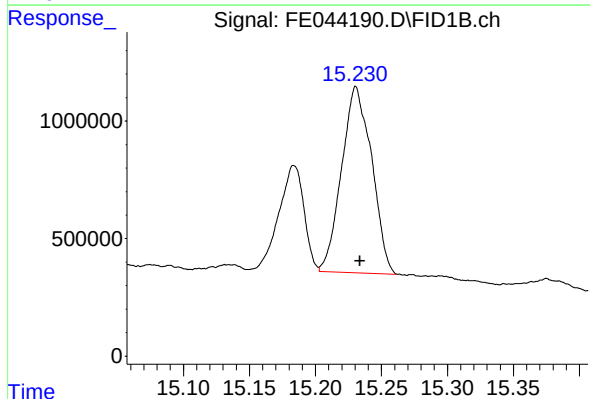
#13 n-Docosane (C22)

R.T.: 14.144 min  
Delta R.T.: 0.014 min  
Response: 7577316  
Conc: 47.43 ug/ml

Instrument :  
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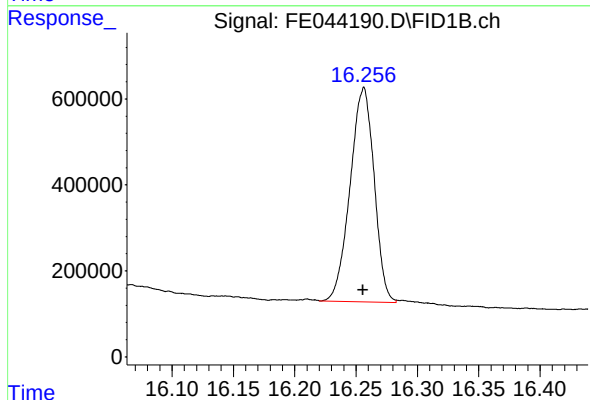
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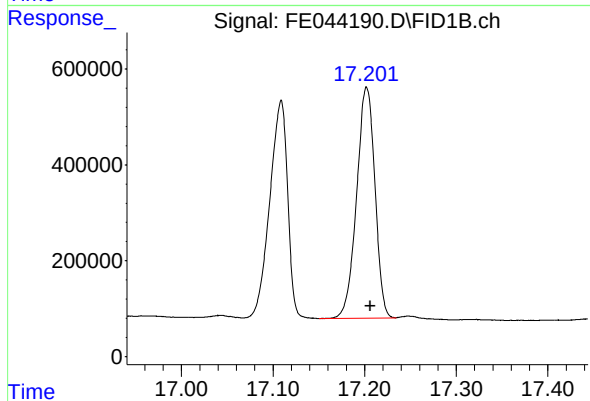
#14 n-Tetracosane (C24)

R.T.: 15.230 min  
Delta R.T.: -0.004 min  
Response: 12577204  
Conc: 80.43 ug/ml m



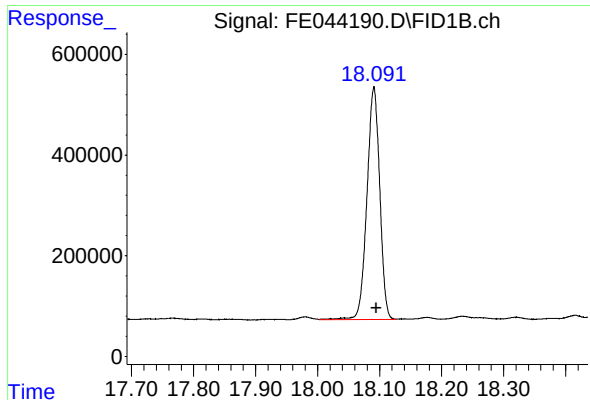
#15 n-Hexacosane (C26)

R.T.: 16.256 min  
Delta R.T.: 0.000 min  
Response: 6796267  
Conc: 45.08 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.202 min  
Delta R.T.: -0.004 min  
Response: 6687396  
Conc: 46.34 ug/ml



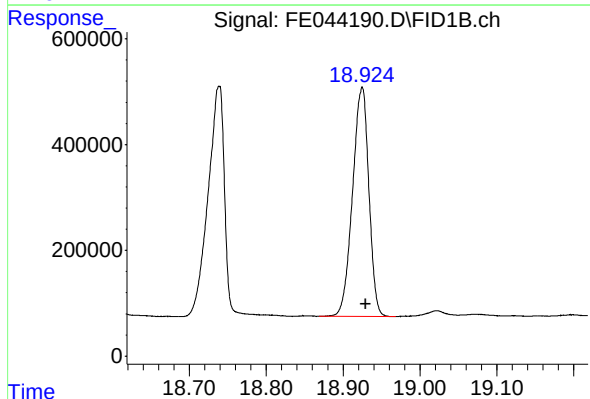
#17 n-Tricontane (C30)

R.T.: 18.091 min  
Delta R.T.: -0.004 min  
Response: 6613529  
Conc: 45.52 ug/ml

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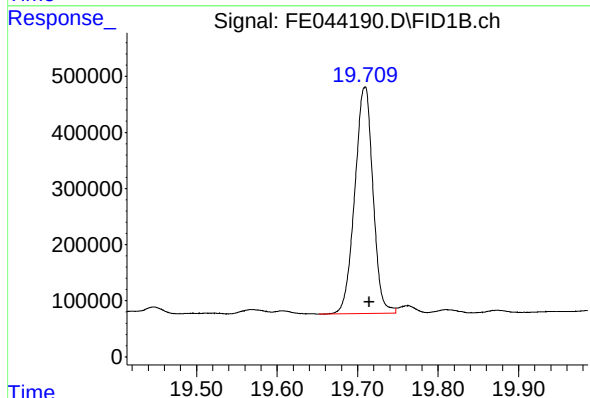
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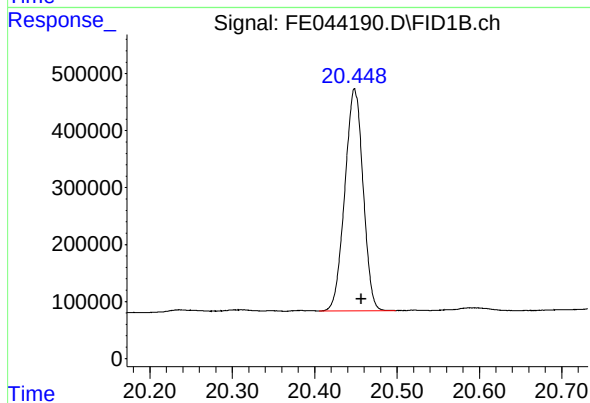
#18 n-Dotriacontane (C32)

R.T.: 18.925 min  
Delta R.T.: -0.005 min  
Response: 6397400  
Conc: 44.91 ug/ml



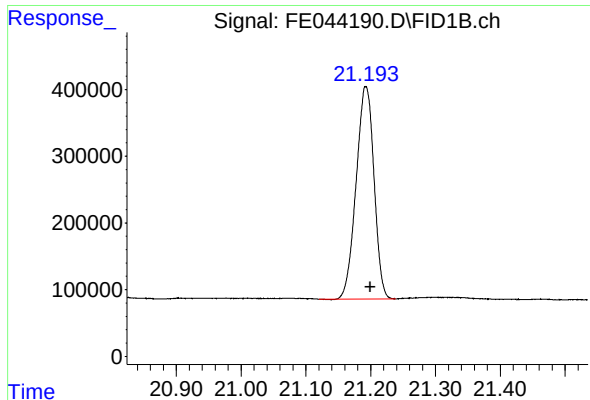
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min  
Delta R.T.: -0.005 min  
Response: 6325962  
Conc: 45.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.448 min  
Delta R.T.: -0.008 min  
Response: 5995559  
Conc: 43.73 ug/ml



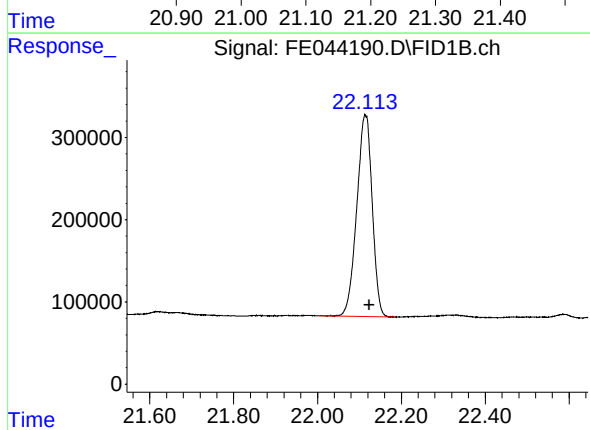
#21 n-Octatriacontane (C38)

R.T.: 21.192 min  
Delta R.T.: -0.007 min  
Response: 6093393  
Conc: 43.90 ug/ml

Instrument :  
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#22 n-Tetracontane (C40)

R.T.: 22.114 min  
Delta R.T.: -0.010 min  
Response: 6266152  
Conc: 45.32 ug/ml