

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE081623AL\  
 Data File : FE043999.D  
 Signal(s) : FID1B.ch  
 Acq On : 16 Aug 2023 20:54  
 Operator : YP\AJ  
 Sample : 04022-04MS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 TP-15MS

Integration File: autoint1.e  
 Quant Time: Aug 16 23:39:19 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 080323.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 02 09:56:52 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)    | 11.950 | 5124004    | 24.865 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 49.73%        |
| 12) S 1-chlorooctadecane (S... | 13.387 | 4038213    | 25.878 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 51.76%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.345  | 4852317    | 30.048 ug/ml  |
| 2) T n-Decane (C10)            | 4.594  | 5547946    | 33.662 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.293  | 6349569    | 34.874 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.754  | 5994938    | 35.820 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.388  | 6376865    | 35.819 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.582  | 6148614    | 36.494 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.189 | 6588708    | 37.351 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.633 | 6941750    | 38.321 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.944 | 7069189    | 39.946 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.556 | 6798415    | 38.396 ug/ml  |
| 13) T n-Docosane (C22)         | 14.143 | 6693170    | 38.159 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.230 | 12561581   | 71.494 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.268 | 6224577    | 36.015 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.217 | 6075880    | 36.313 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.108 | 5949069    | 35.918 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.940 | 5701479    | 36.110 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.724 | 5318022    | 35.788 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.465 | 4904916    | 35.091 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.210 | 4991387    | 37.415 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.138 | 5158063    | 39.976 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

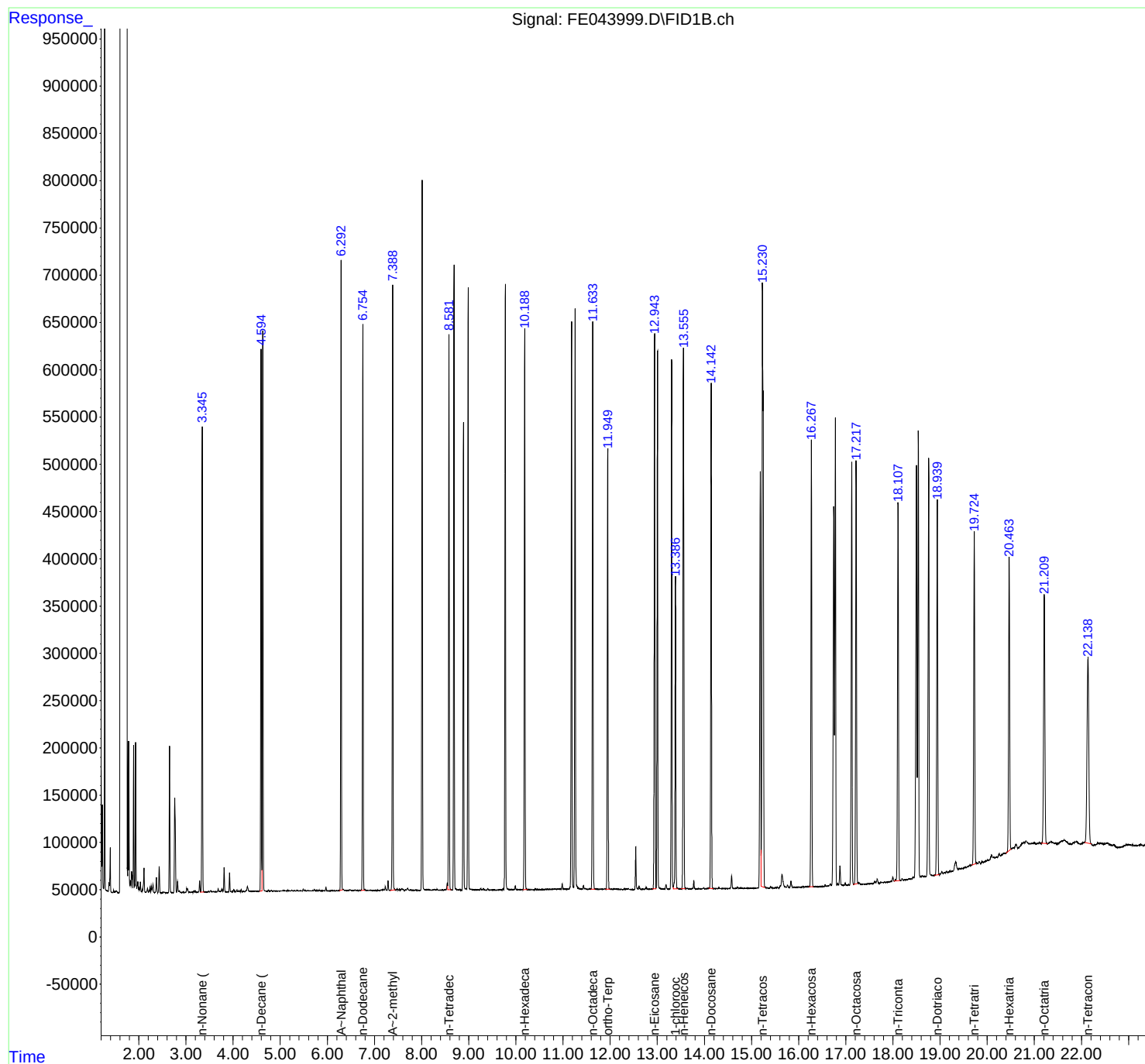
(m)=manual int.

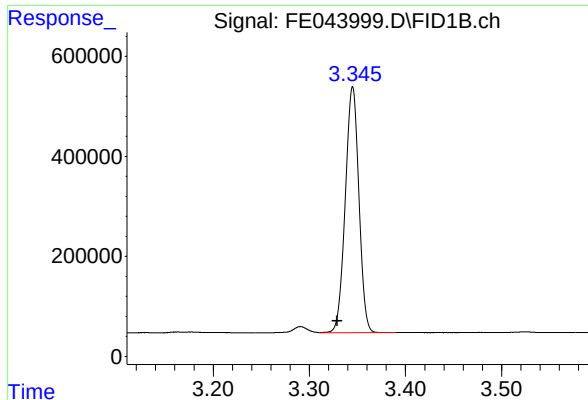
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE081623AL\  
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Volume Inj. : 1 ul  
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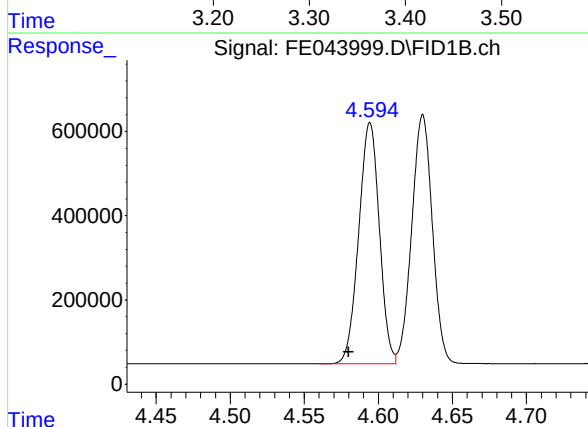




#1 n-Nonane (C9)

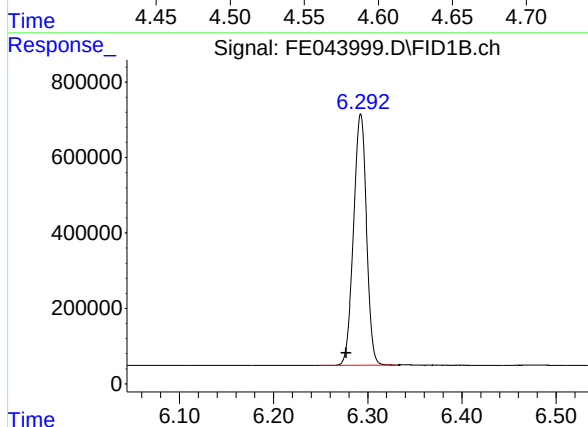
R.T.: 3.345 min  
Delta R.T.: 0.016 min  
Response: 4852317  
Conc: 30.05 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
TP-15MS



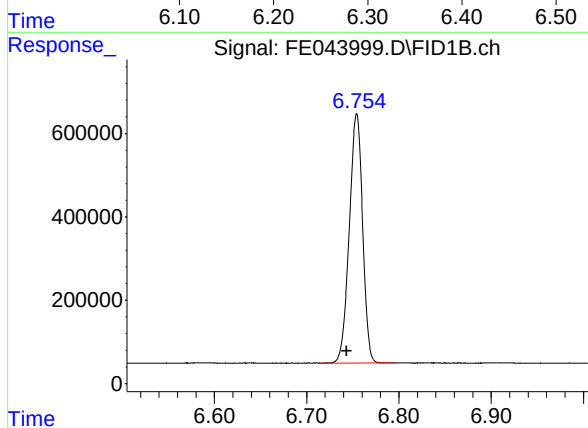
#2 n-Decane (C10)

R.T.: 4.594 min  
Delta R.T.: 0.014 min  
Response: 5547946  
Conc: 33.66 ug/ml



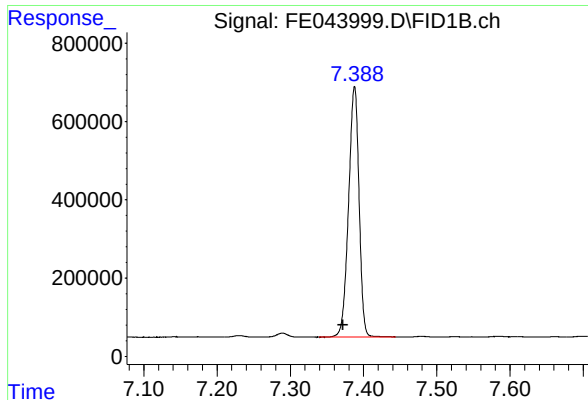
#3 A~Naphthalene (C11.7)

R.T.: 6.293 min  
Delta R.T.: 0.015 min  
Response: 6349569  
Conc: 34.87 ug/ml



#4 n-Dodecane (C12)

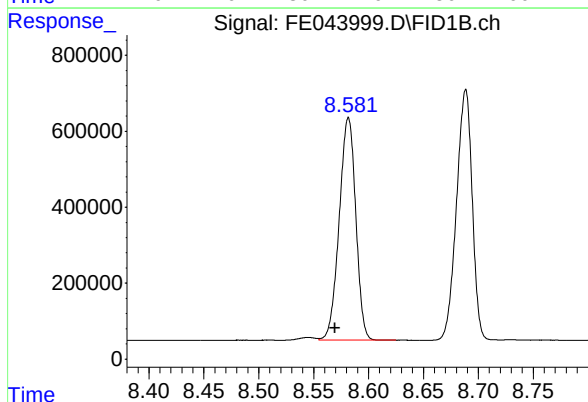
R.T.: 6.754 min  
Delta R.T.: 0.011 min  
Response: 5994938  
Conc: 35.82 ug/ml



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

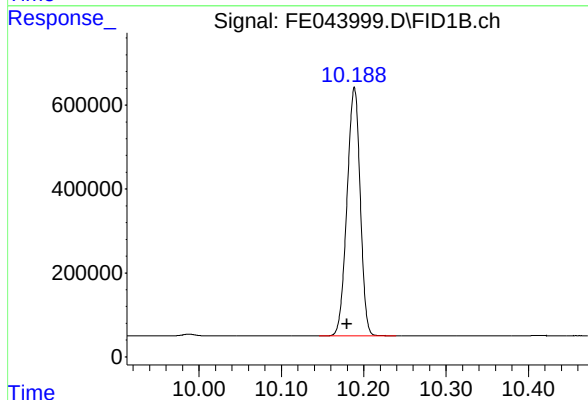
R.T.: 7.388 min  
Delta R.T.: 0.016 min  
Response: 6376865  
Conc: 35.82 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
TP-15MS



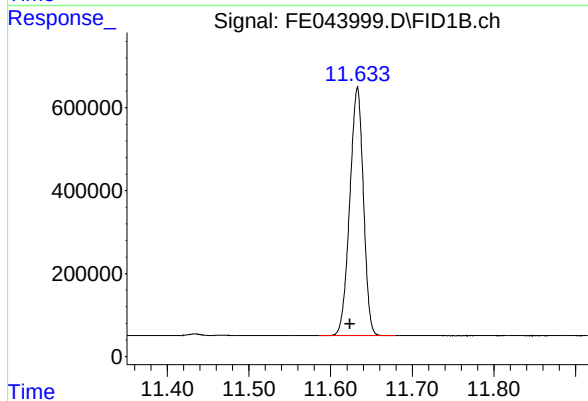
#6 n-Tetradecane (C14)

R.T.: 8.582 min  
Delta R.T.: 0.012 min  
Response: 6148614  
Conc: 36.49 ug/ml



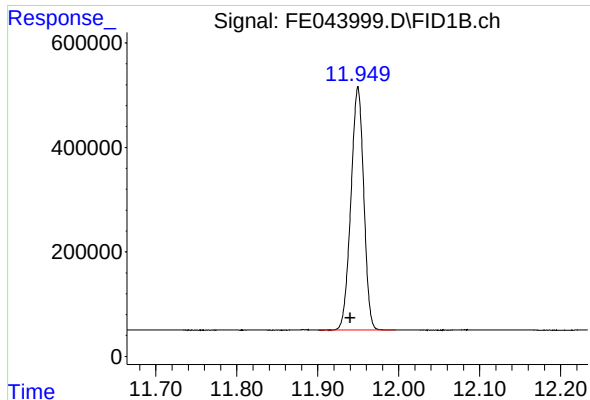
#7 n-Hexadecane (C16)

R.T.: 10.189 min  
Delta R.T.: 0.009 min  
Response: 6588708  
Conc: 37.35 ug/ml



#8 n-Octadecane (C18)

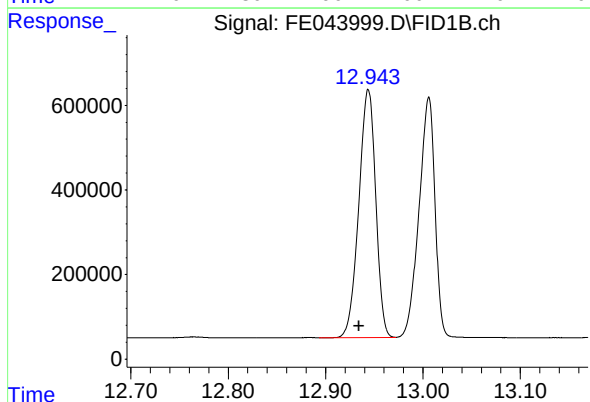
R.T.: 11.633 min  
Delta R.T.: 0.009 min  
Response: 6941750  
Conc: 38.32 ug/ml



#9 ortho-Terphenyl (SURR)

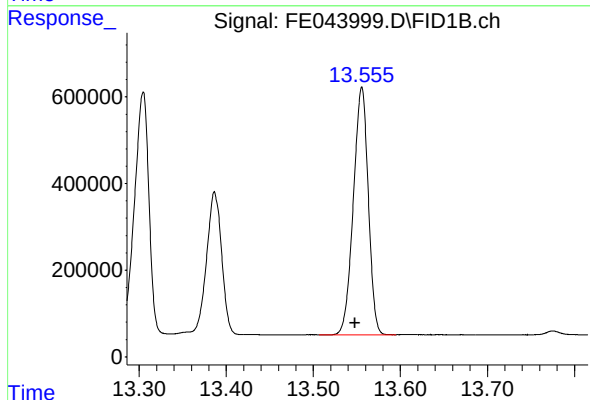
R.T.: 11.950 min  
Delta R.T.: 0.009 min  
Response: 5124004  
Conc: 24.86 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
TP-15MS



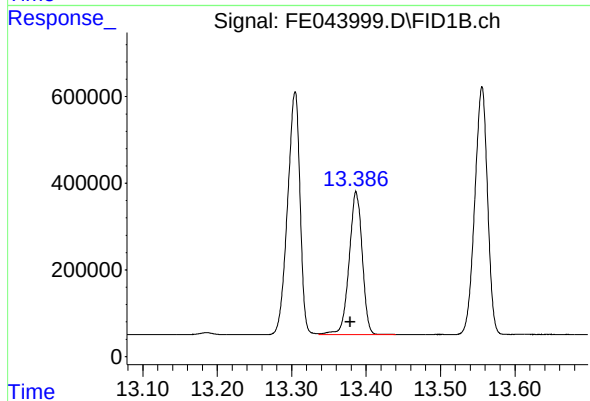
#10 n-Eicosane (C20)

R.T.: 12.944 min  
Delta R.T.: 0.010 min  
Response: 7069189  
Conc: 39.95 ug/ml



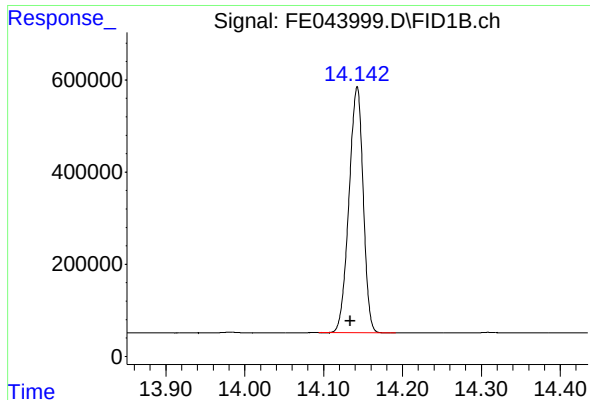
#11 n-Heneicosane (C21)

R.T.: 13.556 min  
Delta R.T.: 0.008 min  
Response: 6798415  
Conc: 38.40 ug/ml



#12 1-chlorooctadecane (SURR)

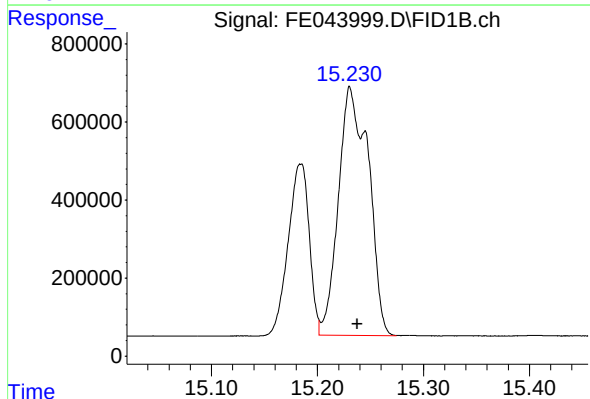
R.T.: 13.387 min  
Delta R.T.: 0.007 min  
Response: 4038213  
Conc: 25.88 ug/ml



#13 n-Docosane (C22)

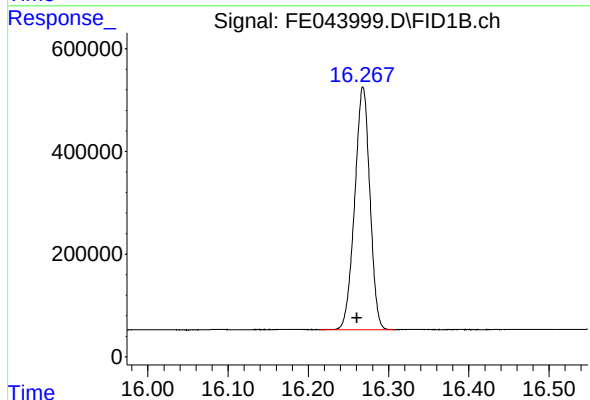
R.T.: 14.143 min  
Delta R.T.: 0.009 min  
Response: 6693170  
Conc: 38.16 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
TP-15MS



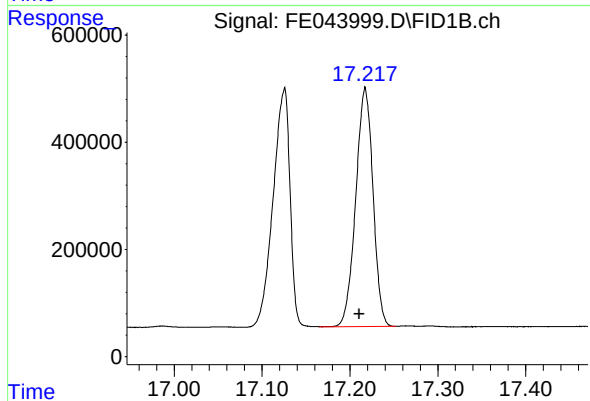
#14 n-Tetracosane (C24)

R.T.: 15.230 min  
Delta R.T.: -0.008 min  
Response: 12561581  
Conc: 71.49 ug/ml m



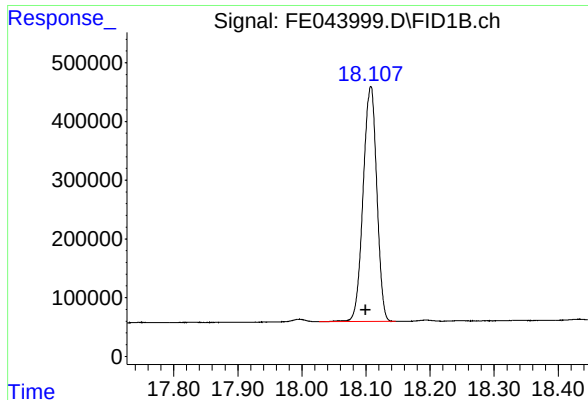
#15 n-Hexacosane (C26)

R.T.: 16.268 min  
Delta R.T.: 0.008 min  
Response: 6224577  
Conc: 36.01 ug/ml



#16 n-Octacosane (C28)

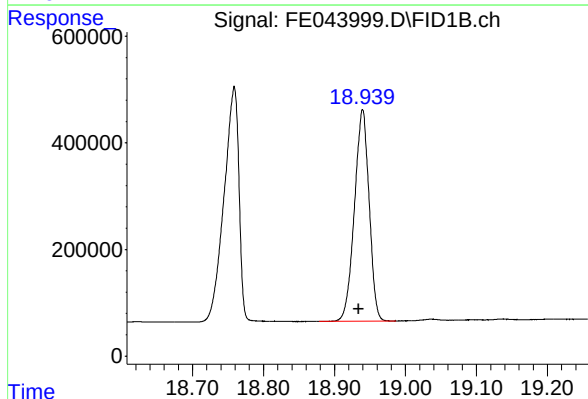
R.T.: 17.217 min  
Delta R.T.: 0.007 min  
Response: 6075880  
Conc: 36.31 ug/ml



#17 n-Tricontane (C30)

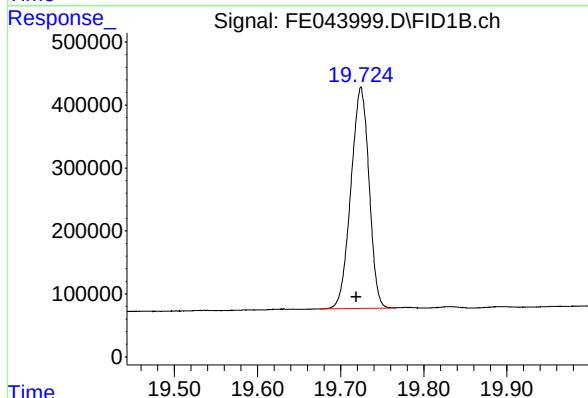
R.T.: 18.108 min  
Delta R.T.: 0.008 min  
Response: 5949069  
Conc: 35.92 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
TP-15MS



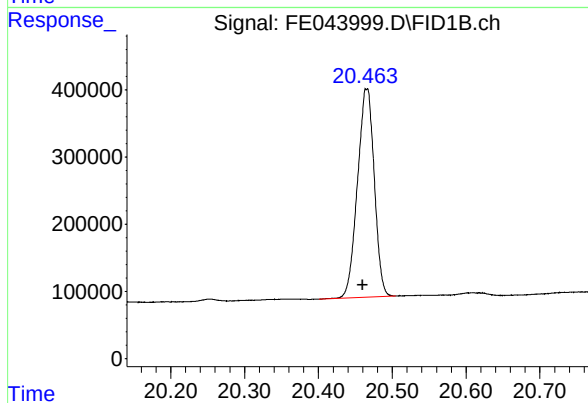
#18 n-Dotriacontane (C32)

R.T.: 18.940 min  
Delta R.T.: 0.006 min  
Response: 5701479  
Conc: 36.11 ug/ml



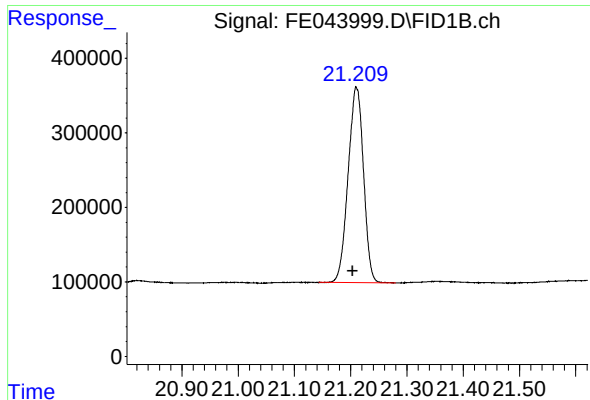
#19 n-Tetatriacontane (C34)

R.T.: 19.724 min  
Delta R.T.: 0.006 min  
Response: 5318022  
Conc: 35.79 ug/ml



#20 n-Hexatriacontane (C36)

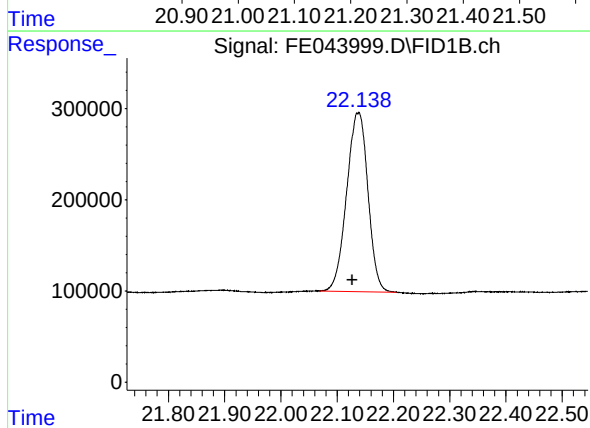
R.T.: 20.465 min  
Delta R.T.: 0.006 min  
Response: 4904916  
Conc: 35.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.210 min  
Delta R.T.: 0.007 min  
Response: 4991387  
Conc: 37.42 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
TP-15MS



#22 n-Tetracontane (C40)

R.T.: 22.138 min  
Delta R.T.: 0.012 min  
Response: 5158063  
Conc: 39.98 ug/ml m