

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE070125AL\  
 Data File : FE054652.D  
 Signal(s) : FID1B.ch  
 Acq On : 01 Jul 2025 11:11  
 Operator : YP\AJ  
 Sample : Q2450-02DL 10X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PL-2-062725-E2DL

Integration File: autoint1.e  
 Quant Time: Jul 02 02:21:06 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062725.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 27 15:19:13 2025  
 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)    | 12.072 | 465010     | 2.863 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 5.73%        |
| 12) S 1-chlorooctadecane (S... | 13.486 | 296158     | 2.345 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 4.69%        |
| Target Compounds               |        |            |              |
| 3) T A~Naphthalene (C11.7)     | 6.390  | 60591      | 0.400 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.490  | 66733      | 0.454 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.673  | 47460      | 0.342 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.314 | 128208     | 0.900 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.745 | 38905      | 0.265 ug/ml  |
| 10) T n-Eicosane (C20)         | 13.050 | 144345     | 1.004 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.629 | 65891      | 0.461 ug/ml  |
| 13) T n-Docosane (C22)         | 14.210 | 125010     | 0.875 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.356 | 1906417    | 13.115 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.408 | 158709     | 1.097 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.228 | 309996     | 1.967 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 19.069 | 87485      | 0.541 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.850 | 123936     | 0.813 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.555 | 198691     | 1.478 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.320 | 116924     | 1.079 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

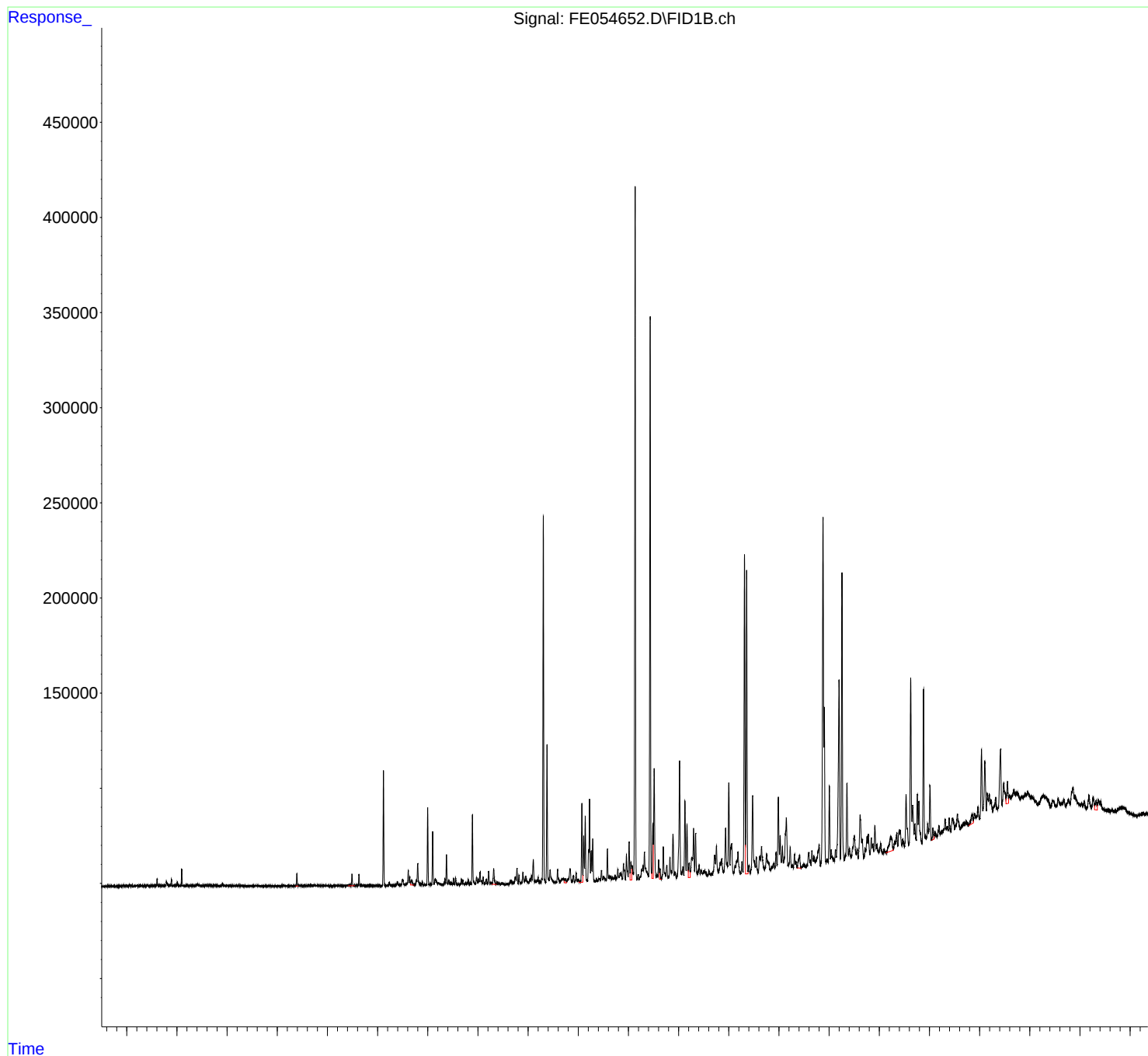
(m)=manual int.

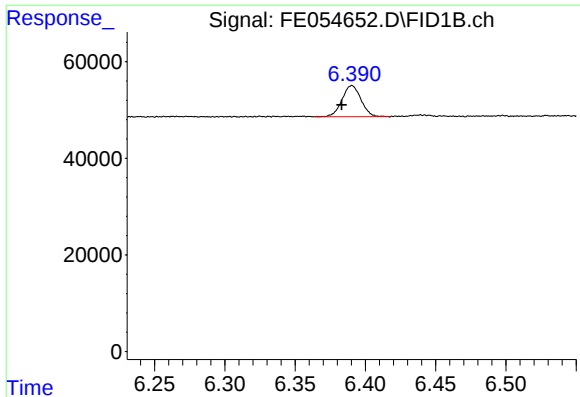
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

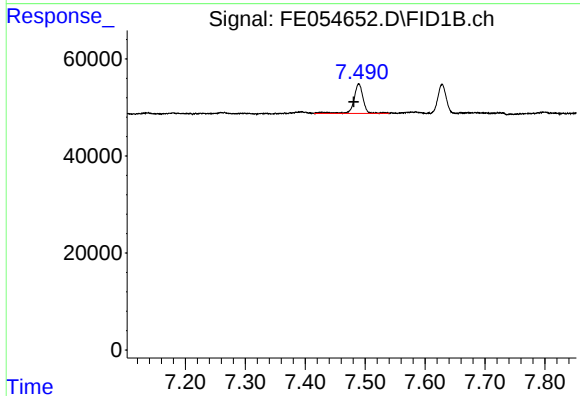




#3 A~Naphthalene (C11.7)

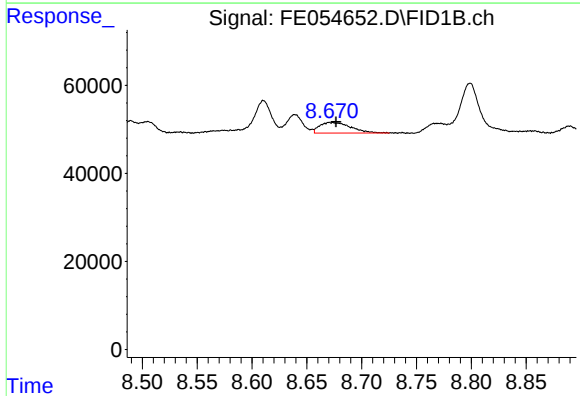
R.T.: 6.390 min  
Delta R.T.: 0.007 min  
Response: 60591  
Conc: 0.40 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
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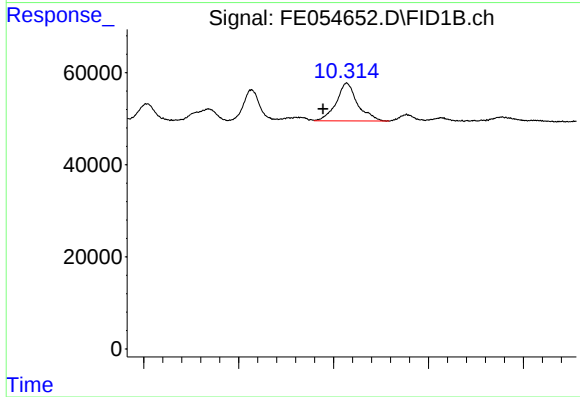
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.490 min  
Delta R.T.: 0.009 min  
Response: 66733  
Conc: 0.45 ug/ml



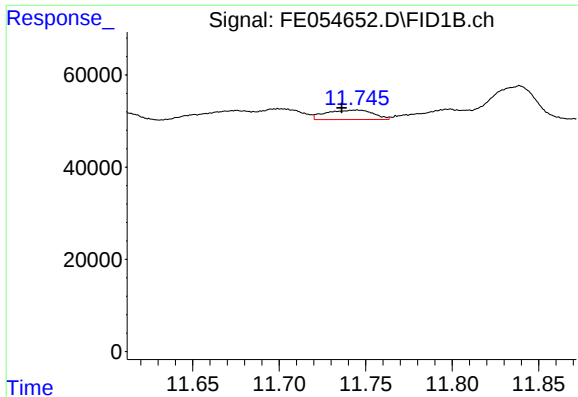
#6 n-Tetradecane (C14)

R.T.: 8.673 min  
Delta R.T.: -0.004 min  
Response: 47460  
Conc: 0.34 ug/ml



#7 n-Hexadecane (C16)

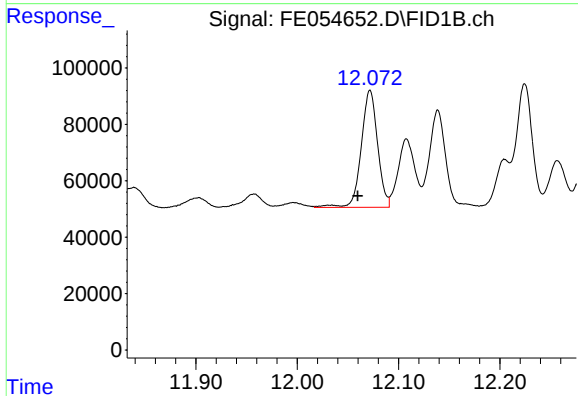
R.T.: 10.314 min  
Delta R.T.: 0.025 min  
Response: 128208  
Conc: 0.90 ug/ml



#8 n-Octadecane (C18)

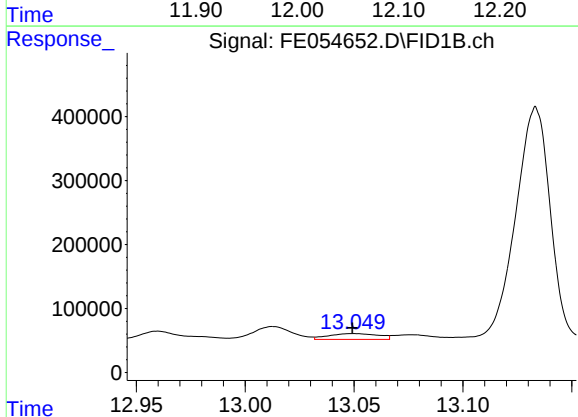
R.T.: 11.745 min  
Delta R.T.: 0.009 min  
Response: 38905  
Conc: 0.27 ug/ml

Instrument :  
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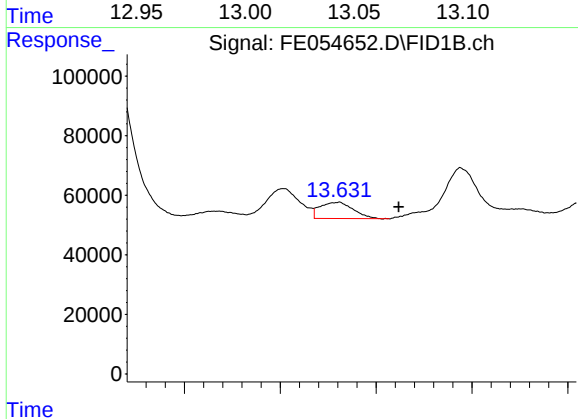
#9 ortho-Terphenyl (SURR)

R.T.: 12.072 min  
Delta R.T.: 0.012 min  
Response: 465010  
Conc: 2.86 ug/ml



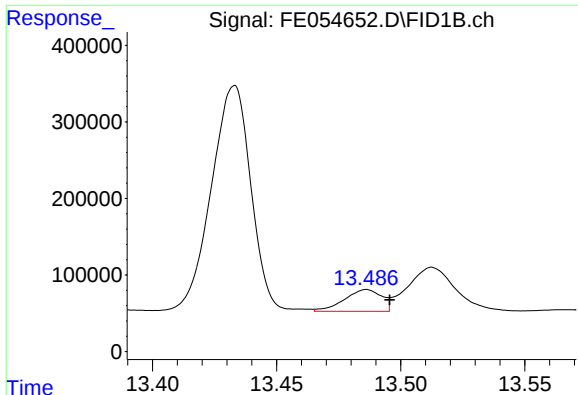
#10 n-Eicosane (C20)

R.T.: 13.050 min  
Delta R.T.: 0.000 min  
Response: 144345  
Conc: 1.00 ug/ml



#11 n-Heneicosane (C21)

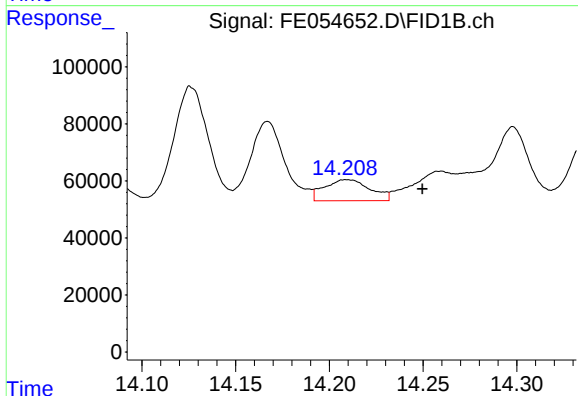
R.T.: 13.629 min  
Delta R.T.: -0.032 min  
Response: 65891  
Conc: 0.46 ug/ml



#12 1-chlorooctadecane (SURR)

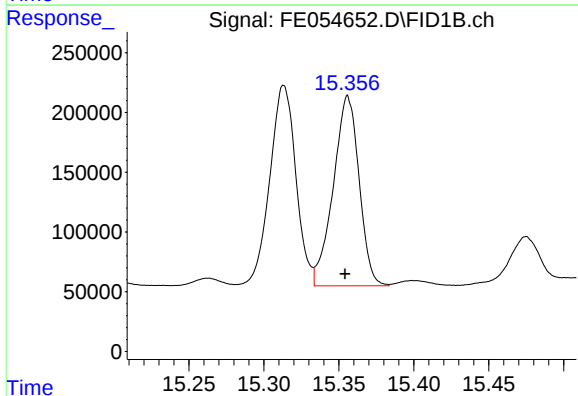
R.T.: 13.486 min  
Delta R.T.: -0.009 min  
Response: 296158  
Conc: 2.34 ug/ml

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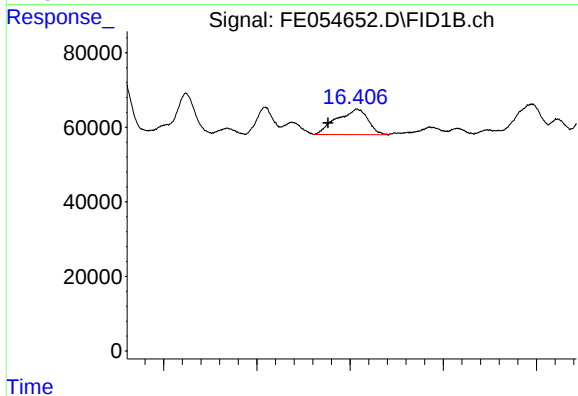
#13 n-Docosane (C22)

R.T.: 14.210 min  
Delta R.T.: -0.040 min  
Response: 125010  
Conc: 0.88 ug/ml



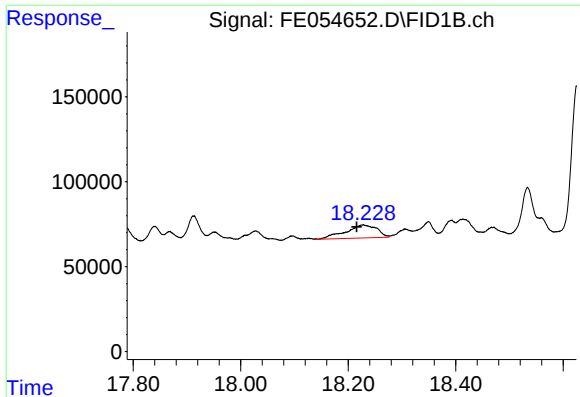
#14 n-Tetracosane (C24)

R.T.: 15.356 min  
Delta R.T.: 0.002 min  
Response: 1906417  
Conc: 13.11 ug/ml



#15 n-Hexacosane (C26)

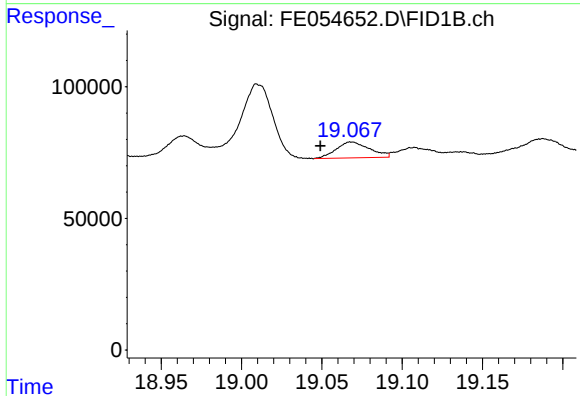
R.T.: 16.408 min  
Delta R.T.: 0.031 min  
Response: 158709  
Conc: 1.10 ug/ml



#17 n-Tricontane (C30)

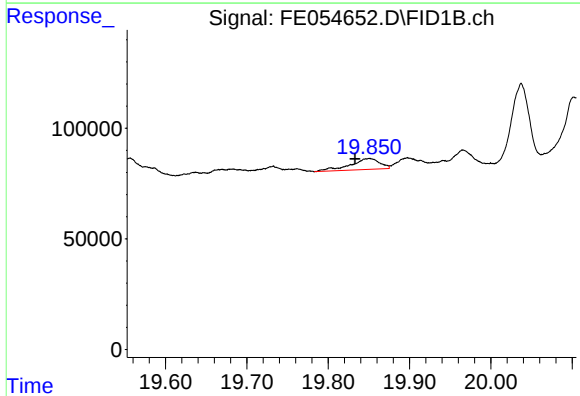
R.T.: 18.228 min  
Delta R.T.: 0.012 min  
Response: 309996  
Conc: 1.97 ug/ml

Instrument :  
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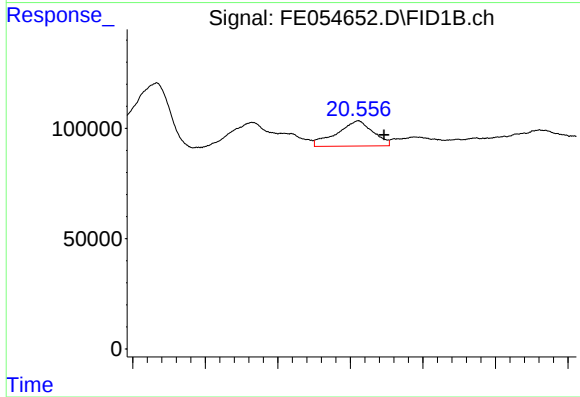
#18 n-Dotriacontane (C32)

R.T.: 19.069 min  
Delta R.T.: 0.020 min  
Response: 87485  
Conc: 0.54 ug/ml



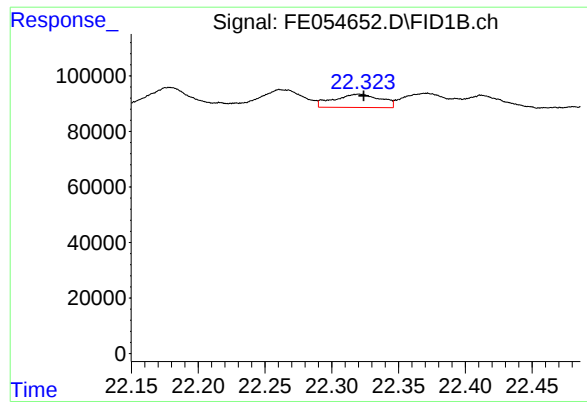
#19 n-Tetratriacontane (C34)

R.T.: 19.850 min  
Delta R.T.: 0.017 min  
Response: 123936  
Conc: 0.81 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.555 min  
Delta R.T.: -0.018 min  
Response: 198691  
Conc: 1.48 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.320 min  
Delta R.T.: -0.003 min  
Response: 116924  
Conc: 1.08 ug/ml

Instrument :

FID\_E

ClientSampleId :

PL-2-062725-E2DL