

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE092523AL\  
 Data File : FE044415.D  
 Signal(s) : FID1B.ch  
 Acq On : 25 Sep 2023 08:39  
 Operator : YP\AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Sep 25 10:11:58 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 092523.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 25 10:11:16 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)    | 11.937 | 17744802   | 92.339 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 184.68%      |
| 12) S 1-chlorooctadecane (S... | 13.373 | 12927685   | 92.720 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 185.44%      |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.319  | 15252677   | 91.641 ug/ml |
| 2) T n-Decane (C10)            | 4.571  | 15585042   | 91.668 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.273  | 16967704   | 92.701 ug/ml |
| 4) T n-Dodecane (C12)          | 6.736  | 15707909   | 92.321 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.370  | 16413875   | 93.481 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.562  | 15524241   | 92.563 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.173 | 15989780   | 92.506 ug/ml |
| 8) T n-Octadecane (C18)        | 11.620 | 15996745   | 92.296 ug/ml |
| 10) T n-Eicosane (C20)         | 12.929 | 15139684   | 92.083 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.542 | 14747616   | 92.040 ug/ml |
| 13) T n-Docosane (C22)         | 14.128 | 14524142   | 91.995 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.232 | 14165186   | 91.458 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.254 | 13685181   | 90.793 ug/ml |
| 16) T n-Octacosane (C28)       | 17.206 | 13270933   | 90.393 ug/ml |
| 17) T n-Tricontane (C30)       | 18.094 | 13351857   | 88.300 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.928 | 13188950   | 87.269 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.716 | 13227906   | 88.394 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.456 | 13387291   | 90.334 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.200 | 13668935   | 91.308 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.129 | 14710455   | 88.117 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

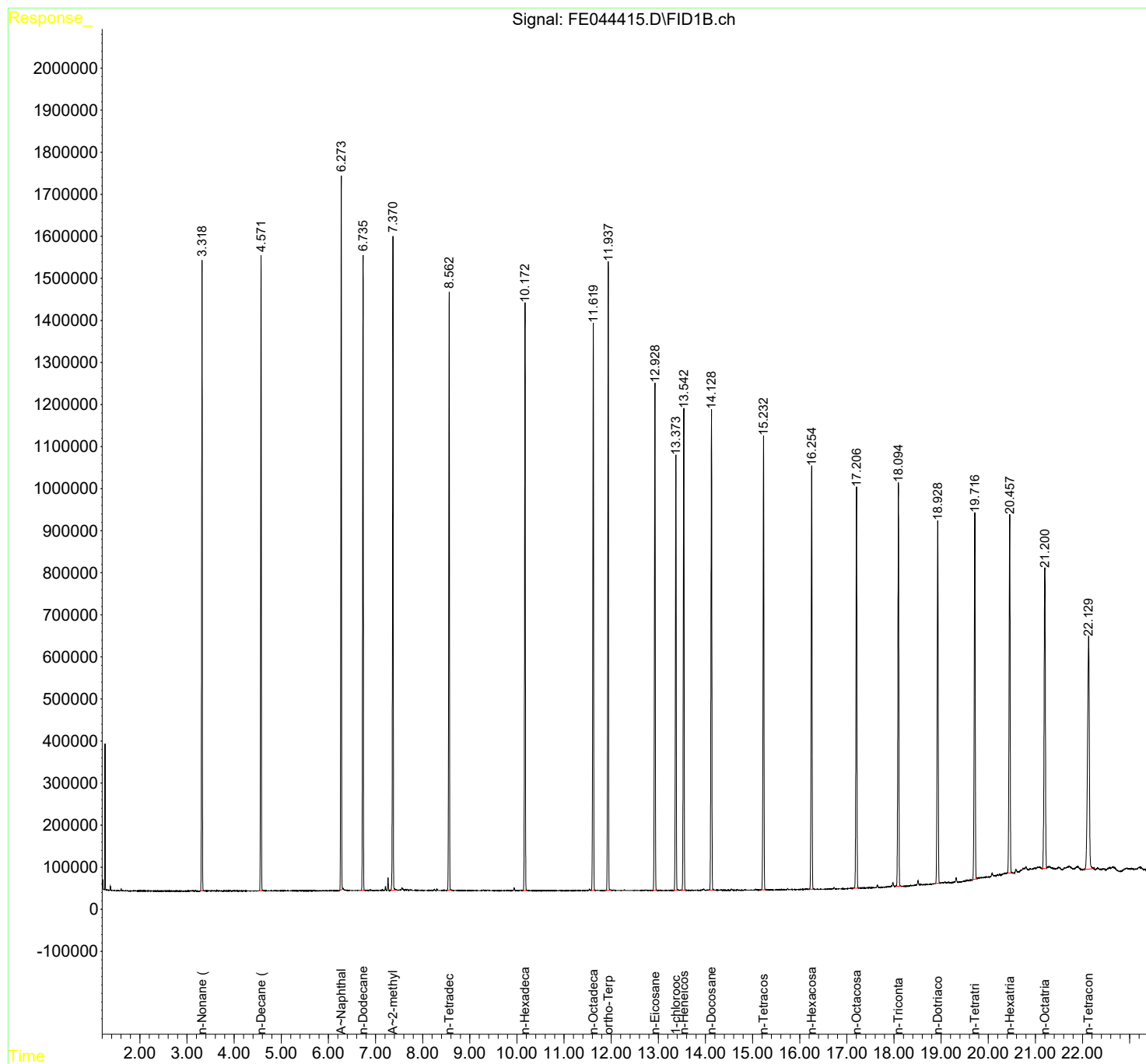
(m)=manual int.

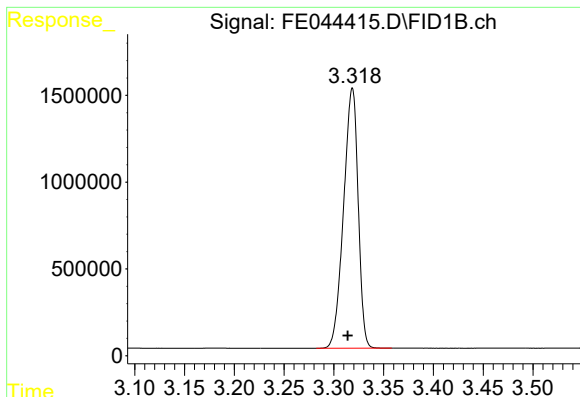
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE092523AL\  
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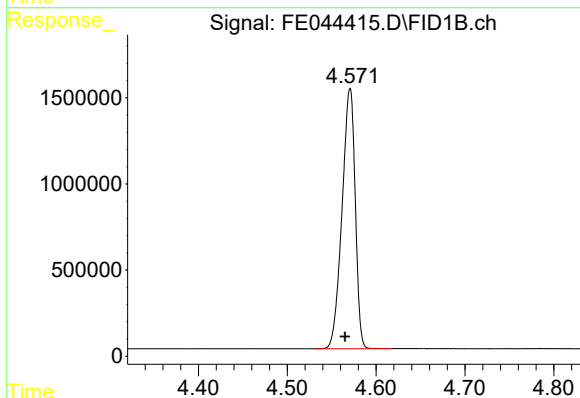




#1 n-Nonane (C9)

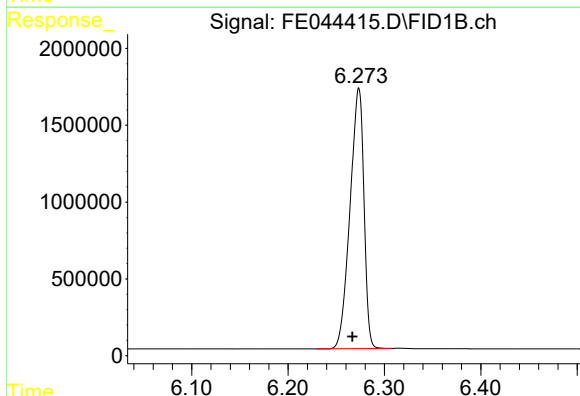
R.T.: 3.319 min  
Delta R.T.: 0.005 min  
Response: 15252677  
Conc: 91.64 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



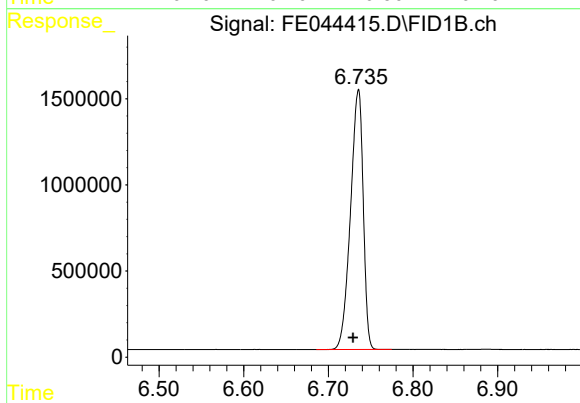
#2 n-Decane (C10)

R.T.: 4.571 min  
Delta R.T.: 0.006 min  
Response: 15585042  
Conc: 91.67 ug/ml



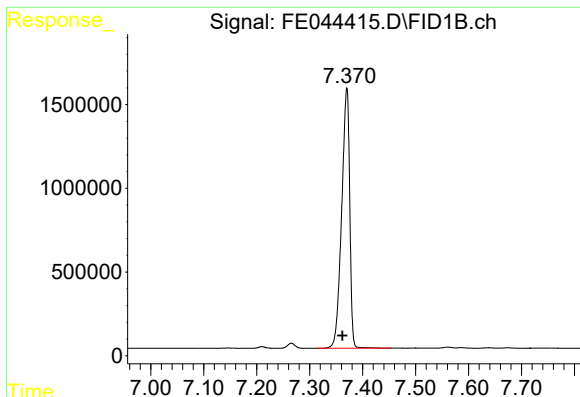
#3 A~Naphthalene (C11.7)

R.T.: 6.273 min  
Delta R.T.: 0.007 min  
Response: 16967704  
Conc: 92.70 ug/ml



#4 n-Dodecane (C12)

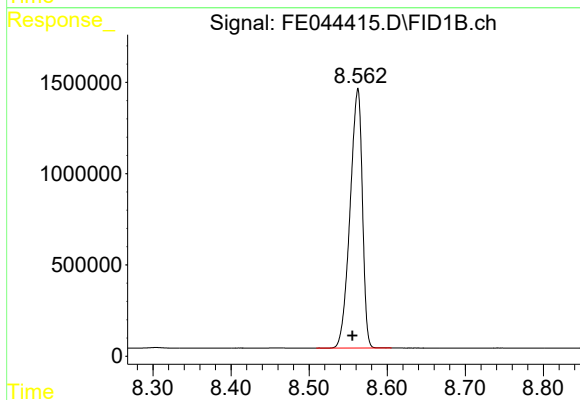
R.T.: 6.736 min  
Delta R.T.: 0.006 min  
Response: 15707909  
Conc: 92.32 ug/ml



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

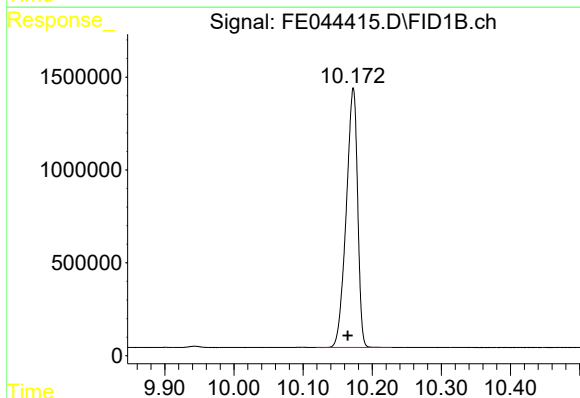
R.T.: 7.370 min  
Delta R.T.: 0.008 min  
Response: 16413875  
Conc: 93.48 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



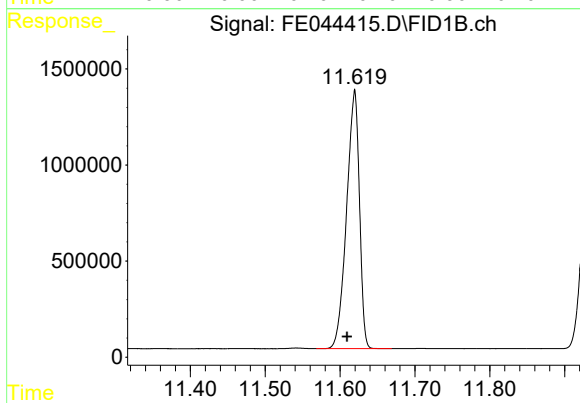
#6 n-Tetradecane (C14)

R.T.: 8.562 min  
Delta R.T.: 0.007 min  
Response: 15524241  
Conc: 92.56 ug/ml



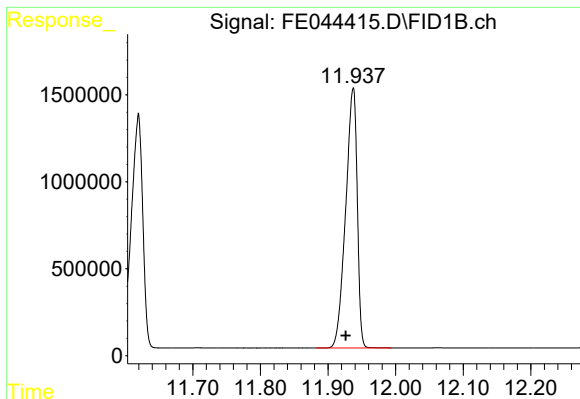
#7 n-Hexadecane (C16)

R.T.: 10.173 min  
Delta R.T.: 0.008 min  
Response: 15989780  
Conc: 92.51 ug/ml



#8 n-Octadecane (C18)

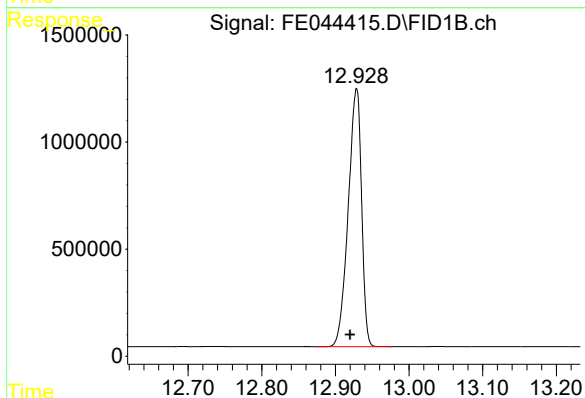
R.T.: 11.620 min  
Delta R.T.: 0.010 min  
Response: 15996745  
Conc: 92.30 ug/ml



#9 ortho-Terphenyl (SURR)

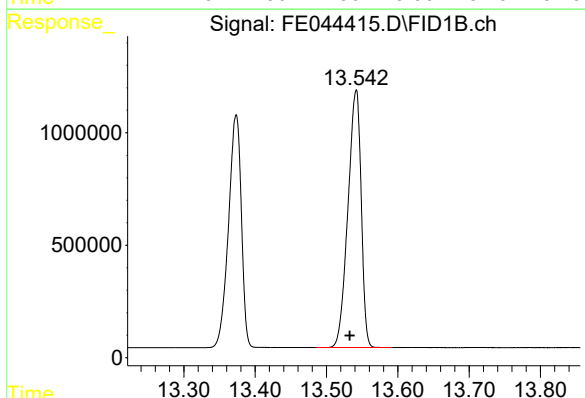
R.T.: 11.937 min  
Delta R.T.: 0.011 min  
Response: 17744802  
Conc: 92.34 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



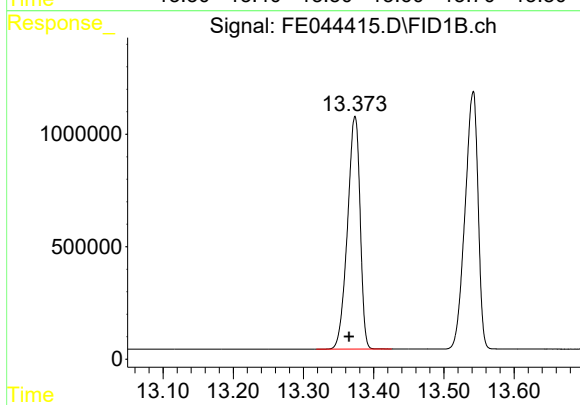
#10 n-Eicosane (C20)

R.T.: 12.929 min  
Delta R.T.: 0.009 min  
Response: 15139684  
Conc: 92.08 ug/ml



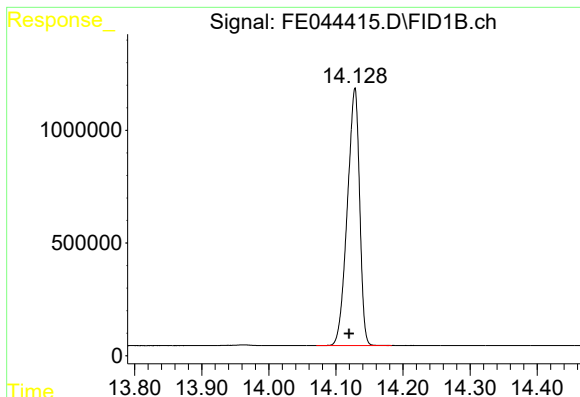
#11 n-Heneicosane (C21)

R.T.: 13.542 min  
Delta R.T.: 0.009 min  
Response: 14747616  
Conc: 92.04 ug/ml



#12 1-chlorooctadecane (SURR)

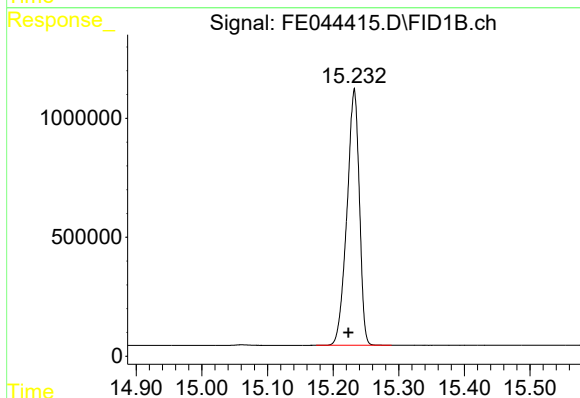
R.T.: 13.373 min  
Delta R.T.: 0.008 min  
Response: 12927685  
Conc: 92.72 ug/ml



#13 n-Docosane (C22)

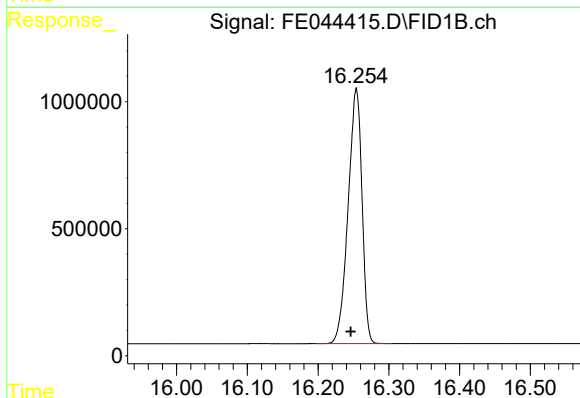
R.T.: 14.128 min  
Delta R.T.: 0.009 min  
Response: 14524142  
Conc: 91.99 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



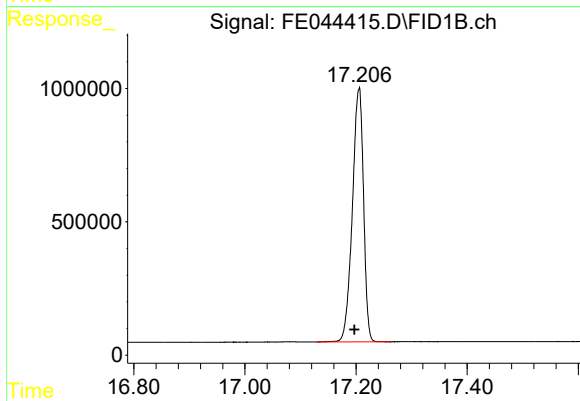
#14 n-Tetracosane (C24)

R.T.: 15.232 min  
Delta R.T.: 0.009 min  
Response: 14165186  
Conc: 91.46 ug/ml



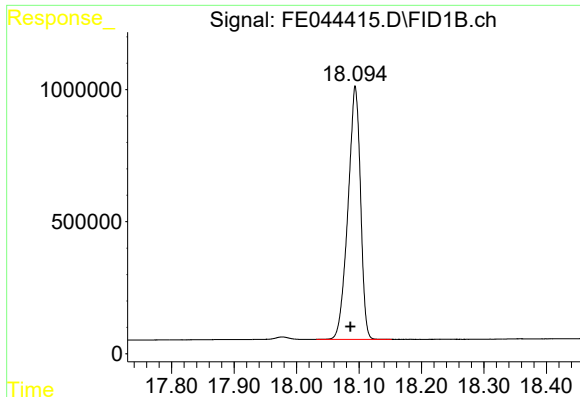
#15 n-Hexacosane (C26)

R.T.: 16.254 min  
Delta R.T.: 0.008 min  
Response: 13685181  
Conc: 90.79 ug/ml



#16 n-Octacosane (C28)

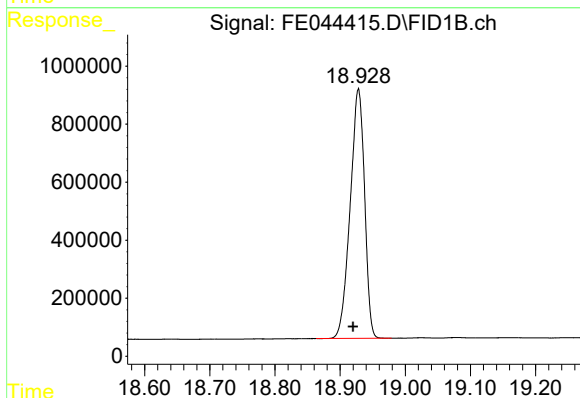
R.T.: 17.206 min  
Delta R.T.: 0.008 min  
Response: 13270933  
Conc: 90.39 ug/ml



#17 n-Tricontane (C30)

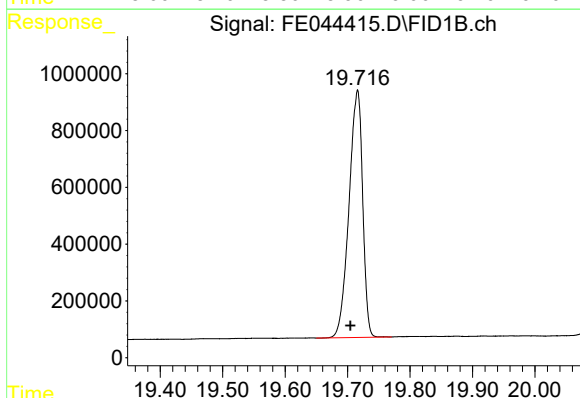
R.T.: 18.094 min  
Delta R.T.: 0.008 min  
Response: 13351857  
Conc: 88.30 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



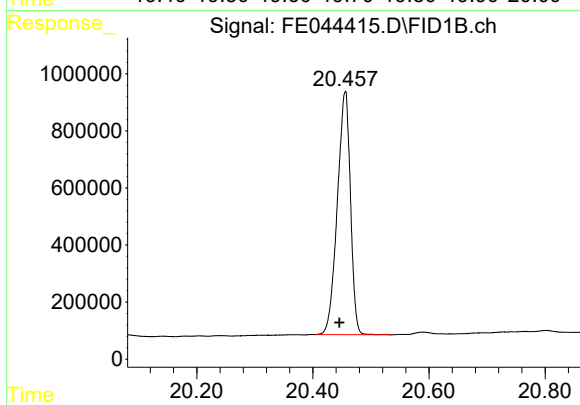
#18 n-Dotriacontane (C32)

R.T.: 18.928 min  
Delta R.T.: 0.008 min  
Response: 13188950  
Conc: 87.27 ug/ml



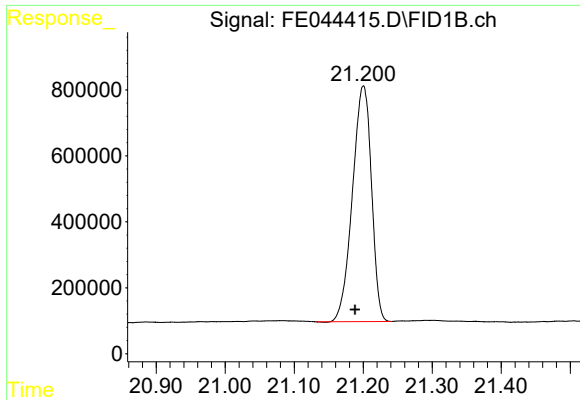
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min  
Delta R.T.: 0.011 min  
Response: 13227906  
Conc: 88.39 ug/ml



#20 n-Hexatriacontane (C36)

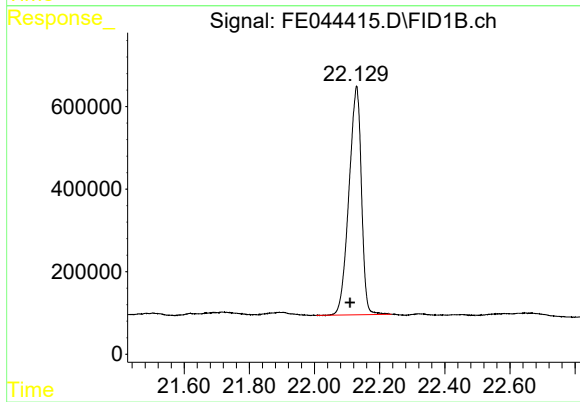
R.T.: 20.456 min  
Delta R.T.: 0.010 min  
Response: 13387291  
Conc: 90.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.200 min  
Delta R.T.: 0.012 min  
Response: 13668935  
Conc: 91.31 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.129 min  
Delta R.T.: 0.020 min  
Response: 14710455  
Conc: 88.12 ug/ml