

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE042723AL\  
 Data File : FE041567.D  
 Signal(s) : FID1B.ch  
 Acq On : 27 Apr 2023 10:51  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Apr 28 03:51:26 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)    | 11.978 | 3787369    | 20.188 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.38%       |
| 12) S 1-chlorooctadecane (S... | 13.415 | 2802790    | 19.840 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.68%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.356  | 3138315    | 21.350 ug/ml |
| 2) T n-Decane (C10)            | 4.610  | 3226871    | 21.515 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.314  | 3549544    | 21.449 ug/ml |
| 4) T n-Dodecane (C12)          | 6.777  | 3263907    | 21.467 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.411  | 3452027    | 21.408 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.607  | 3251609    | 21.406 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.215 | 3360050    | 21.055 ug/ml |
| 8) T n-Octadecane (C18)        | 11.660 | 3388698    | 20.674 ug/ml |
| 10) T n-Eicosane (C20)         | 12.970 | 3238963    | 20.137 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.582 | 3171190    | 19.898 ug/ml |
| 13) T n-Docosane (C22)         | 14.168 | 3138934    | 19.701 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.271 | 3081680    | 19.115 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.293 | 2974313    | 18.813 ug/ml |
| 16) T n-Octacosane (C28)       | 17.242 | 2874975    | 18.684 ug/ml |
| 17) T n-Tricontane (C30)       | 18.130 | 2890573    | 18.979 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.963 | 2826405    | 18.972 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.747 | 2752630    | 19.539 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.487 | 2684452    | 20.074 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.241 | 2738329    | 20.724 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.180 | 2811680    | 22.207 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

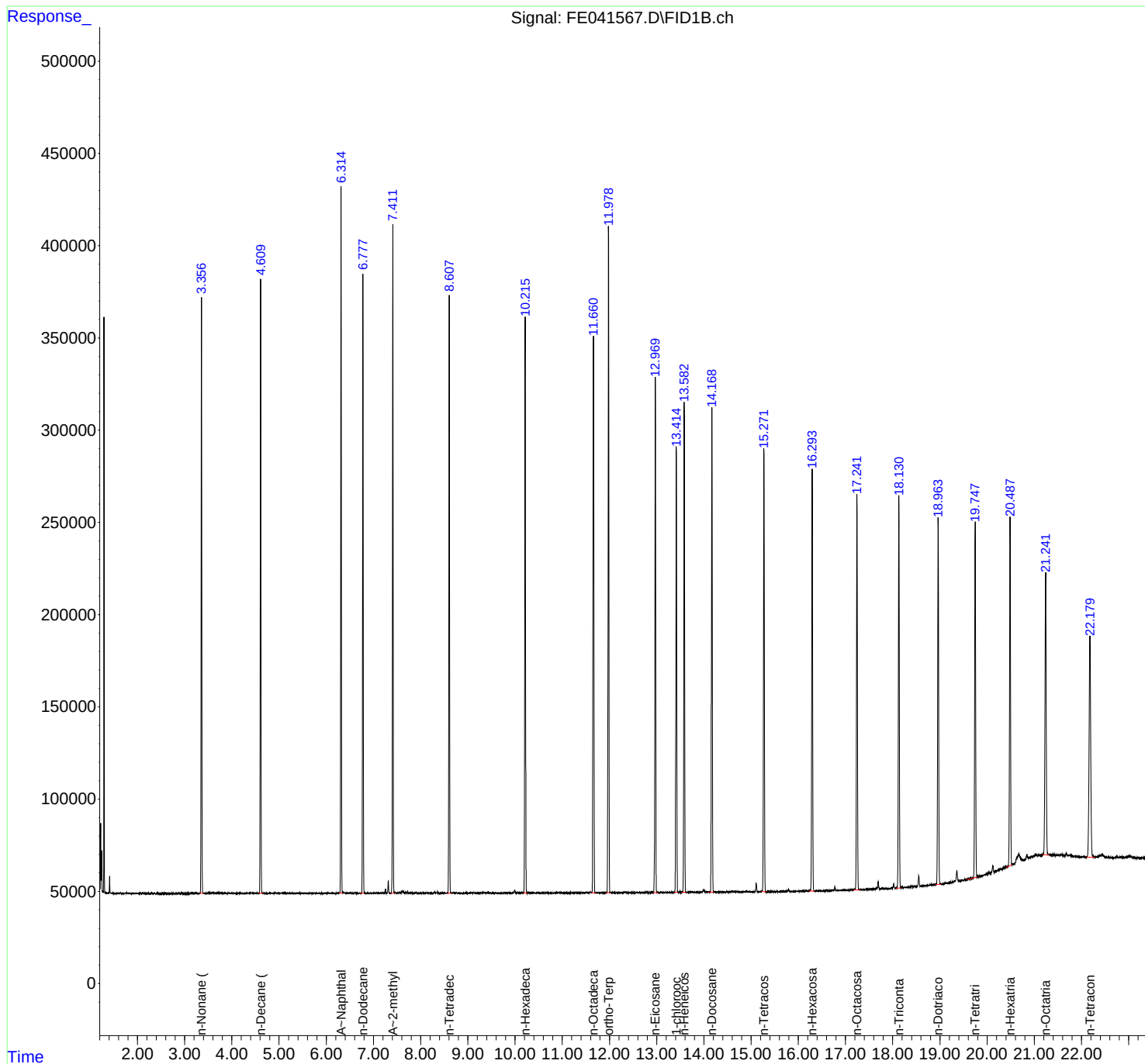
(m)=manual int.

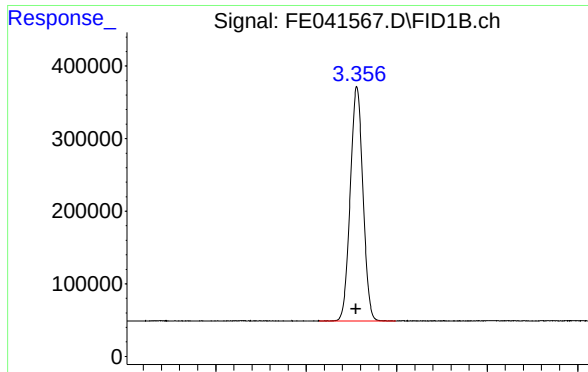
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE042723AL\  
Data File : FE041567.D  
Signal(s) : FID1B.ch  
Acq On : 27 Apr 2023 10:51  
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Integration File: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 042123.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 21 07:33:51 2023  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

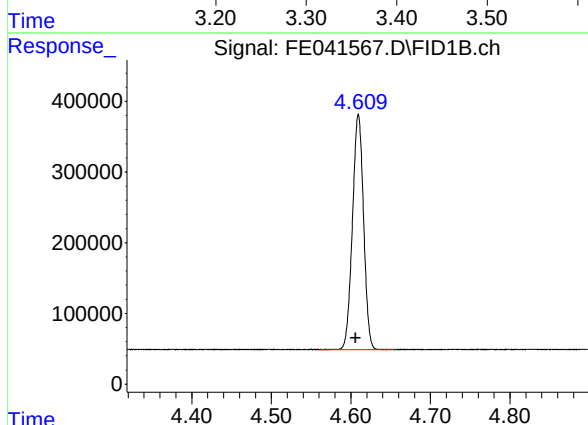




#1 n-Nonane (C9)

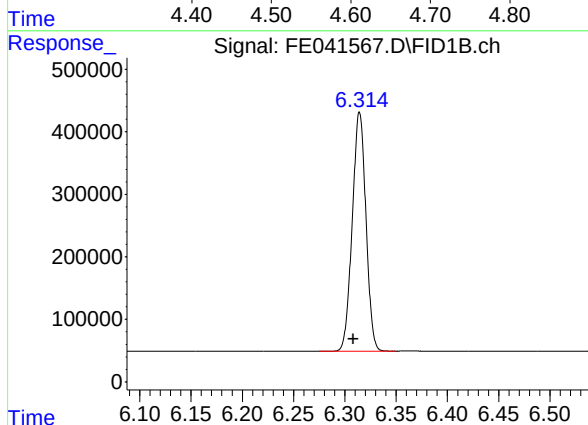
R.T.: 3.356 min  
Delta R.T.: 0.001 min  
Response: 3138315  
Conc: 21.35 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



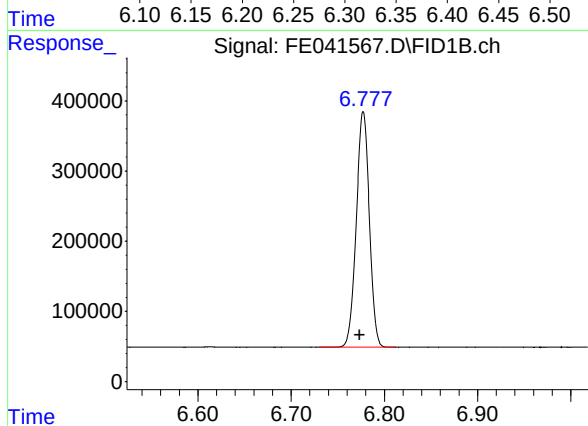
#2 n-Decane (C10)

R.T.: 4.610 min  
Delta R.T.: 0.004 min  
Response: 3226871  
Conc: 21.52 ug/ml



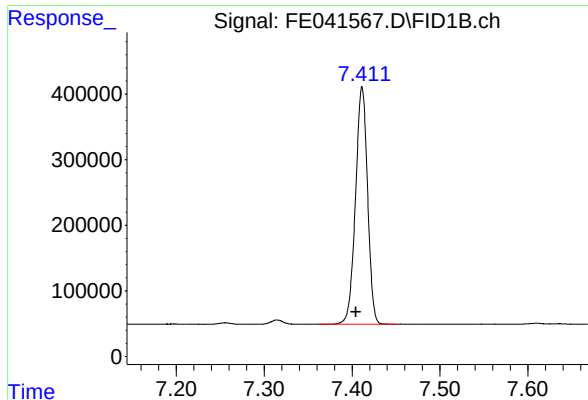
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min  
Delta R.T.: 0.006 min  
Response: 3549544  
Conc: 21.45 ug/ml



#4 n-Dodecane (C12)

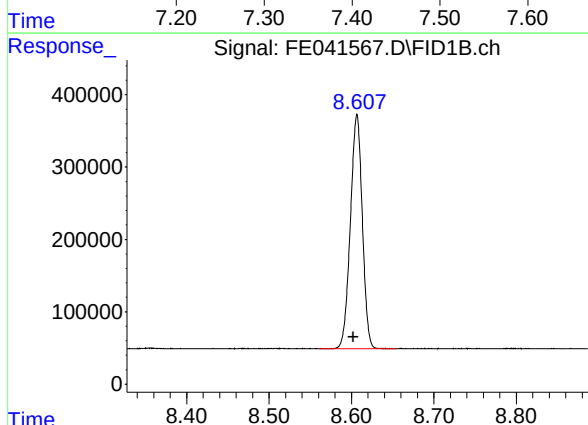
R.T.: 6.777 min  
Delta R.T.: 0.004 min  
Response: 3263907  
Conc: 21.47 ug/ml



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

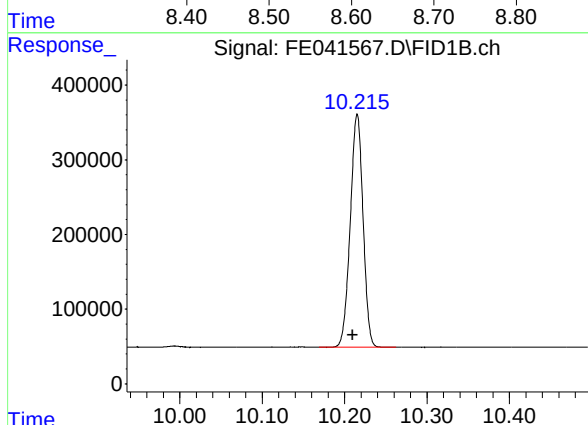
R.T.: 7.411 min  
Delta R.T.: 0.007 min  
Response: 3452027  
Conc: 21.41 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



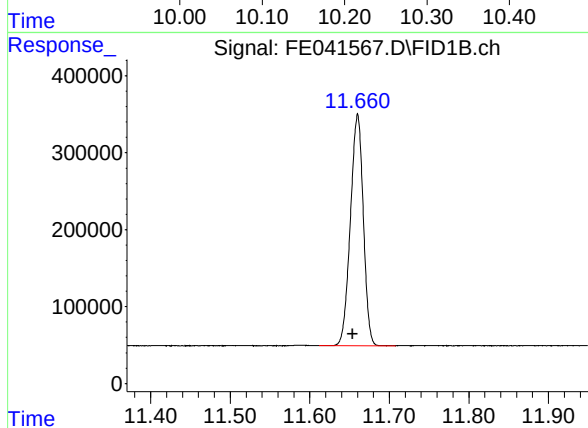
#6 n-Tetradecane (C14)

R.T.: 8.607 min  
Delta R.T.: 0.004 min  
Response: 3251609  
Conc: 21.41 ug/ml



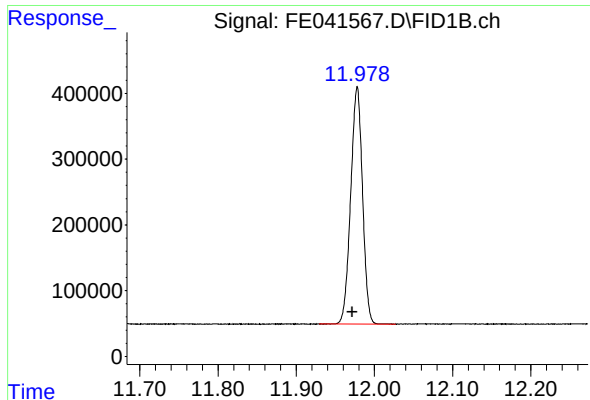
#7 n-Hexadecane (C16)

R.T.: 10.215 min  
Delta R.T.: 0.005 min  
Response: 3360050  
Conc: 21.06 ug/ml



#8 n-Octadecane (C18)

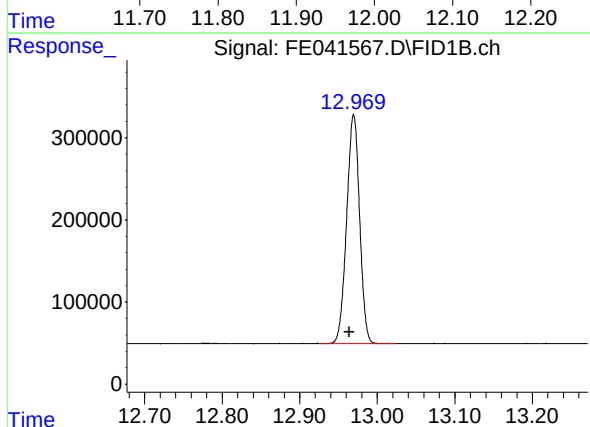
R.T.: 11.660 min  
Delta R.T.: 0.006 min  
Response: 3388698  
Conc: 20.67 ug/ml



#9 ortho-Terphenyl (SURR)

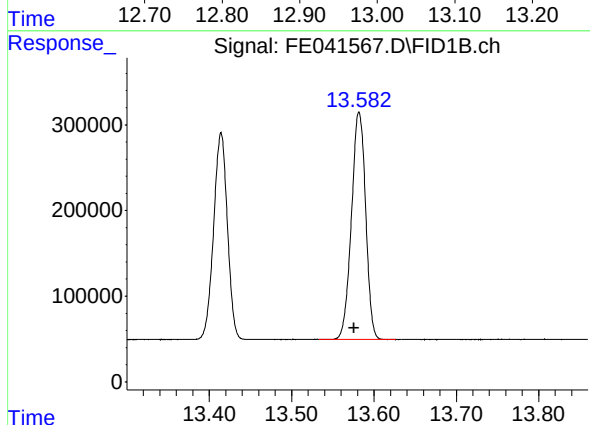
R.T.: 11.978 min  
Delta R.T.: 0.006 min  
Response: 3787369  
Conc: 20.19 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



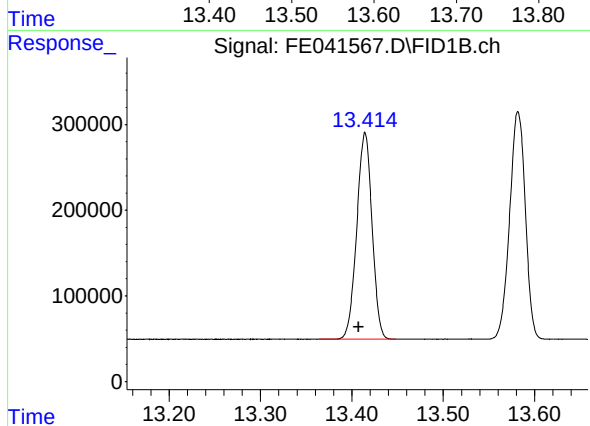
#10 n-Eicosane (C20)

R.T.: 12.970 min  
Delta R.T.: 0.006 min  
Response: 3238963  
Conc: 20.14 ug/ml



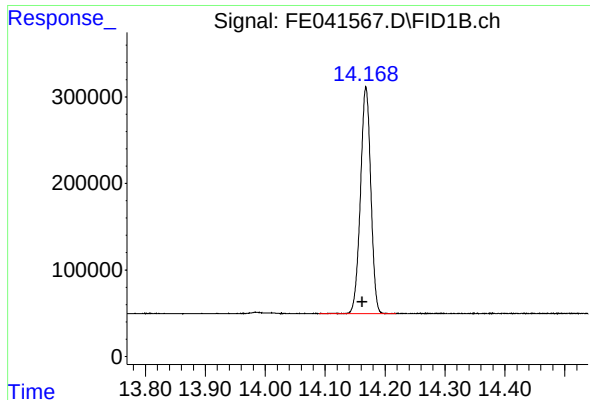
#11 n-Heneicosane (C21)

R.T.: 13.582 min  
Delta R.T.: 0.006 min  
Response: 3171190  
Conc: 19.90 ug/ml



#12 1-chlorooctadecane (SURR)

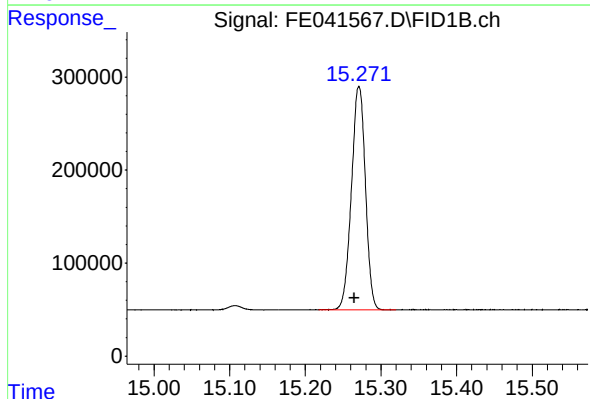
R.T.: 13.415 min  
Delta R.T.: 0.007 min  
Response: 2802790  
Conc: 19.84 ug/ml



#13 n-Docosane (C22)

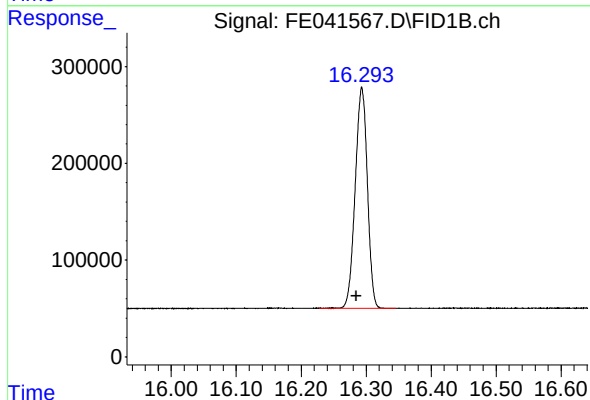
R.T.: 14.168 min  
Delta R.T.: 0.006 min  
Response: 3138934  
Conc: 19.70 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



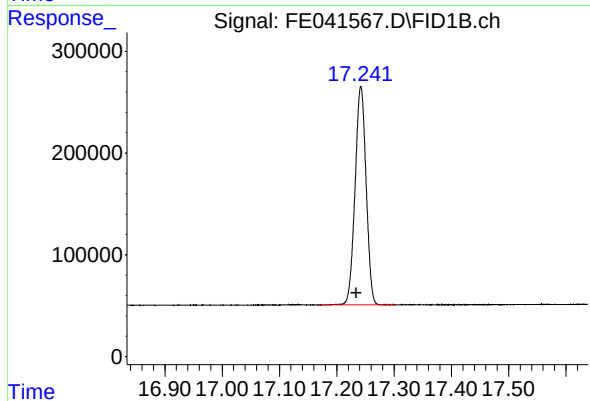
#14 n-Tetracosane (C24)

R.T.: 15.271 min  
Delta R.T.: 0.006 min  
Response: 3081680  
Conc: 19.11 ug/ml



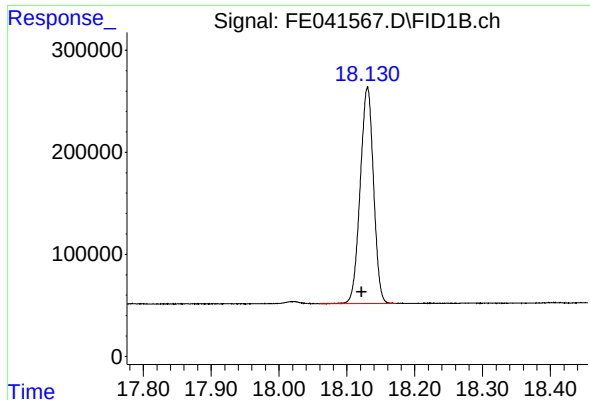
#15 n-Hexacosane (C26)

R.T.: 16.293 min  
Delta R.T.: 0.009 min  
Response: 2974313  
Conc: 18.81 ug/ml



#16 n-Octacosane (C28)

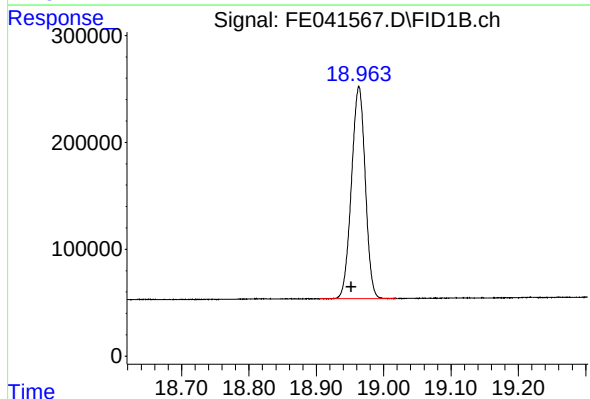
R.T.: 17.242 min  
Delta R.T.: 0.008 min  
Response: 2874975  
Conc: 18.68 ug/ml



#17 n-Tricontane (C30)

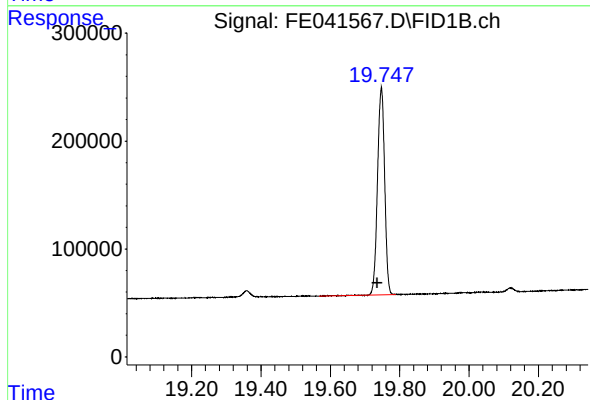
R.T.: 18.130 min  
Delta R.T.: 0.009 min  
Response: 2890573  
Conc: 18.98 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



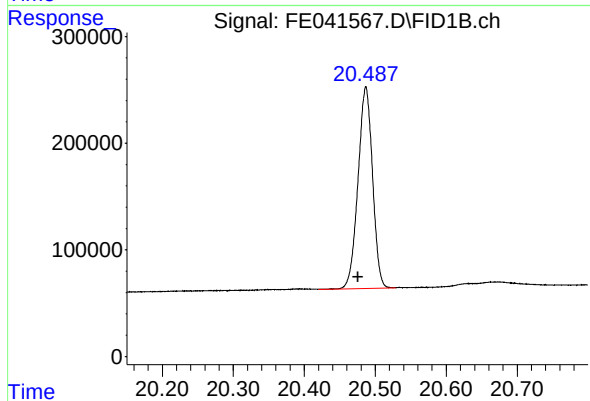
#18 n-Dotriacontane (C32)

R.T.: 18.963 min  
Delta R.T.: 0.011 min  
Response: 2826405  
Conc: 18.97 ug/ml



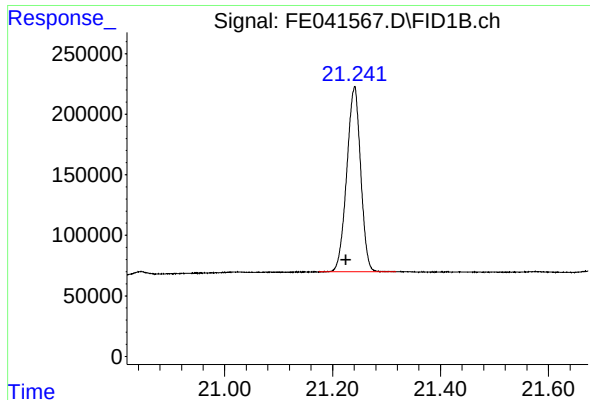
#19 n-Tetratriacontane (C34)

R.T.: 19.747 min  
Delta R.T.: 0.011 min  
Response: 2752630  
Conc: 19.54 ug/ml



#20 n-Hexatriacontane (C36)

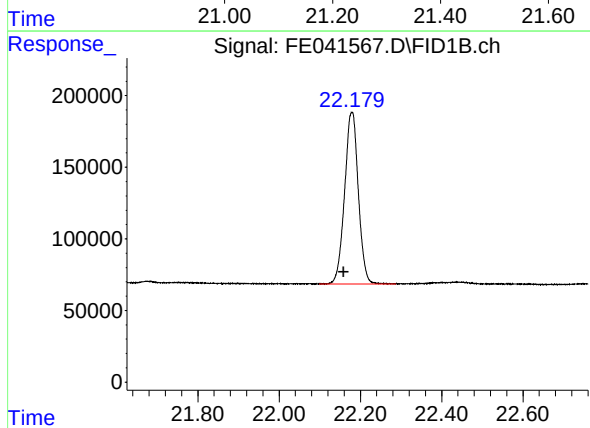
R.T.: 20.487 min  
Delta R.T.: 0.011 min  
Response: 2684452  
Conc: 20.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.241 min  
Delta R.T.: 0.016 min  
Response: 2738329  
Conc: 20.72 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.180 min  
Delta R.T.: 0.021 min  
Response: 2811680  
Conc: 22.21 ug/ml