

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE022625AL\  
 Data File : FE052505.D  
 Signal(s) : FID1B.ch  
 Acq On : 26 Feb 2025 06:52  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Feb 26 09:55:21 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 021325.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 14 00:50:00 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)    | 11.920 | 3473966    | 18.584 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.17%       |
| 12) S 1-chlorooctadecane (S... | 13.365 | 2594944    | 18.669 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.34%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.254  | 3221373    | 20.986 ug/ml |
| 2) T n-Decane (C10)            | 4.517  | 3282048    | 21.013 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.231  | 3598894    | 20.831 ug/ml |
| 4) T n-Dodecane (C12)          | 6.699  | 3261755    | 20.665 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.334  | 3453970    | 20.566 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.537  | 3166964    | 20.106 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.153 | 3218915    | 19.695 ug/ml |
| 8) T n-Octadecane (C18)        | 11.603 | 3196888    | 19.321 ug/ml |
| 10) T n-Eicosane (C20)         | 12.918 | 3039332    | 19.065 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.533 | 2976599    | 18.999 ug/ml |
| 13) T n-Docosane (C22)         | 14.121 | 2947886    | 18.837 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.229 | 2923993    | 18.592 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.253 | 2877225    | 18.576 ug/ml |
| 16) T n-Octacosane (C28)       | 17.205 | 2838476    | 18.557 ug/ml |
| 17) T n-Tricontane (C30)       | 18.094 | 2888622    | 18.505 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.930 | 2802199    | 18.313 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.717 | 2517662    | 17.697 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.457 | 2262575    | 18.153 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.200 | 2244642    | 20.536 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.125 | 2290427    | 22.770 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

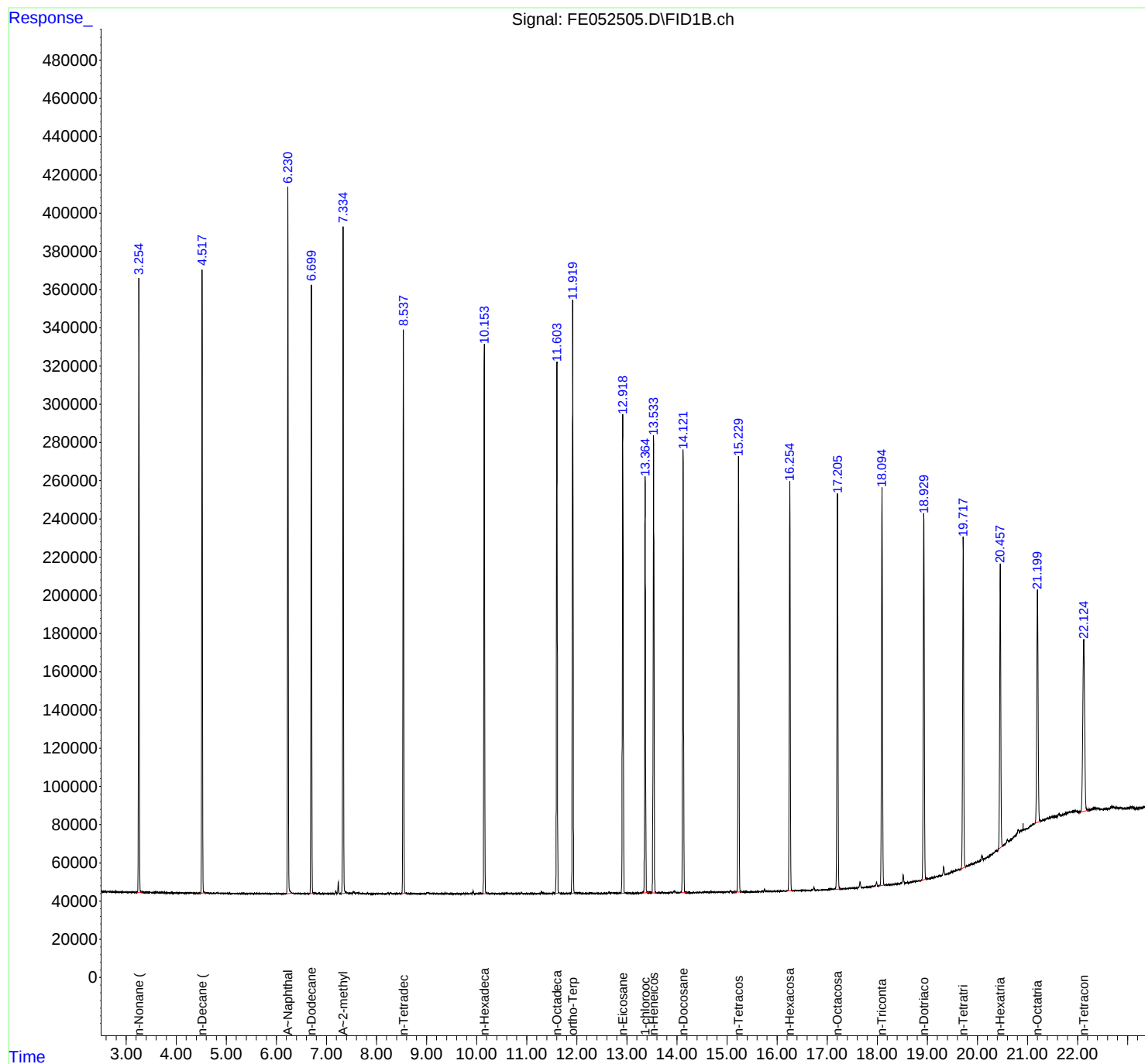
(m)=manual int.

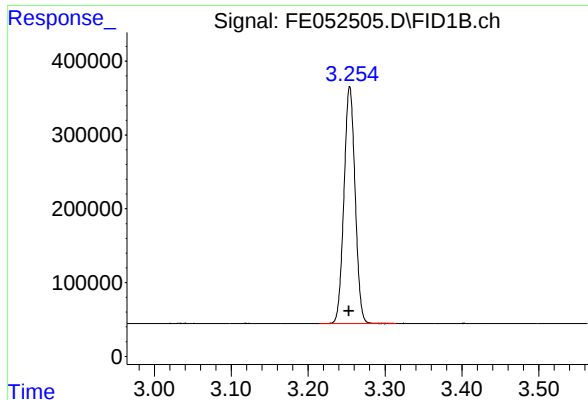
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE022625AL\  
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Acq On : 26 Feb 2025 06:52  
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Volume Inj. : 1 ul  
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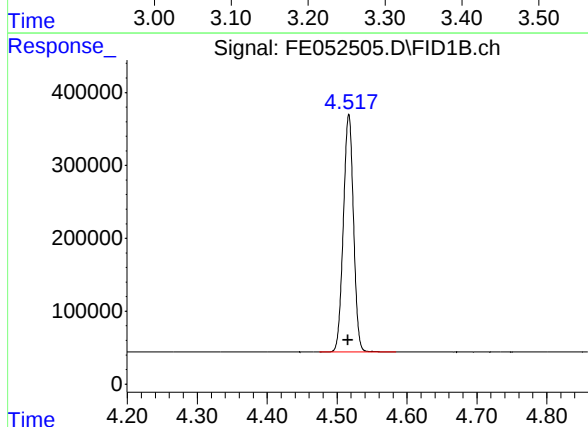




#1 n-Nonane (C9)

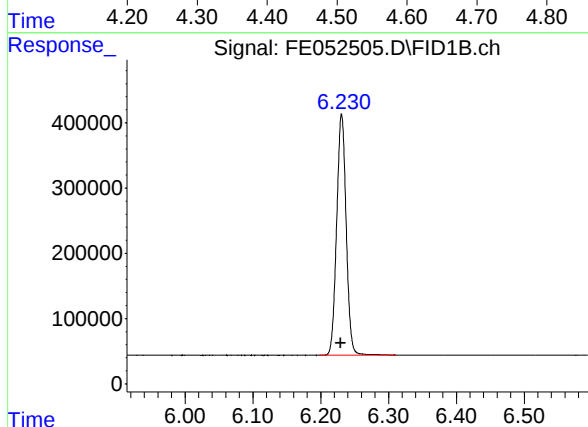
R.T.: 3.254 min  
Delta R.T.: 0.001 min  
Response: 3221373  
Conc: 20.99 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



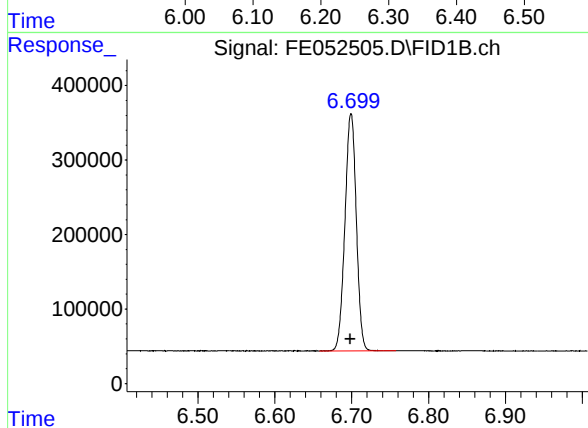
#2 n-Decane (C10)

R.T.: 4.517 min  
Delta R.T.: 0.001 min  
Response: 3282048  
Conc: 21.01 ug/ml



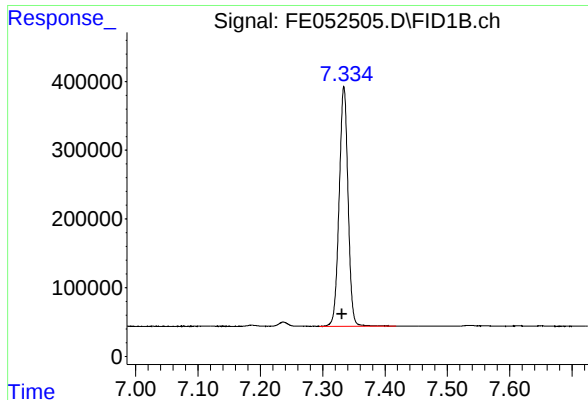
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min  
Delta R.T.: 0.002 min  
Response: 3598894  
Conc: 20.83 ug/ml



#4 n-Dodecane (C12)

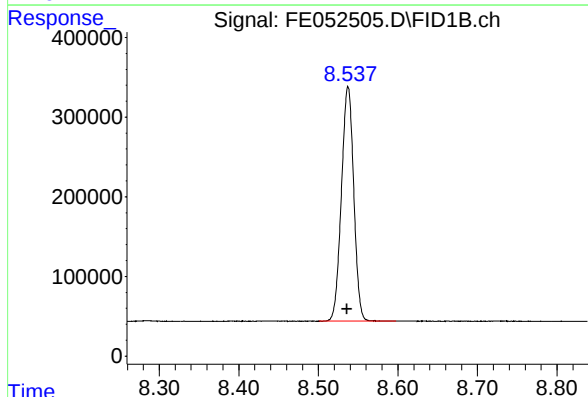
R.T.: 6.699 min  
Delta R.T.: 0.000 min  
Response: 3261755  
Conc: 20.66 ug/ml



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

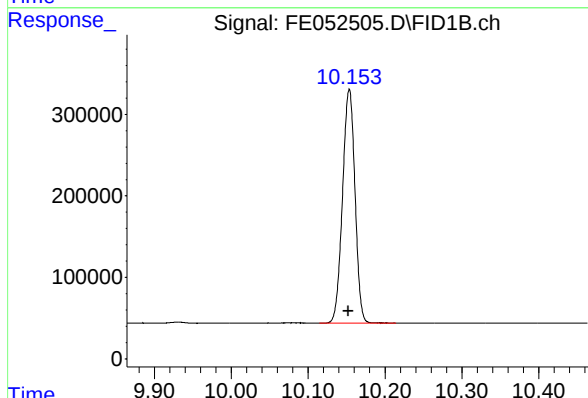
R.T.: 7.334 min  
Delta R.T.: 0.003 min  
Response: 3453970  
Conc: 20.57 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



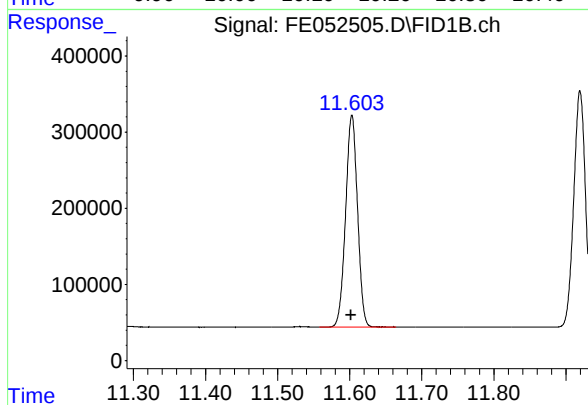
#6 n-Tetradecane (C14)

R.T.: 8.537 min  
Delta R.T.: 0.001 min  
Response: 3166964  
Conc: 20.11 ug/ml



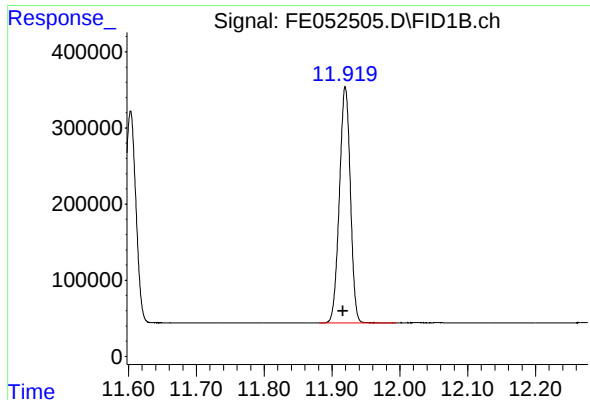
#7 n-Hexadecane (C16)

R.T.: 10.153 min  
Delta R.T.: 0.001 min  
Response: 3218915  
Conc: 19.69 ug/ml



#8 n-Octadecane (C18)

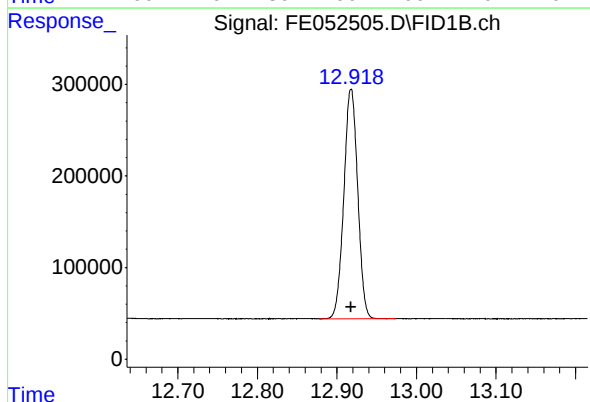
R.T.: 11.603 min  
Delta R.T.: 0.001 min  
Response: 3196888  
Conc: 19.32 ug/ml



#9 ortho-Terphenyl (SURR)

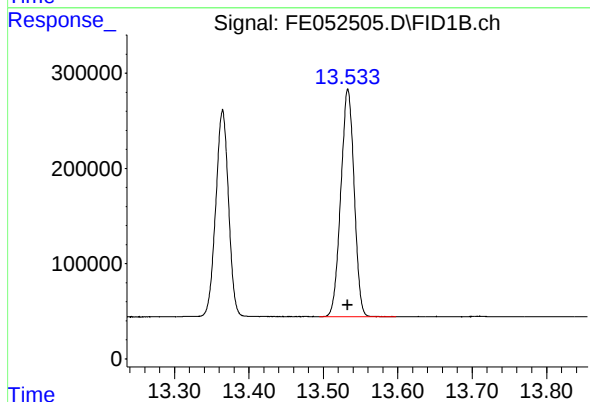
R.T.: 11.920 min  
Delta R.T.: 0.003 min  
Response: 3473966  
Conc: 18.58 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



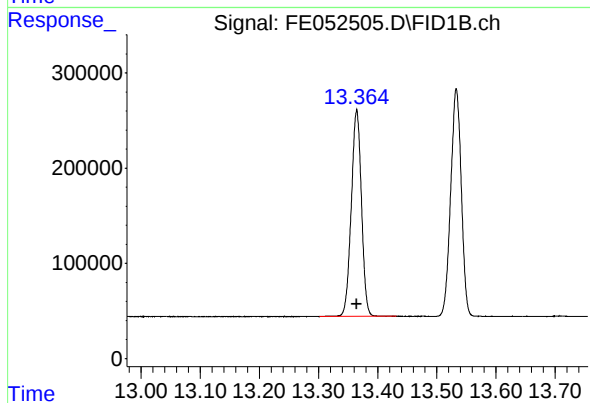
#10 n-Eicosane (C20)

R.T.: 12.918 min  
Delta R.T.: 0.000 min  
Response: 3039332  
Conc: 19.06 ug/ml



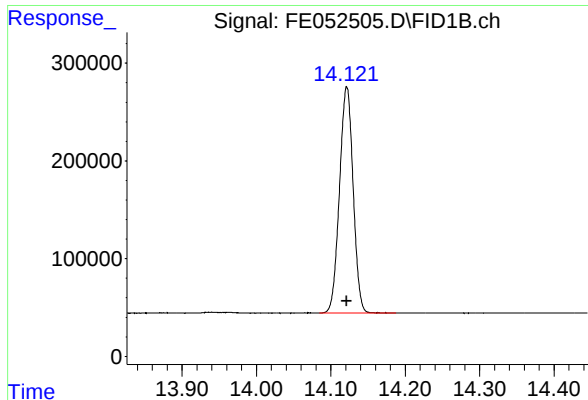
#11 n-Heneicosane (C21)

R.T.: 13.533 min  
Delta R.T.: 0.000 min  
Response: 2976599  
Conc: 19.00 ug/ml



#12 1-chlorooctadecane (SURR)

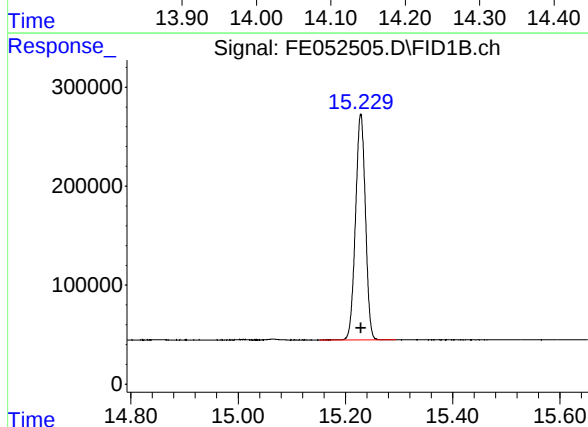
R.T.: 13.365 min  
Delta R.T.: 0.000 min  
Response: 2594944  
Conc: 18.67 ug/ml



#13 n-Docosane (C22)

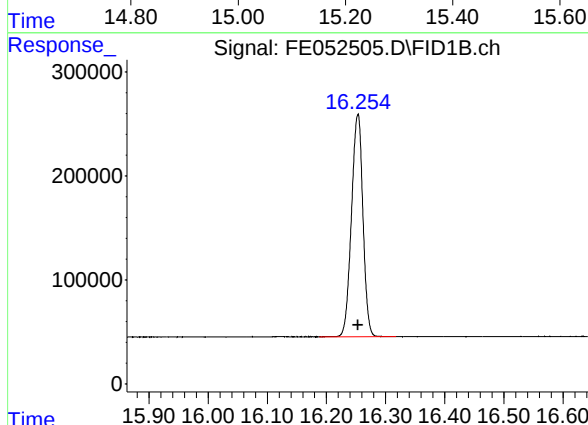
R.T.: 14.121 min  
Delta R.T.: 0.000 min  
Response: 2947886  
Conc: 18.84 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



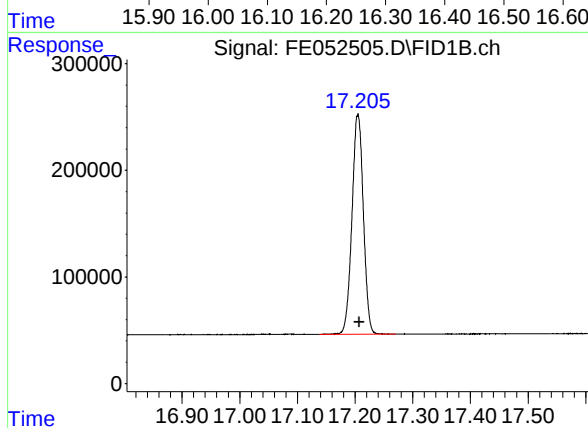
#14 n-Tetracosane (C24)

R.T.: 15.229 min  
Delta R.T.: 0.000 min  
Response: 2923993  
Conc: 18.59 ug/ml



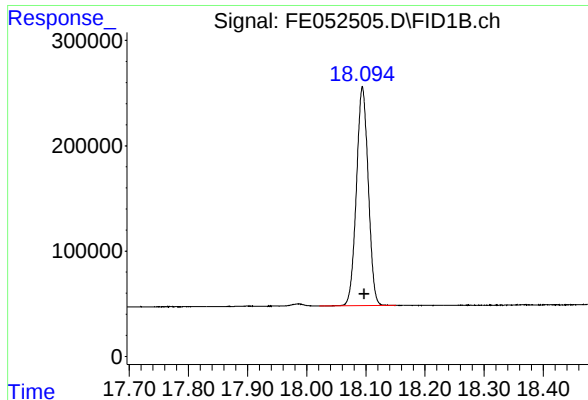
#15 n-Hexacosane (C26)

R.T.: 16.253 min  
Delta R.T.: 0.000 min  
Response: 2877225  
Conc: 18.58 ug/ml



#16 n-Octacosane (C28)

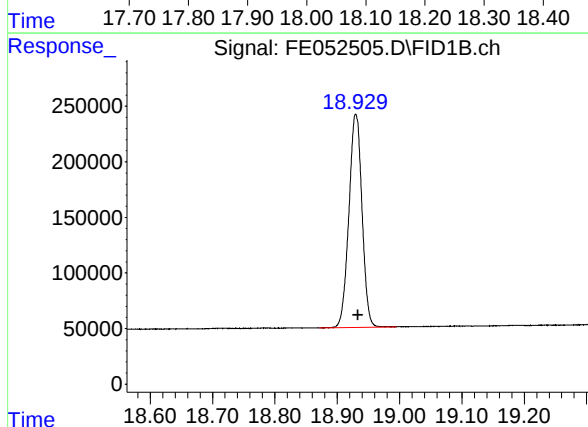
R.T.: 17.205 min  
Delta R.T.: -0.003 min  
Response: 2838476  
Conc: 18.56 ug/ml



#17 n-Tricontane (C30)

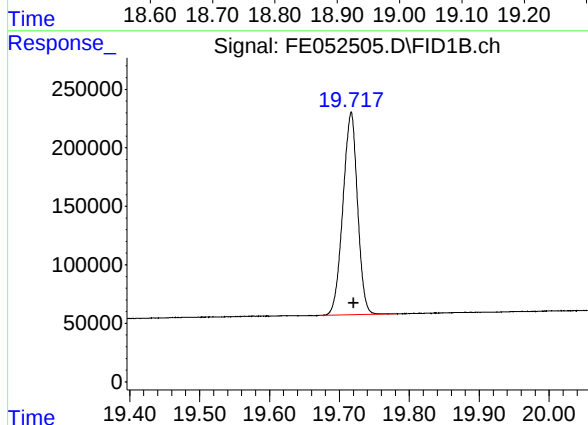
R.T.: 18.094 min  
Delta R.T.: -0.003 min  
Response: 2888622  
Conc: 18.51 ug/ml

Instrument :  
FID\_E  
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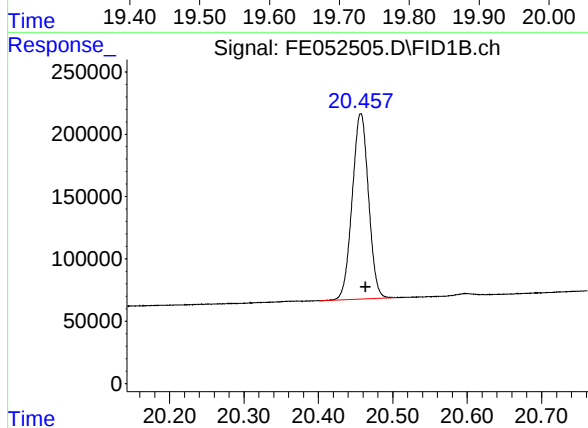
#18 n-Dotriacontane (C32)

R.T.: 18.930 min  
Delta R.T.: -0.003 min  
Response: 2802199  
Conc: 18.31 ug/ml



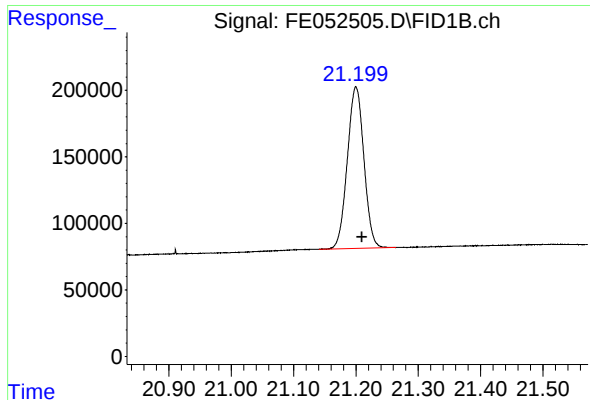
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min  
Delta R.T.: -0.004 min  
Response: 2517662  
Conc: 17.70 ug/ml



#20 n-Hexatriacontane (C36)

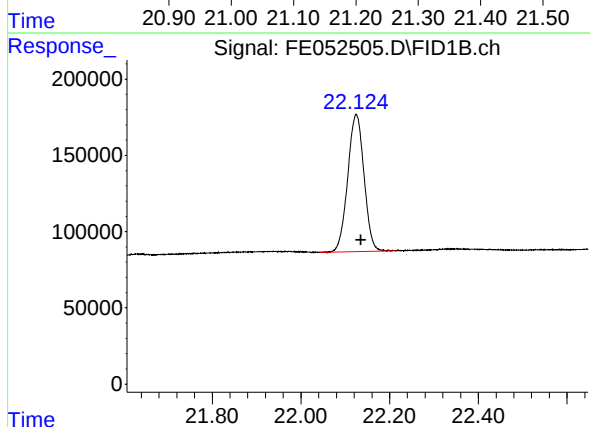
R.T.: 20.457 min  
Delta R.T.: -0.007 min  
Response: 2262575  
Conc: 18.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.200 min  
Delta R.T.: -0.009 min  
Response: 2244642  
Conc: 20.54 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
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#22 n-Tetracontane (C40)

R.T.: 22.125 min  
Delta R.T.: -0.011 min  
Response: 2290427  
Conc: 22.77 ug/ml