

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE070124AL\  
 Data File : FE048948.D  
 Signal(s) : FID1B.ch  
 Acq On : 01 Jul 2024 15:33  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 100 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jul 02 01:44:41 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062124.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 20 17:53:58 2024  
 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)    | 11.934 | 2809630    | 16.803 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 33.61%       |
| 12) S 1-chlorooctadecane (S... | 13.369 | 2136213    | 16.613 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 33.23%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.321  | 2783545    | 18.515 ug/ml |
| 2) T n-Decane (C10)            | 4.570  | 2822359    | 18.340 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.277  | 2869525    | 18.075 ug/ml |
| 4) T n-Dodecane (C12)          | 6.736  | 2799475    | 18.134 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.373  | 2709018    | 17.889 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.564  | 2737111    | 17.859 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.171 | 2776112    | 17.755 ug/ml |
| 8) T n-Octadecane (C18)        | 11.614 | 2754826    | 17.273 ug/ml |
| 10) T n-Eicosane (C20)         | 12.924 | 2618227    | 16.888 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.535 | 2569921    | 16.878 ug/ml |
| 13) T n-Docosane (C22)         | 14.121 | 2535277    | 16.764 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.223 | 2529197    | 16.830 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.243 | 2506835    | 16.980 ug/ml |
| 16) T n-Octacosane (C28)       | 17.193 | 2448468    | 16.978 ug/ml |
| 17) T n-Tricontane (C30)       | 18.080 | 2526863    | 17.272 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.912 | 2487006    | 17.394 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.696 | 2596008    | 18.761 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.437 | 2444185    | 18.806 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.173 | 2615555    | 20.403 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.088 | 2642476    | 21.578 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

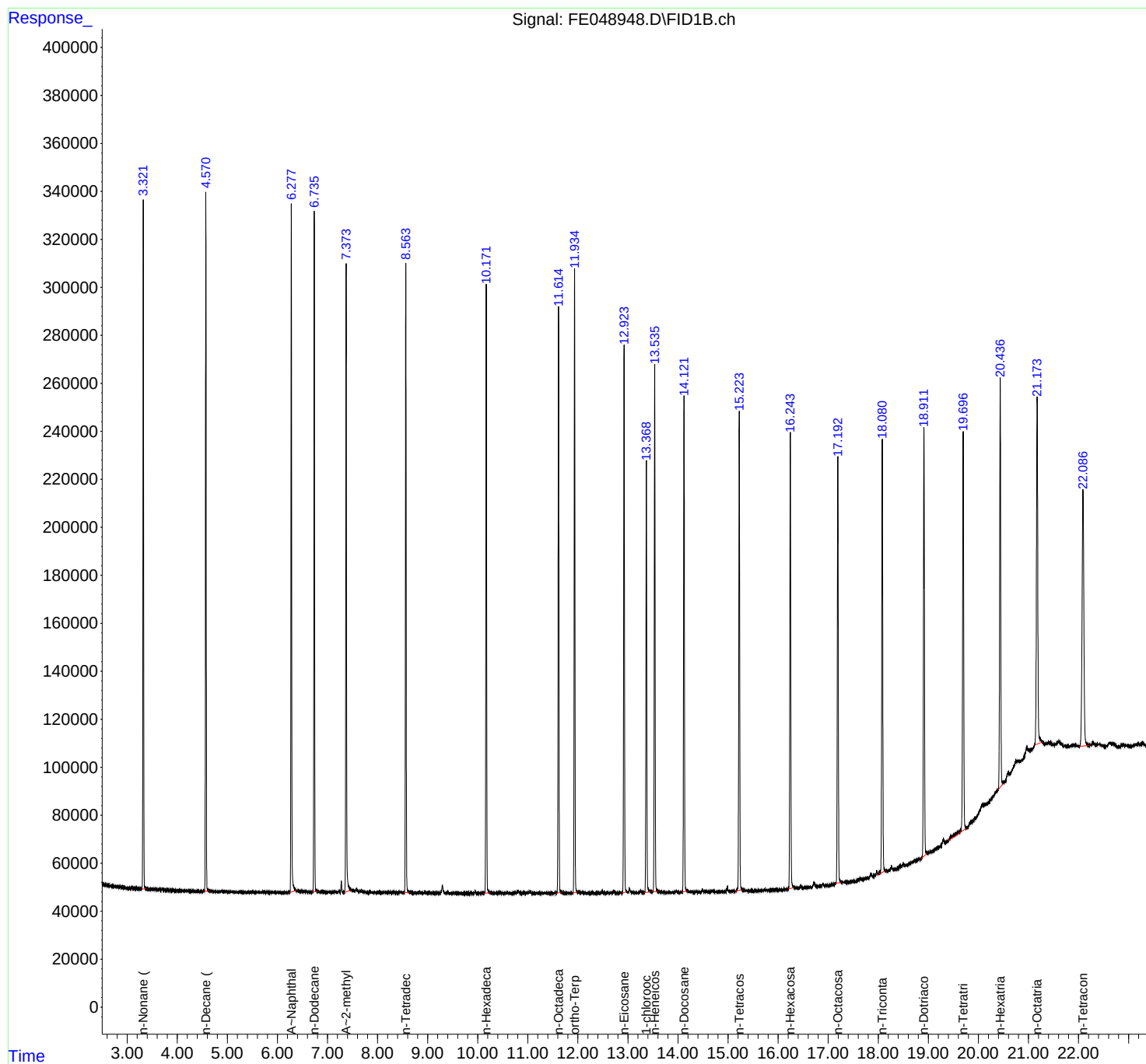
(m)=manual int.

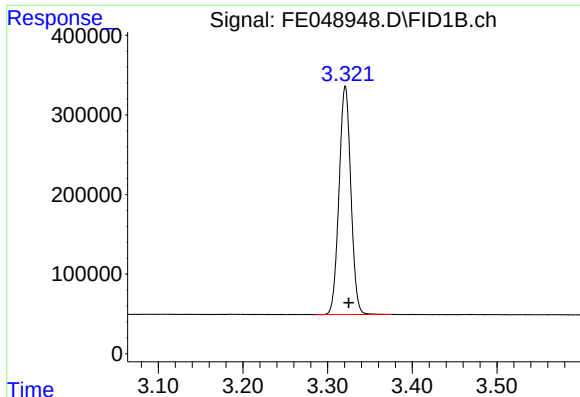
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE070124AL\  
Data File : FE048948.D  
Signal(s) : FID1B.ch  
Acq On : 01 Jul 2024 15:33  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 100 Sample Multiplier: 1

Instrument :  
FID\_E  
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Integration File: autoint1.e  
Quant Time: Jul 02 01:44:41 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062124.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 20 17:53:58 2024  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

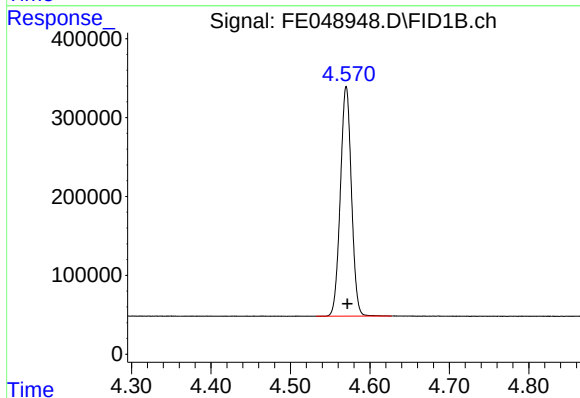




#1 n-Nonane (C9)

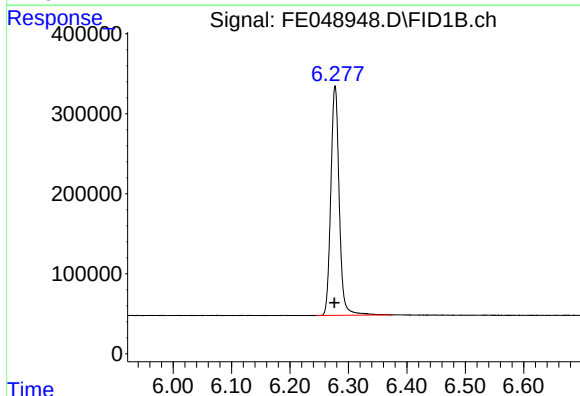
R.T.: 3.321 min  
Delta R.T.: -0.004 min  
Response: 2783545  
Conc: 18.51 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



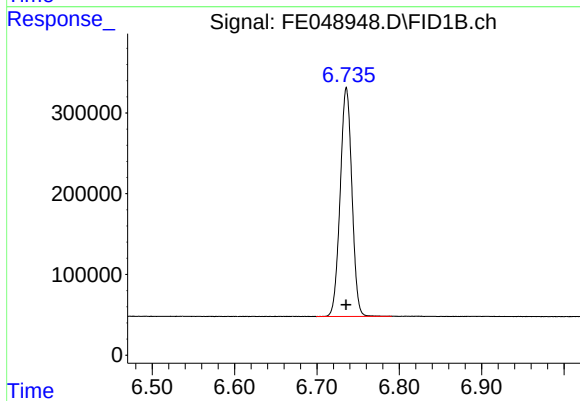
#2 n-Decane (C10)

R.T.: 4.570 min  
Delta R.T.: -0.001 min  
Response: 2822359  
Conc: 18.34 ug/ml



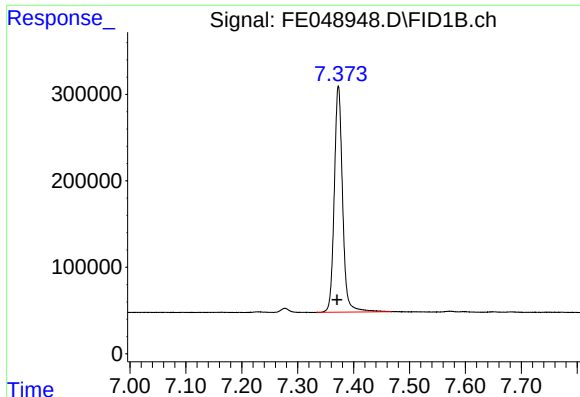
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min  
Delta R.T.: 0.001 min  
Response: 2869525  
Conc: 18.08 ug/ml



#4 n-Dodecane (C12)

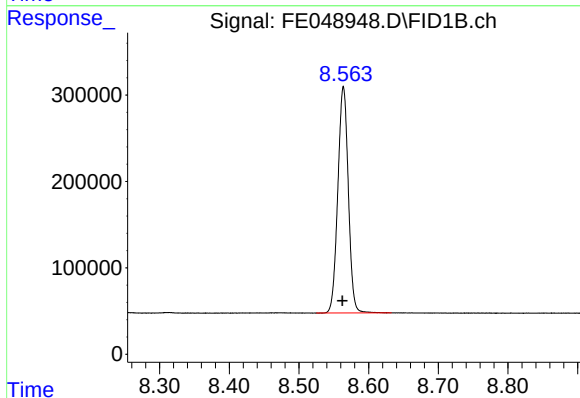
R.T.: 6.736 min  
Delta R.T.: 0.000 min  
Response: 2799475  
Conc: 18.13 ug/ml



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

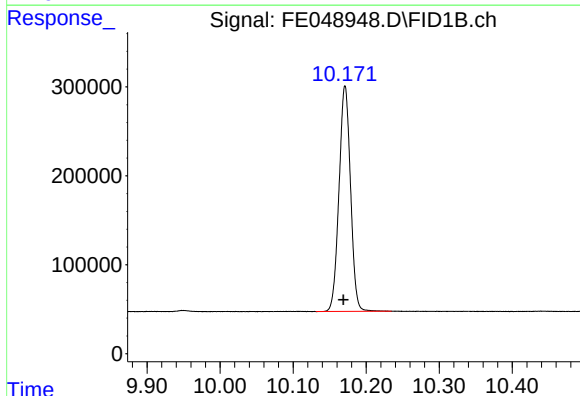
R.T.: 7.373 min  
Delta R.T.: 0.002 min  
Response: 2709018  
Conc: 17.89 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



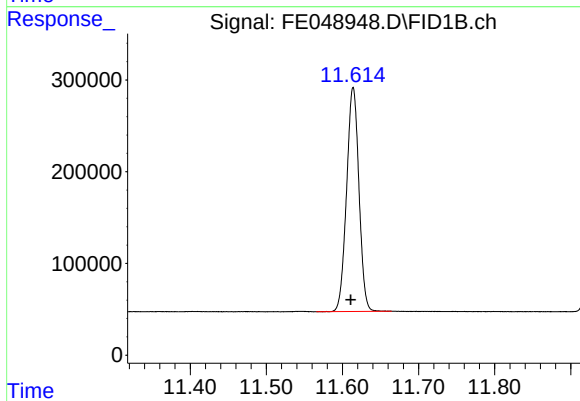
#6 n-Tetradecane (C14)

R.T.: 8.564 min  
Delta R.T.: 0.001 min  
Response: 2737111  
Conc: 17.86 ug/ml



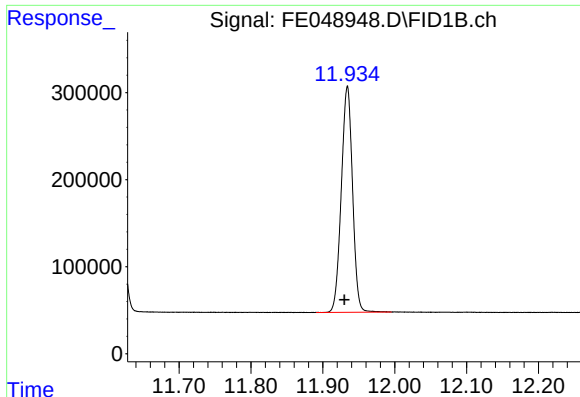
#7 n-Hexadecane (C16)

R.T.: 10.171 min  
Delta R.T.: 0.002 min  
Response: 2776112  
Conc: 17.75 ug/ml



#8 n-Octadecane (C18)

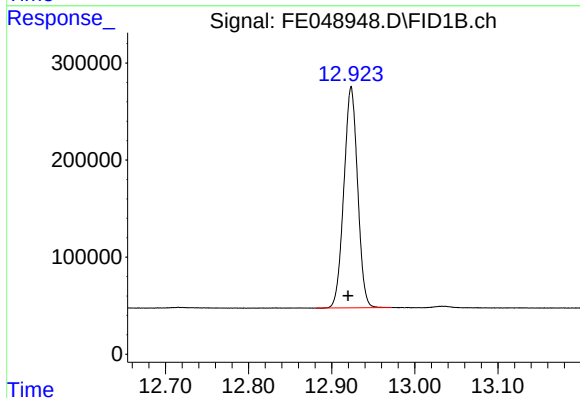
R.T.: 11.614 min  
Delta R.T.: 0.003 min  
Response: 2754826  
Conc: 17.27 ug/ml



#9 ortho-Terphenyl (SURR)

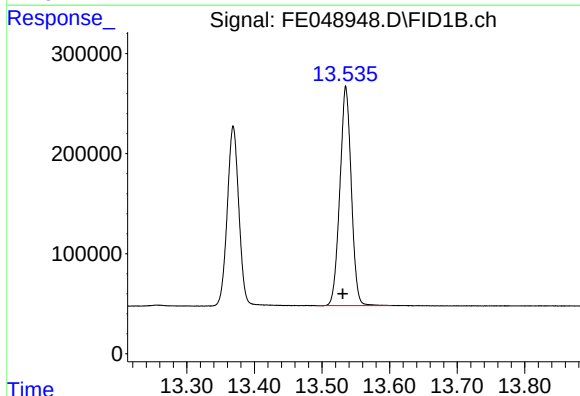
R.T.: 11.934 min  
Delta R.T.: 0.005 min  
Response: 2809630  
Conc: 16.80 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



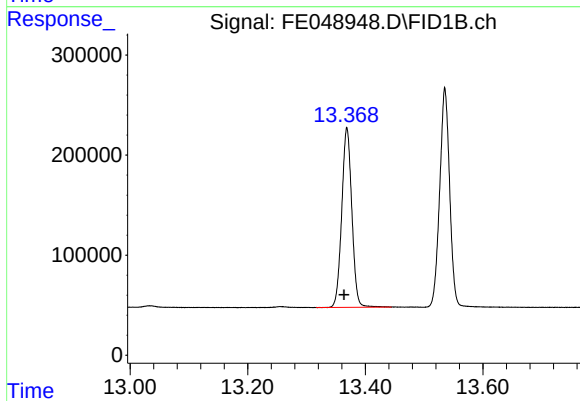
#10 n-Eicosane (C20)

R.T.: 12.924 min  
Delta R.T.: 0.004 min  
Response: 2618227  
Conc: 16.89 ug/ml



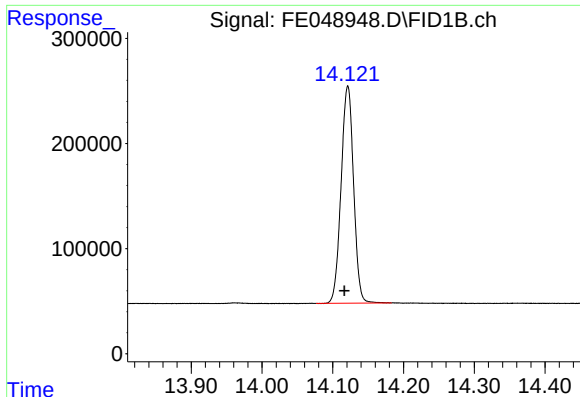
#11 n-Heneicosane (C21)

R.T.: 13.535 min  
Delta R.T.: 0.004 min  
Response: 2569921  
Conc: 16.88 ug/ml



#12 1-chlorooctadecane (SURR)

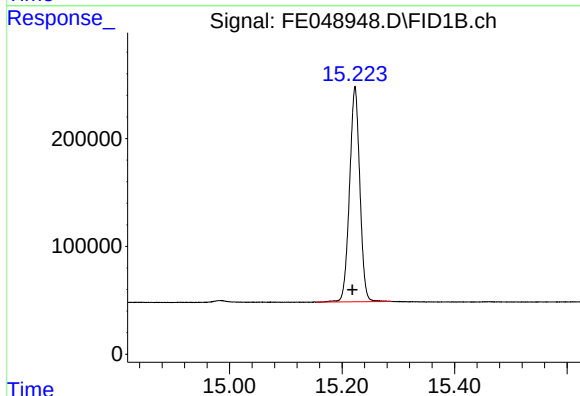
R.T.: 13.369 min  
Delta R.T.: 0.005 min  
Response: 2136213  
Conc: 16.61 ug/ml



#13 n-Docosane (C22)

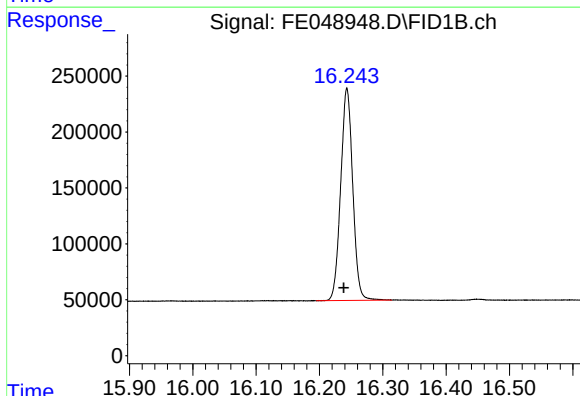
R.T.: 14.121 min  
Delta R.T.: 0.005 min  
Response: 2535277  
Conc: 16.76 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



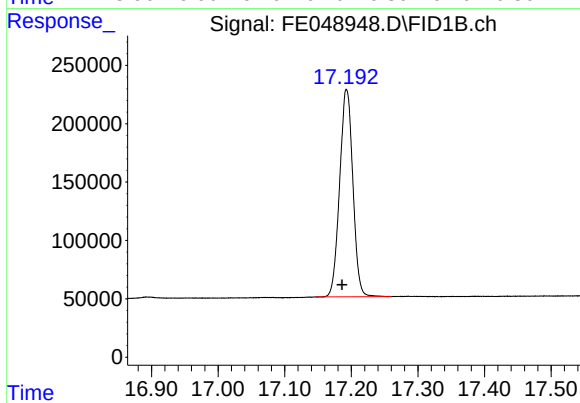
#14 n-Tetracosane (C24)

R.T.: 15.223 min  
Delta R.T.: 0.005 min  
Response: 2529197  
Conc: 16.83 ug/ml



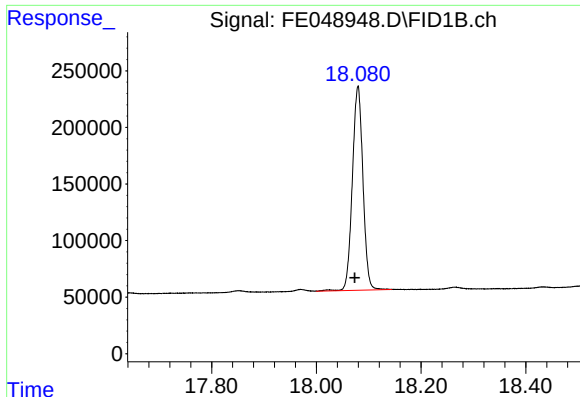
#15 n-Hexacosane (C26)

R.T.: 16.243 min  
Delta R.T.: 0.005 min  
Response: 2506835  
Conc: 16.98 ug/ml



#16 n-Octacosane (C28)

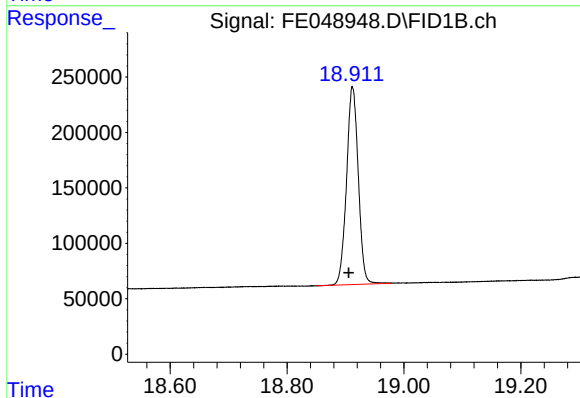
R.T.: 17.193 min  
Delta R.T.: 0.007 min  
Response: 2448468  
Conc: 16.98 ug/ml



#17 n-Tricontane (C30)

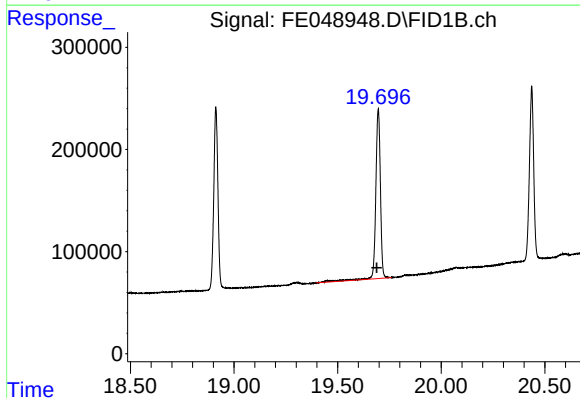
R.T.: 18.080 min  
Delta R.T.: 0.006 min  
Response: 2526863  
Conc: 17.27 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



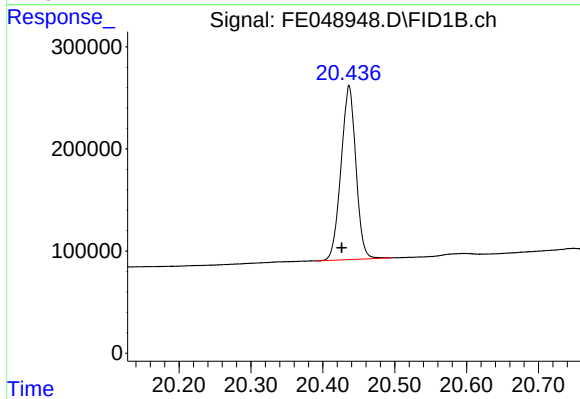
#18 n-Dotriacontane (C32)

R.T.: 18.912 min  
Delta R.T.: 0.007 min  
Response: 2487006  
Conc: 17.39 ug/ml



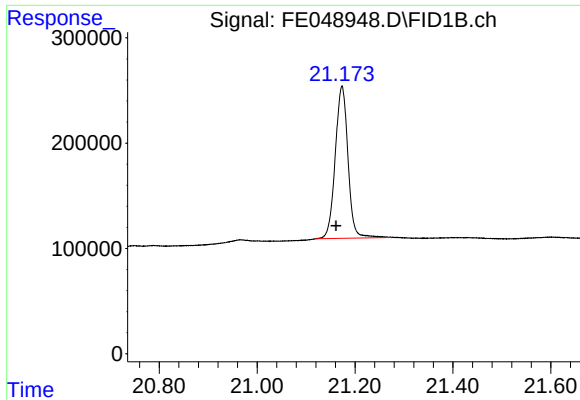
#19 n-Tetratriacontane (C34)

R.T.: 19.696 min  
Delta R.T.: 0.008 min  
Response: 2596008  
Conc: 18.76 ug/ml



#20 n-Hexatriacontane (C36)

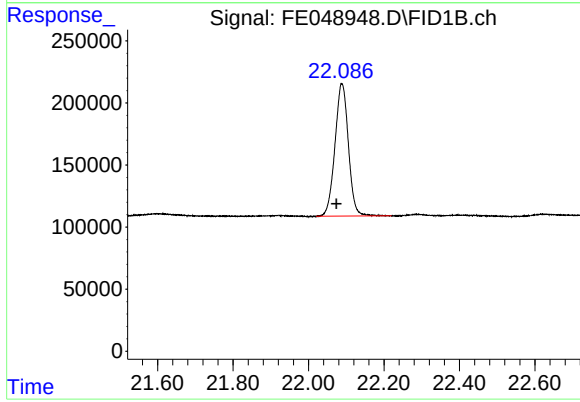
R.T.: 20.437 min  
Delta R.T.: 0.010 min  
Response: 2444185  
Conc: 18.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.173 min  
Delta R.T.: 0.012 min  
Response: 2615555  
Conc: 20.40 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.088 min  
Delta R.T.: 0.014 min  
Response: 2642476  
Conc: 21.58 ug/ml