

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE052324AL\  
 Data File : FE048347.D  
 Signal(s) : FID1B.ch  
 Acq On : 23 May 2024 12:19  
 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: May 24 01:31:54 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 042724.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 29 03:29:12 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)    | 11.957 | 2721249    | 18.863 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.73%       |
| 12) S 1-chlorooctadecane (S... | 13.391 | 2089926    | 18.703 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.41%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.342  | 2767027    | 21.470 ug/ml |
| 2) T n-Decane (C10)            | 4.592  | 2841525    | 21.583 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.299  | 2791542    | 20.217 ug/ml |
| 4) T n-Dodecane (C12)          | 6.758  | 2785543    | 20.895 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.396  | 2625093    | 19.726 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.587  | 2678888    | 20.215 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.194 | 2671667    | 19.426 ug/ml |
| 8) T n-Octadecane (C18)        | 11.637 | 2641811    | 18.965 ug/ml |
| 10) T n-Eicosane (C20)         | 12.946 | 2530196    | 18.792 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.557 | 2470363    | 18.662 ug/ml |
| 13) T n-Docosane (C22)         | 14.144 | 2475724    | 18.682 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.246 | 2540453    | 19.079 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.266 | 2549790    | 19.108 ug/ml |
| 16) T n-Octacosane (C28)       | 17.215 | 2608530    | 19.591 ug/ml |
| 17) T n-Tricontane (C30)       | 18.102 | 2811610    | 20.372 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.934 | 2934299    | 21.244 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.716 | 3579758    | 26.279 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.455 | 2767593    | 20.440 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.193 | 2631271    | 19.058 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.114 | 2892597    | 20.762 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

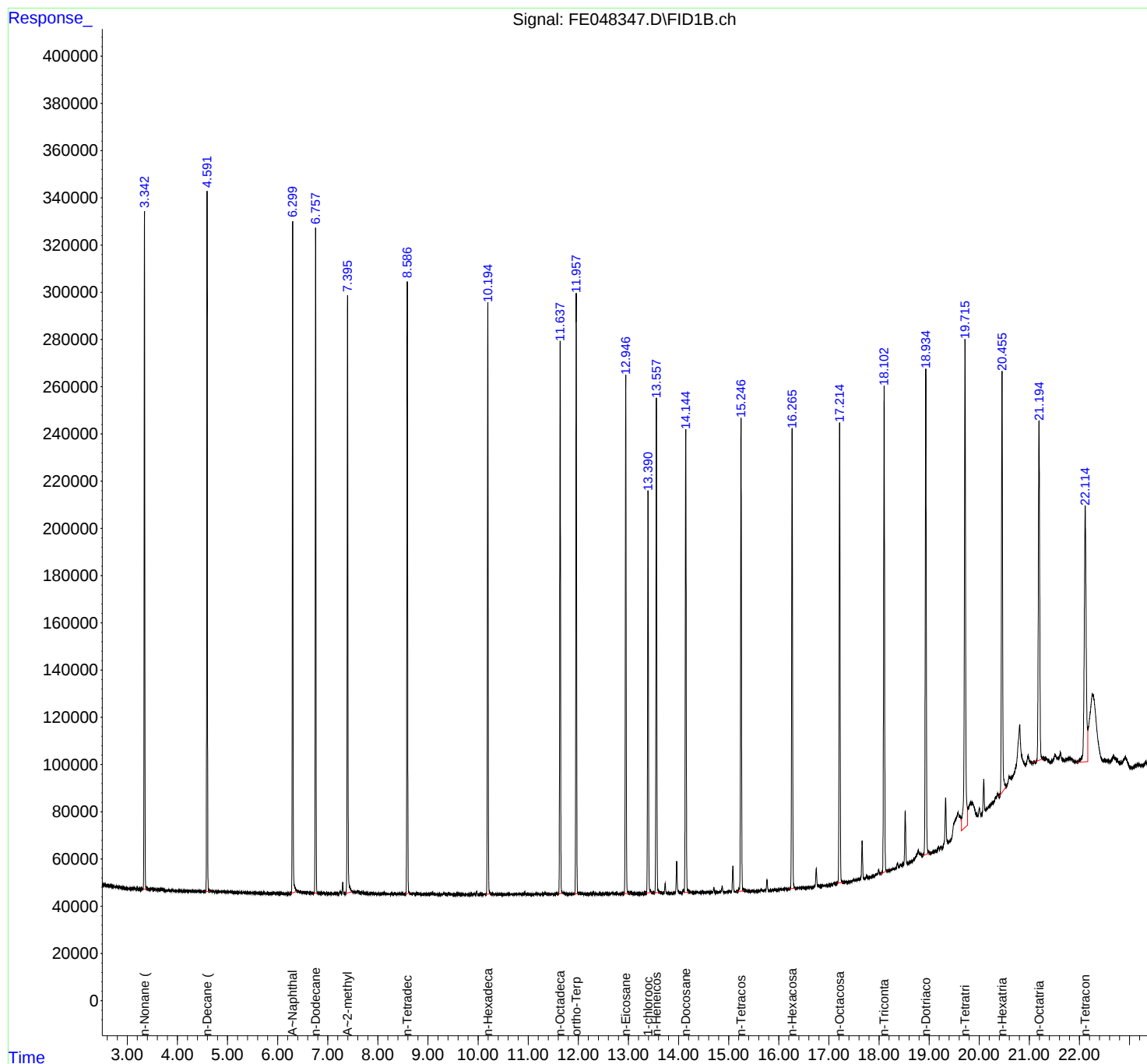
(m)=manual int.

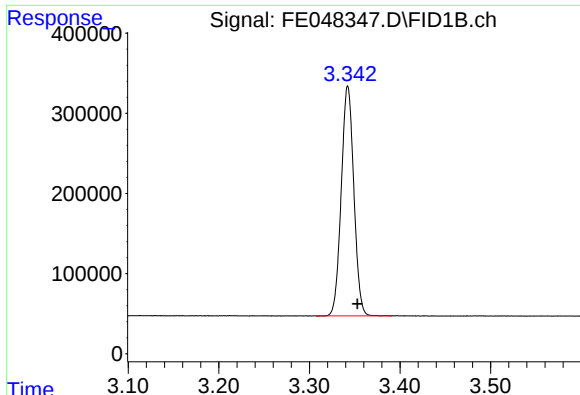
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE052324AL\  
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Signal(s) : FID1B.ch  
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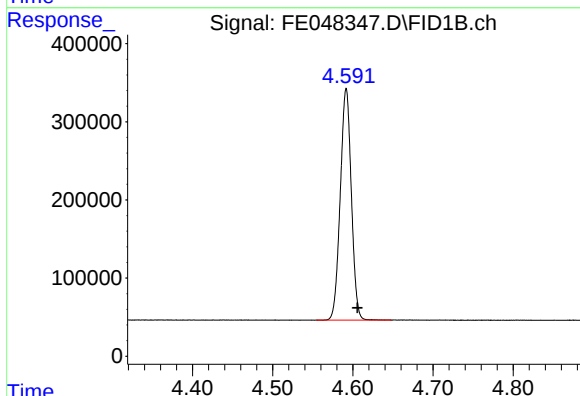




#1 n-Nonane (C9)

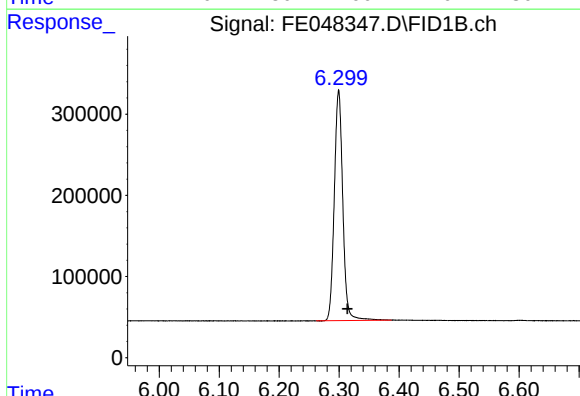
R.T.: 3.342 min  
Delta R.T.: -0.011 min  
Response: 2767027  
Conc: 21.47 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



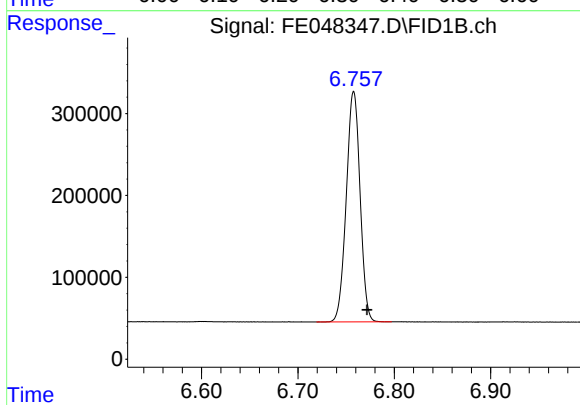
#2 n-Decane (C10)

R.T.: 4.592 min  
Delta R.T.: -0.014 min  
Response: 2841525  
Conc: 21.58 ug/ml



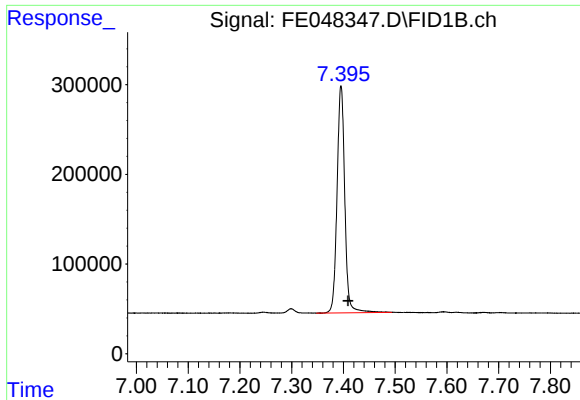
#3 A~Naphthalene (C11.7)

R.T.: 6.299 min  
Delta R.T.: -0.014 min  
Response: 2791542  
Conc: 20.22 ug/ml



#4 n-Dodecane (C12)

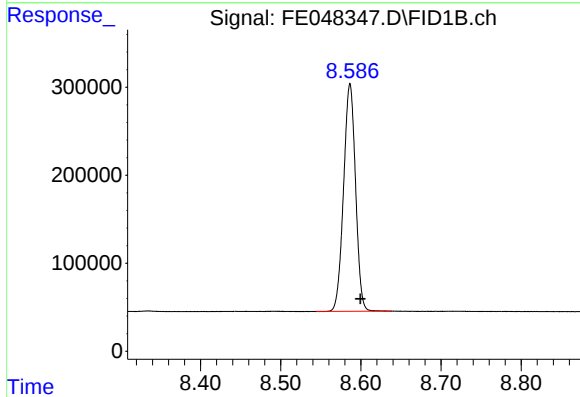
R.T.: 6.758 min  
Delta R.T.: -0.014 min  
Response: 2785543  
Conc: 20.89 ug/ml



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

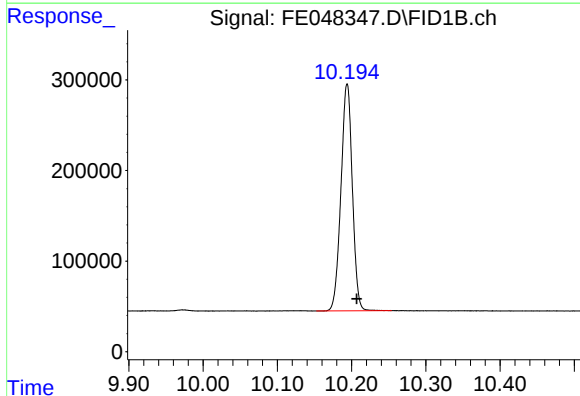
R.T.: 7.396 min  
Delta R.T.: -0.013 min  
Response: 2625093  
Conc: 19.73 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



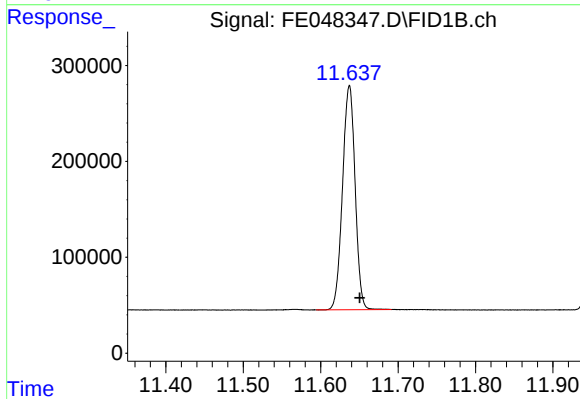
#6 n-Tetradecane (C14)

R.T.: 8.587 min  
Delta R.T.: -0.013 min  
Response: 2678888  
Conc: 20.21 ug/ml



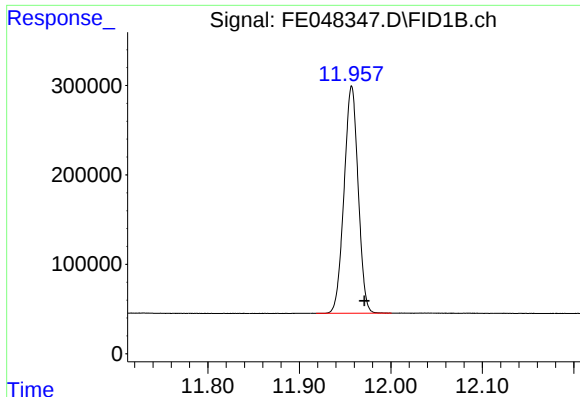
#7 n-Hexadecane (C16)

R.T.: 10.194 min  
Delta R.T.: -0.013 min  
Response: 2671667  
Conc: 19.43 ug/ml



#8 n-Octadecane (C18)

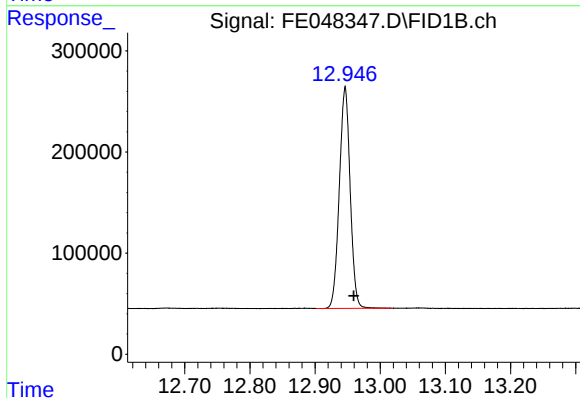
R.T.: 11.637 min  
Delta R.T.: -0.013 min  
Response: 2641811  
Conc: 18.97 ug/ml



#9 ortho-Terphenyl (SURR)

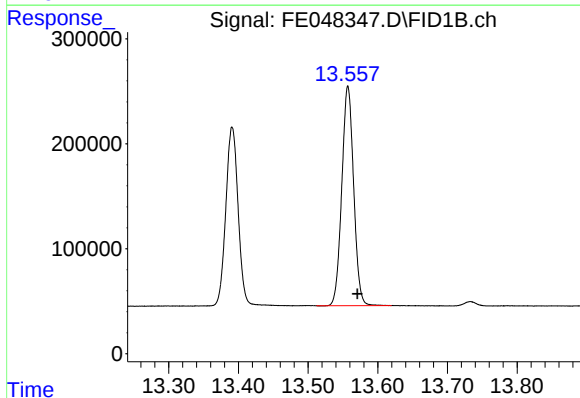
R.T.: 11.957 min  
Delta R.T.: -0.014 min  
Response: 2721249  
Conc: 18.86 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



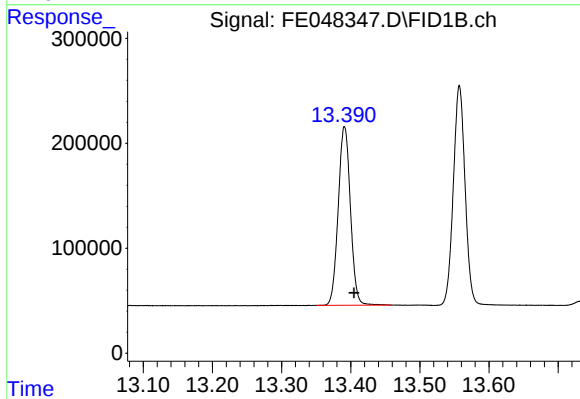
#10 n-Eicosane (C20)

R.T.: 12.946 min  
Delta R.T.: -0.013 min  
Response: 2530196  
Conc: 18.79 ug/ml



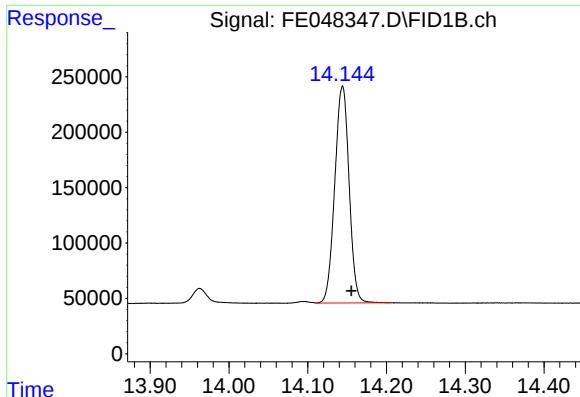
#11 n-Heneicosane (C21)

R.T.: 13.557 min  
Delta R.T.: -0.014 min  
Response: 2470363  
Conc: 18.66 ug/ml



#12 1-chlorooctadecane (SURR)

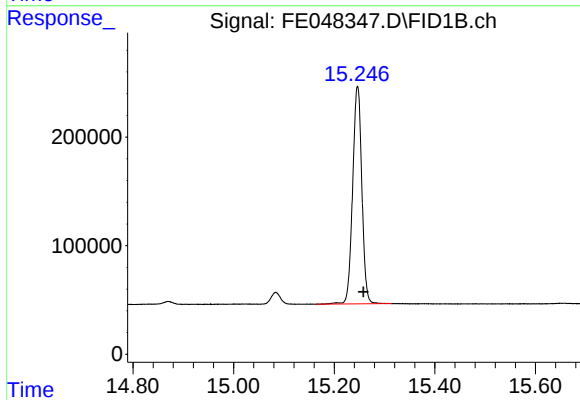
R.T.: 13.391 min  
Delta R.T.: -0.014 min  
Response: 2089926  
Conc: 18.70 ug/ml



#13 n-Docosane (C22)

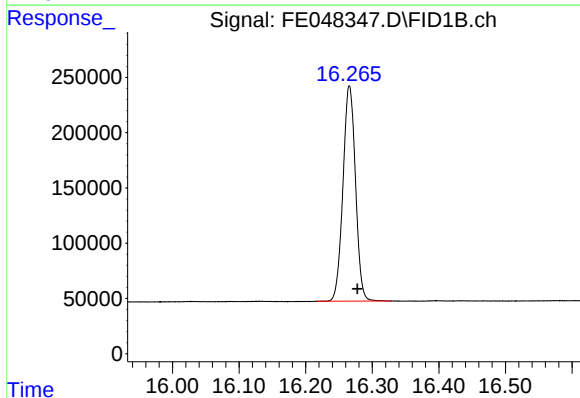
R.T.: 14.144 min  
Delta R.T.: -0.011 min  
Response: 2475724  
Conc: 18.68 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



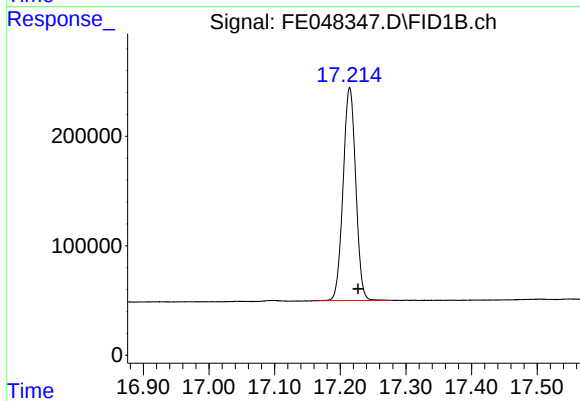
#14 n-Tetracosane (C24)

R.T.: 15.246 min  
Delta R.T.: -0.011 min  
Response: 2540453  
Conc: 19.08 ug/ml



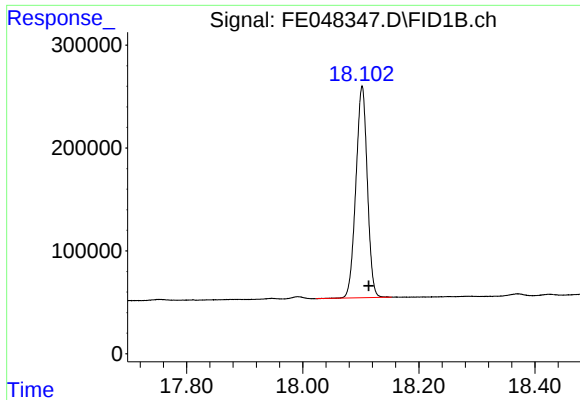
#15 n-Hexacosane (C26)

R.T.: 16.266 min  
Delta R.T.: -0.012 min  
Response: 2549790  
Conc: 19.11 ug/ml



#16 n-Octacosane (C28)

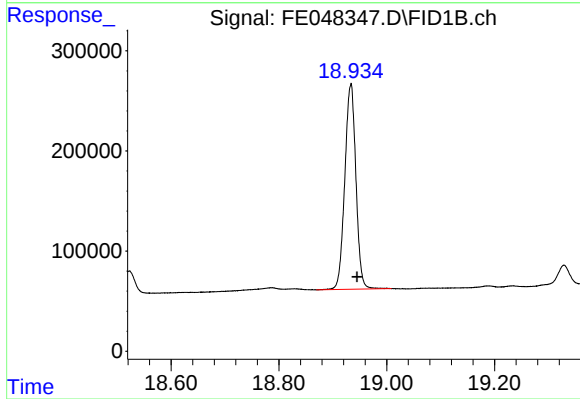
R.T.: 17.215 min  
Delta R.T.: -0.013 min  
Response: 2608530  
Conc: 19.59 ug/ml



#17 n-Tricontane (C30)

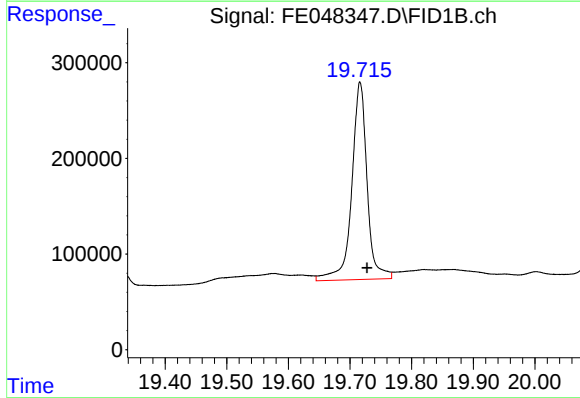
R.T.: 18.102 min  
Delta R.T.: -0.011 min  
Response: 2811610  
Conc: 20.37 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



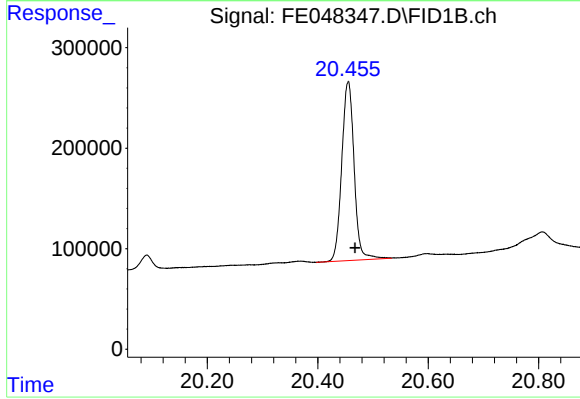
#18 n-Dotriacontane (C32)

R.T.: 18.934 min  
Delta R.T.: -0.011 min  
Response: 2934299  
Conc: 21.24 ug/ml



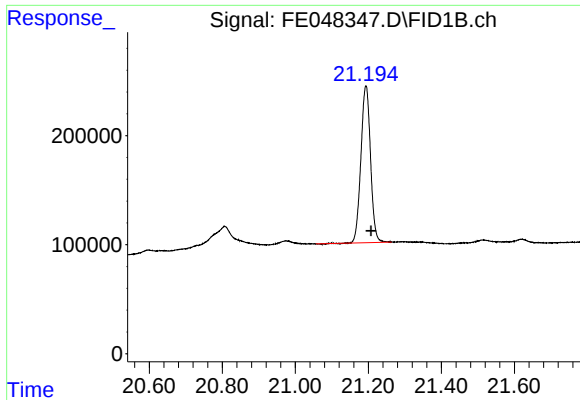
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min  
Delta R.T.: -0.011 min  
Response: 3579758  
Conc: 26.28 ug/ml



#20 n-Hexatriacontane (C36)

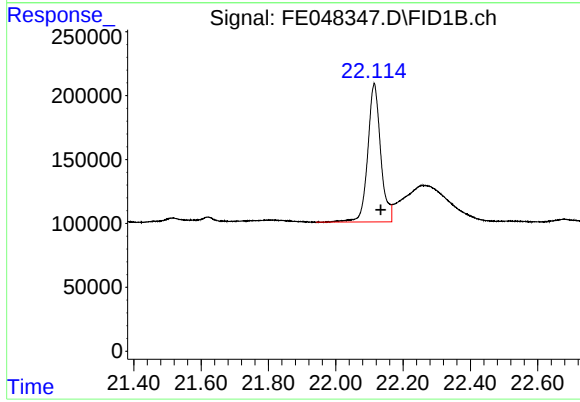
R.T.: 20.455 min  
Delta R.T.: -0.012 min  
Response: 2767593  
Conc: 20.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.193 min  
Delta R.T.: -0.014 min  
Response: 2631271  
Conc: 19.06 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.114 min  
Delta R.T.: -0.020 min  
Response: 2892597  
Conc: 20.76 ug/ml