

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110223AL\  
 Data File : FE045167.D  
 Signal(s) : FID1B.ch  
 Acq On : 02 Nov 2023 20:49  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 02 23:12:11 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 101223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 12 06:15:32 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)    | 11.889 | 3650603    | 18.211 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.42%        |
| 12) S 1-chlorooctadecane (S... | 13.331 | 2645445    | 17.876 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.75%        |
|                                |        |            |               |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.274  | 3171962    | 18.909 ug/ml  |
| 2) T n-Decane (C10)            | 4.526  | 3225350    | 18.934 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.227  | 3459974    | 18.691 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.692  | 3253906    | 18.850 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.322  | 3332736    | 18.475 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.518  | 3201947    | 18.673 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.129 | 3227341    | 18.456 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.575 | 3192289    | 18.303 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.887 | 3024382    | 18.107 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.500 | 2932945    | 17.992 ug/ml  |
| 13) T n-Docosane (C22)         | 14.086 | 2893432    | 18.089 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.192 | 2859217    | 18.423 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.214 | 2798876    | 18.642 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.166 | 2798791    | 19.060 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.056 | 2880509    | 19.367 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.889 | 2932589    | 19.538 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.675 | 2966827    | 19.930 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.416 | 3130748    | 20.364 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.154 | 3247243    | 20.788 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.070 | 3293772    | 19.709 ug/ml  |
| -----                          |        |            |               |

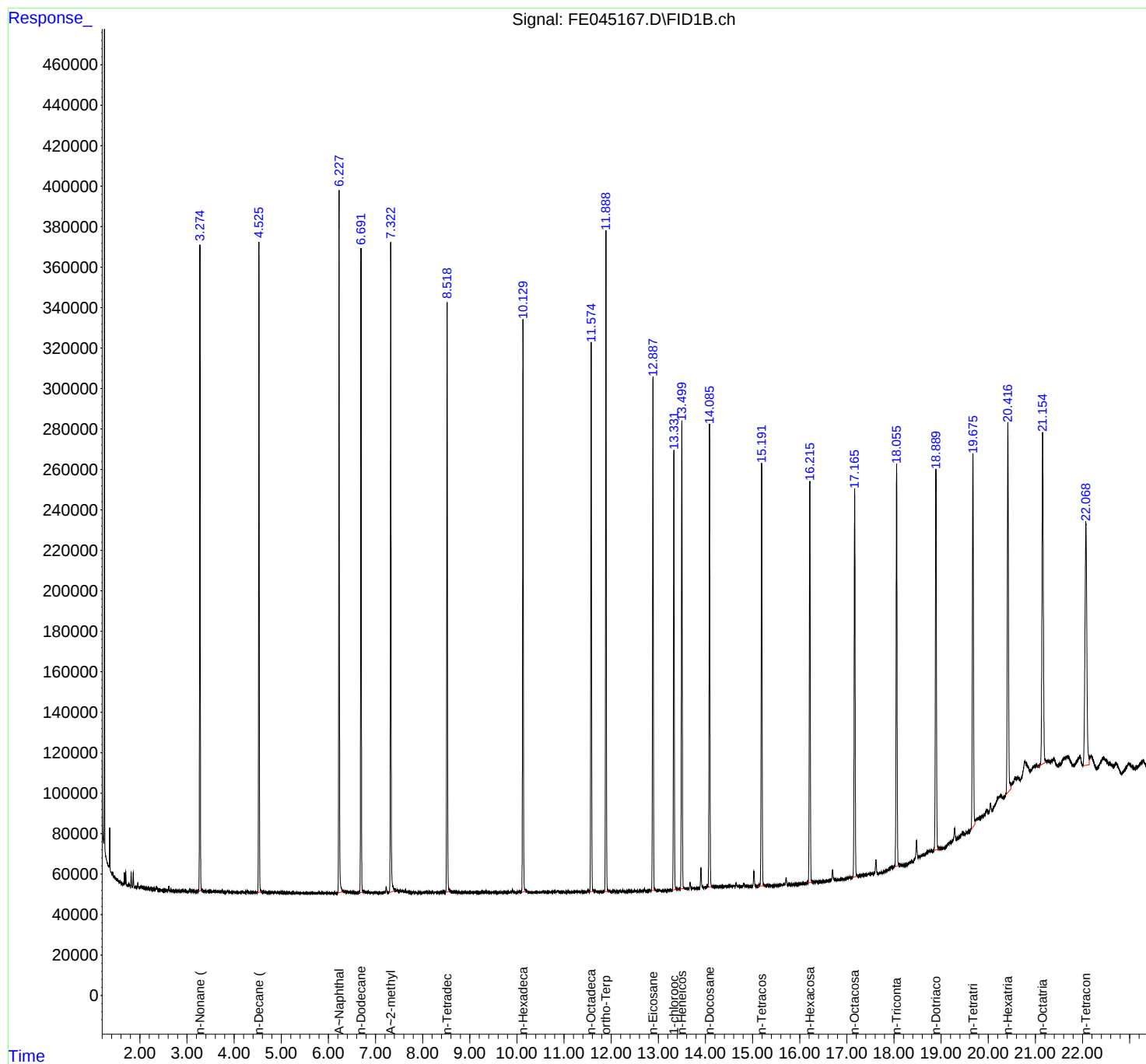
(f)=RT Delta > 1/2 Window

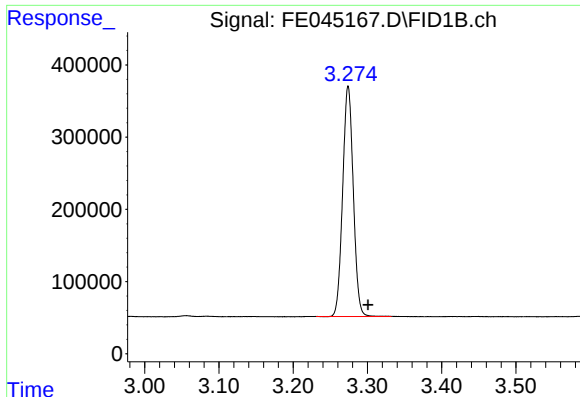
(m)=manual int.

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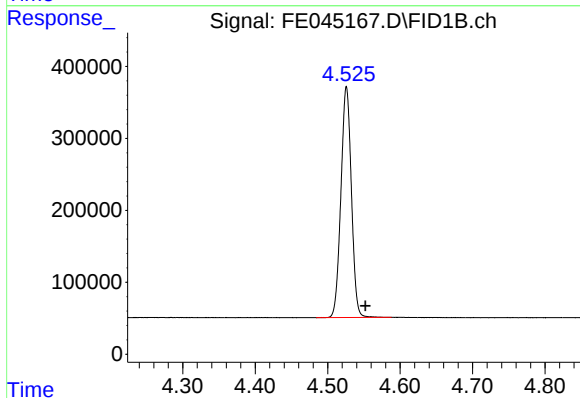
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





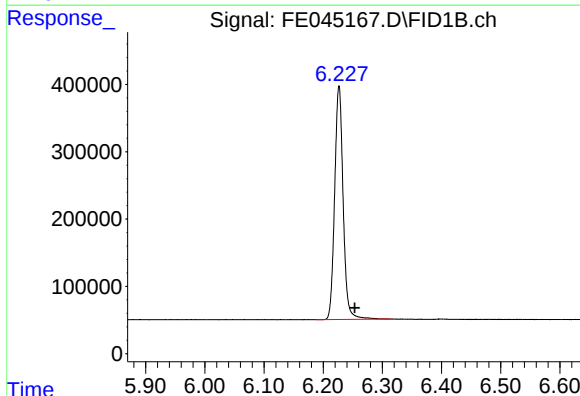
#1 n-Nonane (C9)

R.T.: 3.274 min  
Delta R.T.: -0.027 min  
Response: 3171962  
Conc: 18.91 ug/ml



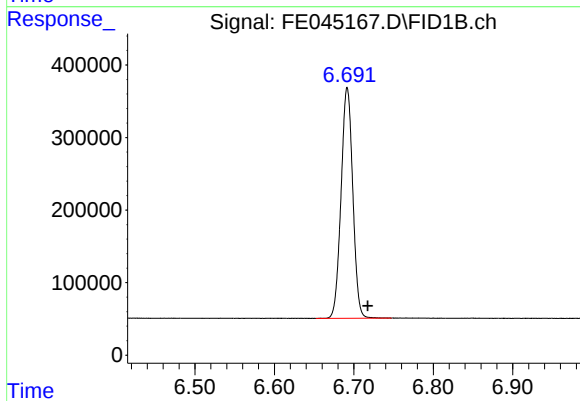
#2 n-Decane (C10)

R.T.: 4.526 min  
Delta R.T.: -0.026 min  
Response: 3225350  
Conc: 18.93 ug/ml



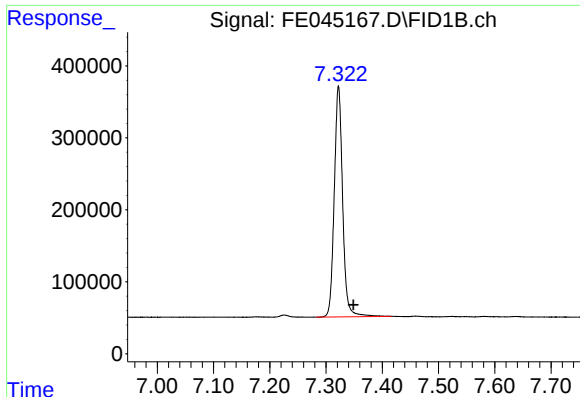
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min  
Delta R.T.: -0.026 min  
Response: 3459974  
Conc: 18.69 ug/ml



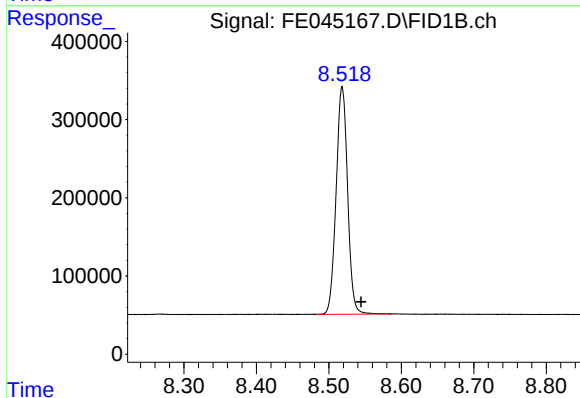
#4 n-Dodecane (C12)

R.T.: 6.692 min  
Delta R.T.: -0.026 min  
Response: 3253906  
Conc: 18.85 ug/ml



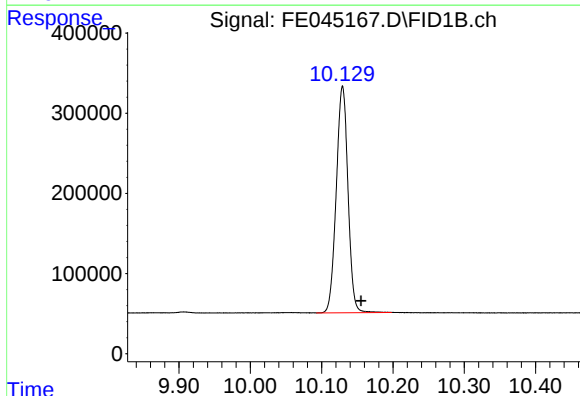
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.322 min  
Delta R.T.: -0.027 min  
Response: 3332736  
Conc: 18.47 ug/ml



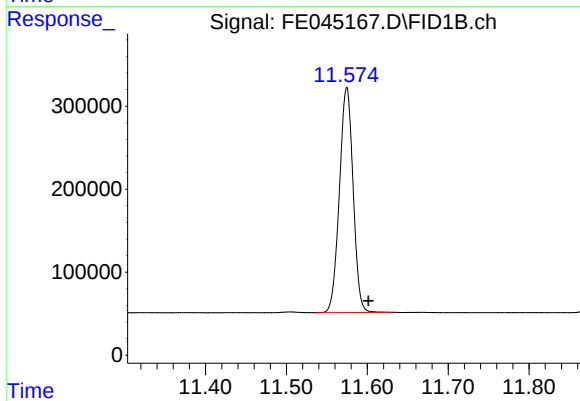
#6 n-Tetradecane (C14)

R.T.: 8.518 min  
Delta R.T.: -0.026 min  
Response: 3201947  
Conc: 18.67 ug/ml



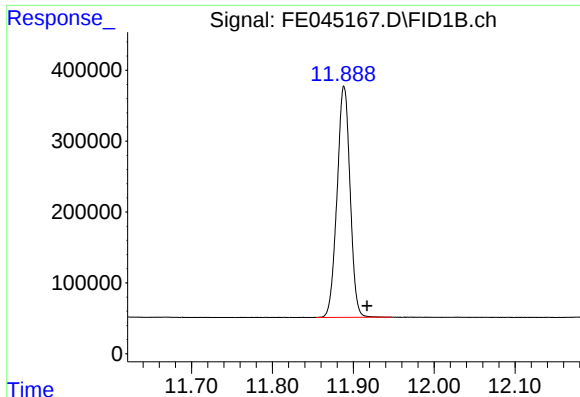
#7 n-Hexadecane (C16)

R.T.: 10.129 min  
Delta R.T.: -0.026 min  
Response: 3227341  
Conc: 18.46 ug/ml



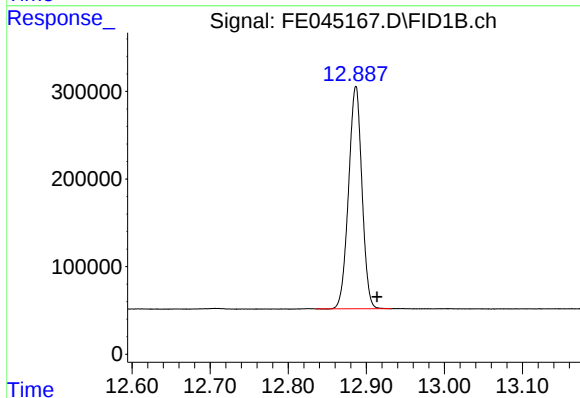
#8 n-Octadecane (C18)

R.T.: 11.575 min  
Delta R.T.: -0.027 min  
Response: 3192289  
Conc: 18.30 ug/ml



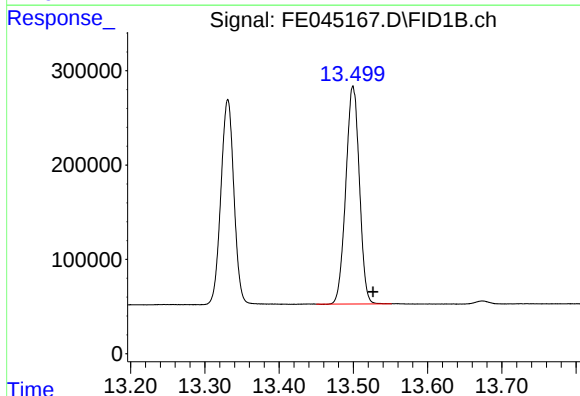
#9 ortho-Terphenyl (SURR)

R.T.: 11.889 min  
Delta R.T.: -0.028 min  
Response: 3650603  
Conc: 18.21 ug/ml



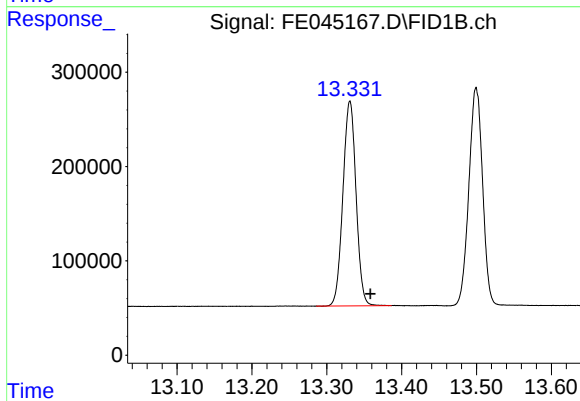
#10 n-Eicosane (C20)

R.T.: 12.887 min  
Delta R.T.: -0.027 min  
Response: 3024382  
Conc: 18.11 ug/ml



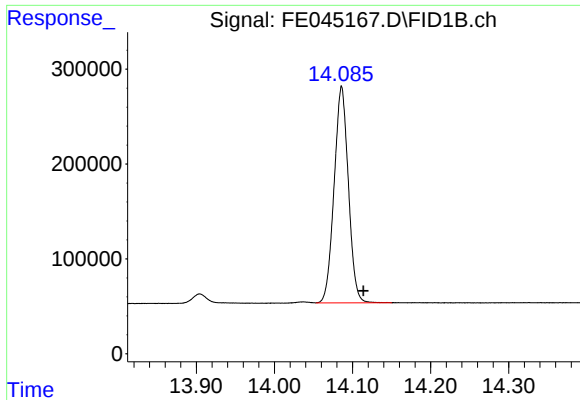
#11 n-Heneicosane (C21)

R.T.: 13.500 min  
Delta R.T.: -0.027 min  
Response: 2932945  
Conc: 17.99 ug/ml



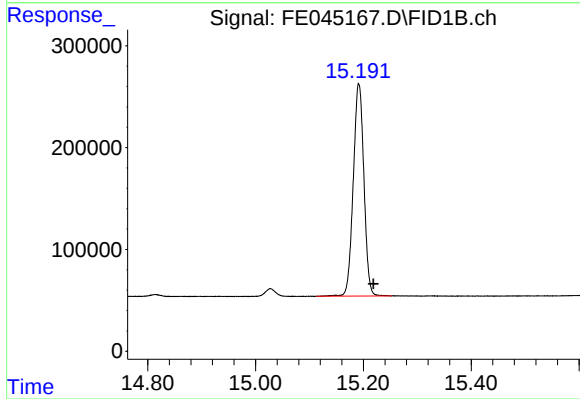
#12 1-chlorooctadecane (SURR)

R.T.: 13.331 min  
Delta R.T.: -0.027 min  
Response: 2645445  
Conc: 17.88 ug/ml



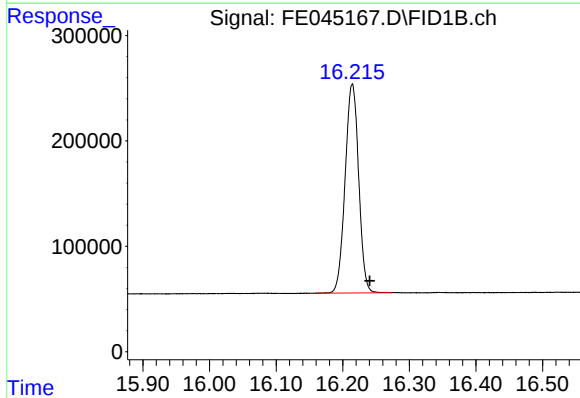
#13 n-Docosane (C22)

R.T.: 14.086 min  
Delta R.T.: -0.028 min  
Response: 2893432  
Conc: 18.09 ug/ml



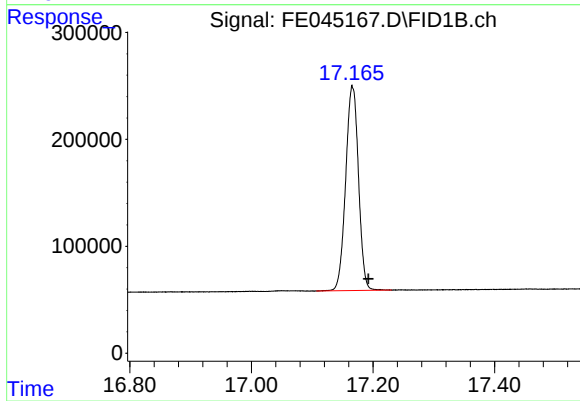
#14 n-Tetracosane (C24)

R.T.: 15.192 min  
Delta R.T.: -0.027 min  
Response: 2859217  
Conc: 18.42 ug/ml



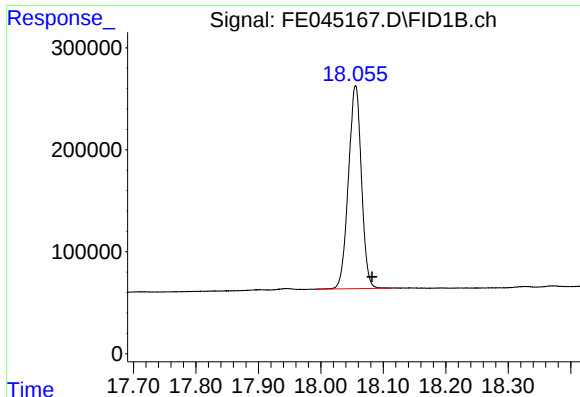
#15 n-Hexacosane (C26)

R.T.: 16.214 min  
Delta R.T.: -0.026 min  
Response: 2798876  
Conc: 18.64 ug/ml



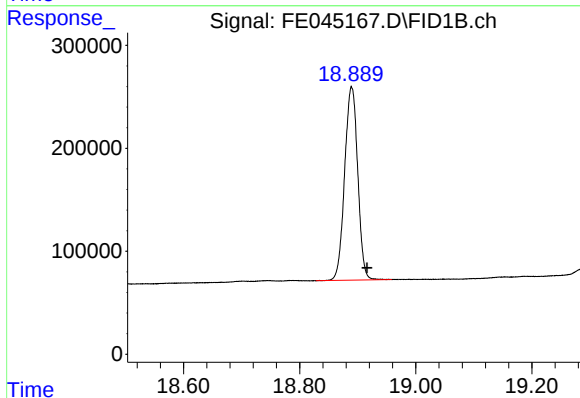
#16 n-Octacosane (C28)

R.T.: 17.166 min  
Delta R.T.: -0.026 min  
Response: 2798791  
Conc: 19.06 ug/ml



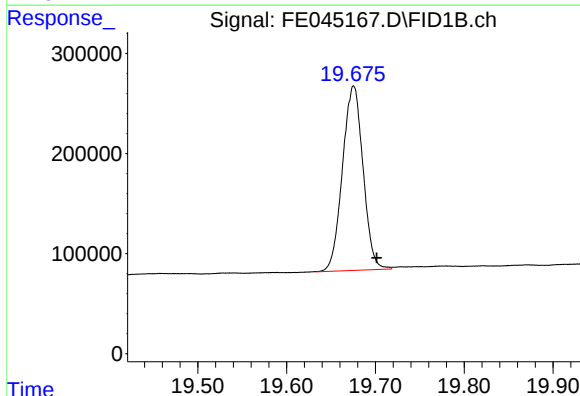
#17 n-Tricontane (C30)

R.T.: 18.056 min  
Delta R.T.: -0.026 min  
Response: 2880509  
Conc: 19.37 ug/ml



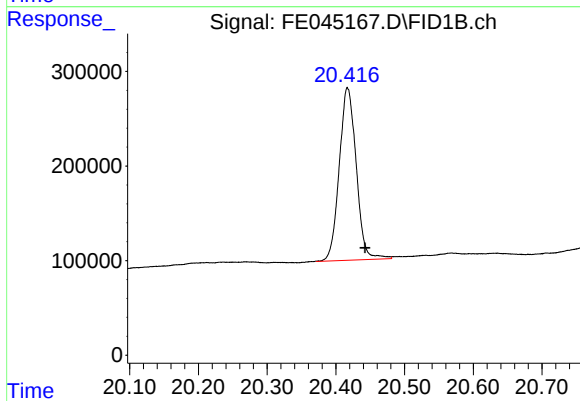
#18 n-Dotriacontane (C32)

R.T.: 18.889 min  
Delta R.T.: -0.027 min  
Response: 2932589  
Conc: 19.54 ug/ml



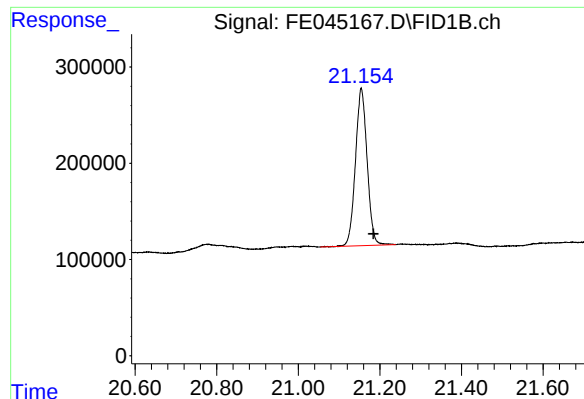
#19 n-Tetratriacontane (C34)

R.T.: 19.675 min  
Delta R.T.: -0.026 min  
Response: 2966827  
Conc: 19.93 ug/ml m



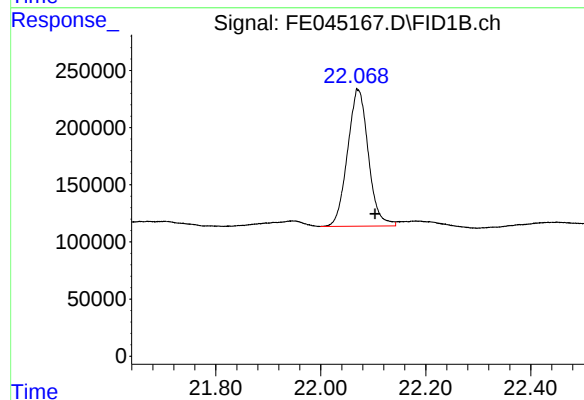
#20 n-Hexatriacontane (C36)

R.T.: 20.416 min  
Delta R.T.: -0.027 min  
Response: 3130748  
Conc: 20.36 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.154 min  
Delta R.T.: -0.030 min  
Response: 3247243  
Conc: 20.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.070 min  
Delta R.T.: -0.033 min  
Response: 3293772  
Conc: 19.71 ug/ml