

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE012523AL\  
 Data File : FE040044.D  
 Signal(s) : FID1B.ch  
 Acq On : 25 Jan 2023 20:14  
 Operator : YP\AJ  
 Sample : 01283-04MSD  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 26 02:48:33 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 011023.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 10 04:24:52 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)    | 11.907 | 5231424    | 34.066 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 68.13%        |
| 12) S 1-chlorooctadecane (S... | 13.344 | 4170027    | 35.734 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 71.47%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.305  | 4044103    | 31.860 ug/ml  |
| 2) T n-Decane (C10)            | 4.552  | 4585896    | 36.927 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.251  | 5161982    | 36.603 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.714  | 5184708    | 41.238 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.346  | 5157801    | 39.379 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.541  | 5462646    | 42.473 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.148 | 5787625    | 42.901 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.591 | 5911763    | 42.189 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.901 | 5794710    | 41.823 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.512 | 5637360    | 40.399 ug/ml  |
| 13) T n-Docosane (C22)         | 14.099 | 5606592    | 40.392 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.196 | 4407658    | 32.014 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.224 | 5328055    | 39.921 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.174 | 5157474    | 39.619 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.064 | 5034356    | 39.477 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.894 | 5000270    | 39.552 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.680 | 4854735    | 39.288 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.420 | 4573002    | 38.788 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.154 | 4557914    | 38.136 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.054 | 4299104    | 35.422 ug/ml  |
| -----                          |        |            |               |

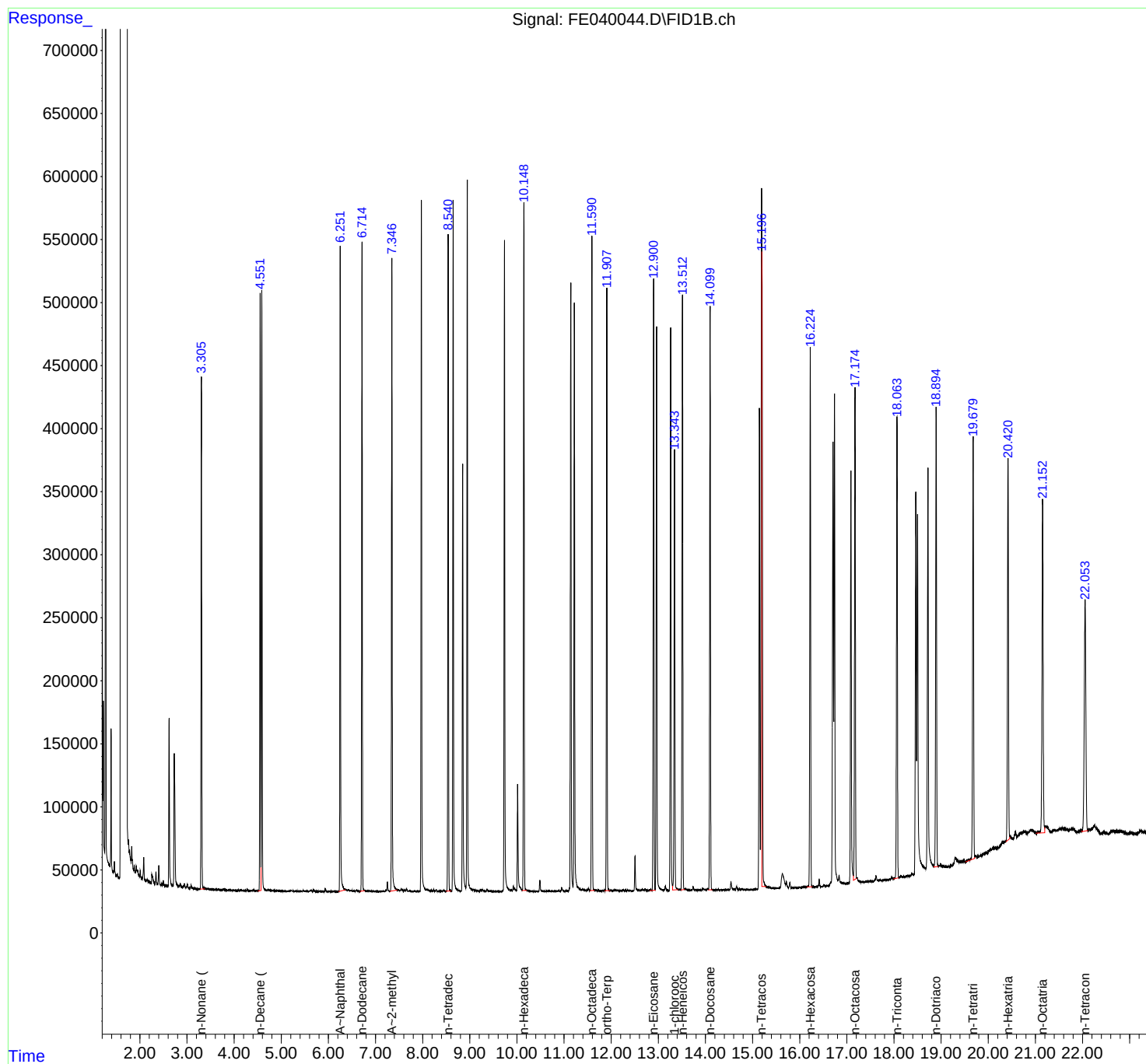
(f)=RT Delta > 1/2 Window

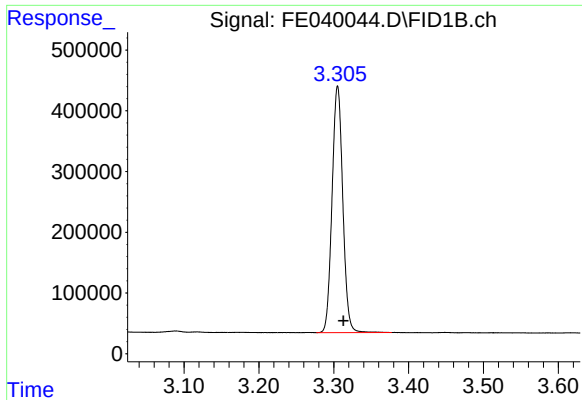
(m)=manual int.

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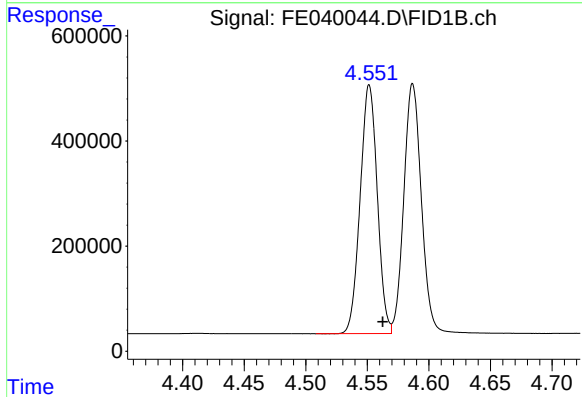
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





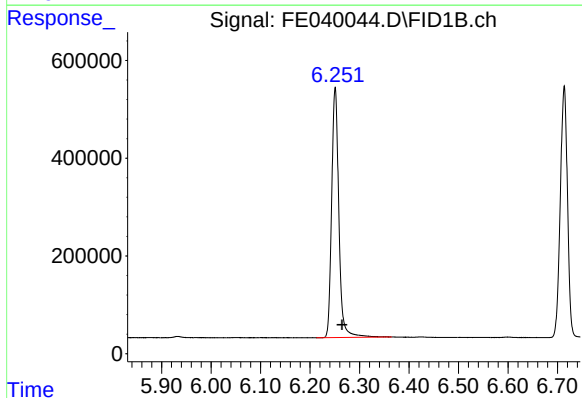
#1 n-Nonane (C9)

R.T.: 3.305 min  
Delta R.T.: -0.008 min  
Response: 4044103  
Conc: 31.86 ug/ml



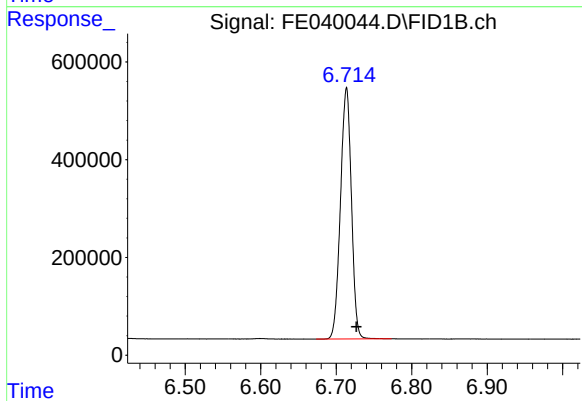
#2 n-Decane (C10)

R.T.: 4.552 min  
Delta R.T.: -0.011 min  
Response: 4585896  
Conc: 36.93 ug/ml



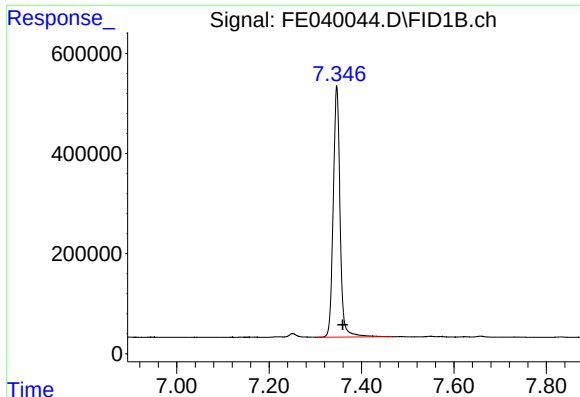
#3 A~Naphthalene (C11.7)

R.T.: 6.251 min  
Delta R.T.: -0.014 min  
Response: 5161982  
Conc: 36.60 ug/ml



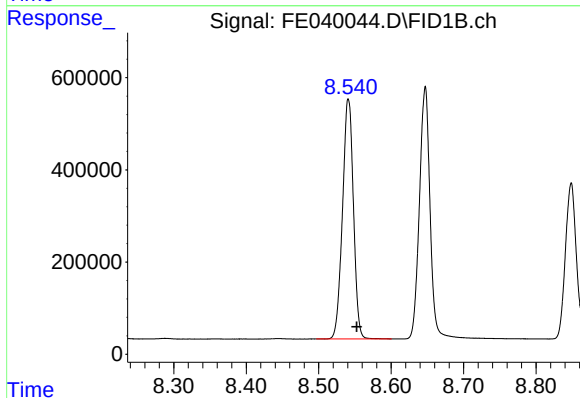
#4 n-Dodecane (C12)

R.T.: 6.714 min  
Delta R.T.: -0.013 min  
Response: 5184708  
Conc: 41.24 ug/ml



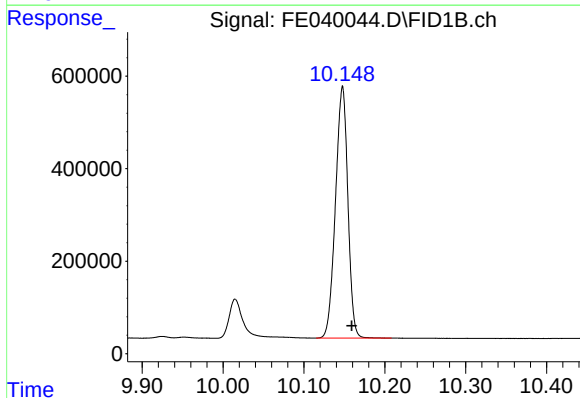
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.346 min  
Delta R.T.: -0.013 min  
Response: 5157801  
Conc: 39.38 ug/ml



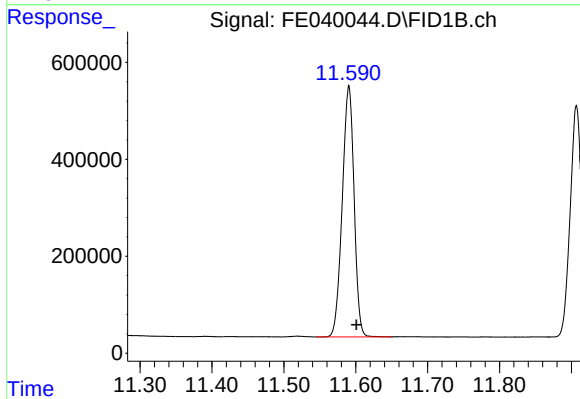
#6 n-Tetradecane (C14)

R.T.: 8.541 min  
Delta R.T.: -0.011 min  
Response: 5462646  
Conc: 42.47 ug/ml



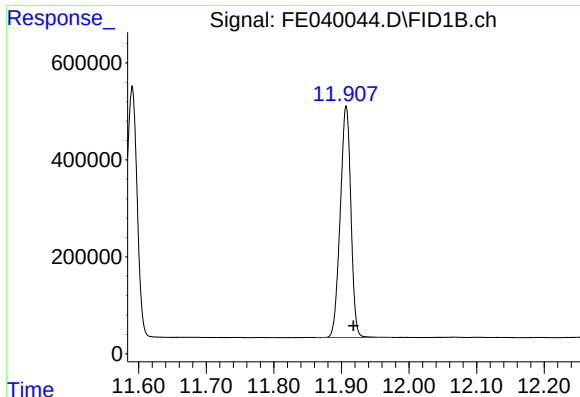
#7 n-Hexadecane (C16)

R.T.: 10.148 min  
Delta R.T.: -0.011 min  
Response: 5787625  
Conc: 42.90 ug/ml



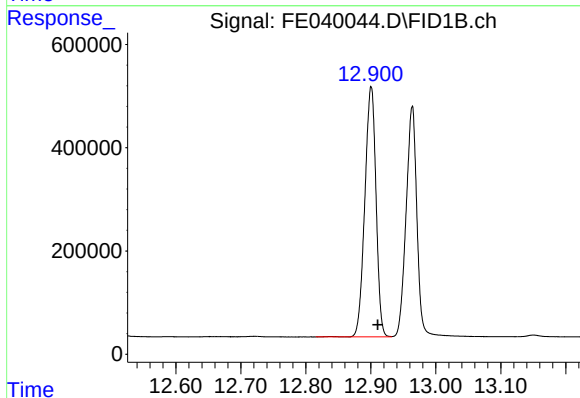
#8 n-Octadecane (C18)

R.T.: 11.591 min  
Delta R.T.: -0.010 min  
Response: 5911763  
Conc: 42.19 ug/ml



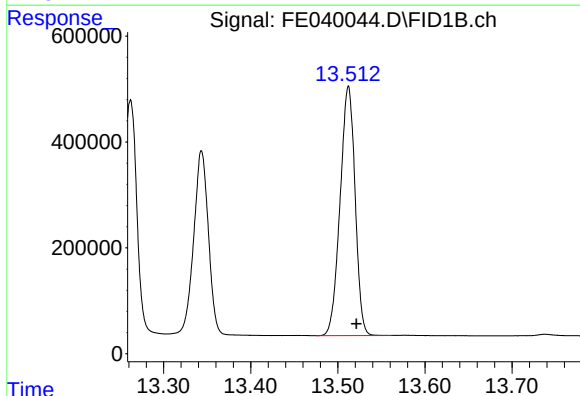
#9 ortho-Terphenyl (SURR)

R.T.: 11.907 min  
Delta R.T.: -0.011 min  
Response: 5231424  
Conc: 34.07 ug/ml



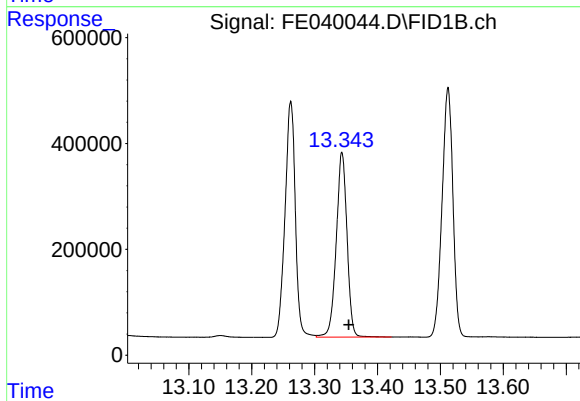
#10 n-Eicosane (C20)

R.T.: 12.901 min  
Delta R.T.: -0.010 min  
Response: 5794710  
Conc: 41.82 ug/ml



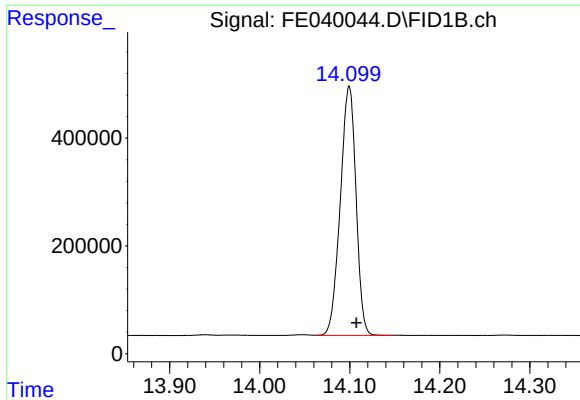
#11 n-Heneicosane (C21)

R.T.: 13.512 min  
Delta R.T.: -0.009 min  
Response: 5637360  
Conc: 40.40 ug/ml



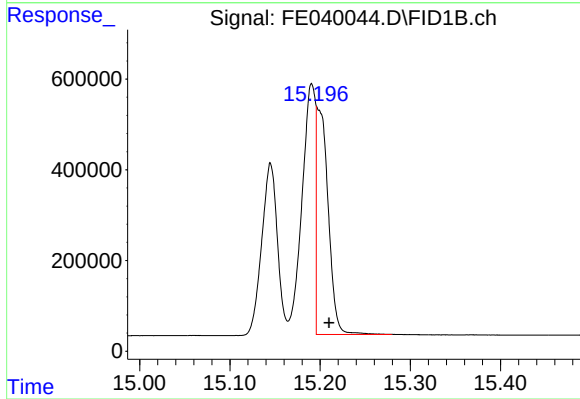
#12 1-chlorooctadecane (SURR)

R.T.: 13.344 min  
Delta R.T.: -0.011 min  
Response: 4170027  
Conc: 35.73 ug/ml



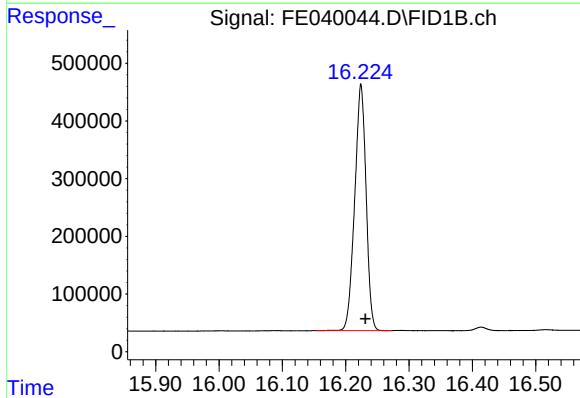
#13 n-Docosane (C22)

R.T.: 14.099 min  
Delta R.T.: -0.008 min  
Response: 5606592  
Conc: 40.39 ug/ml



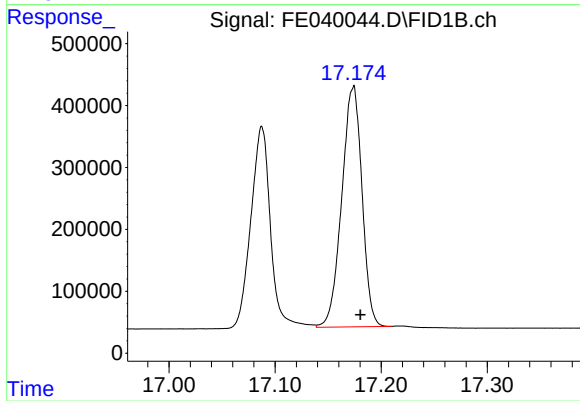
#14 n-Tetracosane (C24)

R.T.: 15.196 min  
Delta R.T.: -0.014 min  
Response: 4407658  
Conc: 32.01 ug/ml m



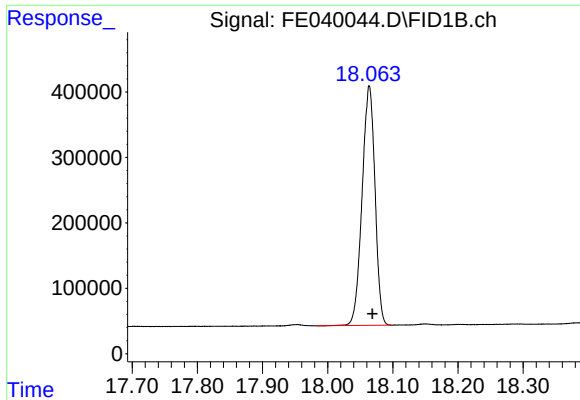
#15 n-Hexacosane (C26)

R.T.: 16.224 min  
Delta R.T.: -0.007 min  
Response: 5328055  
Conc: 39.92 ug/ml



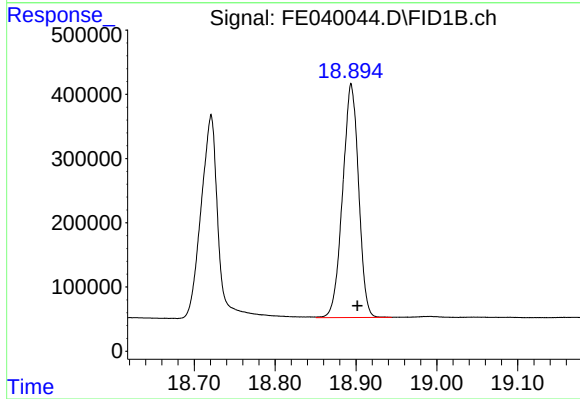
#16 n-Octacosane (C28)

R.T.: 17.174 min  
Delta R.T.: -0.007 min  
Response: 5157474  
Conc: 39.62 ug/ml



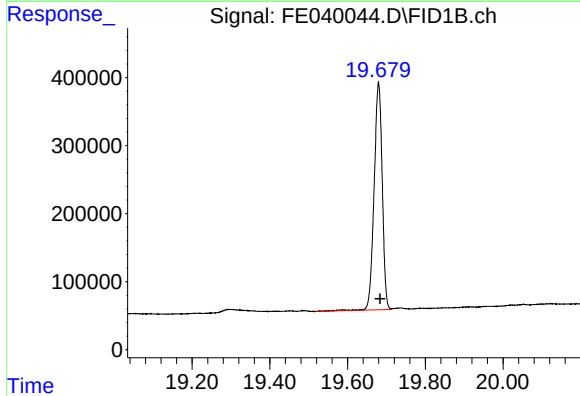
#17 n-Tricontane (C30)

R.T.: 18.064 min  
Delta R.T.: -0.005 min  
Response: 5034356  
Conc: 39.48 ug/ml



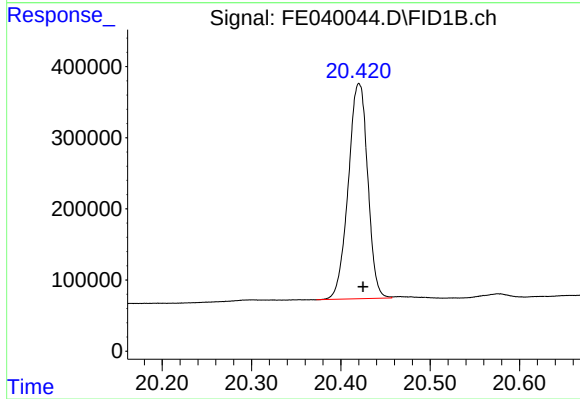
#18 n-Dotriacontane (C32)

R.T.: 18.894 min  
Delta R.T.: -0.007 min  
Response: 5000270  
Conc: 39.55 ug/ml



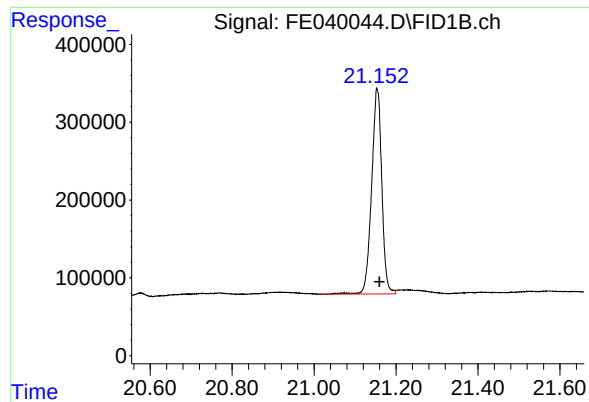
#19 n-Tetratriacontane (C34)

R.T.: 19.680 min  
Delta R.T.: -0.004 min  
Response: 4854735  
Conc: 39.29 ug/ml



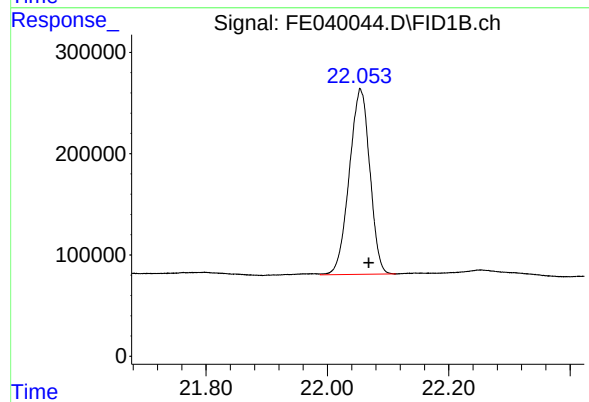
#20 n-Hexatriacontane (C36)

R.T.: 20.420 min  
Delta R.T.: -0.005 min  
Response: 4573002  
Conc: 38.79 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.154 min  
Delta R.T.: -0.006 min  
Response: 4557914  
Conc: 38.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.054 min  
Delta R.T.: -0.014 min  
Response: 4299104  
Conc: 35.42 ug/ml