

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE031224AL\  
 Data File : FE047182.D  
 Signal(s) : FID1B.ch  
 Acq On : 12 Mar 2024 17:20  
 Operator : YP\AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 13 04:06:38 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 031224.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 13 04:05:42 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)    | 11.981 | 15125572   | 90.186 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 180.37%      |
| 12) S 1-chlorooctadecane (S... | 13.411 | 11533439   | 91.198 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 182.40%      |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.369  | 14389582   | 91.405 ug/ml |
| 2) T n-Decane (C10)            | 4.619  | 14637155   | 90.998 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.320  | 15186889   | 92.495 ug/ml |
| 4) T n-Dodecane (C12)          | 6.783  | 14651326   | 90.586 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.417  | 14335740   | 91.226 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.610  | 14342619   | 89.978 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.217 | 14585221   | 89.688 ug/ml |
| 8) T n-Octadecane (C18)        | 11.661 | 14547841   | 89.715 ug/ml |
| 10) T n-Eicosane (C20)         | 12.968 | 13865834   | 89.834 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.578 | 13556928   | 90.277 ug/ml |
| 13) T n-Docosane (C22)         | 14.163 | 13394292   | 90.315 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.263 | 13109386   | 90.370 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.281 | 12548531   | 91.203 ug/ml |
| 16) T n-Octacosane (C28)       | 17.226 | 11947220   | 91.804 ug/ml |
| 17) T n-Tricontane (C30)       | 18.112 | 11632490   | 91.512 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.941 | 10968795   | 93.087 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.721 | 9782081    | 92.689 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.455 | 8582249    | 91.847 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.195 | 7371095    | 93.145 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.120 | 5908930    | 88.084 ug/ml |
| -----                          |        |            |              |

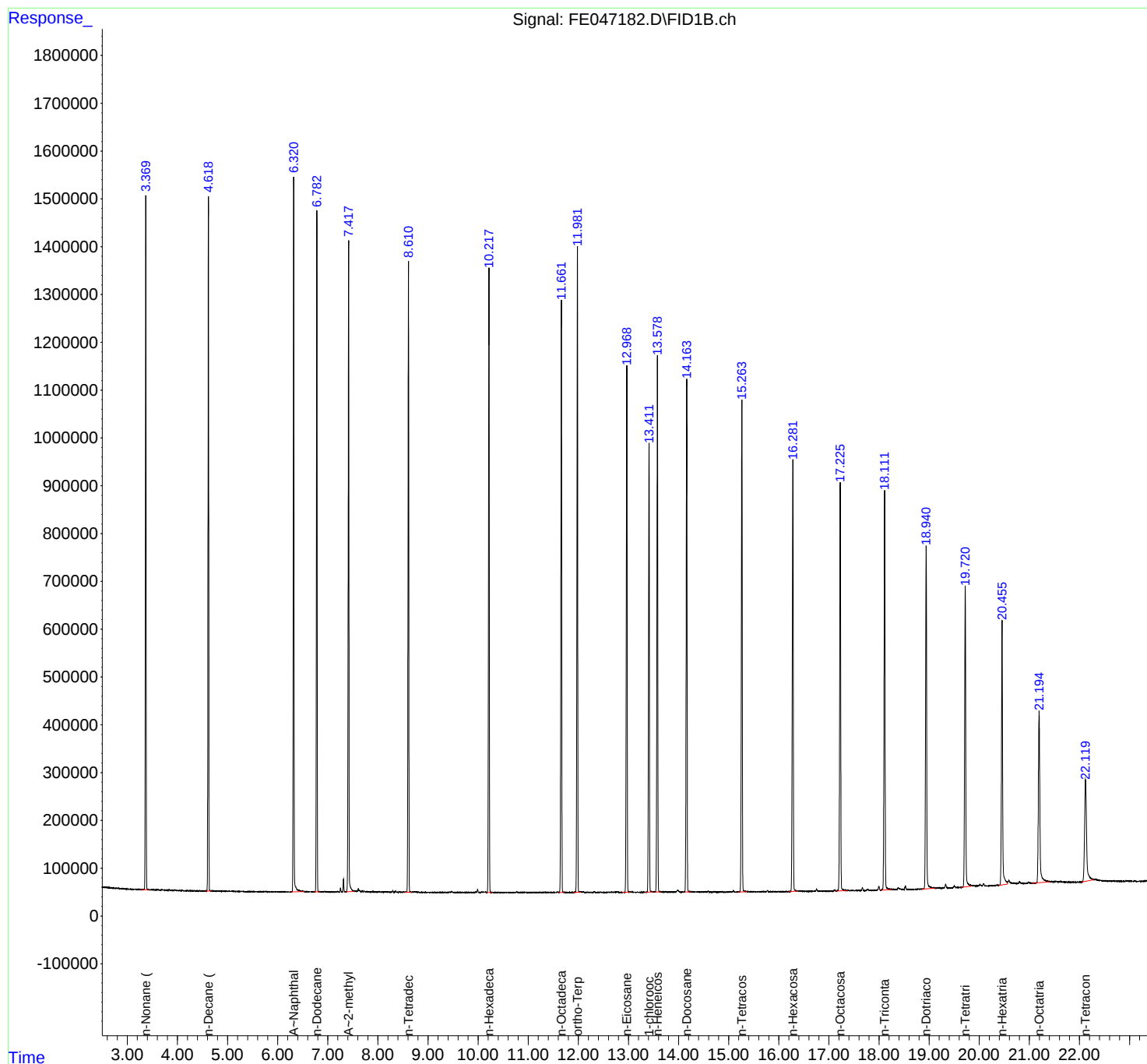
(f)=RT Delta > 1/2 Window

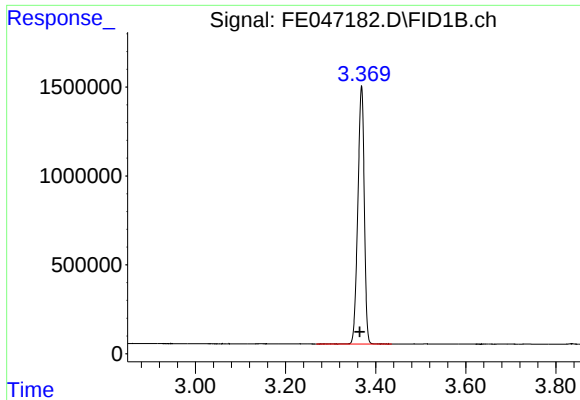
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE031224AL\  
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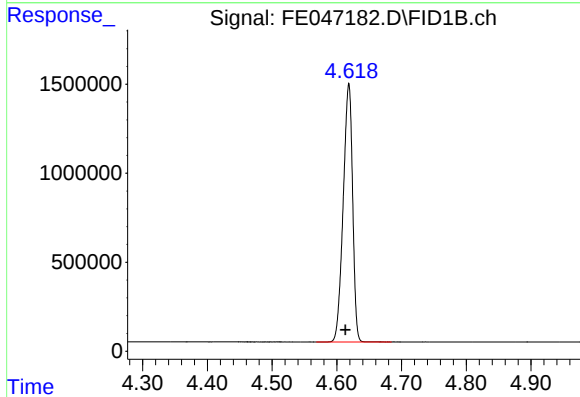
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





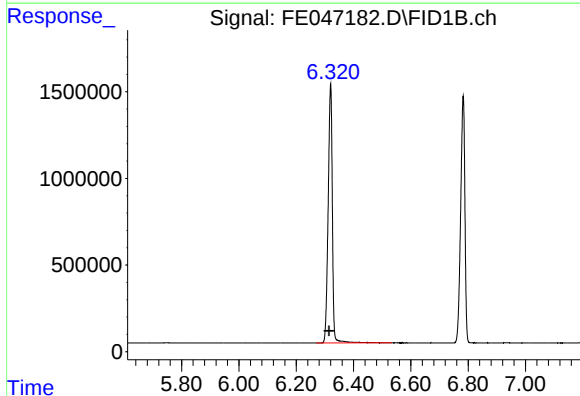
#1 n-Nonane (C9)

R.T.: 3.369 min  
Delta R.T.: 0.004 min  
Response: 14389582  
Conc: 91.40 ug/ml



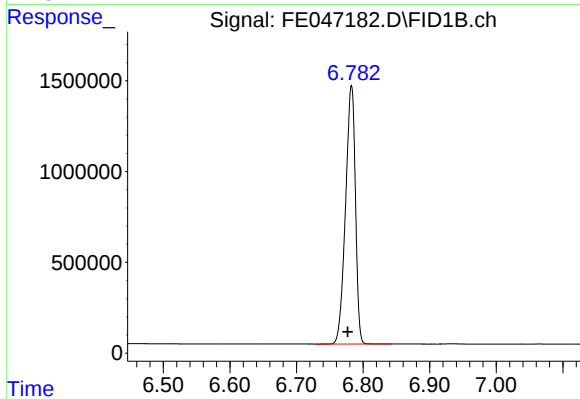
#2 n-Decane (C10)

R.T.: 4.619 min  
Delta R.T.: 0.005 min  
Response: 14637155  
Conc: 91.00 ug/ml



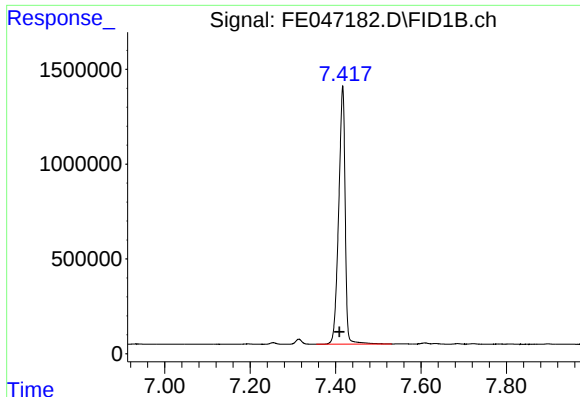
#3 A~Naphthalene (C11.7)

R.T.: 6.320 min  
Delta R.T.: 0.006 min  
Response: 15186889  
Conc: 92.50 ug/ml



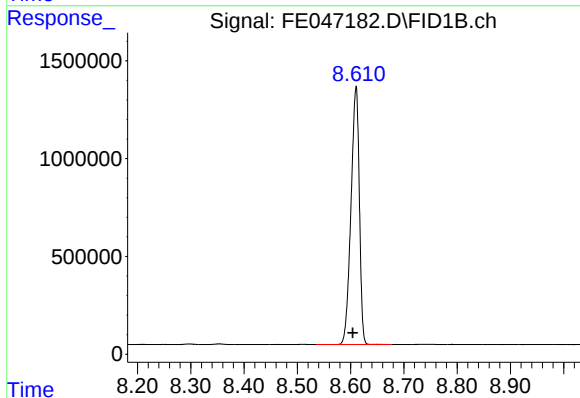
#4 n-Dodecane (C12)

R.T.: 6.783 min  
Delta R.T.: 0.006 min  
Response: 14651326  
Conc: 90.59 ug/ml



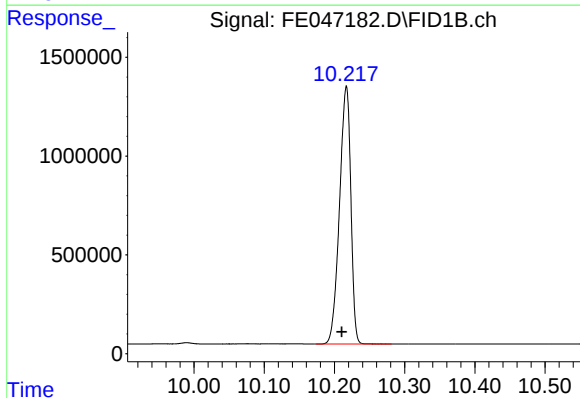
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.417 min  
Delta R.T.: 0.008 min  
Response: 14335740  
Conc: 91.23 ug/ml



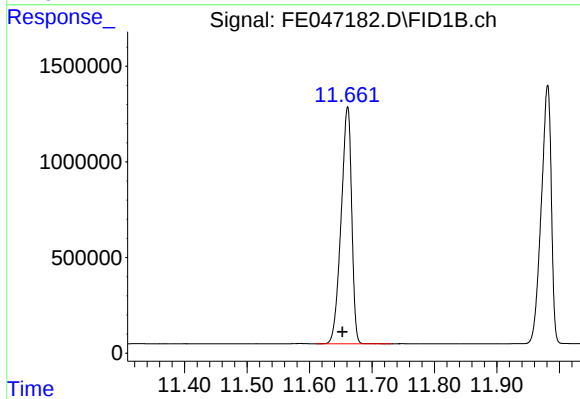
#6 n-Tetradecane (C14)

R.T.: 8.610 min  
Delta R.T.: 0.007 min  
Response: 14342619  
Conc: 89.98 ug/ml



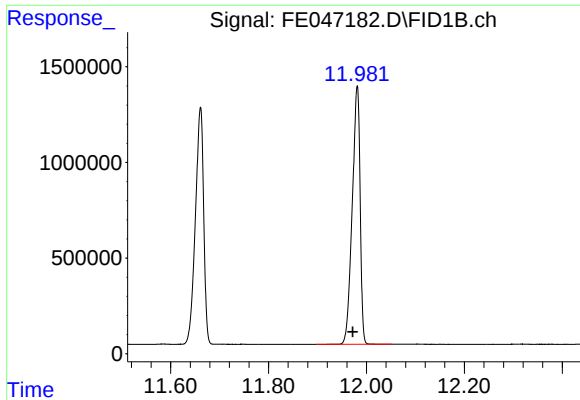
#7 n-Hexadecane (C16)

R.T.: 10.217 min  
Delta R.T.: 0.007 min  
Response: 14585221  
Conc: 89.69 ug/ml



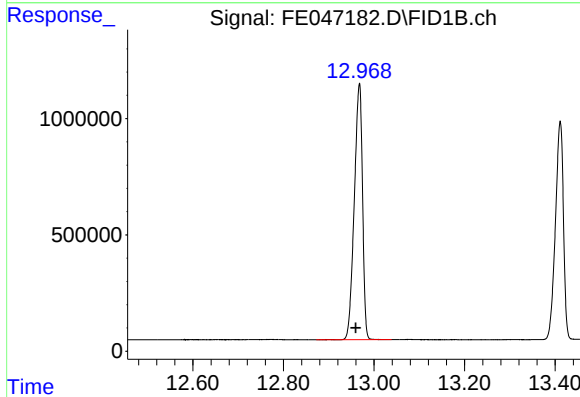
#8 n-Octadecane (C18)

R.T.: 11.661 min  
Delta R.T.: 0.009 min  
Response: 14547841  
Conc: 89.72 ug/ml



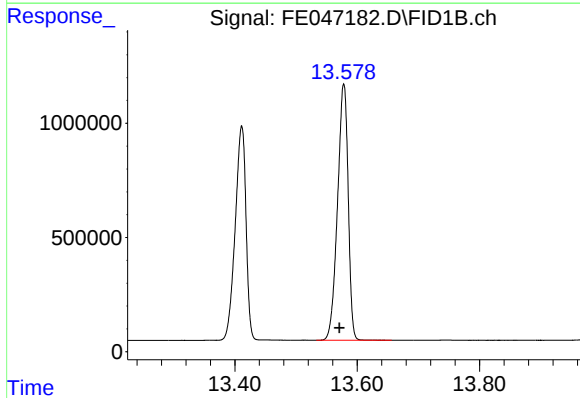
#9 ortho-Terphenyl (SURR)

R.T.: 11.981 min  
Delta R.T.: 0.009 min  
Response: 15125572  
Conc: 90.19 ug/ml



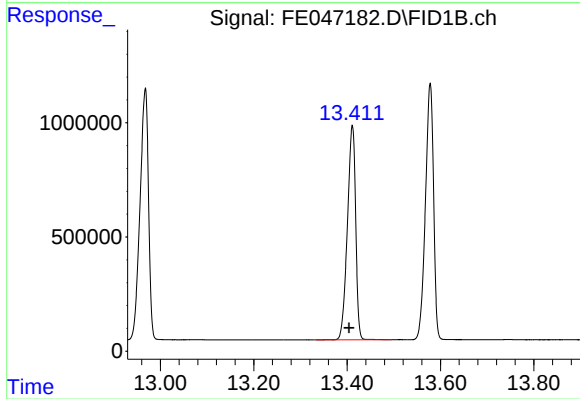
#10 n-Eicosane (C20)

R.T.: 12.968 min  
Delta R.T.: 0.008 min  
Response: 13865834  
Conc: 89.83 ug/ml



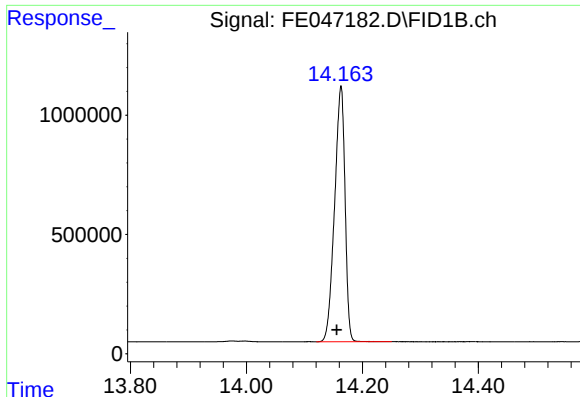
#11 n-Heneicosane (C21)

R.T.: 13.578 min  
Delta R.T.: 0.007 min  
Response: 13556928  
Conc: 90.28 ug/ml



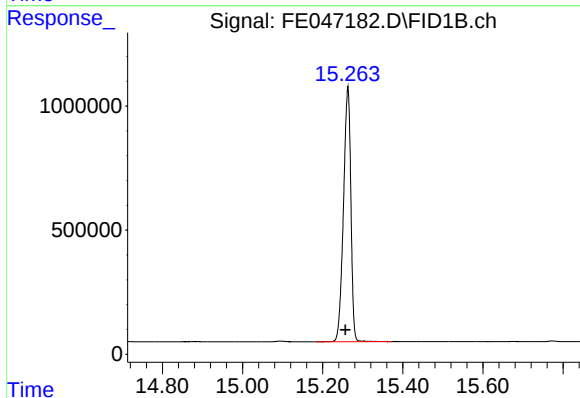
#12 1-chlorooctadecane (SURR)

R.T.: 13.411 min  
Delta R.T.: 0.007 min  
Response: 11533439  
Conc: 91.20 ug/ml



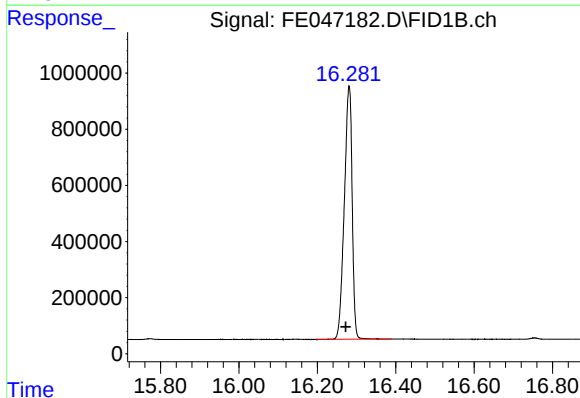
#13 n-Docosane (C22)

R.T.: 14.163 min  
Delta R.T.: 0.008 min  
Response: 13394292  
Conc: 90.31 ug/ml



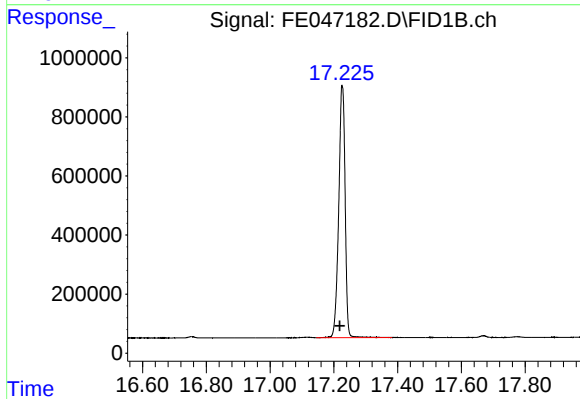
#14 n-Tetracosane (C24)

R.T.: 15.263 min  
Delta R.T.: 0.007 min  
Response: 13109386  
Conc: 90.37 ug/ml



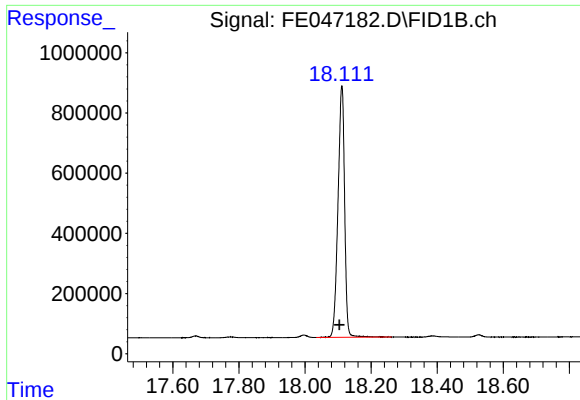
#15 n-Hexacosane (C26)

R.T.: 16.281 min  
Delta R.T.: 0.008 min  
Response: 12548531  
Conc: 91.20 ug/ml



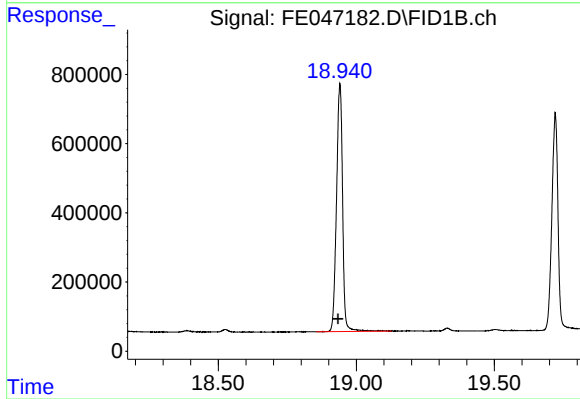
#16 n-Octacosane (C28)

R.T.: 17.226 min  
Delta R.T.: 0.008 min  
Response: 11947220  
Conc: 91.80 ug/ml



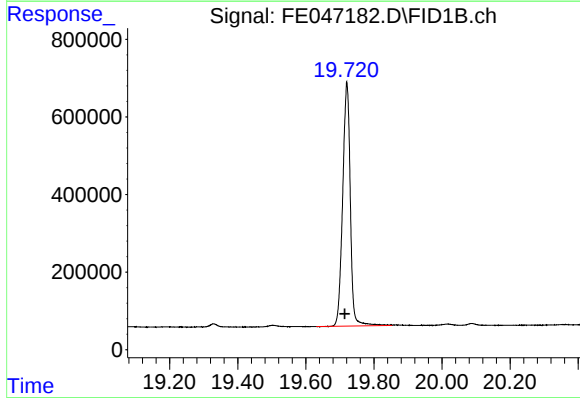
#17 n-Tricontane (C30)

R.T.: 18.112 min  
Delta R.T.: 0.008 min  
Response: 11632490  
Conc: 91.51 ug/ml



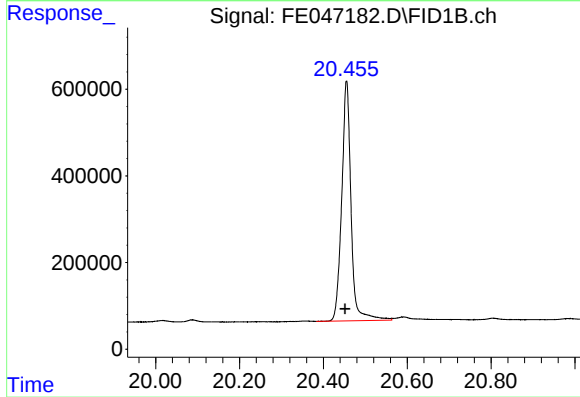
#18 n-Dotriacontane (C32)

R.T.: 18.941 min  
Delta R.T.: 0.007 min  
Response: 10968795  
Conc: 93.09 ug/ml



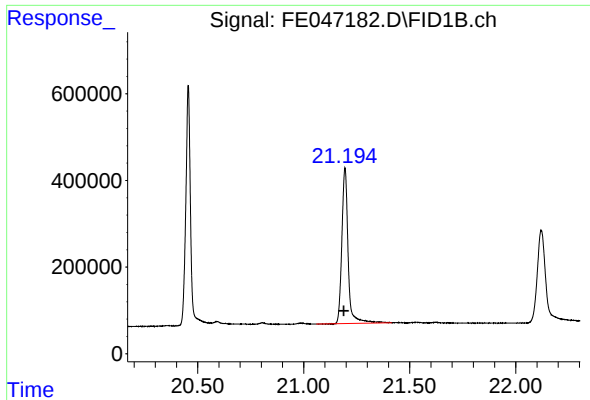
#19 n-Tetratriacontane (C34)

R.T.: 19.721 min  
Delta R.T.: 0.006 min  
Response: 9782081  
Conc: 92.69 ug/ml



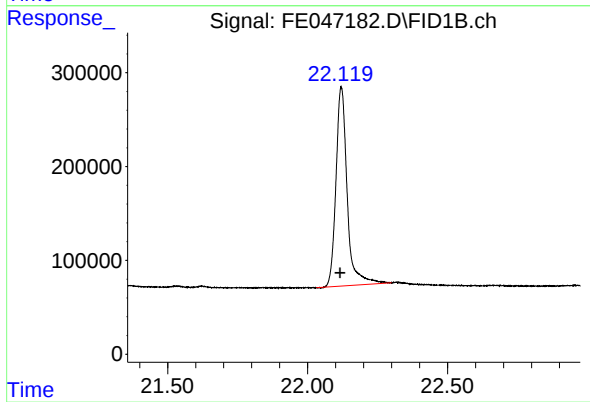
#20 n-Hexatriacontane (C36)

R.T.: 20.455 min  
Delta R.T.: 0.004 min  
Response: 8582249  
Conc: 91.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.195 min  
Delta R.T.: 0.006 min  
Response: 7371095  
Conc: 93.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.120 min  
Delta R.T.: 0.004 min  
Response: 5908930  
Conc: 88.08 ug/ml