

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032524AL\  
 Data File : FE047301.D  
 Signal(s) : FID1B.ch  
 Acq On : 25 Mar 2024 12:40  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Mar 25 13:40:19 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 032324.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Mar 23 01:31:33 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 | 3153119    | 20.135 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.27%       |
| 12) S 1-chlorooctadecane (S... | 13.414 | 2437392    | 20.097 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.19%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.366  | 2940458    | 20.135 ug/ml |
| 2) T n-Decane (C10)            | 4.618  | 3003892    | 20.151 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.324  | 3139341    | 20.235 ug/ml |
| 4) T n-Dodecane (C12)          | 6.783  | 3011901    | 20.139 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.419  | 3021250    | 20.188 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.611  | 2966082    | 20.110 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.217 | 3041477    | 20.094 ug/ml |
| 8) T n-Octadecane (C18)        | 11.660 | 3055888    | 20.114 ug/ml |
| 10) T n-Eicosane (C20)         | 12.969 | 2928869    | 20.131 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.580 | 2877459    | 20.133 ug/ml |
| 13) T n-Docosane (C22)         | 14.166 | 2869996    | 20.218 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.267 | 2883188    | 20.452 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.287 | 2856554    | 20.542 ug/ml |
| 16) T n-Octacosane (C28)       | 17.235 | 2838559    | 20.774 ug/ml |
| 17) T n-Tricontane (C30)       | 18.121 | 2896764    | 20.863 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.952 | 2858429    | 20.722 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.733 | 2789060    | 20.351 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.472 | 2808118    | 20.562 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.214 | 2856830    | 20.610 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.145 | 2892971    | 20.194 ug/ml |
| -----                          |        |            |              |

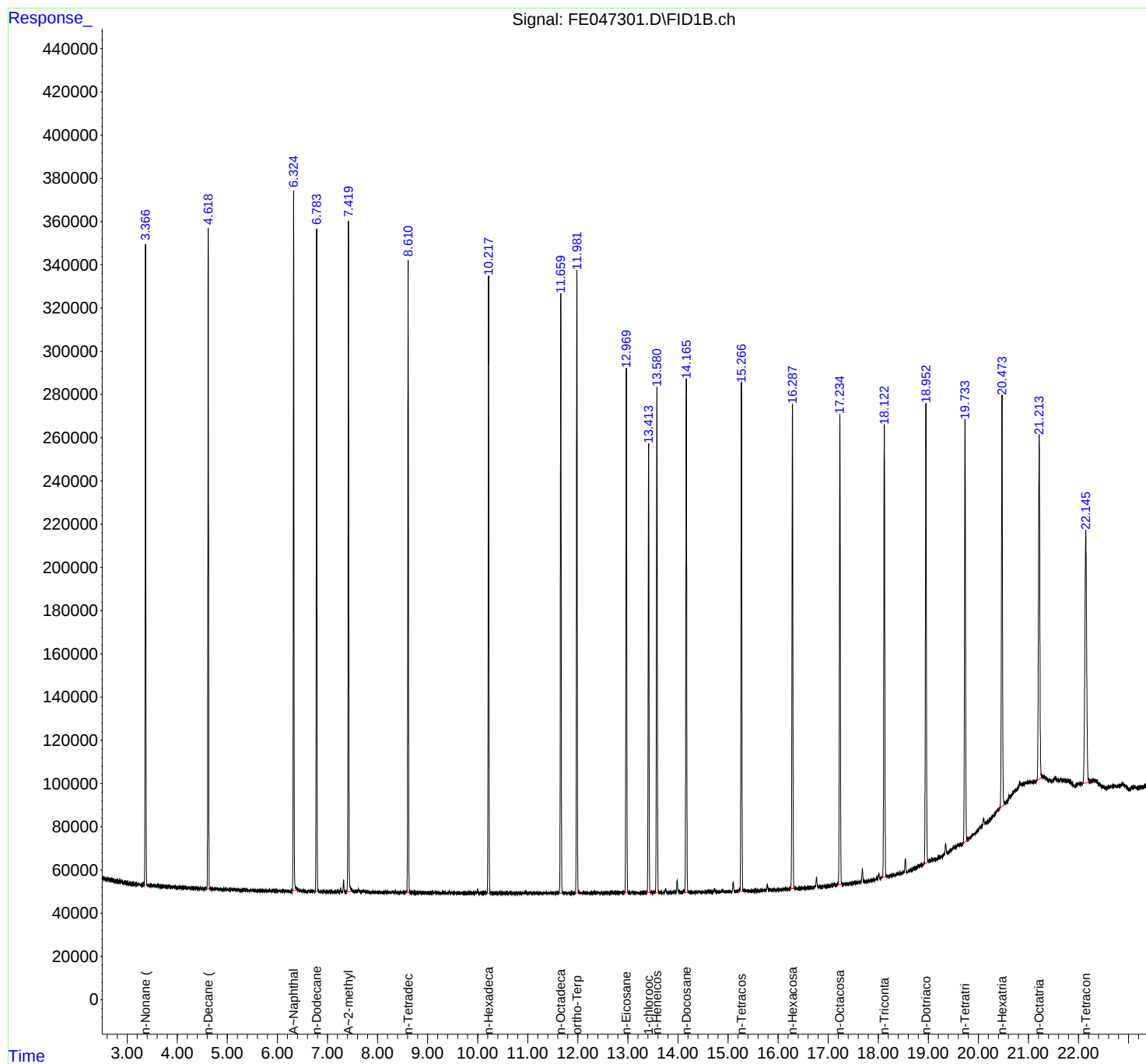
(f)=RT Delta > 1/2 Window

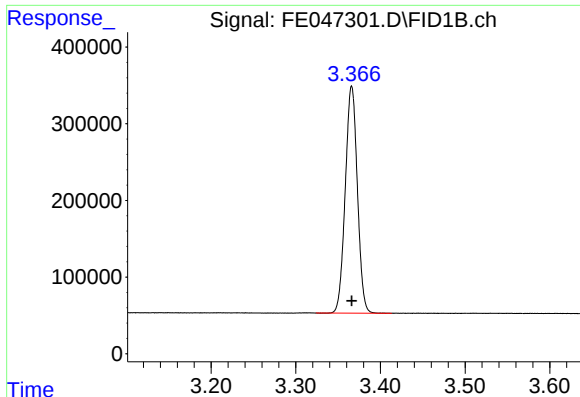
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032524AL\  
Data File : FE047301.D  
Signal(s) : FID1B.ch  
Acq On : 25 Mar 2024 12:40  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 032324.M  
Quant Title : GC Extractables  
QLast Update : Sat Mar 23 01:31:33 2024  
Response via : Initial Calibration  
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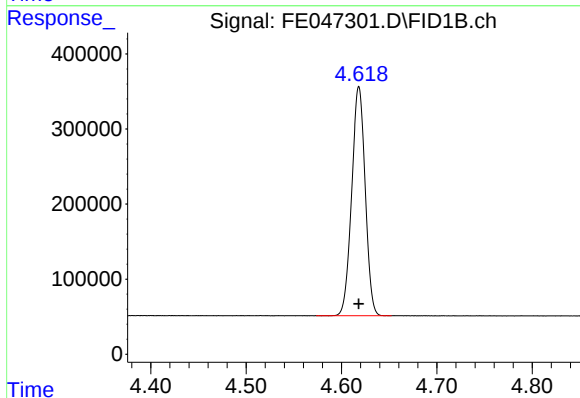
Volume Inj. : 1 uL  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





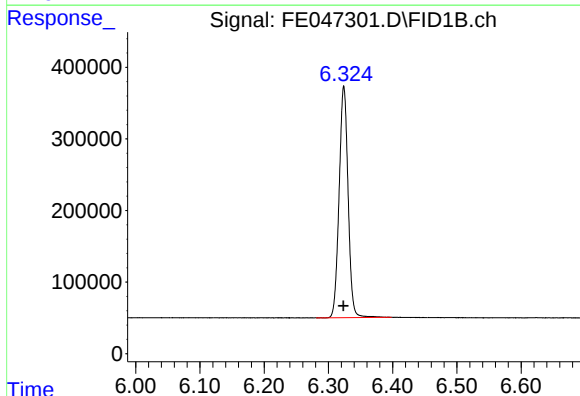
#1 n-Nonane (C9)

R.T.: 3.366 min  
Delta R.T.: 0.000 min  
Response: 2940458  
Conc: 20.14 ug/ml



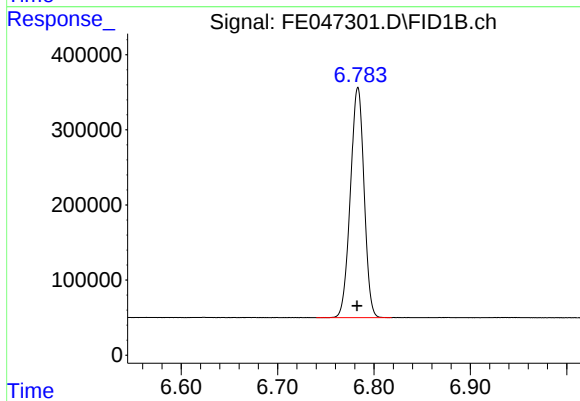
#2 n-Decane (C10)

R.T.: 4.618 min  
Delta R.T.: 0.000 min  
Response: 3003892  
Conc: 20.15 ug/ml



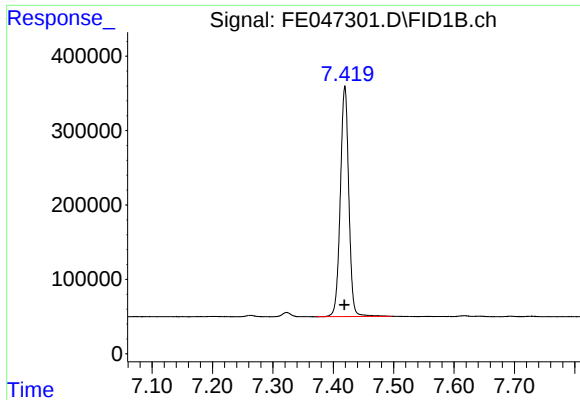
#3 A~Naphthalene (C11.7)

R.T.: 6.324 min  
Delta R.T.: 0.000 min  
Response: 3139341  
Conc: 20.24 ug/ml



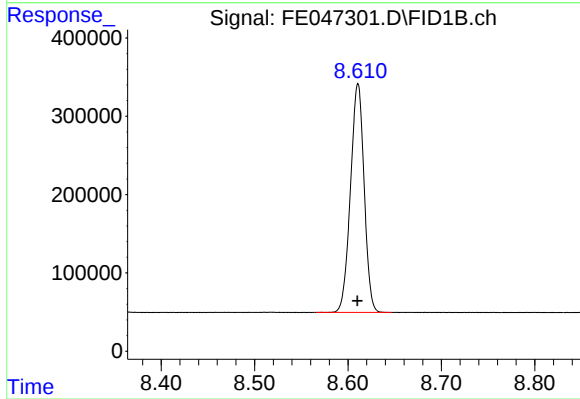
#4 n-Dodecane (C12)

R.T.: 6.783 min  
Delta R.T.: 0.001 min  
Response: 3011901  
Conc: 20.14 ug/ml



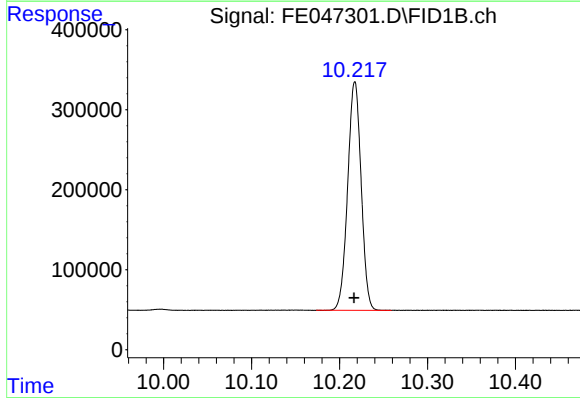
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.419 min  
Delta R.T.: 0.000 min  
Response: 3021250  
Conc: 20.19 ug/ml



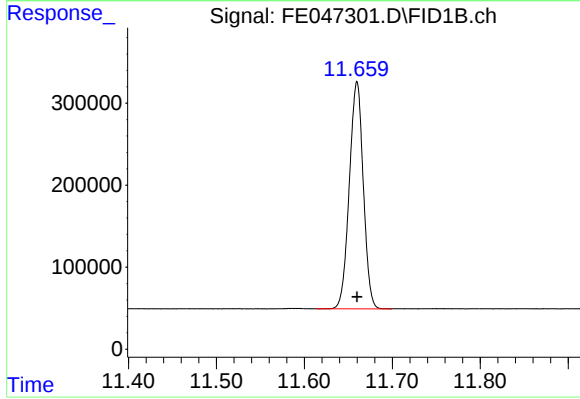
#6 n-Tetradecane (C14)

R.T.: 8.611 min  
Delta R.T.: 0.000 min  
Response: 2966082  
Conc: 20.11 ug/ml



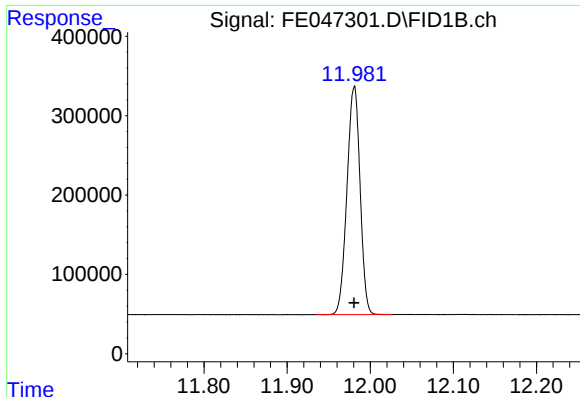
#7 n-Hexadecane (C16)

R.T.: 10.217 min  
Delta R.T.: 0.000 min  
Response: 3041477  
Conc: 20.09 ug/ml



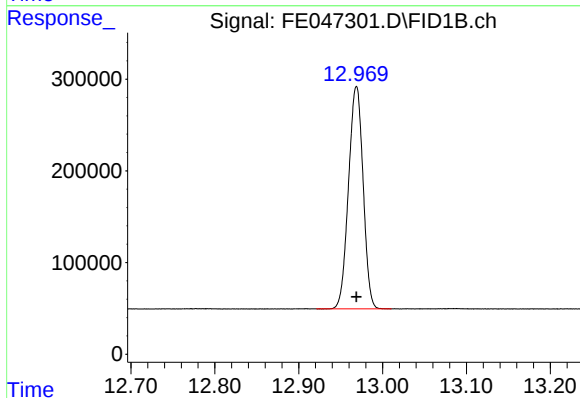
#8 n-Octadecane (C18)

R.T.: 11.660 min  
Delta R.T.: 0.000 min  
Response: 3055888  
Conc: 20.11 ug/ml



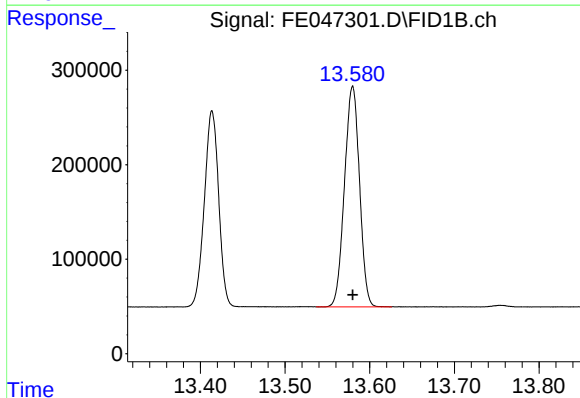
#9 ortho-Terphenyl (SURR)

R.T.: 11.981 min  
Delta R.T.: 0.000 min  
Response: 3153119  
Conc: 20.13 ug/ml



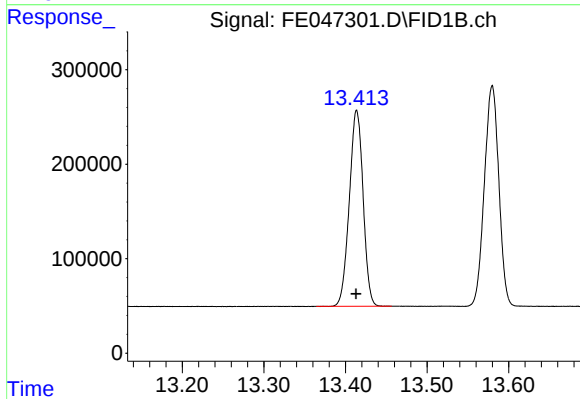
#10 n-Eicosane (C20)

R.T.: 12.969 min  
Delta R.T.: 0.000 min  
Response: 2928869  
Conc: 20.13 ug/ml



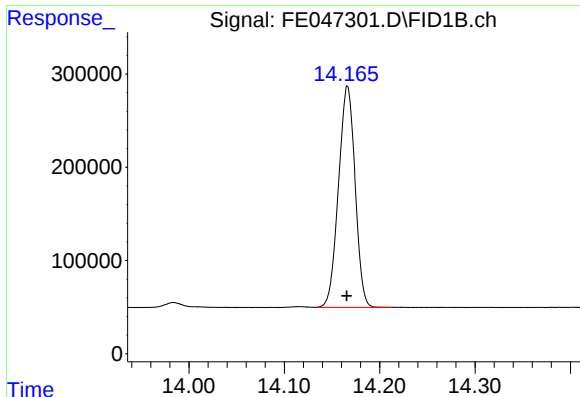
#11 n-Heneicosane (C21)

R.T.: 13.580 min  
Delta R.T.: 0.000 min  
Response: 2877459  
Conc: 20.13 ug/ml



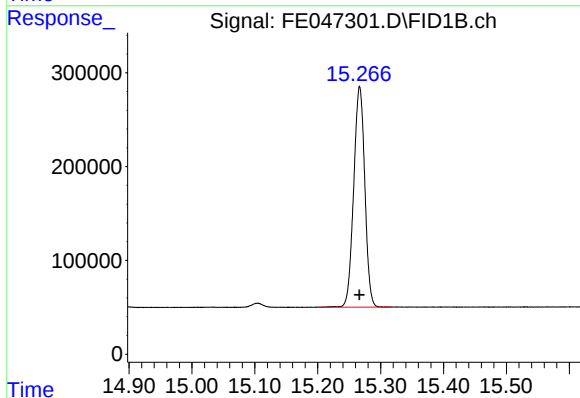
#12 1-chlorooctadecane (SURR)

R.T.: 13.414 min  
Delta R.T.: 0.000 min  
Response: 2437392  
Conc: 20.10 ug/ml



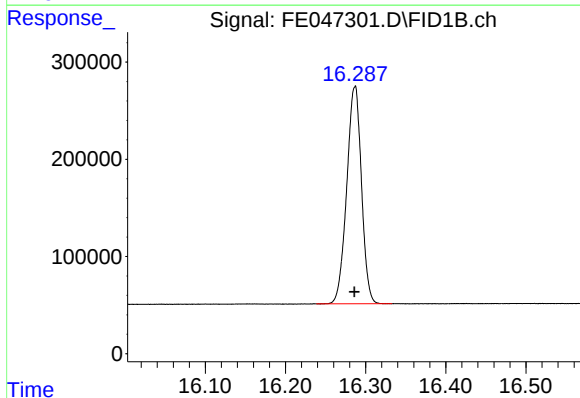
#13 n-Docosane (C22)

R.T.: 14.166 min  
Delta R.T.: 0.000 min  
Response: 2869996  
Conc: 20.22 ug/ml



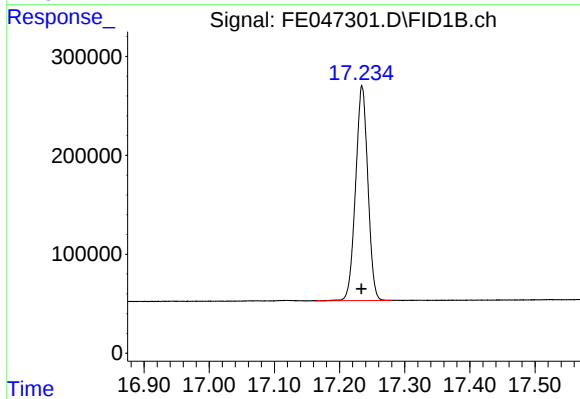
#14 n-Tetracosane (C24)

R.T.: 15.267 min  
Delta R.T.: 0.000 min  
Response: 2883188  
Conc: 20.45 ug/ml



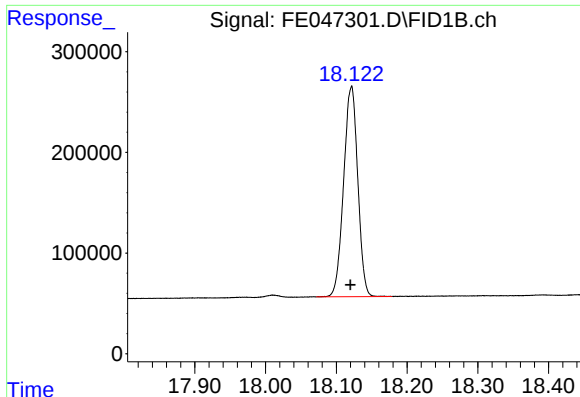
#15 n-Hexacosane (C26)

R.T.: 16.287 min  
Delta R.T.: 0.000 min  
Response: 2856554  
Conc: 20.54 ug/ml



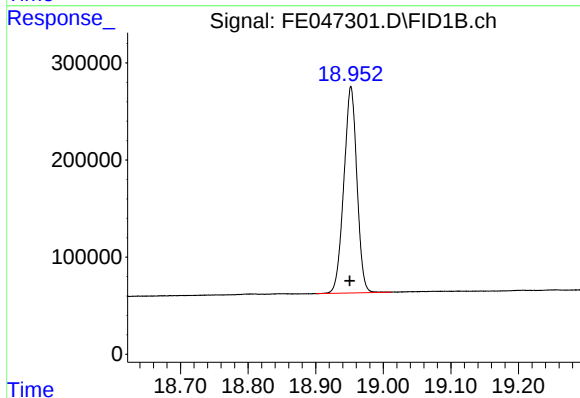
#16 n-Octacosane (C28)

R.T.: 17.235 min  
Delta R.T.: 0.000 min  
Response: 2838559  
Conc: 20.77 ug/ml



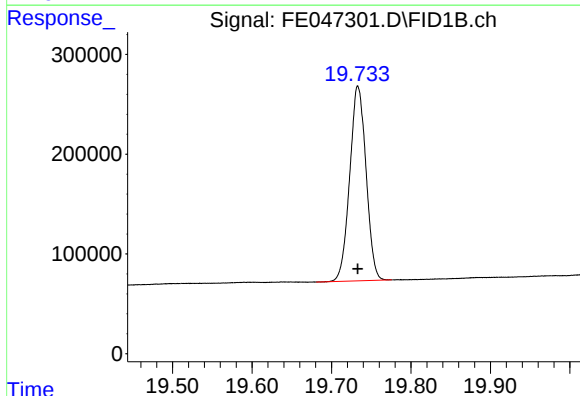
#17 n-Tricontane (C30)

R.T.: 18.121 min  
Delta R.T.: 0.002 min  
Response: 2896764  
Conc: 20.86 ug/ml



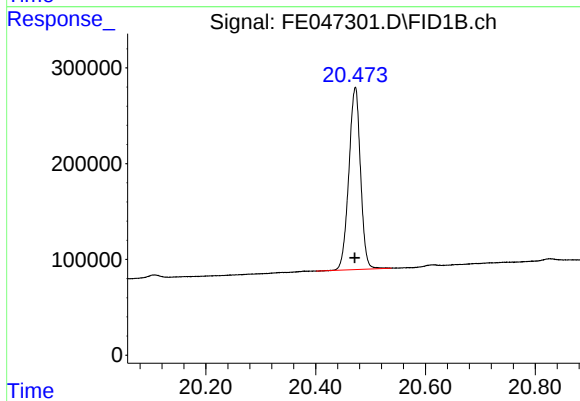
#18 n-Dotriacontane (C32)

R.T.: 18.952 min  
Delta R.T.: 0.002 min  
Response: 2858429  
Conc: 20.72 ug/ml



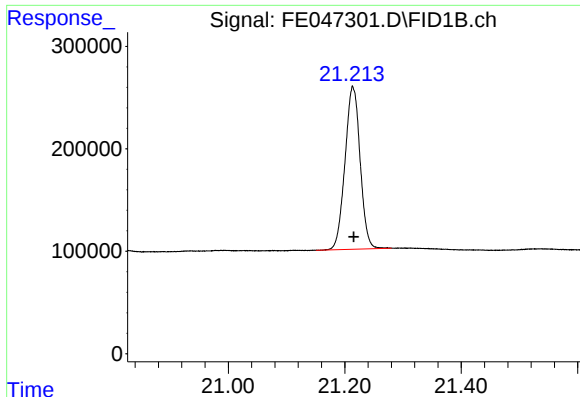
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min  
Delta R.T.: 0.000 min  
Response: 2789060  
Conc: 20.35 ug/ml



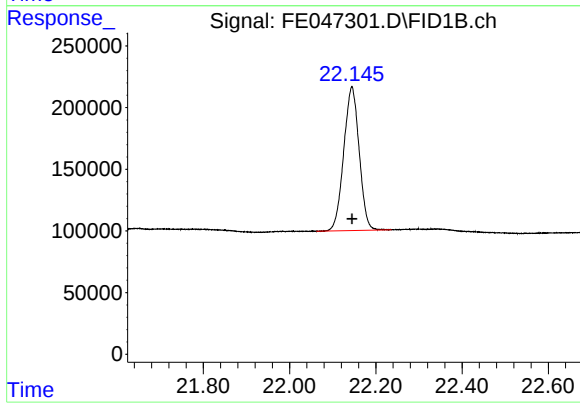
#20 n-Hexatriacontane (C36)

R.T.: 20.472 min  
Delta R.T.: 0.001 min  
Response: 2808118  
Conc: 20.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.214 min  
Delta R.T.: -0.002 min  
Response: 2856830  
Conc: 20.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.145 min  
Delta R.T.: 0.000 min  
Response: 2892971  
Conc: 20.19 ug/ml