

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032624AL\  
 Data File : FE047325.D  
 Signal(s) : FID1B.ch  
 Acq On : 26 Mar 2024 12:06  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 26 12:46:12 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)    | 11.985 | 2952588    | 18.854 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.71%       |
| 12) S 1-chlorooctadecane (S... | 13.418 | 2294612    | 18.920 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.84%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.368  | 2822510    | 19.328 ug/ml |
| 2) T n-Decane (C10)            | 4.620  | 2879976    | 19.320 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.327  | 2974104    | 19.170 ug/ml |
| 4) T n-Dodecane (C12)          | 6.784  | 2874762    | 19.222 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.422  | 2855802    | 19.083 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.612  | 2820797    | 19.125 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.219 | 2881132    | 19.035 ug/ml |
| 8) T n-Octadecane (C18)        | 11.663 | 2882635    | 18.973 ug/ml |
| 10) T n-Eicosane (C20)         | 12.971 | 2764120    | 18.998 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.584 | 2709499    | 18.958 ug/ml |
| 13) T n-Docosane (C22)         | 14.169 | 2717228    | 19.142 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.271 | 2763467    | 19.603 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.290 | 2758526    | 19.838 ug/ml |
| 16) T n-Octacosane (C28)       | 17.238 | 2757308    | 20.179 ug/ml |
| 17) T n-Tricontane (C30)       | 18.126 | 2845370    | 20.493 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.956 | 2822007    | 20.458 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.738 | 2724134    | 19.877 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.476 | 2705637    | 19.812 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.221 | 2738091    | 19.753 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.152 | 2715099    | 18.952 ug/ml |
| -----                          |        |            |              |

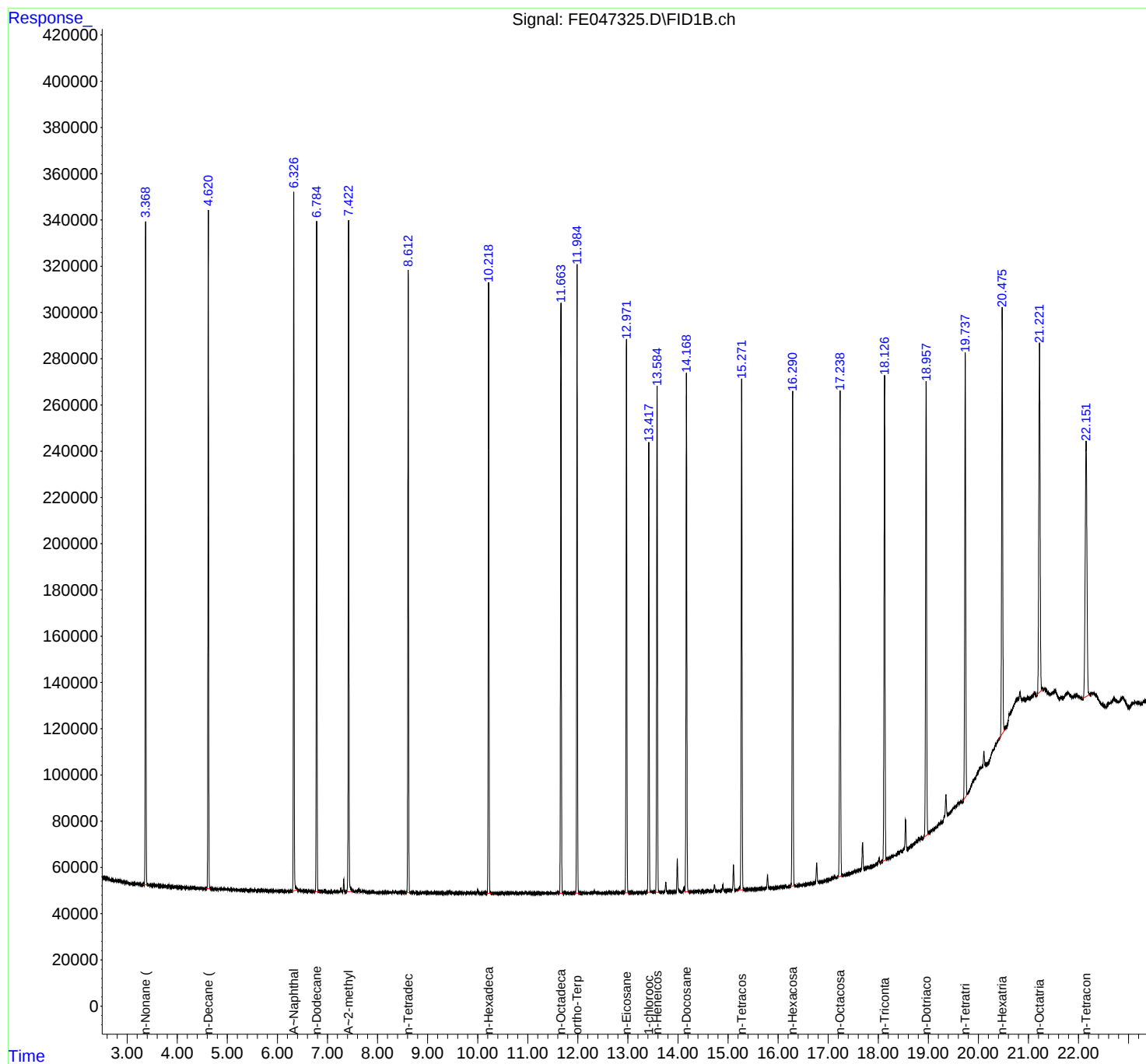
(f)=RT Delta > 1/2 Window

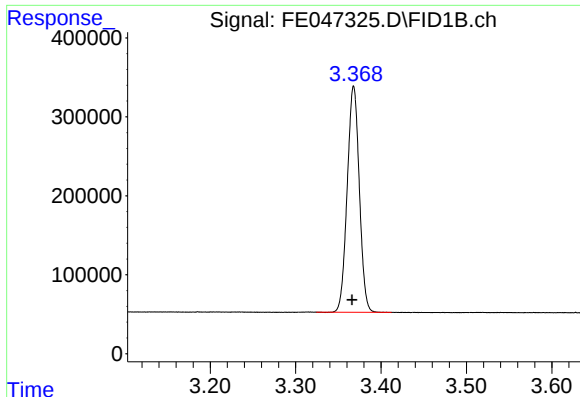
(m)=manual int.

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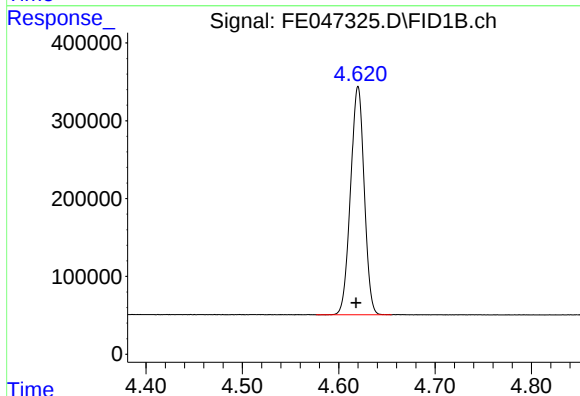
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





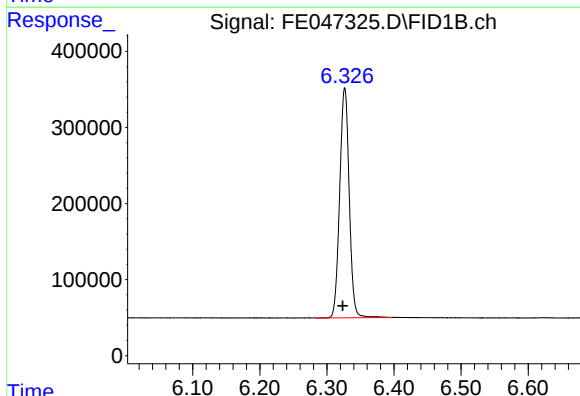
#1 n-Nonane (C9)

R.T.: 3.368 min  
Delta R.T.: 0.002 min  
Response: 2822510  
Conc: 19.33 ug/ml



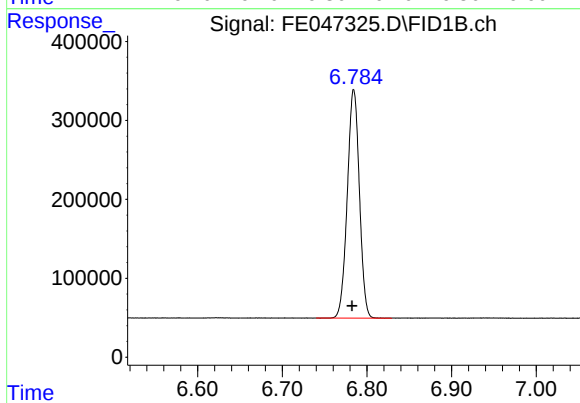
#2 n-Decane (C10)

R.T.: 4.620 min  
Delta R.T.: 0.002 min  
Response: 2879976  
Conc: 19.32 ug/ml



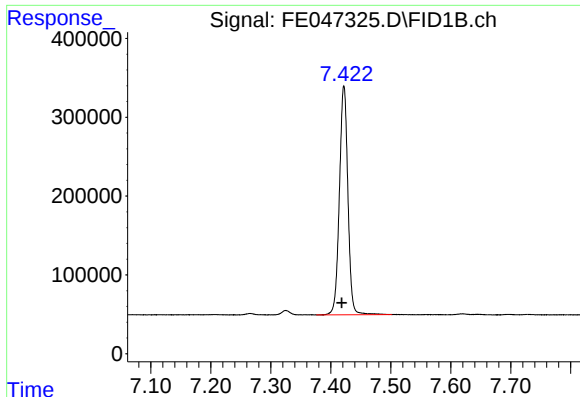
#3 A~Naphthalene (C11.7)

R.T.: 6.327 min  
Delta R.T.: 0.003 min  
Response: 2974104  
Conc: 19.17 ug/ml



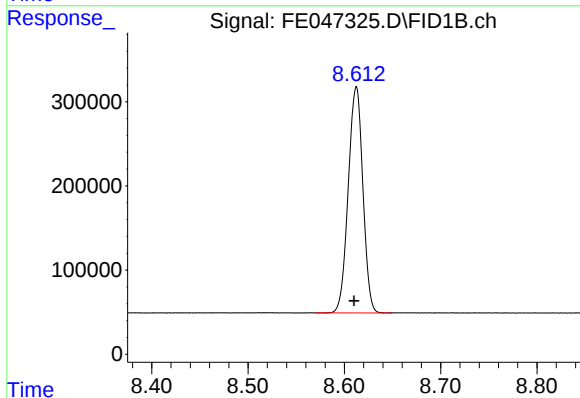
#4 n-Dodecane (C12)

R.T.: 6.784 min  
Delta R.T.: 0.002 min  
Response: 2874762  
Conc: 19.22 ug/ml



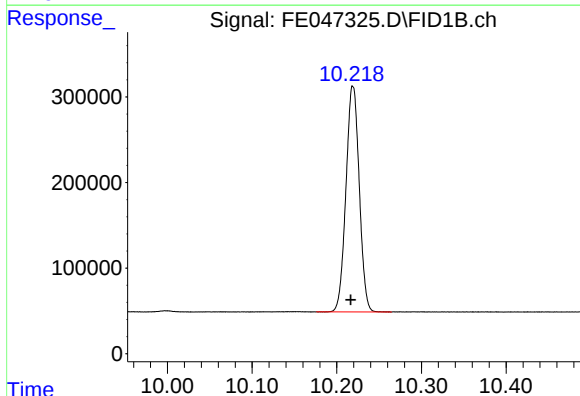
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.422 min  
Delta R.T.: 0.003 min  
Response: 2855802  
Conc: 19.08 ug/ml



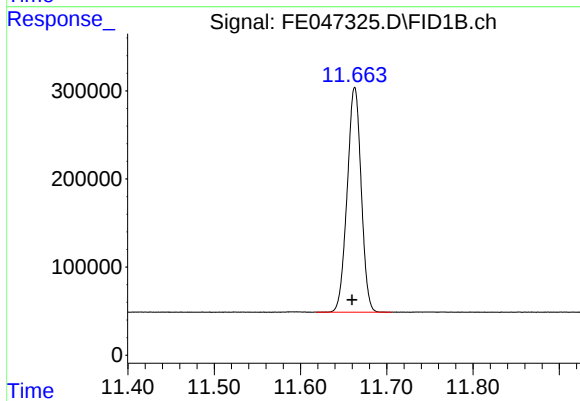
#6 n-Tetradecane (C14)

R.T.: 8.612 min  
Delta R.T.: 0.002 min  
Response: 2820797  
Conc: 19.12 ug/ml



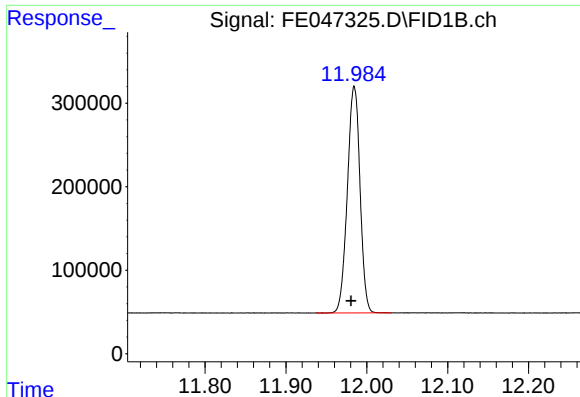
#7 n-Hexadecane (C16)

R.T.: 10.219 min  
Delta R.T.: 0.003 min  
Response: 2881132  
Conc: 19.04 ug/ml



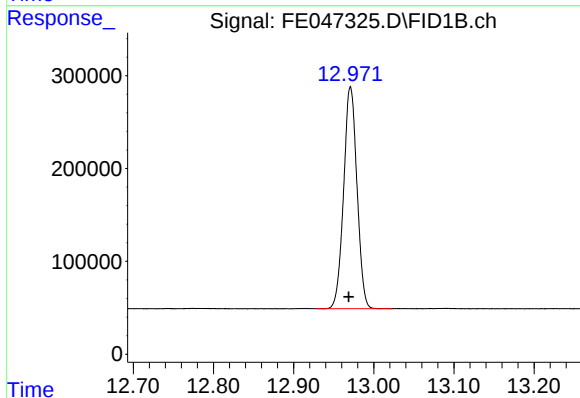
#8 n-Octadecane (C18)

R.T.: 11.663 min  
Delta R.T.: 0.003 min  
Response: 2882635  
Conc: 18.97 ug/ml



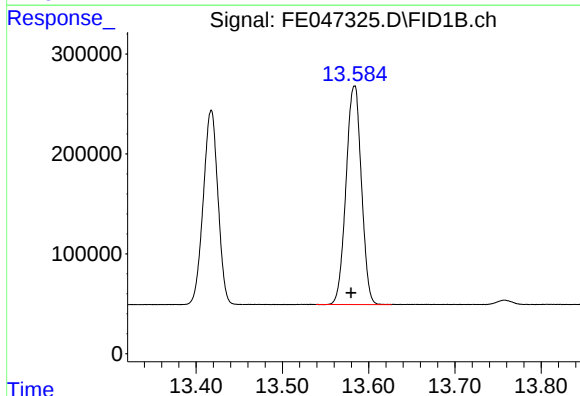
#9 ortho-Terphenyl (SURR)

R.T.: 11.985 min  
Delta R.T.: 0.004 min  
Response: 2952588  
Conc: 18.85 ug/ml



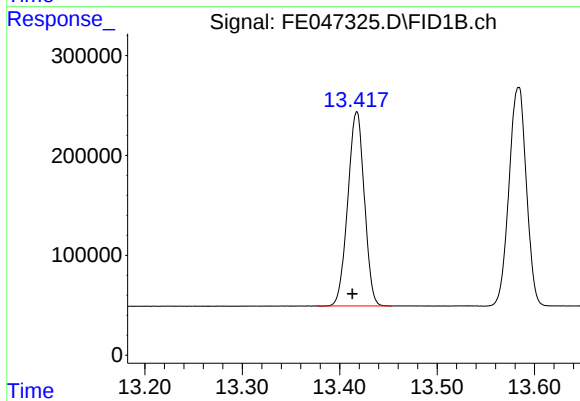
#10 n-Eicosane (C20)

R.T.: 12.971 min  
Delta R.T.: 0.002 min  
Response: 2764120  
Conc: 19.00 ug/ml



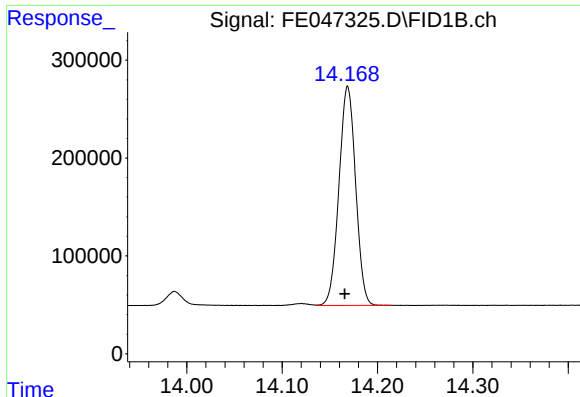
#11 n-Heneicosane (C21)

R.T.: 13.584 min  
Delta R.T.: 0.004 min  
Response: 2709499  
Conc: 18.96 ug/ml



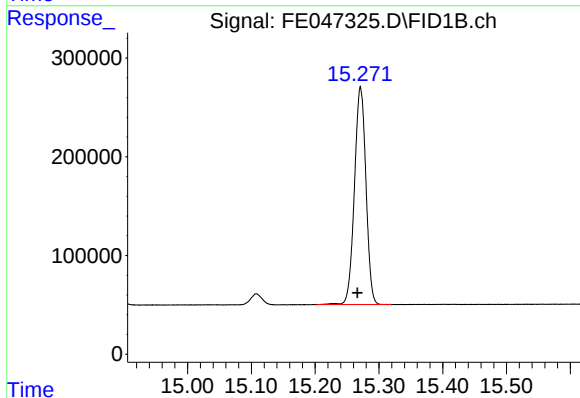
#12 1-chlorooctadecane (SURR)

R.T.: 13.418 min  
Delta R.T.: 0.005 min  
Response: 2294612  
Conc: 18.92 ug/ml



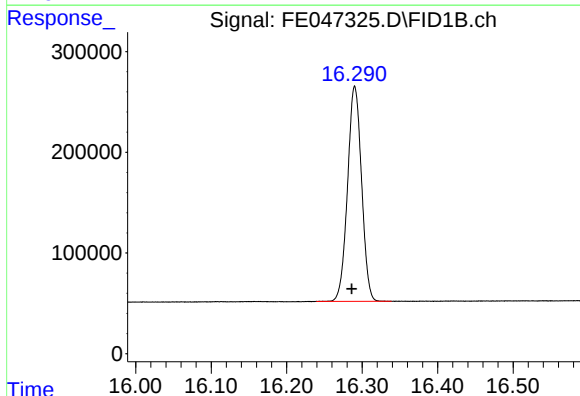
#13 n-Docosane (C22)

R.T.: 14.169 min  
Delta R.T.: 0.003 min  
Response: 2717228  
Conc: 19.14 ug/ml



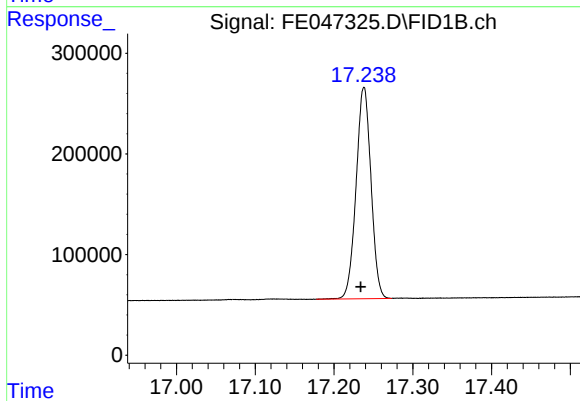
#14 n-Tetracosane (C24)

R.T.: 15.271 min  
Delta R.T.: 0.005 min  
Response: 2763467  
Conc: 19.60 ug/ml



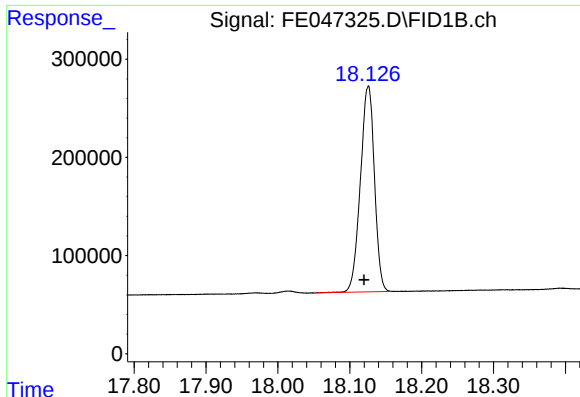
#15 n-Hexacosane (C26)

R.T.: 16.290 min  
Delta R.T.: 0.004 min  
Response: 2758526  
Conc: 19.84 ug/ml



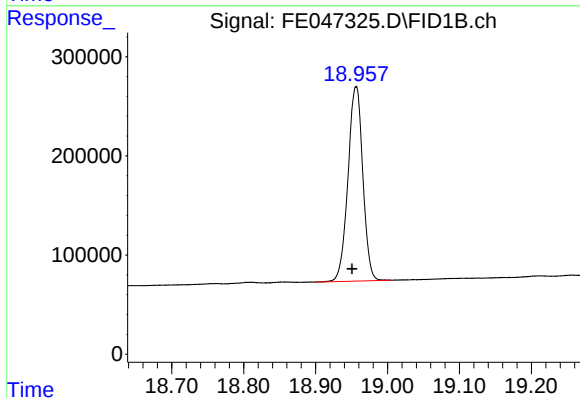
#16 n-Octacosane (C28)

R.T.: 17.238 min  
Delta R.T.: 0.004 min  
Response: 2757308  
Conc: 20.18 ug/ml



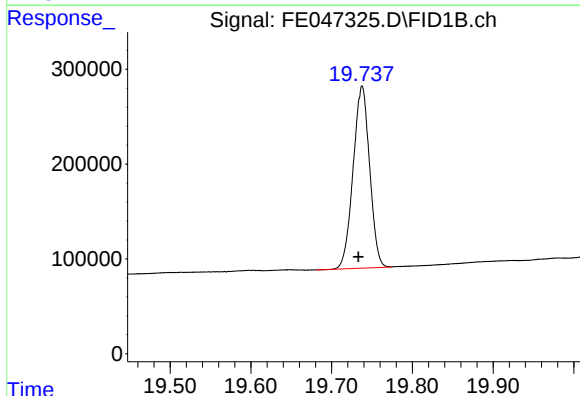
#17 n-Tricontane (C30)

R.T.: 18.126 min  
Delta R.T.: 0.006 min  
Response: 2845370  
Conc: 20.49 ug/ml



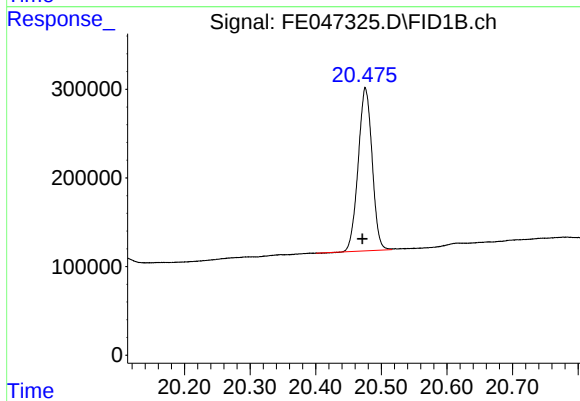
#18 n-Dotriacontane (C32)

R.T.: 18.956 min  
Delta R.T.: 0.006 min  
Response: 2822007  
Conc: 20.46 ug/ml



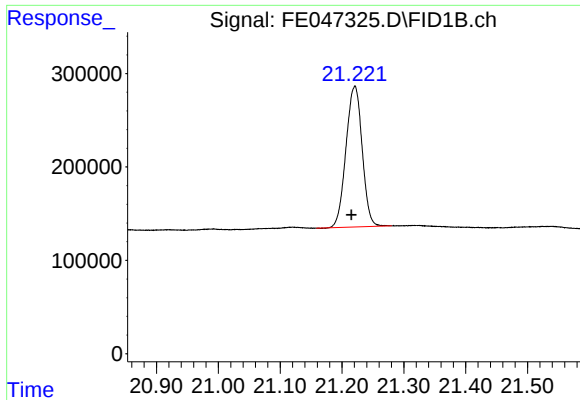
#19 n-Tetratriacontane (C34)

R.T.: 19.738 min  
Delta R.T.: 0.005 min  
Response: 2724134  
Conc: 19.88 ug/ml



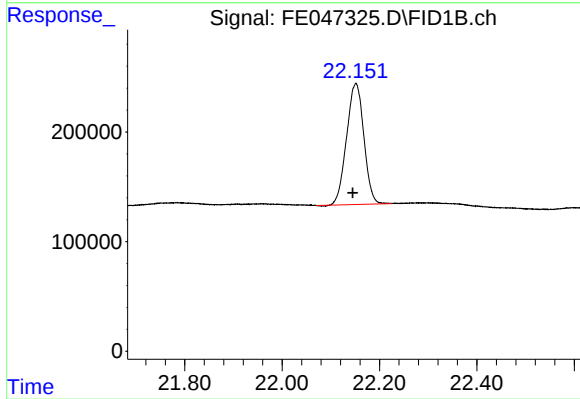
#20 n-Hexatriacontane (C36)

R.T.: 20.476 min  
Delta R.T.: 0.005 min  
Response: 2705637  
Conc: 19.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.221 min  
Delta R.T.: 0.005 min  
Response: 2738091  
Conc: 19.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.152 min  
Delta R.T.: 0.006 min  
Response: 2715099  
Conc: 18.95 ug/ml