

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD100522AL\  
 Data File : FD044042.D  
 Signal(s) : FID2B.ch  
 Acq On : 06 Oct 2022 00:24  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 06 01:46:22 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 100522.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 06 01:41:44 2022  
 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)    | 11.306 | 3192158    | 20.280 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.56%       |
| 12) S 1-chlorooctadecane (S... | 12.723 | 2545951    | 20.244 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.49%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.142  | 2721929    | 20.159 ug/ml |
| 2) T n-Decane (C10)            | 4.191  | 2761355    | 20.553 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.764  | 2719832    | 20.356 ug/ml |
| 4) T n-Dodecane (C12)          | 6.187  | 2837843    | 20.423 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.811  | 2622816    | 20.171 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.966  | 2829118    | 20.321 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.553  | 2865562    | 20.316 ug/ml |
| 8) T n-Octadecane (C18)        | 10.983 | 2925144    | 20.117 ug/ml |
| 10) T n-Eicosane (C20)         | 12.281 | 2990693    | 20.168 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.887 | 3025530    | 20.166 ug/ml |
| 13) T n-Docosane (C22)         | 13.468 | 3045503    | 20.257 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.560 | 3056321    | 20.249 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.570 | 3069668    | 20.274 ug/ml |
| 16) T n-Octacosane (C28)       | 16.510 | 3053998    | 20.271 ug/ml |
| 17) T n-Tricontane (C30)       | 17.389 | 3100562    | 20.229 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.211 | 3111980    | 20.292 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.986 | 3003727    | 20.403 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.716 | 2988105    | 20.380 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.409 | 2872622    | 20.591 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.167 | 2673972    | 20.560 ug/ml |
| -----                          |        |            |              |

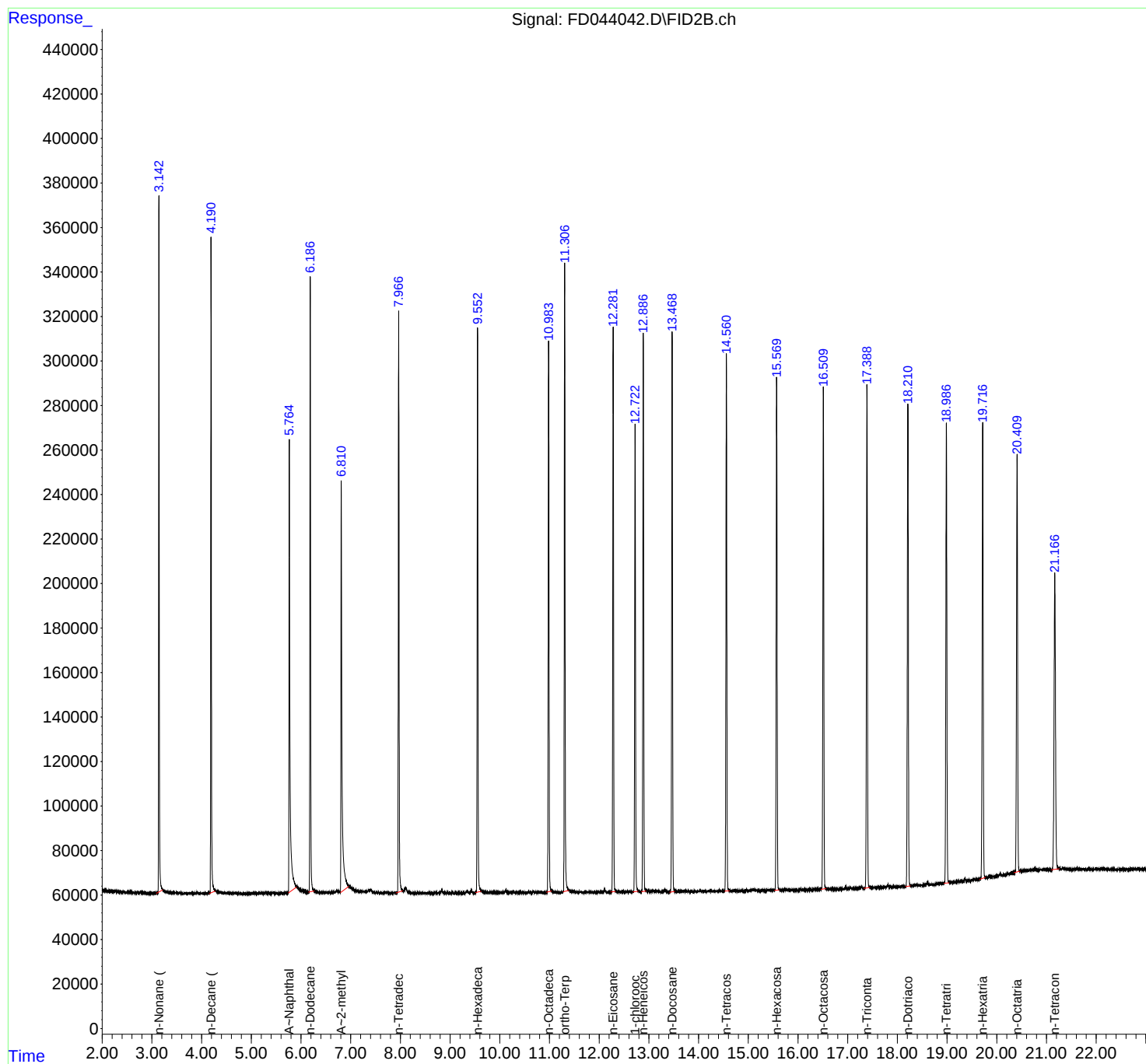
(f)=RT Delta > 1/2 Window

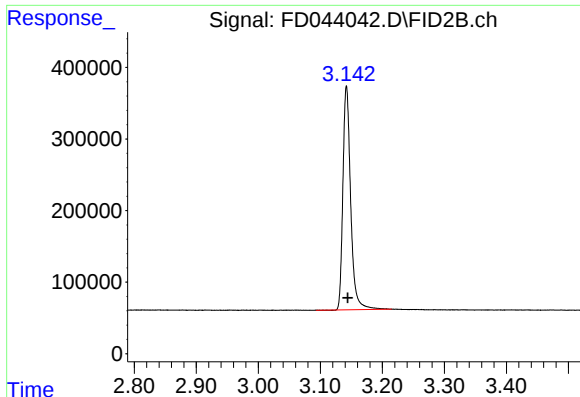
(m)=manual int.

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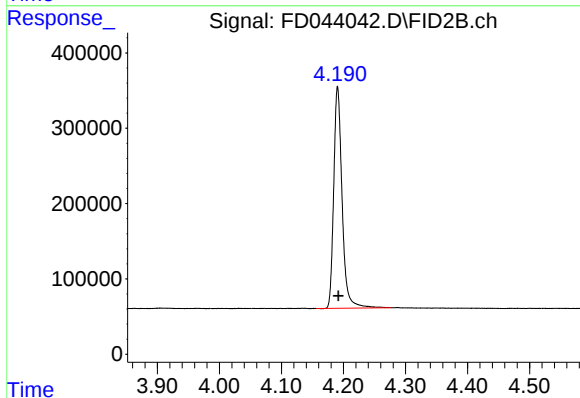
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





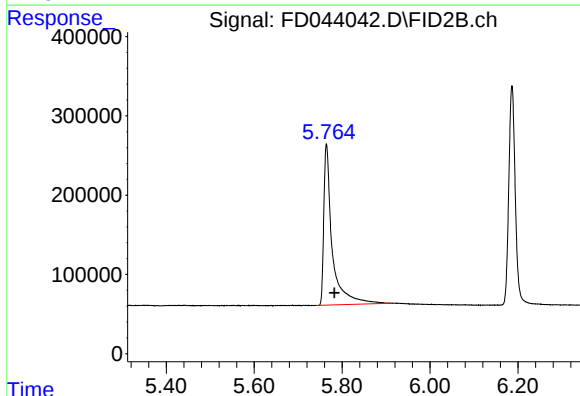
#1 n-Nonane (C9)

R.T.: 3.142 min  
Delta R.T.: -0.002 min  
Response: 2721929  
Conc: 20.16 ug/ml



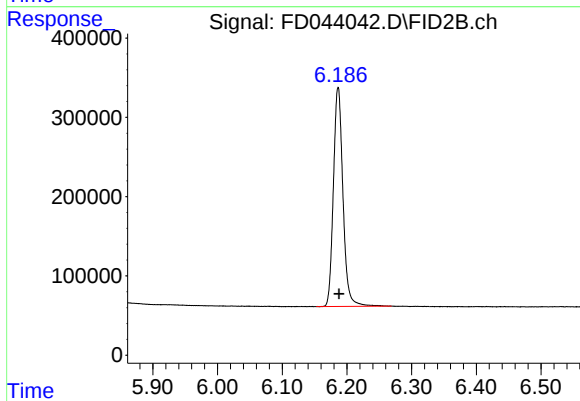
#2 n-Decane (C10)

R.T.: 4.191 min  
Delta R.T.: -0.002 min  
Response: 2761355  
Conc: 20.55 ug/ml



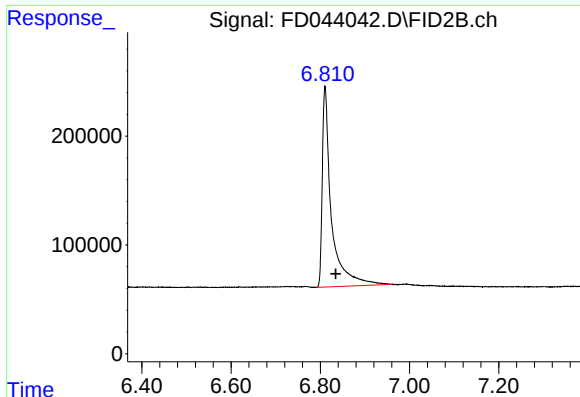
#3 A~Naphthalene (C11.7)

R.T.: 5.764 min  
Delta R.T.: -0.018 min  
Response: 2719832  
Conc: 20.36 ug/ml



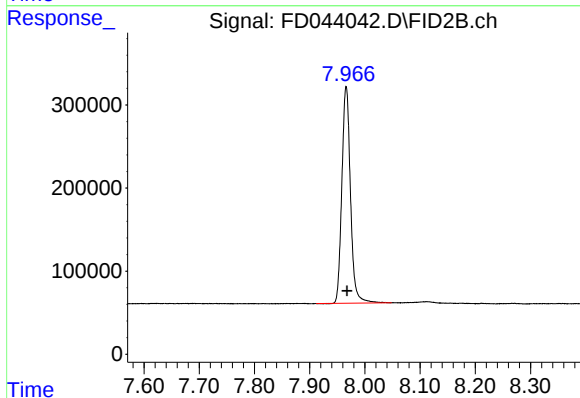
#4 n-Dodecane (C12)

R.T.: 6.187 min  
Delta R.T.: -0.001 min  
Response: 2837843  
Conc: 20.42 ug/ml



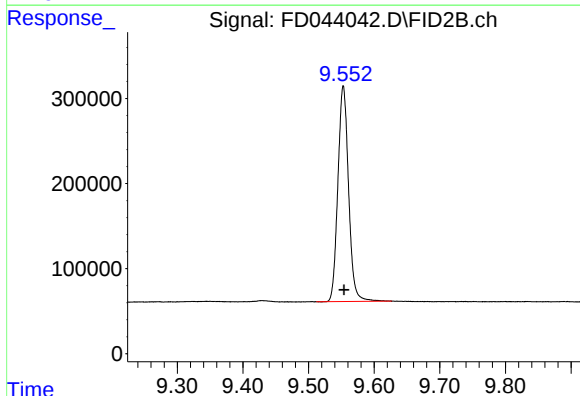
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.811 min  
Delta R.T.: -0.024 min  
Response: 2622816  
Conc: 20.17 ug/ml



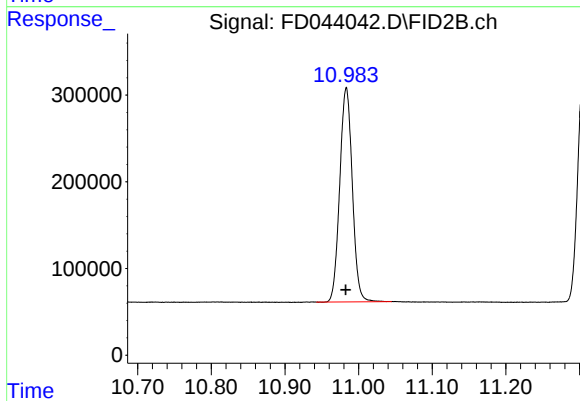
#6 n-Tetradecane (C14)

R.T.: 7.966 min  
Delta R.T.: -0.001 min  
Response: 2829118  
Conc: 20.32 ug/ml



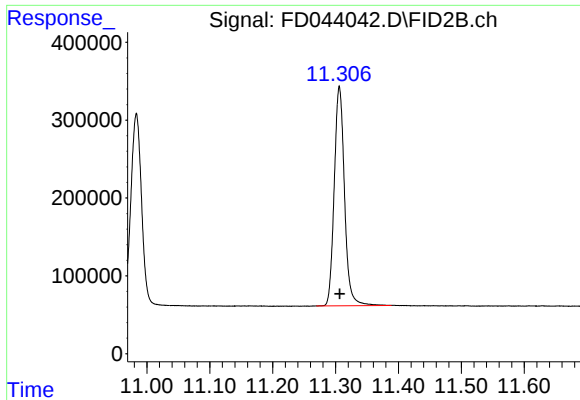
#7 n-Hexadecane (C16)

R.T.: 9.553 min  
Delta R.T.: -0.001 min  
Response: 2865562  
Conc: 20.32 ug/ml



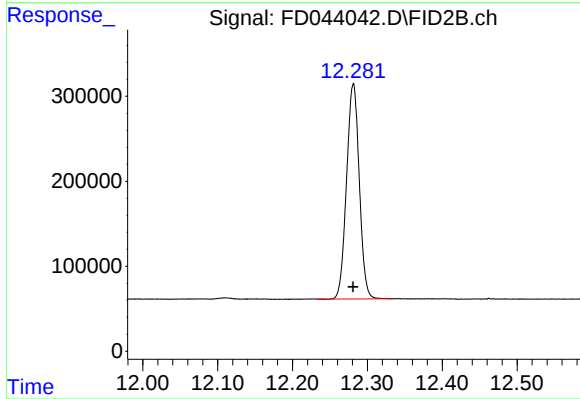
#8 n-Octadecane (C18)

R.T.: 10.983 min  
Delta R.T.: 0.000 min  
Response: 2925144  
Conc: 20.12 ug/ml



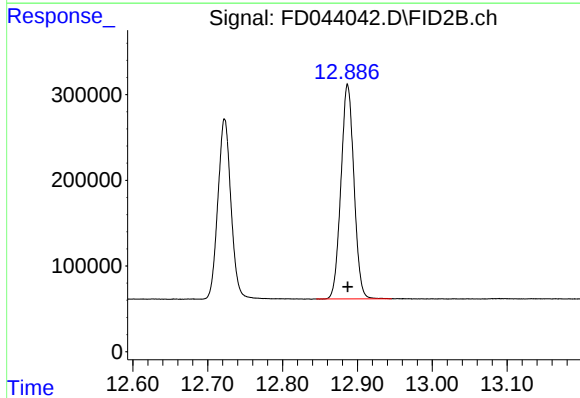
#9 ortho-Terphenyl (SURR)

R.T.: 11.306 min  
Delta R.T.: 0.000 min  
Response: 3192158  
Conc: 20.28 ug/ml



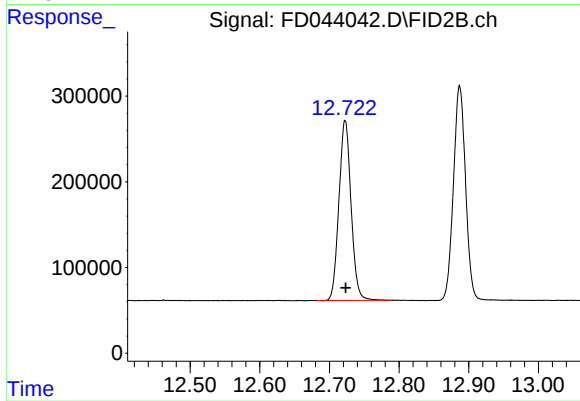
#10 n-Eicosane (C20)

R.T.: 12.281 min  
Delta R.T.: 0.000 min  
Response: 2990693  
Conc: 20.17 ug/ml



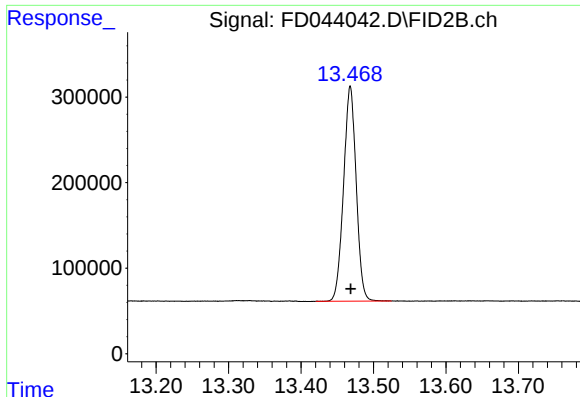
#11 n-Heneicosane (C21)

R.T.: 12.887 min  
Delta R.T.: 0.000 min  
Response: 3025530  
Conc: 20.17 ug/ml



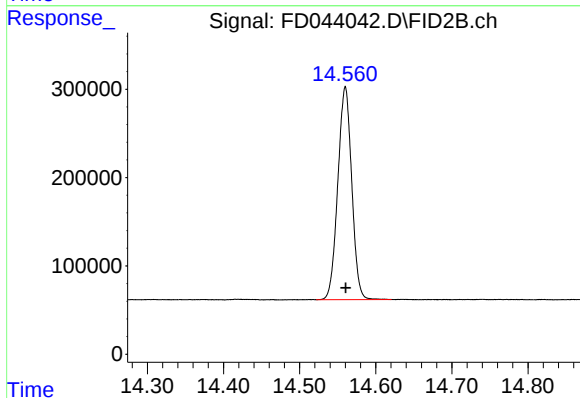
#12 1-chlorooctadecane (SURR)

R.T.: 12.723 min  
Delta R.T.: -0.001 min  
Response: 2545951  
Conc: 20.24 ug/ml



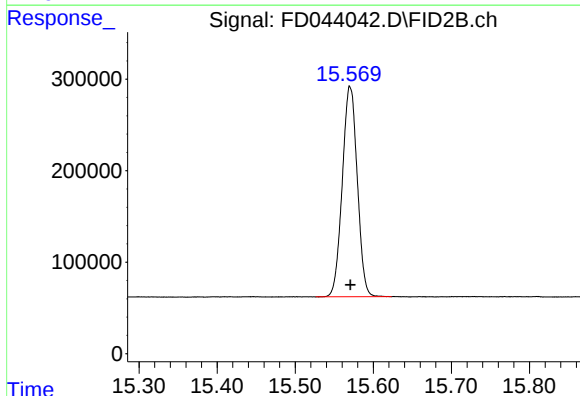
#13 n-Docosane (C22)

R.T.: 13.468 min  
Delta R.T.: 0.000 min  
Response: 3045503  
Conc: 20.26 ug/ml



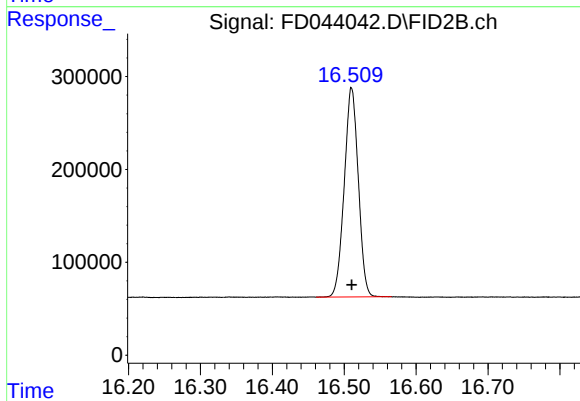
#14 n-Tetracosane (C24)

R.T.: 14.560 min  
Delta R.T.: 0.000 min  
Response: 3056321  
Conc: 20.25 ug/ml



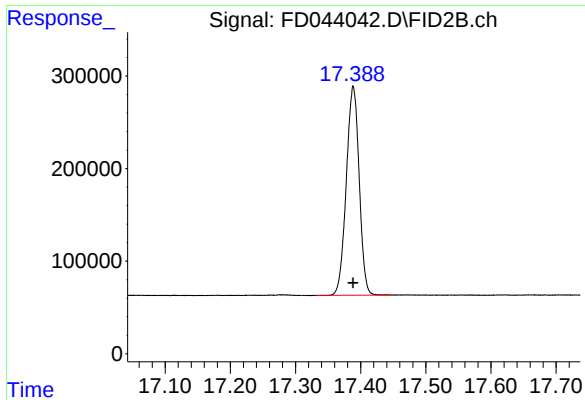
#15 n-Hexacosane (C26)

R.T.: 15.570 min  
Delta R.T.: 0.000 min  
Response: 3069668  
Conc: 20.27 ug/ml



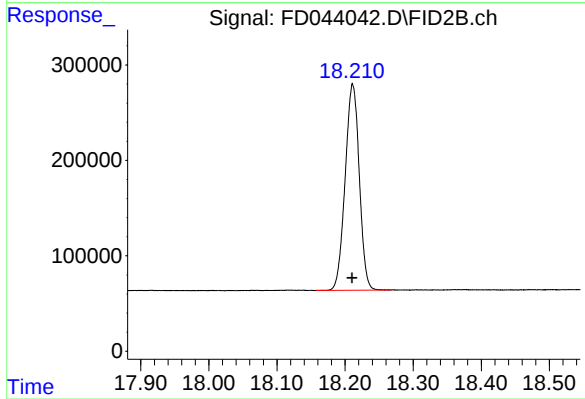
#16 n-Octacosane (C28)

R.T.: 16.510 min  
Delta R.T.: 0.000 min  
Response: 3053998  
Conc: 20.27 ug/ml



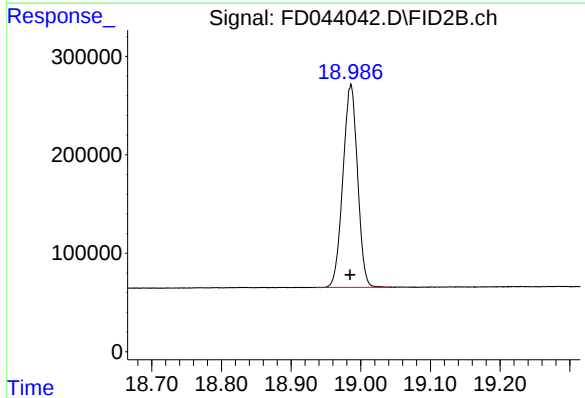
#17 n-Tricontane (C30)

R.T.: 17.389 min  
Delta R.T.: 0.000 min  
Response: 3100562  
Conc: 20.23 ug/ml



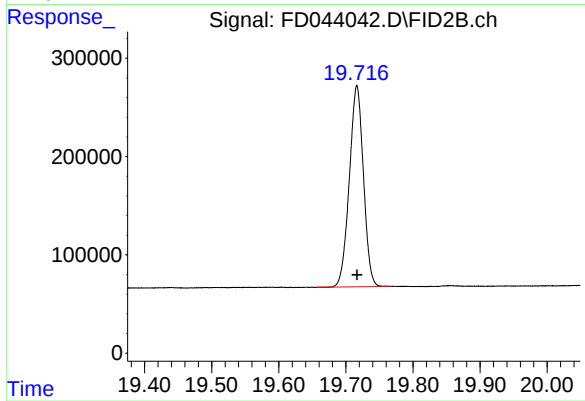
#18 n-Dotriacontane (C32)

R.T.: 18.211 min  
Delta R.T.: 0.000 min  
Response: 3111980  
Conc: 20.29 ug/ml



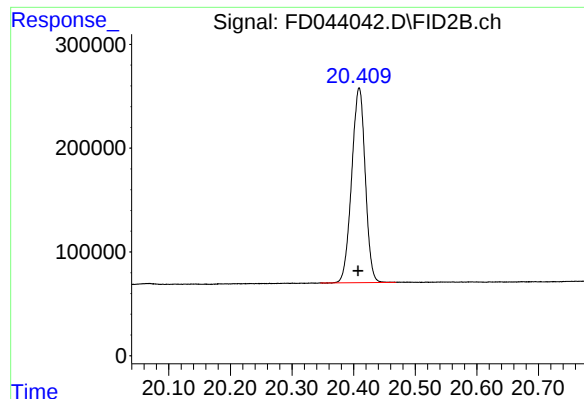
#19 n-Tetratriacontane (C34)

R.T.: 18.986 min  
Delta R.T.: 0.001 min  
Response: 3003727  
Conc: 20.40 ug/ml



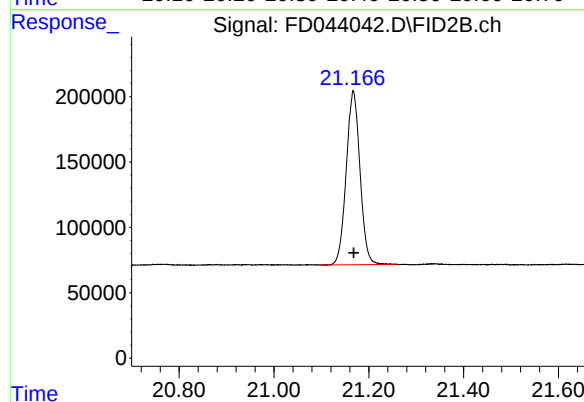
#20 n-Hexatriacontane (C36)

R.T.: 19.716 min  
Delta R.T.: 0.000 min  
Response: 2988105  
Conc: 20.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.409 min  
Delta R.T.: 0.002 min  
Response: 2872622  
Conc: 20.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.167 min  
Delta R.T.: -0.001 min  
Response: 2673972  
Conc: 20.56 ug/ml