

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE031324AL\  
 Data File : FE047176.D  
 Signal(s) : FID1B.ch  
 Acq On : 14 Mar 2024 00:14  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 14 01:57:12 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 031324.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 14 01:54:27 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)    | 11.975 | 3139845    | 19.030 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.06%       |
| 12) S 1-chlorooctadecane (S... | 13.407 | 2415407    | 18.944 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.89%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.364  | 2893030    | 19.242 ug/ml |
| 2) T n-Decane (C10)            | 4.614  | 2945734    | 19.214 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.317  | 3050655    | 19.134 ug/ml |
| 4) T n-Dodecane (C12)          | 6.778  | 2948515    | 19.163 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.412  | 2935881    | 19.130 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.606  | 2911530    | 19.109 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.213 | 2998798    | 19.051 ug/ml |
| 8) T n-Octadecane (C18)        | 11.655 | 3032091    | 19.040 ug/ml |
| 10) T n-Eicosane (C20)         | 12.963 | 2919433    | 18.994 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.574 | 2873168    | 18.989 ug/ml |
| 13) T n-Docosane (C22)         | 14.158 | 2855956    | 18.982 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.258 | 2830452    | 18.953 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.277 | 2755243    | 18.914 ug/ml |
| 16) T n-Octacosane (C28)       | 17.225 | 2671409    | 18.933 ug/ml |
| 17) T n-Tricontane (C30)       | 18.109 | 2676465    | 18.933 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.938 | 2585181    | 18.746 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.718 | 2449315    | 18.760 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.455 | 2392200    | 19.202 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.198 | 2223916    | 17.910 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.124 | 2094177    | 17.805 ug/ml |
| -----                          |        |            |              |

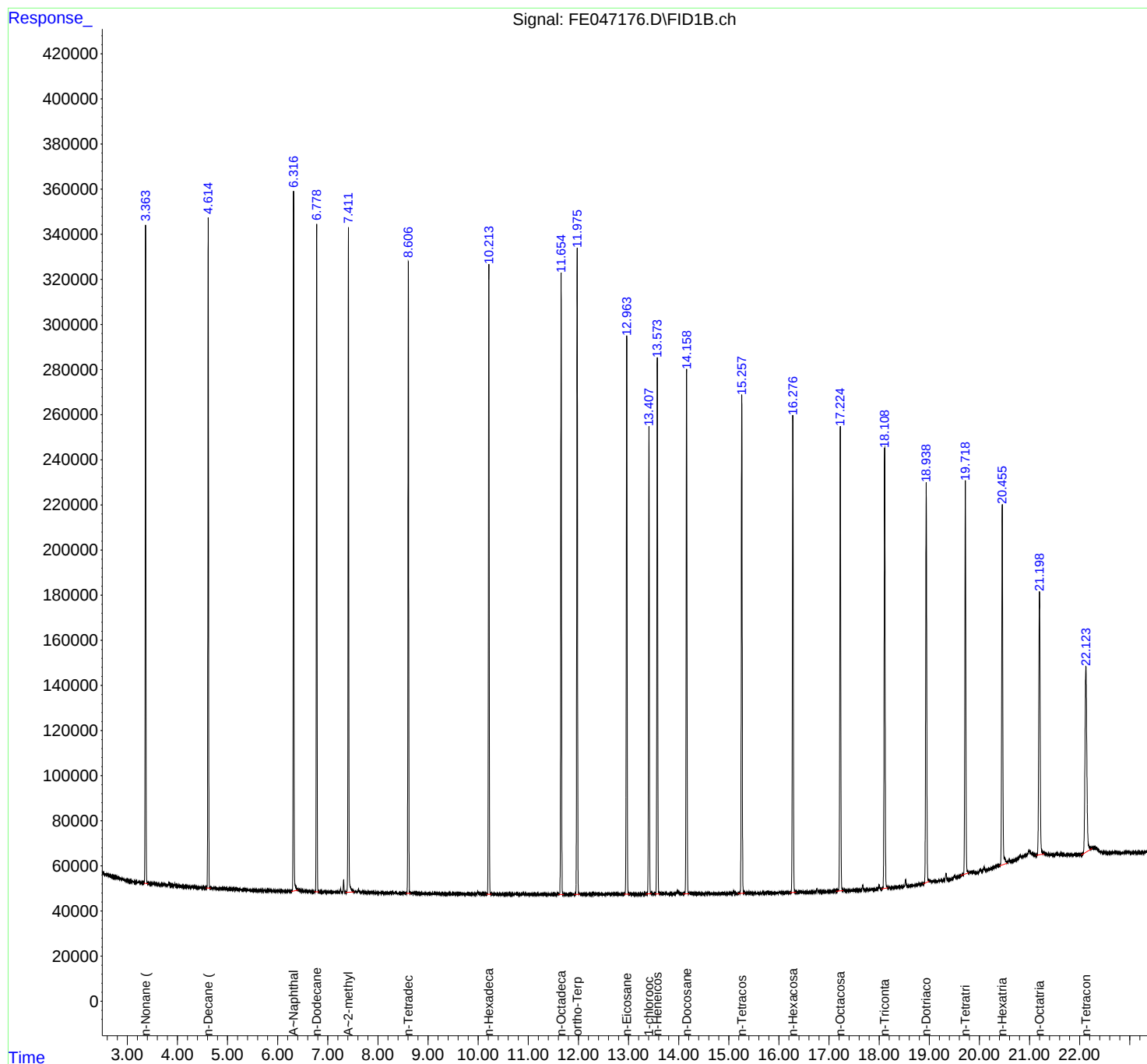
(f)=RT Delta > 1/2 Window

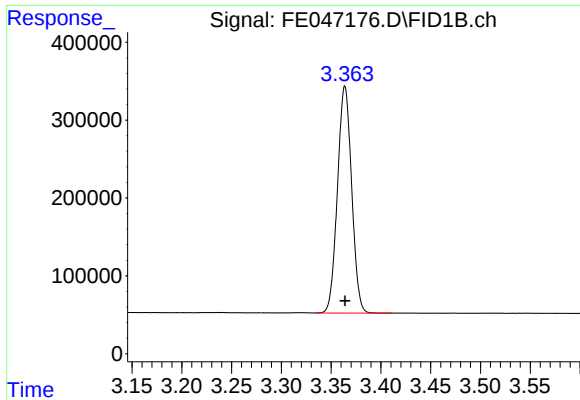
(m)=manual int.

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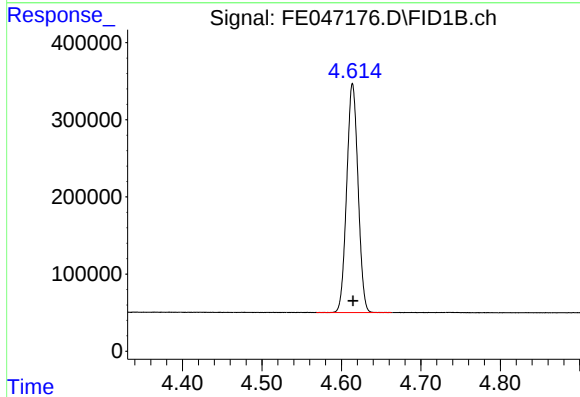
Volume Inj. : 1 u1  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





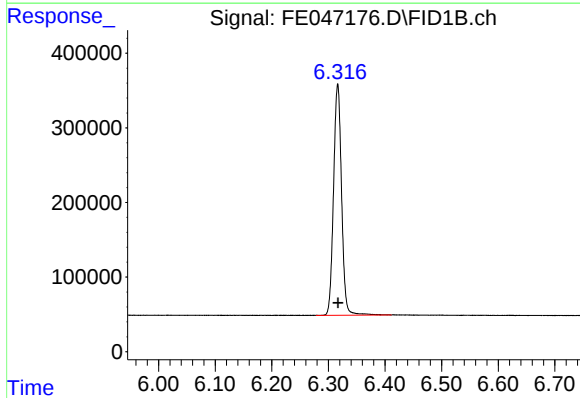
#1 n-Nonane (C9)

R.T.: 3.364 min  
Delta R.T.: 0.000 min  
Response: 2893030  
Conc: 19.24 ug/ml



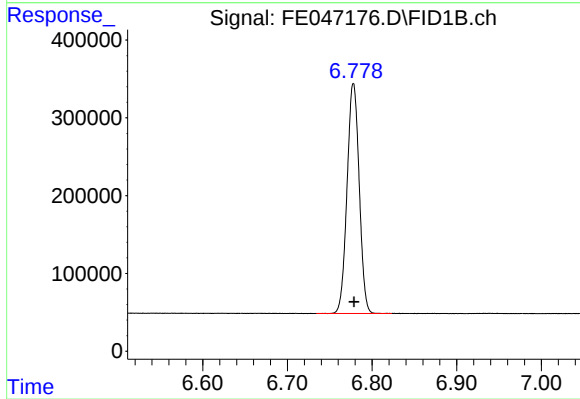
#2 n-Decane (C10)

R.T.: 4.614 min  
Delta R.T.: 0.000 min  
Response: 2945734  
Conc: 19.21 ug/ml



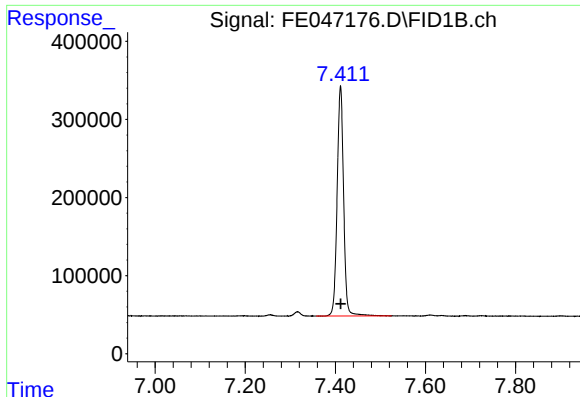
#3 A~Naphthalene (C11.7)

R.T.: 6.317 min  
Delta R.T.: 0.000 min  
Response: 3050655  
Conc: 19.13 ug/ml



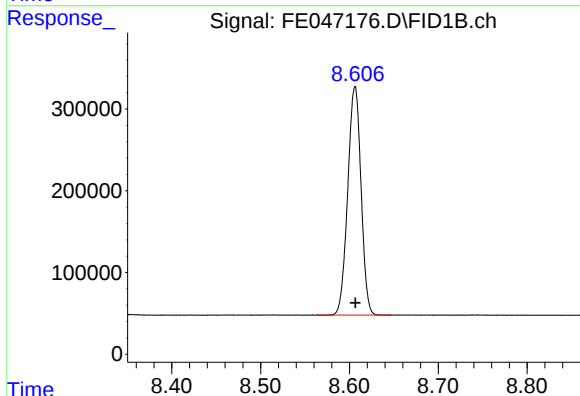
#4 n-Dodecane (C12)

R.T.: 6.778 min  
Delta R.T.: 0.000 min  
Response: 2948515  
Conc: 19.16 ug/ml



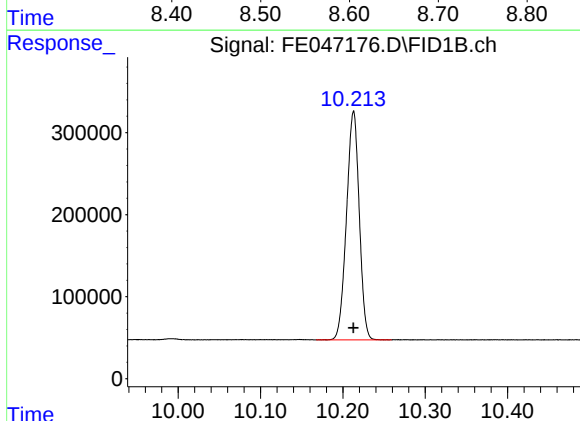
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.412 min  
Delta R.T.: 0.000 min  
Response: 2935881  
Conc: 19.13 ug/ml



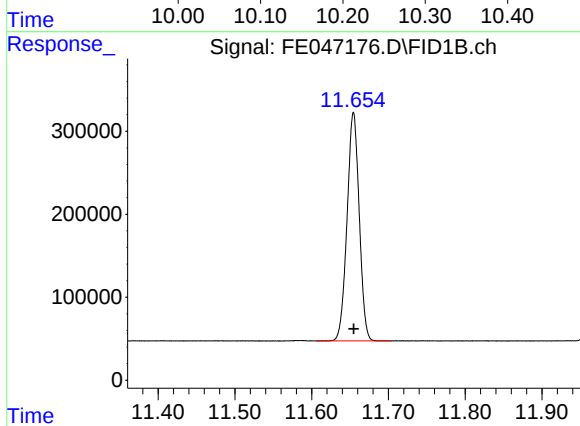
#6 n-Tetradecane (C14)

R.T.: 8.606 min  
Delta R.T.: 0.000 min  
Response: 2911530  
Conc: 19.11 ug/ml



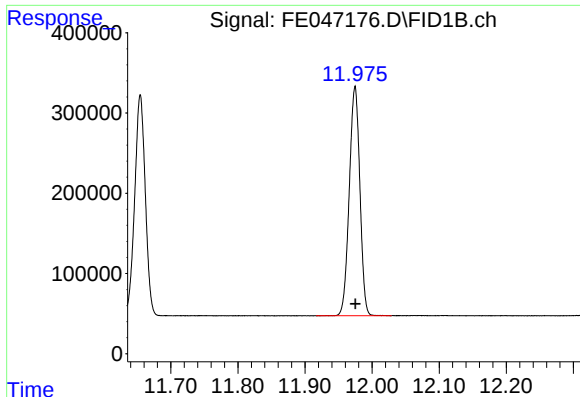
#7 n-Hexadecane (C16)

R.T.: 10.213 min  
Delta R.T.: 0.000 min  
Response: 2998798  
Conc: 19.05 ug/ml



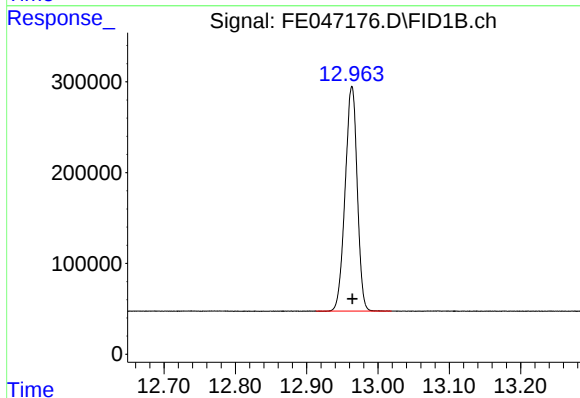
#8 n-Octadecane (C18)

R.T.: 11.655 min  
Delta R.T.: 0.000 min  
Response: 3032091  
Conc: 19.04 ug/ml



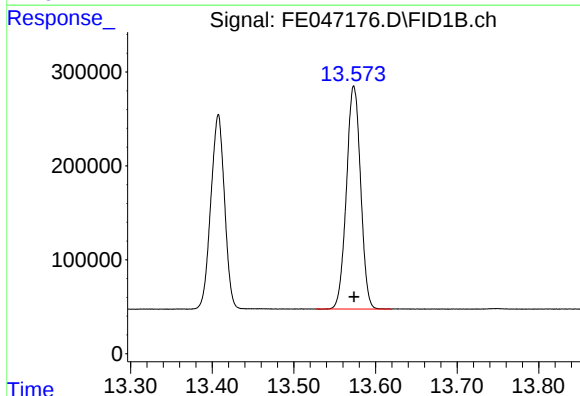
#9 ortho-Terphenyl (SURR)

R.T.: 11.975 min  
Delta R.T.: 0.000 min  
Response: 3139845  
Conc: 19.03 ug/ml



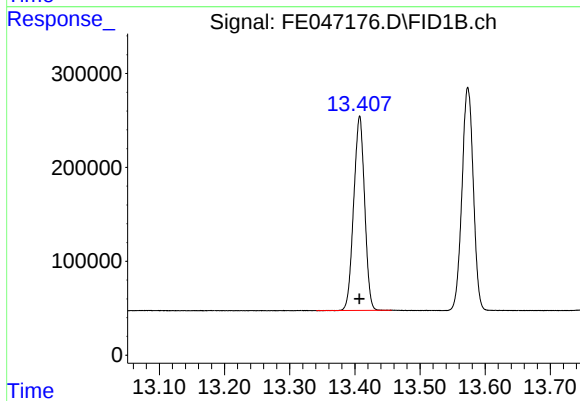
#10 n-Eicosane (C20)

R.T.: 12.963 min  
Delta R.T.: 0.000 min  
Response: 2919433  
Conc: 18.99 ug/ml



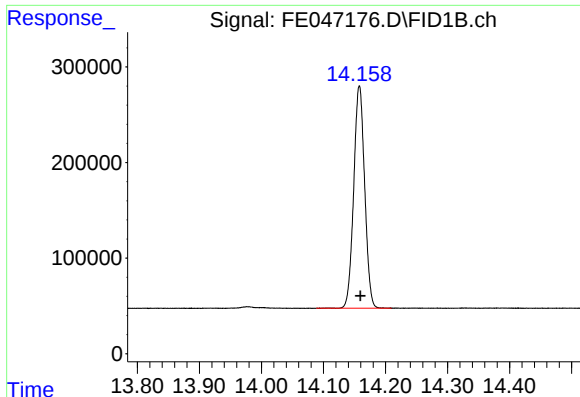
#11 n-Heneicosane (C21)

R.T.: 13.574 min  
Delta R.T.: 0.000 min  
Response: 2873168  
Conc: 18.99 ug/ml



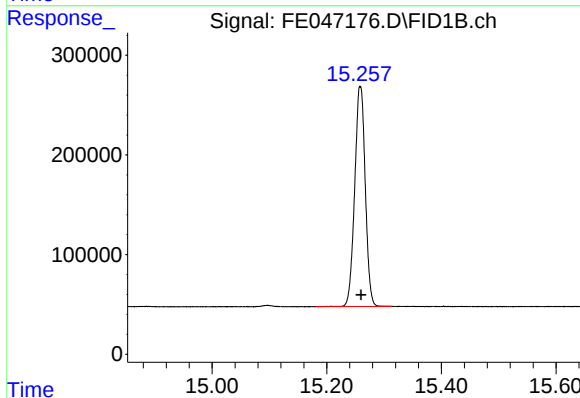
#12 1-chlorooctadecane (SURR)

R.T.: 13.407 min  
Delta R.T.: 0.000 min  
Response: 2415407  
Conc: 18.94 ug/ml



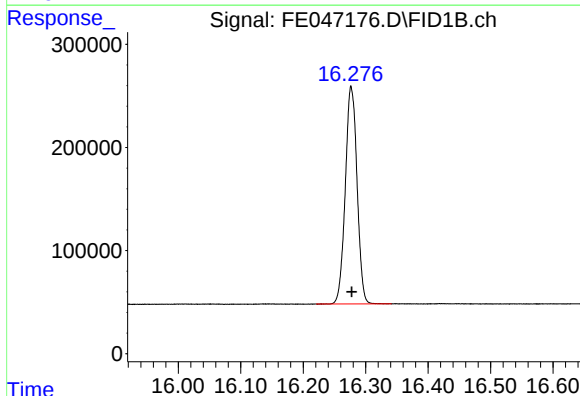
#13 n-Docosane (C22)

R.T.: 14.158 min  
Delta R.T.: -0.002 min  
Response: 2855956  
Conc: 18.98 ug/ml



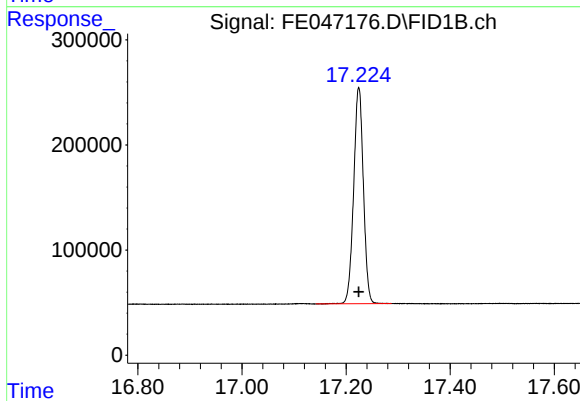
#14 n-Tetracosane (C24)

R.T.: 15.258 min  
Delta R.T.: -0.001 min  
Response: 2830452  
Conc: 18.95 ug/ml



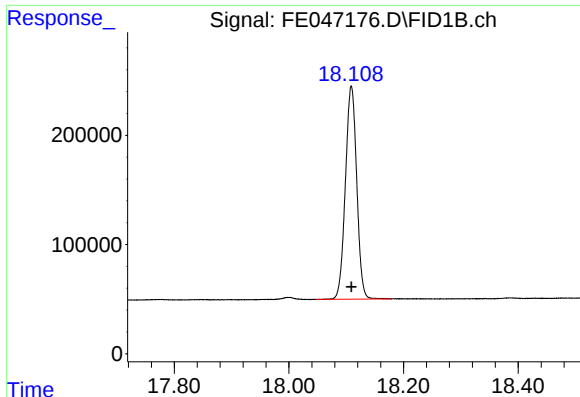
#15 n-Hexacosane (C26)

R.T.: 16.277 min  
Delta R.T.: -0.001 min  
Response: 2755243  
Conc: 18.91 ug/ml



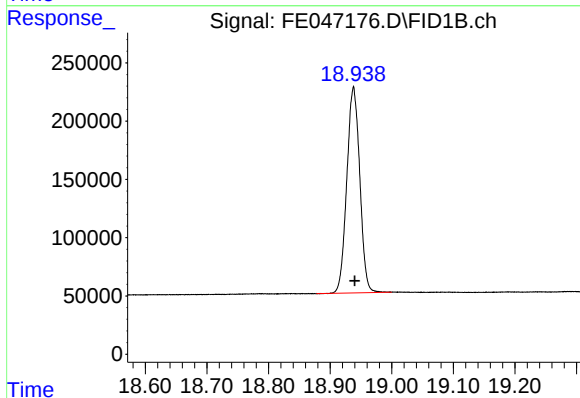
#16 n-Octacosane (C28)

R.T.: 17.225 min  
Delta R.T.: 0.000 min  
Response: 2671409  
Conc: 18.93 ug/ml



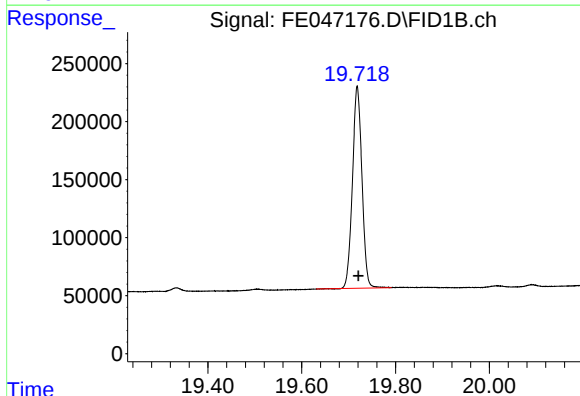
#17 n-Tricontane (C30)

R.T.: 18.109 min  
Delta R.T.: 0.000 min  
Response: 2676465  
Conc: 18.93 ug/ml



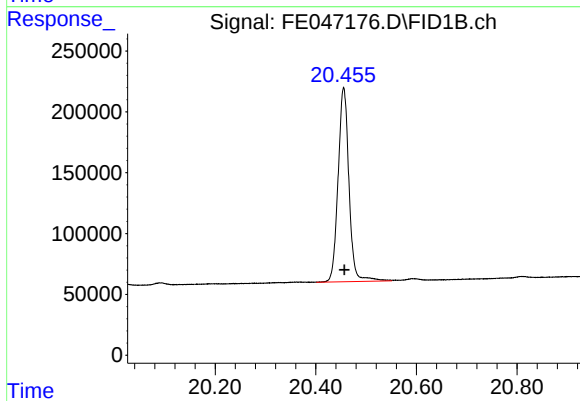
#18 n-Dotriacontane (C32)

R.T.: 18.938 min  
Delta R.T.: -0.002 min  
Response: 2585181  
Conc: 18.75 ug/ml



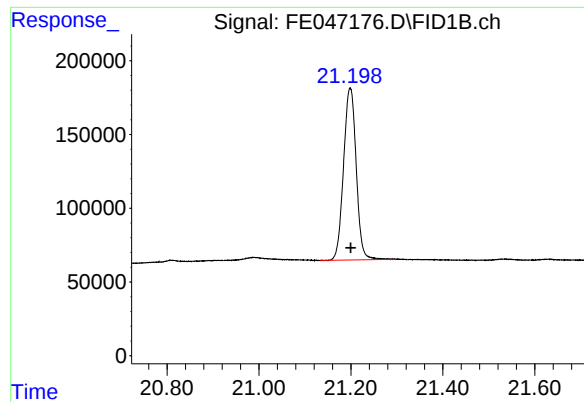
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min  
Delta R.T.: -0.003 min  
Response: 2449315  
Conc: 18.76 ug/ml



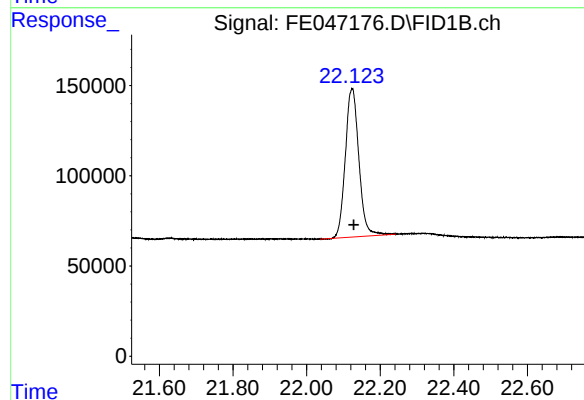
#20 n-Hexatriacontane (C36)

R.T.: 20.455 min  
Delta R.T.: -0.001 min  
Response: 2392200  
Conc: 19.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.198 min  
Delta R.T.: 0.000 min  
Response: 2223916  
Conc: 17.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.124 min  
Delta R.T.: -0.004 min  
Response: 2094177  
Conc: 17.80 ug/ml