

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE030724AL\  
 Data File : FE047129.D  
 Signal(s) : FID1B.ch  
 Acq On : 07 Mar 2024 08:44  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 08 00:23:03 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 022024.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 20 11:04:00 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)    | 11.783 | 3150063    | 19.173 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.35%        |
| 12) S 1-chlorooctadecane (S... | 13.224 | 2398703    | 19.486 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.97%        |
|                                |        |            |               |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.173  | 2778536    | 18.221 ug/ml  |
| 2) T n-Decane (C10)            | 4.425  | 2943279    | 19.003 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.132  | 2890627    | 18.353 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.593  | 2994831    | 19.261 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.229  | 2643696    | 18.436 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.419  | 2995813    | 19.428 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.026 | 3103239    | 19.558 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.469 | 3132804    | 19.651 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.779 | 2959119    | 19.549 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.390 | 2868500    | 19.371 ug/ml  |
| 13) T n-Docosane (C22)         | 13.976 | 2857451    | 19.640 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.080 | 2876820    | 20.143 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.101 | 2840942    | 20.330 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.051 | 2881362    | 21.149 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.940 | 3131918    | 22.448 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.773 | 3125233    | 22.712 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.558 | 2991666    | 22.270 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.300 | 2890056    | 21.703 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.019 | 2855543    | 20.724 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.890 | 2896269    | 20.528 ug/ml  |
| -----                          |        |            |               |

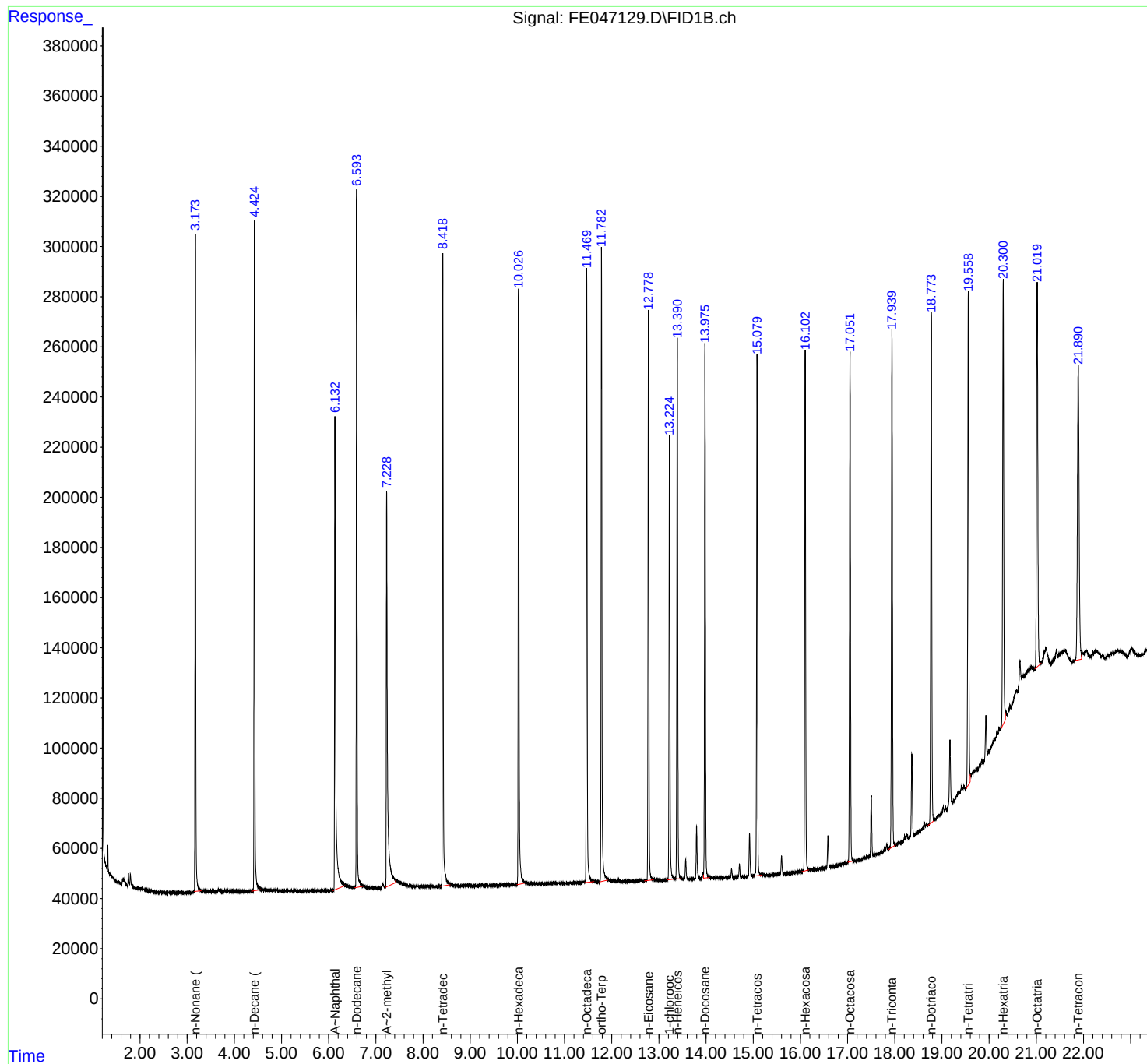
(f)=RT Delta > 1/2 Window

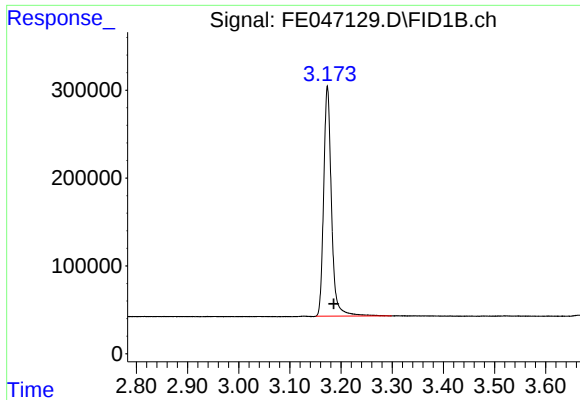
(m)=manual int.

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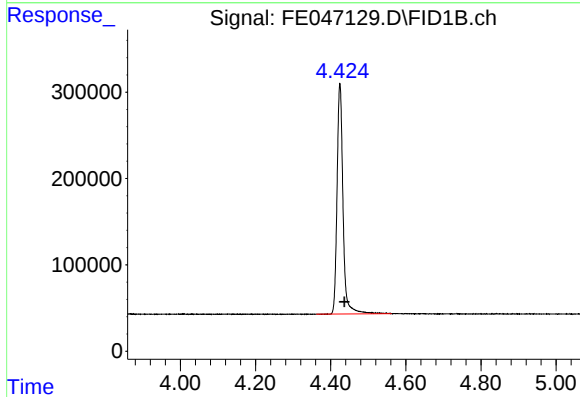
Volume Inj. : 1 uL  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





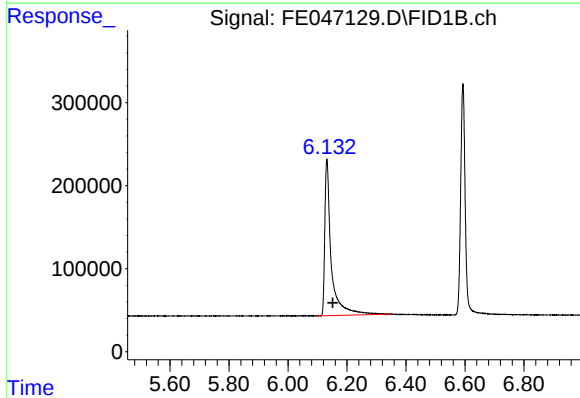
#1 n-Nonane (C9)

R.T.: 3.173 min  
Delta R.T.: -0.013 min  
Response: 2778536  
Conc: 18.22 ug/ml



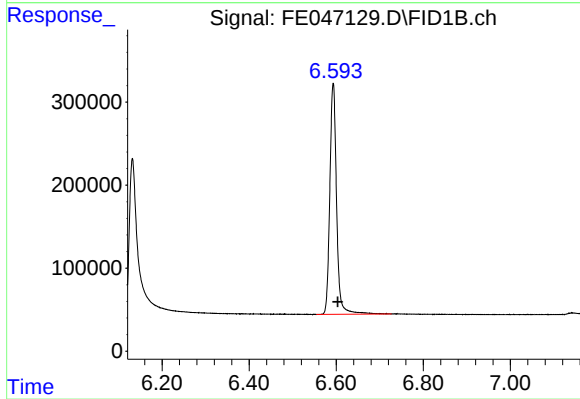
#2 n-Decane (C10)

R.T.: 4.425 min  
Delta R.T.: -0.012 min  
Response: 2943279  
Conc: 19.00 ug/ml



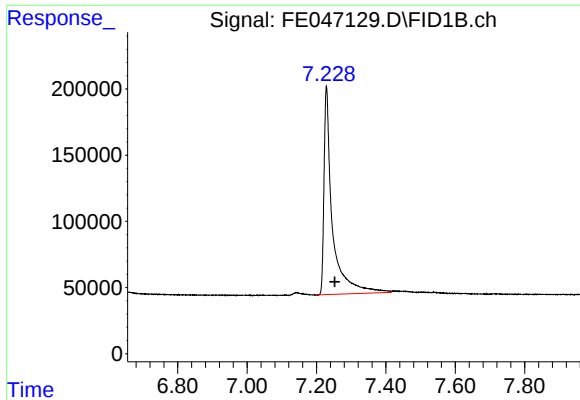
#3 A~Naphthalene (C11.7)

R.T.: 6.132 min  
Delta R.T.: -0.019 min  
Response: 2890627  
Conc: 18.35 ug/ml



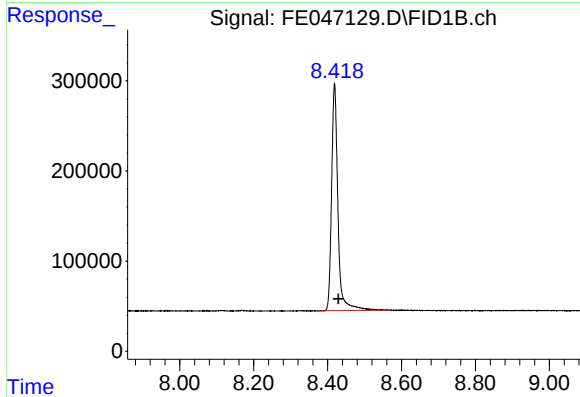
#4 n-Dodecane (C12)

R.T.: 6.593 min  
Delta R.T.: -0.011 min  
Response: 2994831  
Conc: 19.26 ug/ml



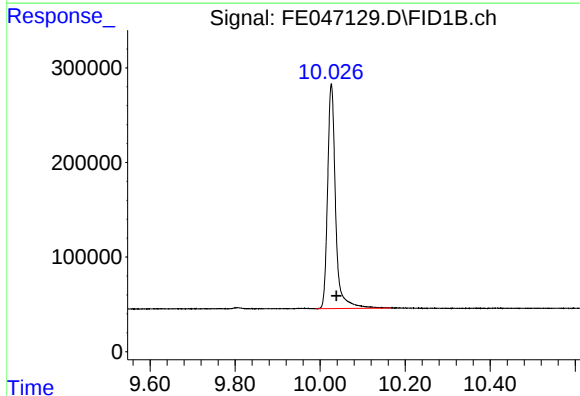
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.229 min  
Delta R.T.: -0.024 min  
Response: 2643696  
Conc: 18.44 ug/ml



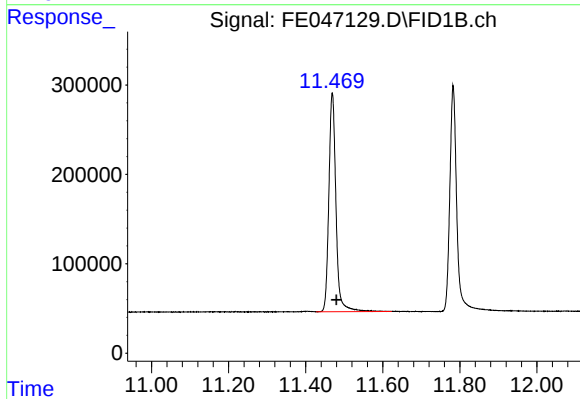
#6 n-Tetradecane (C14)

R.T.: 8.419 min  
Delta R.T.: -0.011 min  
Response: 2995813  
Conc: 19.43 ug/ml



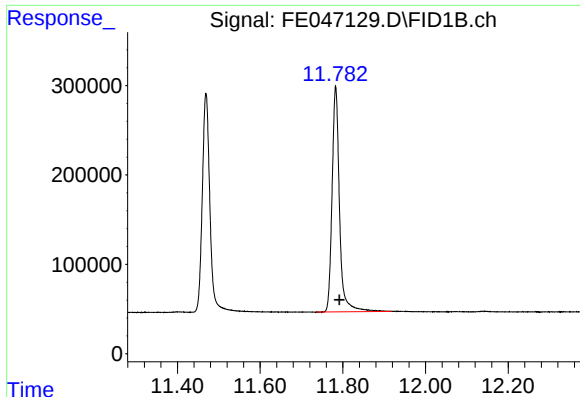
#7 n-Hexadecane (C16)

R.T.: 10.026 min  
Delta R.T.: -0.012 min  
Response: 3103239  
Conc: 19.56 ug/ml



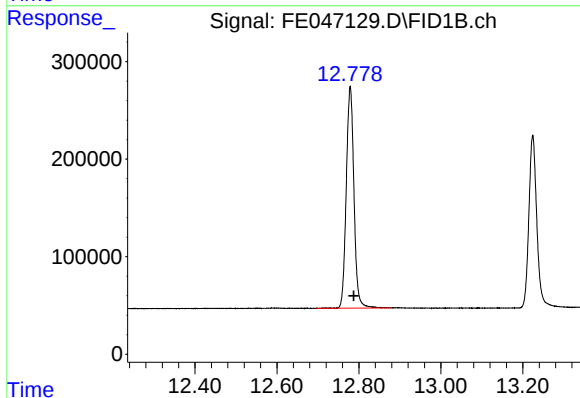
#8 n-Octadecane (C18)

R.T.: 11.469 min  
Delta R.T.: -0.011 min  
Response: 3132804  
Conc: 19.65 ug/ml



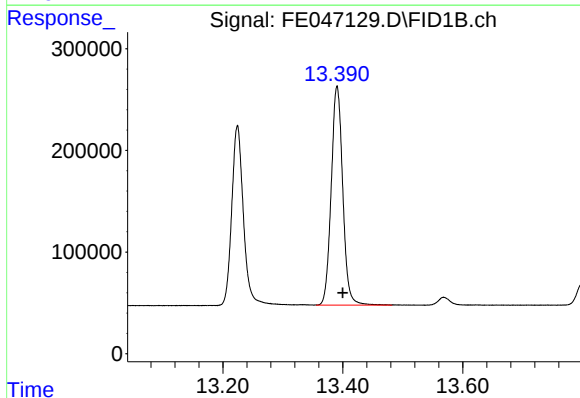
#9 ortho-Terphenyl (SURR)

R.T.: 11.783 min  
Delta R.T.: -0.009 min  
Response: 3150063  
Conc: 19.17 ug/ml



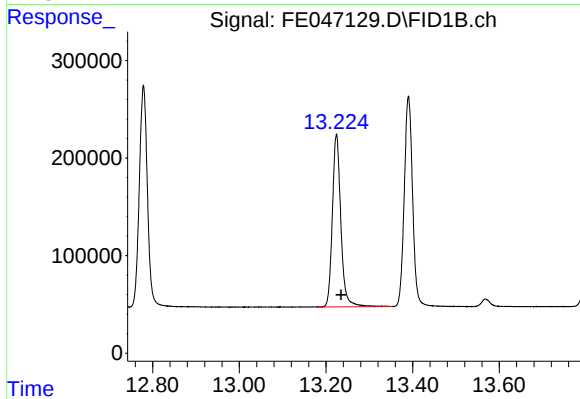
#10 n-Eicosane (C20)

R.T.: 12.779 min  
Delta R.T.: -0.009 min  
Response: 2959119  
Conc: 19.55 ug/ml



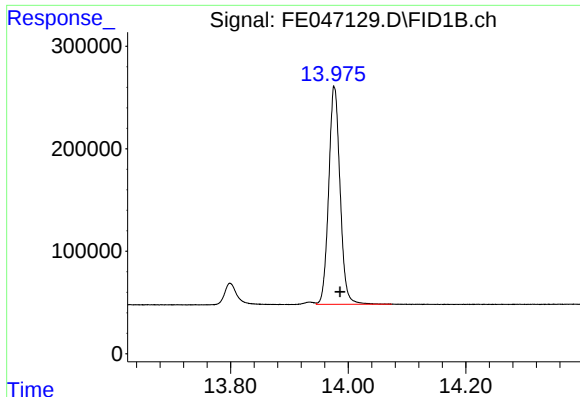
#11 n-Heneicosane (C21)

R.T.: 13.390 min  
Delta R.T.: -0.009 min  
Response: 2868500  
Conc: 19.37 ug/ml



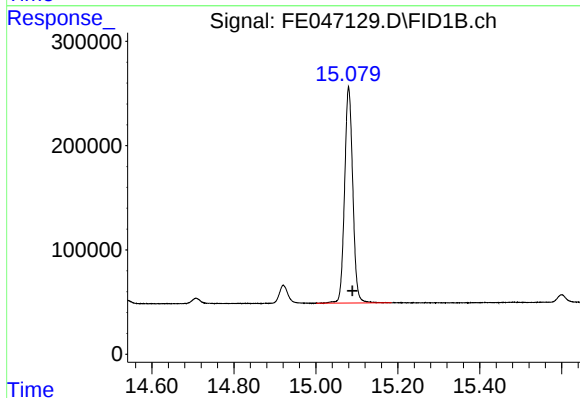
#12 1-chlorooctadecane (SURR)

R.T.: 13.224 min  
Delta R.T.: -0.011 min  
Response: 2398703  
Conc: 19.49 ug/ml



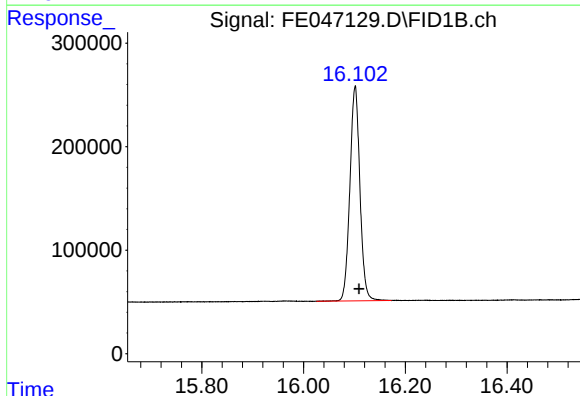
#13 n-Docosane (C22)

R.T.: 13.976 min  
Delta R.T.: -0.010 min  
Response: 2857451  
Conc: 19.64 ug/ml



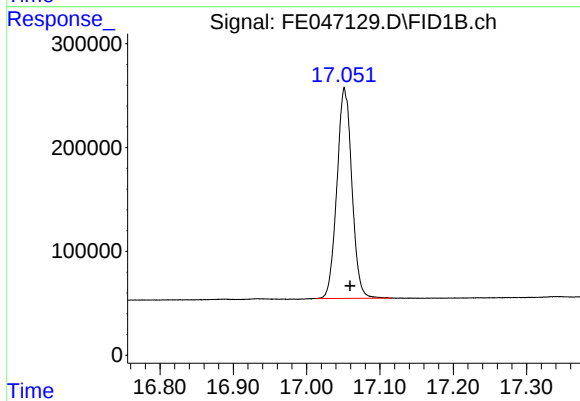
#14 n-Tetracosane (C24)

R.T.: 15.080 min  
Delta R.T.: -0.009 min  
Response: 2876820  
Conc: 20.14 ug/ml



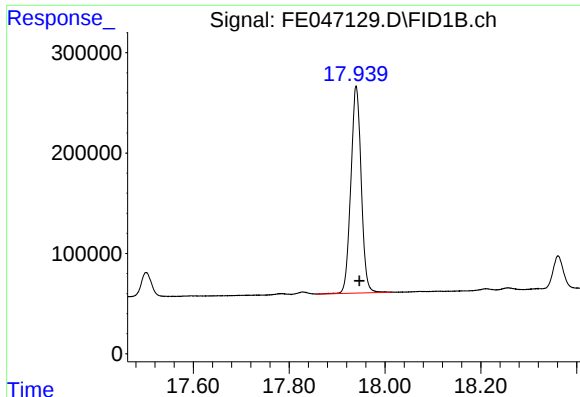
#15 n-Hexacosane (C26)

R.T.: 16.101 min  
Delta R.T.: -0.008 min  
Response: 2840942  
Conc: 20.33 ug/ml



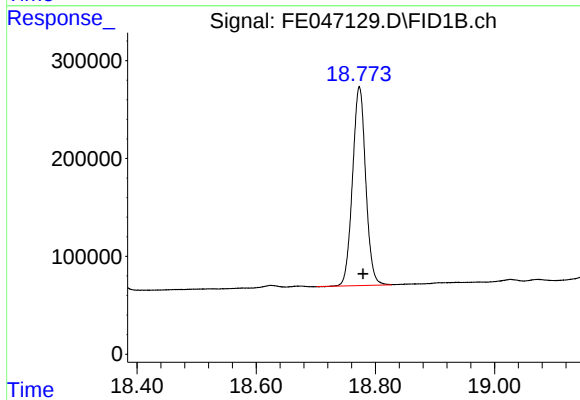
#16 n-Octacosane (C28)

R.T.: 17.051 min  
Delta R.T.: -0.008 min  
Response: 2881362  
Conc: 21.15 ug/ml m



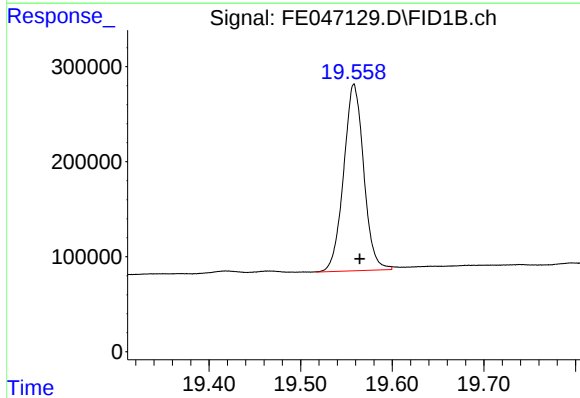
#17 n-Tricontane (C30)

R.T.: 17.940 min  
Delta R.T.: -0.007 min  
Response: 3131918  
Conc: 22.45 ug/ml



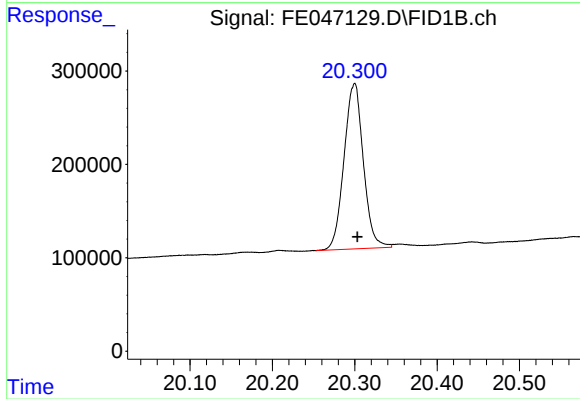
#18 n-Dotriacontane (C32)

R.T.: 18.773 min  
Delta R.T.: -0.006 min  
Response: 3125233  
Conc: 22.71 ug/ml



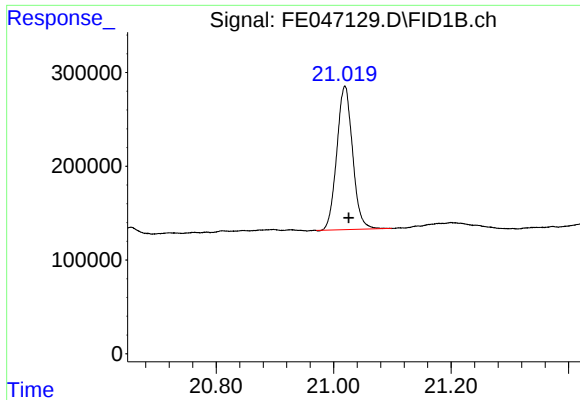
#19 n-Tetratriacontane (C34)

R.T.: 19.558 min  
Delta R.T.: -0.006 min  
Response: 2991666  
Conc: 22.27 ug/ml m



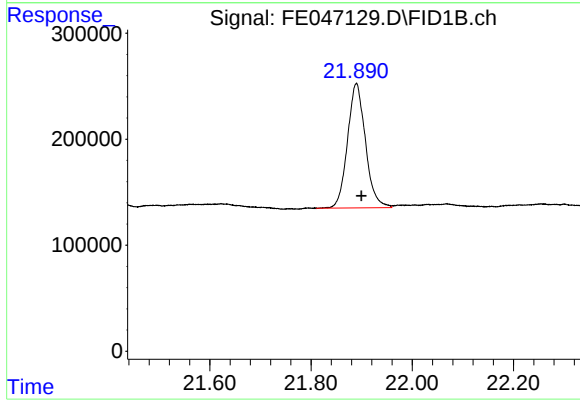
#20 n-Hexatriacontane (C36)

R.T.: 20.300 min  
Delta R.T.: -0.003 min  
Response: 2890056  
Conc: 21.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.019 min  
Delta R.T.: -0.006 min  
Response: 2855543  
Conc: 20.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.890 min  
Delta R.T.: -0.010 min  
Response: 2896269  
Conc: 20.53 ug/ml