

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE083025AL\  
 Data File : FE055615.D  
 Signal(s) : FID1B.ch  
 Acq On : 30 Aug 2025 00:42  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 01 01:47:00 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 082925.M  
 Quant Title : GC Extractables  
 Qlast Update : Fri Aug 29 08:12:09 2025  
 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)    | 12.076 | 3254025    | 19.807 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.61%       |
| 12) S 1-chlorooctadecane (S... | 13.512 | 2491503    | 19.925 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.85%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.414  | 2537219    | 19.994 ug/ml |
| 2) T n-Decane (C10)            | 4.672  | 2567428    | 20.043 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.391  | 2919363    | 20.094 ug/ml |
| 4) T n-Dodecane (C12)          | 6.848  | 2620576    | 20.125 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.492  | 2827118    | 20.100 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.685  | 2655739    | 20.166 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.300 | 2778965    | 20.065 ug/ml |
| 8) T n-Octadecane (C18)        | 11.749 | 2930586    | 20.092 ug/ml |
| 10) T n-Eicosane (C20)         | 13.064 | 2872686    | 19.957 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.678 | 2833594    | 19.837 ug/ml |
| 13) T n-Docosane (C22)         | 14.267 | 2832604    | 19.788 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.374 | 2857797    | 19.750 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.397 | 2787051    | 19.509 ug/ml |
| 16) T n-Octacosane (C28)       | 17.349 | 2785896    | 19.586 ug/ml |
| 17) T n-Tricontane (C30)       | 18.240 | 2929907    | 19.821 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.074 | 2962087    | 20.181 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.858 | 2852370    | 20.189 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.601 | 2664682    | 20.194 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.378 | 2651785    | 20.361 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.366 | 2559700    | 19.960 ug/ml |
| -----                          |        |            |              |

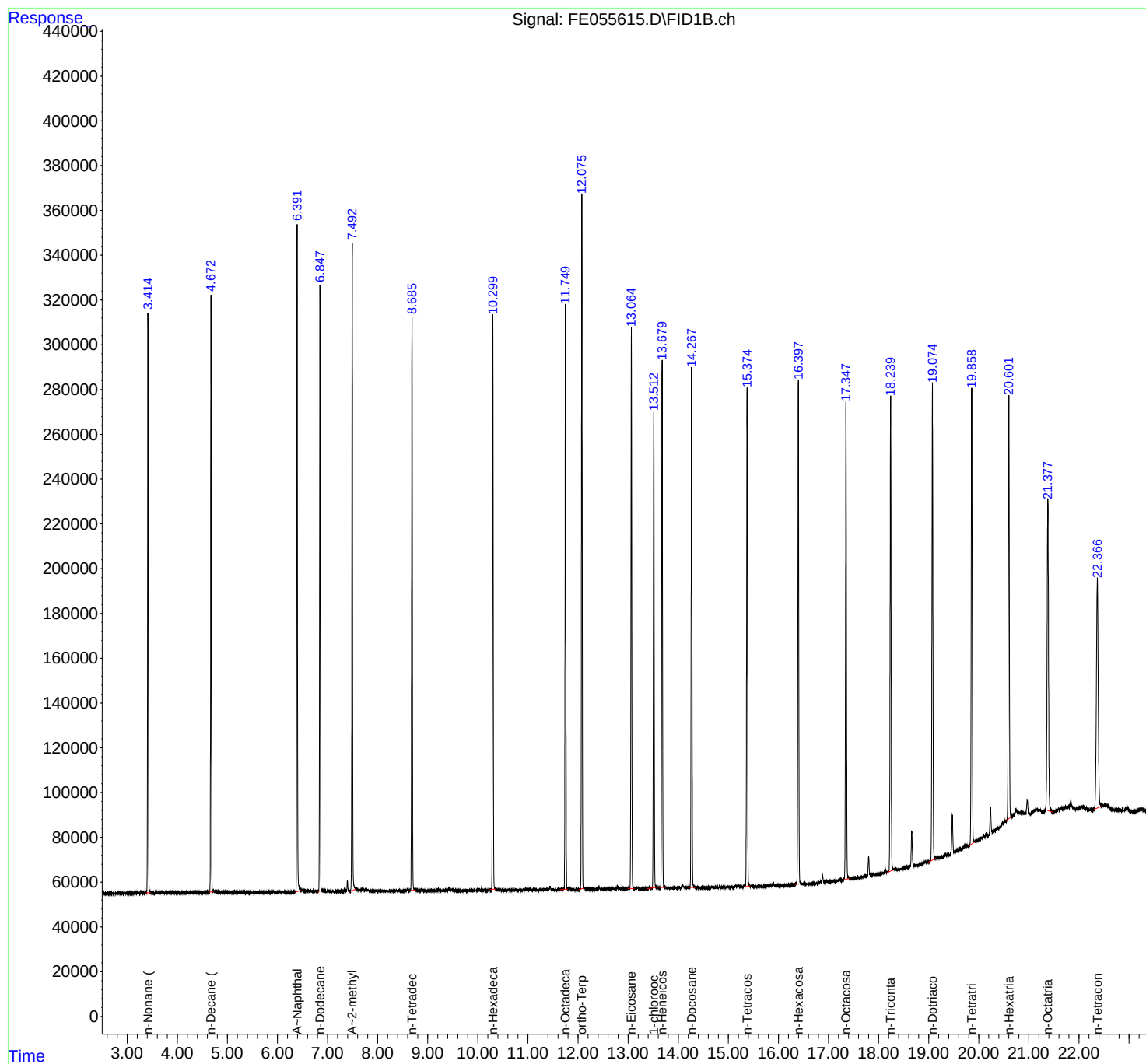
(f)=RT Delta > 1/2 Window

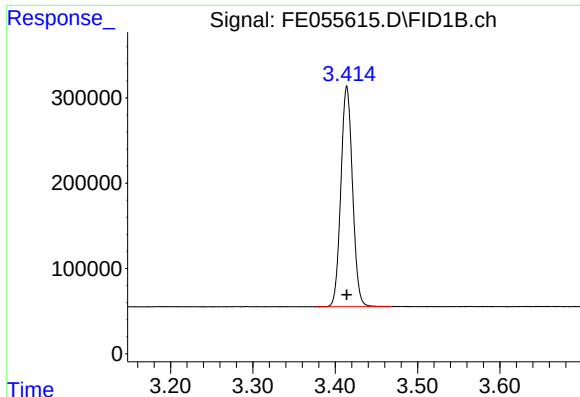
(m)=manual int.

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QLast Update : Fri Aug 29 08:12:09 2025  
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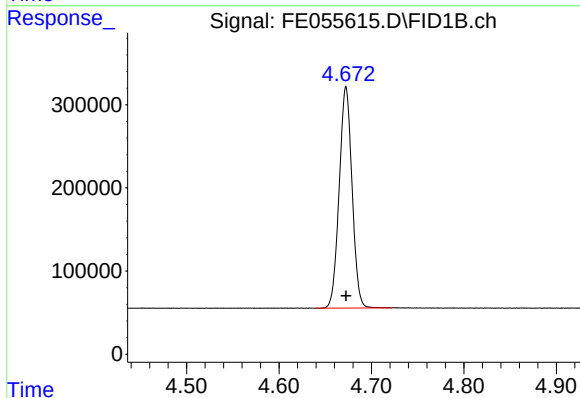
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





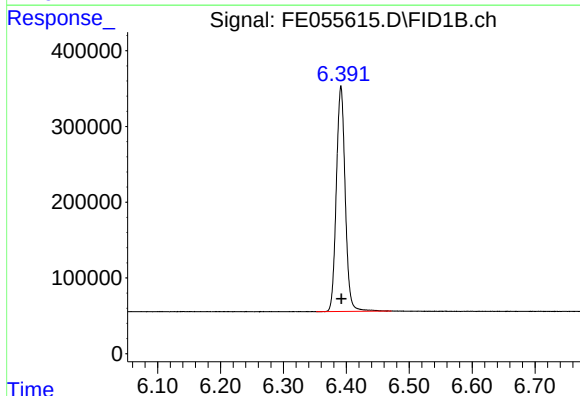
#1 n-Nonane (C9)

R.T.: 3.414 min  
Delta R.T.: 0.000 min  
Response: 2537219  
Conc: 19.99 ug/ml



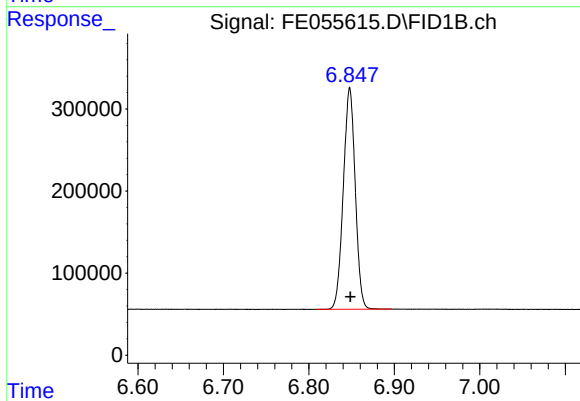
#2 n-Decane (C10)

R.T.: 4.672 min  
Delta R.T.: 0.000 min  
Response: 2567428  
Conc: 20.04 ug/ml



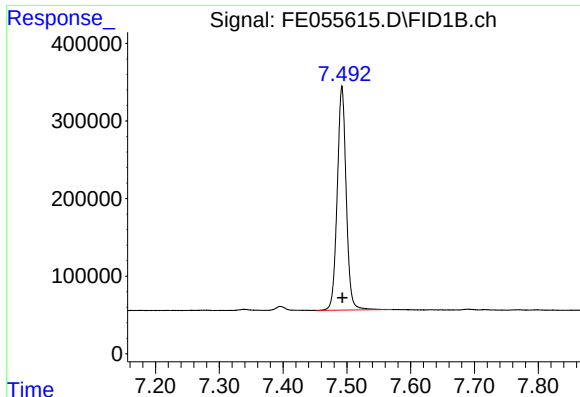
#3 A~Naphthalene (C11.7)

R.T.: 6.391 min  
Delta R.T.: 0.000 min  
Response: 2919363  
Conc: 20.09 ug/ml



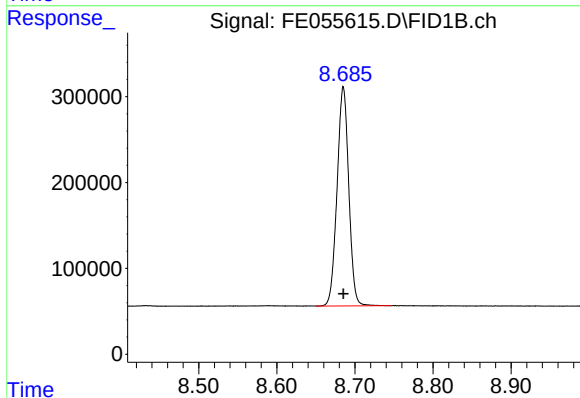
#4 n-Dodecane (C12)

R.T.: 6.848 min  
Delta R.T.: 0.000 min  
Response: 2620576  
Conc: 20.13 ug/ml



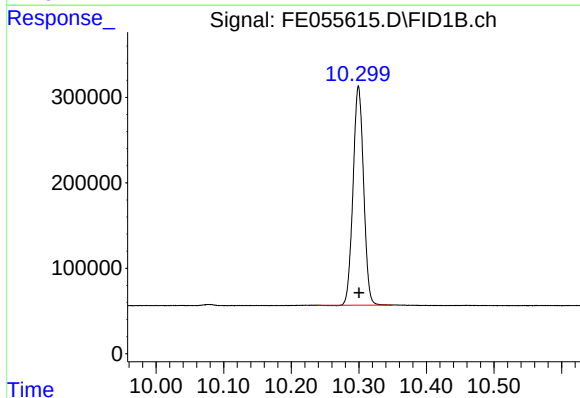
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.492 min  
Delta R.T.: 0.000 min  
Response: 2827118  
Conc: 20.10 ug/ml



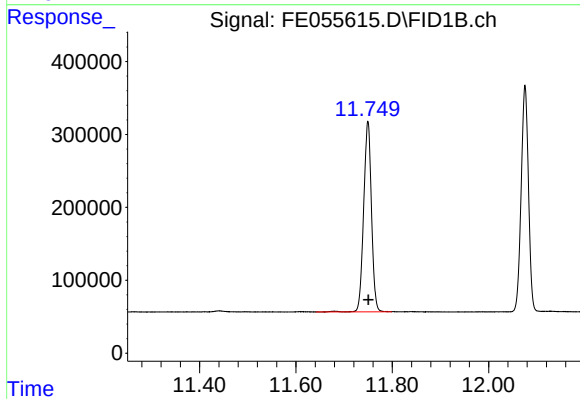
#6 n-Tetradecane (C14)

R.T.: 8.685 min  
Delta R.T.: 0.000 min  
Response: 2655739  
Conc: 20.17 ug/ml



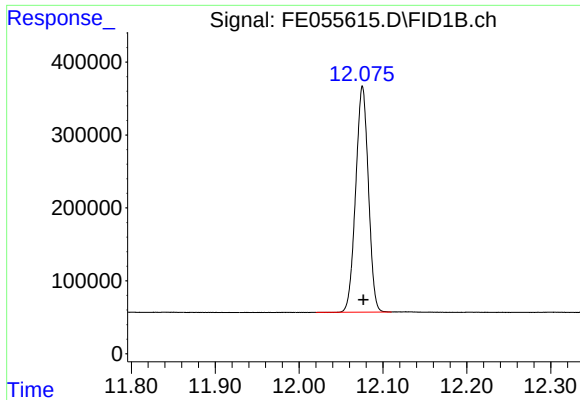
#7 n-Hexadecane (C16)

R.T.: 10.300 min  
Delta R.T.: 0.000 min  
Response: 2778965  
Conc: 20.07 ug/ml



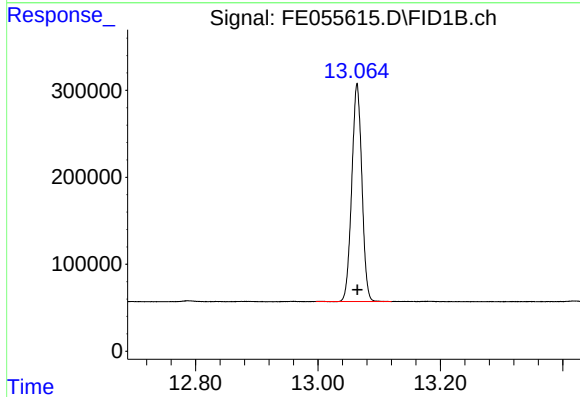
#8 n-Octadecane (C18)

R.T.: 11.749 min  
Delta R.T.: 0.000 min  
Response: 2930586  
Conc: 20.09 ug/ml



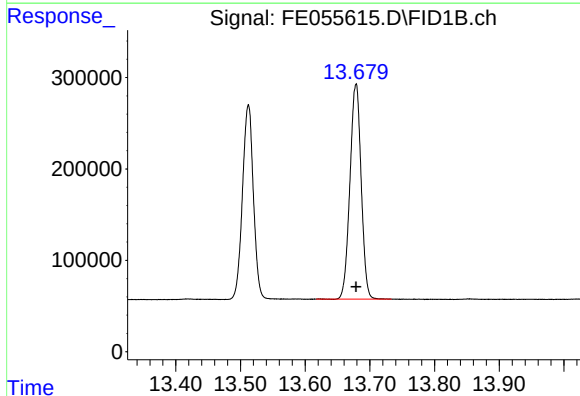
#9 ortho-Terphenyl (SURR)

R.T.: 12.076 min  
Delta R.T.: -0.001 min  
Response: 3254025  
Conc: 19.81 ug/ml



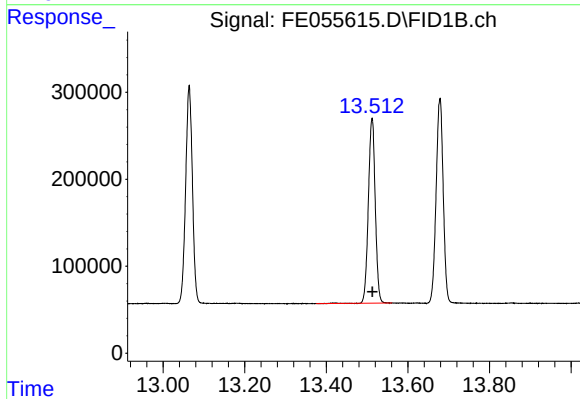
#10 n-Eicosane (C20)

R.T.: 13.064 min  
Delta R.T.: 0.000 min  
Response: 2872686  
Conc: 19.96 ug/ml



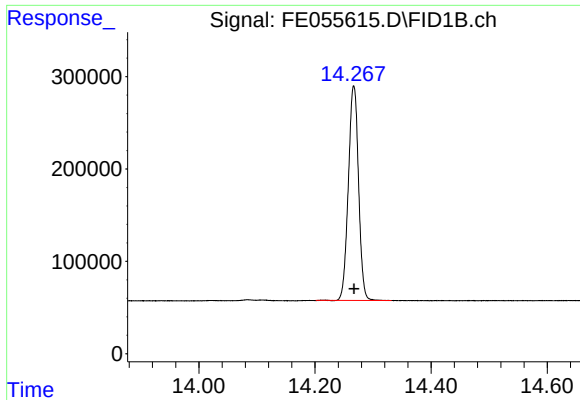
#11 n-Heneicosane (C21)

R.T.: 13.678 min  
Delta R.T.: 0.000 min  
Response: 2833594  
Conc: 19.84 ug/ml



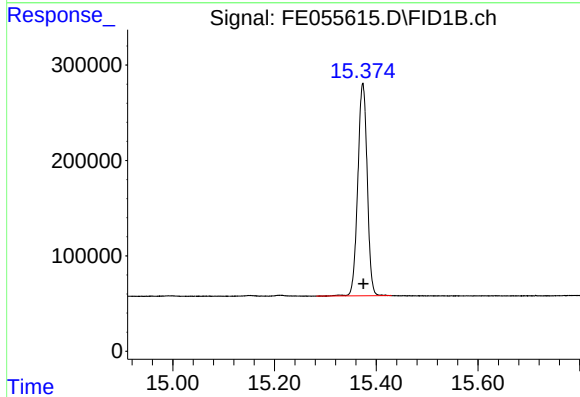
#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min  
Delta R.T.: 0.000 min  
Response: 2491503  
Conc: 19.92 ug/ml



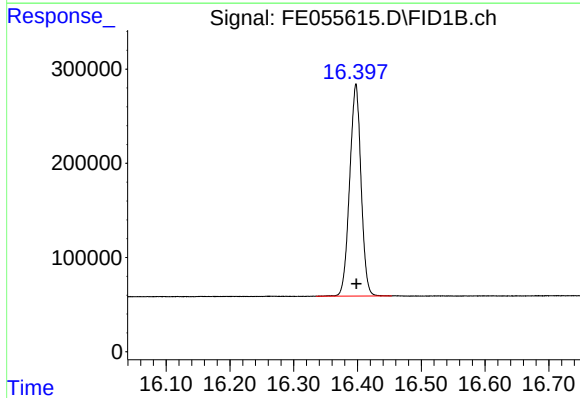
#13 n-Docosane (C22)

R.T.: 14.267 min  
Delta R.T.: 0.000 min  
Response: 2832604  
Conc: 19.79 ug/ml



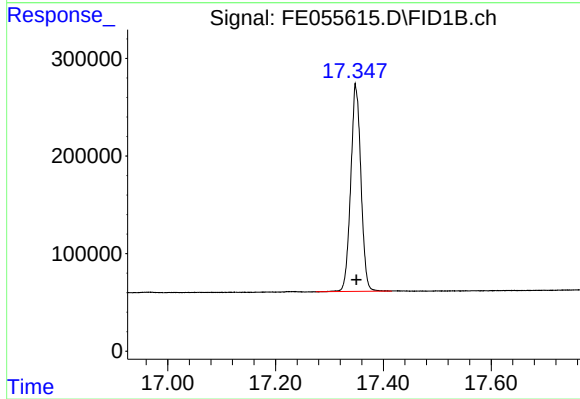
#14 n-Tetracosane (C24)

R.T.: 15.374 min  
Delta R.T.: -0.001 min  
Response: 2857797  
Conc: 19.75 ug/ml



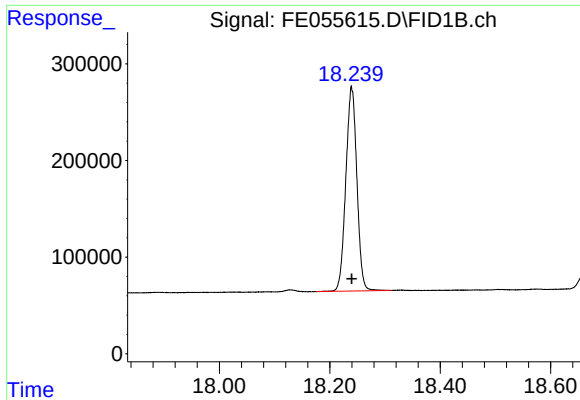
#15 n-Hexacosane (C26)

R.T.: 16.397 min  
Delta R.T.: 0.000 min  
Response: 2787051  
Conc: 19.51 ug/ml



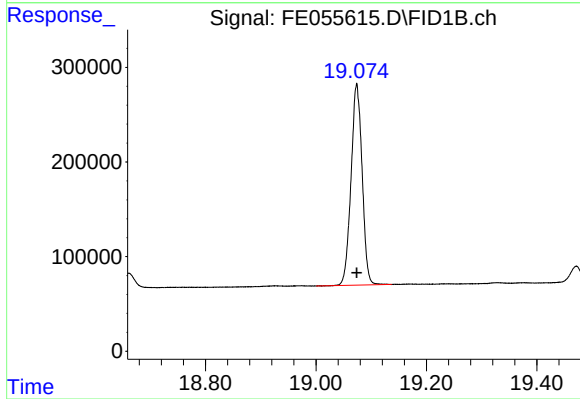
#16 n-Octacosane (C28)

R.T.: 17.349 min  
Delta R.T.: -0.001 min  
Response: 2785896  
Conc: 19.59 ug/ml



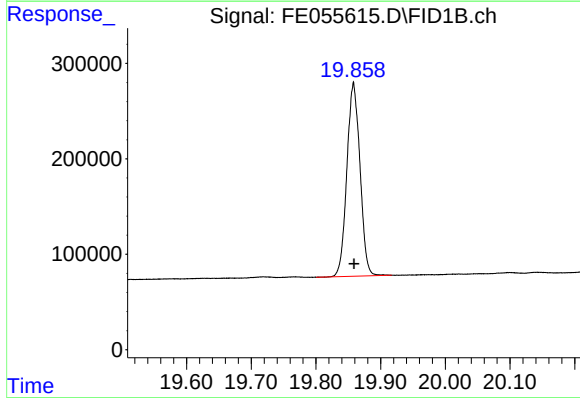
#17 n-Tricontane (C30)

R.T.: 18.240 min  
Delta R.T.: 0.000 min  
Response: 2929907  
Conc: 19.82 ug/ml



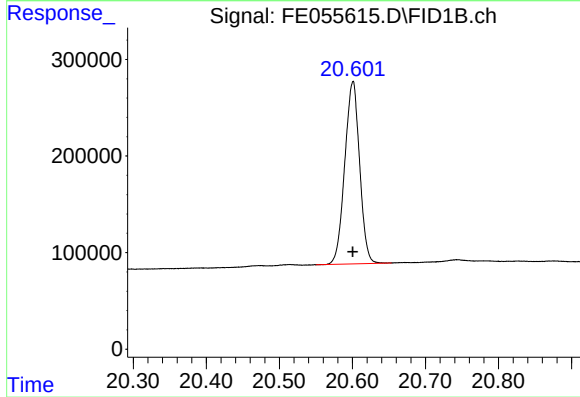
#18 n-Dotriacontane (C32)

R.T.: 19.074 min  
Delta R.T.: 0.000 min  
Response: 2962087  
Conc: 20.18 ug/ml



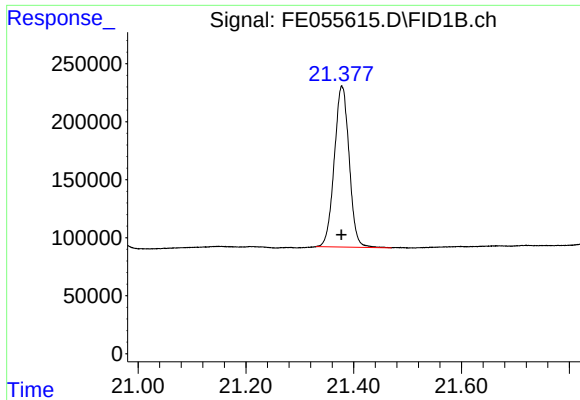
#19 n-Tetratriacontane (C34)

R.T.: 19.858 min  
Delta R.T.: 0.000 min  
Response: 2852370  
Conc: 20.19 ug/ml



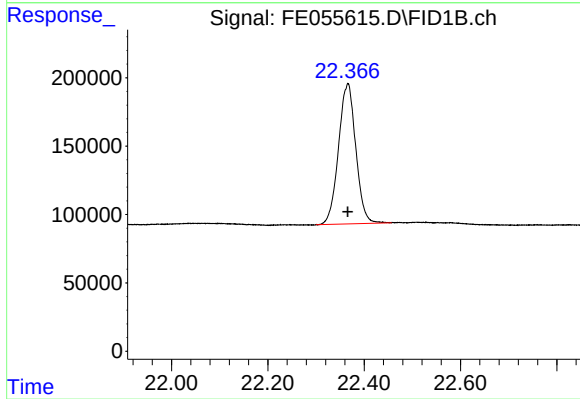
#20 n-Hexatriacontane (C36)

R.T.: 20.601 min  
Delta R.T.: 0.000 min  
Response: 2664682  
Conc: 20.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.378 min  
Delta R.T.: 0.000 min  
Response: 2651785  
Conc: 20.36 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.366 min  
Delta R.T.: 0.000 min  
Response: 2559700  
Conc: 19.96 ug/ml