

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE012523AL\  
 Data File : FE040027.D  
 Signal(s) : FID1B.ch  
 Acq On : 25 Jan 2023 09:11  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 26 02:46:12 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 011023.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 10 04:24:52 2023  
 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)    | 11.902 | 2994309    | 19.498 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.00%       |
| 12) S 1-chlorooctadecane (S... | 13.339 | 2275258    | 19.497 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.99%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.299  | 2494682    | 19.653 ug/ml |
| 2) T n-Decane (C10)            | 4.548  | 2457629    | 19.790 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.250  | 2755391    | 19.538 ug/ml |
| 4) T n-Dodecane (C12)          | 6.712  | 2507750    | 19.946 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.345  | 2581007    | 19.706 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.538  | 2554016    | 19.858 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.144 | 2660888    | 19.724 ug/ml |
| 8) T n-Octadecane (C18)        | 11.586 | 2740931    | 19.561 ug/ml |
| 10) T n-Eicosane (C20)         | 12.894 | 2698316    | 19.475 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.506 | 2713666    | 19.447 ug/ml |
| 13) T n-Docosane (C22)         | 14.093 | 2711359    | 19.534 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.195 | 2733824    | 19.856 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.217 | 2672923    | 20.027 ug/ml |
| 16) T n-Octacosane (C28)       | 17.167 | 2674988    | 20.549 ug/ml |
| 17) T n-Tricontane (C30)       | 18.055 | 2707553    | 21.231 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.888 | 2716300    | 21.486 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.671 | 2579457    | 20.875 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.411 | 2405464    | 20.403 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.142 | 2389062    | 19.989 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.041 | 2359329    | 19.440 ug/ml |
| -----                          |        |            |              |

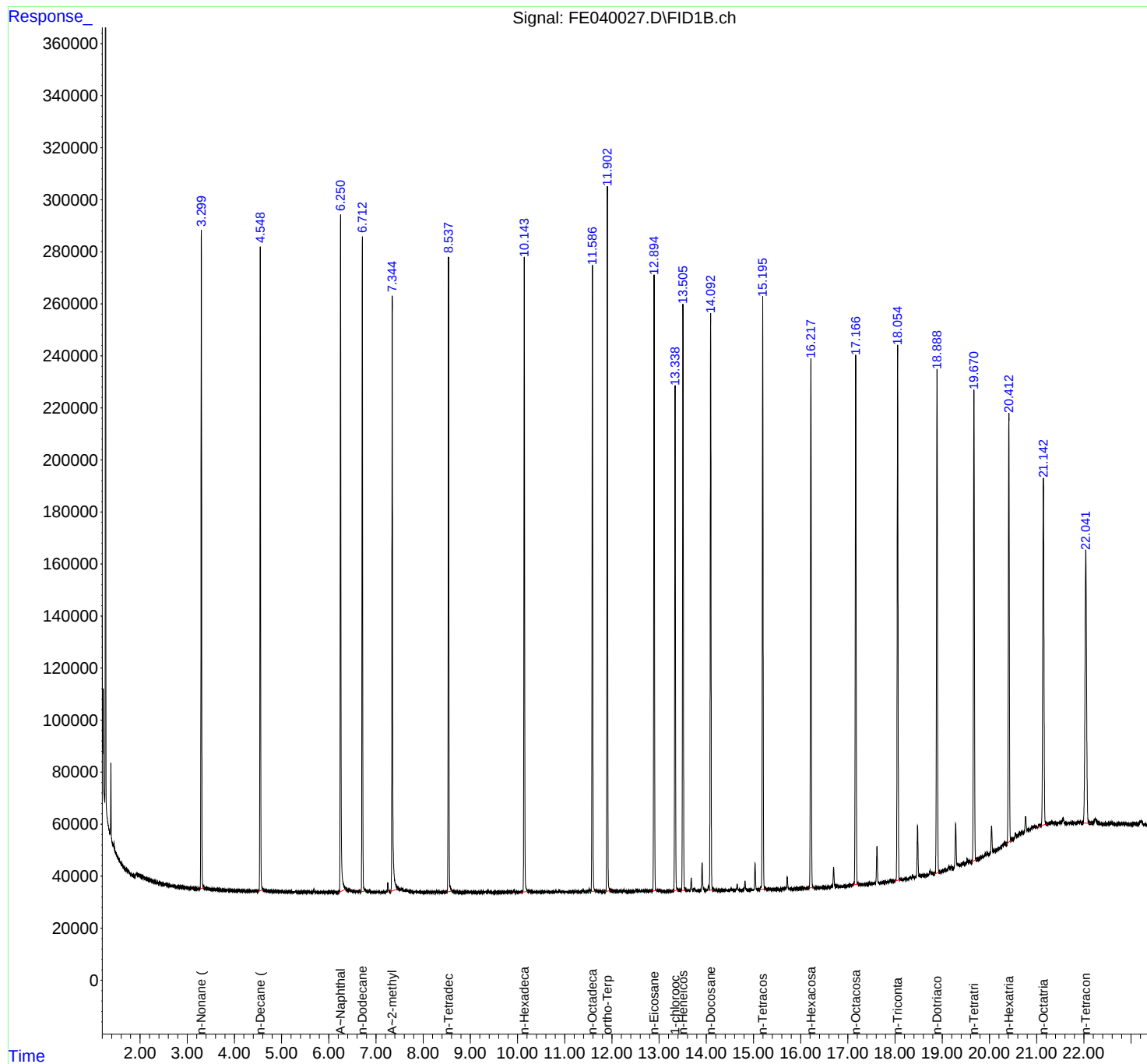
(f)=RT Delta > 1/2 Window

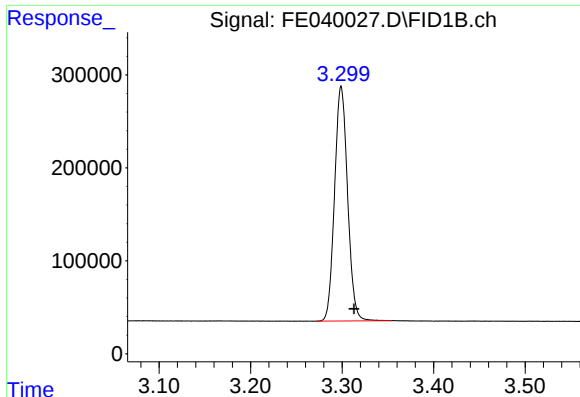
(m)=manual int.

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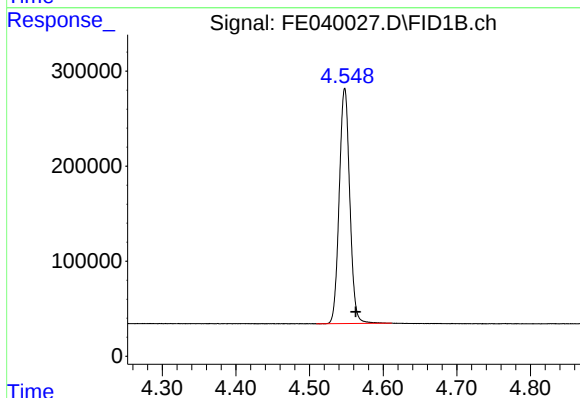
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





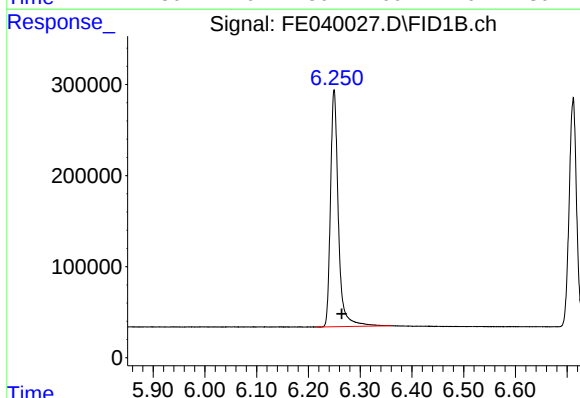
#1 n-Nonane (C9)

R.T.: 3.299 min  
Delta R.T.: -0.014 min  
Response: 2494682  
Conc: 19.65 ug/ml



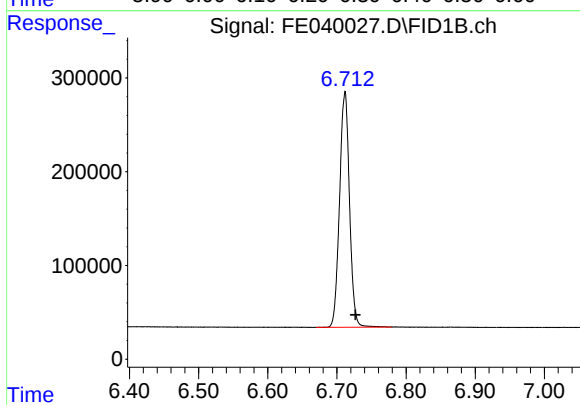
#2 n-Decane (C10)

R.T.: 4.548 min  
Delta R.T.: -0.015 min  
Response: 2457629  
Conc: 19.79 ug/ml



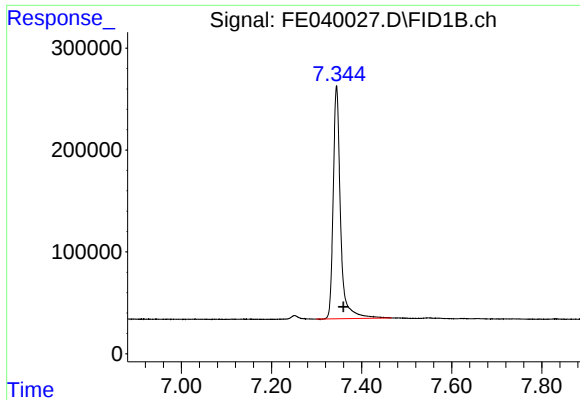
#3 A~Naphthalene (C11.7)

R.T.: 6.250 min  
Delta R.T.: -0.015 min  
Response: 2755391  
Conc: 19.54 ug/ml



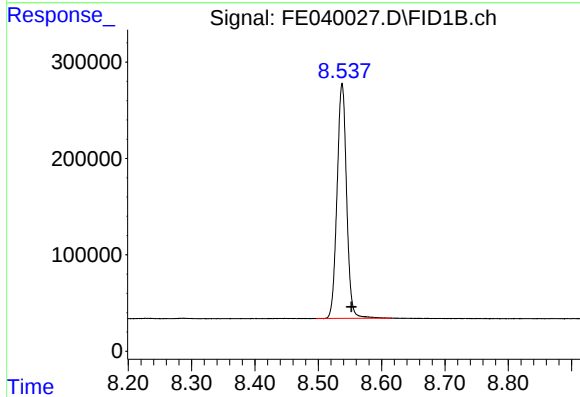
#4 n-Dodecane (C12)

R.T.: 6.712 min  
Delta R.T.: -0.015 min  
Response: 2507750  
Conc: 19.95 ug/ml



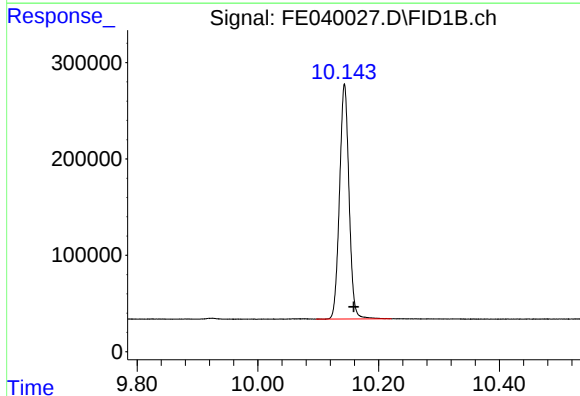
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.345 min  
Delta R.T.: -0.015 min  
Response: 2581007  
Conc: 19.71 ug/ml



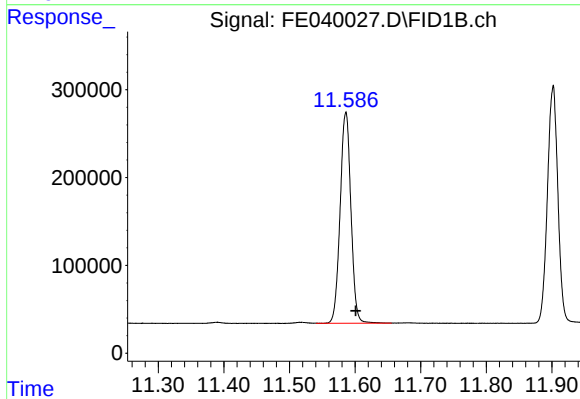
#6 n-Tetradecane (C14)

R.T.: 8.538 min  
Delta R.T.: -0.015 min  
Response: 2554016  
Conc: 19.86 ug/ml



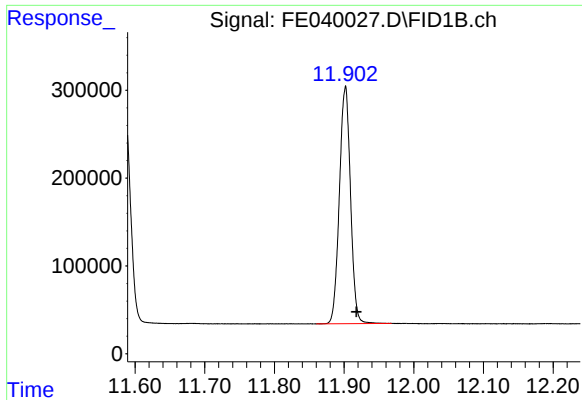
#7 n-Hexadecane (C16)

R.T.: 10.144 min  
Delta R.T.: -0.016 min  
Response: 2660888  
Conc: 19.72 ug/ml



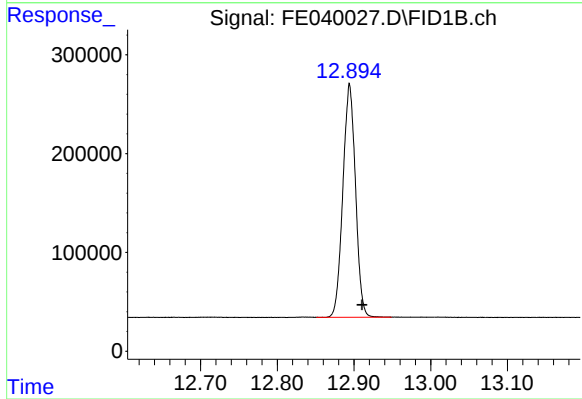
#8 n-Octadecane (C18)

R.T.: 11.586 min  
Delta R.T.: -0.015 min  
Response: 2740931  
Conc: 19.56 ug/ml



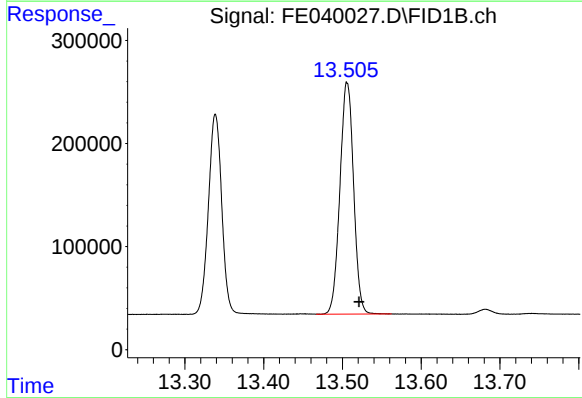
#9 ortho-Terphenyl (SURR)

R.T.: 11.902 min  
Delta R.T.: -0.016 min  
Response: 2994309  
Conc: 19.50 ug/ml



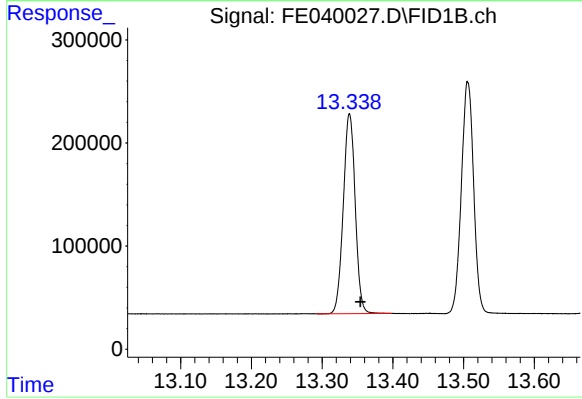
#10 n-Eicosane (C20)

R.T.: 12.894 min  
Delta R.T.: -0.016 min  
Response: 2698316  
Conc: 19.48 ug/ml



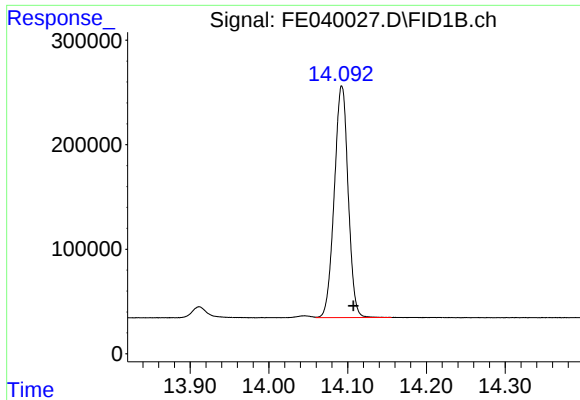
#11 n-Heneicosane (C21)

R.T.: 13.506 min  
Delta R.T.: -0.015 min  
Response: 2713666  
Conc: 19.45 ug/ml



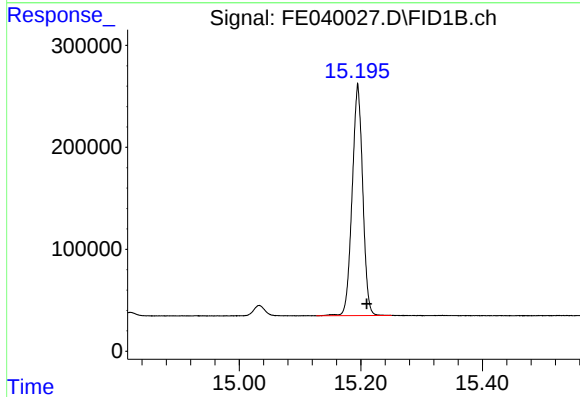
#12 1-chlorooctadecane (SURR)

R.T.: 13.339 min  
Delta R.T.: -0.015 min  
Response: 2275258  
Conc: 19.50 ug/ml



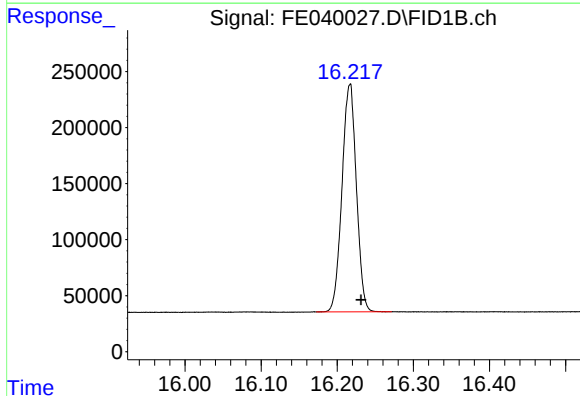
#13 n-Docosane (C22)

R.T.: 14.093 min  
Delta R.T.: -0.015 min  
Response: 2711359  
Conc: 19.53 ug/ml



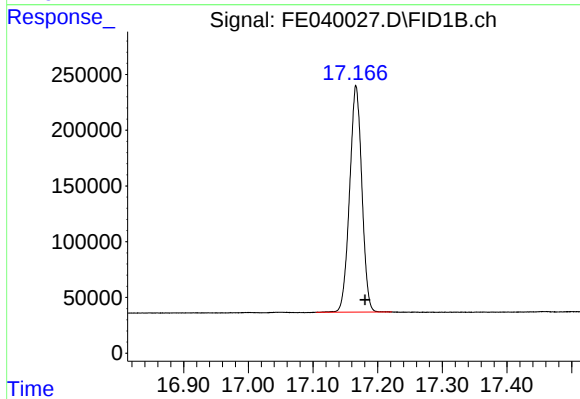
#14 n-Tetracosane (C24)

R.T.: 15.195 min  
Delta R.T.: -0.015 min  
Response: 2733824  
Conc: 19.86 ug/ml



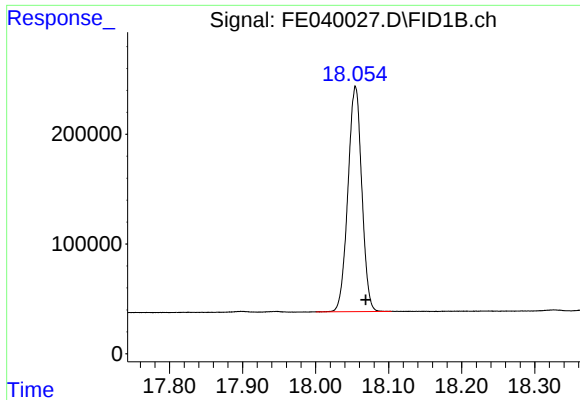
#15 n-Hexacosane (C26)

R.T.: 16.217 min  
Delta R.T.: -0.014 min  
Response: 2672923  
Conc: 20.03 ug/ml



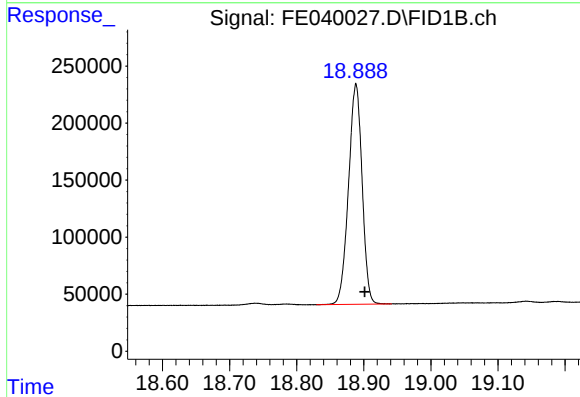
#16 n-Octacosane (C28)

R.T.: 17.167 min  
Delta R.T.: -0.014 min  
Response: 2674988  
Conc: 20.55 ug/ml



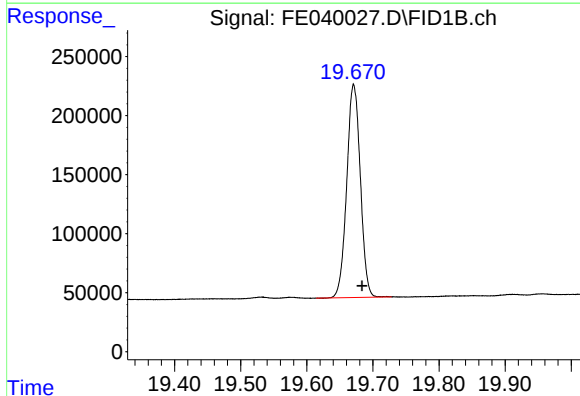
#17 n-Tricontane (C30)

R.T.: 18.055 min  
Delta R.T.: -0.014 min  
Response: 2707553  
Conc: 21.23 ug/ml



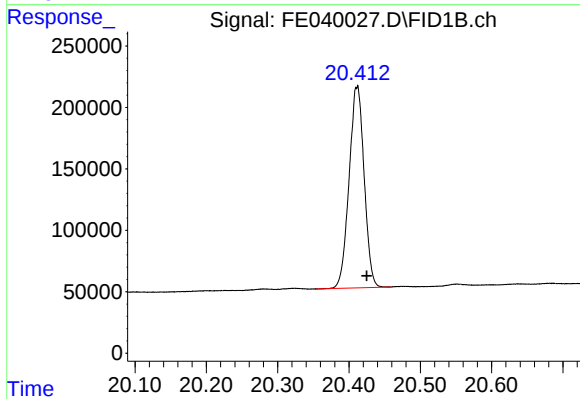
#18 n-Dotriacontane (C32)

R.T.: 18.888 min  
Delta R.T.: -0.013 min  
Response: 2716300  
Conc: 21.49 ug/ml



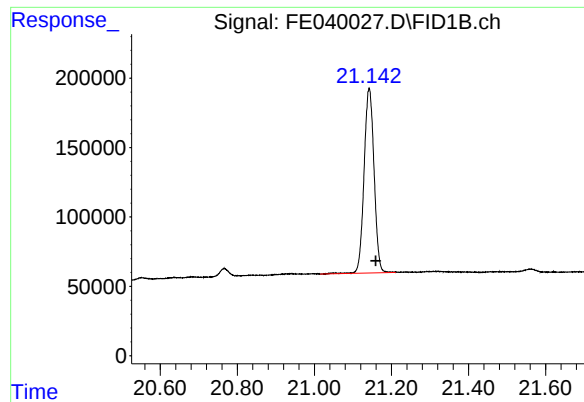
#19 n-Tetratriacontane (C34)

R.T.: 19.671 min  
Delta R.T.: -0.013 min  
Response: 2579457  
Conc: 20.87 ug/ml



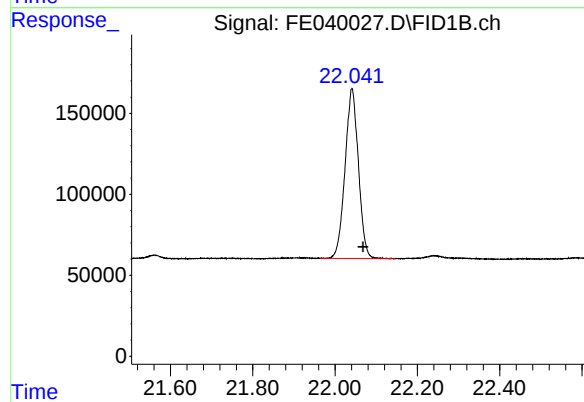
#20 n-Hexatriacontane (C36)

R.T.: 20.411 min  
Delta R.T.: -0.014 min  
Response: 2405464  
Conc: 20.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.142 min  
Delta R.T.: -0.017 min  
Response: 2389062  
Conc: 19.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.041 min  
Delta R.T.: -0.027 min  
Response: 2359329  
Conc: 19.44 ug/ml