

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD091619AL\  
 Data File : FD030680.D  
 Signal(s) : FID2B.CH  
 Acq On : 16 Sep 2019 8:57  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Sep 16 16:34:31 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 090319.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 04 04:22:49 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 11.488 | 2695953    | 18.535 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.07%        |
| 12) S 1-chlorooctadecane (S... | 12.916 | 2013288    | 18.434 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.87%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.304  | 2463443    | 19.736 ug/ml  |
| 2) T n-Decane (C10)            | 4.363  | 2497635    | 19.962 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.936  | 2788973    | 19.888 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.368  | 2528481    | 19.986 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.987  | 2814758    | 19.860 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.152  | 2513851    | 19.753 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.743  | 2499108    | 19.579 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.175 | 2465653    | 19.234 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.475 | 2395481    | 18.797 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.082 | 2380967    | 18.612 ug/ml  |
| 13) T n-Docosane (C22)         | 13.664 | 2330134    | 18.294 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.758 | 2264255    | 17.831 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.772 | 2182861    | 17.549 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.713 | 2122777    | 17.411 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.593 | 2101480    | 17.676 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.419 | 2095649    | 18.277 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.196 | 2045463    | 18.841 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.928 | 2046065    | 19.932 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.635 | 1957100    | 20.169 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.482 | 1970505    | 19.217 ug/ml  |
| -----                          |        |            |               |

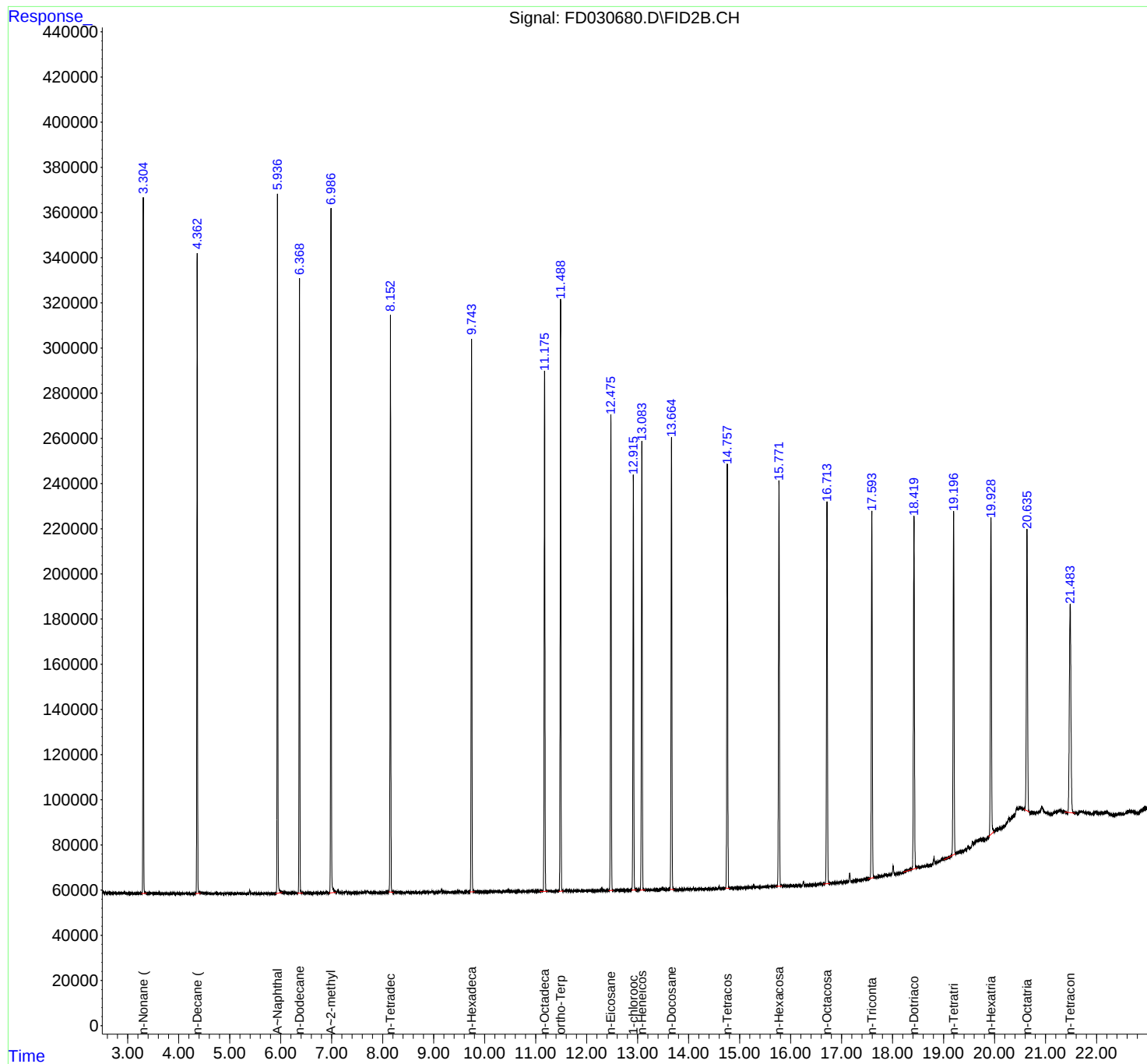
(f)=RT Delta > 1/2 Window

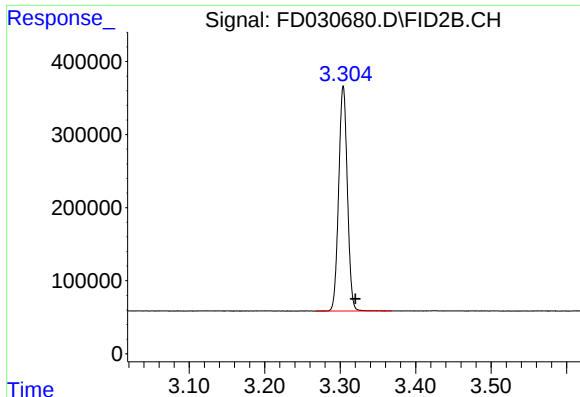
(m)=manual int.

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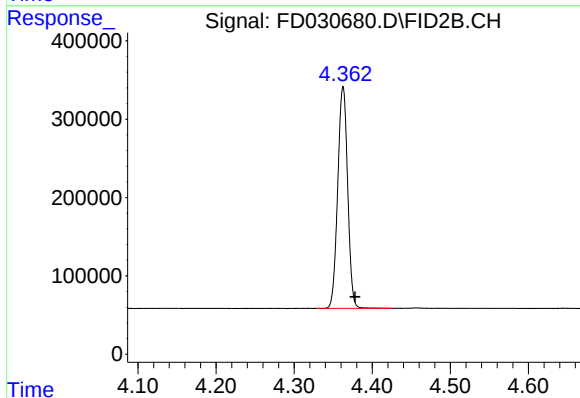
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





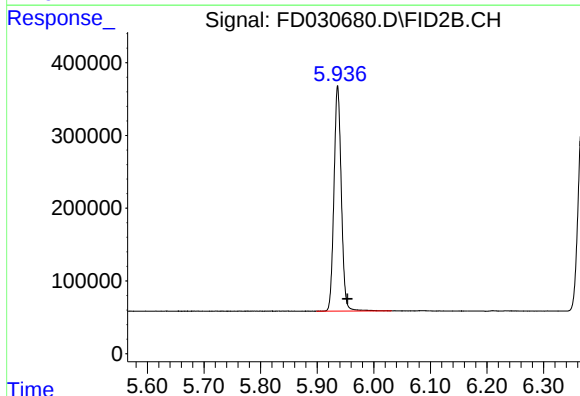
#1 n-Nonane (C9)

R.T.: 3.304 min  
Delta R.T.: -0.016 min  
Response: 2463443  
Conc: 19.74 ug/ml



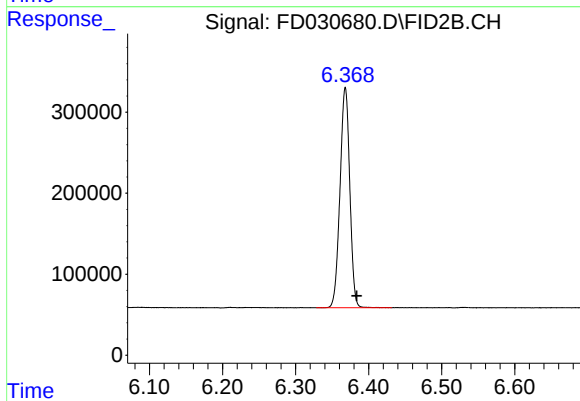
#2 n-Decane (C10)

R.T.: 4.363 min  
Delta R.T.: -0.016 min  
Response: 2497635  
Conc: 19.96 ug/ml



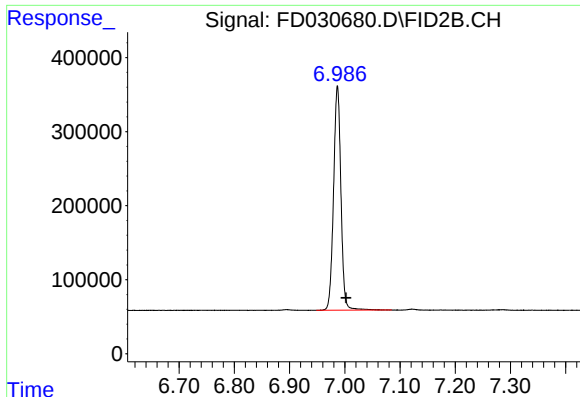
#3 A~Naphthalene (C11.7)

R.T.: 5.936 min  
Delta R.T.: -0.017 min  
Response: 2788973  
Conc: 19.89 ug/ml



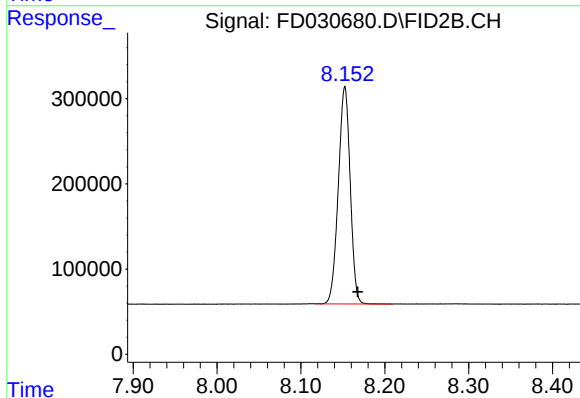
#4 n-Dodecane (C12)

R.T.: 6.368 min  
Delta R.T.: -0.016 min  
Response: 2528481  
Conc: 19.99 ug/ml



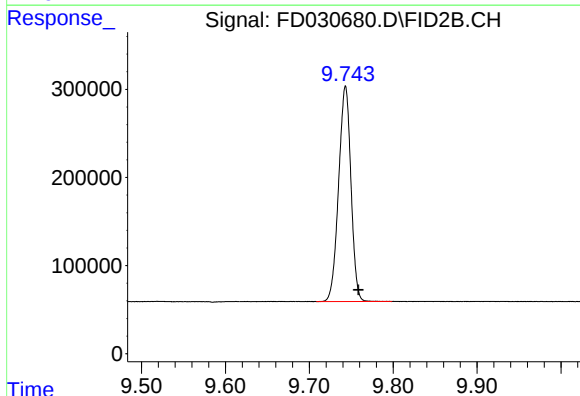
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.987 min  
Delta R.T.: -0.016 min  
Response: 2814758  
Conc: 19.86 ug/ml



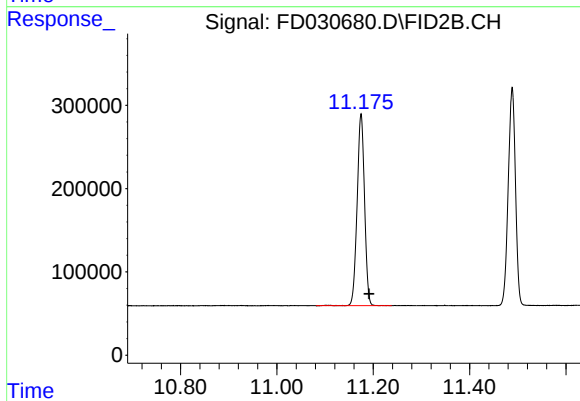
#6 n-Tetradecane (C14)

R.T.: 8.152 min  
Delta R.T.: -0.016 min  
Response: 2513851  
Conc: 19.75 ug/ml



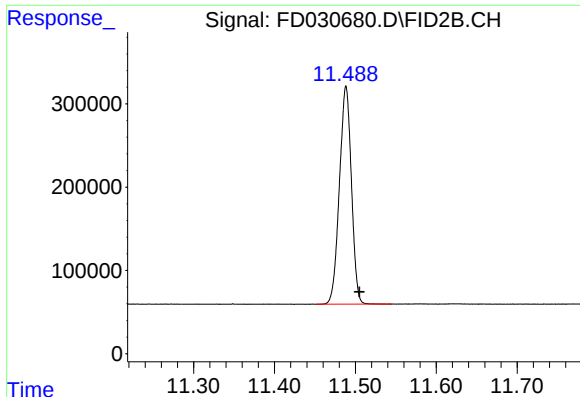
#7 n-Hexadecane (C16)

R.T.: 9.743 min  
Delta R.T.: -0.015 min  
Response: 2499108  
Conc: 19.58 ug/ml



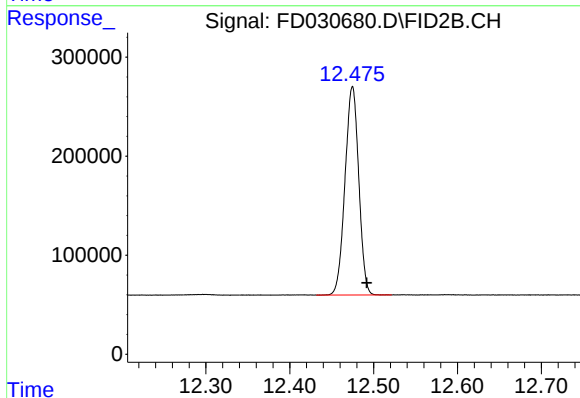
#8 n-Octadecane (C18)

R.T.: 11.175 min  
Delta R.T.: -0.017 min  
Response: 2465653  
Conc: 19.23 ug/ml



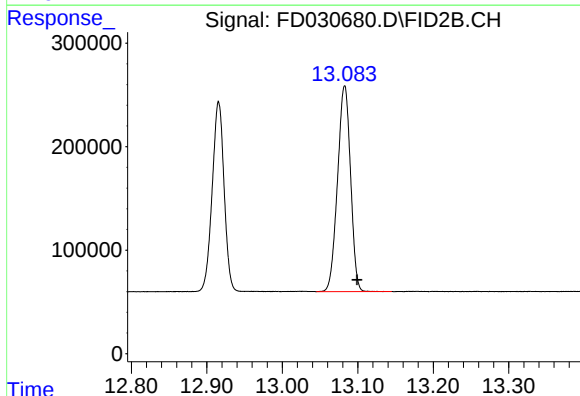
#9 ortho-Terphenyl (SURR)

R.T.: 11.488 min  
Delta R.T.: -0.017 min  
Response: 2695953  
Conc: 18.53 ug/ml



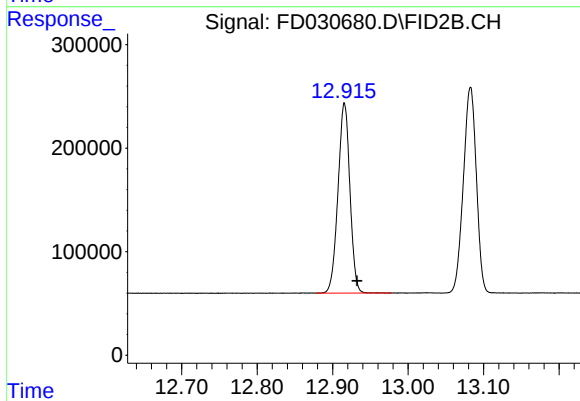
#10 n-Eicosane (C20)

R.T.: 12.475 min  
Delta R.T.: -0.017 min  
Response: 2395481  
Conc: 18.80 ug/ml



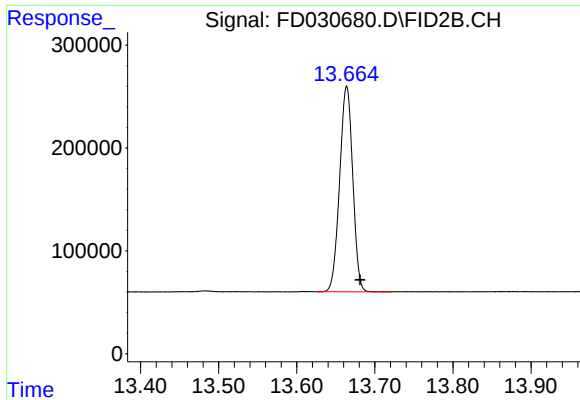
#11 n-Heneicosane (C21)

R.T.: 13.082 min  
Delta R.T.: -0.016 min  
Response: 2380967  
Conc: 18.61 ug/ml



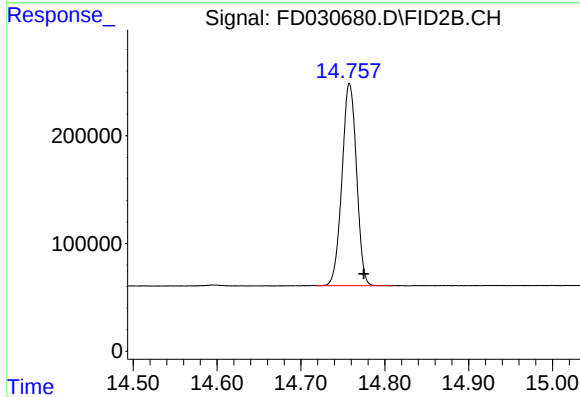
#12 1-chlorooctadecane (SURR)

R.T.: 12.916 min  
Delta R.T.: -0.017 min  
Response: 2013288  
Conc: 18.43 ug/ml



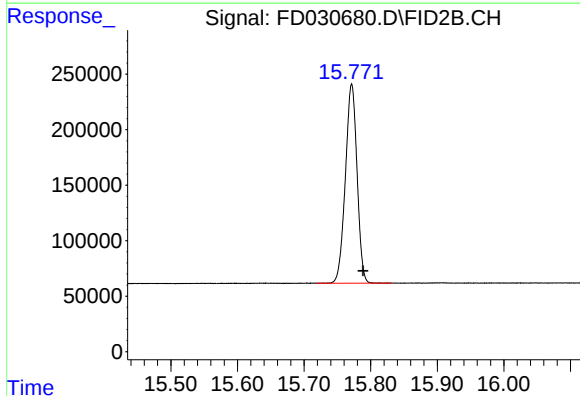
#13 n-Docosane (C22)

R.T.: 13.664 min  
Delta R.T.: -0.017 min  
Response: 2330134  
Conc: 18.29 ug/ml



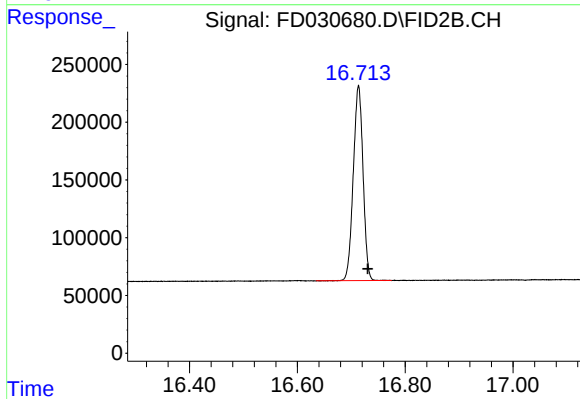
#14 n-Tetracosane (C24)

R.T.: 14.758 min  
Delta R.T.: -0.017 min  
Response: 2264255  
Conc: 17.83 ug/ml



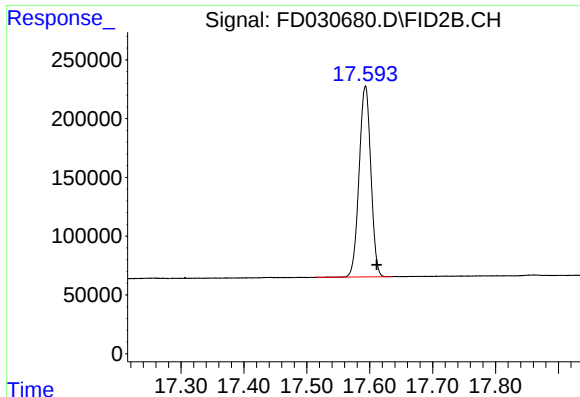
#15 n-Hexacosane (C26)

R.T.: 15.772 min  
Delta R.T.: -0.017 min  
Response: 2182861  
Conc: 17.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.713 min  
Delta R.T.: -0.017 min  
Response: 2122777  
Conc: 17.41 ug/ml



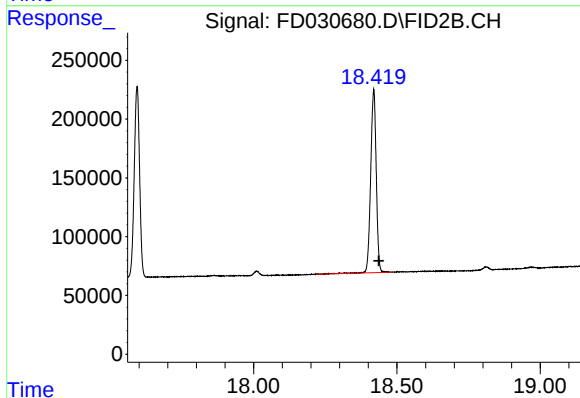
#17 n-Tricontane (C30)

R.T.: 17.593 min

Delta R.T.: -0.018 min

Response: 2101480

Conc: 17.68 ug/ml



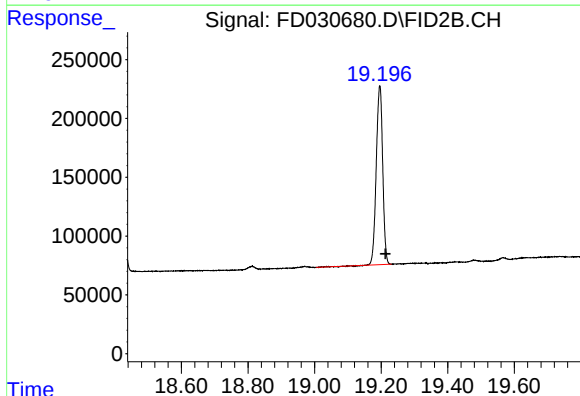
#18 n-Dotriacontane (C32)

R.T.: 18.419 min

Delta R.T.: -0.017 min

Response: 2095649

Conc: 18.28 ug/ml



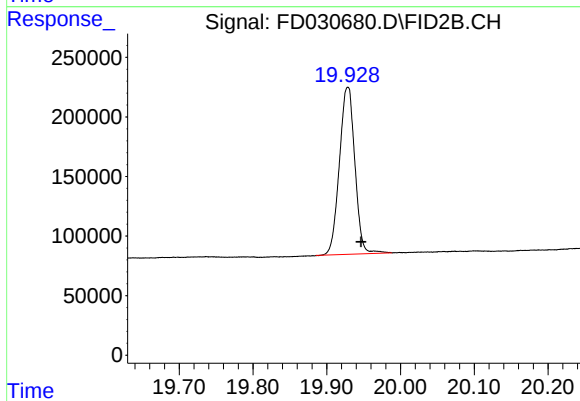
#19 n-Tetratriacontane (C34)

R.T.: 19.196 min

Delta R.T.: -0.017 min

Response: 2045463

Conc: 18.84 ug/ml



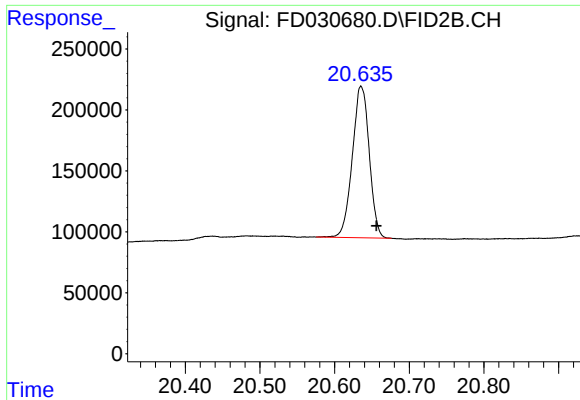
#20 n-Hexatriacontane (C36)

R.T.: 19.928 min

Delta R.T.: -0.019 min

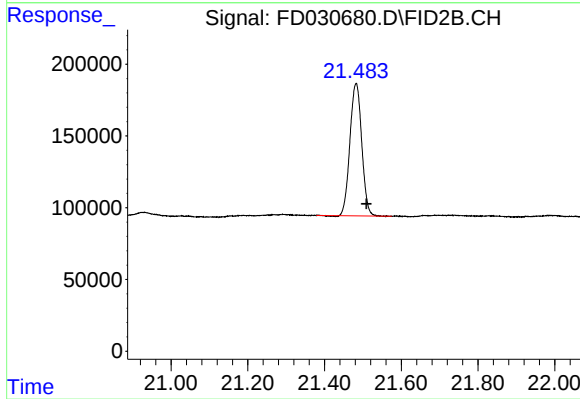
Response: 2046065

Conc: 19.93 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.635 min  
Delta R.T.: -0.021 min  
Response: 1957100  
Conc: 20.17 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.482 min  
Delta R.T.: -0.027 min  
Response: 1970505  
Conc: 19.22 ug/ml