

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD091619AL\  
 Data File : FD030700.D  
 Signal(s) : FID2B.CH  
 Acq On : 16 Sep 2019 22:31  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Sep 17 04:03:50 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)    | 11.486 | 2812036    | 19.333 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.67%        |
| 12) S 1-chlorooctadecane (S... | 12.913 | 2104448    | 19.269 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.54%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.302  | 2565038    | 20.550 ug/ml  |
| 2) T n-Decane (C10)            | 4.360  | 2598401    | 20.767 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.934  | 2899972    | 20.680 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.366  | 2630319    | 20.790 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.984  | 2941829    | 20.757 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.150  | 2632751    | 20.687 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.741  | 2612467    | 20.467 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.172 | 2569607    | 20.045 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.472 | 2502350    | 19.636 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.080 | 2484499    | 19.421 ug/ml  |
| 13) T n-Docosane (C22)         | 13.661 | 2438881    | 19.148 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.755 | 2382518    | 18.762 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.769 | 2288654    | 18.399 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.710 | 2228011    | 18.274 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.590 | 2225382    | 18.718 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.416 | 2166438    | 18.894 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.193 | 2137213    | 19.686 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.926 | 2106500    | 20.521 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.633 | 2091630    | 21.556 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.478 | 2042393    | 19.918 ug/ml  |
| -----                          |        |            |               |

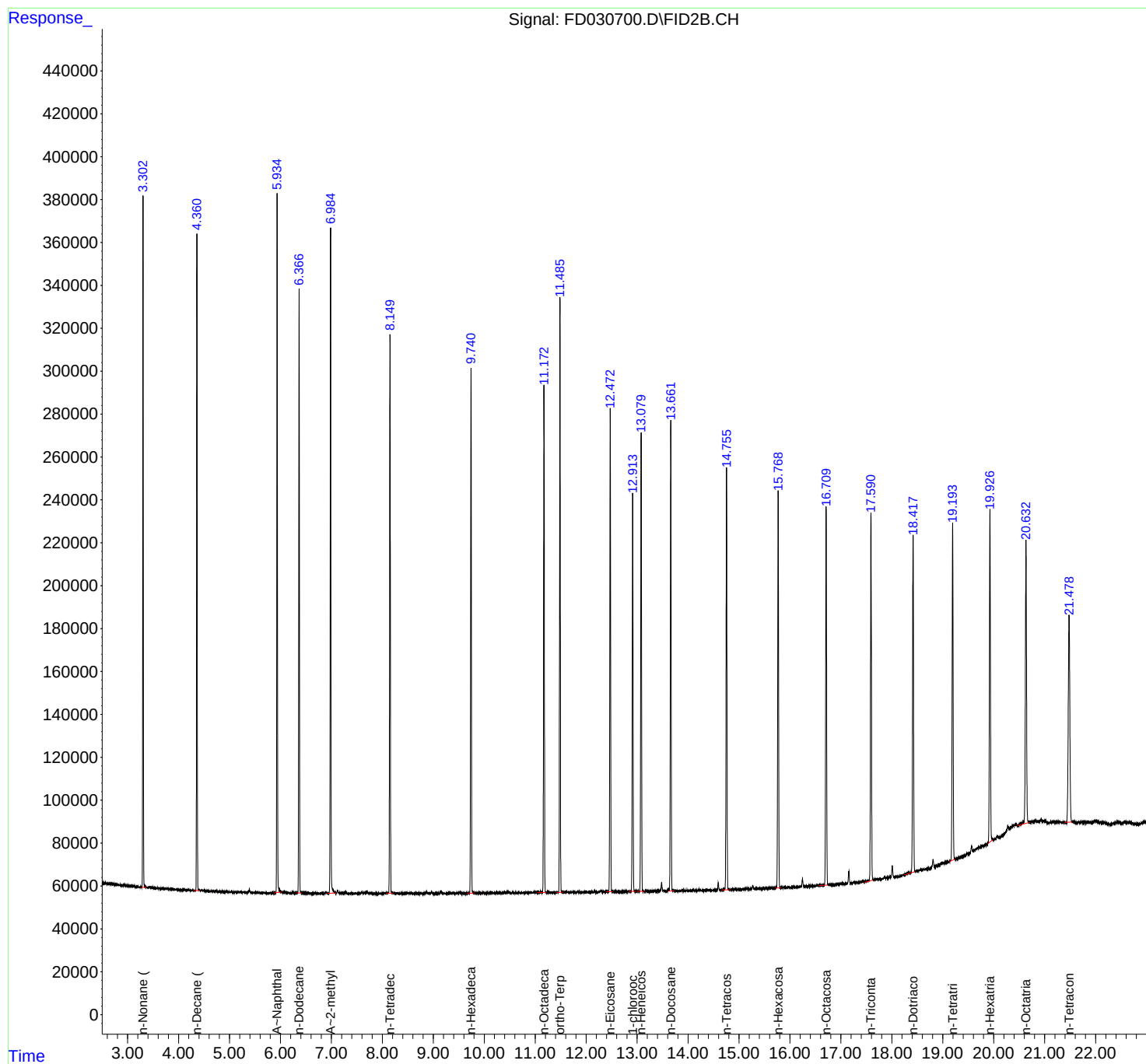
(f)=RT Delta > 1/2 Window

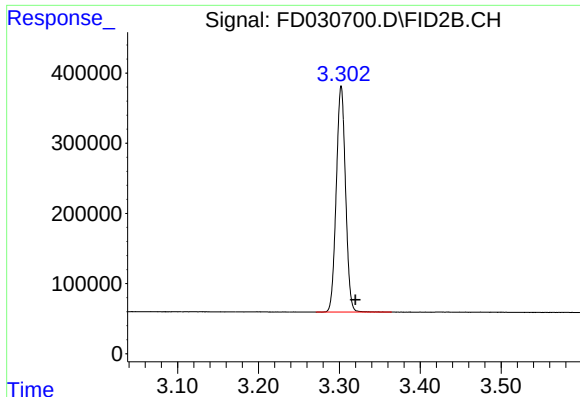
(m)=manual int.

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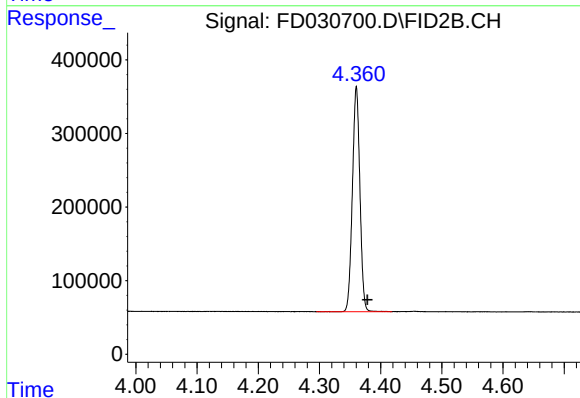
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





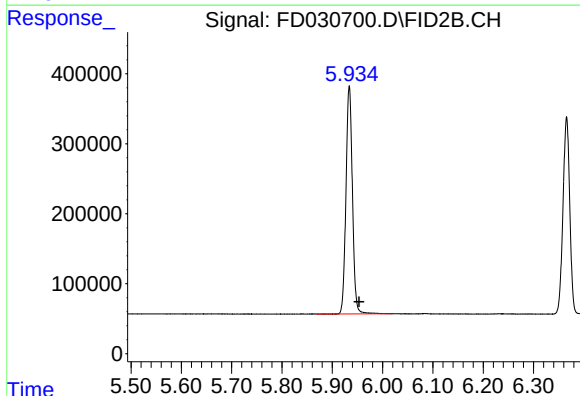
#1 n-Nonane (C9)

R.T.: 3.302 min  
Delta R.T.: -0.018 min  
Response: 2565038  
Conc: 20.55 ug/ml



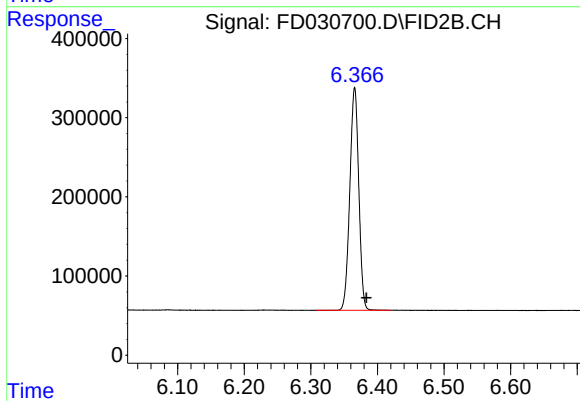
#2 n-Decane (C10)

R.T.: 4.360 min  
Delta R.T.: -0.018 min  
Response: 2598401  
Conc: 20.77 ug/ml



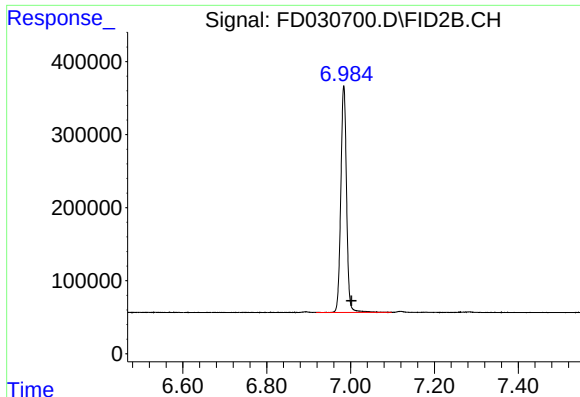
#3 A~Naphthalene (C11.7)

R.T.: 5.934 min  
Delta R.T.: -0.019 min  
Response: 2899972  
Conc: 20.68 ug/ml



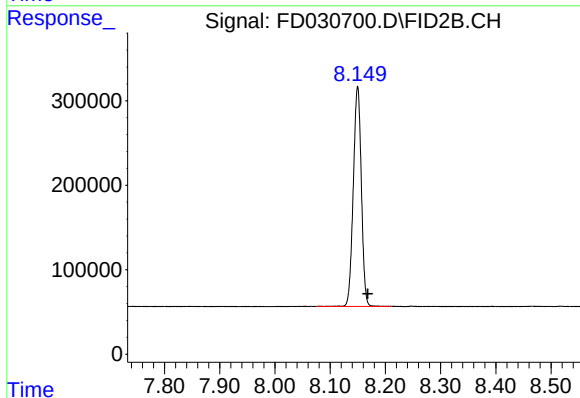
#4 n-Dodecane (C12)

R.T.: 6.366 min  
Delta R.T.: -0.018 min  
Response: 2630319  
Conc: 20.79 ug/ml



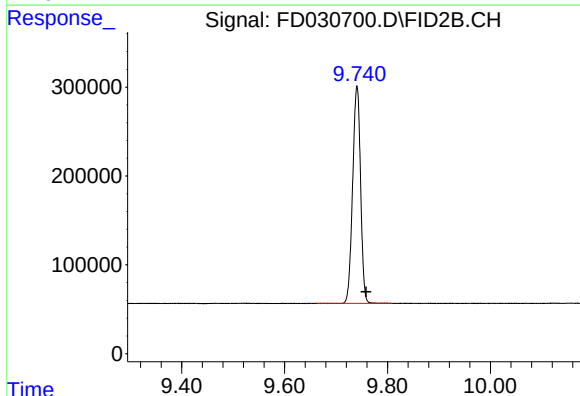
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.984 min  
Delta R.T.: -0.018 min  
Response: 2941829  
Conc: 20.76 ug/ml



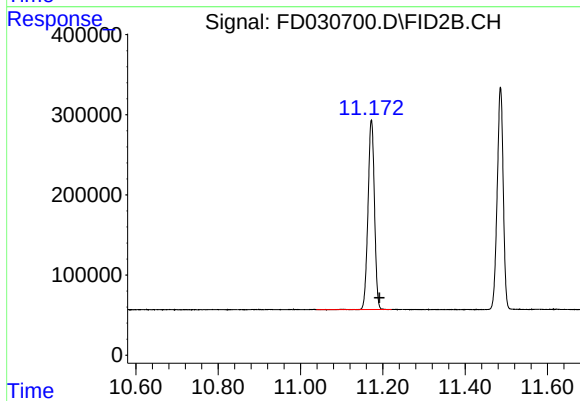
#6 n-Tetradecane (C14)

R.T.: 8.150 min  
Delta R.T.: -0.018 min  
Response: 2632751  
Conc: 20.69 ug/ml



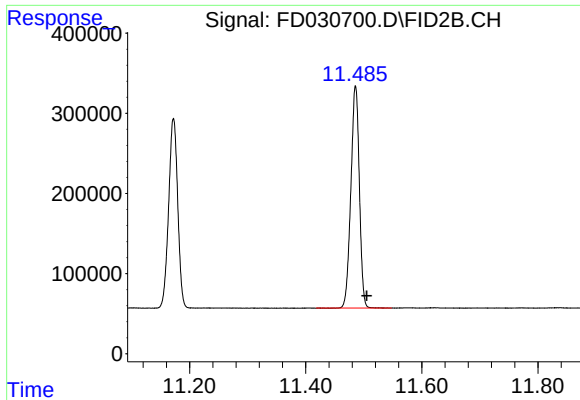
#7 n-Hexadecane (C16)

R.T.: 9.741 min  
Delta R.T.: -0.018 min  
Response: 2612467  
Conc: 20.47 ug/ml



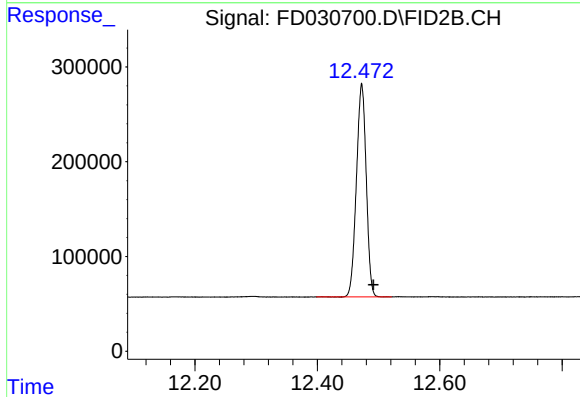
#8 n-Octadecane (C18)

R.T.: 11.172 min  
Delta R.T.: -0.019 min  
Response: 2569607  
Conc: 20.04 ug/ml



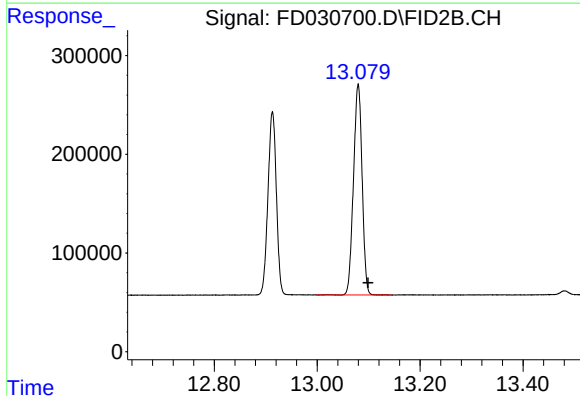
#9 ortho-Terphenyl (SURR)

R.T.: 11.486 min  
Delta R.T.: -0.019 min  
Response: 2812036  
Conc: 19.33 ug/ml



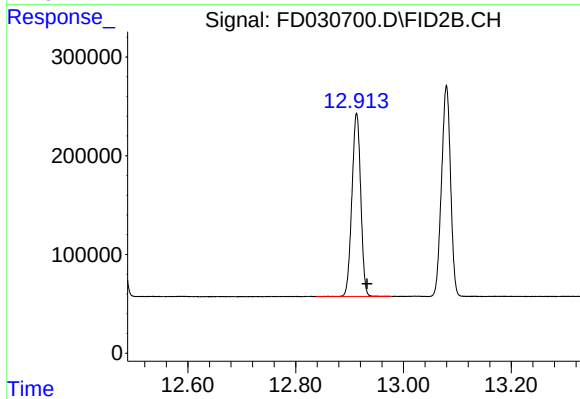
#10 n-Eicosane (C20)

R.T.: 12.472 min  
Delta R.T.: -0.019 min  
Response: 2502350  
Conc: 19.64 ug/ml



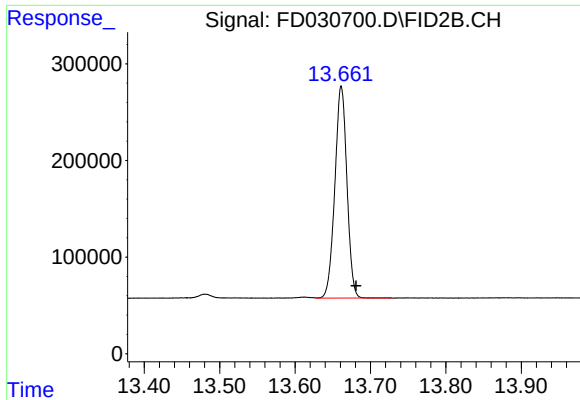
#11 n-Heneicosane (C21)

R.T.: 13.080 min  
Delta R.T.: -0.019 min  
Response: 2484499  
Conc: 19.42 ug/ml



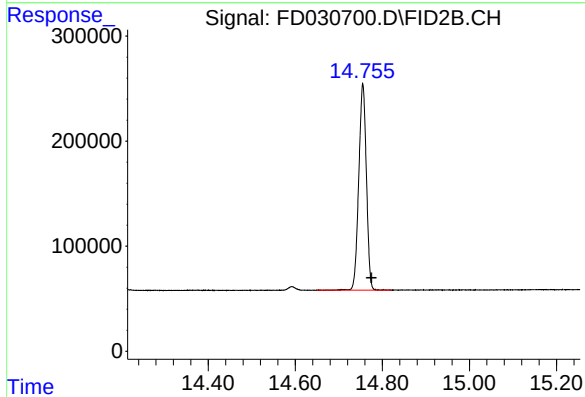
#12 1-chlorooctadecane (SURR)

R.T.: 12.913 min  
Delta R.T.: -0.019 min  
Response: 2104448  
Conc: 19.27 ug/ml



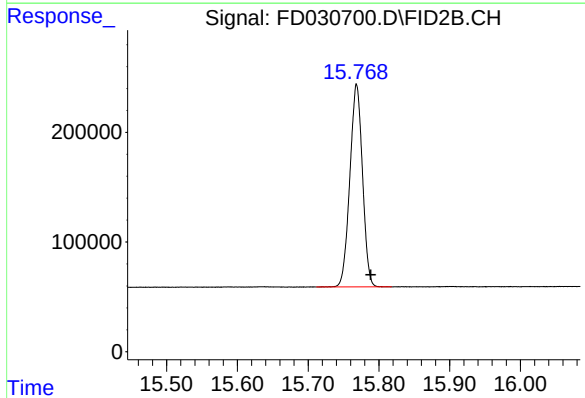
#13 n-Docosane (C22)

R.T.: 13.661 min  
Delta R.T.: -0.020 min  
Response: 2438881  
Conc: 19.15 ug/ml



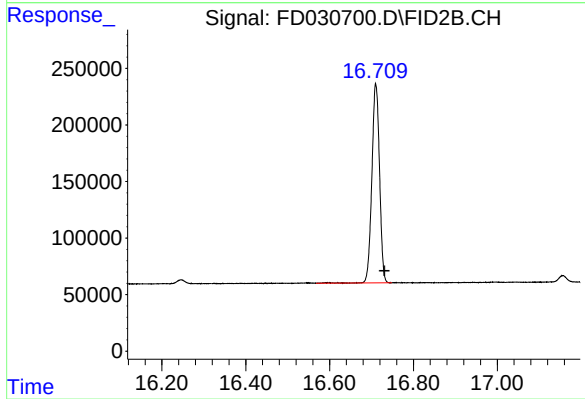
#14 n-Tetracosane (C24)

R.T.: 14.755 min  
Delta R.T.: -0.020 min  
Response: 2382518  
Conc: 18.76 ug/ml



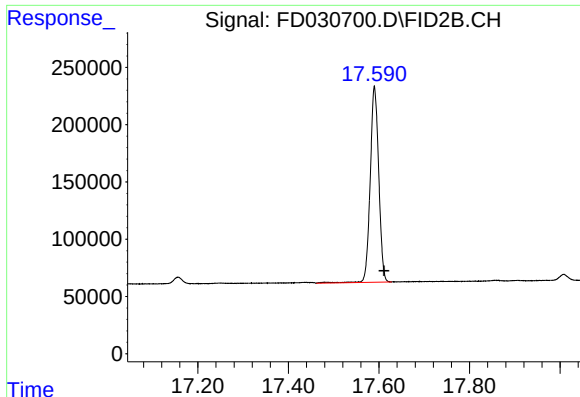
#15 n-Hexacosane (C26)

R.T.: 15.769 min  
Delta R.T.: -0.020 min  
Response: 2288654  
Conc: 18.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.710 min  
Delta R.T.: -0.020 min  
Response: 2228011  
Conc: 18.27 ug/ml



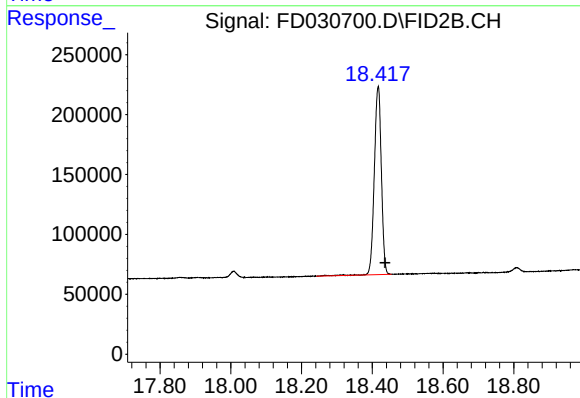
#17 n-Tricontane (C30)

R.T.: 17.590 min

Delta R.T.: -0.021 min

Response: 2225382

Conc: 18.72 ug/ml



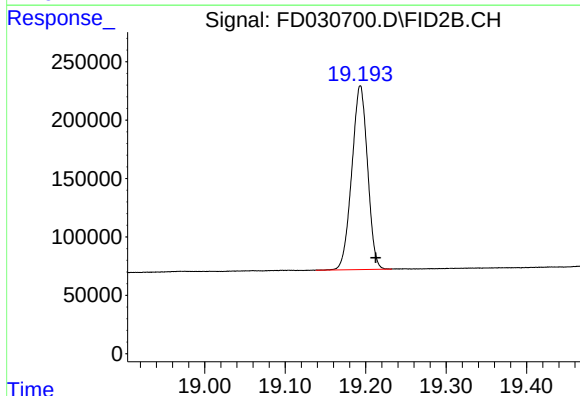
#18 n-Dotriacontane (C32)

R.T.: 18.416 min

Delta R.T.: -0.020 min

Response: 2166438

Conc: 18.89 ug/ml



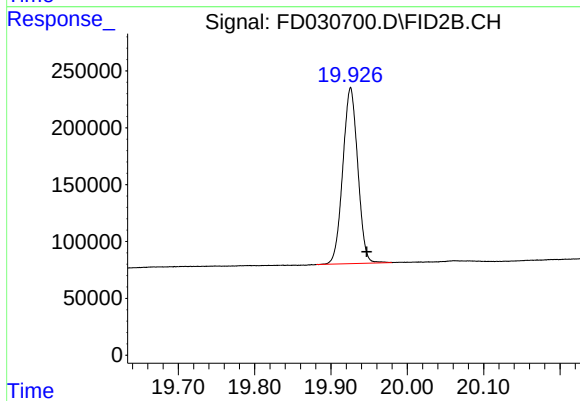
#19 n-Tetratriacontane (C34)

R.T.: 19.193 min

Delta R.T.: -0.019 min

Response: 2137213

Conc: 19.69 ug/ml m



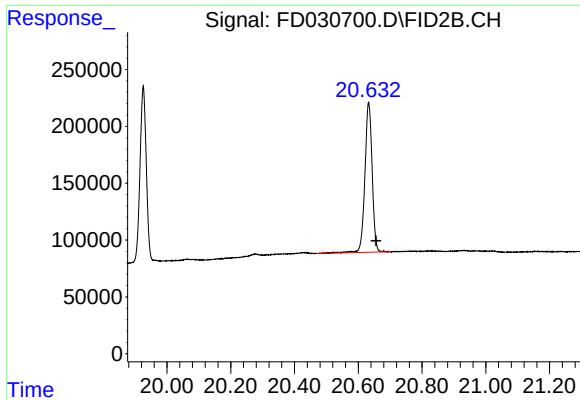
#20 n-Hexatriacontane (C36)

R.T.: 19.926 min

Delta R.T.: -0.021 min

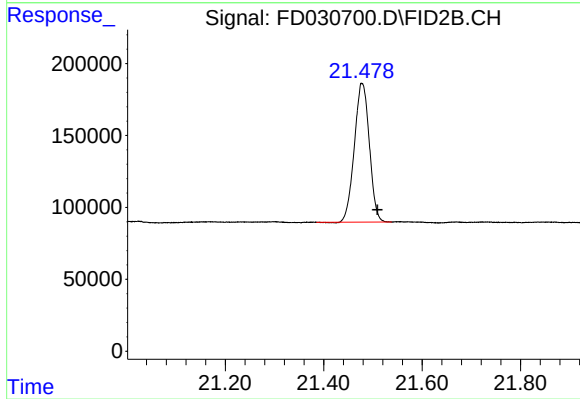
Response: 2106500

Conc: 20.52 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.633 min  
Delta R.T.: -0.023 min  
Response: 2091630  
Conc: 21.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.478 min  
Delta R.T.: -0.031 min  
Response: 2042393  
Conc: 19.92 ug/ml