

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD122321AL\  
 Data File : FD040128.D  
 Signal(s) : FID2B.CH  
 Acq On : 23 Dec 2021 14:50  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 23 15:40:54 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 122321.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 23 13:40:18 2021  
 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)    | 10.727 | 3109094    | 20.630 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.26%       |
| 12) S 1-chlorooctadecane (S... | 12.162 | 2454200    | 20.785 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.57%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.644  | 2719092    | 20.699 ug/ml |
| 2) T n-Decane (C10)            | 3.640  | 2733177    | 20.652 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.183  | 3072061    | 20.652 ug/ml |
| 4) T n-Dodecane (C12)          | 5.617  | 2712125    | 20.628 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.225  | 3075338    | 20.644 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.397  | 2718722    | 20.636 ug/ml |
| 7) T n-Hexadecane (C16)        | 8.987  | 2755058    | 20.678 ug/ml |
| 8) T n-Octadecane (C18)        | 10.420 | 2873106    | 20.640 ug/ml |
| 10) T n-Eicosane (C20)         | 11.723 | 2906004    | 20.742 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.332 | 2942692    | 20.712 ug/ml |
| 13) T n-Docosane (C22)         | 12.915 | 2955348    | 20.865 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.012 | 3012717    | 21.126 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.028 | 2899012    | 21.343 ug/ml |
| 16) T n-Octacosane (C28)       | 15.974 | 2752189    | 21.437 ug/ml |
| 17) T n-Tricontane (C30)       | 16.858 | 2545353    | 21.195 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.687 | 2337720    | 20.744 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.467 | 2280316    | 20.861 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.205 | 2156014    | 21.045 ug/ml |
| 21) T n-Octatriacontane (C38)  | 19.913 | 2018130    | 21.046 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.751 | 1644027    | 21.147 ug/ml |
| -----                          |        |            |              |

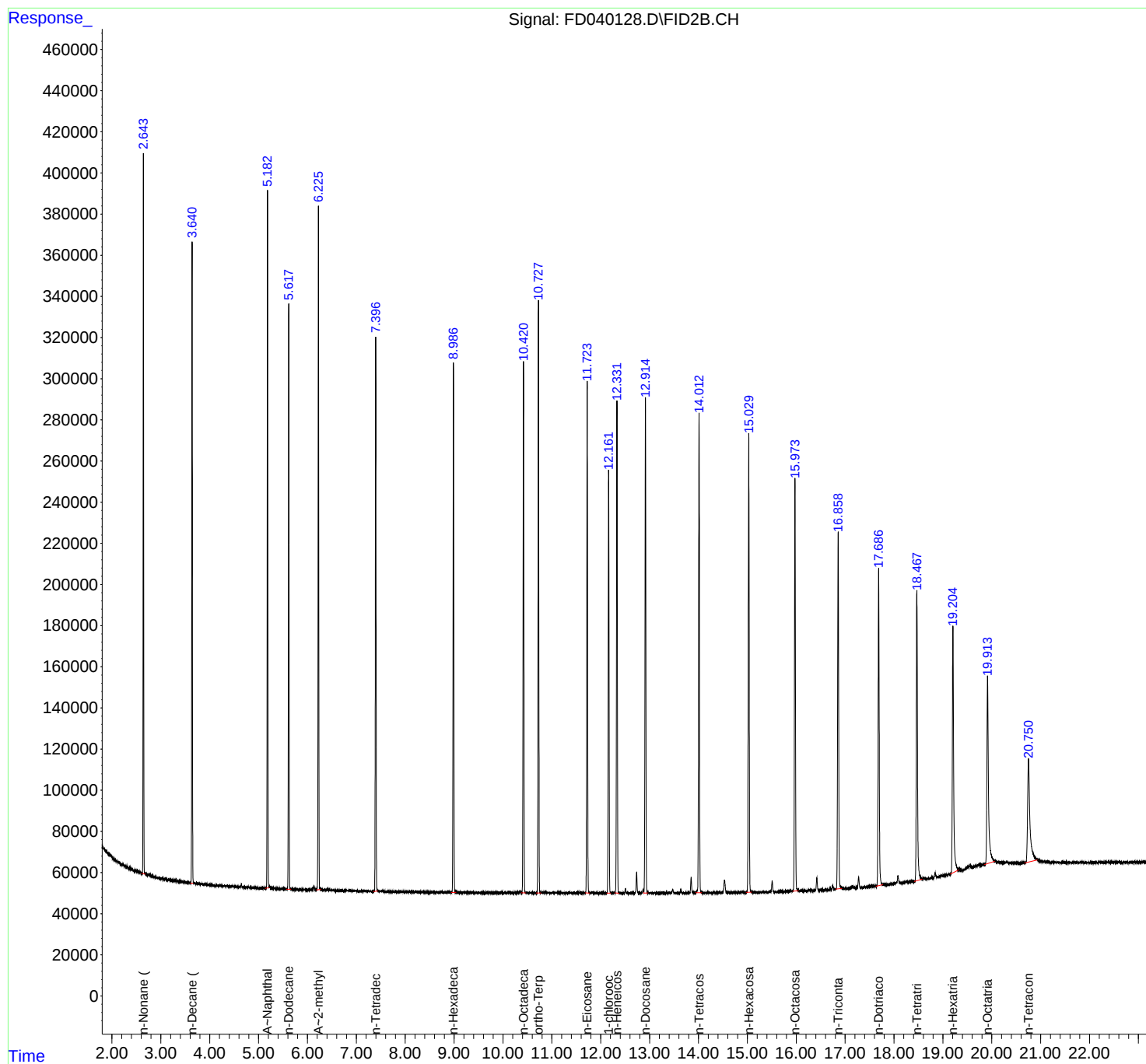
(f)=RT Delta > 1/2 Window

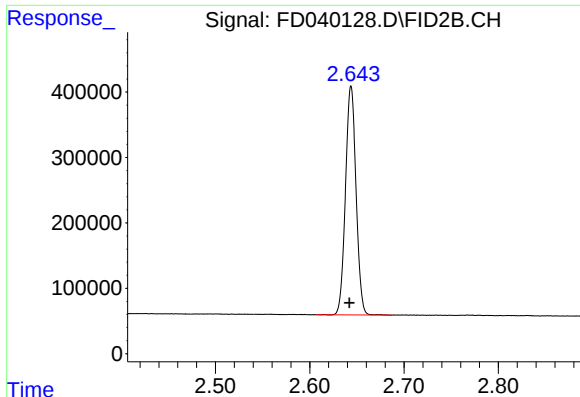
(m)=manual int.

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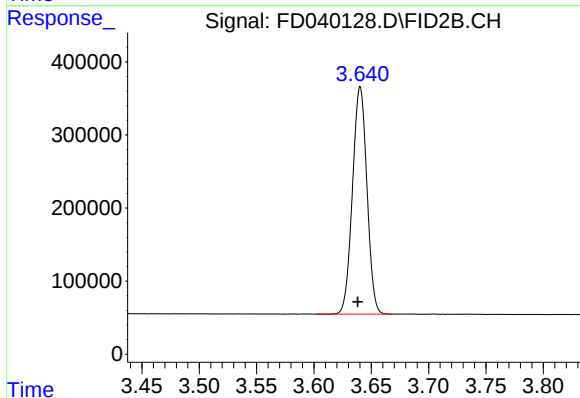
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Signal Info : 20M x 0.18mm x 0.18um





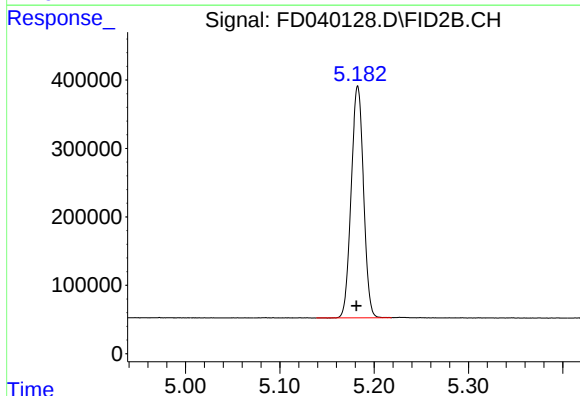
#1 n-Nonane (C9)

R.T.: 2.644 min  
Delta R.T.: 0.002 min  
Response: 2719092  
Conc: 20.70 ug/ml



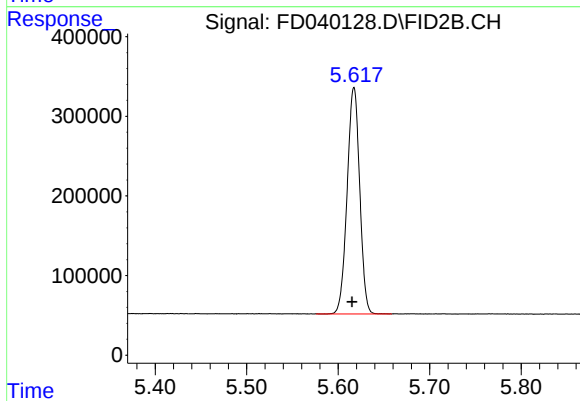
#2 n-Decane (C10)

R.T.: 3.640 min  
Delta R.T.: 0.002 min  
Response: 2733177  
Conc: 20.65 ug/ml



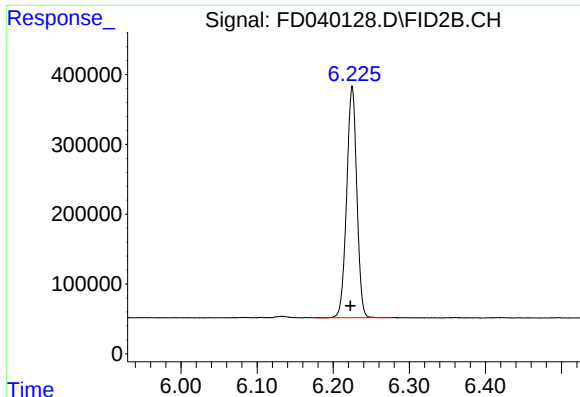
#3 A~Naphthalene (C11.7)

R.T.: 5.183 min  
Delta R.T.: 0.002 min  
Response: 3072061  
Conc: 20.65 ug/ml



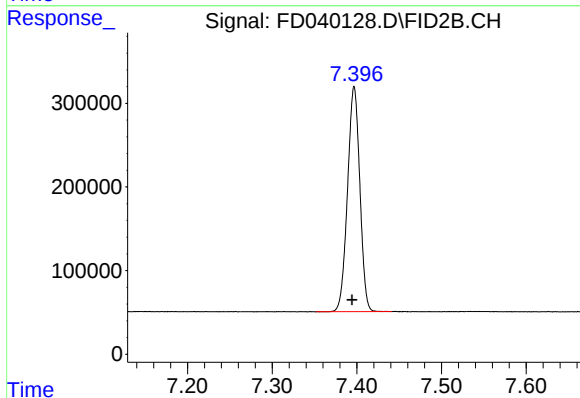
#4 n-Dodecane (C12)

R.T.: 5.617 min  
Delta R.T.: 0.002 min  
Response: 2712125  
Conc: 20.63 ug/ml



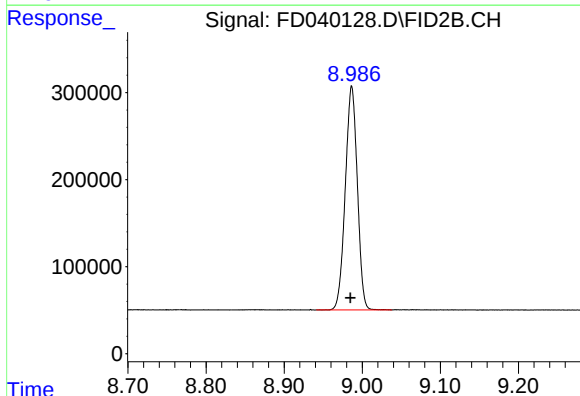
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.225 min  
Delta R.T.: 0.002 min  
Response: 3075338  
Conc: 20.64 ug/ml



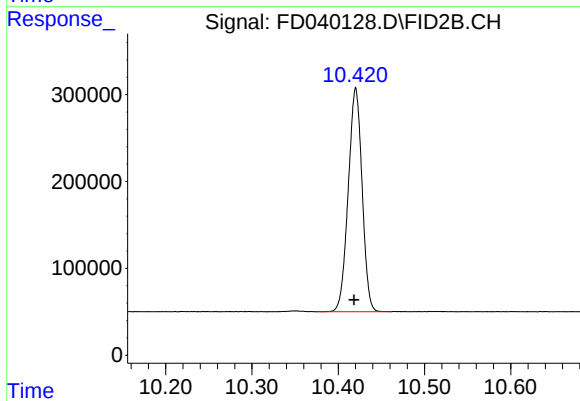
#6 n-Tetradecane (C14)

R.T.: 7.397 min  
Delta R.T.: 0.003 min  
Response: 2718722  
Conc: 20.64 ug/ml



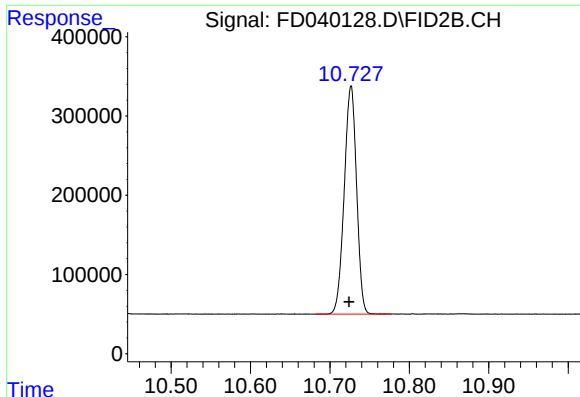
#7 n-Hexadecane (C16)

R.T.: 8.987 min  
Delta R.T.: 0.002 min  
Response: 2755058  
Conc: 20.68 ug/ml



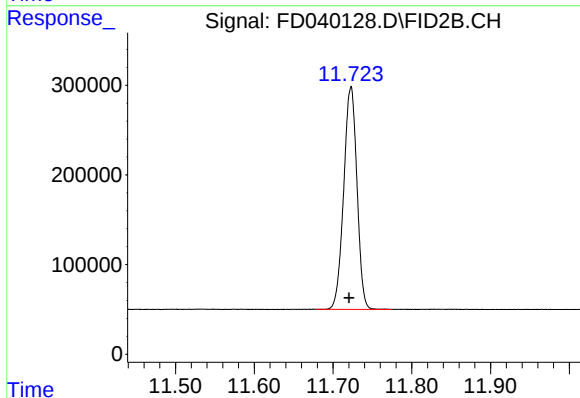
#8 n-Octadecane (C18)

R.T.: 10.420 min  
Delta R.T.: 0.002 min  
Response: 2873106  
Conc: 20.64 ug/ml



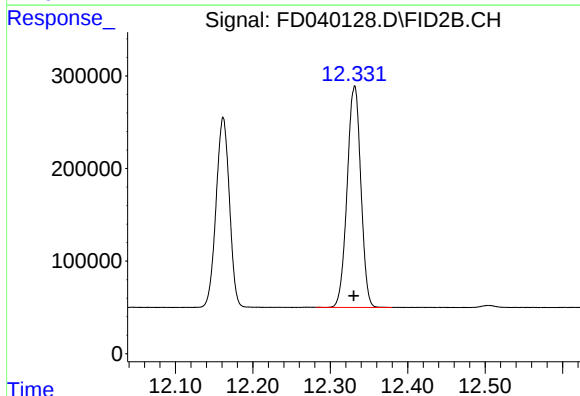
#9 ortho-Terphenyl (SURR)

R.T.: 10.727 min  
Delta R.T.: 0.003 min  
Response: 3109094  
Conc: 20.63 ug/ml



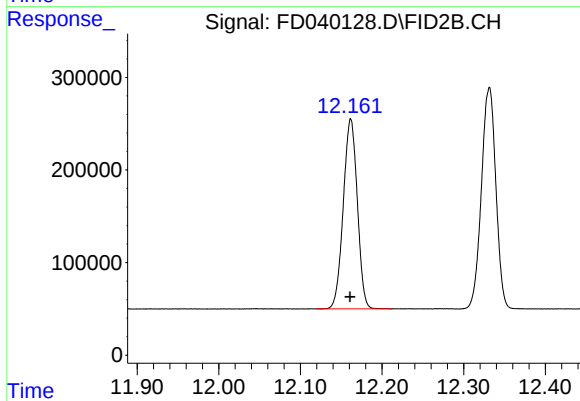
#10 n-Eicosane (C20)

R.T.: 11.723 min  
Delta R.T.: 0.002 min  
Response: 2906004  
Conc: 20.74 ug/ml



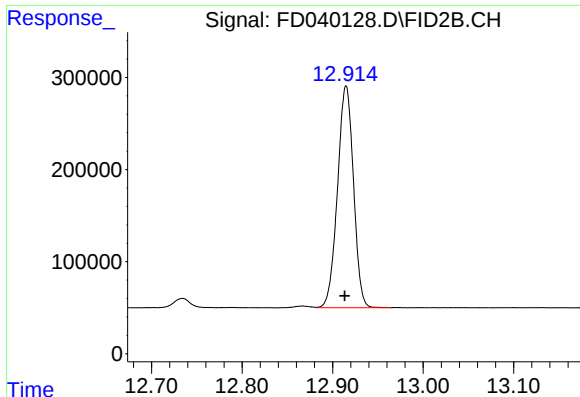
#11 n-Heneicosane (C21)

R.T.: 12.332 min  
Delta R.T.: 0.001 min  
Response: 2942692  
Conc: 20.71 ug/ml



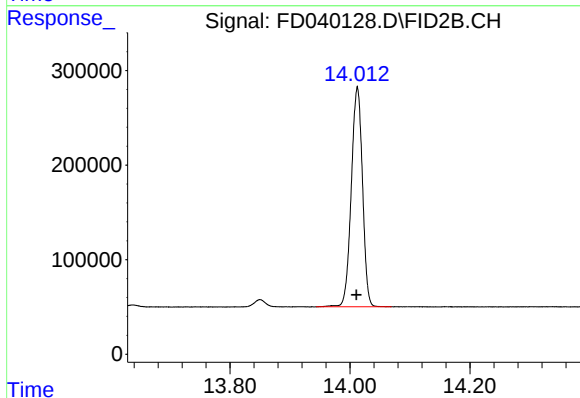
#12 1-chlorooctadecane (SURR)

R.T.: 12.162 min  
Delta R.T.: 0.000 min  
Response: 2454200  
Conc: 20.79 ug/ml



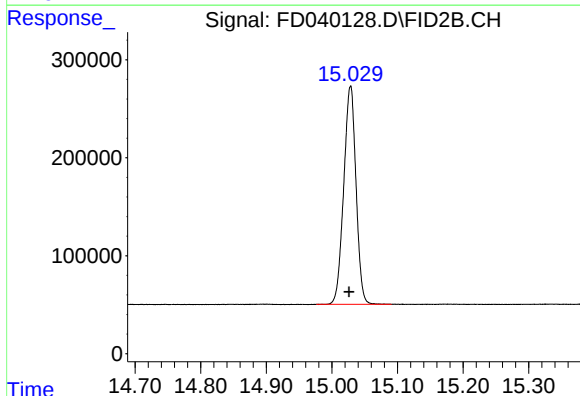
#13 n-Docosane (C22)

R.T.: 12.915 min  
Delta R.T.: 0.002 min  
Response: 2955348  
Conc: 20.86 ug/ml



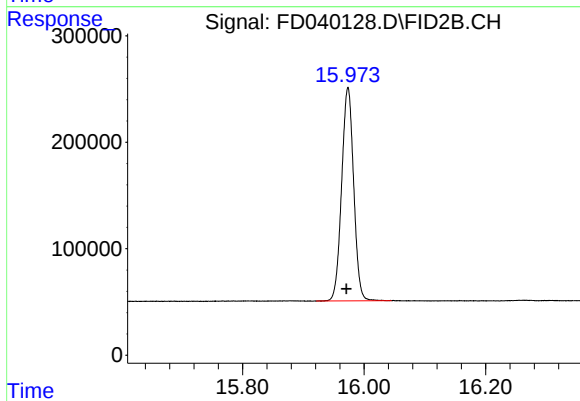
#14 n-Tetracosane (C24)

R.T.: 14.012 min  
Delta R.T.: 0.002 min  
Response: 3012717  
Conc: 21.13 ug/ml



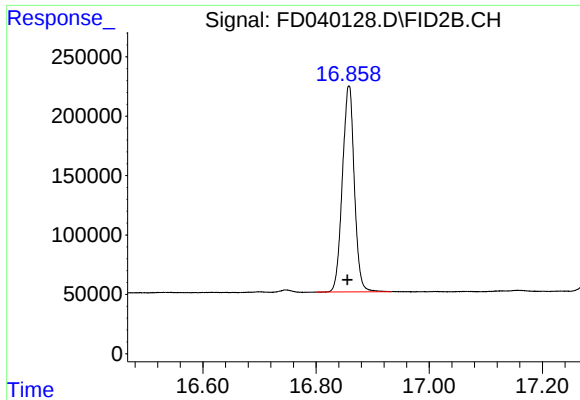
#15 n-Hexacosane (C26)

R.T.: 15.028 min  
Delta R.T.: 0.003 min  
Response: 2899012  
Conc: 21.34 ug/ml



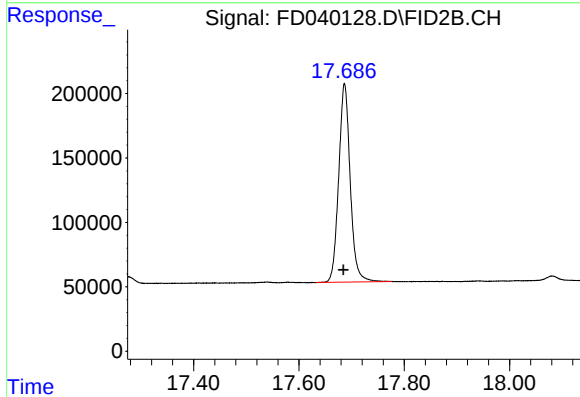
#16 n-Octacosane (C28)

R.T.: 15.974 min  
Delta R.T.: 0.002 min  
Response: 2752189  
Conc: 21.44 ug/ml



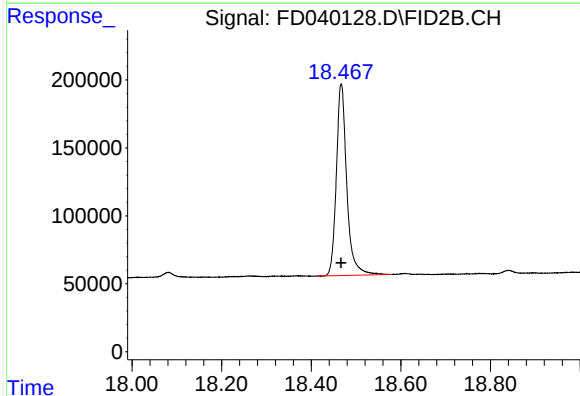
#17 n-Tricontane (C30)

R.T.: 16.858 min  
Delta R.T.: 0.003 min  
Response: 2545353  
Conc: 21.19 ug/ml



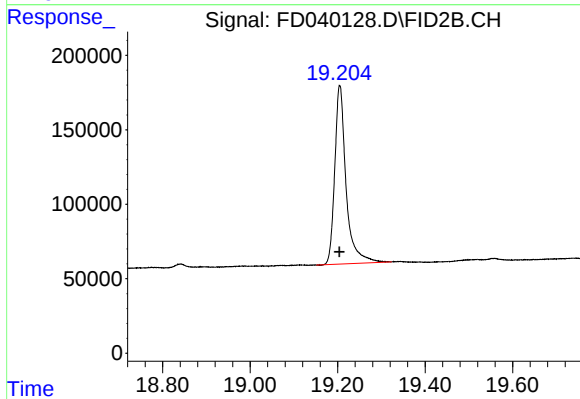
#18 n-Dotriacontane (C32)

R.T.: 17.687 min  
Delta R.T.: 0.002 min  
Response: 2337720  
Conc: 20.74 ug/ml



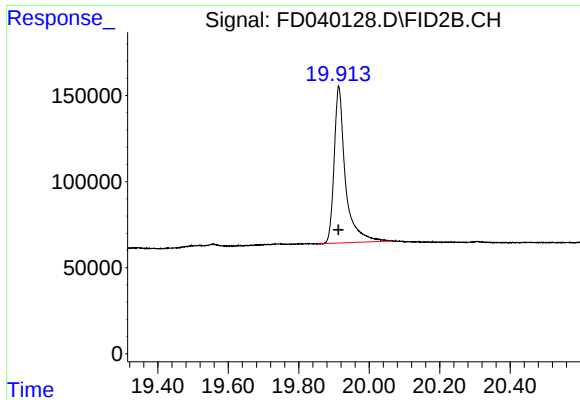
#19 n-Tetratriacontane (C34)

R.T.: 18.467 min  
Delta R.T.: 0.000 min  
Response: 2280316  
Conc: 20.86 ug/ml



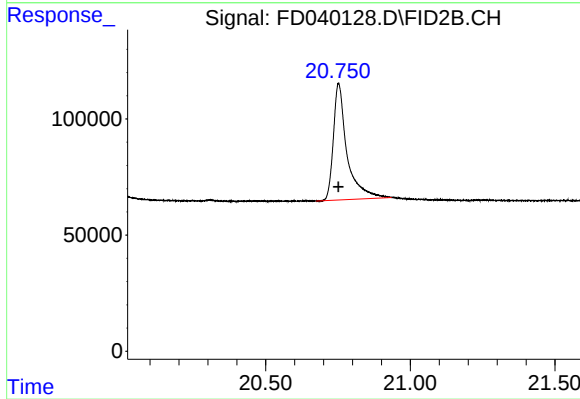
#20 n-Hexatriacontane (C36)

R.T.: 19.205 min  
Delta R.T.: 0.000 min  
Response: 2156014  
Conc: 21.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.913 min  
Delta R.T.: 0.000 min  
Response: 2018130  
Conc: 21.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.751 min  
Delta R.T.: 0.000 min  
Response: 1644027  
Conc: 21.15 ug/ml