

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD083120AL\  
 Data File : FD034590.D  
 Signal(s) : FID2B.CH  
 Acq On : 31 Aug 2020 19:50  
 Operator : DD\AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 01 01:27:16 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 083120.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 01 01:25:32 2020  
 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)    | 11.594 | 584498     | 4.662 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 9.32%        |
| 12) S 1-chlorooctadecane (S... | 13.024 | 464105     | 4.662 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 9.32%        |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.373  | 502084     | 4.550 ug/ml  |
| 2) T n-Decane (C10)            | 4.441  | 522313     | 4.722 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.025  | 549703     | 4.493 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.454  | 519636     | 4.587 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.078  | 561907     | 4.485 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.244  | 521300     | 4.572 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.839  | 520538     | 4.595 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.275 | 546762     | 4.631 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.580 | 554147     | 4.659 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.190 | 553838     | 4.677 ug/ml  |
| 13) T n-Docosane (C22)         | 13.774 | 551452     | 4.672 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.872 | 549847     | 4.685 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.888 | 539625     | 4.693 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.833 | 539238     | 4.753 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.716 | 528803     | 4.830 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.545 | 498116     | 4.911 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.324 | 462538     | 4.861 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.059 | 421772     | 4.832 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.788 | 392914     | 4.735 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.690 | 423814     | 5.077 ug/mlm |
| -----                          |        |            |              |

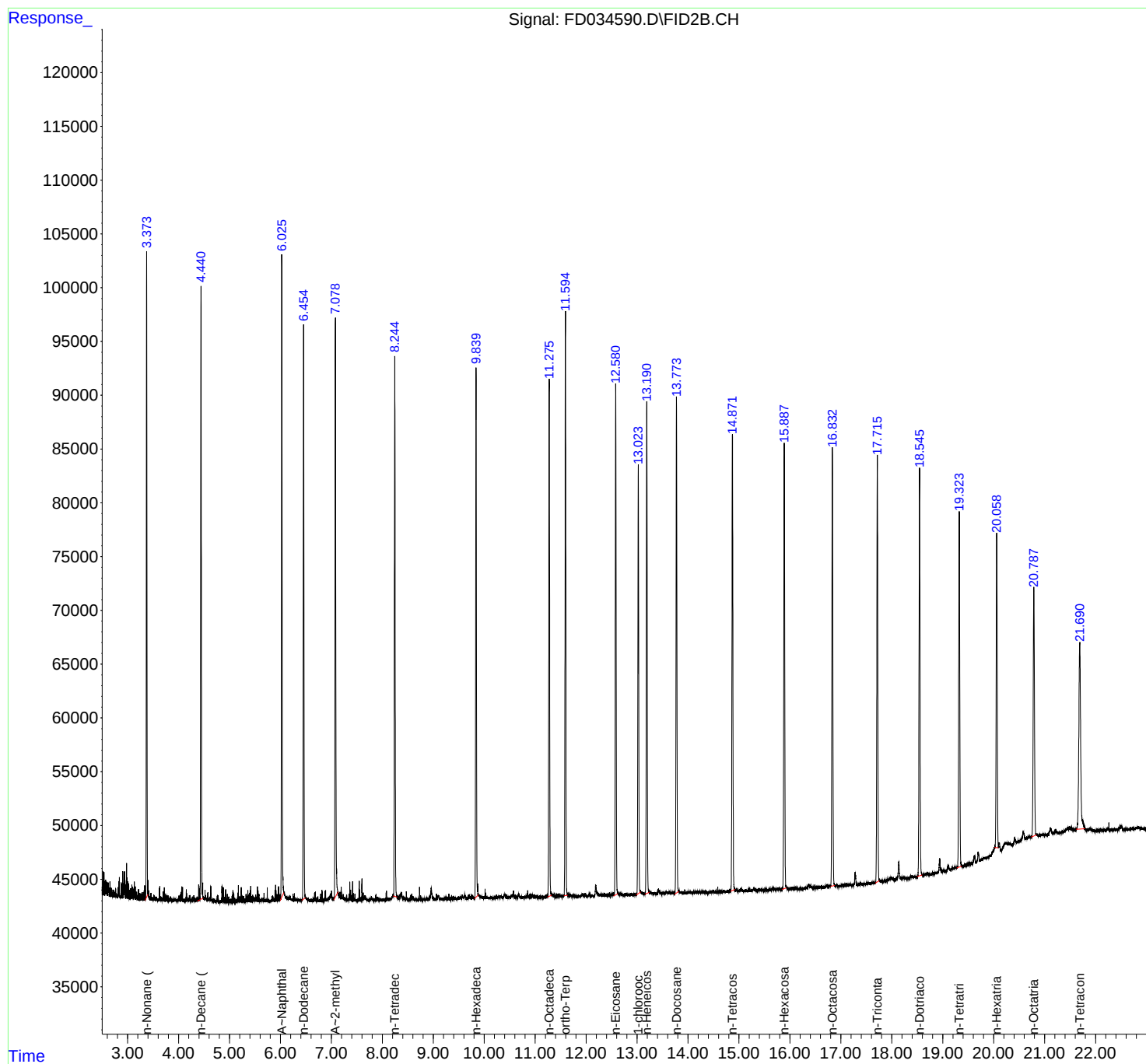
(f)=RT Delta > 1/2 Window

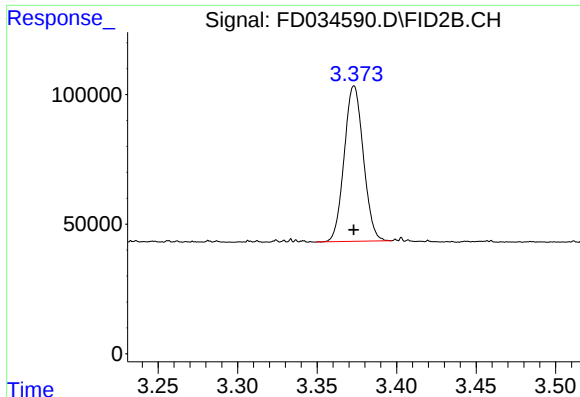
(m)=manual int.

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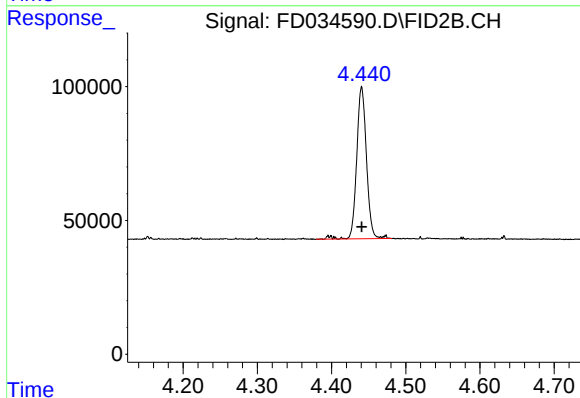
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Signal Info : 20M x 0.18mm x 0.18um





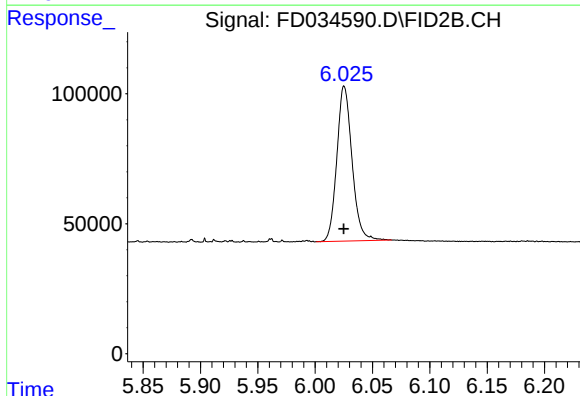
#1 n-Nonane (C9)

R.T.: 3.373 min  
Delta R.T.: 0.000 min  
Response: 502084  
Conc: 4.55 ug/ml



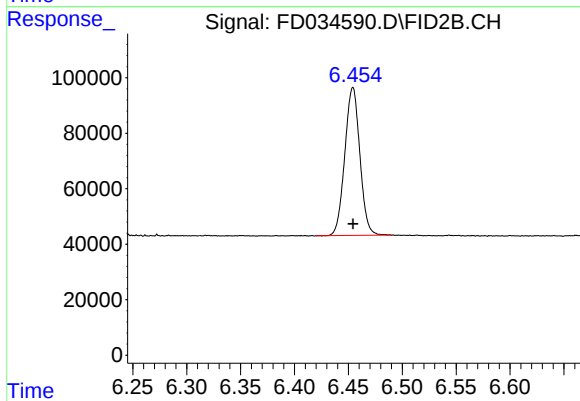
#2 n-Decane (C10)

R.T.: 4.441 min  
Delta R.T.: 0.000 min  
Response: 522313  
Conc: 4.72 ug/ml



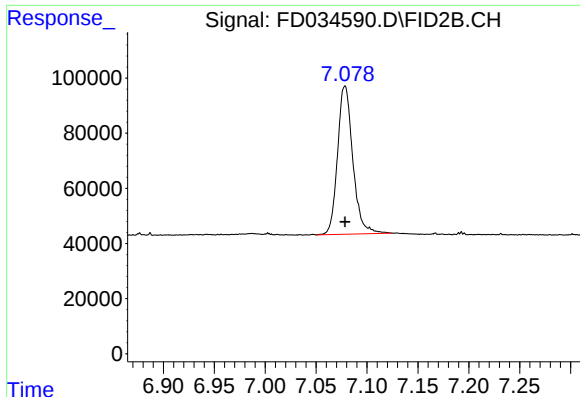
#3 A~Naphthalene (C11.7)

R.T.: 6.025 min  
Delta R.T.: 0.000 min  
Response: 549703  
Conc: 4.49 ug/ml



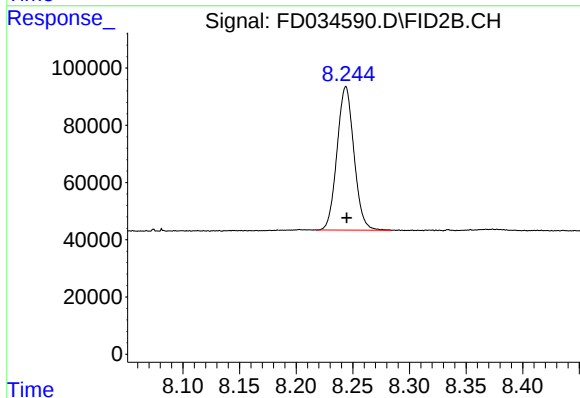
#4 n-Dodecane (C12)

R.T.: 6.454 min  
Delta R.T.: 0.000 min  
Response: 519636  
Conc: 4.59 ug/ml



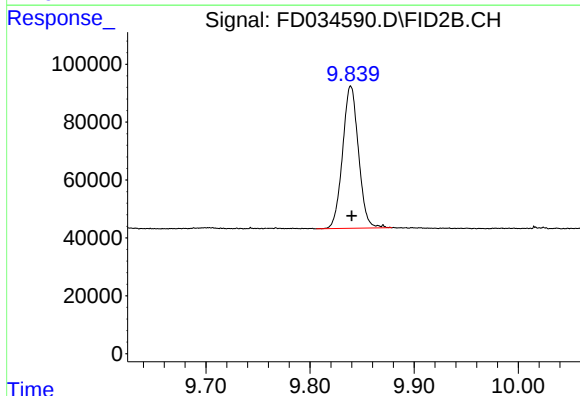
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.078 min  
Delta R.T.: 0.000 min  
Response: 561907  
Conc: 4.48 ug/ml



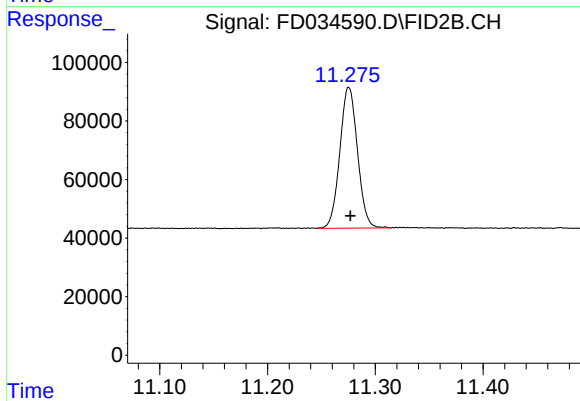
#6 n-Tetradecane (C14)

R.T.: 8.244 min  
Delta R.T.: 0.000 min  
Response: 521300  
Conc: 4.57 ug/ml



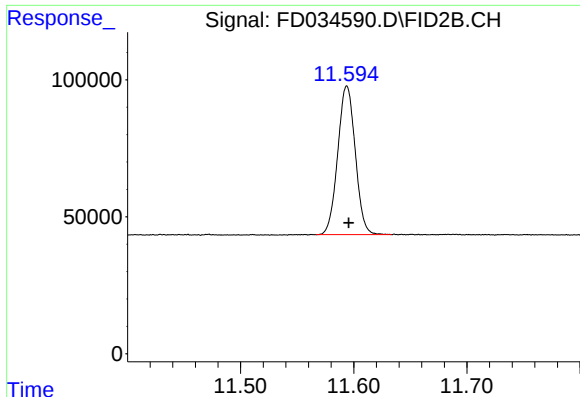
#7 n-Hexadecane (C16)

R.T.: 9.839 min  
Delta R.T.: 0.000 min  
Response: 520538  
Conc: 4.59 ug/ml



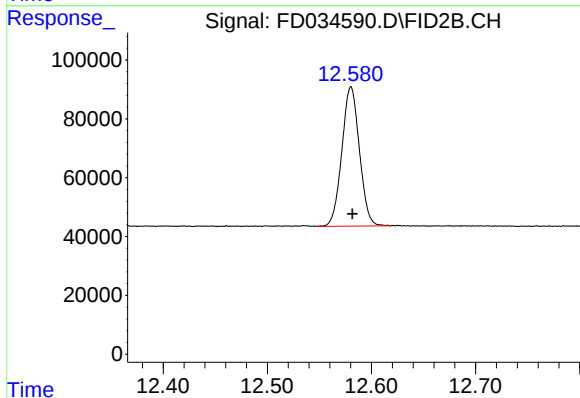
#8 n-Octadecane (C18)

R.T.: 11.275 min  
Delta R.T.: -0.002 min  
Response: 546762  
Conc: 4.63 ug/ml



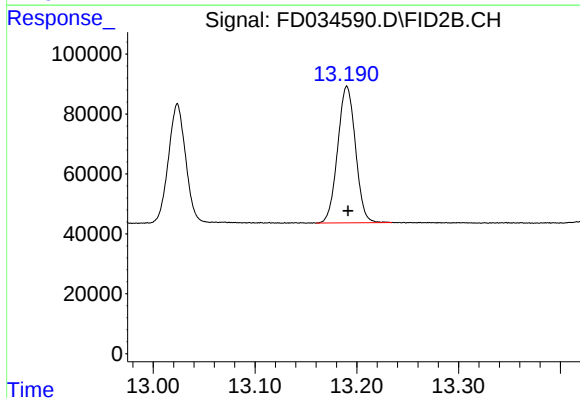
#9 ortho-Terphenyl (SURR)

R.T.: 11.594 min  
Delta R.T.: -0.002 min  
Response: 584498  
Conc: 4.66 ug/ml



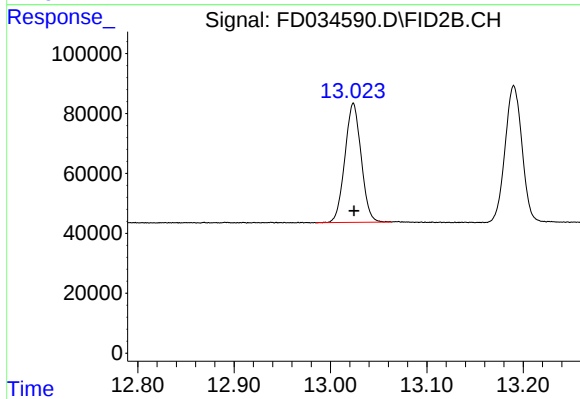
#10 n-Eicosane (C20)

R.T.: 12.580 min  
Delta R.T.: -0.001 min  
Response: 554147  
Conc: 4.66 ug/ml



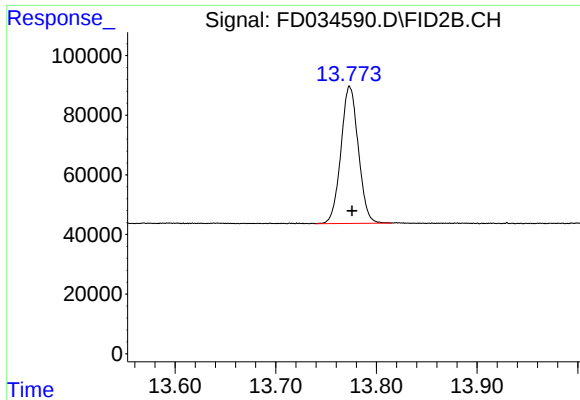
#11 n-Heneicosane (C21)

R.T.: 13.190 min  
Delta R.T.: -0.001 min  
Response: 553838  
Conc: 4.68 ug/ml



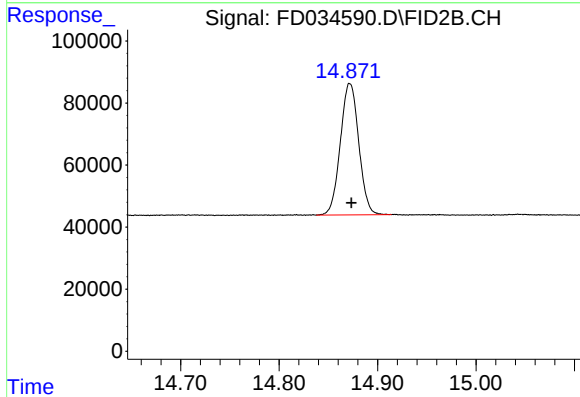
#12 1-chlorooctadecane (SURR)

R.T.: 13.024 min  
Delta R.T.: 0.000 min  
Response: 464105  
Conc: 4.66 ug/ml



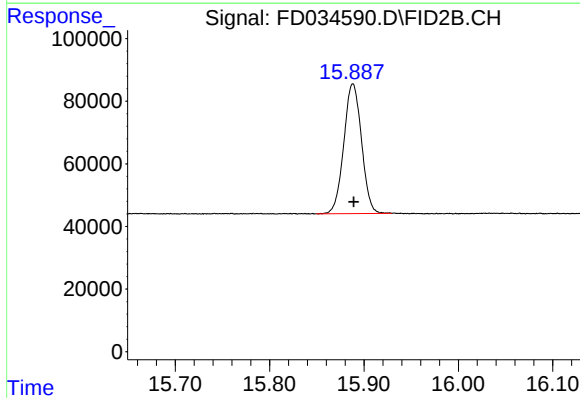
#13 n-Docosane (C22)

R.T.: 13.774 min  
Delta R.T.: -0.002 min  
Response: 551452  
Conc: 4.67 ug/ml



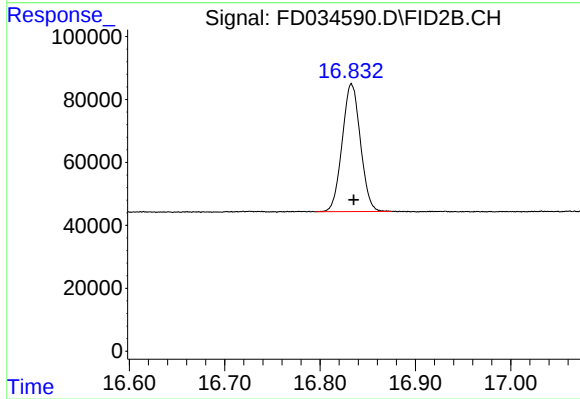
#14 n-Tetracosane (C24)

R.T.: 14.872 min  
Delta R.T.: -0.001 min  
Response: 549847  
Conc: 4.68 ug/ml



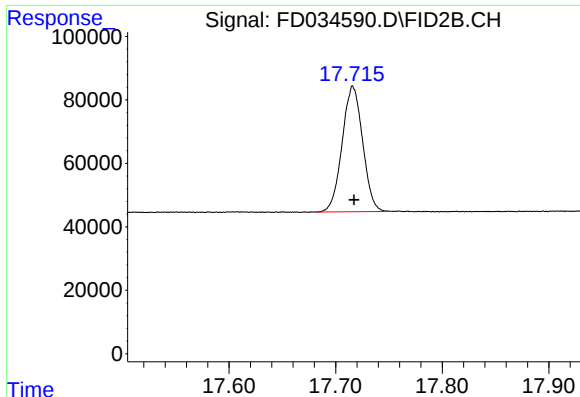
#15 n-Hexacosane (C26)

R.T.: 15.888 min  
Delta R.T.: 0.000 min  
Response: 539625  
Conc: 4.69 ug/ml



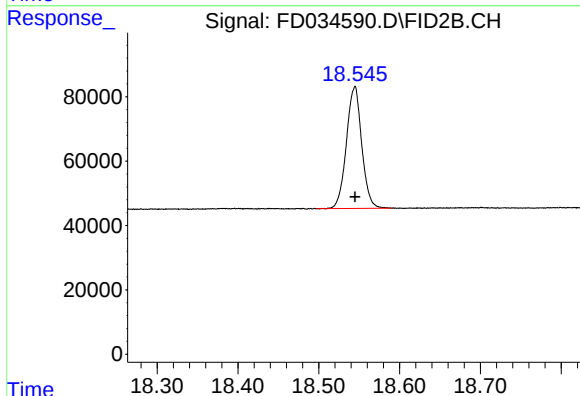
#16 n-Octacosane (C28)

R.T.: 16.833 min  
Delta R.T.: -0.002 min  
Response: 539238  
Conc: 4.75 ug/ml



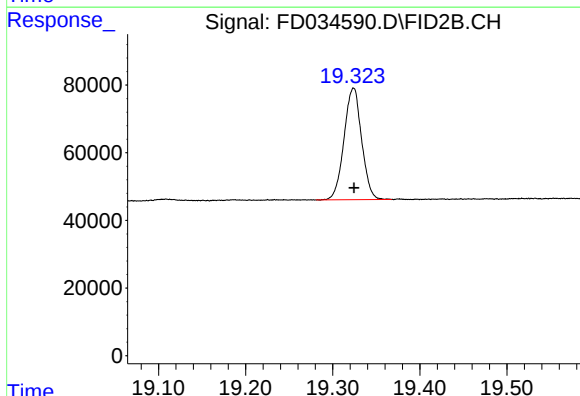
#17 n-Tricontane (C30)

R.T.: 17.716 min  
Delta R.T.: -0.001 min  
Response: 528803  
Conc: 4.83 ug/ml



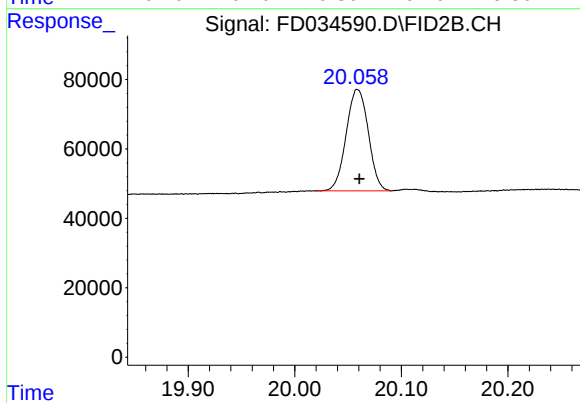
#18 n-Dotriacontane (C32)

R.T.: 18.545 min  
Delta R.T.: 0.000 min  
Response: 498116  
Conc: 4.91 ug/ml



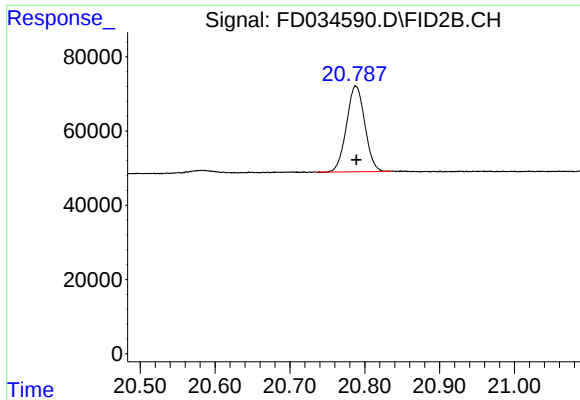
#19 n-Tetratriacontane (C34)

R.T.: 19.324 min  
Delta R.T.: 0.000 min  
Response: 462538  
Conc: 4.86 ug/ml



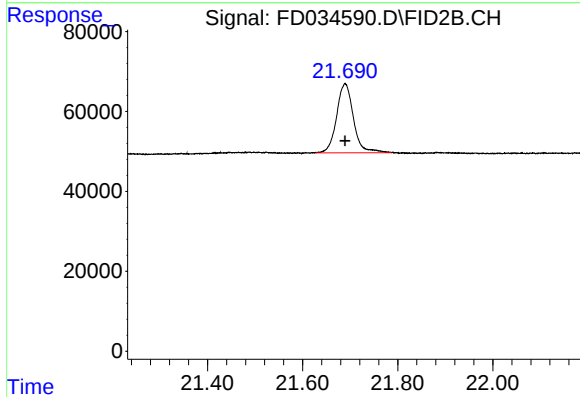
#20 n-Hexatriacontane (C36)

R.T.: 20.059 min  
Delta R.T.: -0.002 min  
Response: 421772  
Conc: 4.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.788 min  
Delta R.T.: 0.000 min  
Response: 392914  
Conc: 4.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.690 min  
Delta R.T.: 0.000 min  
Response: 423814  
Conc: 5.08 ug/ml m