

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032322AL\  
 Data File : FE035504.D  
 Signal(s) : FID1B.CH  
 Acq On : 23 Mar 2022 12:48  
 Operator : YP\AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 23 13:22:47 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 032322.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 23 12:46:31 2022  
 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)    | 11.355 | 758516     | 5.932 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 11.86%      |
| 12) S 1-chlorooctadecane (S... | 12.790 | 511128     | 5.556 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 11.11%      |
| Target Compounds               |        |            |             |
| 1) T n-Nonane (C9)             | 3.172  | 620249     | 5.756 ug/ml |
| 2) T n-Decane (C10)            | 4.226  | 603394     | 5.629 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.801  | 583584     | 5.039 ug/ml |
| 4) T n-Dodecane (C12)          | 6.231  | 626425     | 5.661 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.852  | 537926     | 4.650 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.018  | 620241     | 5.541 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.611  | 652031     | 5.733 ug/ml |
| 8) T n-Octadecane (C18)        | 11.045 | 692306     | 5.934 ug/ml |
| 10) T n-Eicosane (C20)         | 12.348 | 687419     | 5.963 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.958 | 686482     | 5.941 ug/ml |
| 13) T n-Docosane (C22)         | 13.541 | 677918     | 5.902 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.639 | 669801     | 5.907 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.655 | 635494     | 5.789 ug/ml |
| 16) T n-Octacosane (C28)       | 16.600 | 603552     | 5.734 ug/ml |
| 17) T n-Tricontane (C30)       | 17.484 | 572092     | 5.776 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.312 | 527173     | 5.863 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.092 | 467618     | 5.769 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.829 | 395000     | 5.469 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.531 | 308905     | 4.895 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.341 | 180190     | 3.827 ug/ml |
| -----                          |        |            |             |

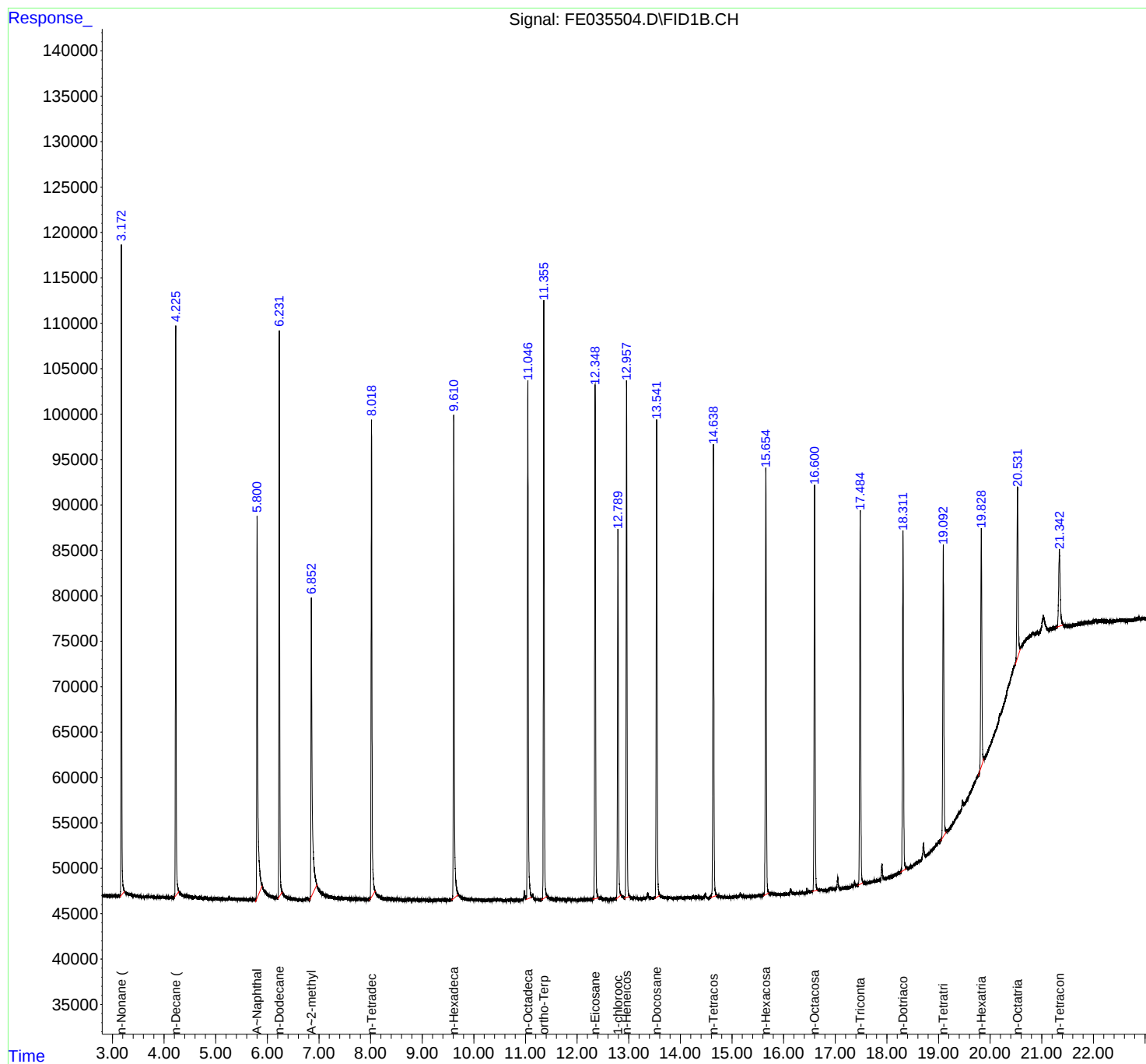
(f)=RT Delta > 1/2 Window

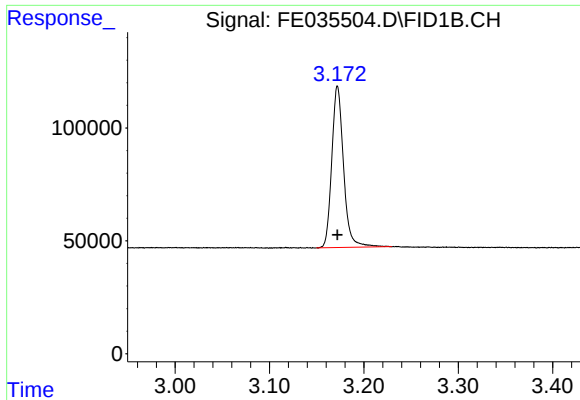
(m)=manual int.

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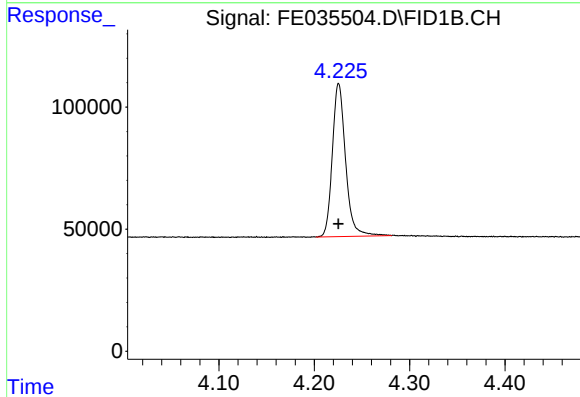
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





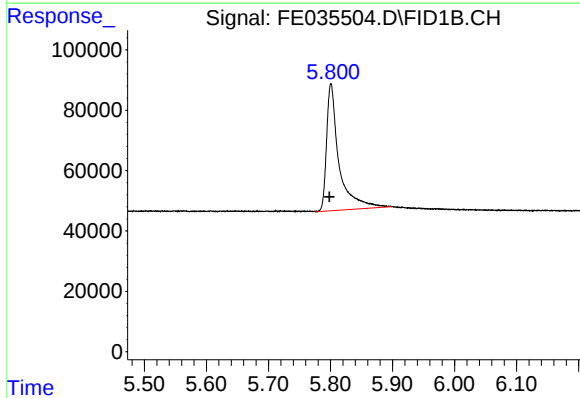
#1 n-Nonane (C9)

R.T.: 3.172 min  
Delta R.T.: 0.000 min  
Response: 620249  
Conc: 5.76 ug/ml



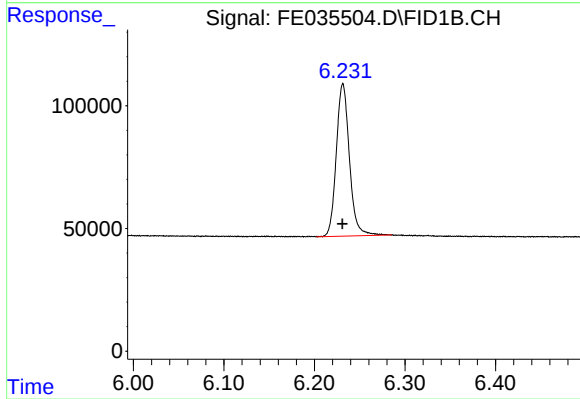
#2 n-Decane (C10)

R.T.: 4.226 min  
Delta R.T.: 0.000 min  
Response: 603394  
Conc: 5.63 ug/ml



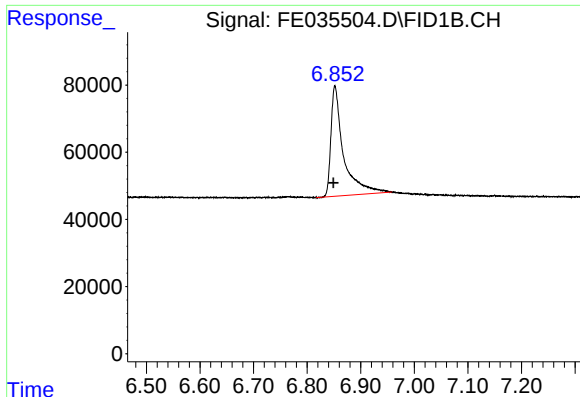
#3 A~Naphthalene (C11.7)

R.T.: 5.801 min  
Delta R.T.: 0.003 min  
Response: 583584  
Conc: 5.04 ug/ml



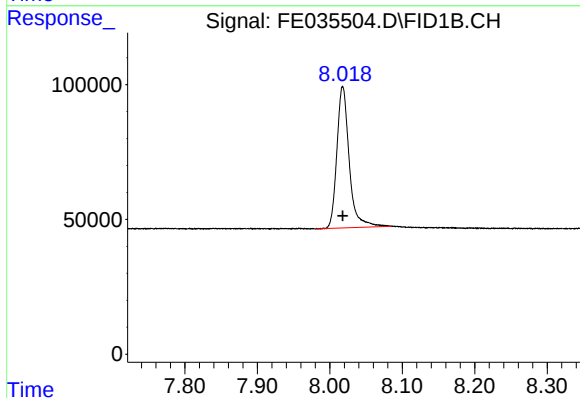
#4 n-Dodecane (C12)

R.T.: 6.231 min  
Delta R.T.: 0.000 min  
Response: 626425  
Conc: 5.66 ug/ml



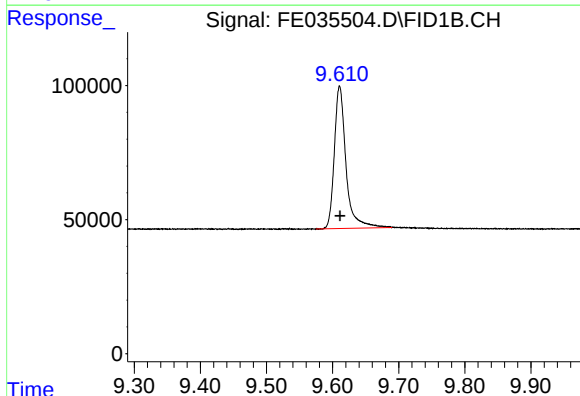
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.852 min  
Delta R.T.: 0.003 min  
Response: 537926  
Conc: 4.65 ug/ml



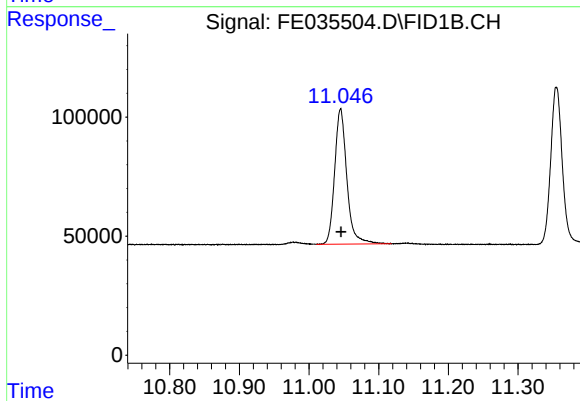
#6 n-Tetradecane (C14)

R.T.: 8.018 min  
Delta R.T.: 0.000 min  
Response: 620241  
Conc: 5.54 ug/ml



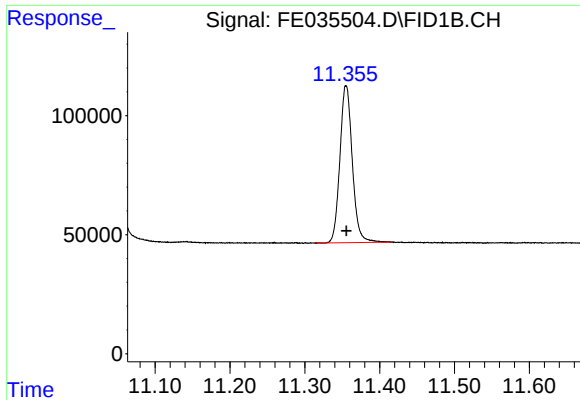
#7 n-Hexadecane (C16)

R.T.: 9.611 min  
Delta R.T.: 0.000 min  
Response: 652031  
Conc: 5.73 ug/ml



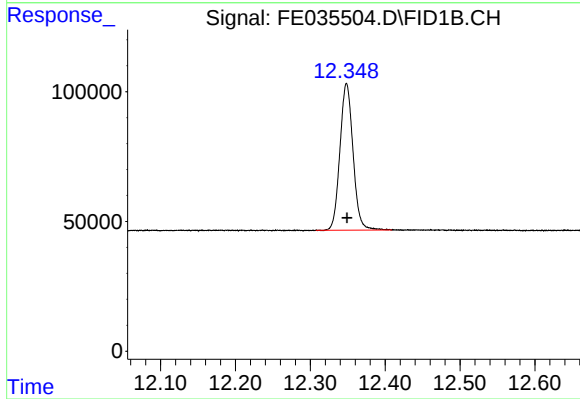
#8 n-Octadecane (C18)

R.T.: 11.045 min  
Delta R.T.: 0.000 min  
Response: 692306  
Conc: 5.93 ug/ml



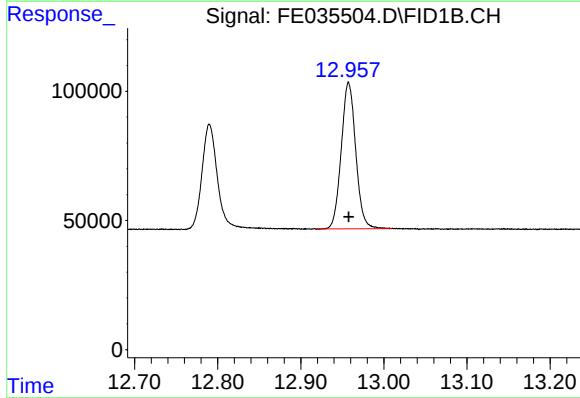
#9 ortho-Terphenyl (SURR)

R.T.: 11.355 min  
Delta R.T.: 0.000 min  
Response: 758516  
Conc: 5.93 ug/ml



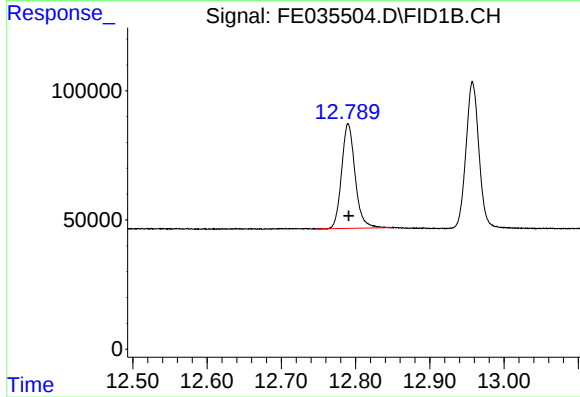
#10 n-Eicosane (C20)

R.T.: 12.348 min  
Delta R.T.: 0.000 min  
Response: 687419  
Conc: 5.96 ug/ml



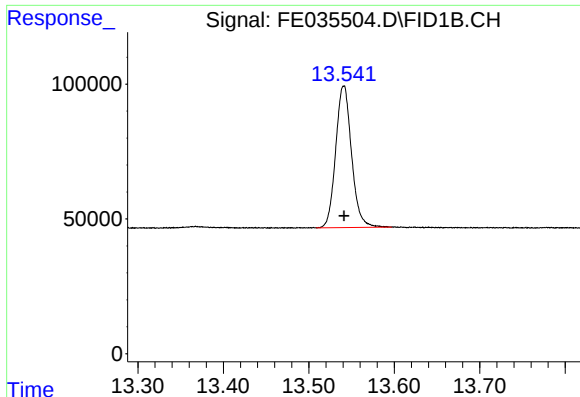
#11 n-Heneicosane (C21)

R.T.: 12.958 min  
Delta R.T.: 0.000 min  
Response: 686482  
Conc: 5.94 ug/ml



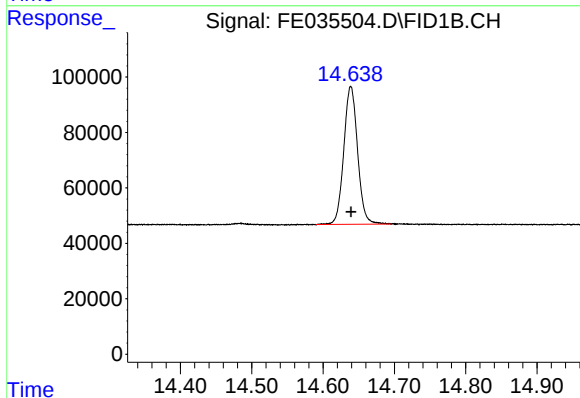
#12 1-chlorooctadecane (SURR)

R.T.: 12.790 min  
Delta R.T.: 0.000 min  
Response: 511128  
Conc: 5.56 ug/ml



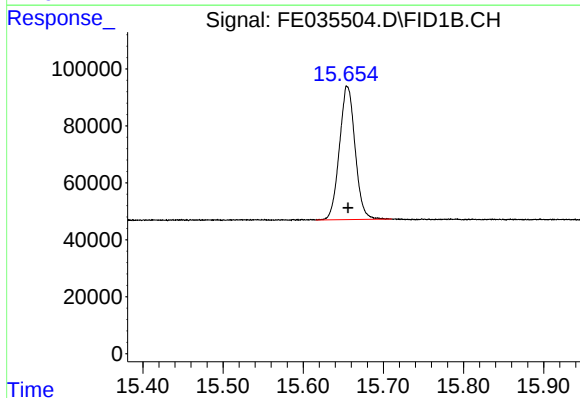
#13 n-Docosane (C22)

R.T.: 13.541 min  
Delta R.T.: 0.000 min  
Response: 677918  
Conc: 5.90 ug/ml



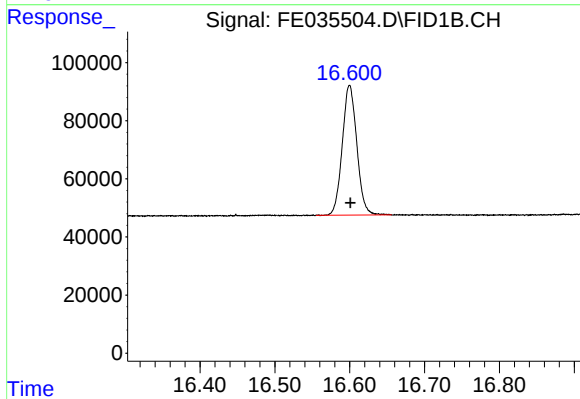
#14 n-Tetracosane (C24)

R.T.: 14.639 min  
Delta R.T.: 0.000 min  
Response: 669801  
Conc: 5.91 ug/ml



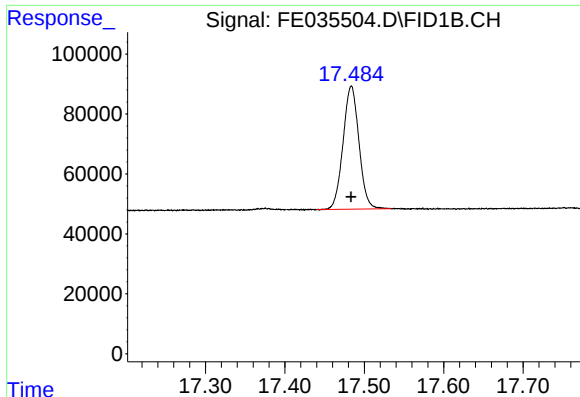
#15 n-Hexacosane (C26)

R.T.: 15.655 min  
Delta R.T.: 0.000 min  
Response: 635494  
Conc: 5.79 ug/ml



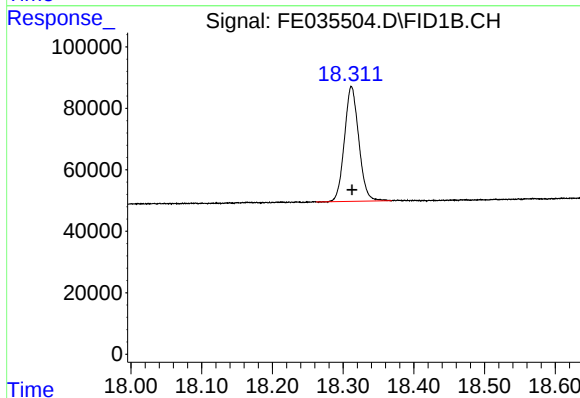
#16 n-Octacosane (C28)

R.T.: 16.600 min  
Delta R.T.: 0.000 min  
Response: 603552  
Conc: 5.73 ug/ml



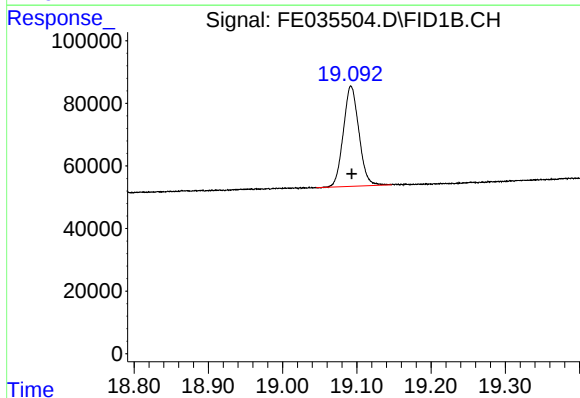
#17 n-Tricontane (C30)

R.T.: 17.484 min  
Delta R.T.: 0.000 min  
Response: 572092  
Conc: 5.78 ug/ml



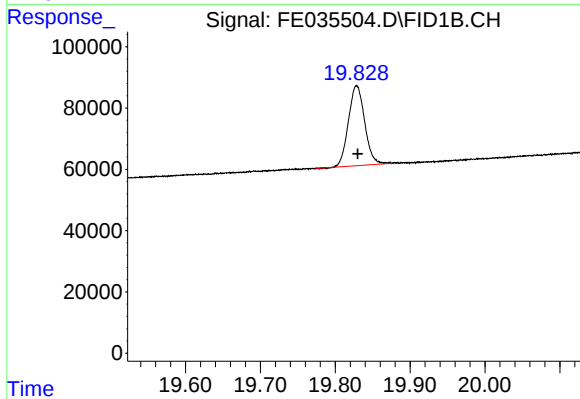
#18 n-Dotriacontane (C32)

R.T.: 18.312 min  
Delta R.T.: 0.000 min  
Response: 527173  
Conc: 5.86 ug/ml



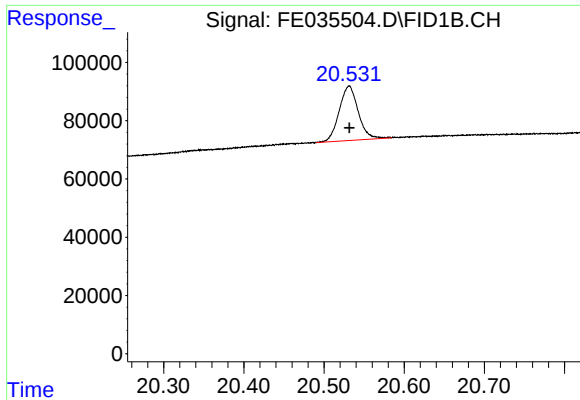
#19 n-Tetratriacontane (C34)

R.T.: 19.092 min  
Delta R.T.: 0.000 min  
Response: 467618  
Conc: 5.77 ug/ml



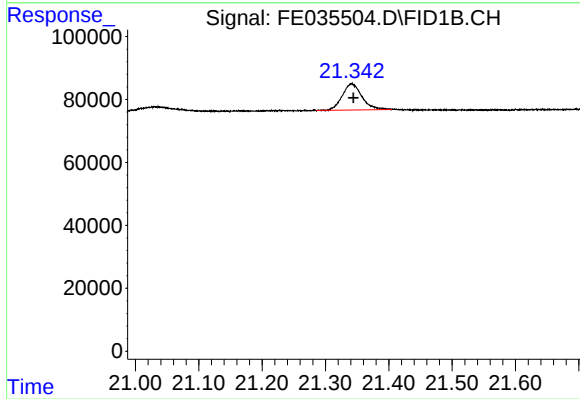
#20 n-Hexatriacontane (C36)

R.T.: 19.829 min  
Delta R.T.: -0.001 min  
Response: 395000  
Conc: 5.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.531 min  
Delta R.T.: 0.000 min  
Response: 308905  
Conc: 4.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.341 min  
Delta R.T.: -0.003 min  
Response: 180190  
Conc: 3.83 ug/ml