

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071722AL\  
 Data File : FE036533.D  
 Signal(s) : FID1B.ch  
 Acq On : 15 Jul 2022 23:44  
 Operator : YP\AJ  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jul 18 02:32:39 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071722.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 18 01:42:56 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

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)    | 11.846 | 1903955    | 10.072 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 20.14%        |
| 12) S 1-chlorooctadecane (S... | 13.286 | 1555890    | 10.089 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 20.18%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.239  | 1568422    | 10.019 ug/ml  |
| 2) T n-Decane (C10)            | 4.493  | 1563347    | 9.986 ug/ml   |
| 3) T A~Naphthalene (C11.7)     | 6.193  | 1724412    | 9.934 ug/ml   |
| 4) T n-Dodecane (C12)          | 6.661  | 1592685    | 9.987 ug/ml   |
| 5) T A~2-methylnaphthalene...  | 7.288  | 1729411    | 9.909 ug/ml   |
| 6) T n-Tetradecane (C14)       | 8.487  | 1663252    | 10.045 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.094 | 1679546    | 10.054 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.535 | 1736828    | 10.085 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.843 | 1742042    | 10.110 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.455 | 1755509    | 10.126 ug/ml  |
| 13) T n-Docosane (C22)         | 14.041 | 1748305    | 10.104 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.144 | 1746177    | 10.103 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.164 | 1716556    | 10.119 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.112 | 1677971    | 10.128 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.999 | 1561959    | 10.131 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.832 | 1241610    | 10.182 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.615 | 854451     | 10.100 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.354 | 581144     | 9.670 ug/ml   |
| 21) T n-Octatriacontane (C38)  | 21.078 | 514548     | 10.109 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.960 | 586149     | 11.186 ug/mlm |
| -----                          |        |            |               |

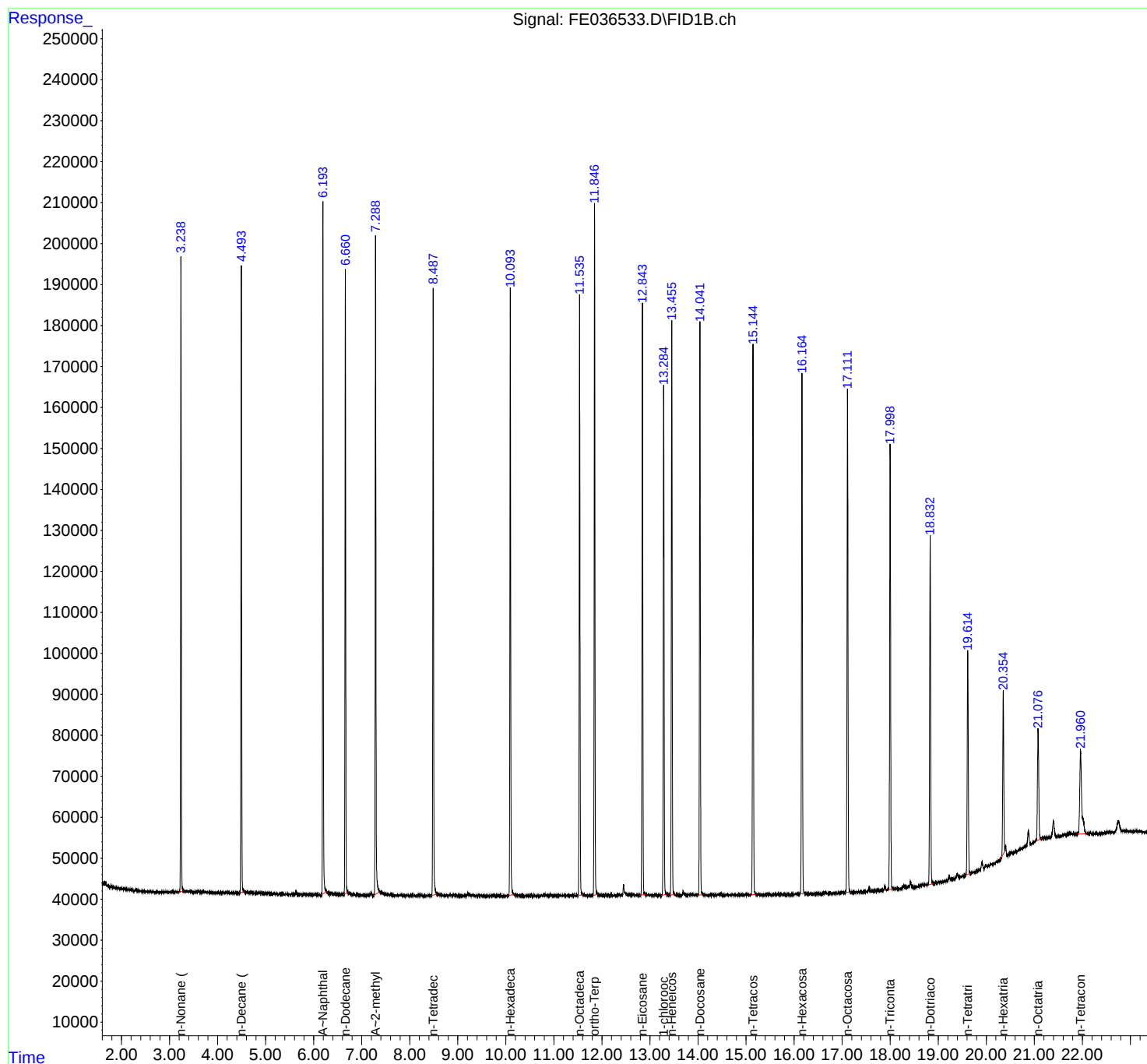
(f)=RT Delta > 1/2 Window

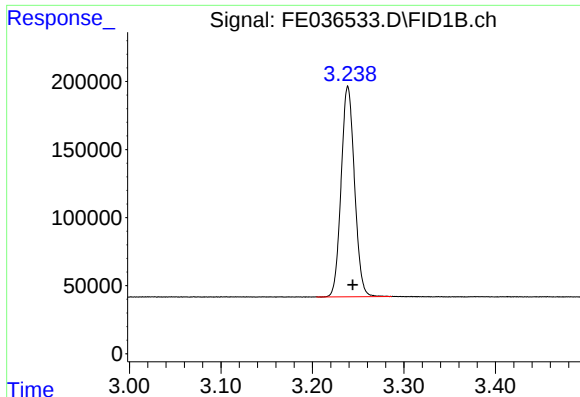
(m)=manual int.

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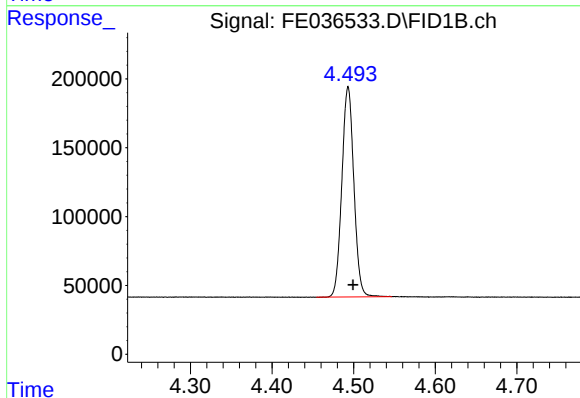
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





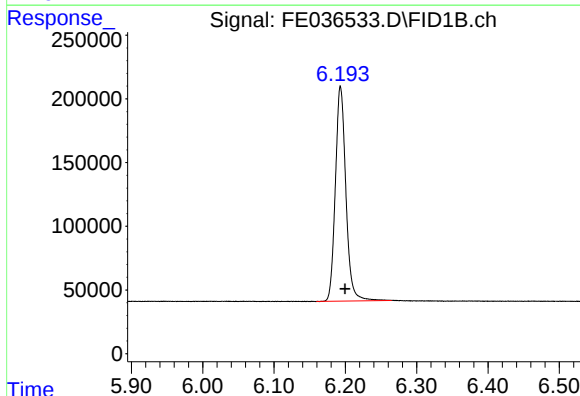
#1 n-Nonane (C9)

R.T.: 3.239 min  
Delta R.T.: -0.005 min  
Response: 1568422  
Conc: 10.02 ug/ml



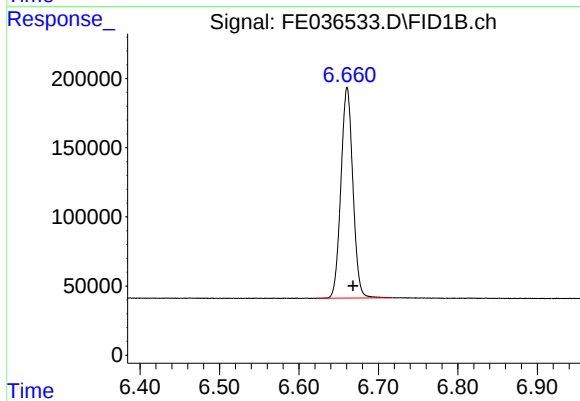
#2 n-Decane (C10)

R.T.: 4.493 min  
Delta R.T.: -0.006 min  
Response: 1563347  
Conc: 9.99 ug/ml



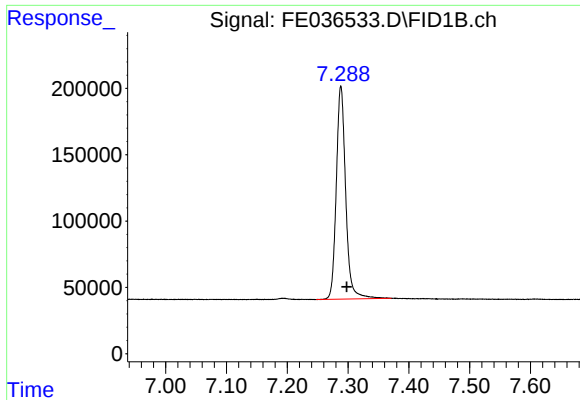
#3 A~Naphthalene (C11.7)

R.T.: 6.193 min  
Delta R.T.: -0.006 min  
Response: 1724412  
Conc: 9.93 ug/ml



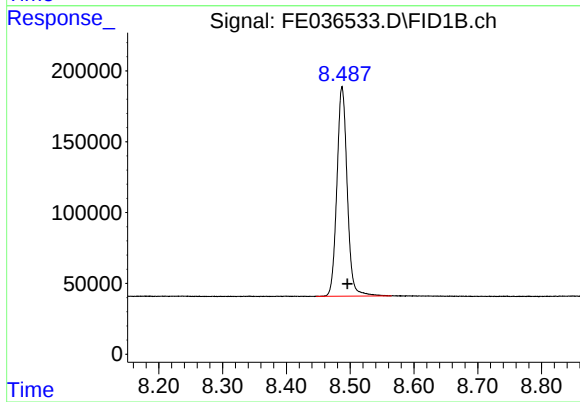
#4 n-Dodecane (C12)

R.T.: 6.661 min  
Delta R.T.: -0.007 min  
Response: 1592685  
Conc: 9.99 ug/ml



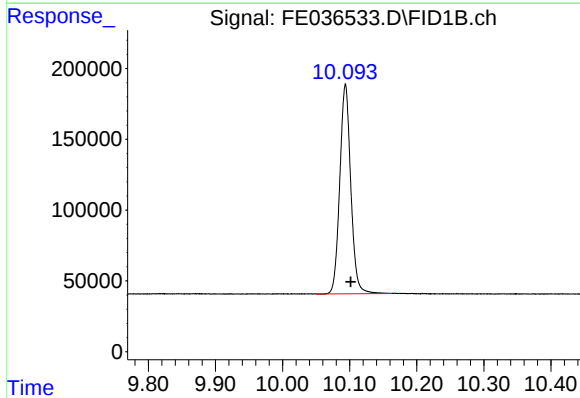
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.288 min  
Delta R.T.: -0.009 min  
Response: 1729411  
Conc: 9.91 ug/ml



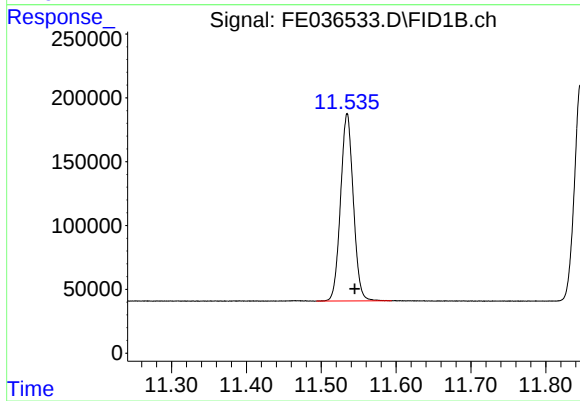
#6 n-Tetradecane (C14)

R.T.: 8.487 min  
Delta R.T.: -0.008 min  
Response: 1663252  
Conc: 10.04 ug/ml



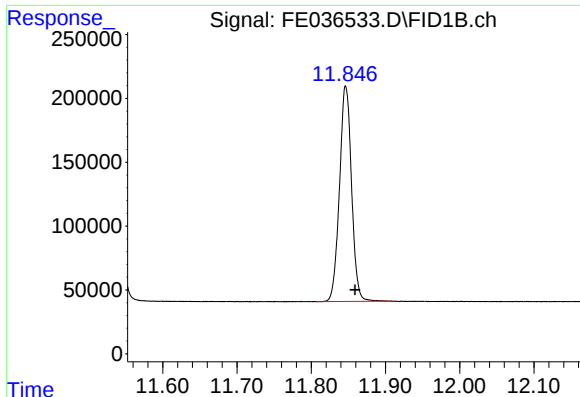
#7 n-Hexadecane (C16)

R.T.: 10.094 min  
Delta R.T.: -0.008 min  
Response: 1679546  
Conc: 10.05 ug/ml



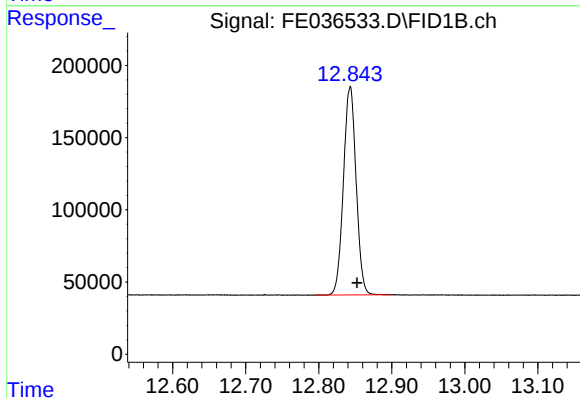
#8 n-Octadecane (C18)

R.T.: 11.535 min  
Delta R.T.: -0.010 min  
Response: 1736828  
Conc: 10.08 ug/ml



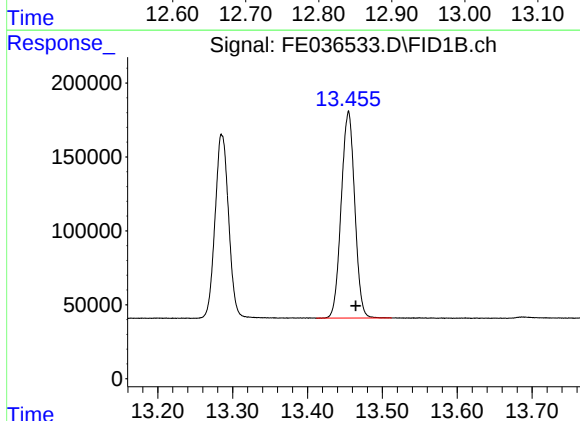
#9 ortho-Terphenyl (SURR)

R.T.: 11.846 min  
Delta R.T.: -0.013 min  
Response: 1903955  
Conc: 10.07 ug/ml



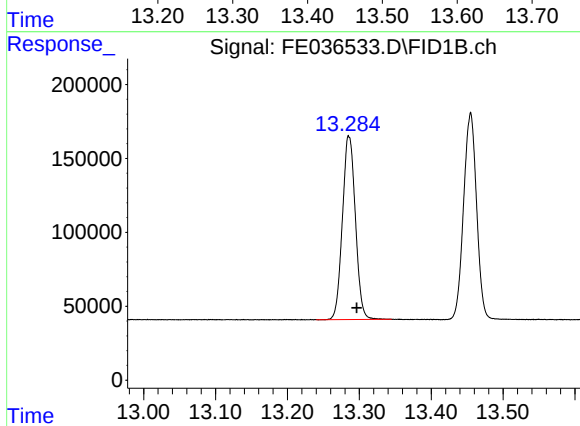
#10 n-Eicosane (C20)

R.T.: 12.843 min  
Delta R.T.: -0.010 min  
Response: 1742042  
Conc: 10.11 ug/ml



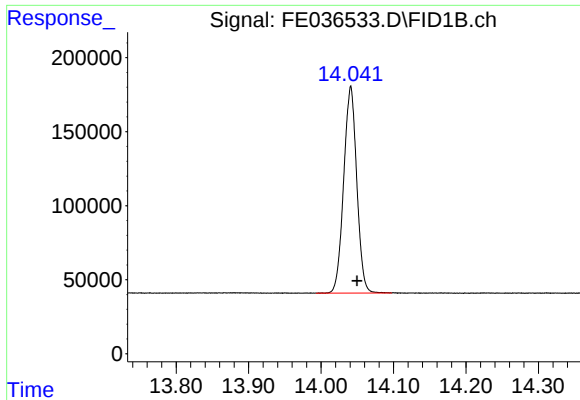
#11 n-Heneicosane (C21)

R.T.: 13.455 min  
Delta R.T.: -0.009 min  
Response: 1755509  
Conc: 10.13 ug/ml



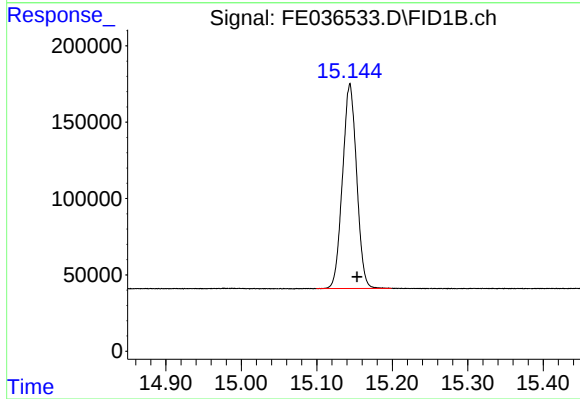
#12 1-chlorooctadecane (SURR)

R.T.: 13.286 min  
Delta R.T.: -0.011 min  
Response: 1555890  
Conc: 10.09 ug/ml



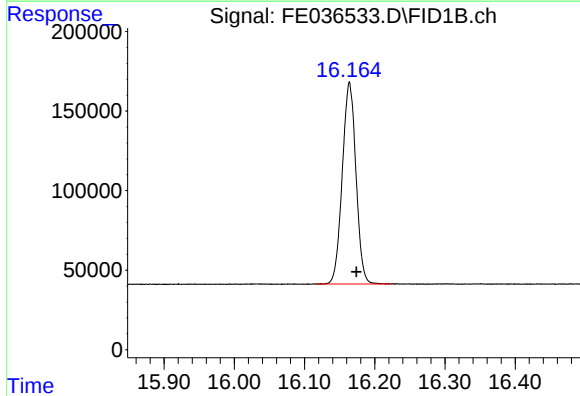
#13 n-Docosane (C22)

R.T.: 14.041 min  
Delta R.T.: -0.009 min  
Response: 1748305  
Conc: 10.10 ug/ml



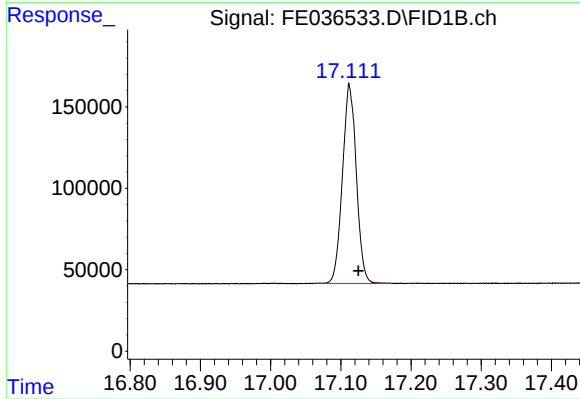
#14 n-Tetracosane (C24)

R.T.: 15.144 min  
Delta R.T.: -0.009 min  
Response: 1746177  
Conc: 10.10 ug/ml



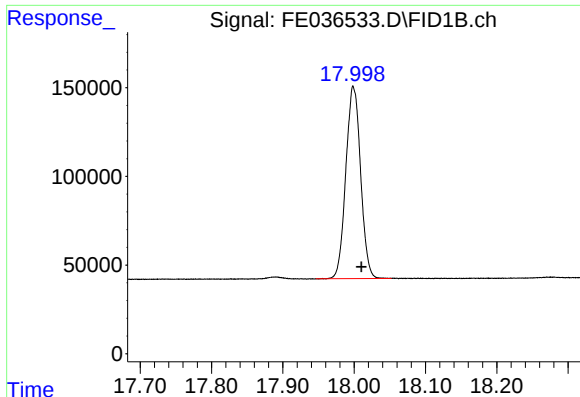
#15 n-Hexacosane (C26)

R.T.: 16.164 min  
Delta R.T.: -0.010 min  
Response: 1716556  
Conc: 10.12 ug/ml



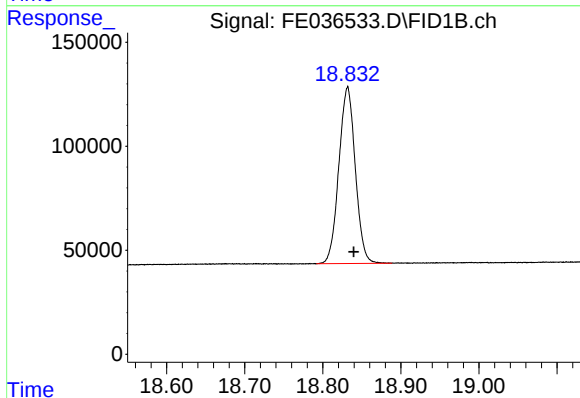
#16 n-Octacosane (C28)

R.T.: 17.112 min  
Delta R.T.: -0.013 min  
Response: 1677971  
Conc: 10.13 ug/ml



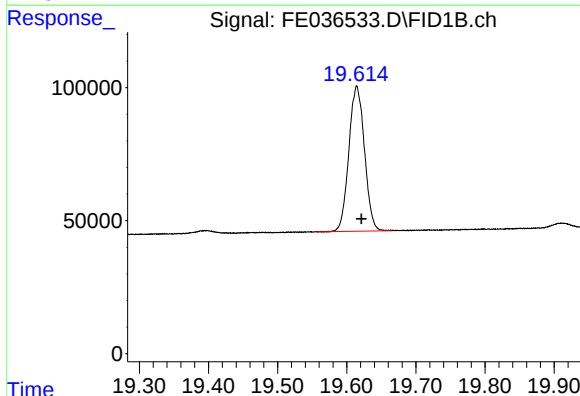
#17 n-Tricontane (C30)

R.T.: 17.999 min  
Delta R.T.: -0.011 min  
Response: 1561959  
Conc: 10.13 ug/ml



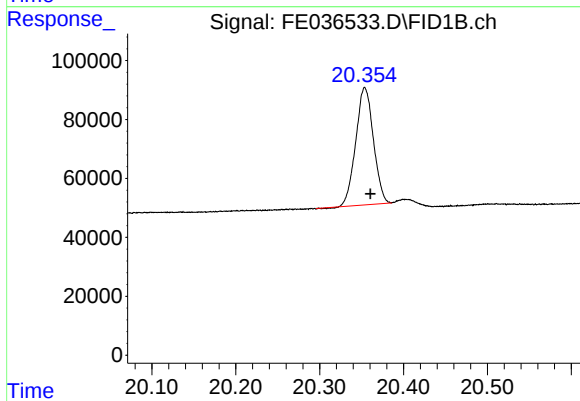
#18 n-Dotriacontane (C32)

R.T.: 18.832 min  
Delta R.T.: -0.008 min  
Response: 1241610  
Conc: 10.18 ug/ml



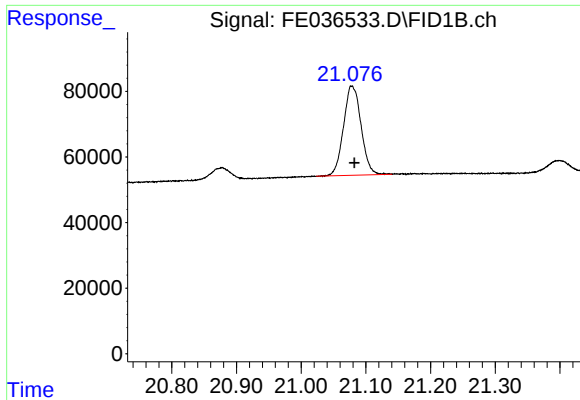
#19 n-Tetratriacontane (C34)

R.T.: 19.615 min  
Delta R.T.: -0.007 min  
Response: 854451  
Conc: 10.10 ug/ml



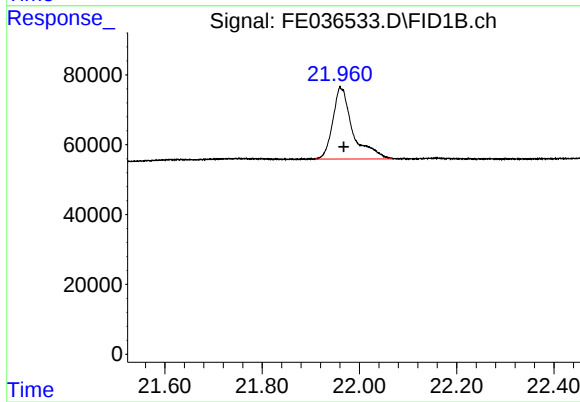
#20 n-Hexatriacontane (C36)

R.T.: 20.354 min  
Delta R.T.: -0.007 min  
Response: 581144  
Conc: 9.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.078 min  
Delta R.T.: -0.004 min  
Response: 514548  
Conc: 10.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.960 min  
Delta R.T.: -0.008 min  
Response: 586149  
Conc: 11.19 ug/ml m