

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE082724AL\  
 Data File : FE049774.D  
 Signal(s) : FID1B.ch  
 Acq On : 27 Aug 2024 09:42  
 Operator : YP\AJ  
 Sample : P3728-02DL 5X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Aug 28 01:29:45 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 081424.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 14 11:05:17 2024  
 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)    | 11.885 | 965068     | 5.968 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 11.94%      |
| 12) S 1-chlorooctadecane (S... | 13.321 | 989995     | 8.114 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 16.23%      |
| Target Compounds               |        |            |             |
| 3) T A~Naphthalene (C11.7)     | 6.238  | 72756      | 0.453 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.334  | 57981      | 0.387 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.126 | 102451     | 0.656 ug/ml |
| 8) T n-Octadecane (C18)        | 11.567 | 101620     | 0.647 ug/ml |
| 10) T n-Eicosane (C20)         | 12.874 | 18045      | 0.121 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.487 | 91501      | 0.624 ug/ml |
| 13) T n-Docosane (C22)         | 14.073 | 52863      | 0.363 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.166 | 496210     | 3.411 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.195 | 47505      | 0.329 ug/ml |
| 16) T n-Octacosane (C28)       | 17.142 | 83005      | 0.576 ug/ml |
| 17) T n-Tricontane (C30)       | 18.030 | 202921     | 1.355 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.862 | 195974     | 1.295 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.645 | 118086     | 0.772 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.384 | 104996     | 0.691 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.112 | 112088     | 0.714 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.008 | 143731     | 0.941 ug/ml |
| -----                          |        |            |             |

(f)=RT Delta > 1/2 Window

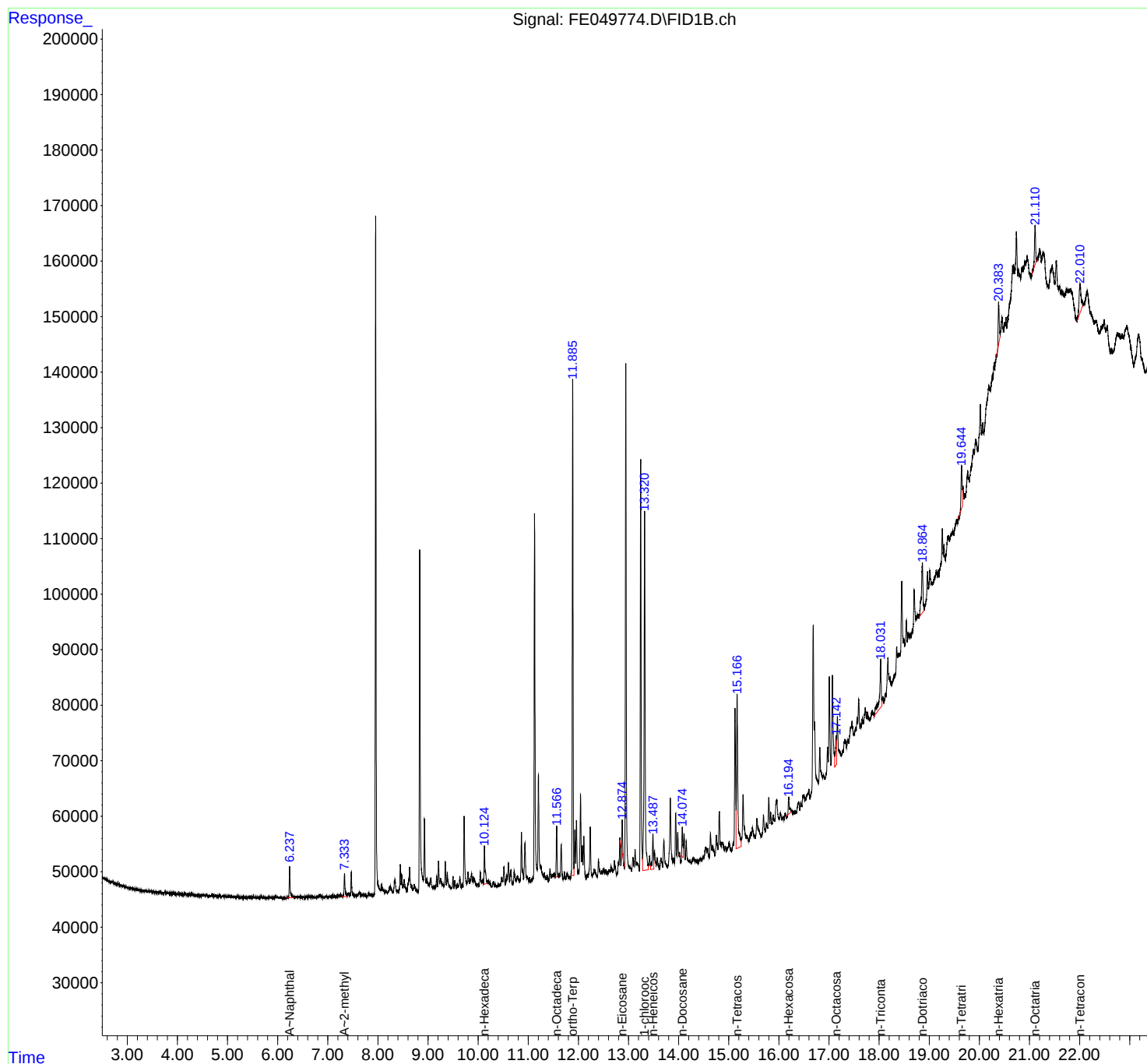
(m)=manual int.

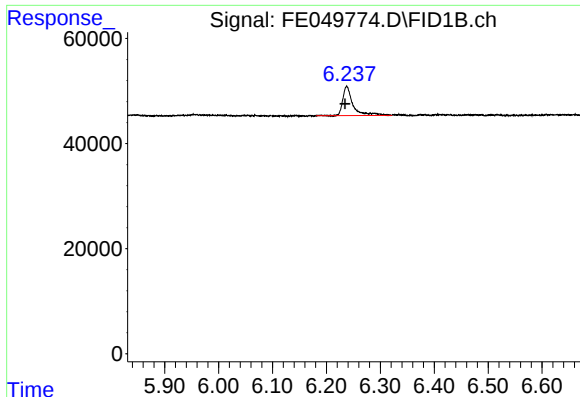
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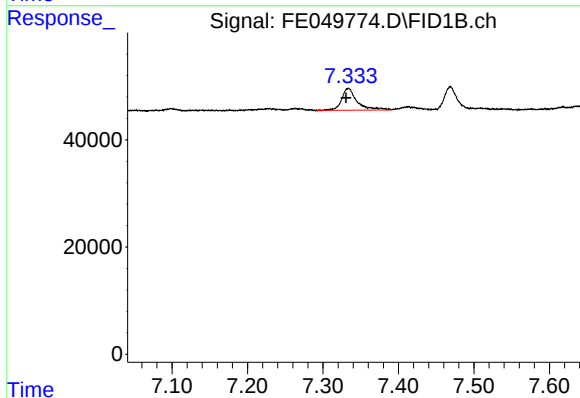




#3 A~Naphthalene (C11.7)

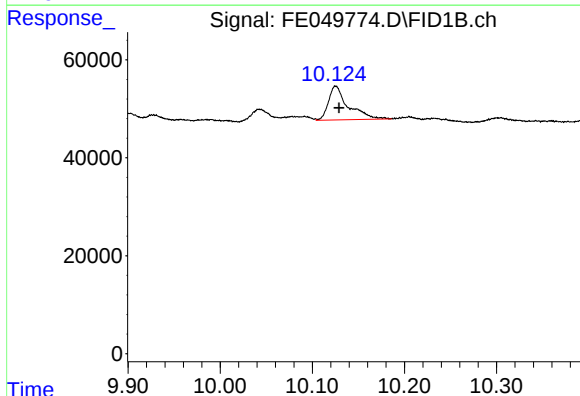
R.T.: 6.238 min  
Delta R.T.: 0.003 min  
Response: 72756  
Conc: 0.45 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



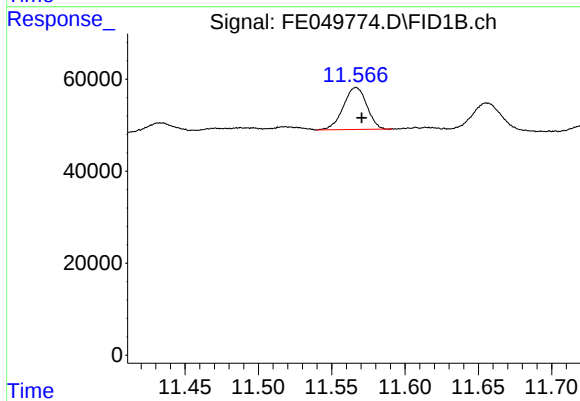
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.334 min  
Delta R.T.: 0.003 min  
Response: 57981  
Conc: 0.39 ug/ml



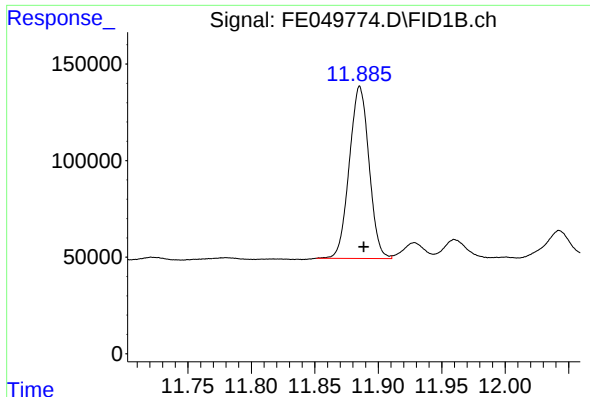
#7 n-Hexadecane (C16)

R.T.: 10.126 min  
Delta R.T.: -0.003 min  
Response: 102451  
Conc: 0.66 ug/ml



#8 n-Octadecane (C18)

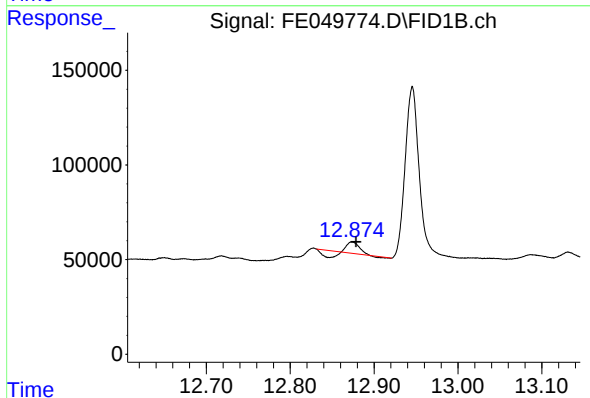
R.T.: 11.567 min  
Delta R.T.: -0.004 min  
Response: 101620  
Conc: 0.65 ug/ml



#9 ortho-Terphenyl (SURR)

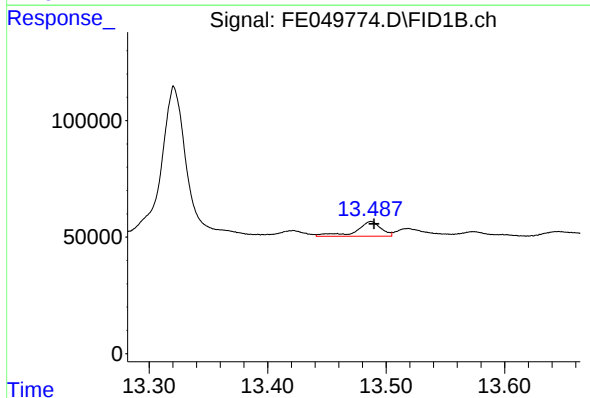
R.T.: 11.885 min  
Delta R.T.: -0.003 min  
Response: 965068  
Conc: 5.97 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



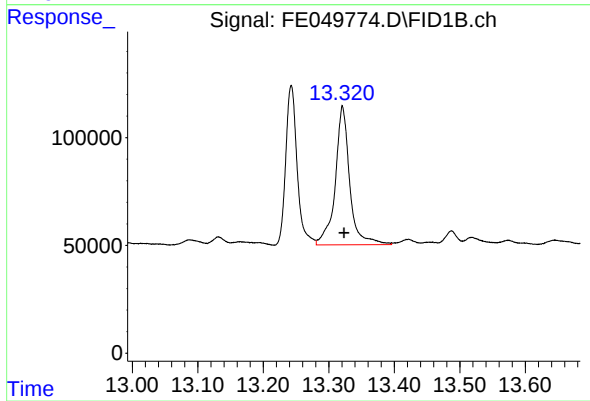
#10 n-Eicosane (C20)

R.T.: 12.874 min  
Delta R.T.: -0.004 min  
Response: 18045  
Conc: 0.12 ug/ml



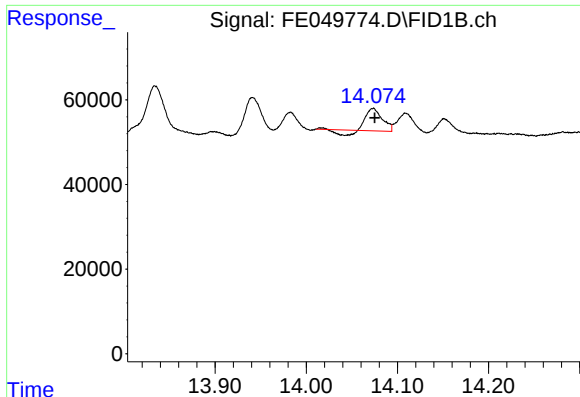
#11 n-Heneicosane (C21)

R.T.: 13.487 min  
Delta R.T.: -0.003 min  
Response: 91501  
Conc: 0.62 ug/ml



#12 1-chlorooctadecane (SURR)

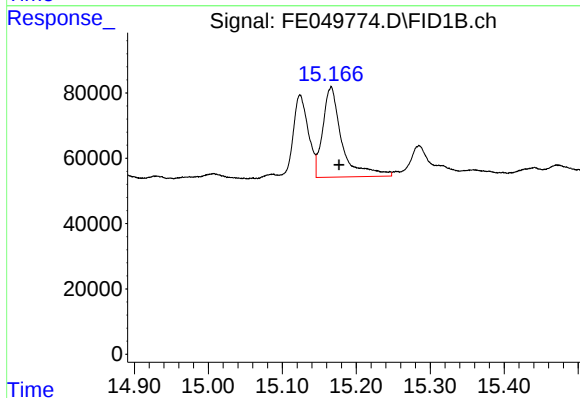
R.T.: 13.321 min  
Delta R.T.: -0.002 min  
Response: 989995  
Conc: 8.11 ug/ml



#13 n-Docosane (C22)

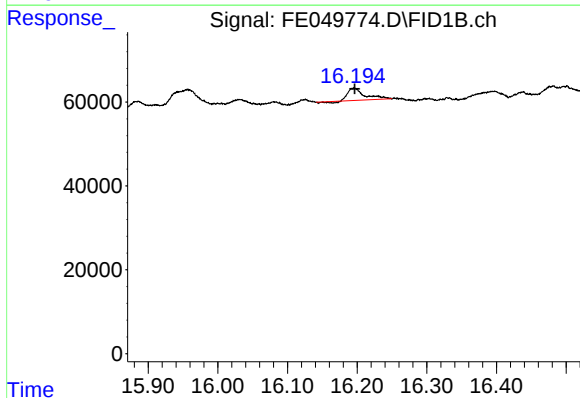
R.T.: 14.073 min  
Delta R.T.: -0.002 min  
Response: 52863  
Conc: 0.36 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



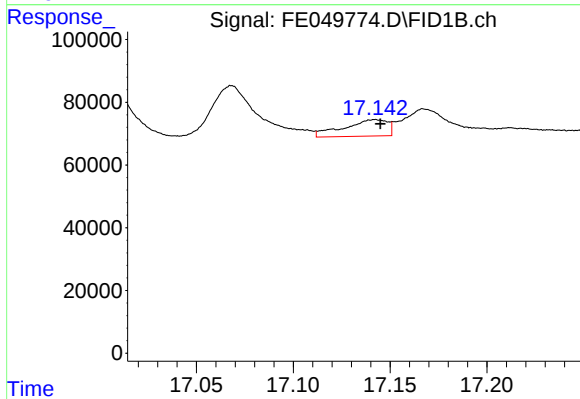
#14 n-Tetracosane (C24)

R.T.: 15.166 min  
Delta R.T.: -0.011 min  
Response: 496210  
Conc: 3.41 ug/ml



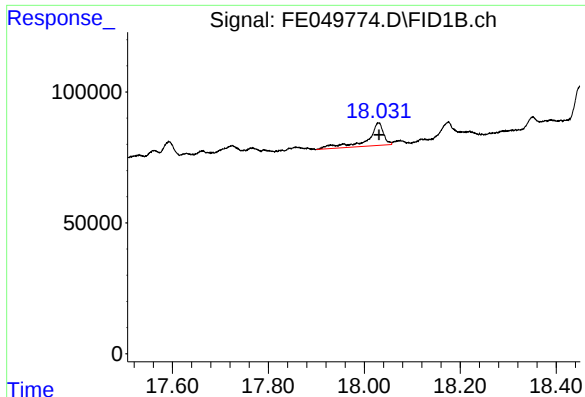
#15 n-Hexacosane (C26)

R.T.: 16.195 min  
Delta R.T.: -0.001 min  
Response: 47505  
Conc: 0.33 ug/ml



#16 n-Octacosane (C28)

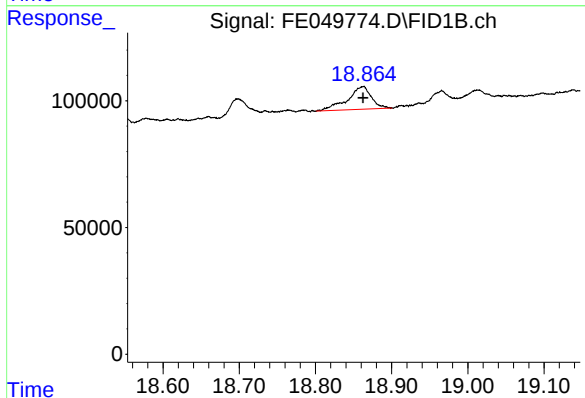
R.T.: 17.142 min  
Delta R.T.: -0.003 min  
Response: 83005  
Conc: 0.58 ug/ml



#17 n-Tricontane (C30)

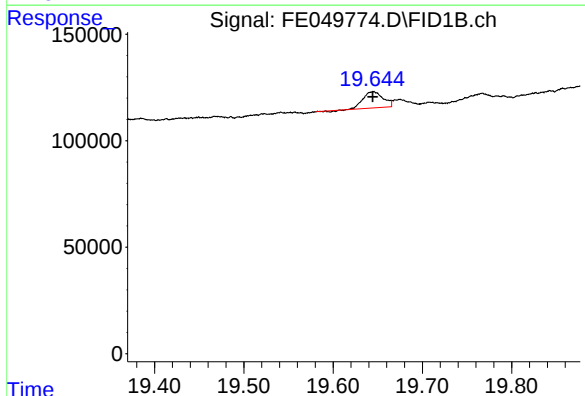
R.T.: 18.030 min  
Delta R.T.: -0.001 min  
Response: 202921  
Conc: 1.36 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



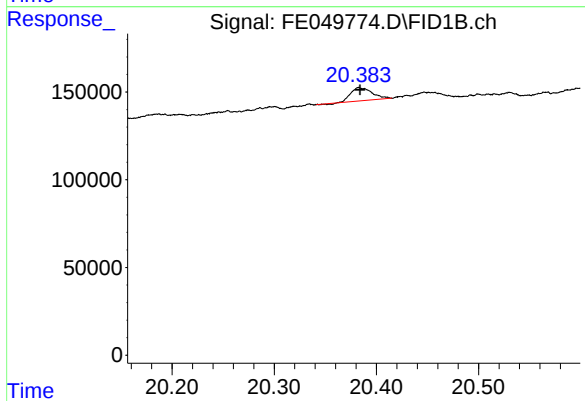
#18 n-Dotriacontane (C32)

R.T.: 18.862 min  
Delta R.T.: 0.000 min  
Response: 195974  
Conc: 1.30 ug/ml



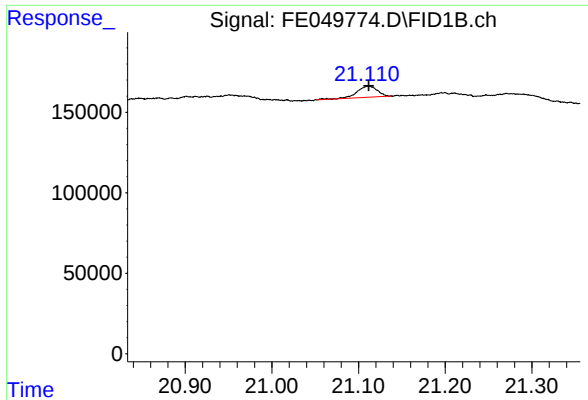
#19 n-Tetratriacontane (C34)

R.T.: 19.645 min  
Delta R.T.: 0.000 min  
Response: 118086  
Conc: 0.77 ug/ml



#20 n-Hexatriacontane (C36)

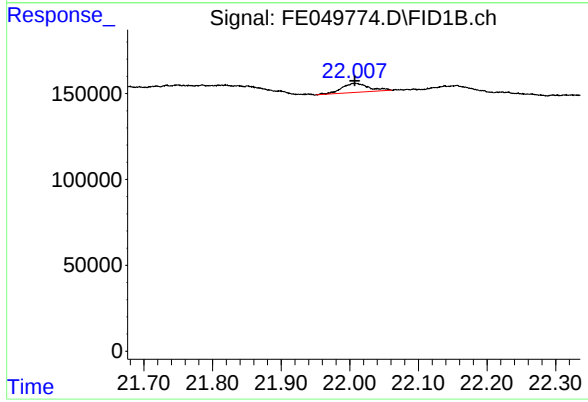
R.T.: 20.384 min  
Delta R.T.: 0.000 min  
Response: 104996  
Conc: 0.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.112 min  
Delta R.T.: 0.000 min  
Response: 112088  
Conc: 0.71 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.008 min  
Delta R.T.: 0.000 min  
Response: 143731  
Conc: 0.94 ug/ml