

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF063022\  
 Data File : FF010941.D  
 Signal(s) : FID2B.ch  
 Acq On : 30 Jun 2022 18:18  
 Operator : AJ\MA  
 Sample : N3214-05  
 Misc : 1 PPM SOIL LOD  
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jul 01 01:45:28 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF063022.M  
 Quant Title :  
 QLast Update : Fri Jul 01 01:40:42 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1uL  
 Signal Phase : Rxi-1ms  
 Signal Info : 20mx0.18mmx0.18um

| Compound                    |                          | R.T.   | Response | Conc Units   |
|-----------------------------|--------------------------|--------|----------|--------------|
| -----                       |                          |        |          |              |
| System Monitoring Compounds |                          |        |          |              |
| 9) S                        | TETRACOSANE-d50 (SURR... | 14.818 | 2141235  | 22.825 ug/ml |
| Target Compounds            |                          |        |          |              |
| 1)                          | N-OCTANE                 | 1.870  | 123575   | 1.095 ug/ml  |
| 2)                          | N-DECANE                 | 4.379  | 105971   | 0.940 ug/ml  |
| 3)                          | N-DODECANE               | 6.546  | 92387    | 0.830 ug/ml  |
| 4)                          | N-TETRADECANE            | 8.372  | 92649    | 0.829 ug/mlm |
| 5)                          | N-HEXADECANE             | 9.978  | 89094    | 0.808 ug/mlm |
| 6)                          | N-OCTADECANE             | 11.415 | 93216    | 0.845 ug/ml  |
| 7)                          | N-EICOSANE               | 12.722 | 97982    | 0.911 ug/ml  |
| 8)                          | N-DOCOSANE               | 13.918 | 100760   | 0.951 ug/ml  |
| 10)                         | N-TETRACOSANE            | 15.021 | 104341   | 0.995 ug/ml  |
| 11)                         | N-HEXACOSANE             | 16.041 | 102665   | 0.985 ug/ml  |
| 12)                         | N-OCTACOSANE             | 16.988 | 105454   | 1.010 ug/mlm |
| 13)                         | N-TRIACONTANE            | 17.875 | 107351   | 1.023 ug/ml  |
| 14)                         | N-DOTRIACONTANE          | 18.707 | 139397   | 1.299 ug/ml  |
| 15)                         | N-TETRATRIACONTANE       | 19.487 | 78681    | 0.807 ug/mlm |
| 16)                         | N-HEXATRIACONTANE        | 20.224 | 64659    | 0.752 ug/mlm |
| 17)                         | N-OCTATRIACONTANE        | 20.929 | 61801    | 0.824 ug/mlm |
| 18)                         | N-TETRACONTANE           | 21.797 | 242751   | 2.849 ug/ml  |
| -----                       |                          |        |          |              |

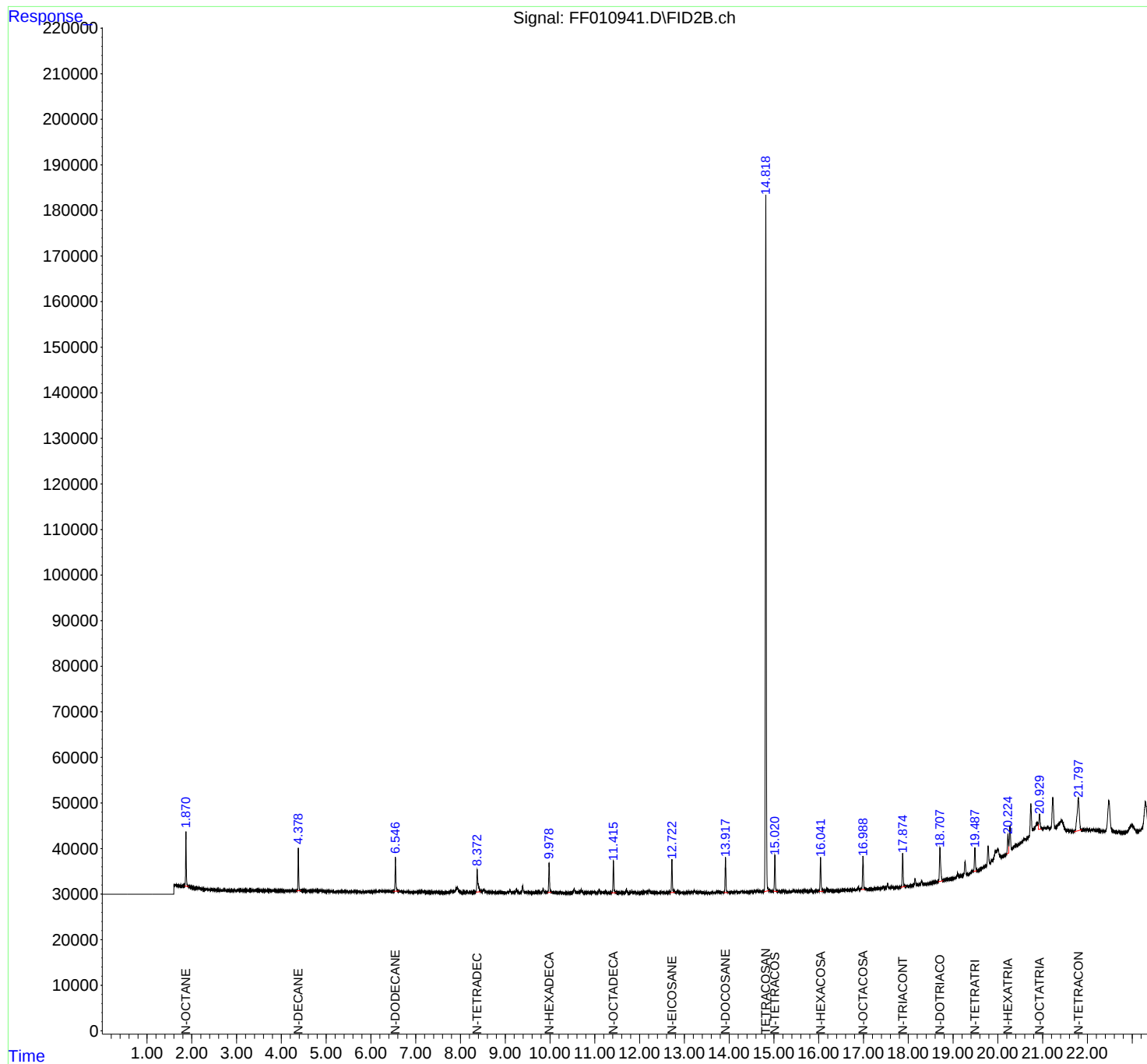
(f)=RT Delta > 1/2 Window

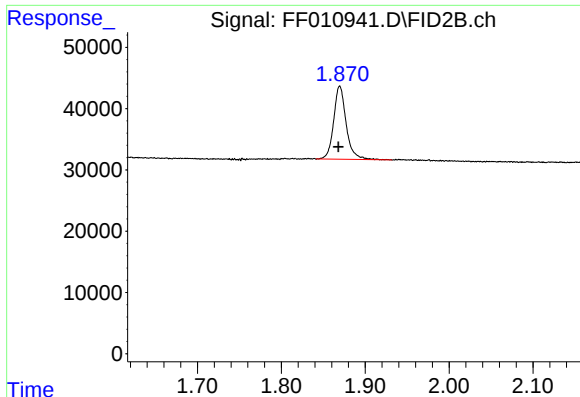
(m)=manual int.

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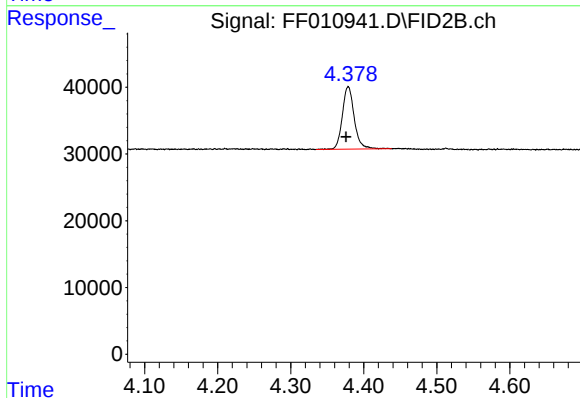
Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





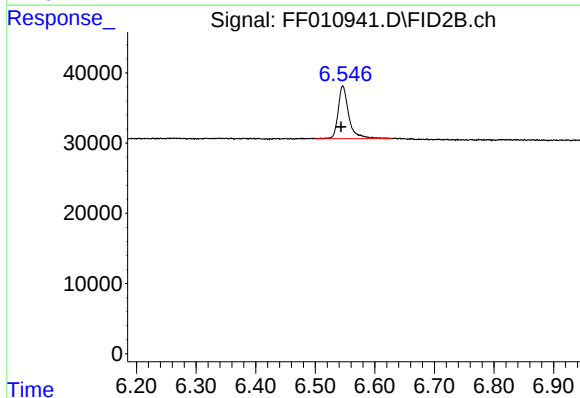
#1 N-OCTANE

R.T.: 1.870 min  
Delta R.T.: 0.002 min  
Response: 123575  
Conc: 1.10 ug/ml



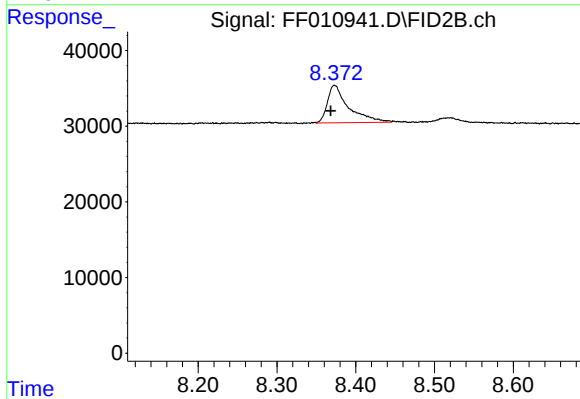
#2 N-DECANE

R.T.: 4.379 min  
Delta R.T.: 0.003 min  
Response: 105971  
Conc: 0.94 ug/ml



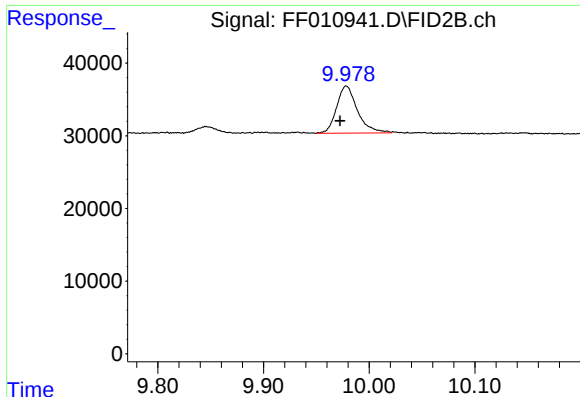
#3 N-DODECANE

R.T.: 6.546 min  
Delta R.T.: 0.003 min  
Response: 92387  
Conc: 0.83 ug/ml



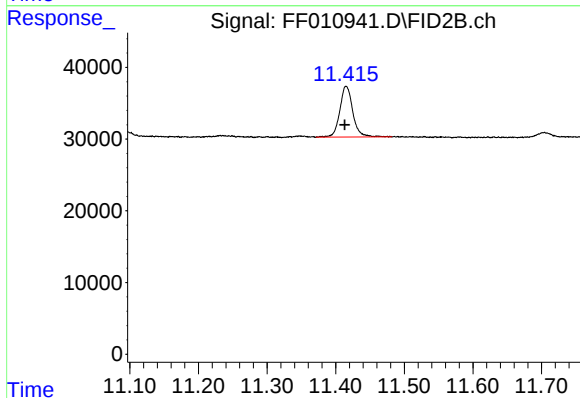
#4 N-TETRADECANE

R.T.: 8.372 min  
Delta R.T.: 0.003 min  
Response: 92649  
Conc: 0.83 ug/ml m



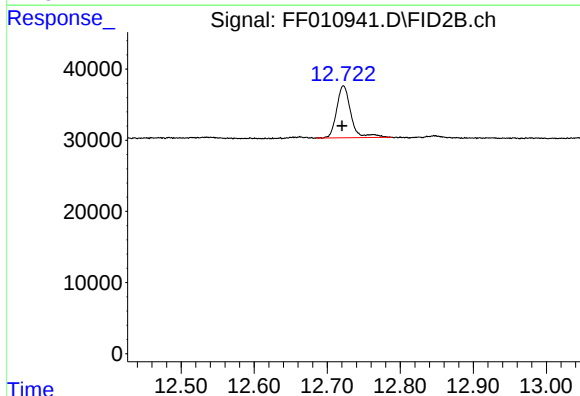
#5 N-HEXADECANE

R.T.: 9.978 min  
Delta R.T.: 0.006 min  
Response: 89094  
Conc: 0.81 ug/ml m



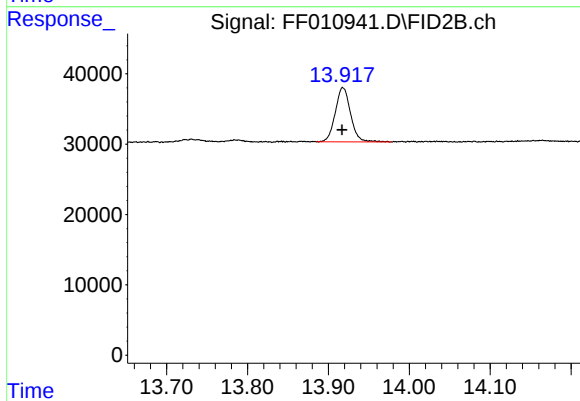
#6 N-OCTADECANE

R.T.: 11.415 min  
Delta R.T.: 0.002 min  
Response: 93216  
Conc: 0.84 ug/ml



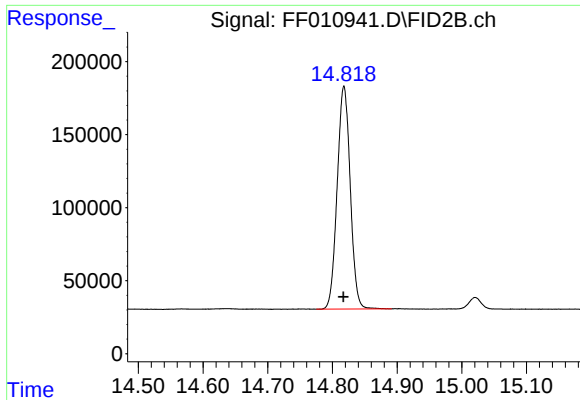
#7 N-EICOSANE

R.T.: 12.722 min  
Delta R.T.: 0.002 min  
Response: 97982  
Conc: 0.91 ug/ml



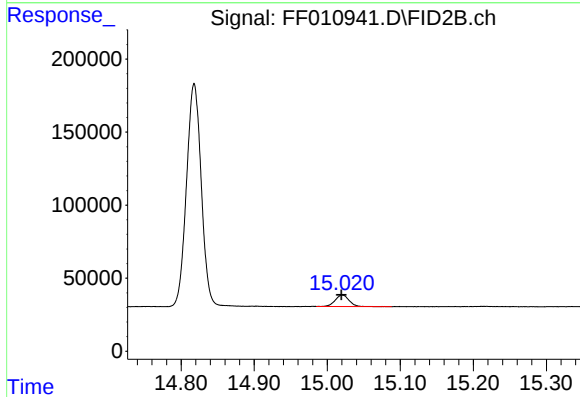
#8 N-DOCOSANE

R.T.: 13.918 min  
Delta R.T.: 0.001 min  
Response: 100760  
Conc: 0.95 ug/ml



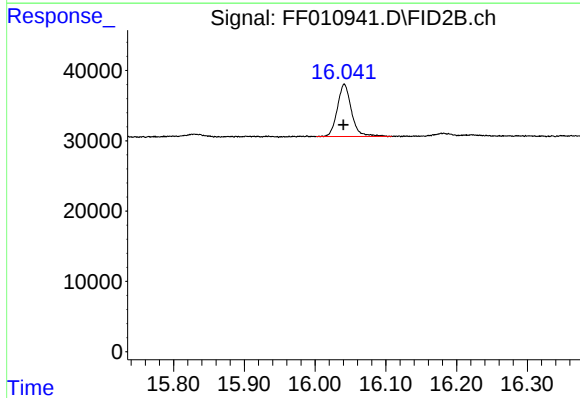
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.818 min  
Delta R.T.: 0.000 min  
Response: 2141235  
Conc: 22.83 ug/ml



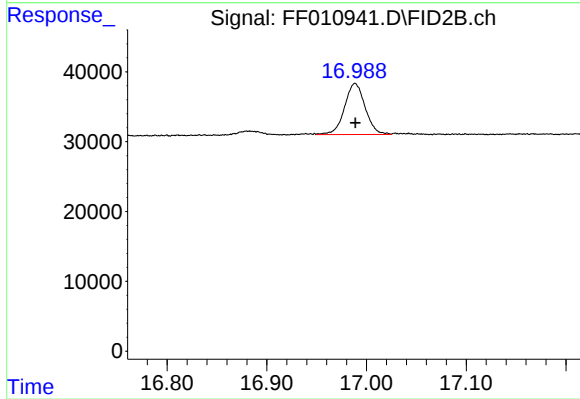
#10 N-TETRACOSANE

R.T.: 15.021 min  
Delta R.T.: 0.001 min  
Response: 104341  
Conc: 1.00 ug/ml



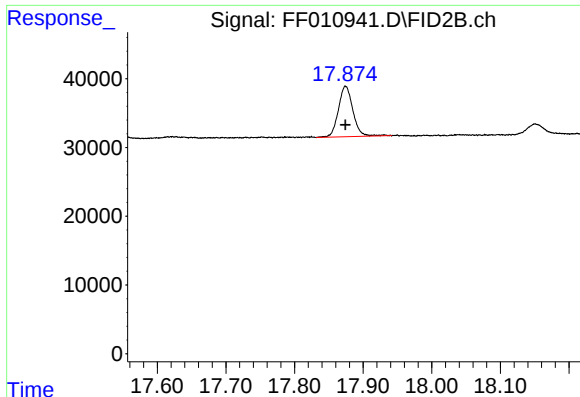
#11 N-HEXACOSANE

R.T.: 16.041 min  
Delta R.T.: 0.001 min  
Response: 102665  
Conc: 0.99 ug/ml



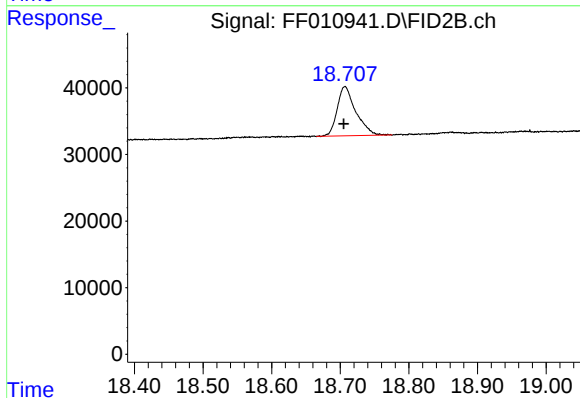
#12 N-OCTACOSANE

R.T.: 16.988 min  
Delta R.T.: 0.000 min  
Response: 105454  
Conc: 1.01 ug/ml m



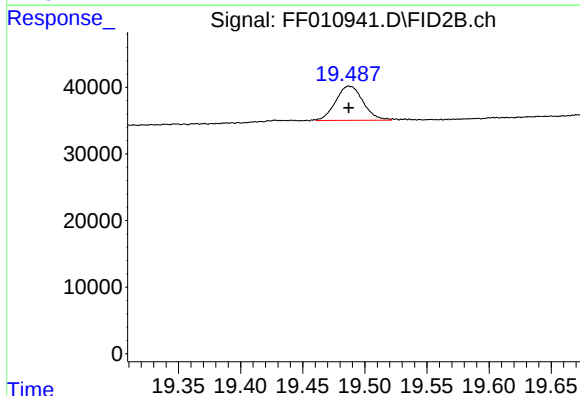
#13 N-TRIACONTANE

R.T.: 17.875 min  
Delta R.T.: 0.000 min  
Response: 107351  
Conc: 1.02 ug/ml



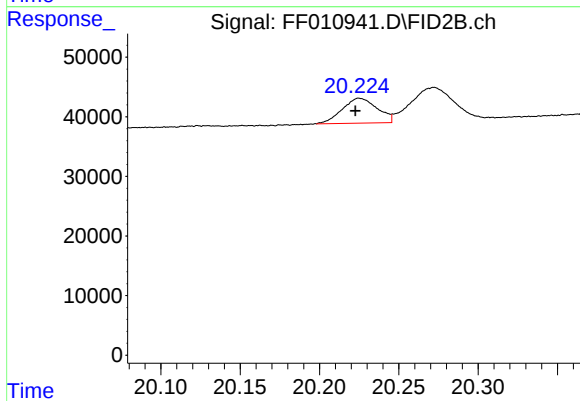
#14 N-DOTRIACONTANE

R.T.: 18.707 min  
Delta R.T.: 0.002 min  
Response: 139397  
Conc: 1.30 ug/ml



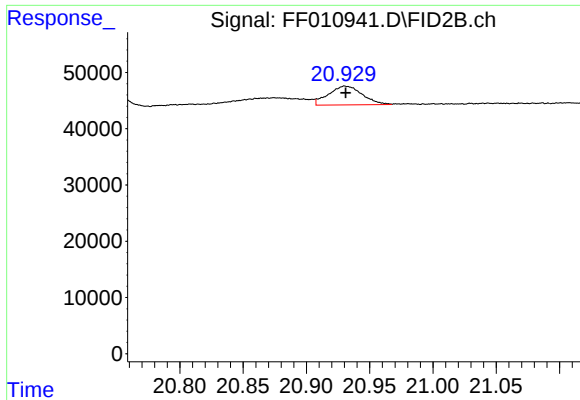
#15 N-TETRATRIACONTANE

R.T.: 19.487 min  
Delta R.T.: 0.000 min  
Response: 78681  
Conc: 0.81 ug/ml m



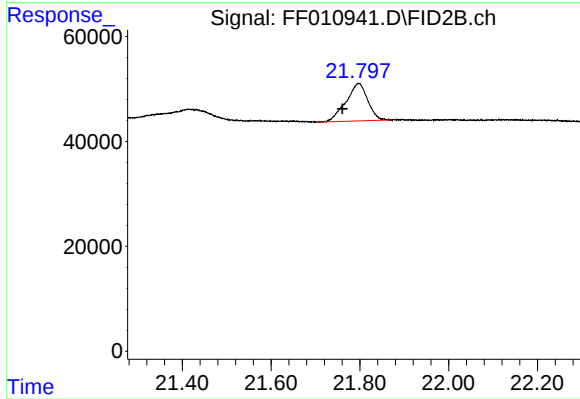
#16 N-HEXATRIACONTANE

R.T.: 20.224 min  
Delta R.T.: 0.001 min  
Response: 64659  
Conc: 0.75 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.929 min  
Delta R.T.: -0.002 min  
Response: 61801  
Conc: 0.82 ug/ml m



#18 N-TETRACONTANE

R.T.: 21.797 min  
Delta R.T.: 0.037 min  
Response: 242751  
Conc: 2.85 ug/ml