Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102822\
Data File : PS020934.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2022 23:41
Operator : AR\AJ
Sample : N5234-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
ECD_S
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 10:12:52 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS102822.M
Quant Title : 8080.M
QLast Update : Mon Oct 31 10:07:57 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

| | | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml | |
|---|---|---|---|---|---|---|---|---|---|
| | | System Monitoring Compounds | | | | | | | |
| 4) | S | 2,4-DCAA | 6.408 | 6.850 | 279.2E6 | 59590943 | 133.762 | 43.084 | # |
| | | Target Compounds | | | | | | | |
| 1) | T | Dalapon | 2.543f | 2.538 | 227.7E6 | 430.6E6 | 86.040 | 236.754 | # |
| 2) | T | 3,5-DICHL... | 5.784 | 6.020 | 86363387 | 35712414 | 28.202 | 17.498 | # |
| 3) | T | 4-Nitroph... | 6.246 | 6.438 | 596.9E6 | 19192582 | 396.843 | 22.323 | # |
| 5) | T | DICAMBA | 6.556 | 7.010 | 131.1E6 | 28109227 | 14.842 | 4.526 | # |
| 6) | T | MCPP | 6.712 | 7.135 | 300.7E6 | 32561735 | 46.079 | 6.854 | # |
| 7) | T | MCPA | 6.867 | 7.318 | 171.0E6 | 58934447 | 18.228 | 8.686 | # |
| 8) | T | DICHLORPROP | 7.141 | 7.663 | 47833670 | 1429.5E6 | 20.955 | 928.367 | # |
| 9) | T | 2,4-D | 7.341 | 7.918 | 22633080 | 265.4E6 | 8.098 | 141.711 | # |
| 10) | T | Pentachlo... | 7.611 | 8.387 | 298.7E6 | 31959743 | 9.479 | 1.507 | # |
| 11) | T | 2,4,5-TP ... | 8.137 | 8.684f | 1927.9E6 | 25464.4E6 | 145.121 | 2837.624 | # |
| 12) | T | 2,4,5-T | 8.379 | 9.135 | 385.3E6 | 930.0E6 | 28.958 | 107.866 | # |
| 13) | T | 2,4-DB | 8.911 | 9.631 | 3383.5E6 | 5900.0E6 | 1226.354 | 5300.889 | # |
| 14) | T | DINOSEB | 9.895f | 9.945 | 29947.9E6 | 2675.3E6 | 2758.283 | 417.930 | # |
| 15) | T | Picloram | 9.738 | 10.935 | 2058.1E6 | 21173.2E6 | 97.434 | 1668.827 | # |
| 16) | T | DCPA | 10.231 | 10.867 | 3488.7E6 | 937.3E6 | 192.773 | 87.780 | # |

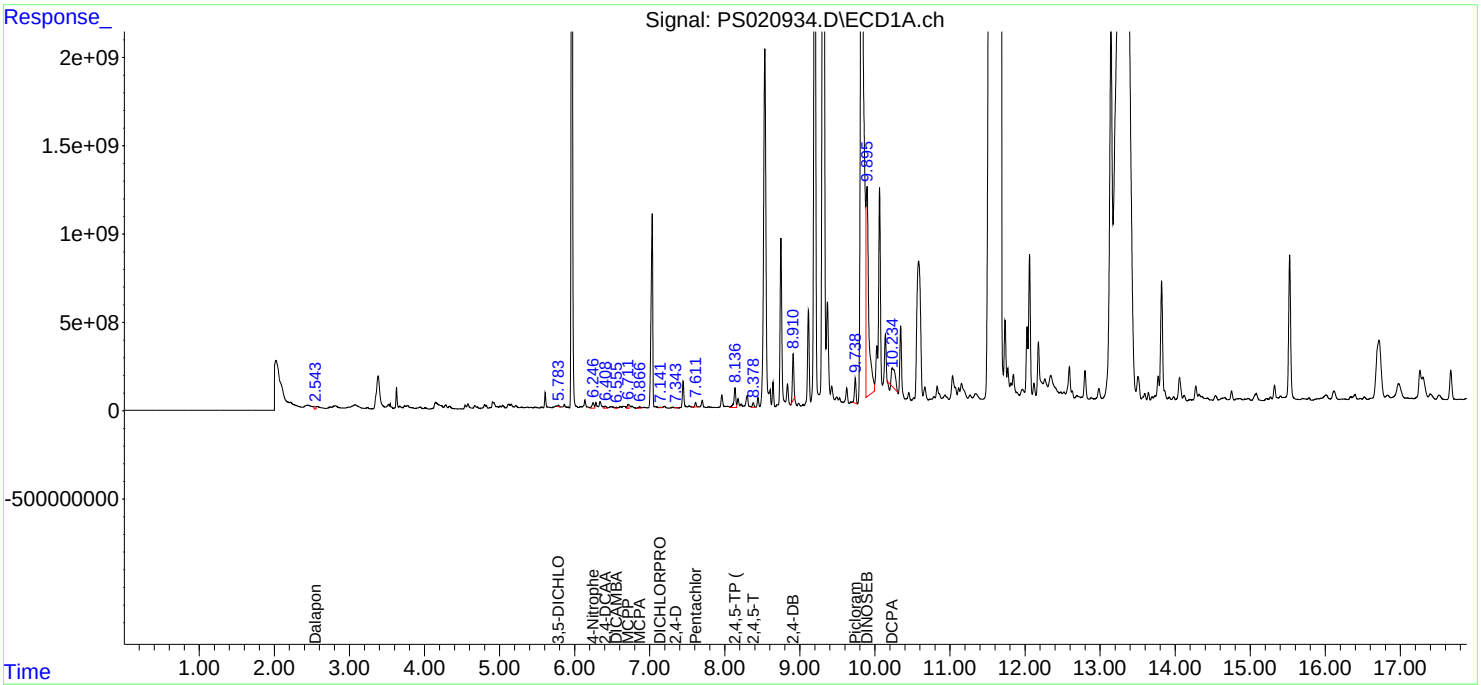
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

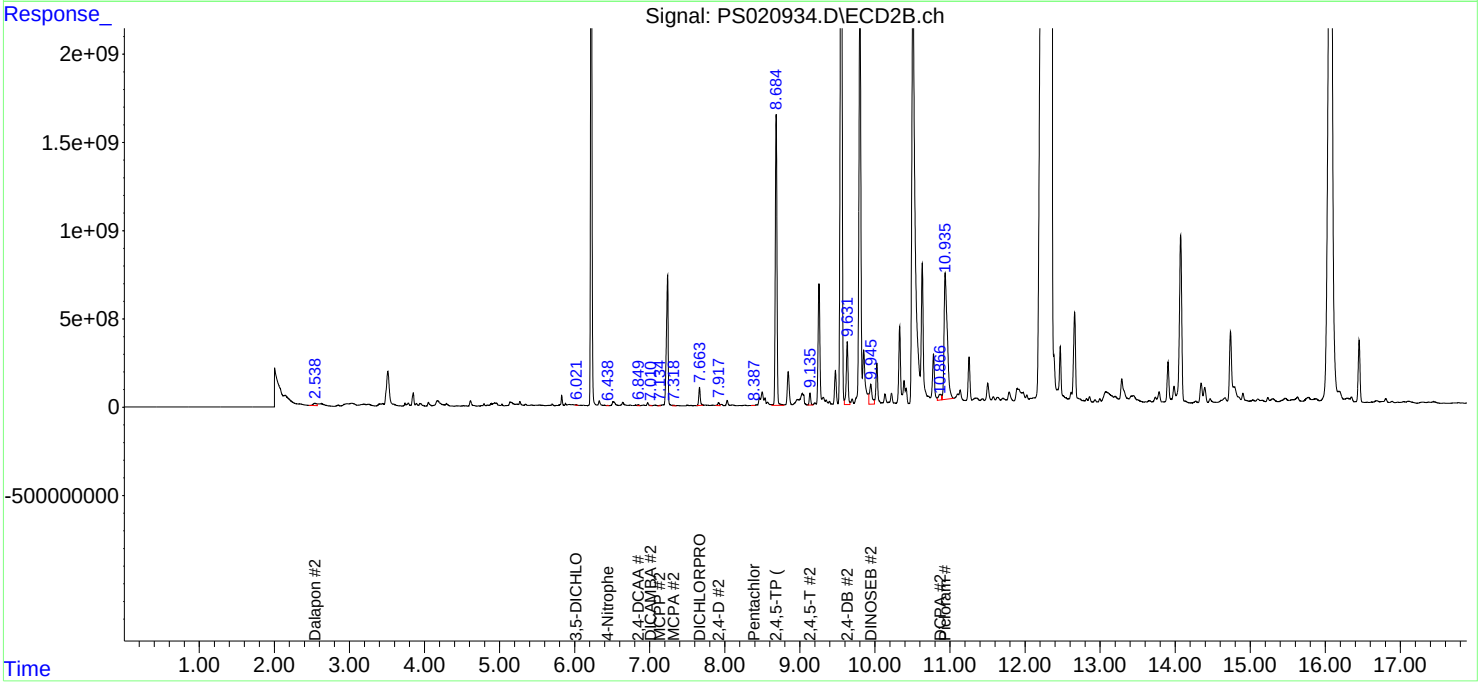
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102822\
Data File : PS020934.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2022 23:41
Operator : AR\AJ
Sample : N5234-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

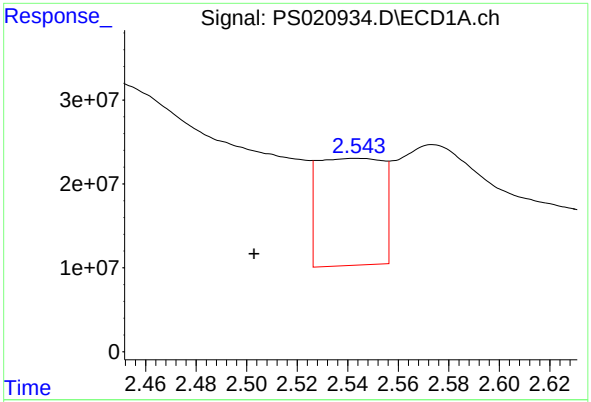
**Instrument :**
ECD_S
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 10:12:52 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS102822.M
Quant Title : 8080.M
QLast Update : Mon Oct 31 10:07:57 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.25µm



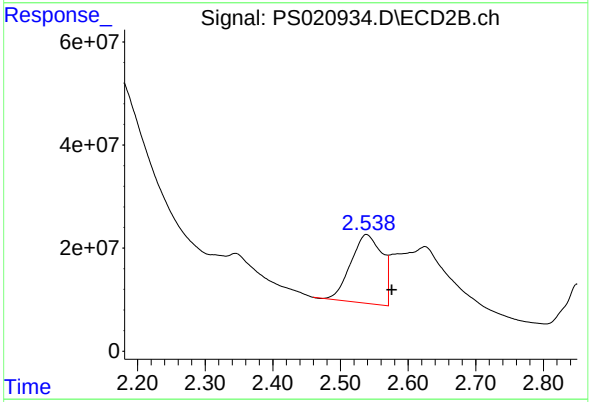






#1 Dalapon

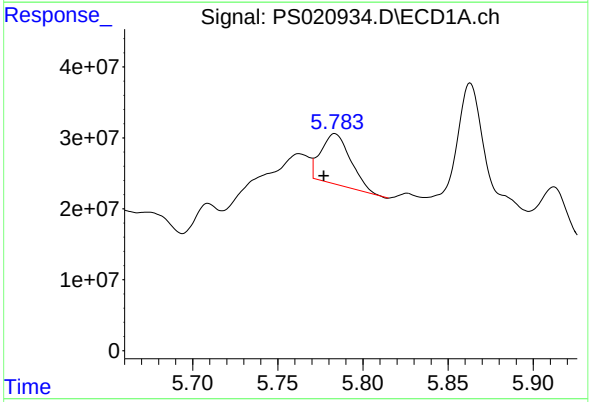
R.T.: 2.543 min
Delta R.T.: 0.040 min
Response: 227706737
Conc: 86.04 ng/ml

**Instrument :**
ECD_S
**ClientSampleId :**



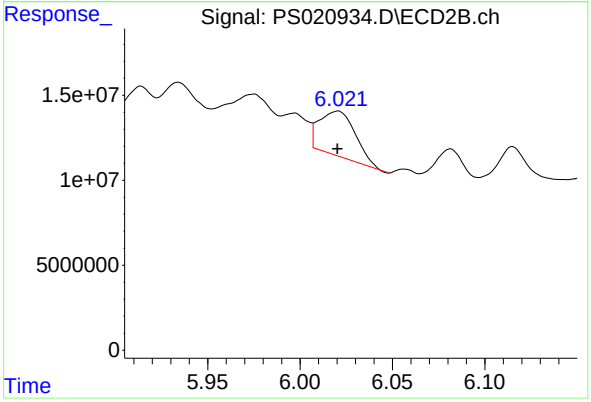

#1 Dalapon

R.T.: 2.538 min
Delta R.T.: -0.037 min
Response: 430597719
Conc: 236.75 ng/ml



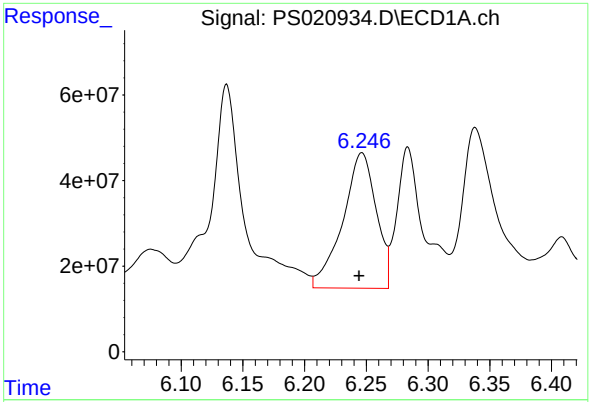

#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.784 min
Delta R.T.: 0.007 min
Response: 86363387
Conc: 28.20 ng/ml




#2 3,5-DICHLOROBENZOIC ACID

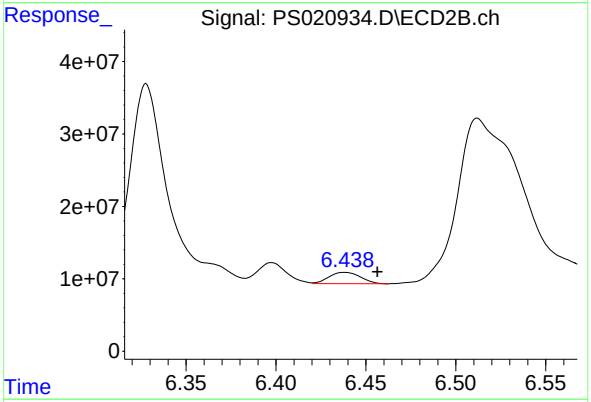
R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 35712414
Conc: 17.50 ng/ml




#3 4-Nitrophenol

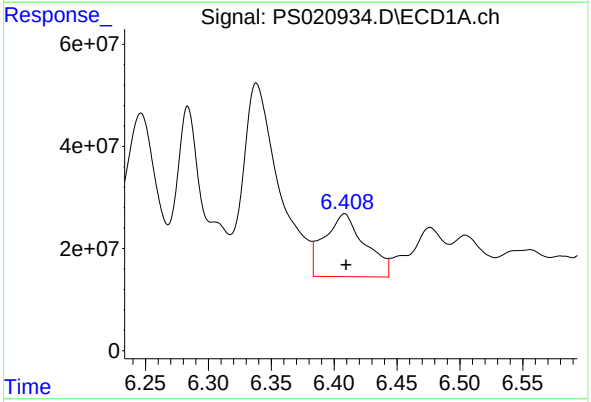
R.T.: 6.246 min
Delta R.T.: 0.002 min
Response: 596876187
Conc: 396.84 ng/ml

**Instrument :**
ECD_S
**ClientSampleId :**



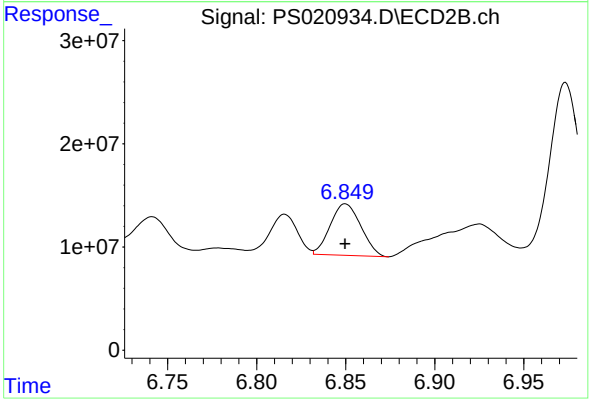

#3 4-Nitrophenol

R.T.: 6.438 min
Delta R.T.: -0.018 min
Response: 19192582
Conc: 22.32 ng/ml



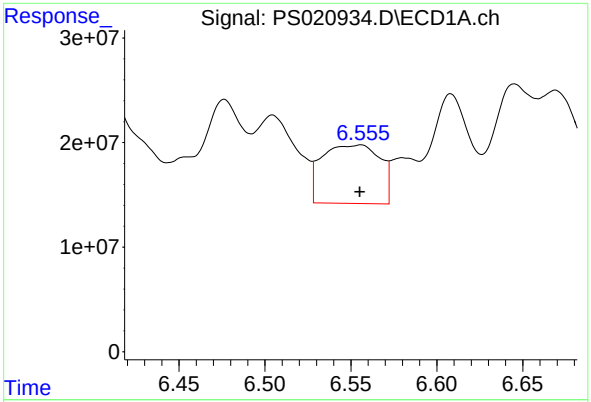

#4 2,4-DCAA

R.T.: 6.408 min
Delta R.T.: -0.001 min
Response: 279171574
Conc: 133.76 ng/ml




#4 2,4-DCAA

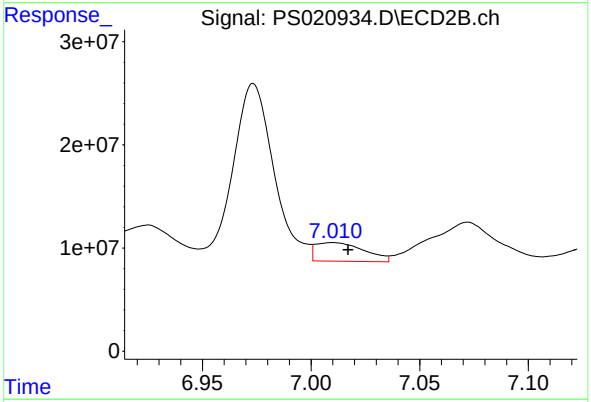
R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 59590943
Conc: 43.08 ng/ml




#5 DICAMBA

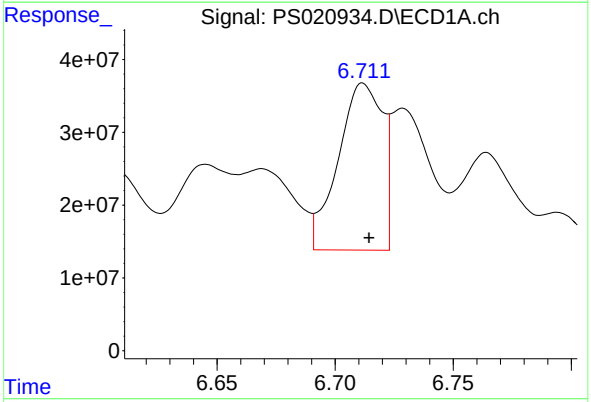
R.T.: 6.556 min
Delta R.T.: 0.000 min
Response: 131124398
Conc: 14.84 ng/ml

**Instrument :**
ECD_S
**ClientSampleId :**



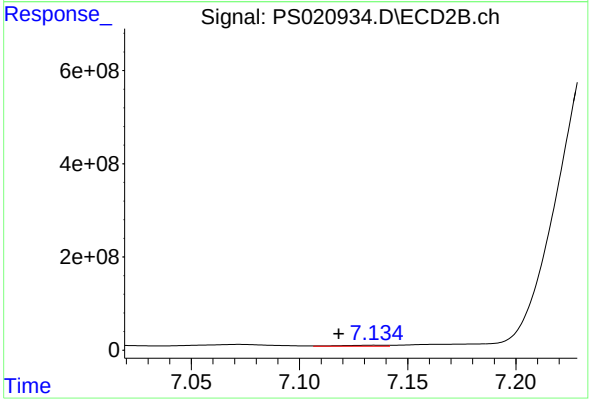

#5 DICAMBA

R.T.: 7.010 min
Delta R.T.: -0.007 min
Response: 28109227
Conc: 4.53 ng/ml



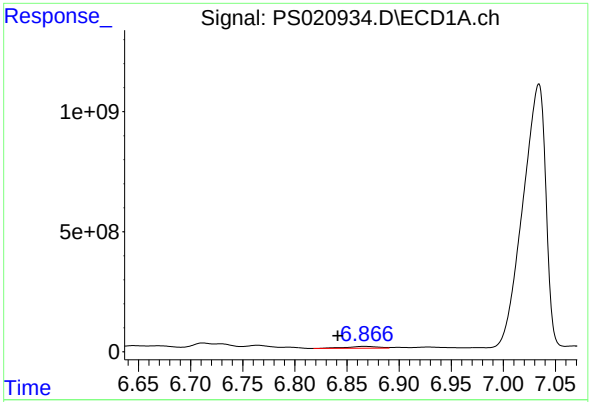

#6 MCPP

R.T.: 6.712 min
Delta R.T.: -0.003 min
Response: 300739120
Conc: 46.08 ug/ml




#6 MCPP

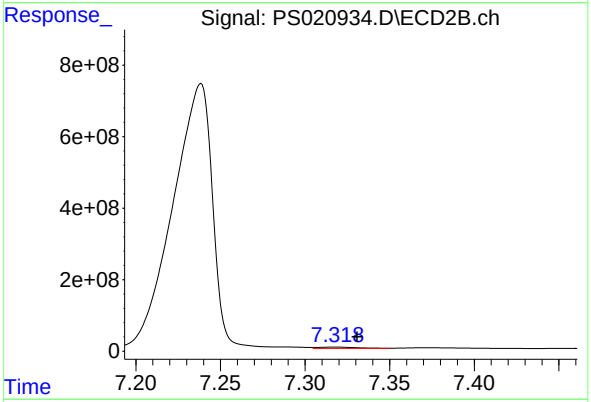
R.T.: 7.135 min
Delta R.T.: 0.017 min
Response: 32561735
Conc: 6.85 ug/ml




#7 MCPA

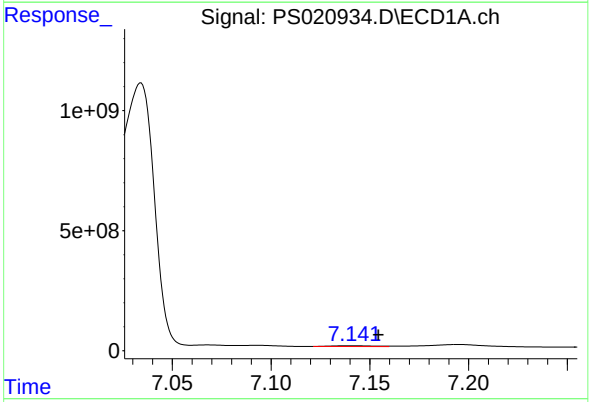
R.T.: 6.867 min
Delta R.T.: 0.026 min
Response: 171035355
Conc: 18.23 ug/ml

**Instrument :**
ECD_S
**ClientSampleId :**



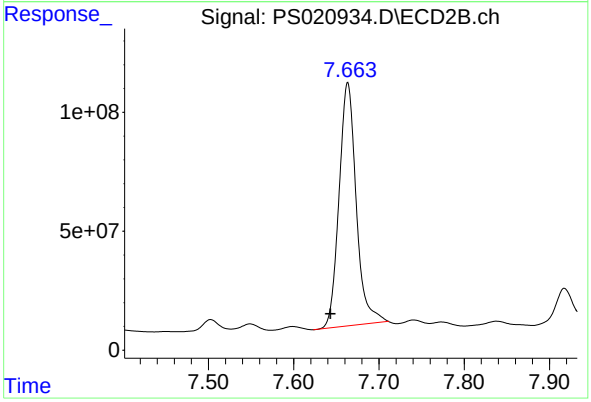

#7 MCPA

R.T.: 7.318 min
Delta R.T.: -0.013 min
Response: 58934447
Conc: 8.69 ug/ml



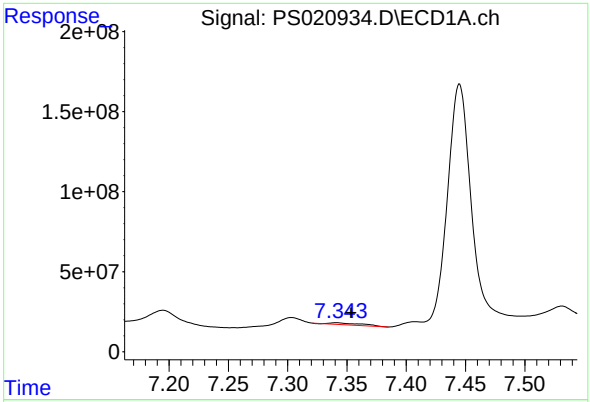

#8 DICHLORPROP

R.T.: 7.141 min
Delta R.T.: -0.014 min
Response: 47833670
Conc: 20.96 ng/ml




#8 DICHLORPROP

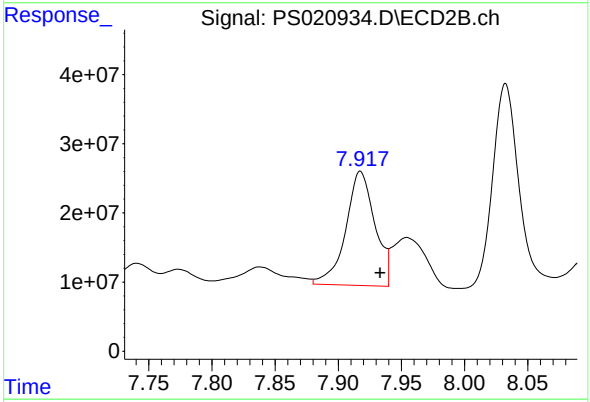
R.T.: 7.663 min
Delta R.T.: 0.020 min
Response: 1429515221
Conc: 928.37 ng/ml




#9 2,4-D

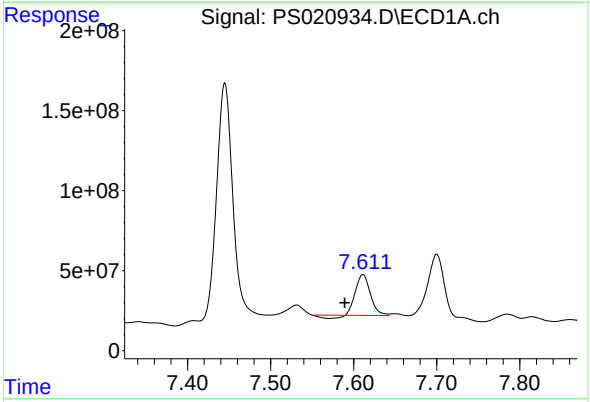
R.T.: 7.341 min
Delta R.T.: -0.012 min
Response: 22633080
Conc: 8.10 ng/ml

**Instrument :**
ECD_S
**ClientSampleId :**



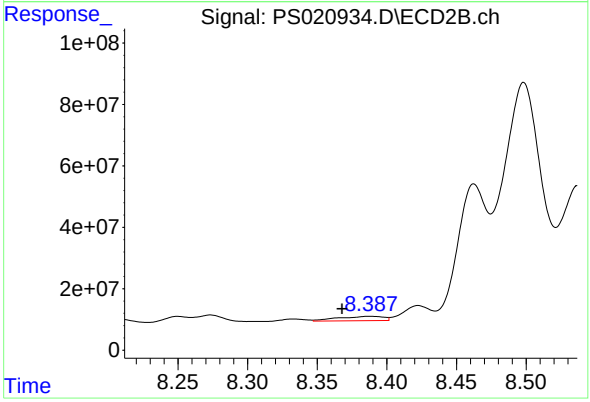

#9 2,4-D

R.T.: 7.918 min
Delta R.T.: -0.016 min
Response: 265404799
Conc: 141.71 ng/ml



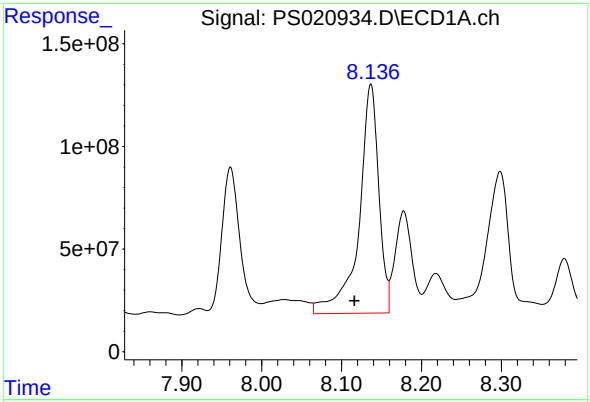

#10 Pentachlorophenol

R.T.: 7.611 min
Delta R.T.: 0.022 min
Response: 298686608
Conc: 9.48 ng/ml




#10 Pentachlorophenol

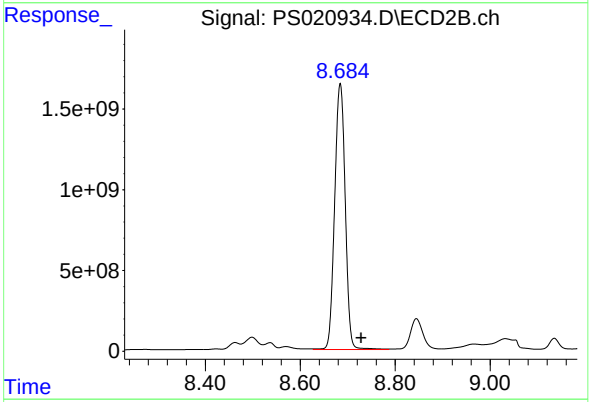
R.T.: 8.387 min
Delta R.T.: 0.020 min
Response: 31959743
Conc: 1.51 ng/ml




#11 2,4,5-TP (SILVEX)

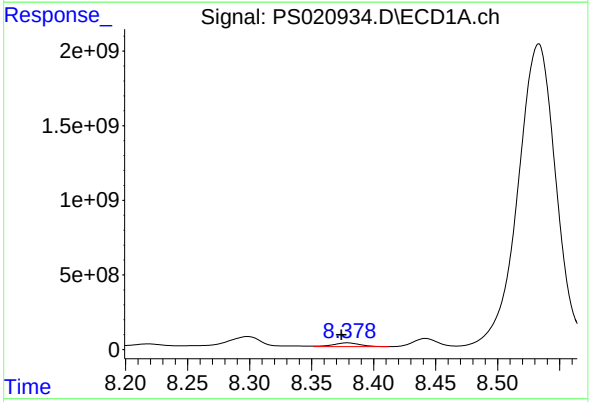
R.T.: 8.137 min
Delta R.T.: 0.020 min
Response: 1927885145
Conc: 145.12 ng/ml

**Instrument :**
ECD_S
**ClientSampleId :**



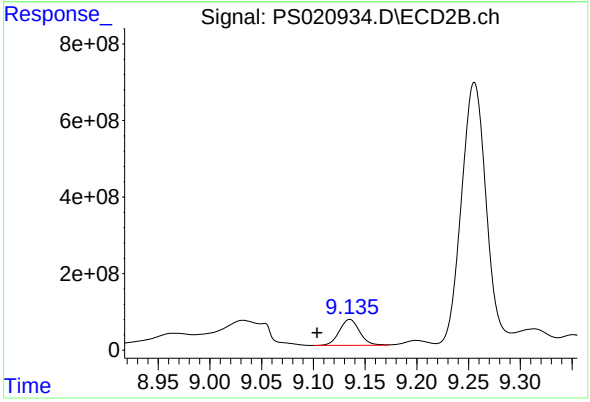

#11 2,4,5-TP (SILVEX)

R.T.: 8.684 min
Delta R.T.: -0.044 min
Response: 25464412469
Conc: 2837.62 ng/ml



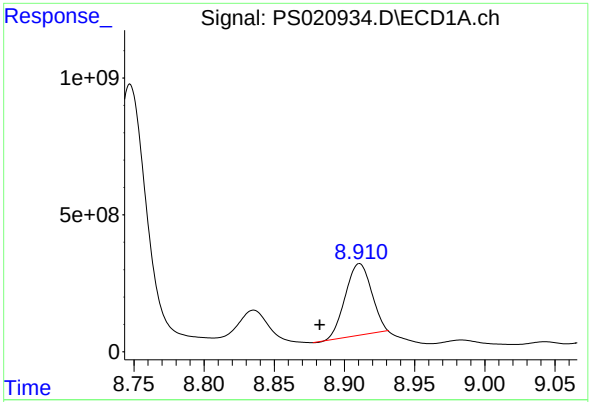

#12 2,4,5-T

R.T.: 8.379 min
Delta R.T.: 0.005 min
Response: 385327083
Conc: 28.96 ng/ml




#12 2,4,5-T

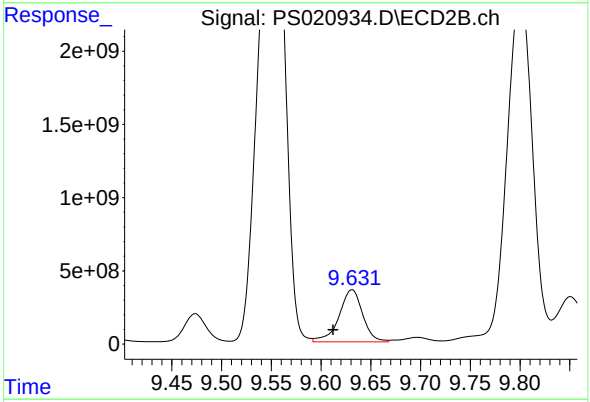
R.T.: 9.135 min
Delta R.T.: 0.032 min
Response: 930030683
Conc: 107.87 ng/ml




#13 2,4-DB

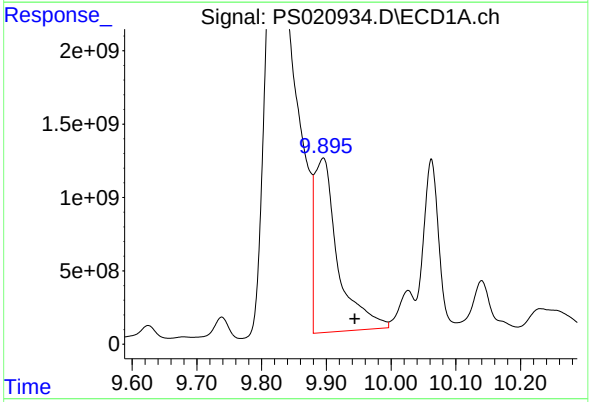
R.T.: 8.911 min
Delta R.T.: 0.028 min
Response: 3383480424
Conc: 1226.35 ng/m

**Instrument :**
ECD_S
**ClientSampleId :**



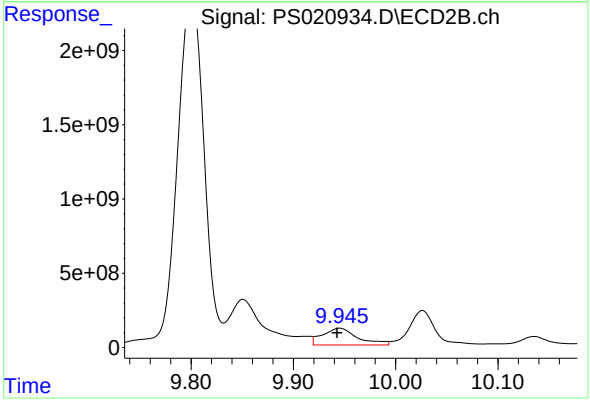

#13 2,4-DB

R.T.: 9.631 min
Delta R.T.: 0.019 min
Response: 5900028645
Conc: 5300.89 ng/ml



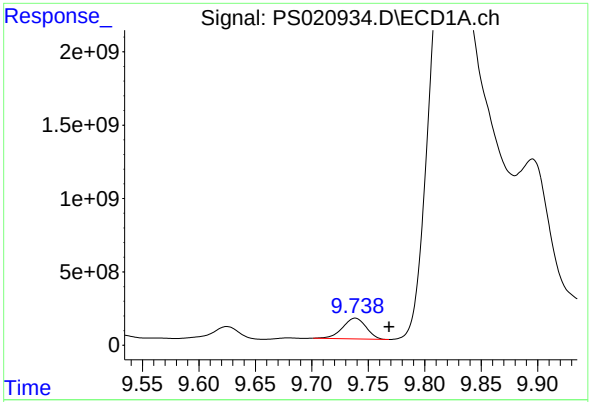

#14 DINOSEB

R.T.: 9.895 min
Delta R.T.: -0.049 min
Response: 29947850722
Conc: 2758.28 ng/ml




#14 DINOSEB

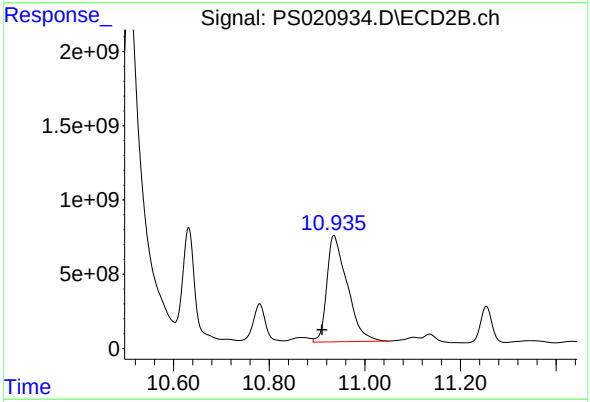
R.T.: 9.945 min
Delta R.T.: 0.003 min
Response: 2675316114
Conc: 417.93 ng/ml




#15 Picloram

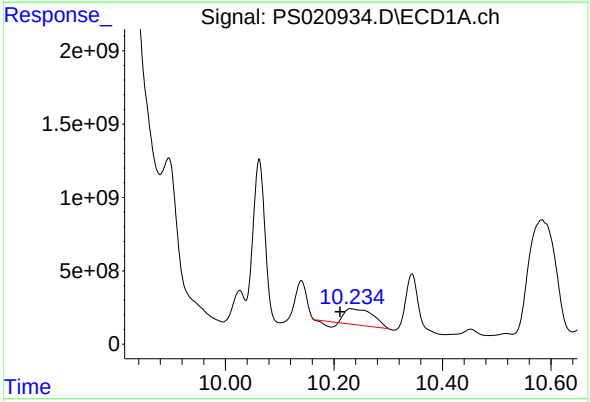
R.T.: 9.738 min
Delta R.T.: -0.030 min
Response: 2058071678
Conc: 97.43 ng/ml

**Instrument :**
ECD_S
**ClientSampleId :**



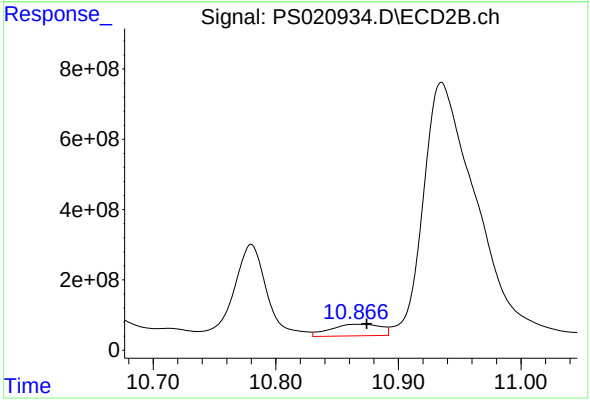

#15 Picloram

R.T.: 10.935 min
Delta R.T.: 0.025 min
Response: 21173202687
Conc: 1668.83 ng/ml




#16 DCPA

R.T.: 10.231 min
Delta R.T.: 0.020 min
Response: 3488680295
Conc: 192.77 ng/ml




#16 DCPA

R.T.: 10.867 min
Delta R.T.: -0.008 min
Response: 937299310
Conc: 87.78 ng/ml