

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062025\
 Data File : PS030790.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2025 20:07
 Operator : AR\AJ
 Sample : Q2126-07
 Misc : LOD MDL WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/23/2025
 Supervised By :mohammad ahmed 06/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 23:02:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 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	7.344	7.768	1406.7E6	406.5E6	382.828	379.217
Target Compounds							
1) T	Dalapon	2.706	2.711	521.5E6	321.4E6	87.409	117.234 #
2) T	3,5-DICHL...	6.504	6.714	670.6E6	200.1E6	124.710	124.039m
3) T	4-Nitroph...	7.144	7.302	200.2E6	191.9E6	126.955	110.716
5) T	DICAMBA	7.534	7.971	1822.5E6	744.9E6	119.780	113.668
6) T	MCPD	7.712	8.066	70303893	17554028	7.488m	8.370m
7) T	MCPA	7.862	8.313	109.7E6	27763975	9.353	8.826
8) T	DICHLORPROP	8.247	8.690	466.0E6	197.0E6	124.396m	125.280
9) T	2,4-D	8.481	9.026	461.5E6	213.1E6	133.979	125.412
10) T	Pentachlo...	8.788	9.550	6670.8E6	4396.1E6	126.042	115.317
11) T	2,4,5-TP ...	9.369	9.931	2477.5E6	1697.8E6	123.689	117.670
12) T	2,4,5-T	9.662	10.357	1972.1E6	1633.7E6	119.862	119.555
13) T	2,4-DB	10.241	10.925	298.8E6	146.1E6	130.282	123.515m
14) T	DINOSEB	11.459	11.310	1667.3E6	1230.3E6	120.180m	114.113
15) T	Picloram	11.270	12.420	1793.7E6	2326.4E6	111.578m	100.099
16) T	DCPA	11.754	12.354	3192.5E6	2594.3E6	124.627m	117.693m

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

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Misc : LOD MDL WATER
ALS Vial : 21 Sample Multiplier: 1

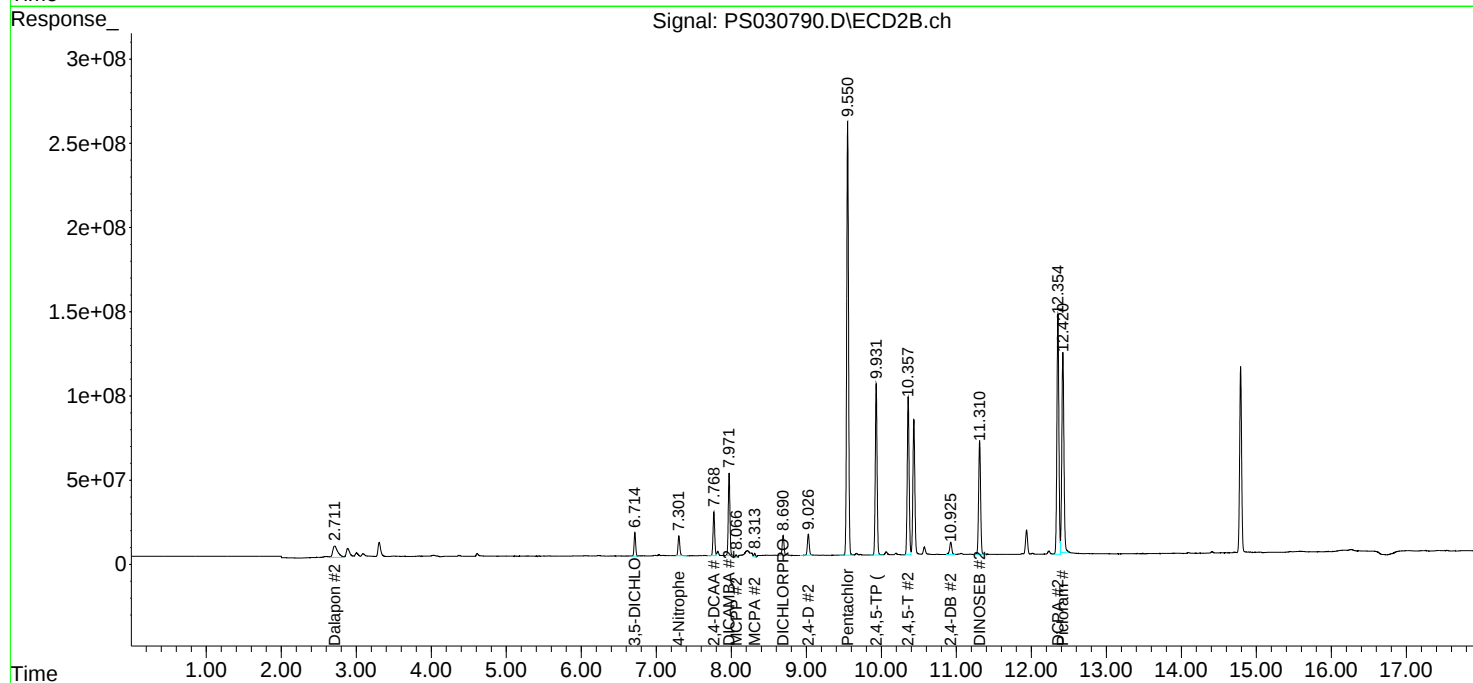
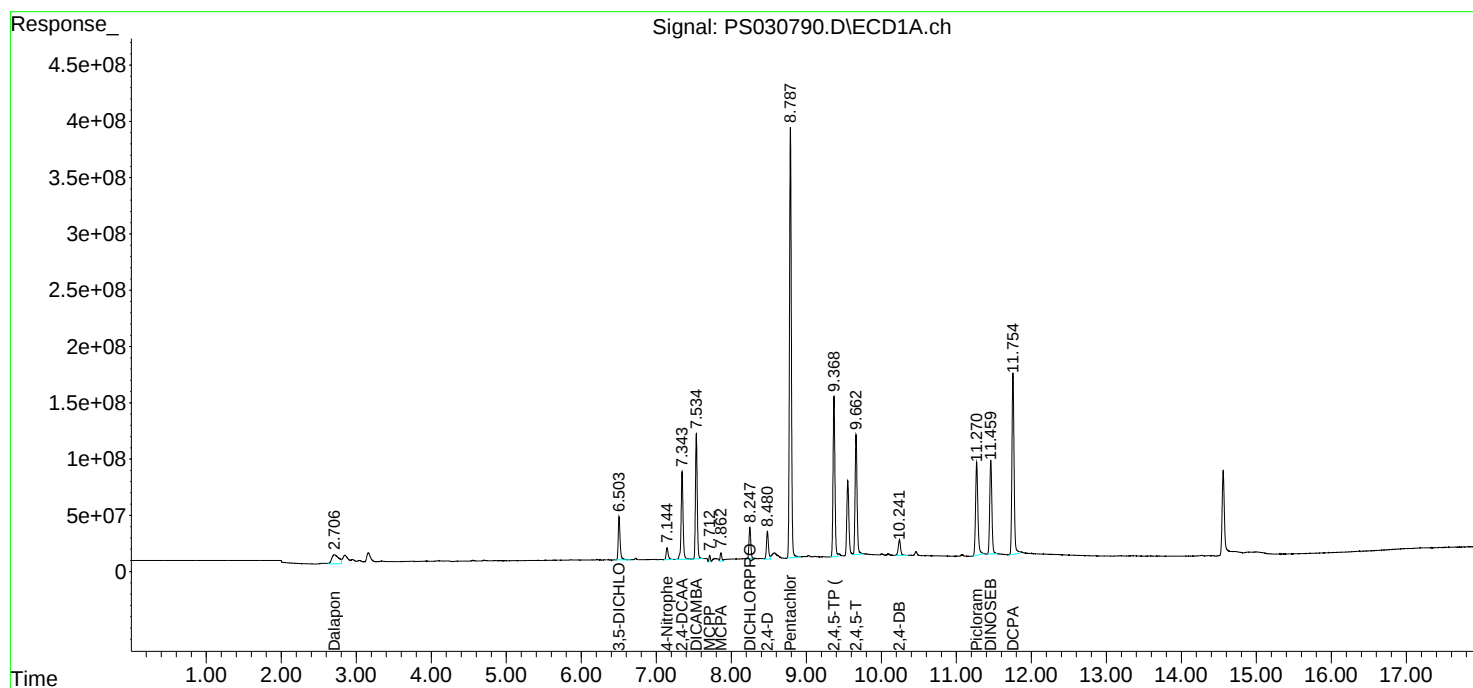
Instrument :
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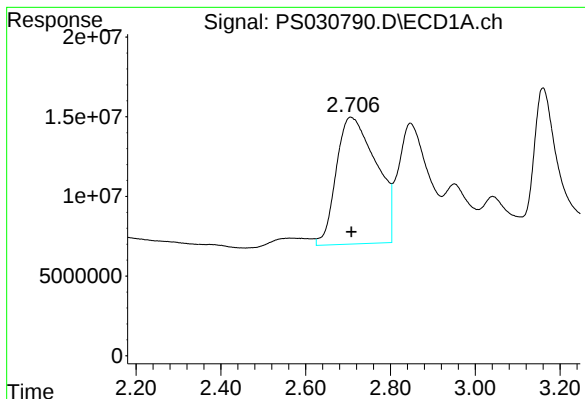
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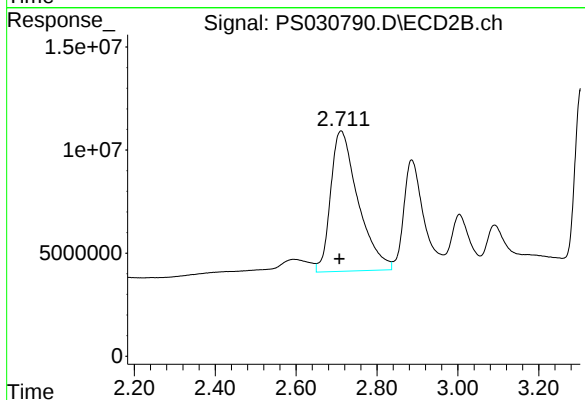
#1 Dalapon

R.T.: 2.706 min
Delta R.T.: -0.002 min
Response: 521452635
Conc: 87.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

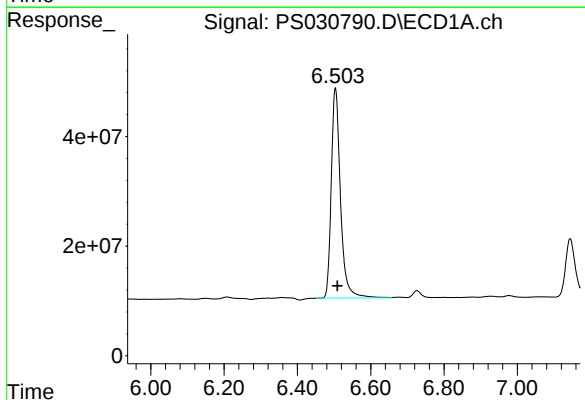
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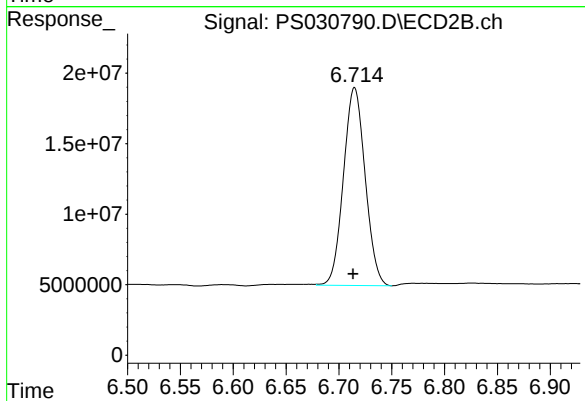
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: 0.004 min
Response: 321424768
Conc: 117.23 ng/ml



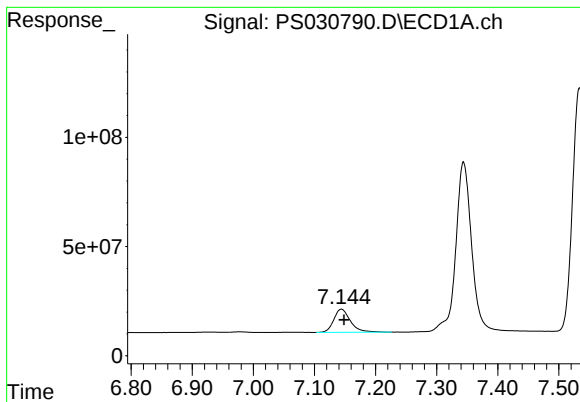
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.504 min
Delta R.T.: -0.005 min
Response: 670635823
Conc: 124.71 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 200093079
Conc: 124.04 ng/ml m



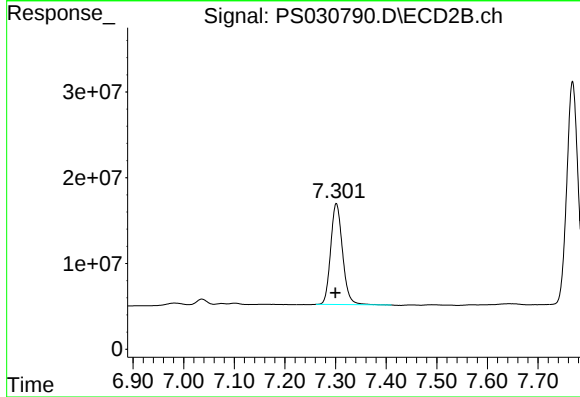
#3 4-Nitrophenol

R.T.: 7.144 min
Delta R.T.: -0.005 min
Response: 200178838
Conc: 126.96 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

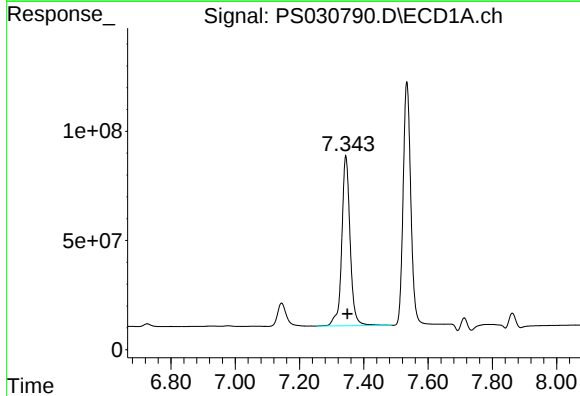
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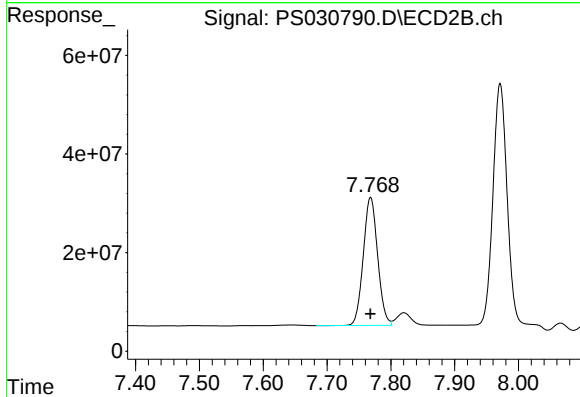
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: 0.002 min
Response: 191930888
Conc: 110.72 ng/ml



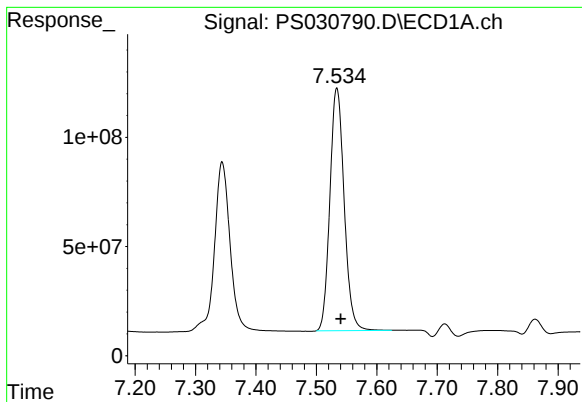
#4 2,4-DCAA

R.T.: 7.344 min
Delta R.T.: -0.006 min
Response: 1406660841
Conc: 382.83 ng/ml



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 406506867
Conc: 379.22 ng/ml



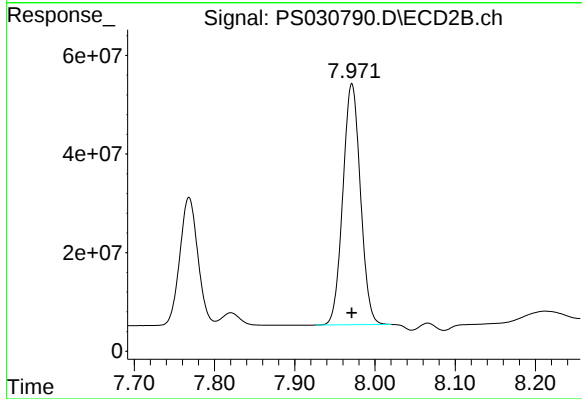
#5 DICAMBA

R.T.: 7.534 min
Delta R.T.: -0.007 min
Response: 1822462355
Conc: 119.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
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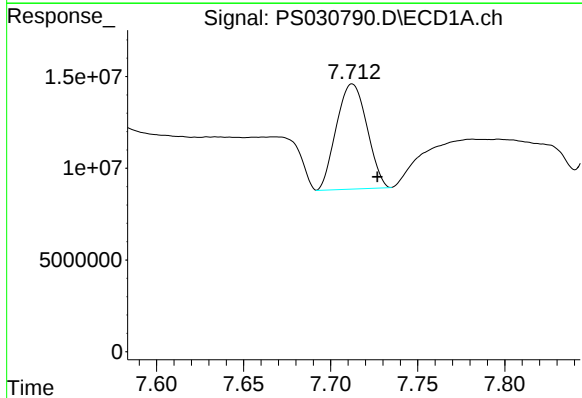
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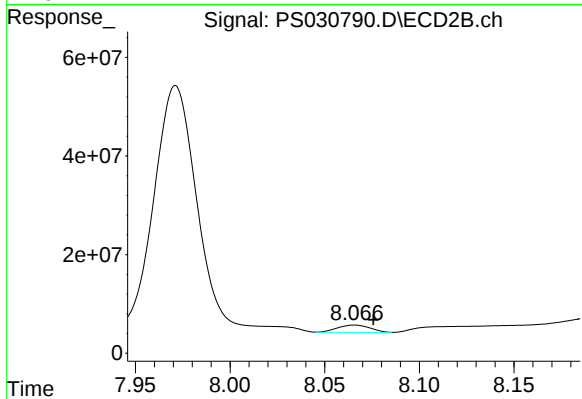
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 744888325
Conc: 113.67 ng/ml



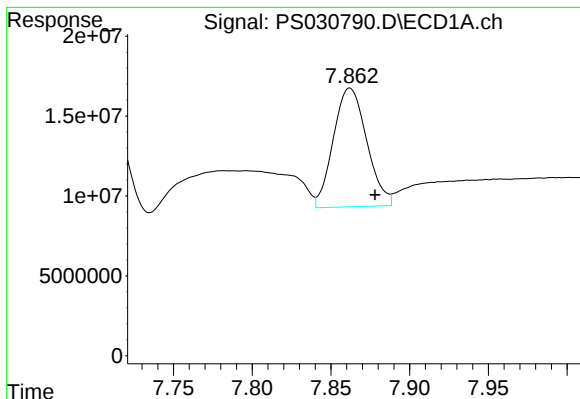
#6 MCP

R.T.: 7.712 min
Delta R.T.: -0.015 min
Response: 70303893
Conc: 7.49 ug/ml m



#6 MCP

R.T.: 8.066 min
Delta R.T.: -0.010 min
Response: 17554028
Conc: 8.37 ug/ml m



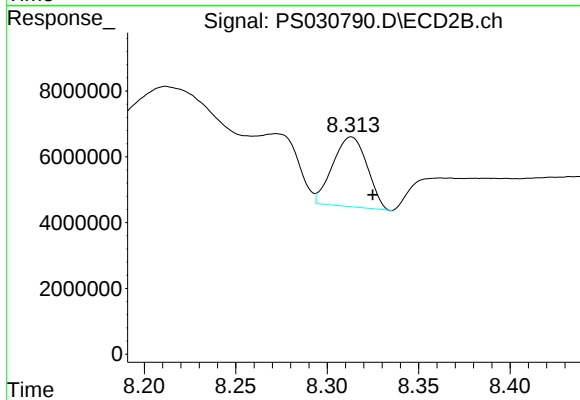
#7 MCPA

R.T.: 7.862 min
Delta R.T.: -0.016 min
Response: 109721389
Conc: 9.35 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

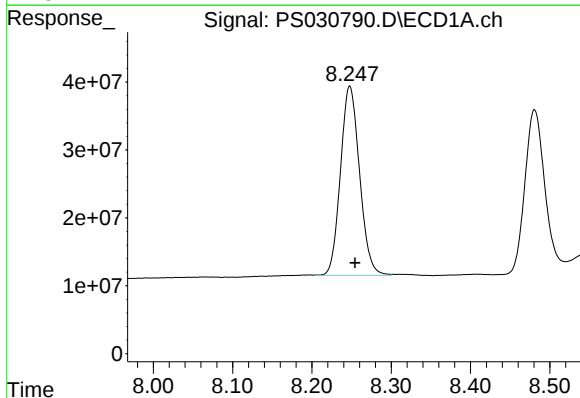
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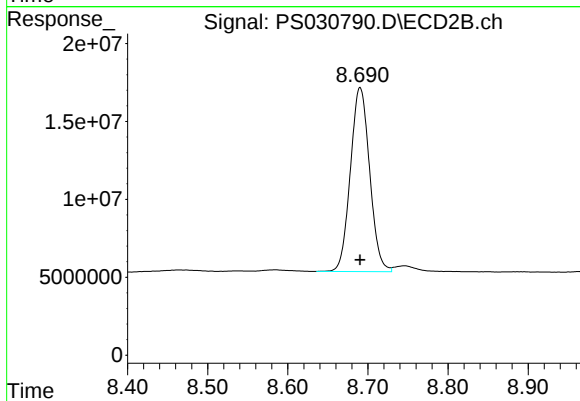
#7 MCPA

R.T.: 8.313 min
Delta R.T.: -0.012 min
Response: 27763975
Conc: 8.83 ug/ml



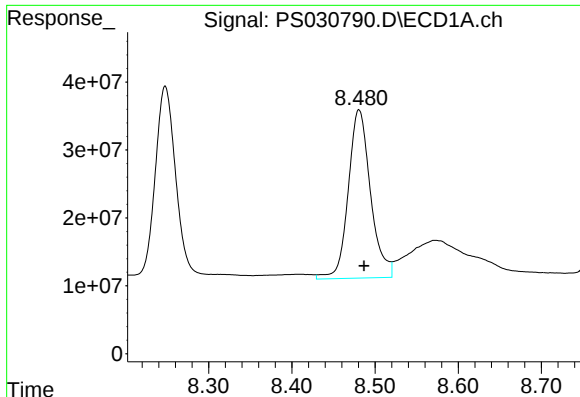
#8 DICHLORPROP

R.T.: 8.247 min
Delta R.T.: -0.007 min
Response: 465958387
Conc: 124.40 ng/ml m



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 197002301
Conc: 125.28 ng/ml



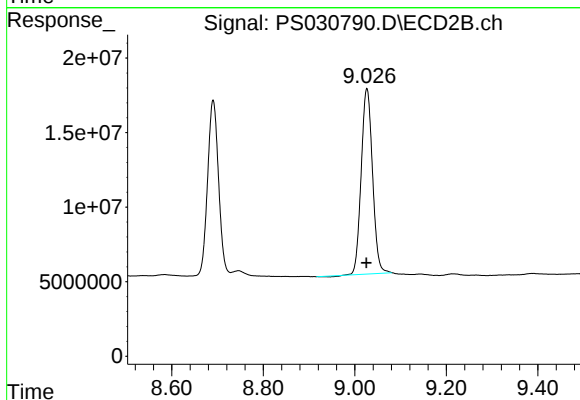
#9 2,4-D

R.T.: 8.481 min
Delta R.T.: -0.006 min
Response: 461480428
Conc: 133.98 ng/ml

Instrument :
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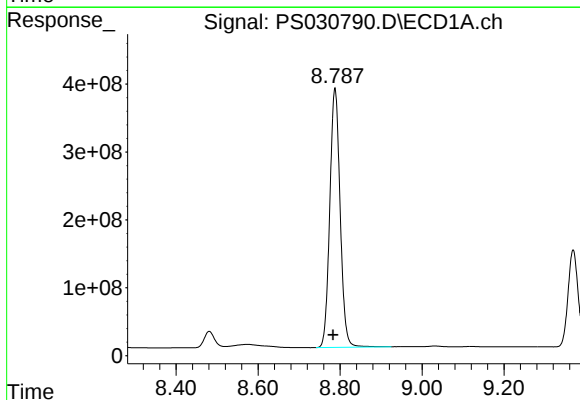
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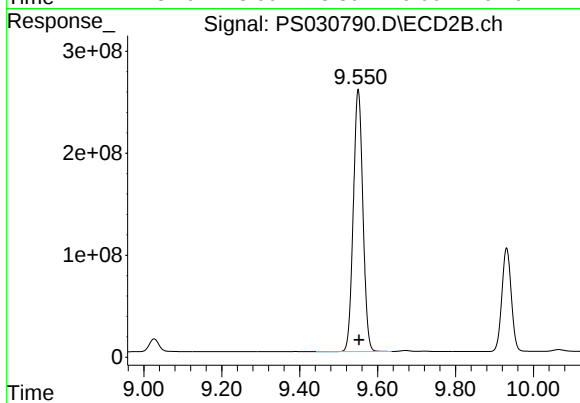
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 213125264
Conc: 125.41 ng/ml



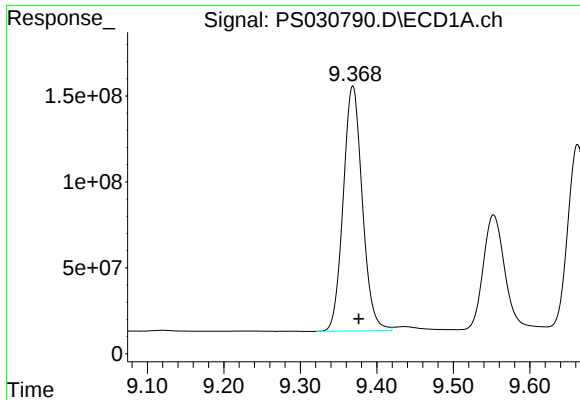
#10 Pentachlorophenol

R.T.: 8.788 min
Delta R.T.: 0.005 min
Response: 6670836536
Conc: 126.04 ng/ml



#10 Pentachlorophenol

R.T.: 9.550 min
Delta R.T.: -0.003 min
Response: 4396120750
Conc: 115.32 ng/ml



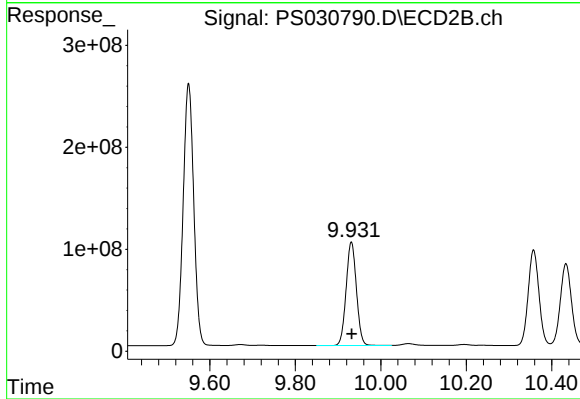
#11 2,4,5-TP (SILVEX)

R.T.: 9.369 min
Delta R.T.: -0.008 min
Response: 2477532561
Conc: 123.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
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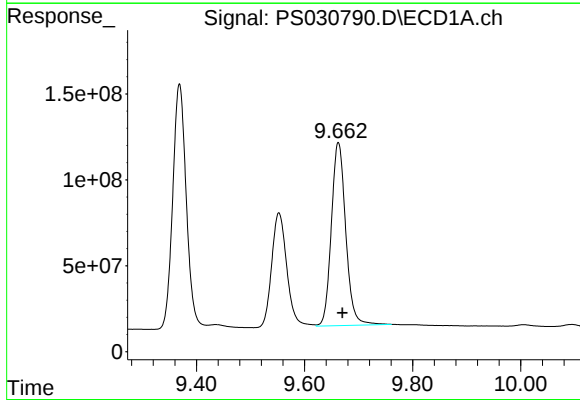
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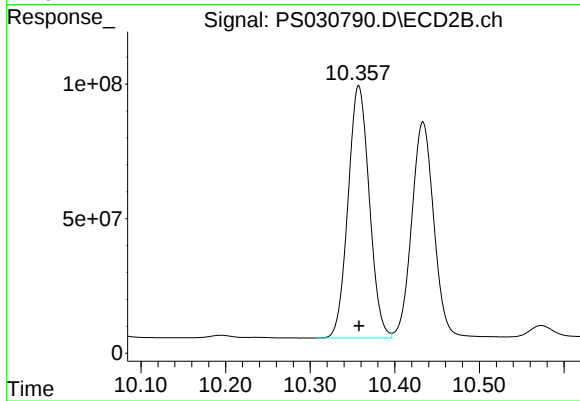
#11 2,4,5-TP (SILVEX)

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 1697832260
Conc: 117.67 ng/ml



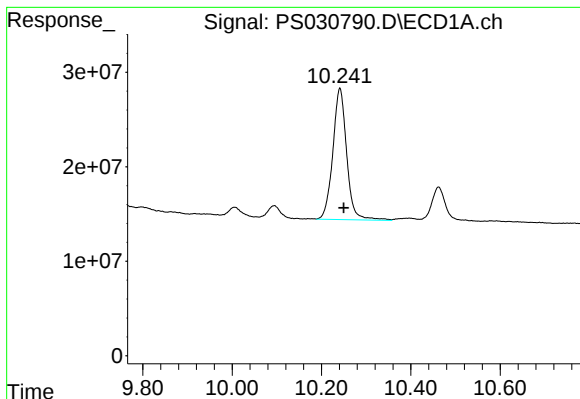
#12 2,4,5-T

R.T.: 9.662 min
Delta R.T.: -0.008 min
Response: 1972103525
Conc: 119.86 ng/ml



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: 0.000 min
Response: 1633668726
Conc: 119.55 ng/ml



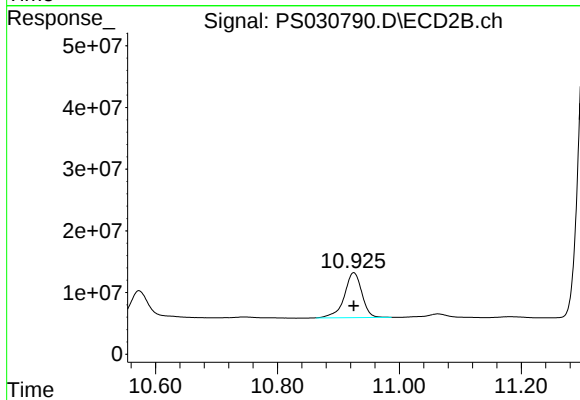
#13 2,4-DB

R.T.: 10.241 min
Delta R.T.: -0.009 min
Response: 298802402
Conc: 130.28 ng/ml

Instrument :
ECD_S
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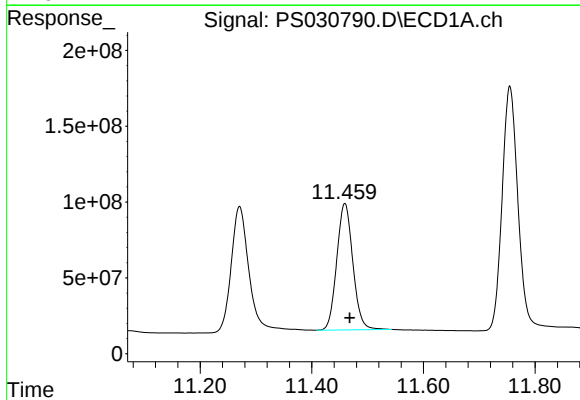
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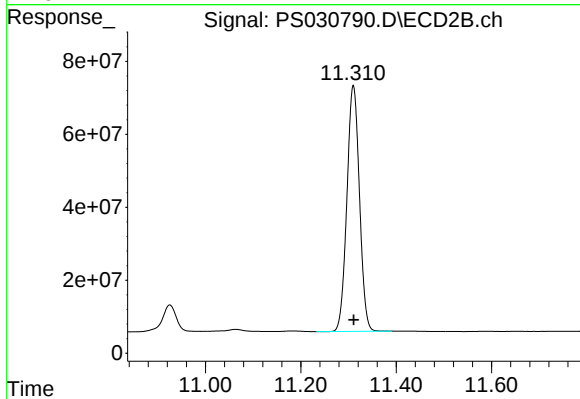
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 146105953
Conc: 123.51 ng/ml m



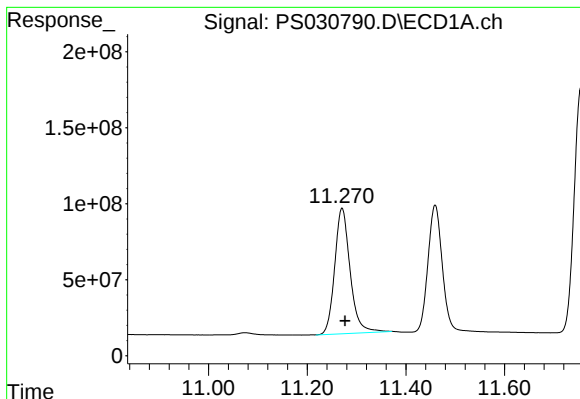
#14 DINOSEB

R.T.: 11.459 min
Delta R.T.: -0.010 min
Response: 1667280927
Conc: 120.18 ng/ml m



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: -0.001 min
Response: 1230285363
Conc: 114.11 ng/ml



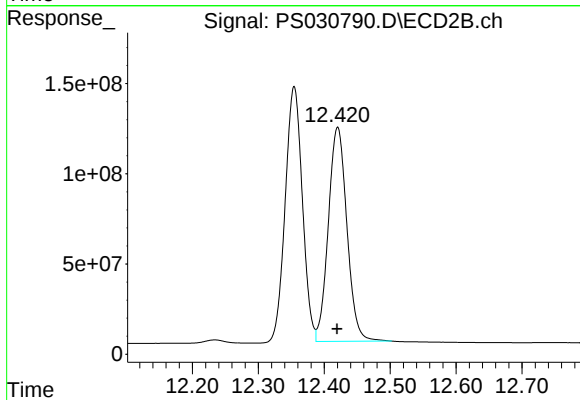
#15 Picloram

R.T.: 11.270 min
Delta R.T.: -0.006 min
Response: 1793739379
Conc: 111.58 ng/ml

Instrument :
ECD_S
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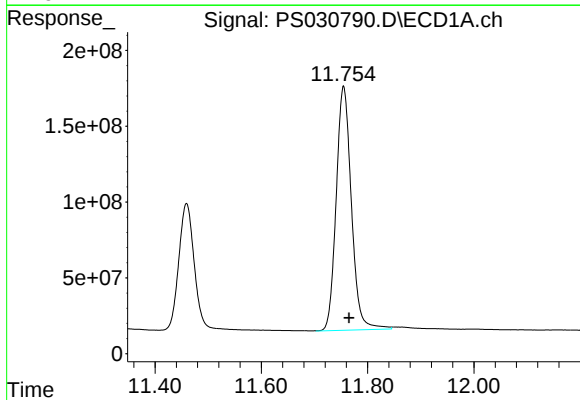
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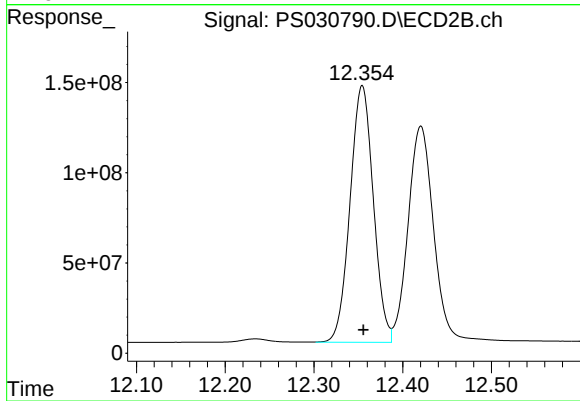
#15 Picloram

R.T.: 12.420 min
Delta R.T.: 0.001 min
Response: 2326432599
Conc: 100.10 ng/ml



#16 DCPA

R.T.: 11.754 min
Delta R.T.: -0.011 min
Response: 3192465746
Conc: 124.63 ng/ml m



#16 DCPA

R.T.: 12.354 min
Delta R.T.: -0.002 min
Response: 2594285738
Conc: 117.69 ng/ml m