

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
 Data File : PS030209.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 01:30
 Operator : AR\AJ
 Sample : PB168003 BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168003BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/19/2025
 Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 06:42:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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 x 0.5 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	6.934	7.453	1480.2E6	413.5E6	519.779	516.709
Target Compounds							
1) T	Dalapon	2.446	2.520	2232.3E6	928.2E6	454.154	457.021
2) T	3,5-DICHL...	6.139	6.453	2003.0E6	536.9E6	480.264	460.493
3) T	4-Nitroph...	6.724	6.988	979.6E6	444.4E6	474.233	425.635
5) T	DICAMBA	7.110	7.638	5613.1E6	2275.2E6	485.673	481.227
6) T	MCPD	7.288	7.745	358.8E6	87647418	49.270	47.641
7) T	MCPA	7.430	7.974	485.3E6	120.9E6	46.752	45.842
8) T	DICHLORPROP	7.790	8.331	1416.0E6	564.5E6	484.712	477.843
9) T	2,4-D	8.010	8.643	1587.4E6	633.5E6	484.134	490.905
10) T	Pentachlo...	8.287	9.143	20531.0E6	12363.9E6	506.929	500.868
11) T	2,4,5-TP ...	8.851	9.521	8025.5E6	4836.5E6	495.524	490.989
12) T	2,4,5-T	9.133	9.925	8203.4E6	4491.5E6	496.720	488.019
13) T	2,4-DB	9.691	10.483	1325.2E6	432.1E6	507.792	435.434
14) T	DINOSEB	10.851	10.856	5500.7E6	3244.2E6	480.985	474.848
15) T	Picloram	10.672	11.891	9855.7E6	6727.4E6	460.826	478.029m
16) T	DCPA	11.152	11.888	9964.9E6	6939.2E6	500.462	513.617m

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

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Acq On : 15 May 2025 01:30
Operator : AR\AJ
Sample : PB168003 BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

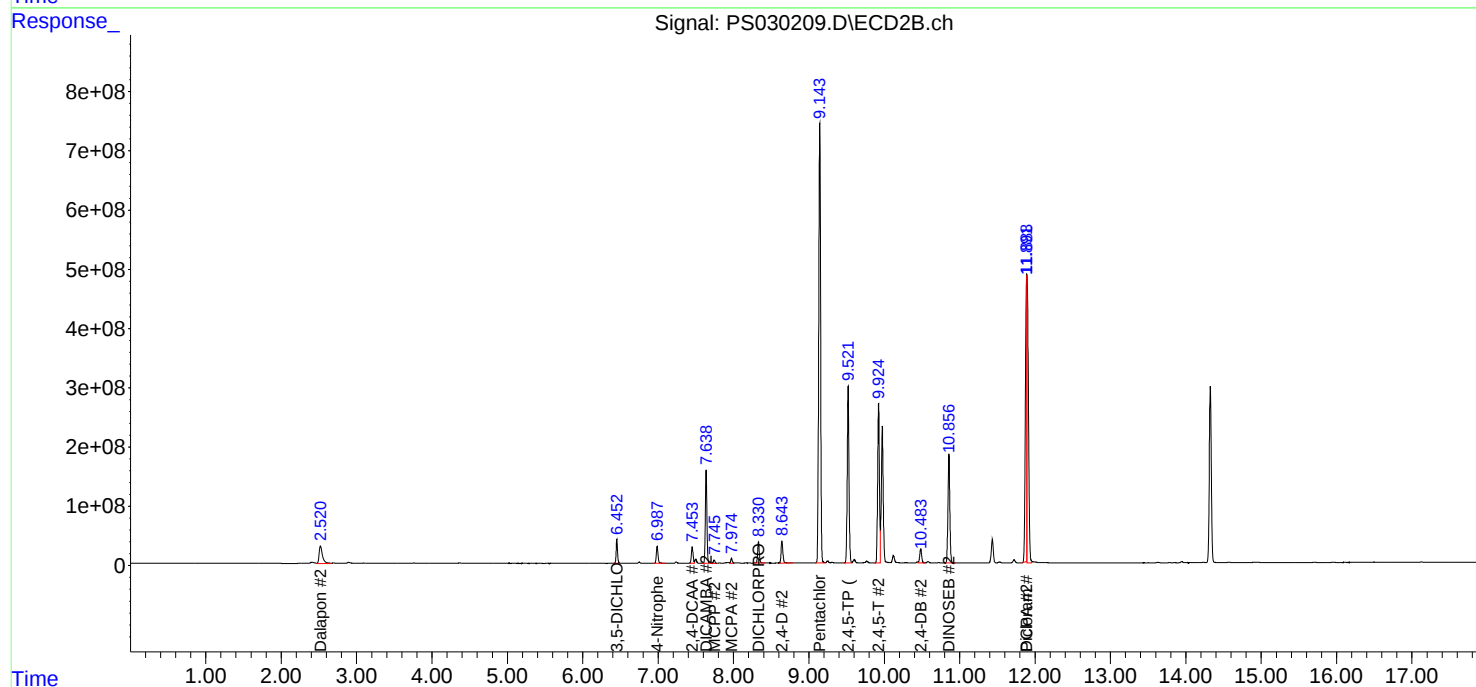
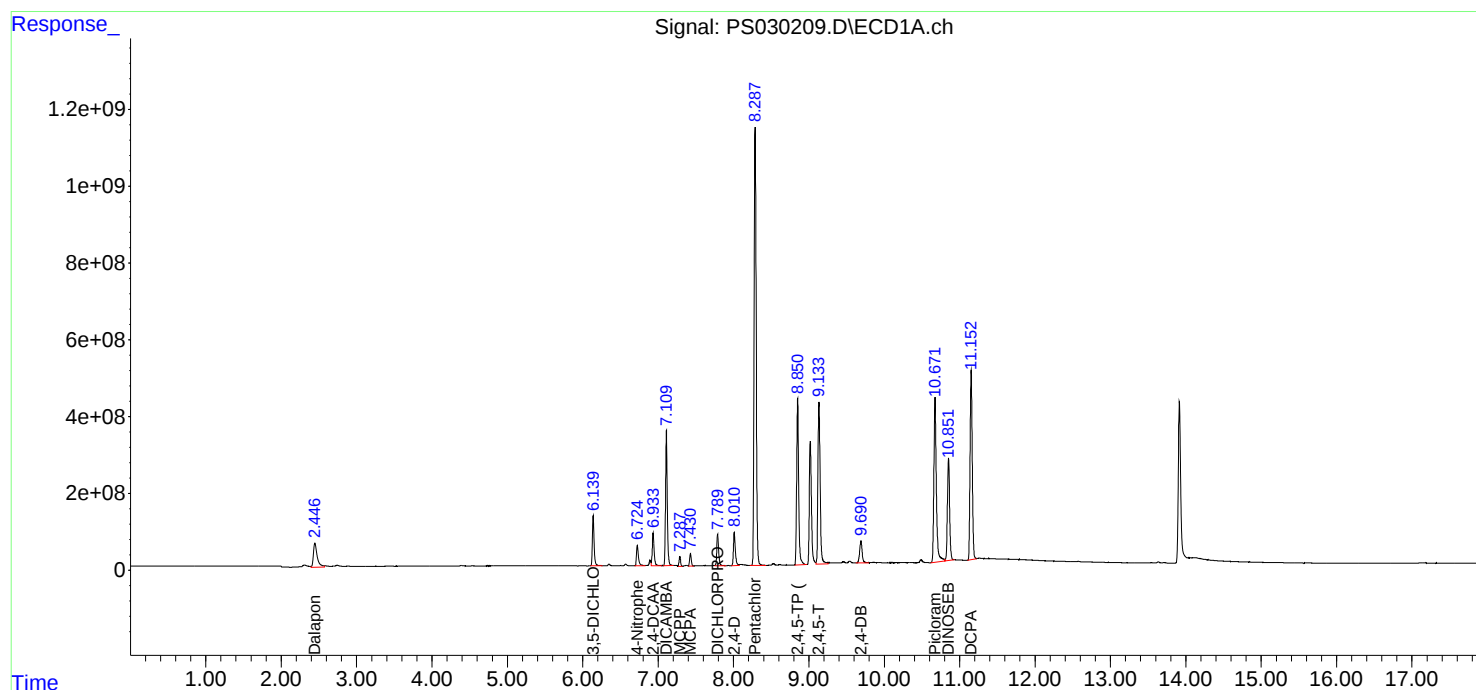
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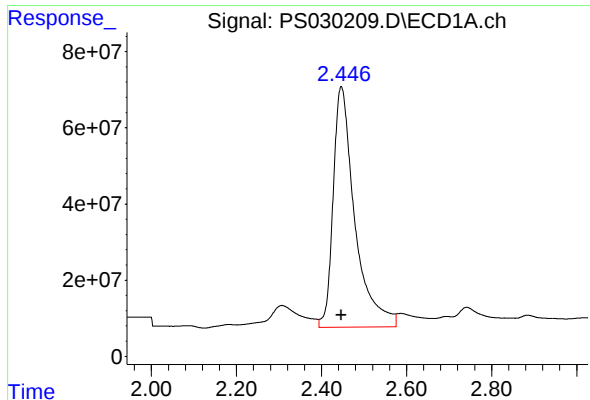
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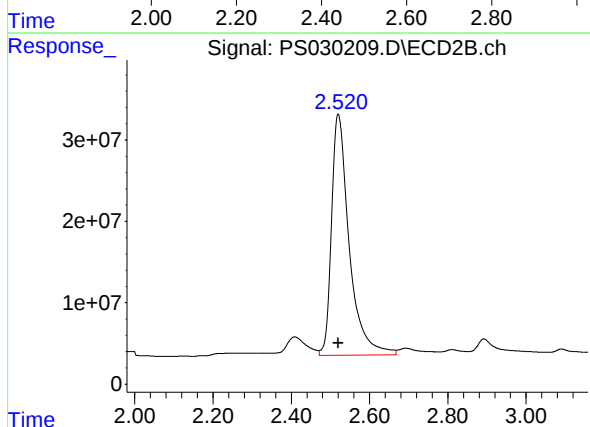
#1 Dalapon

R.T.: 2.446 min
Delta R.T.: 0.000 min
Response: 2232332105
Conc: 454.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168003BS

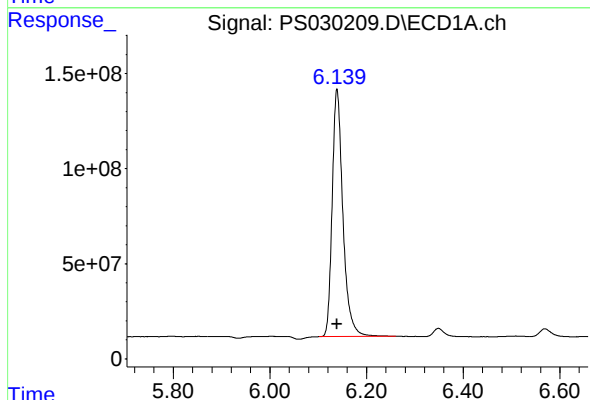
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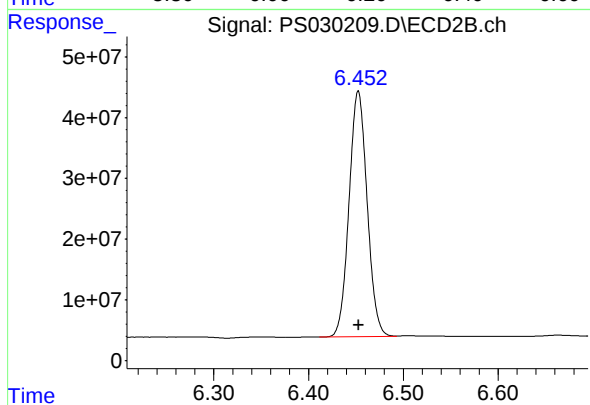
#1 Dalapon

R.T.: 2.520 min
Delta R.T.: 0.000 min
Response: 928232566
Conc: 457.02 ng/ml



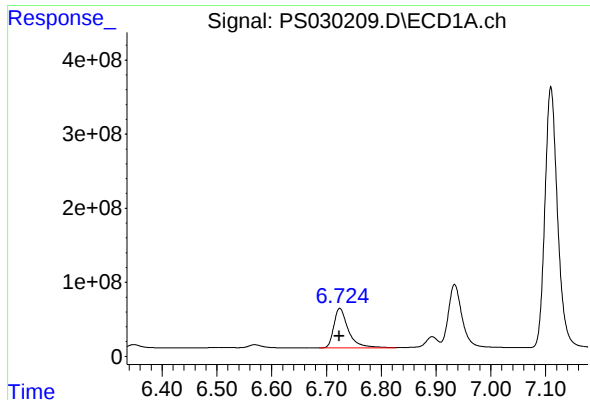
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 2002967849
Conc: 480.26 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 536856102
Conc: 460.49 ng/ml



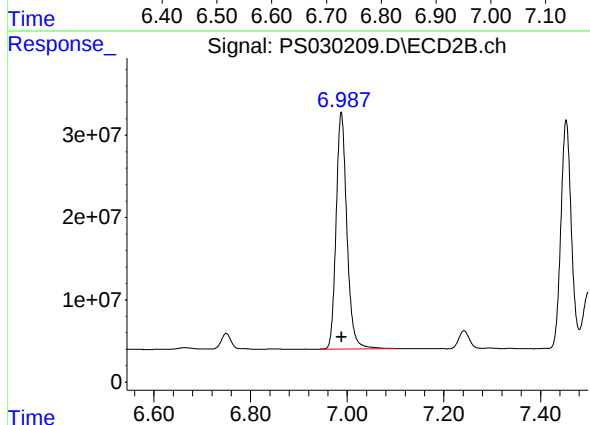
#3 4-Nitrophenol

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 979581702
Conc: 474.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168003BS

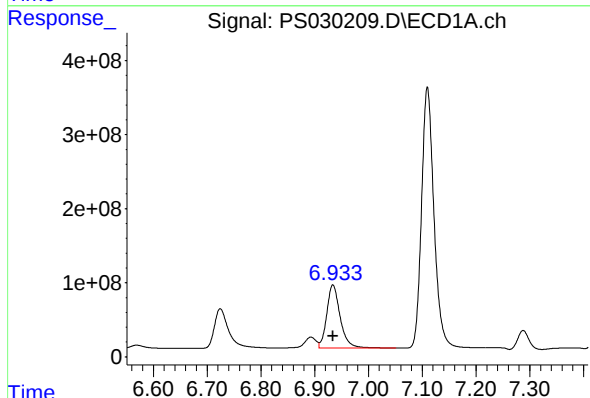
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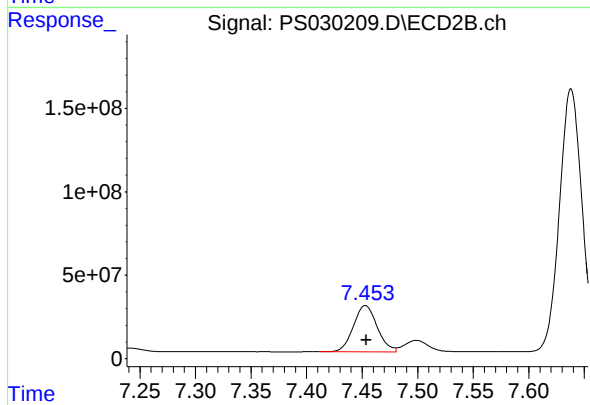
#3 4-Nitrophenol

R.T.: 6.988 min
Delta R.T.: 0.000 min
Response: 444376292
Conc: 425.63 ng/ml



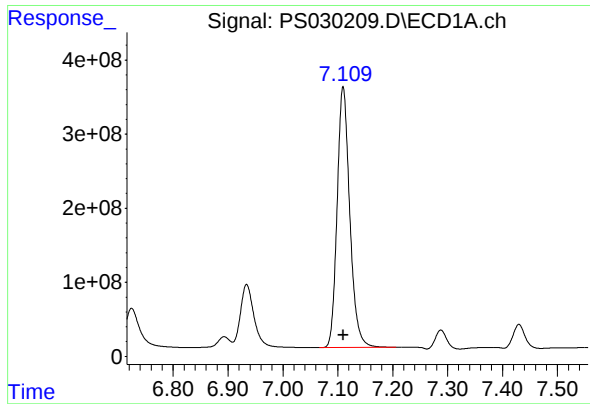
#4 2,4-DCAA

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 1480229746
Conc: 519.78 ng/ml



#4 2,4-DCAA

R.T.: 7.453 min
Delta R.T.: 0.000 min
Response: 413472612
Conc: 516.71 ng/ml



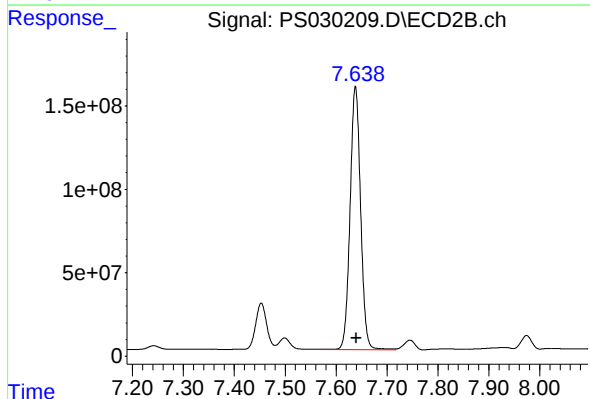
#5 DICAMBA

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 5613097724
Conc: 485.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168003BS

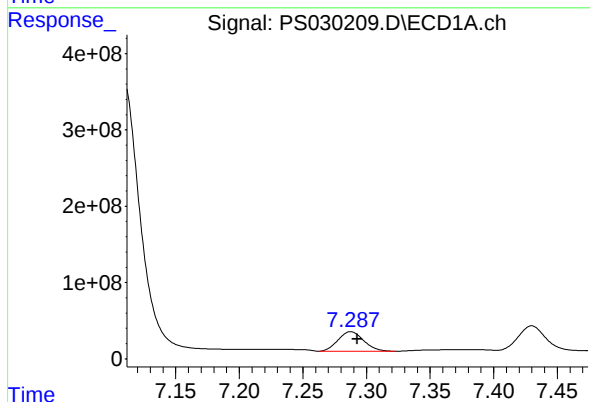
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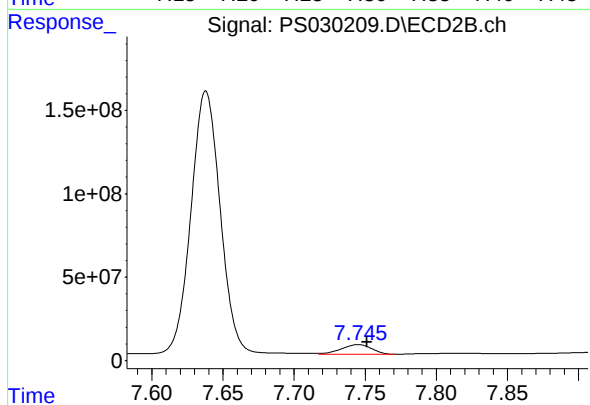
#5 DICAMBA

R.T.: 7.638 min
Delta R.T.: -0.002 min
Response: 2275229670
Conc: 481.23 ng/ml



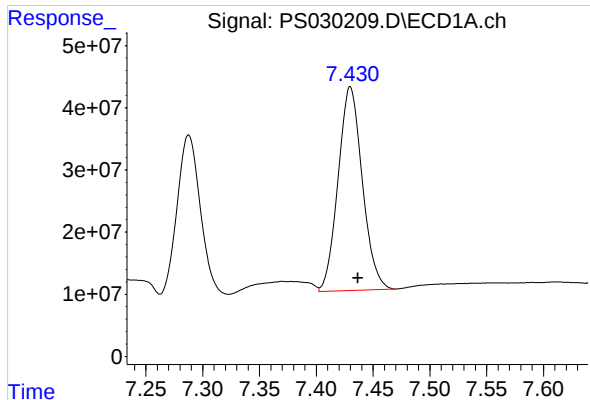
#6 MCPP

R.T.: 7.288 min
Delta R.T.: -0.005 min
Response: 358816280
Conc: 49.27 ug/ml



#6 MCPP

R.T.: 7.745 min
Delta R.T.: -0.006 min
Response: 87647418
Conc: 47.64 ug/ml



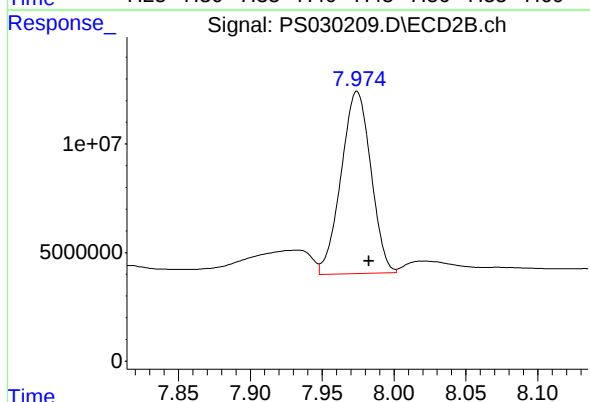
#7 MCPA

R.T.: 7.430 min
Delta R.T.: -0.007 min
Response: 485327068
Conc: 46.75 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168003BS

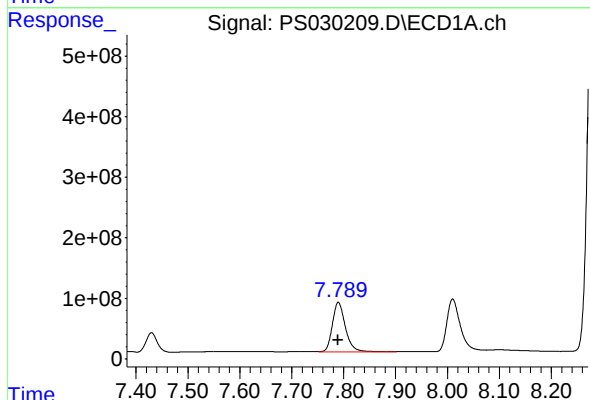
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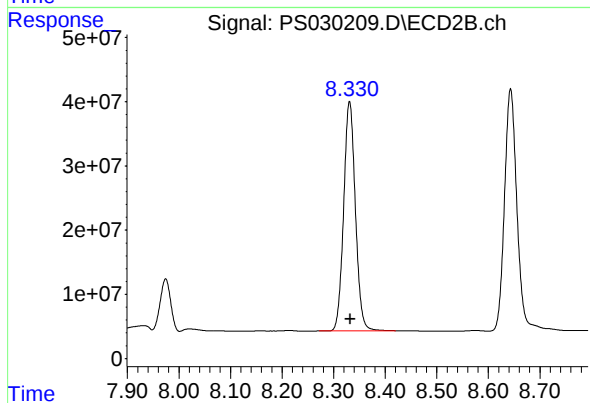
#7 MCPA

R.T.: 7.974 min
Delta R.T.: -0.008 min
Response: 120917048
Conc: 45.84 ug/ml



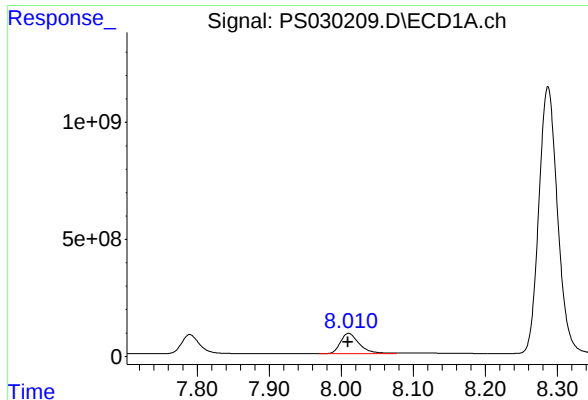
#8 DICHLORPROP

R.T.: 7.790 min
Delta R.T.: 0.000 min
Response: 1416012045
Conc: 484.71 ng/ml



#8 DICHLORPROP

R.T.: 8.331 min
Delta R.T.: -0.002 min
Response: 564539276
Conc: 477.84 ng/ml



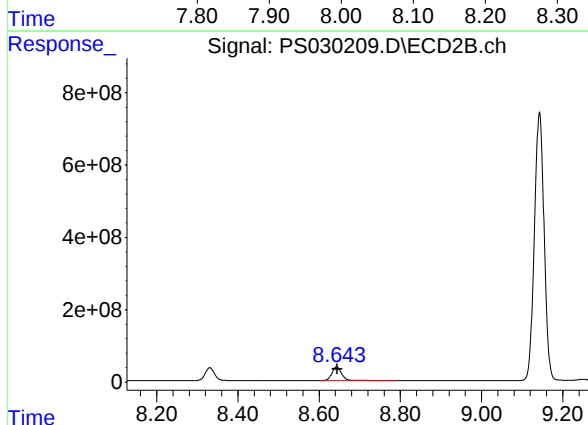
#9 2,4-D

R.T.: 8.010 min
Delta R.T.: 0.000 min
Response: 1587443991
Conc: 484.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168003BS

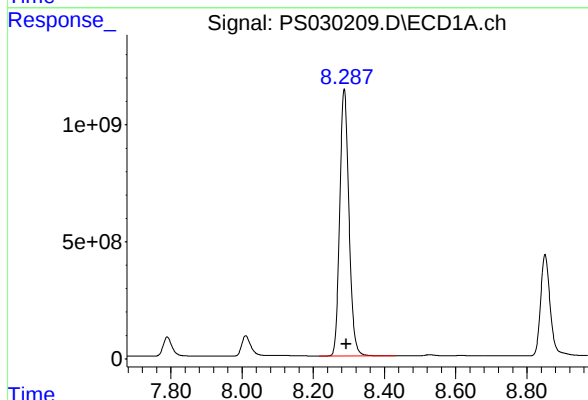
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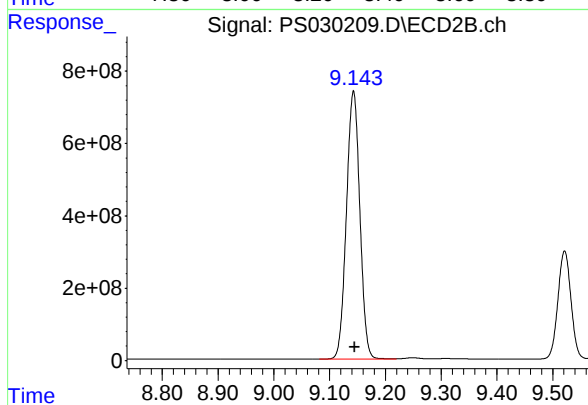
#9 2,4-D

R.T.: 8.643 min
Delta R.T.: -0.002 min
Response: 633513464
Conc: 490.91 ng/ml



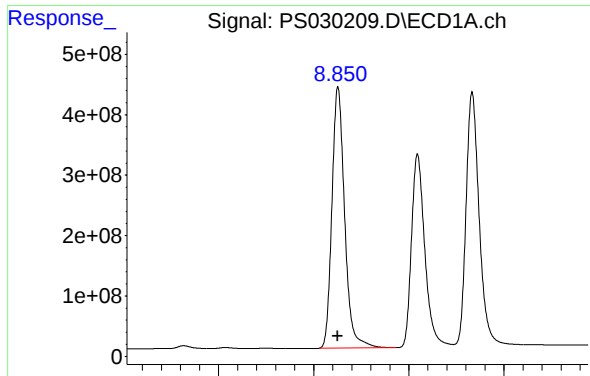
#10 Pentachlorophenol

R.T.: 8.287 min
Delta R.T.: -0.006 min
Response: 20531032040
Conc: 506.93 ng/ml



#10 Pentachlorophenol

R.T.: 9.143 min
Delta R.T.: -0.002 min
Response: 12363901439
Conc: 500.87 ng/ml



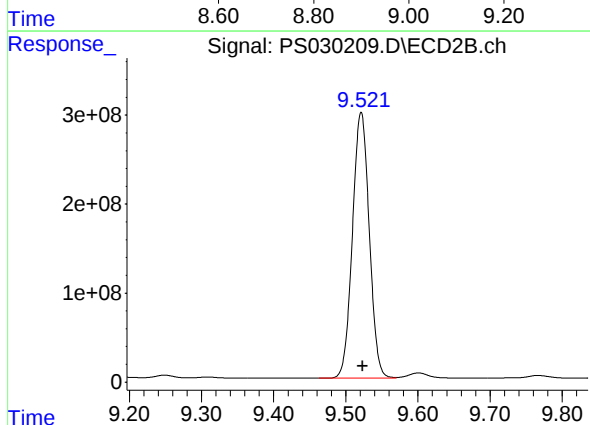
#11 2,4,5-TP (SILVEX)

R.T.: 8.851 min
Delta R.T.: 0.000 min
Response: 8025507172
Conc: 495.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168003BS

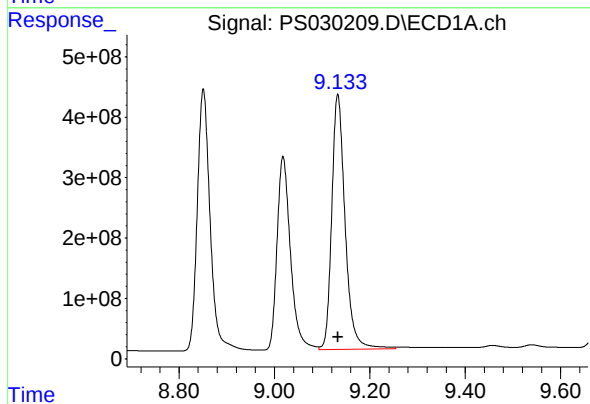
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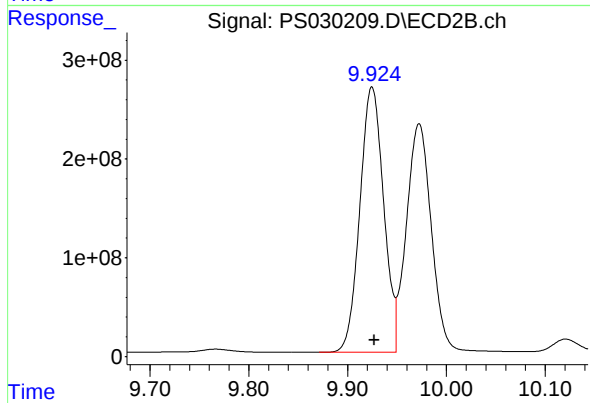
#11 2,4,5-TP (SILVEX)

R.T.: 9.521 min
Delta R.T.: -0.002 min
Response: 4836452655
Conc: 490.99 ng/ml



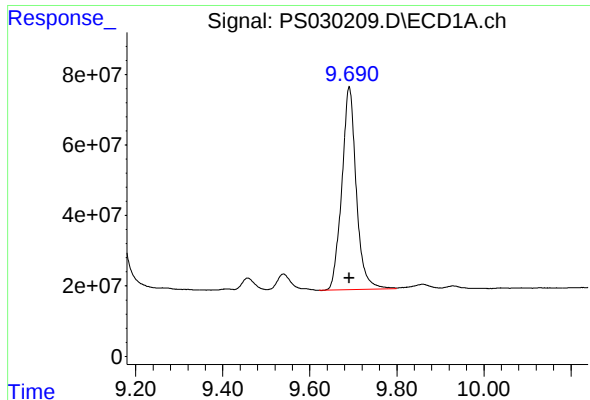
#12 2,4,5-T

R.T.: 9.133 min
Delta R.T.: 0.000 min
Response: 8203430049
Conc: 496.72 ng/ml



#12 2,4,5-T

R.T.: 9.925 min
Delta R.T.: -0.002 min
Response: 4491532683
Conc: 488.02 ng/ml



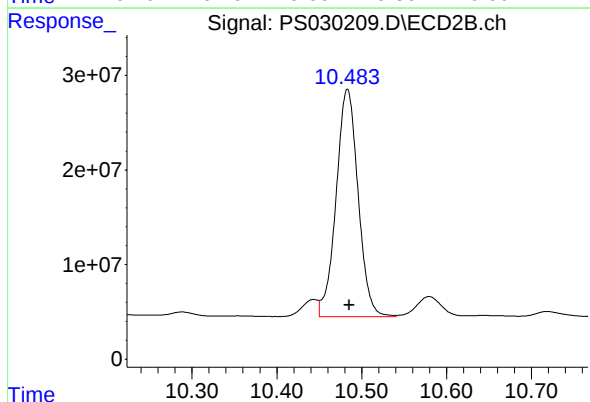
#13 2,4-DB

R.T.: 9.691 min
Delta R.T.: 0.000 min
Response: 1325221491
Conc: 507.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168003BS

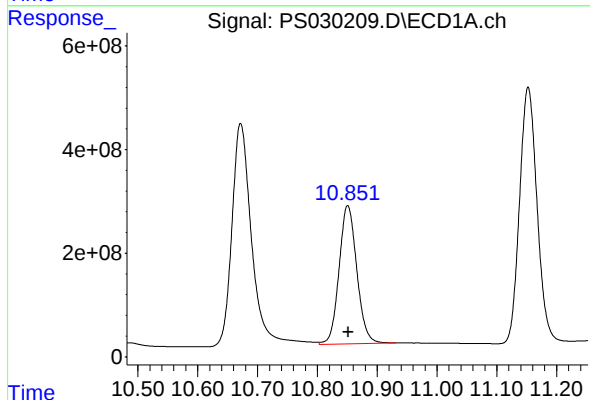
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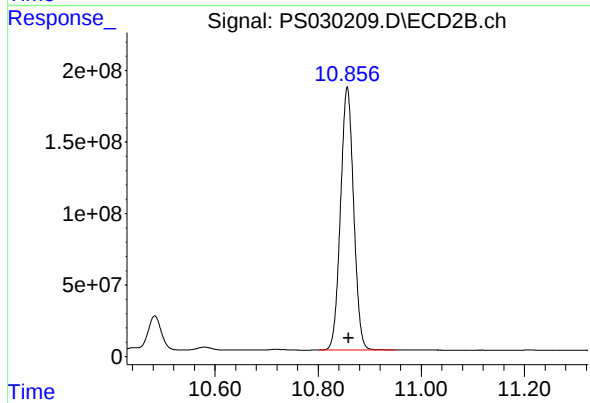
#13 2,4-DB

R.T.: 10.483 min
Delta R.T.: -0.002 min
Response: 432112081
Conc: 435.43 ng/ml



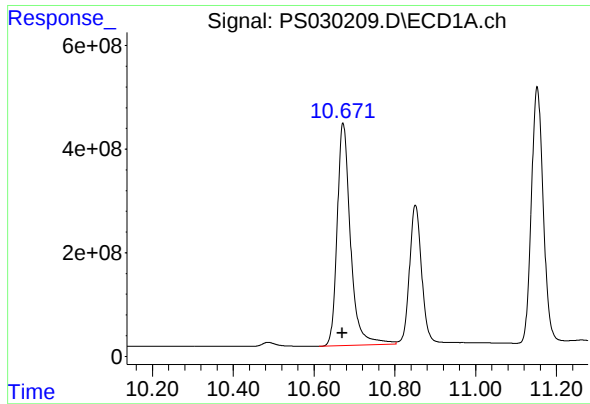
#14 DINOSEB

R.T.: 10.851 min
Delta R.T.: 0.000 min
Response: 5500716727
Conc: 480.99 ng/ml



#14 DINOSEB

R.T.: 10.856 min
Delta R.T.: -0.002 min
Response: 3244150165
Conc: 474.85 ng/ml



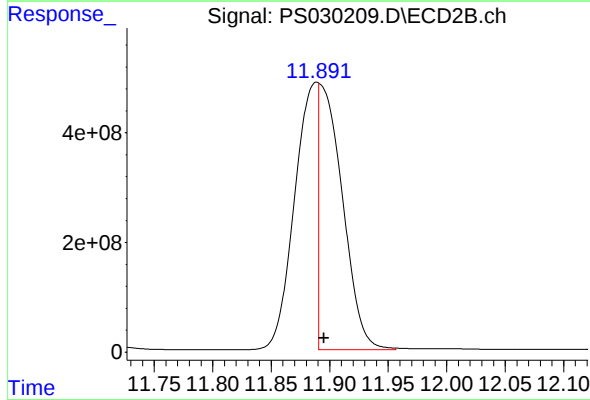
#15 Picloram

R.T.: 10.672 min
Delta R.T.: 0.002 min
Response: 9855680244
Conc: 460.83 ng/ml

Instrument :
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ClientSampleId :
PB168003BS

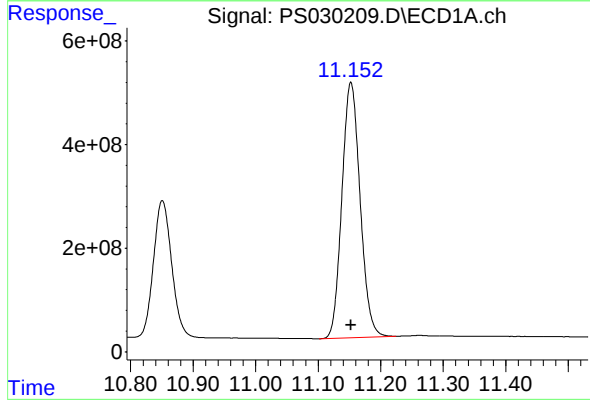
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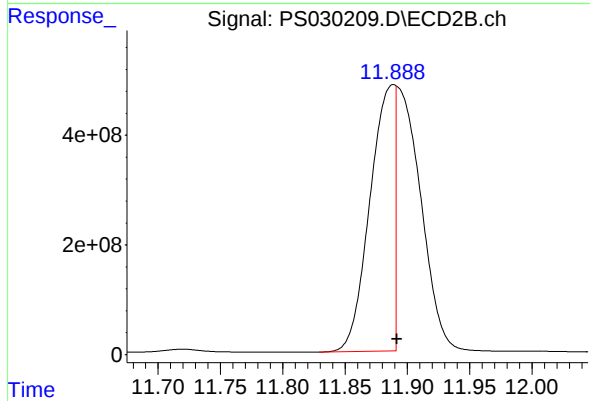
#15 Picloram

R.T.: 11.891 min
Delta R.T.: -0.004 min
Response: 6727358154
Conc: 478.03 ng/ml m



#16 DCPA

R.T.: 11.152 min
Delta R.T.: 0.000 min
Response: 9964947439
Conc: 500.46 ng/ml



#16 DCPA

R.T.: 11.888 min
Delta R.T.: -0.004 min
Response: 6939232179
Conc: 513.62 ng/ml m