

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072325\
 Data File : PS031200.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jul 2025 18:26
 Operator : AR\AJ
 Sample : PB168973BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168973BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/24/2025
 Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 01:23:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 03:18:42 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	7.320	7.764	2329.0E6	533.9E6	535.606	526.024
Target Compounds							
1) T	Dalapon	2.690	2.706	2845.6E6	1313.5E6	453.641	463.017
2) T	3,5-DICHL...	6.483	6.711	2733.7E6	740.8E6	494.994	481.100
3) T	4-Nitroph...	7.120	7.297	887.6E6	849.9E6	538.315	469.744
5) T	DICAMBA	7.509	7.966	8305.9E6	3194.4E6	503.480	494.992
6) T	MCPD	7.690	8.064	484.6E6	99317348	48.412	47.799
7) T	MCPA	7.840	8.312	616.6E6	151.0E6	49.269	47.867
8) T	DICHLORPROP	8.220	8.685	1922.4E6	748.5E6	502.989	494.101
9) T	2,4-D	8.453	9.021	1979.3E6	844.1E6	529.932	497.002
10) T	Pentachlo...	8.759	9.545	30506.6E6	20217.9E6	558.509	517.329
11) T	2,4,5-TP ...	9.337	9.926	11510.2E6	7488.4E6	524.297	502.771
12) T	2,4,5-T	9.630	10.353	10792.3E6	7126.4E6	552.666	501.169
13) T	2,4-DB	10.207	10.921	1726.5E6	589.2E6	577.432	503.393
14) T	DINOSEB	11.420	11.305	7685.3E6	5343.2E6	493.610m	472.764
15) T	Picloram	11.232	12.415	11398.9E6	12322.8E6	569.759	494.988
16) T	DCPA	11.718	12.349	15119.2E6	11707.4E6	526.922	508.220m

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

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ALS Vial : 21 Sample Multiplier: 1

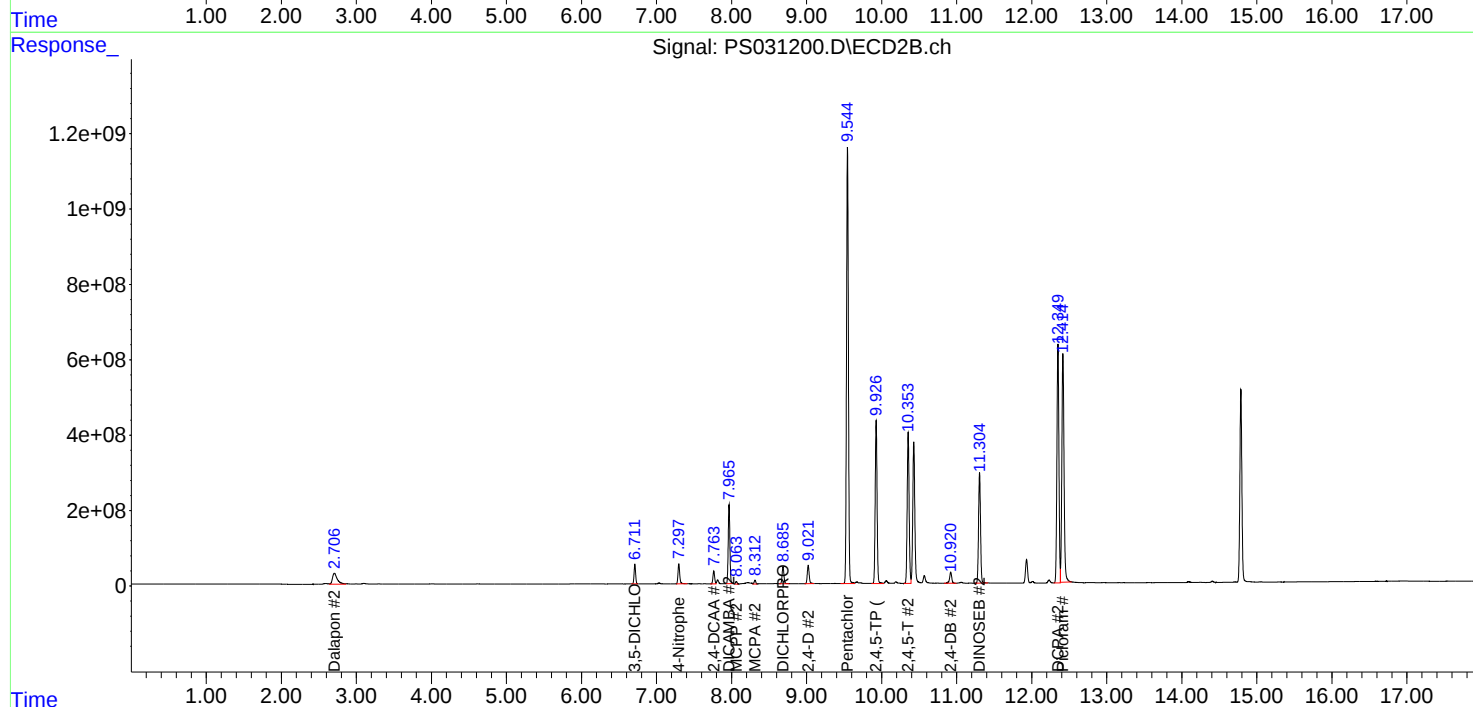
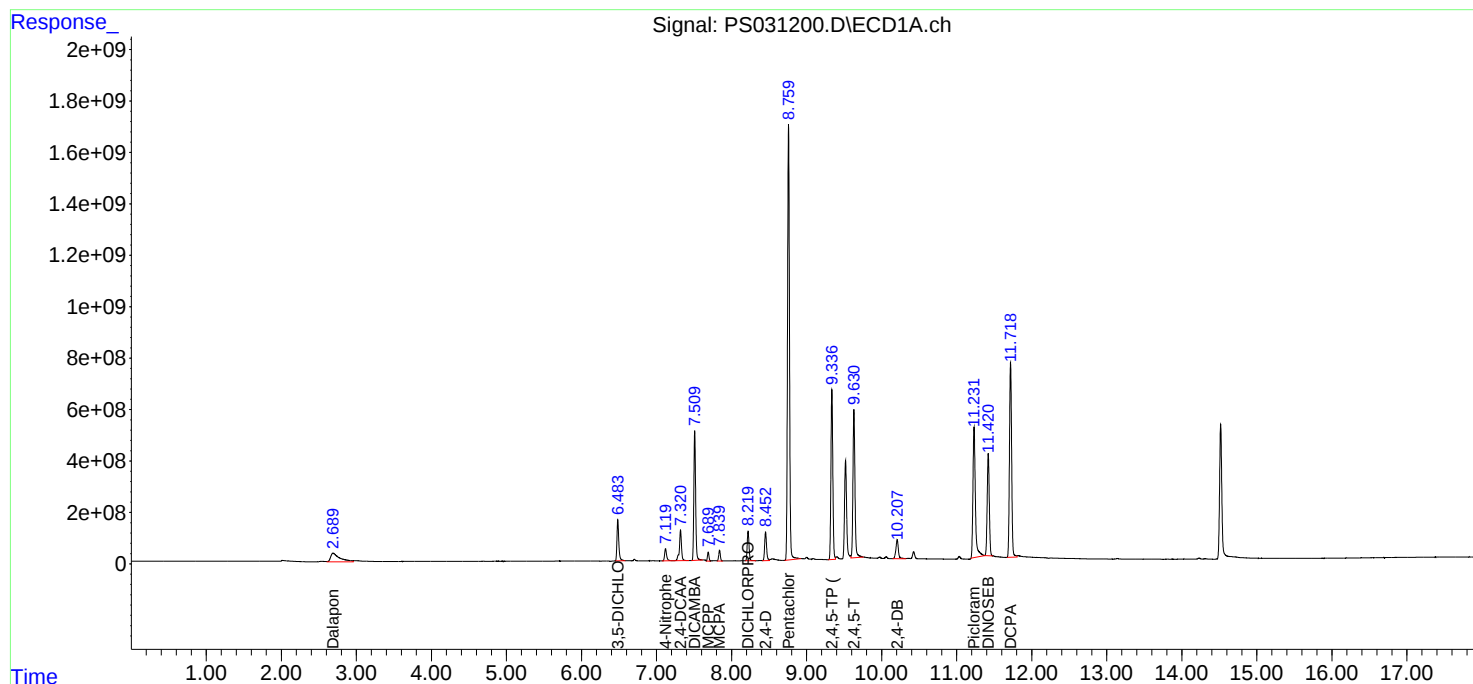
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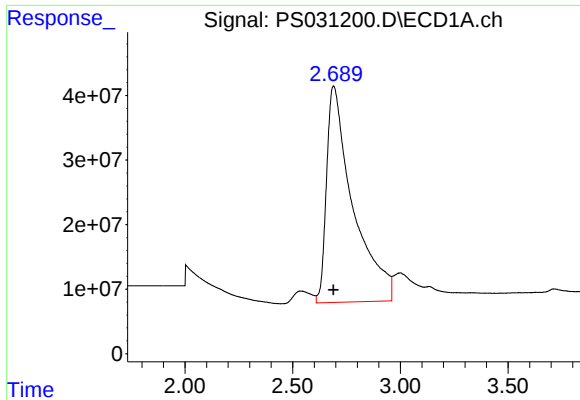
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Integration File signal 1: autoint1.e
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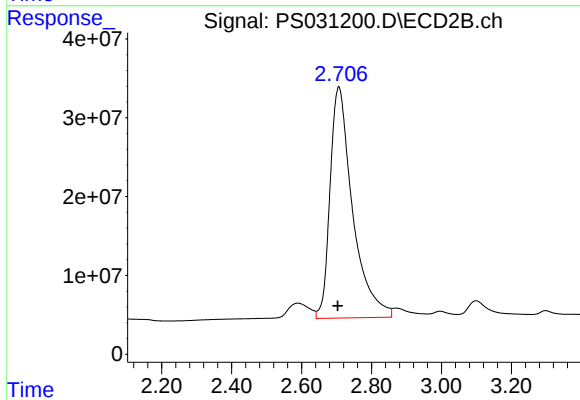
#1 Dalapon

R.T.: 2.690 min
Delta R.T.: 0.000 min
Response: 2845649395
Conc: 453.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168973BSD

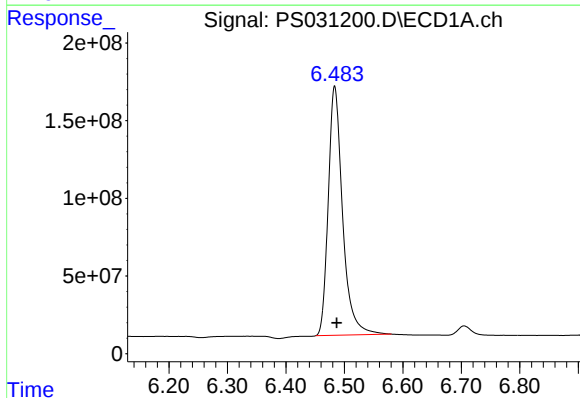
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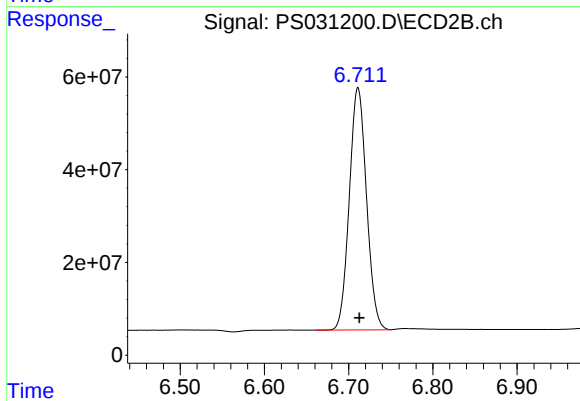
#1 Dalapon

R.T.: 2.706 min
Delta R.T.: 0.003 min
Response: 1313459105
Conc: 463.02 ng/ml



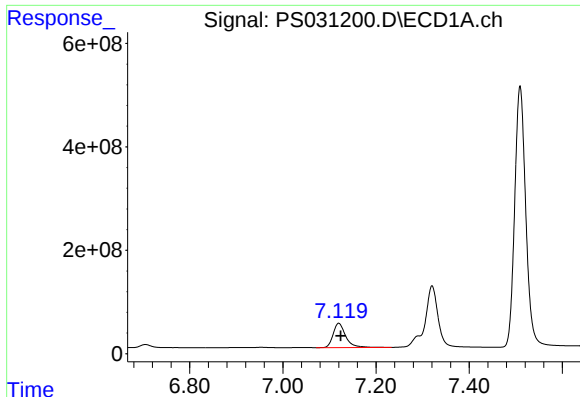
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.483 min
Delta R.T.: -0.003 min
Response: 2733730756
Conc: 494.99 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.711 min
Delta R.T.: -0.002 min
Response: 740843214
Conc: 481.10 ng/ml



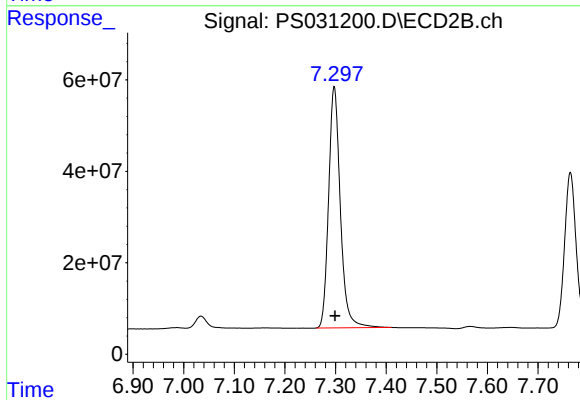
#3 4-Nitrophenol

R.T.: 7.120 min
Delta R.T.: -0.004 min
Response: 887566456
Conc: 538.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168973BSD

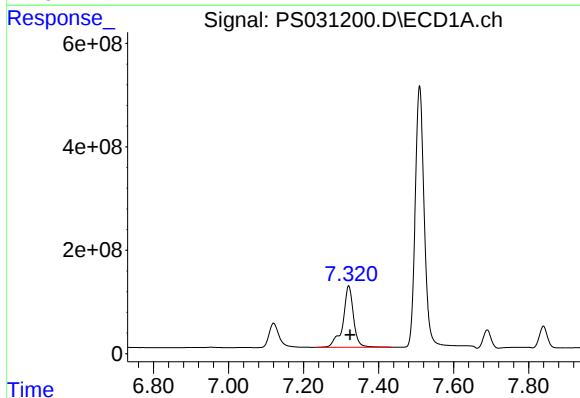
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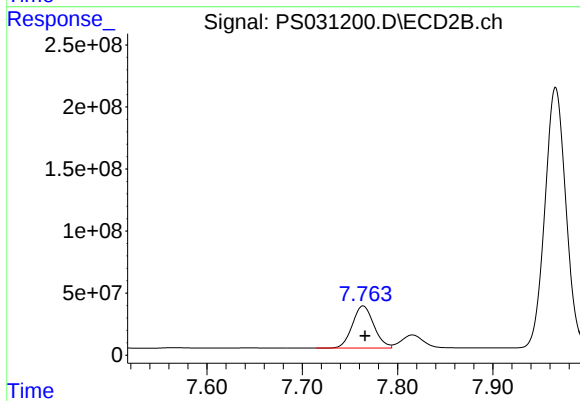
#3 4-Nitrophenol

R.T.: 7.297 min
Delta R.T.: -0.002 min
Response: 849915830
Conc: 469.74 ng/ml



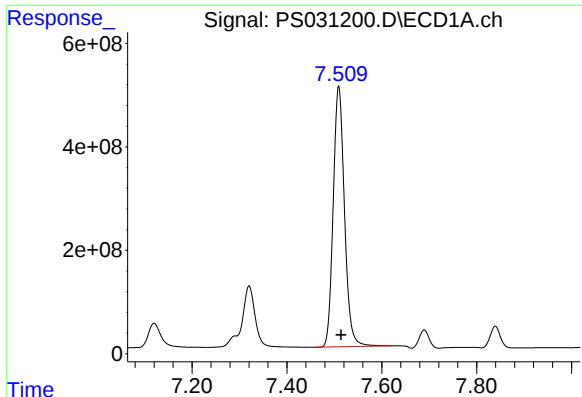
#4 2,4-DCAA

R.T.: 7.320 min
Delta R.T.: -0.004 min
Response: 2328952388
Conc: 535.61 ng/ml



#4 2,4-DCAA

R.T.: 7.764 min
Delta R.T.: -0.002 min
Response: 533897476
Conc: 526.02 ng/ml



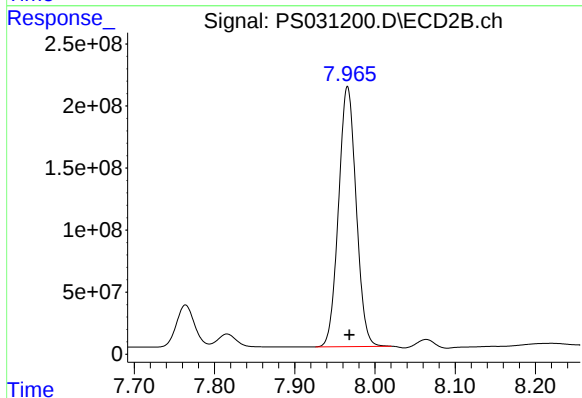
#5 DICAMBA

R.T.: 7.509 min
Delta R.T.: -0.005 min
Response: 8305896074
Conc: 503.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168973BSD

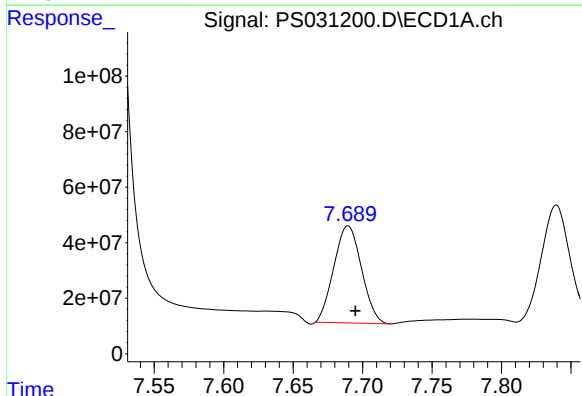
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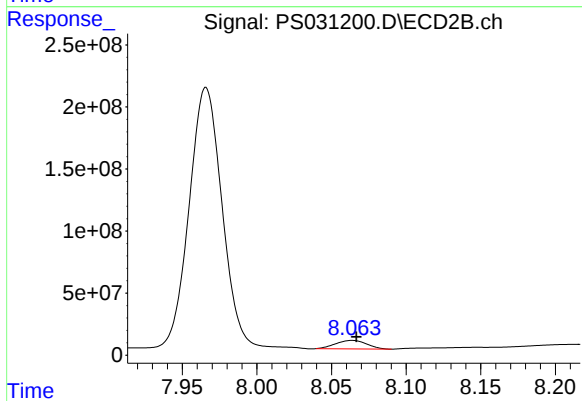
#5 DICAMBA

R.T.: 7.966 min
Delta R.T.: -0.002 min
Response: 3194365880
Conc: 494.99 ng/ml



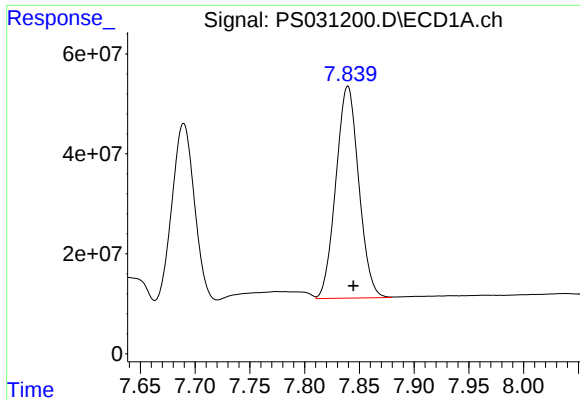
#6 MCP

R.T.: 7.690 min
Delta R.T.: -0.005 min
Response: 484608391
Conc: 48.41 ug/ml



#6 MCP

R.T.: 8.064 min
Delta R.T.: -0.003 min
Response: 99317348
Conc: 47.80 ug/ml



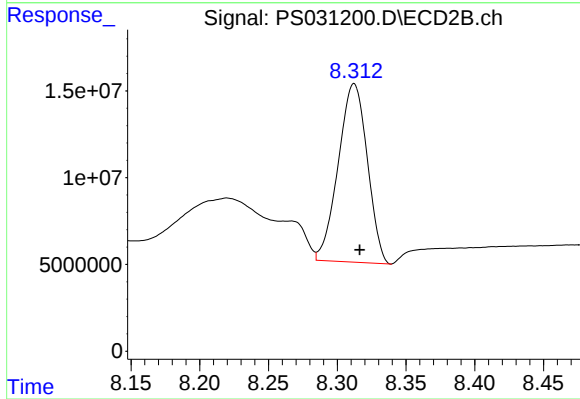
#7 MCPA

R.T.: 7.840 min
Delta R.T.: -0.005 min
Response: 616559435
Conc: 49.27 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168973BSD

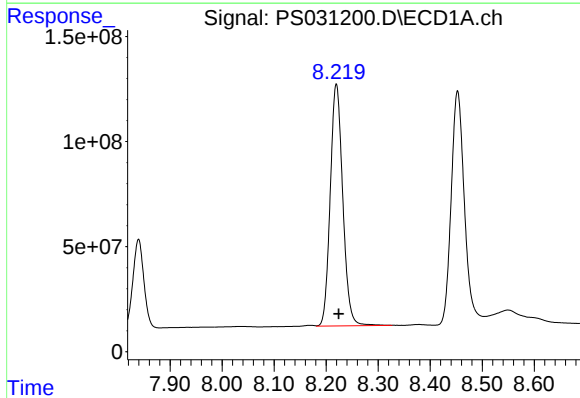
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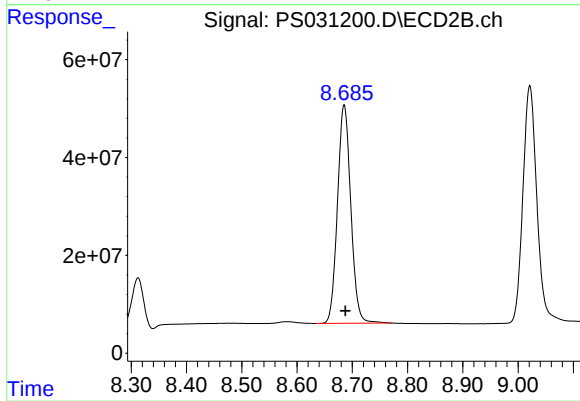
#7 MCPA

R.T.: 8.312 min
Delta R.T.: -0.004 min
Response: 151030365
Conc: 47.87 ug/ml



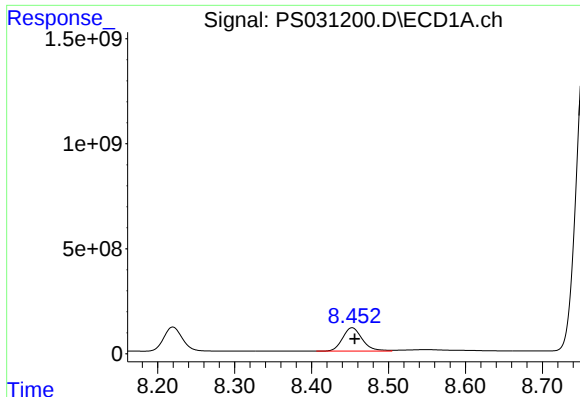
#8 DICHLORPROP

R.T.: 8.220 min
Delta R.T.: -0.005 min
Response: 1922402094
Conc: 502.99 ng/ml



#8 DICHLORPROP

R.T.: 8.685 min
Delta R.T.: -0.002 min
Response: 748493665
Conc: 494.10 ng/ml



#9 2,4-D

R.T.: 8.453 min
Delta R.T.: -0.004 min
Response: 1979251478
Conc: 529.93 ng/ml

Instrument :

ECD_S

ClientSampleId :

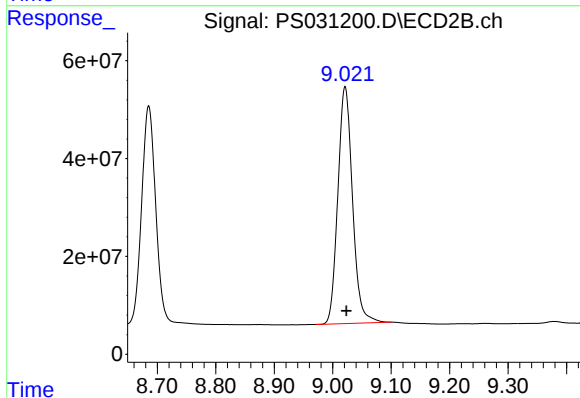
PB168973BSD

Manual Integrations

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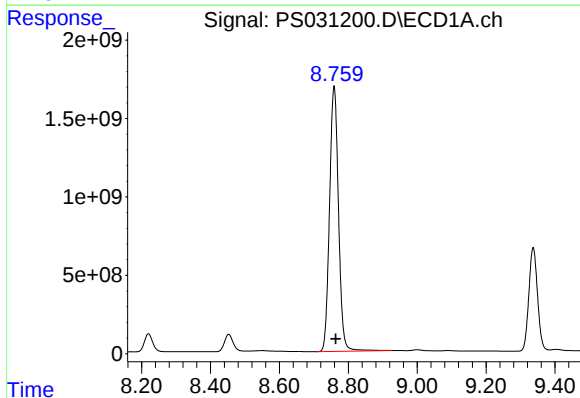
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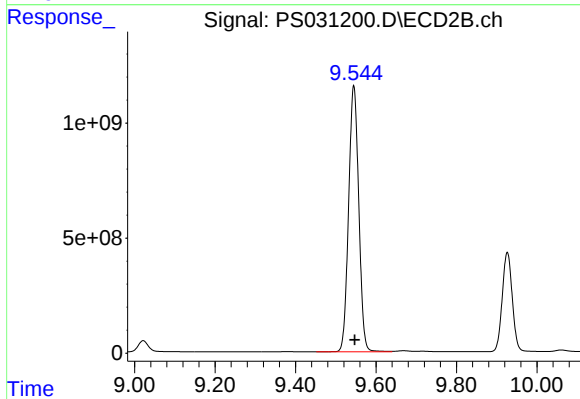
#9 2,4-D

R.T.: 9.021 min
Delta R.T.: -0.002 min
Response: 844067496
Conc: 497.00 ng/ml



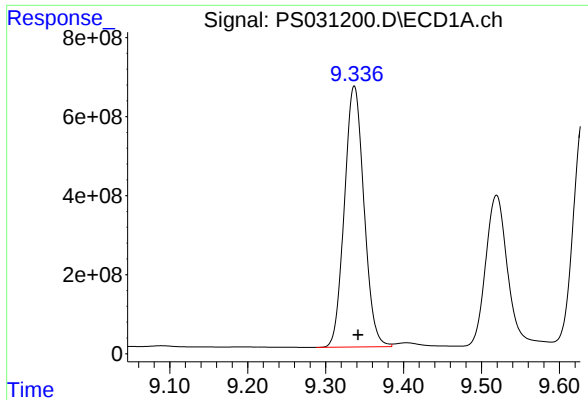
#10 Pentachlorophenol

R.T.: 8.759 min
Delta R.T.: -0.005 min
Response: 30506649630
Conc: 558.51 ng/ml



#10 Pentachlorophenol

R.T.: 9.545 min
Delta R.T.: -0.002 min
Response: 20217852130
Conc: 517.33 ng/ml



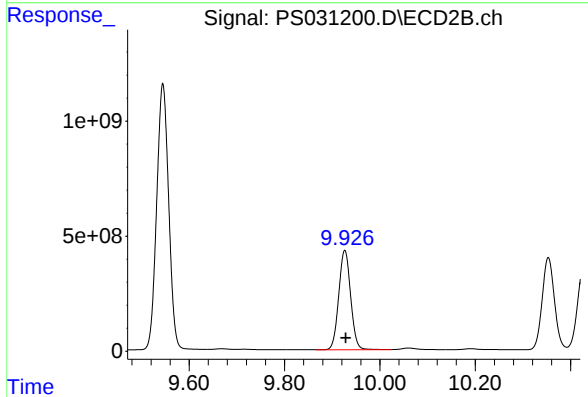
#11 2,4,5-TP (SILVEX)

R.T.: 9.337 min
Delta R.T.: -0.005 min
Response: 11510184200
Conc: 524.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168973BSD

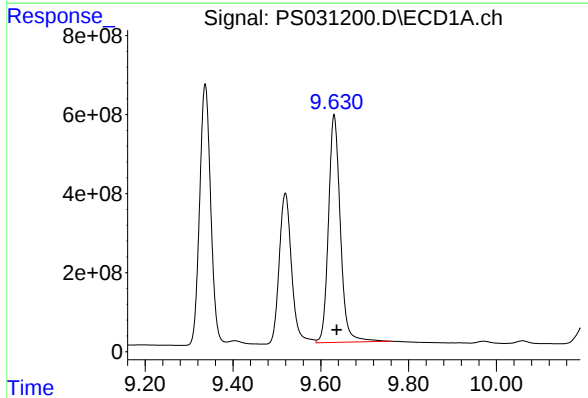
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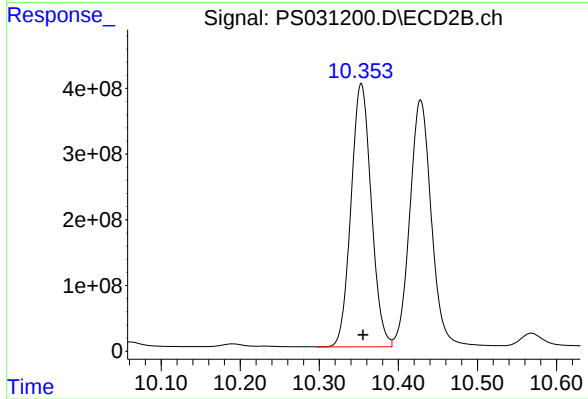
#11 2,4,5-TP (SILVEX)

R.T.: 9.926 min
Delta R.T.: -0.002 min
Response: 7488361407
Conc: 502.77 ng/ml



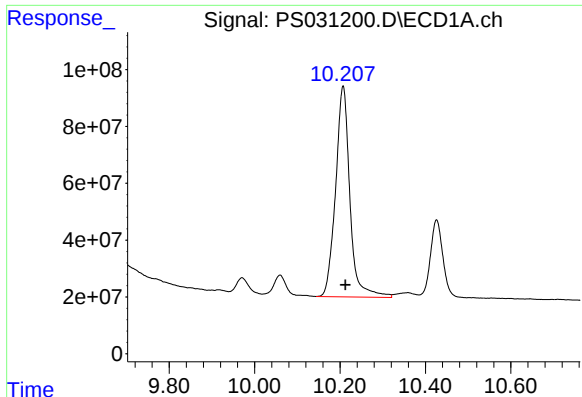
#12 2,4,5-T

R.T.: 9.630 min
Delta R.T.: -0.006 min
Response: 10792346841
Conc: 552.67 ng/ml



#12 2,4,5-T

R.T.: 10.353 min
Delta R.T.: -0.002 min
Response: 7126355379
Conc: 501.17 ng/ml



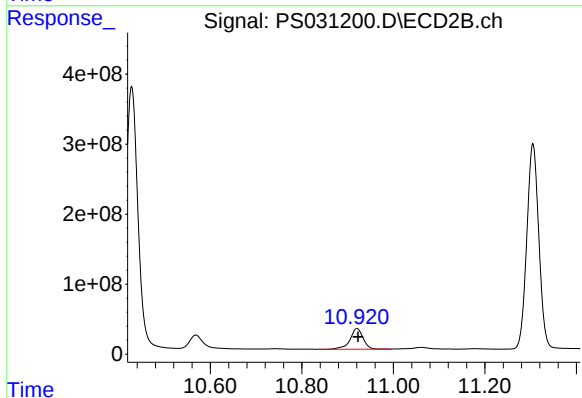
#13 2,4-DB

R.T.: 10.207 min
Delta R.T.: -0.005 min
Response: 1726455655
Conc: 577.43 ng/ml

Instrument :
ECD_S
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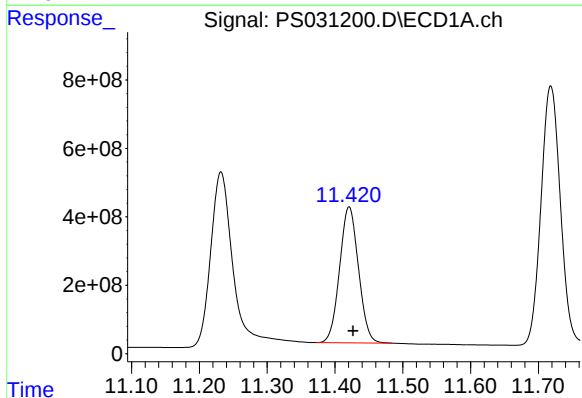
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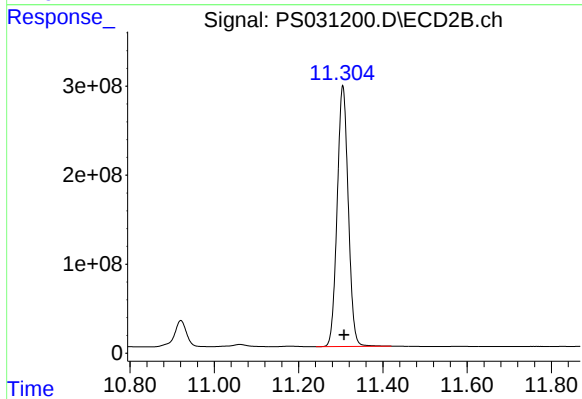
#13 2,4-DB

R.T.: 10.921 min
Delta R.T.: -0.002 min
Response: 589226601
Conc: 503.39 ng/ml



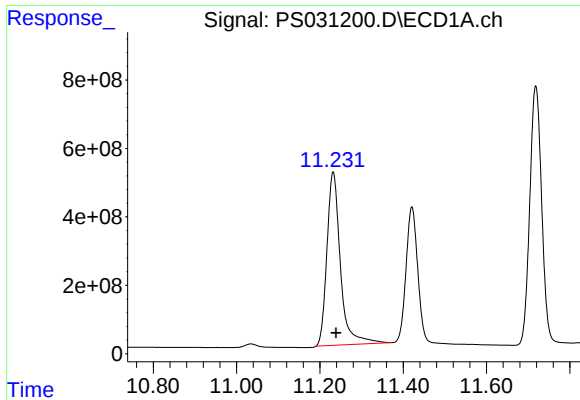
#14 DINOSEB

R.T.: 11.420 min
Delta R.T.: -0.006 min
Response: 7685259337
Conc: 493.61 ng/ml m



#14 DINOSEB

R.T.: 11.305 min
Delta R.T.: -0.003 min
Response: 5343218349
Conc: 472.76 ng/ml



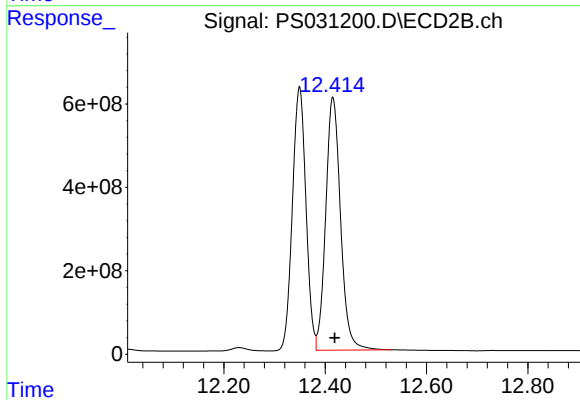
#15 Picloram

R.T.: 11.232 min
Delta R.T.: -0.007 min
Response: 11398922857
Conc: 569.76 ng/ml

Instrument :
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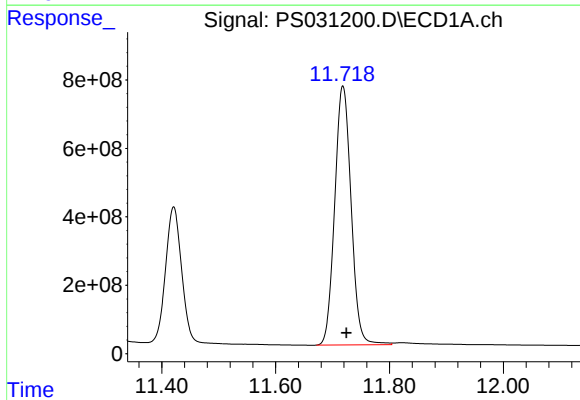
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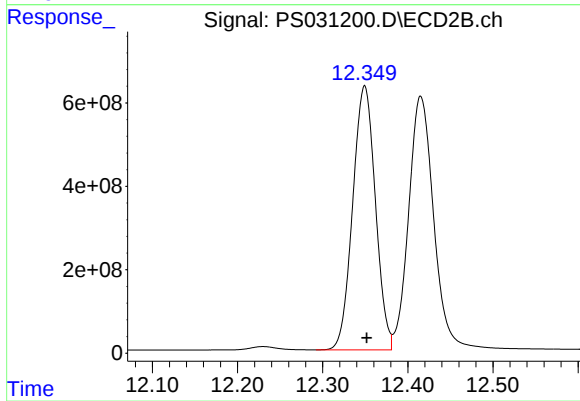
#15 Picloram

R.T.: 12.415 min
Delta R.T.: -0.004 min
Response: 12322753346
Conc: 494.99 ng/ml



#16 DCPA

R.T.: 11.718 min
Delta R.T.: -0.006 min
Response: 15119225104
Conc: 526.92 ng/ml



#16 DCPA

R.T.: 12.349 min
Delta R.T.: -0.003 min
Response: 11707372466
Conc: 508.22 ng/ml m