

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102025\
 Data File : PS032094.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2025 11:31
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/21/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 08:03:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 13 12:51:14 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	7.282	7.745	3613.2E6	840.0E6	757.945	763.430
Target Compounds							
1) T	Dalapon	2.663	2.689	5269.0E6	2600.1E6	681.844	691.828
2) T	3,5-DICHL...	6.449	6.698	5027.8E6	1469.9E6	714.295	704.685
3) T	4-Nitroph...	7.102	7.305	998.5E6	888.4E6	748.147	585.465
5) T	DICAMBA	7.464	7.939	15099.5E6	6226.8E6	721.002	718.955
6) T	MCPD	7.642	8.037	905.9E6	175.2E6	74.078	70.584
7) T	MCPA	7.792	8.284	1084.3E6	277.5E6	73.683	73.558
8) T	DICHLORPROP	8.172	8.660	3330.8E6	1375.2E6	700.619	702.243
9) T	2,4-D	8.411	9.004	3017.7E6	1434.9E6	621.458m	690.403
10) T	Pentachlo...	8.708	9.508	49687.7E6	40238.6E6	740.287	776.449
11) T	2,4,5-TP ...	9.280	9.893	20455.1E6	14551.9E6	724.278	724.882
12) T	2,4,5-T	9.579	10.324	18407.8E6	12331.5E6	729.187	719.264
13) T	2,4-DB	10.155	10.893	2135.6E6	827.8E6	688.840	640.633
14) T	DINOSEB	11.346	11.264	15858.4E6	11113.3E6	711.111	730.987
15) T	Picloram	11.185	12.393	13865.0E6	20973.6E6	588.050	629.990
16) T	DCPA	11.644	12.306	26437.1E6	24337.4E6	719.567	732.798

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

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ALS Vial : 3 Sample Multiplier: 1

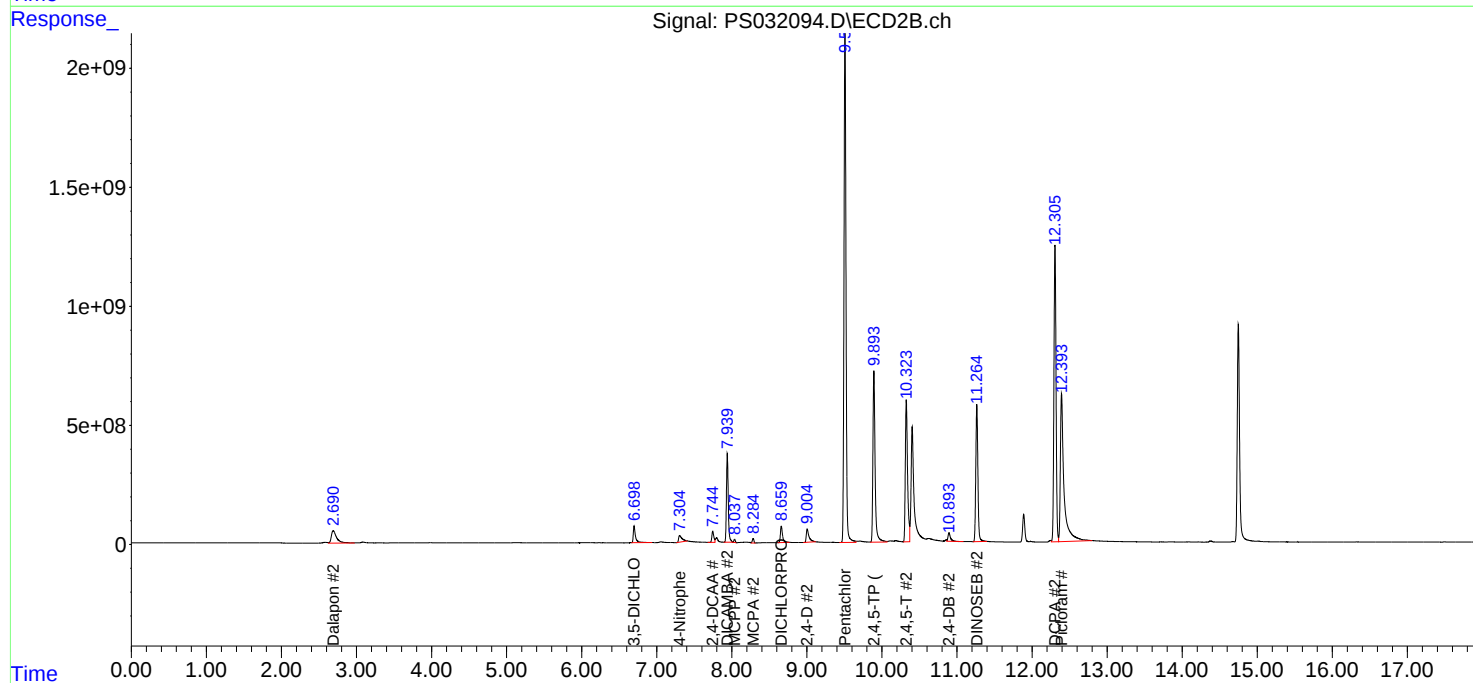
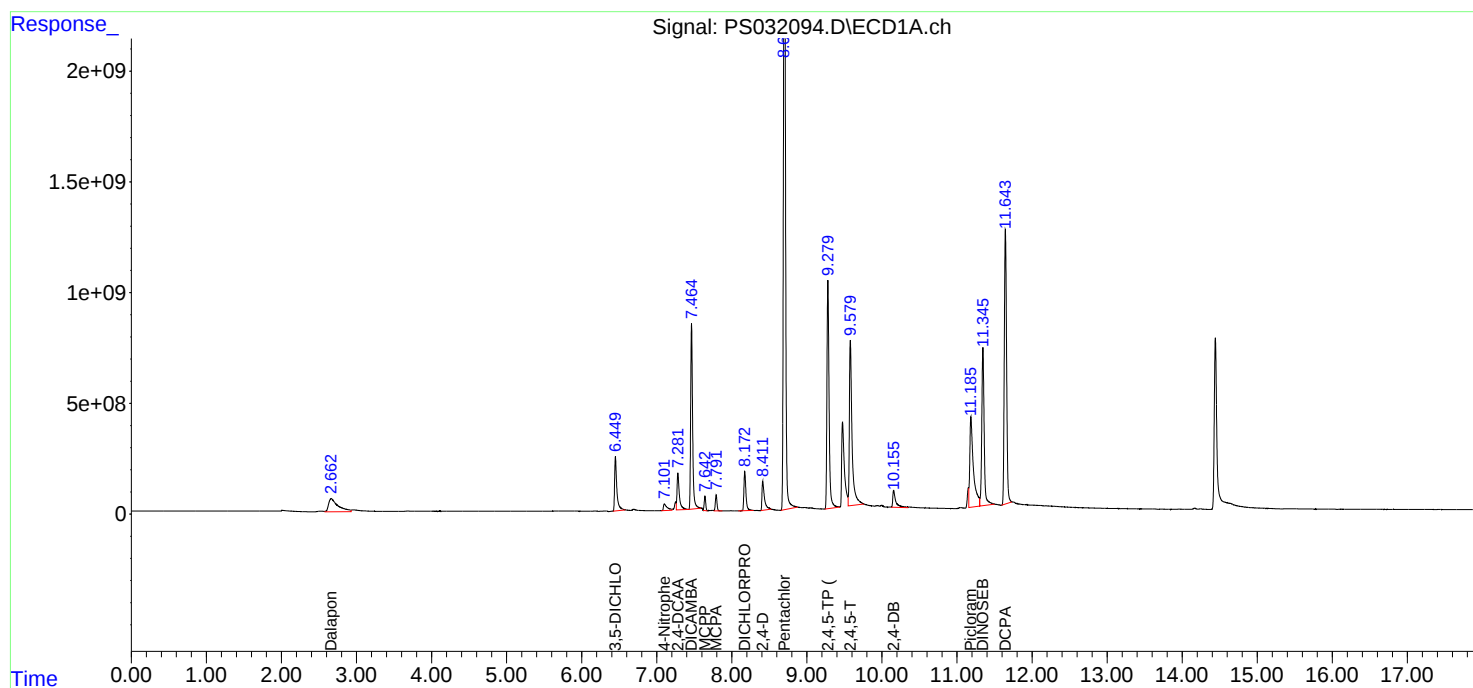
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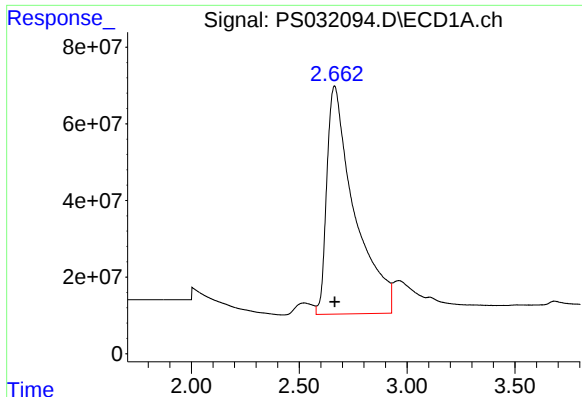
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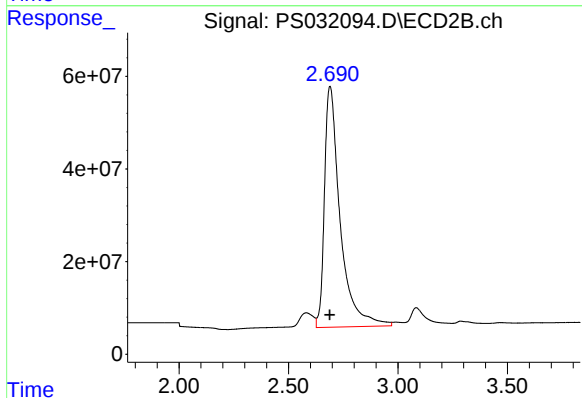
#1 Dalapon

R.T.: 2.663 min
Delta R.T.: -0.002 min
Response: 5268965408
Conc: 681.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

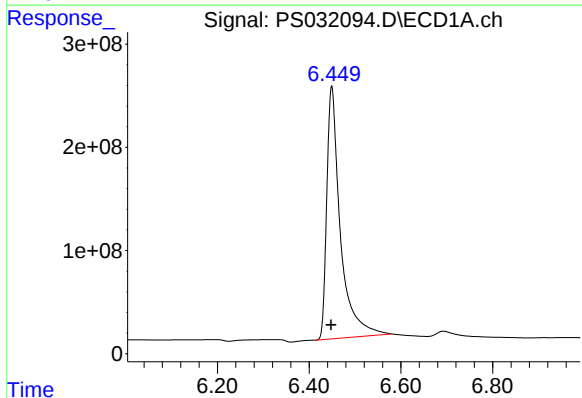
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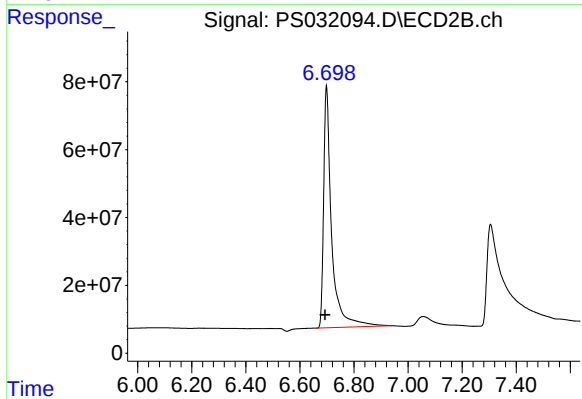
#1 Dalapon

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 2600074771
Conc: 691.83 ng/ml



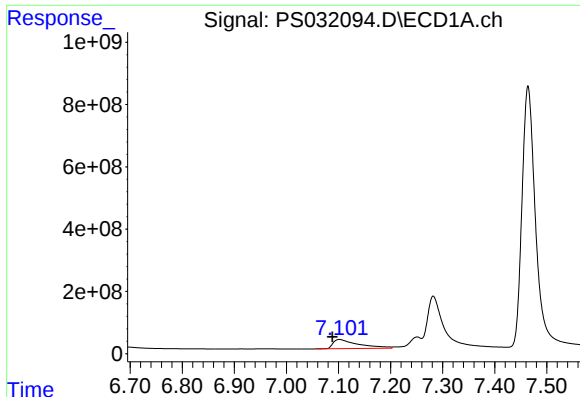
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.449 min
Delta R.T.: 0.002 min
Response: 5027826830
Conc: 714.30 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.698 min
Delta R.T.: 0.005 min
Response: 1469890705
Conc: 704.69 ng/ml



#3 4-Nitrophenol

R.T.: 7.102 min
Delta R.T.: 0.013 min
Response: 998540147
Conc: 748.15 ng/ml

Instrument :

ECD_S

ClientSampleId :

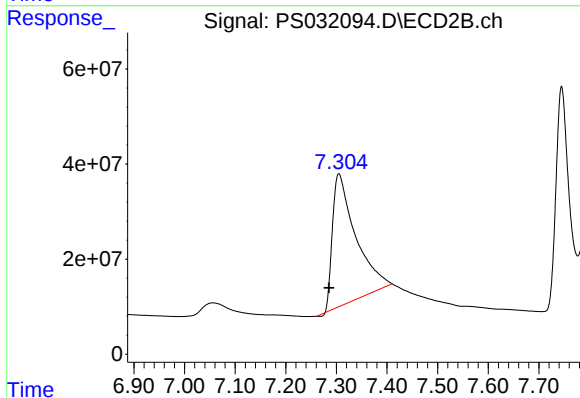
HSTDCCC750

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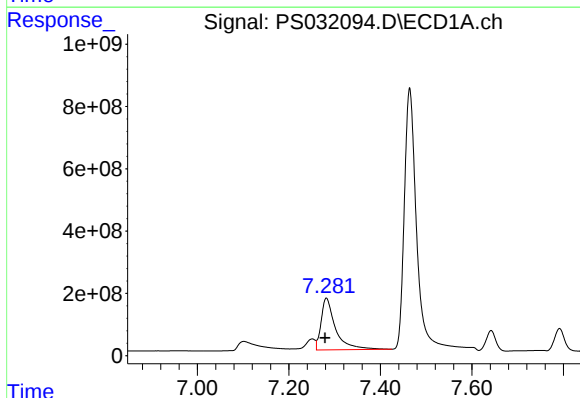
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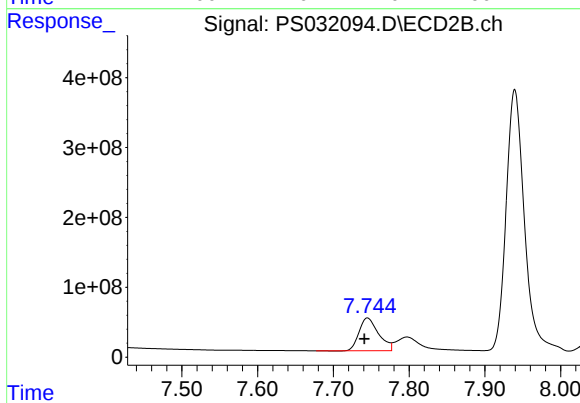
#3 4-Nitrophenol

R.T.: 7.305 min
Delta R.T.: 0.020 min
Response: 888392037
Conc: 585.47 ng/ml



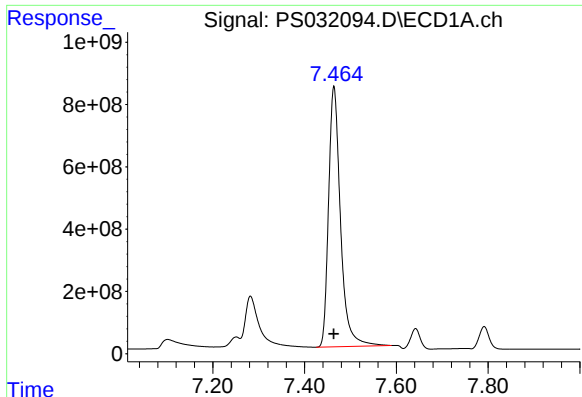
#4 2,4-DCAA

R.T.: 7.282 min
Delta R.T.: 0.002 min
Response: 3613150949
Conc: 757.95 ng/ml



#4 2,4-DCAA

R.T.: 7.745 min
Delta R.T.: 0.004 min
Response: 840033011
Conc: 763.43 ng/ml



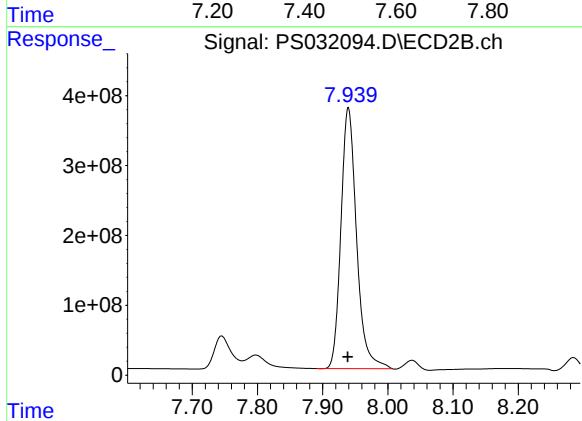
#5 DICAMBA

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 15099487137
Conc: 721.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

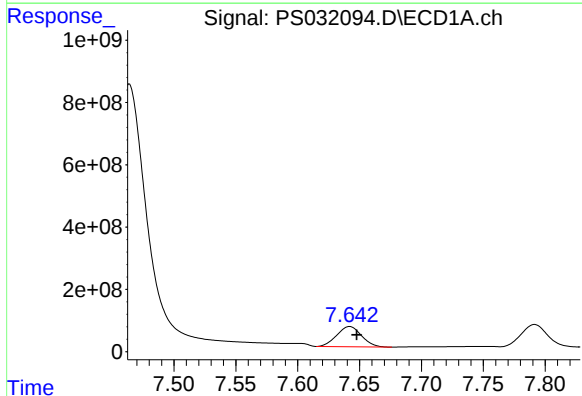
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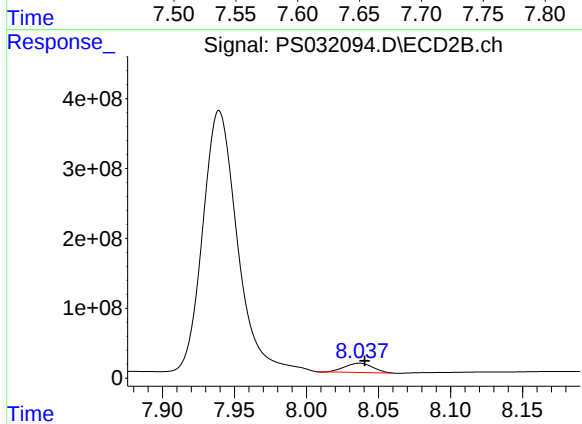
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.001 min
Response: 6226785403
Conc: 718.95 ng/ml



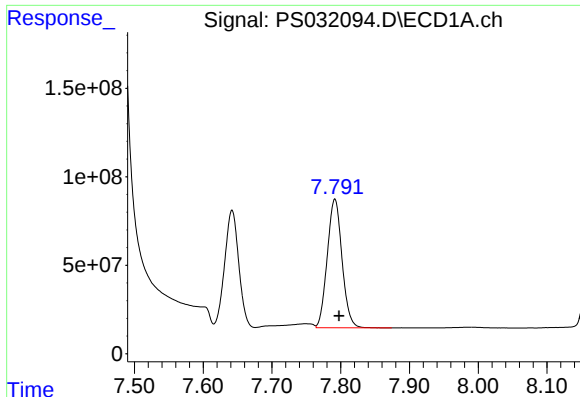
#6 MCP

R.T.: 7.642 min
Delta R.T.: -0.006 min
Response: 905860469
Conc: 74.08 ug/ml



#6 MCP

R.T.: 8.037 min
Delta R.T.: -0.004 min
Response: 175208730
Conc: 70.58 ug/ml



#7 MCPA

R.T.: 7.792 min
Delta R.T.: -0.006 min
Response: 1084332130
Conc: 73.68 ug/ml

Instrument :

ECD_S

ClientSampleId :

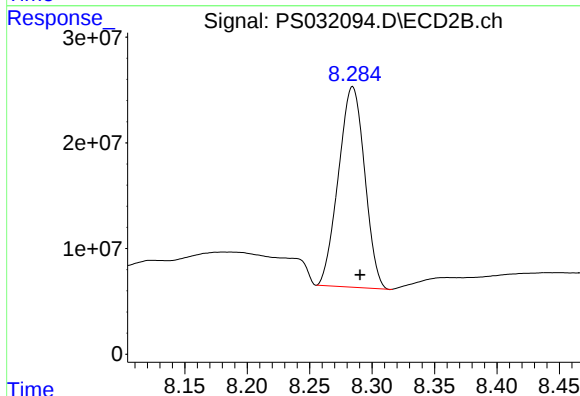
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Manual Integrations

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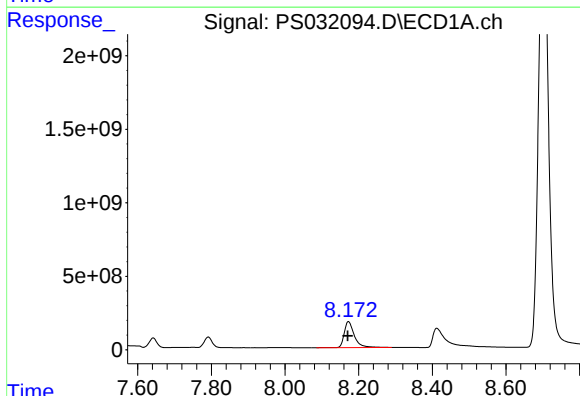
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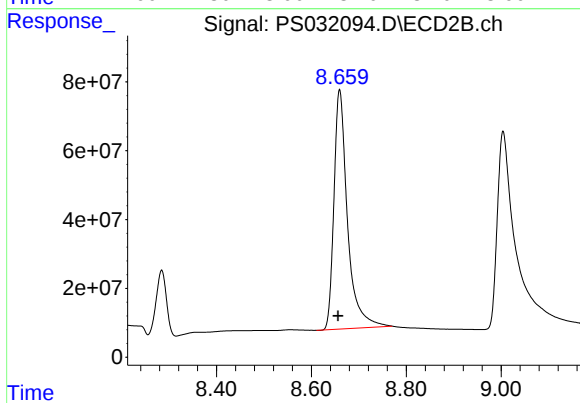
#7 MCPA

R.T.: 8.284 min
Delta R.T.: -0.006 min
Response: 277485876
Conc: 73.56 ug/ml



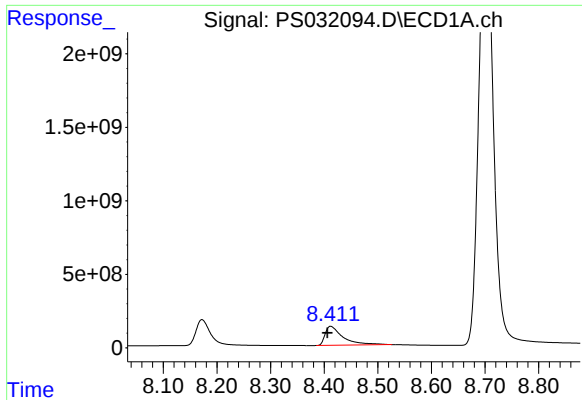
#8 DICHLORPROP

R.T.: 8.172 min
Delta R.T.: 0.001 min
Response: 3330844096
Conc: 700.62 ng/ml



#8 DICHLORPROP

R.T.: 8.660 min
Delta R.T.: 0.003 min
Response: 1375173435
Conc: 702.24 ng/ml



#9 2,4-D

R.T.: 8.411 min
Delta R.T.: 0.005 min
Response: 3017722173
Conc: 621.46 ng/ml

Instrument :

ECD_S

ClientSampleId :

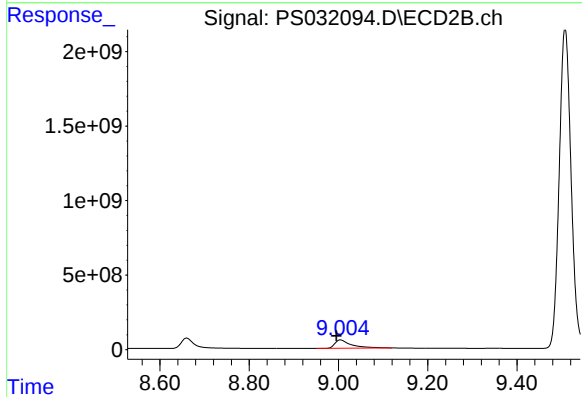
HSTDCCC750

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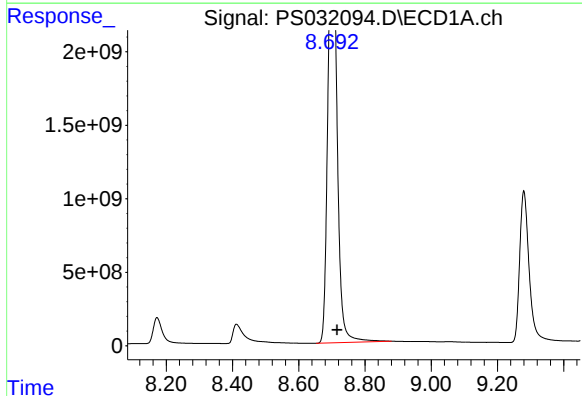
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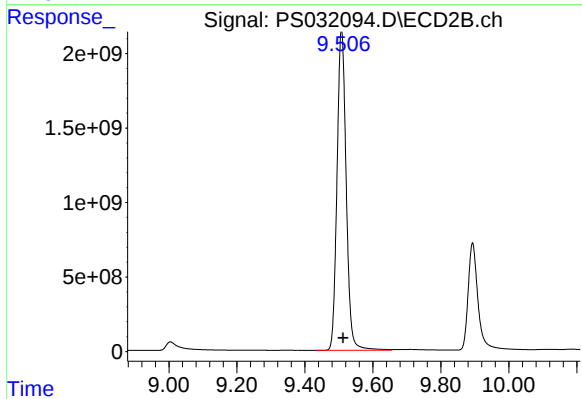
#9 2,4-D

R.T.: 9.004 min
Delta R.T.: 0.009 min
Response: 1434862591
Conc: 690.40 ng/ml



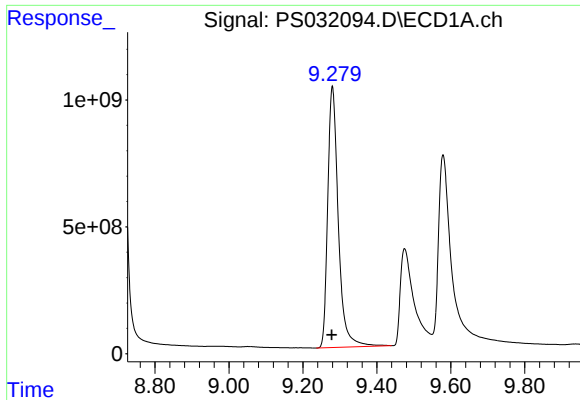
#10 Pentachlorophenol

R.T.: 8.708 min
Delta R.T.: -0.008 min
Response: 49687666551
Conc: 740.29 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.004 min
Response: 40238611397
Conc: 776.45 ng/ml



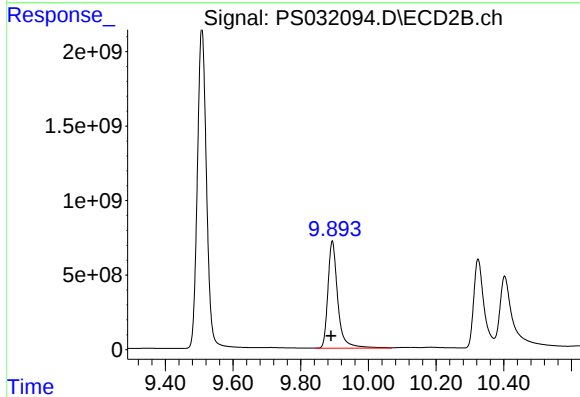
#11 2,4,5-TP (SILVEX)

R.T.: 9.280 min
Delta R.T.: 0.001 min
Response: 20455077058
Conc: 724.28 ng/ml

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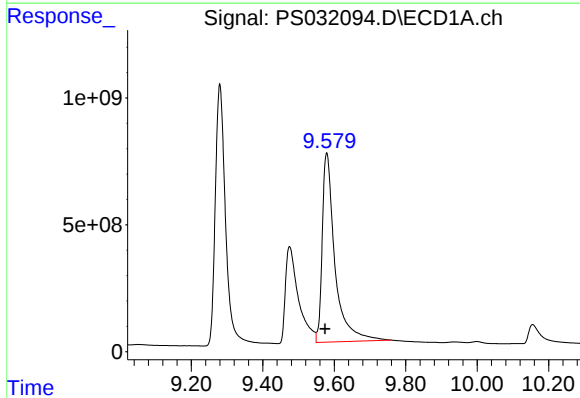
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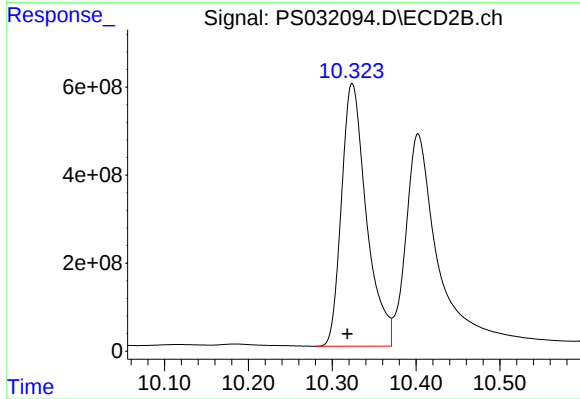
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: 0.003 min
Response: 14551915976
Conc: 724.88 ng/ml



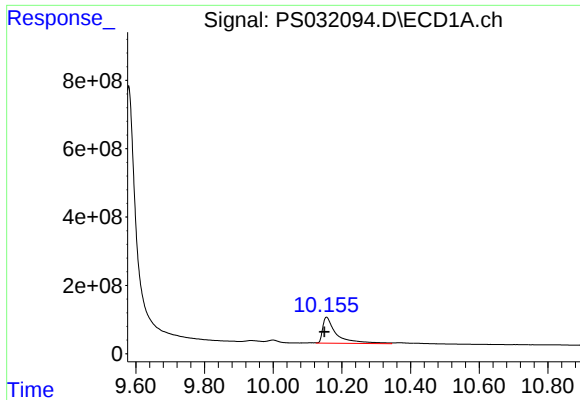
#12 2,4,5-T

R.T.: 9.579 min
Delta R.T.: 0.005 min
Response: 18407779550
Conc: 729.19 ng/ml



#12 2,4,5-T

R.T.: 10.324 min
Delta R.T.: 0.006 min
Response: 12331540606
Conc: 719.26 ng/ml



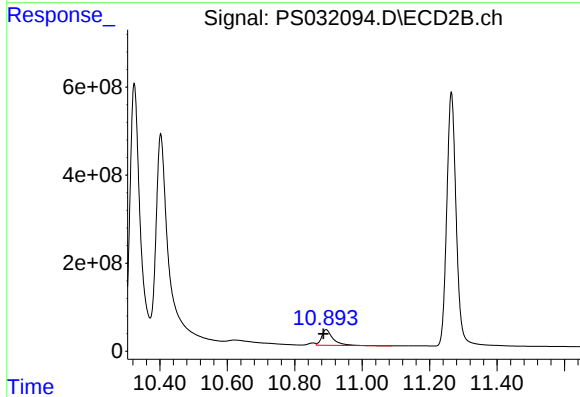
#13 2,4-DB

R.T.: 10.155 min
Delta R.T.: 0.006 min
Response: 2135622642
Conc: 688.84 ng/ml

Instrument :
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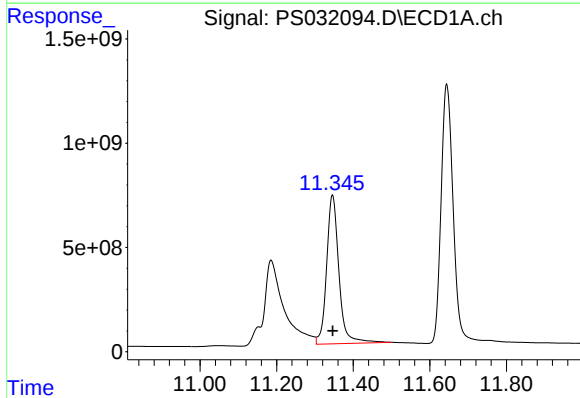
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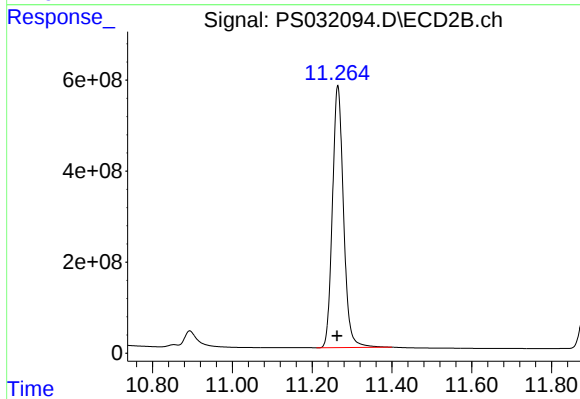
#13 2,4-DB

R.T.: 10.893 min
Delta R.T.: 0.008 min
Response: 827756216
Conc: 640.63 ng/ml



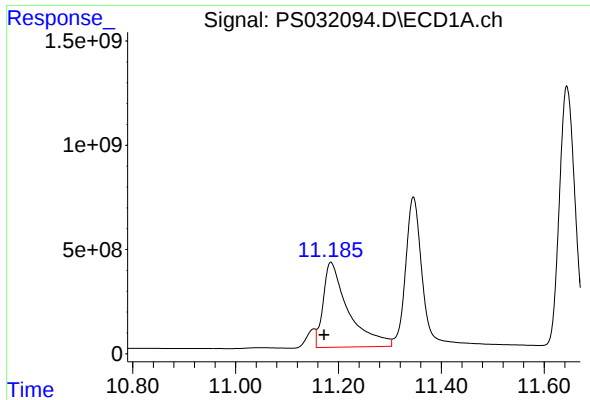
#14 DINOSEB

R.T.: 11.346 min
Delta R.T.: 0.000 min
Response: 15858388377
Conc: 711.11 ng/ml



#14 DINOSEB

R.T.: 11.264 min
Delta R.T.: 0.002 min
Response: 11113250924
Conc: 730.99 ng/ml



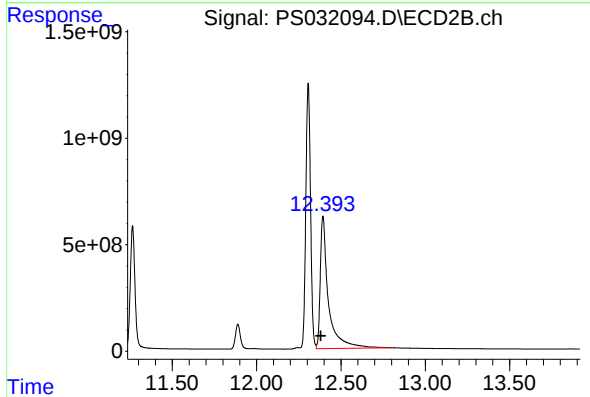
#15 Picloram

R.T.: 11.185 min
Delta R.T.: 0.013 min
Response: 13864960544
Conc: 588.05 ng/ml

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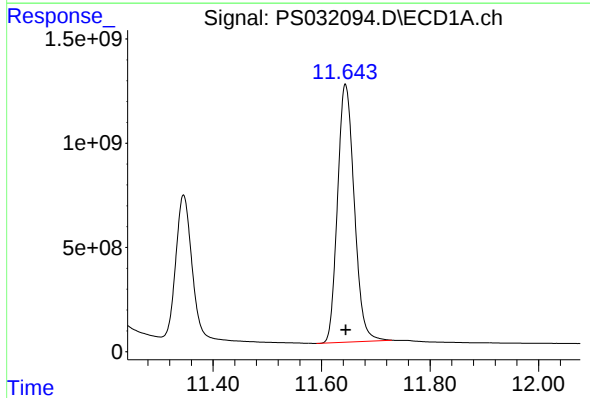
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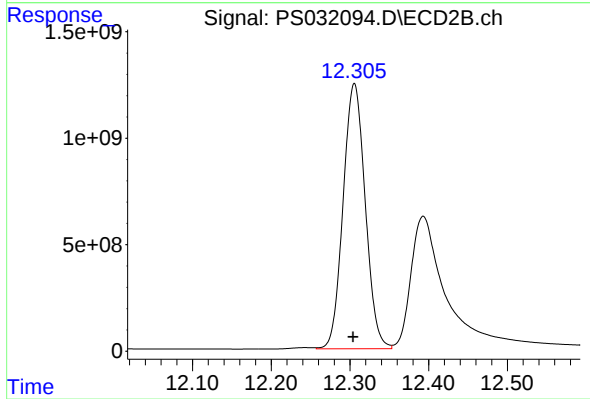
#15 Picloram

R.T.: 12.393 min
Delta R.T.: 0.014 min
Response: 20973645789
Conc: 629.99 ng/ml



#16 DCPA

R.T.: 11.644 min
Delta R.T.: 0.000 min
Response: 26437056272
Conc: 719.57 ng/ml



#16 DCPA

R.T.: 12.306 min
Delta R.T.: 0.002 min
Response: 24337423324
Conc: 732.80 ng/ml