

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090825\
 Data File : PS031662.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2025 01:38
 Operator : AR\AJ
 Sample : Q3023-04MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-2MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/09/2025
 Supervised By :mohammad ahmed 09/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 04:07:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090825.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 03:37:51 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	7.281	7.742	970.7E6	96132570	264.174	113.740m#
Target Compounds							
1) T	Dalapon	2.668	2.687	3183.9E6	1610.8E6	556.821	579.647
2) T	3,5-DICHL...	6.452	6.697	920.4E6	194.9E6	167.071	127.798
5) T	DICAMBA	7.466	7.935	3825.8E6	1703.2E6	234.853	266.859
6) T	MCPD	7.641	8.029	75439527	13511354	8.455	7.108
7) T	MCPA	7.790	8.274	168.8E6	43771534	15.473	16.373
8) T	DICHLORPROP	8.175	8.655	737.9E6	312.0E6	202.696	213.522
9) T	2,4-D	8.414	8.998	909.3E6	414.1E6	247.189	277.762
10) T	Pentachlo...	8.704	9.504	3367.7E6	2285.0E6	60.922	57.993
11) T	2,4,5-TP ...	9.282	9.887	4167.7E6	3012.6E6	193.289	205.766
12) T	2,4,5-T	9.580	10.320	3485.7E6	2771.4E6	193.365m	229.249m
13) T	2,4-DB	10.174	10.893	61152357	17545376	30.878m	22.813m#
14) T	DINOSEB	11.350	11.266	186.9E6	121.9E6	11.578m	11.308
15) T	Picloram	11.187	12.387	3018.8E6	3838.7E6	235.664	232.527
16) T	DCPA	11.649	12.301	7820.2E6	7123.1E6	284.089	299.492m

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

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Acq On : 09 Sep 2025 01:38
Operator : AR\AJ
Sample : Q3023-04MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

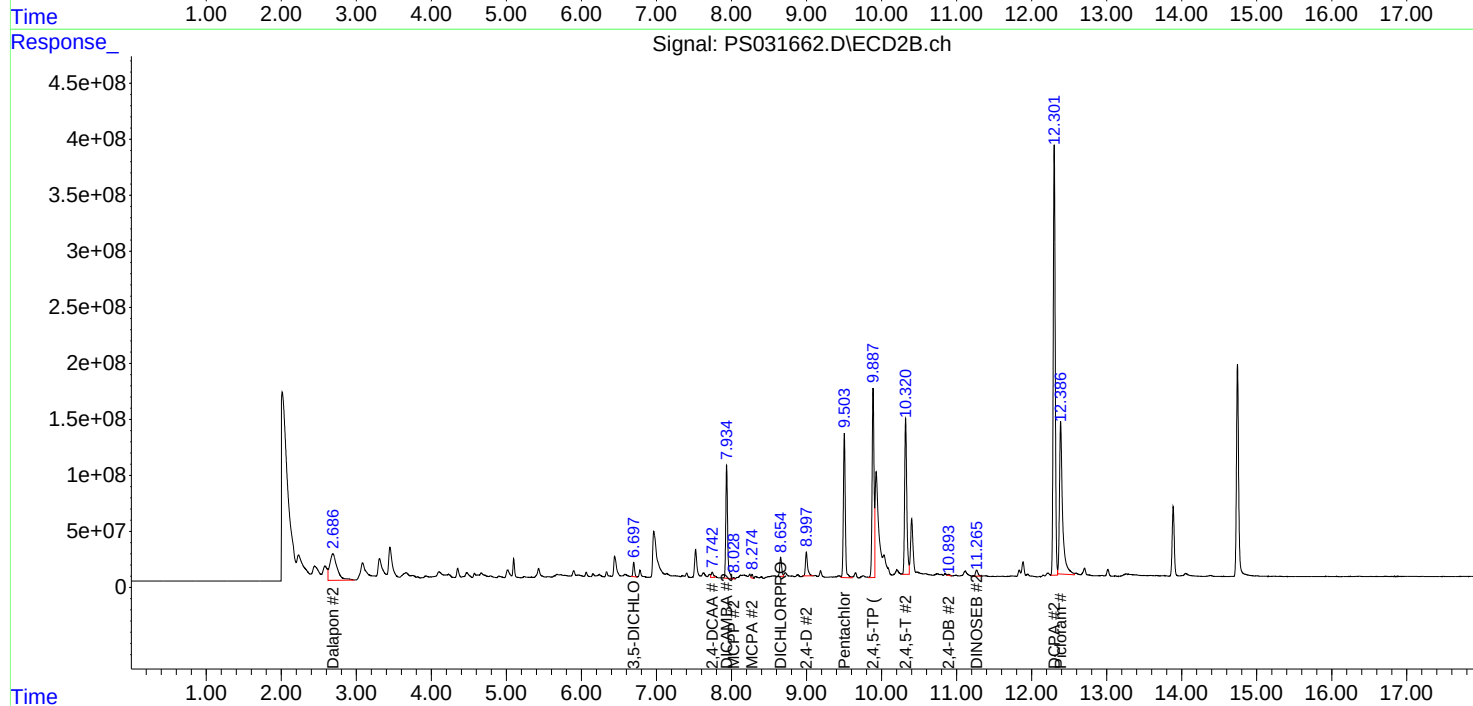
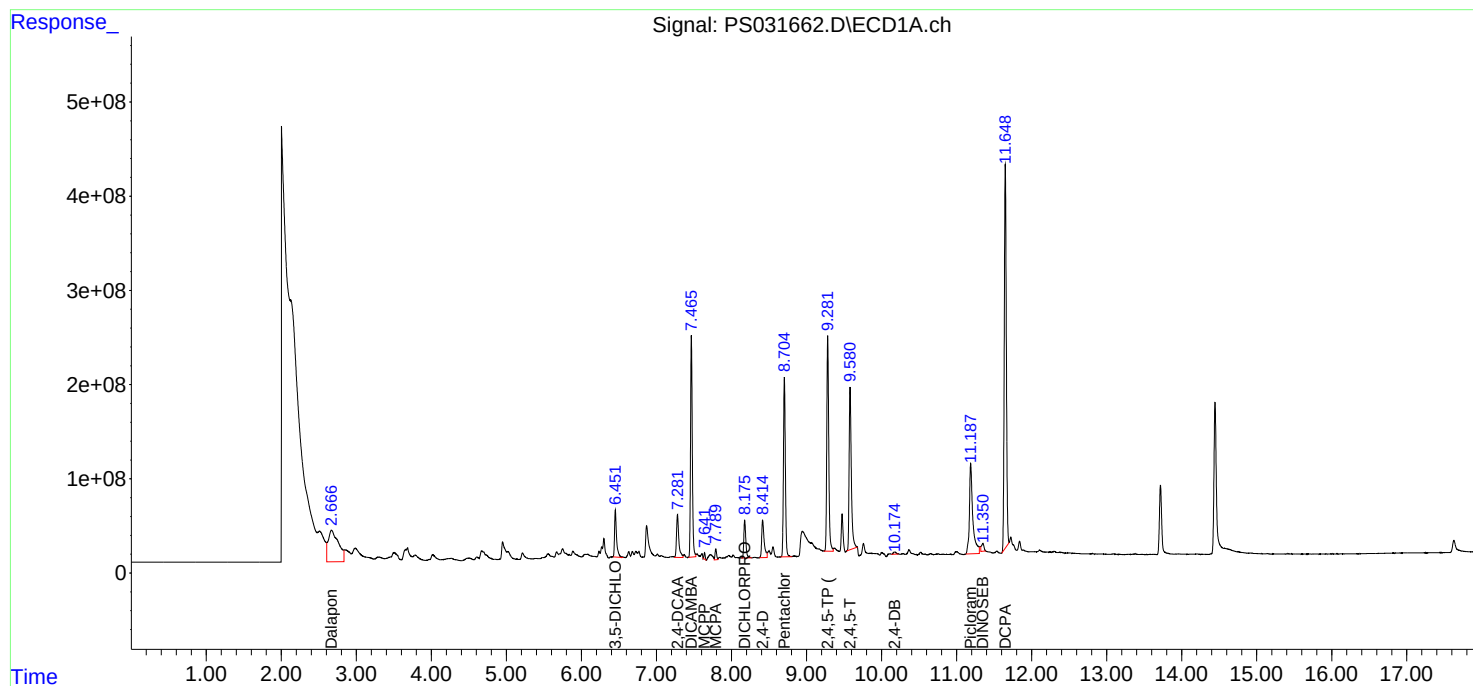
Instrument :
ECD_S
ClientSampleId :
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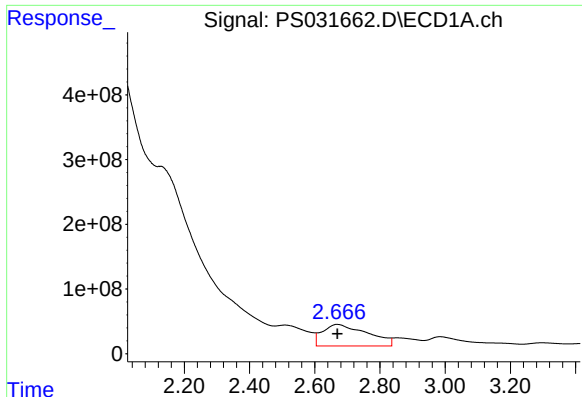
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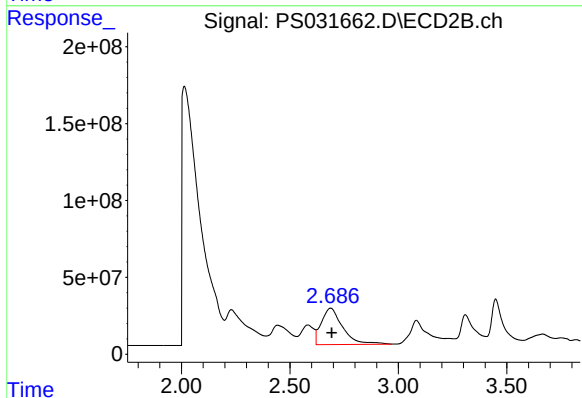
#1 Dalapon

R.T.: 2.668 min
Delta R.T.: -0.001 min
Response: 3183869724
Conc: 556.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

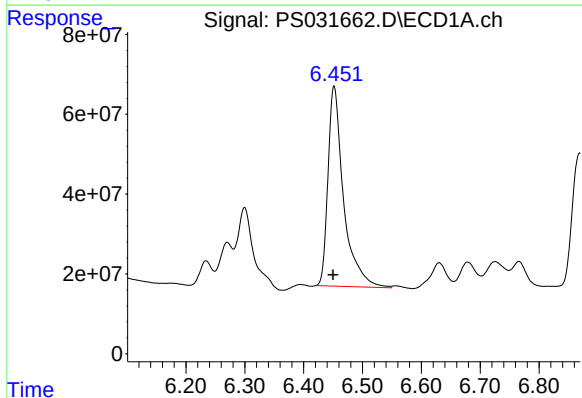
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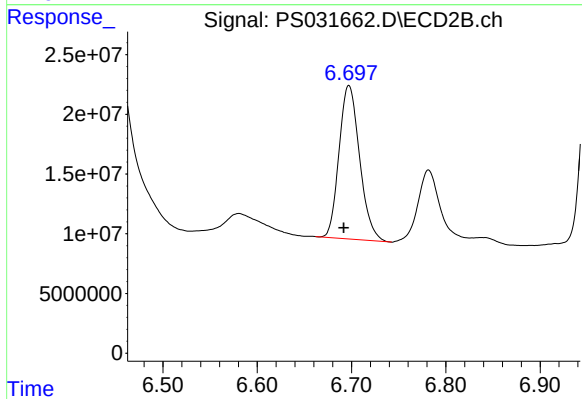
#1 Dalapon

R.T.: 2.687 min
Delta R.T.: -0.005 min
Response: 1610846141
Conc: 579.65 ng/ml



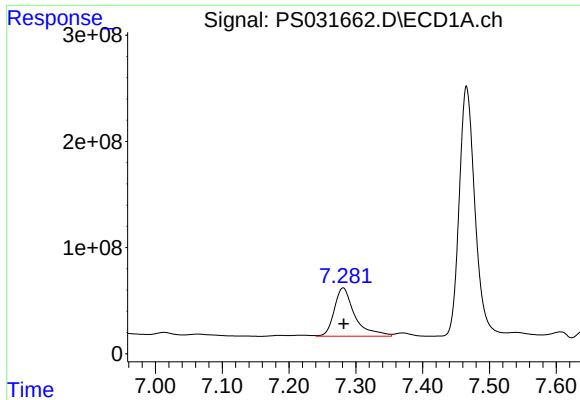
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: 0.001 min
Response: 920383161
Conc: 167.07 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.697 min
Delta R.T.: 0.006 min
Response: 194870741
Conc: 127.80 ng/ml



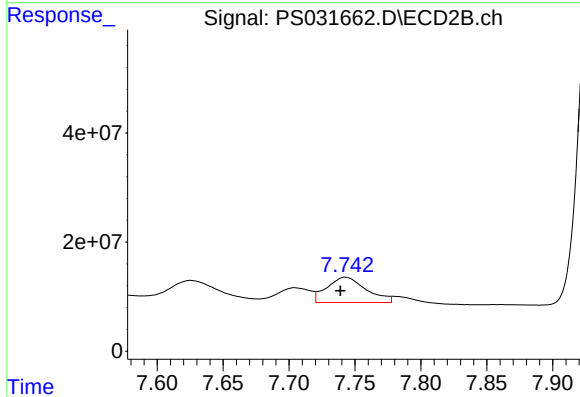
#4 2,4-DCAA

R.T.: 7.281 min
Delta R.T.: -0.001 min
Response: 970721592
Conc: 264.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

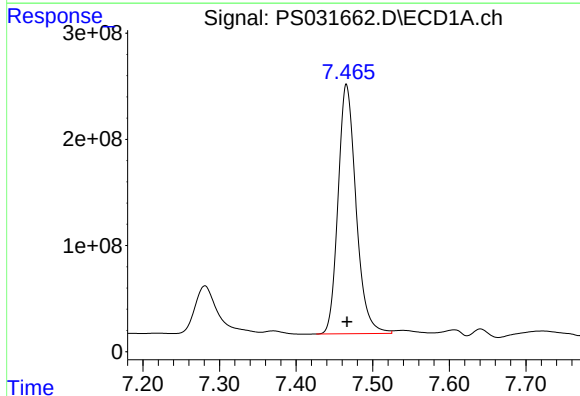
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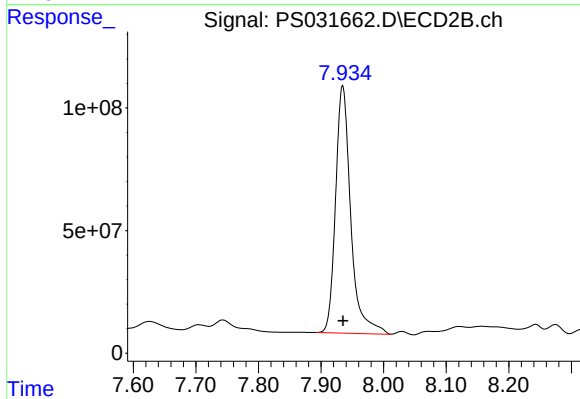
#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: 0.003 min
Response: 96132570
Conc: 113.74 ng/ml m



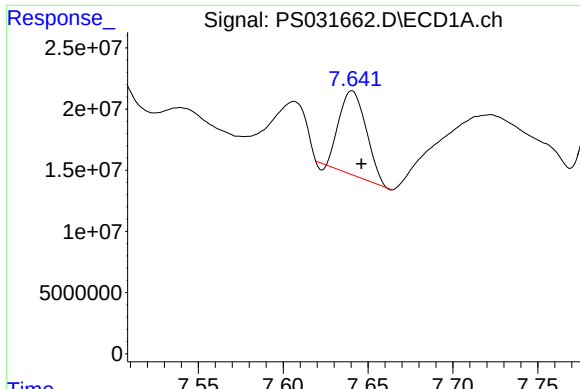
#5 DICAMBA

R.T.: 7.466 min
Delta R.T.: 0.000 min
Response: 3825803497
Conc: 234.85 ng/ml



#5 DICAMBA

R.T.: 7.935 min
Delta R.T.: 0.000 min
Response: 1703170294
Conc: 266.86 ng/ml



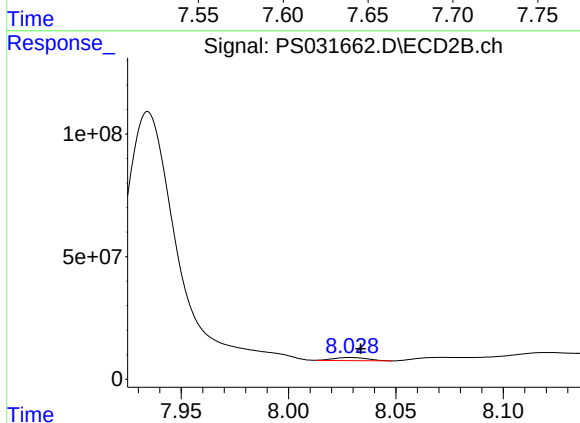
#6 MCPP

R.T.: 7.641 min
Delta R.T.: -0.006 min
Response: 75439527
Conc: 8.45 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

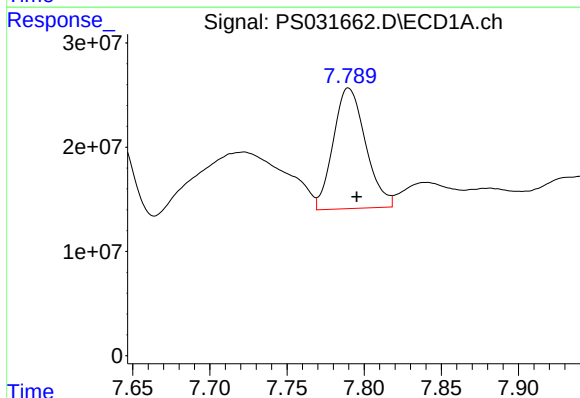
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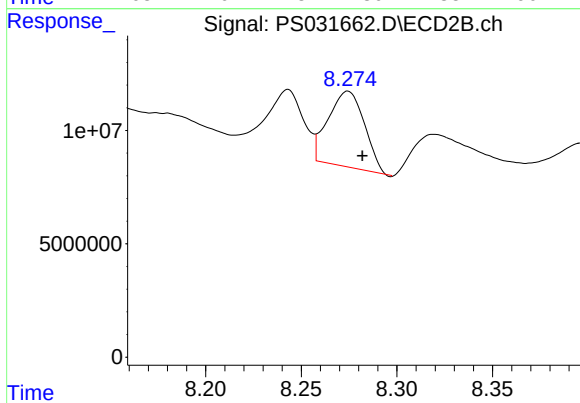
#6 MCPP

R.T.: 8.029 min
Delta R.T.: -0.005 min
Response: 13511354
Conc: 7.11 ug/ml



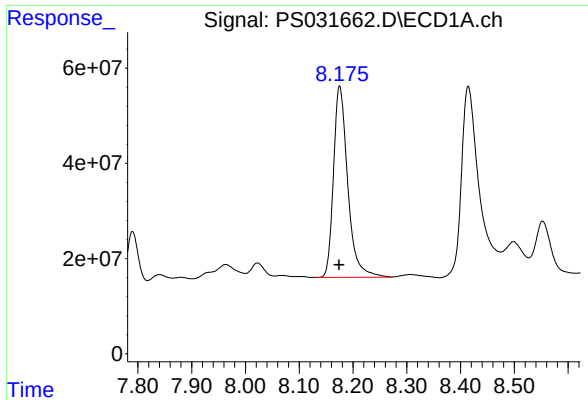
#7 MCPA

R.T.: 7.790 min
Delta R.T.: -0.005 min
Response: 168845450
Conc: 15.47 ug/ml



#7 MCPA

R.T.: 8.274 min
Delta R.T.: -0.008 min
Response: 43771534
Conc: 16.37 ug/ml



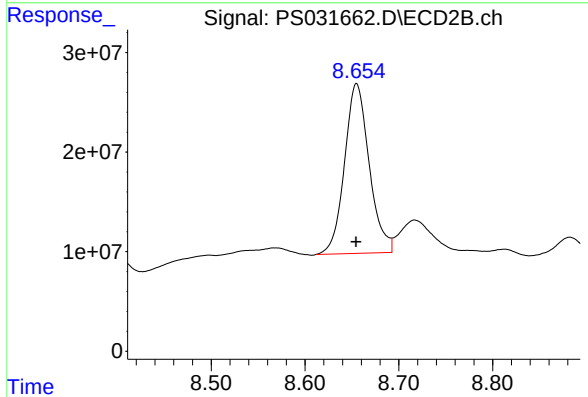
#8 DICHLORPROP

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 737863278
Conc: 202.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

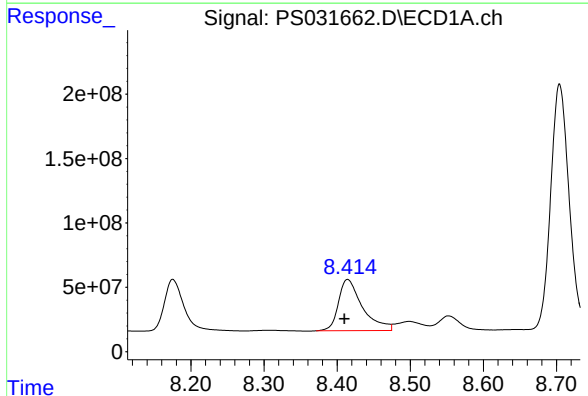
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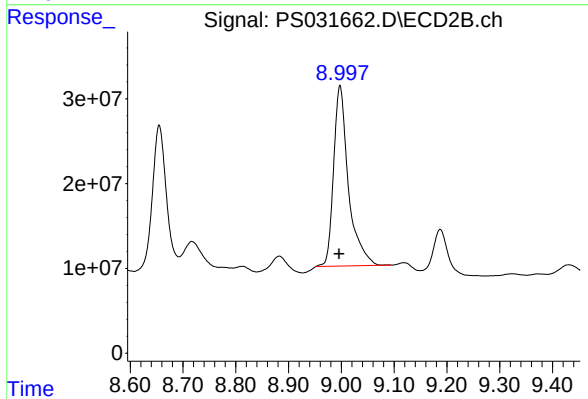
#8 DICHLORPROP

R.T.: 8.655 min
Delta R.T.: 0.000 min
Response: 312029460
Conc: 213.52 ng/ml



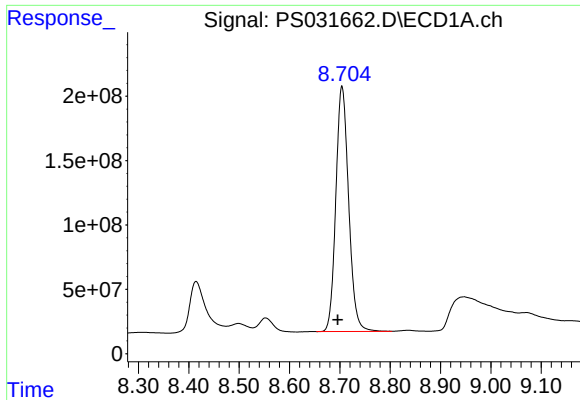
#9 2,4-D

R.T.: 8.414 min
Delta R.T.: 0.004 min
Response: 909273577
Conc: 247.19 ng/ml



#9 2,4-D

R.T.: 8.998 min
Delta R.T.: 0.002 min
Response: 414090891
Conc: 277.76 ng/ml



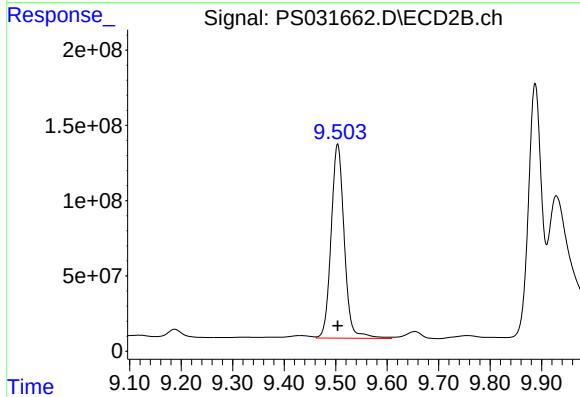
#10 Pentachlorophenol

R.T.: 8.704 min
Delta R.T.: 0.008 min
Response: 3367715451
Conc: 60.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

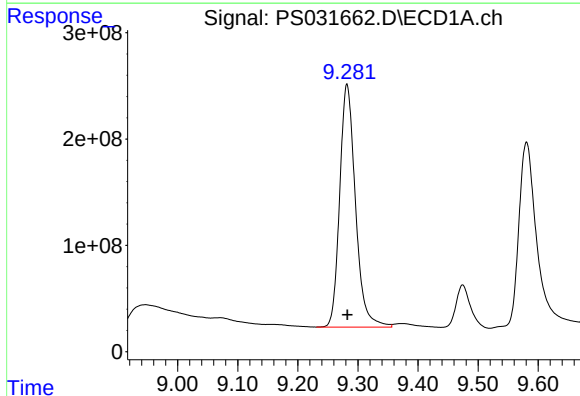
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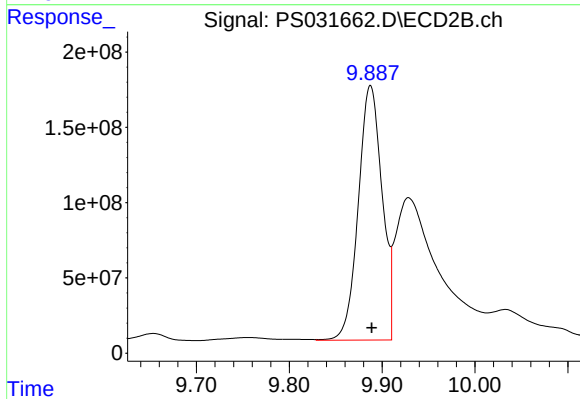
#10 Pentachlorophenol

R.T.: 9.504 min
Delta R.T.: 0.000 min
Response: 2285009671
Conc: 57.99 ng/ml



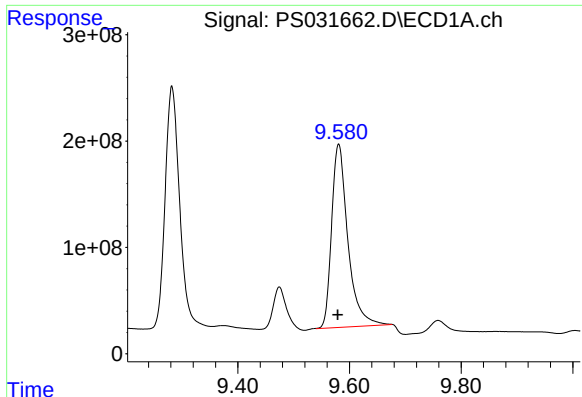
#11 2,4,5-TP (SILVEX)

R.T.: 9.282 min
Delta R.T.: 0.000 min
Response: 4167690244
Conc: 193.29 ng/ml



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

R.T.: 9.887 min
Delta R.T.: -0.001 min
Response: 3012604159
Conc: 205.77 ng/ml



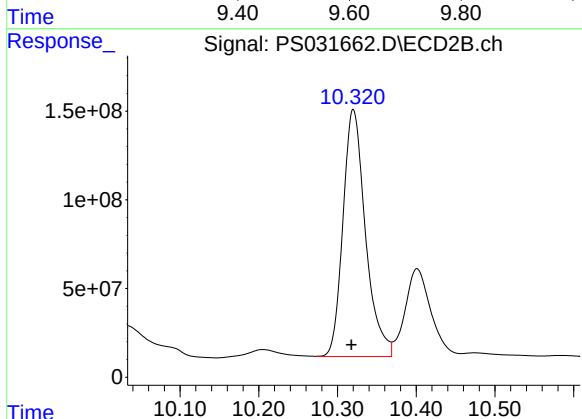
#12 2,4,5-T

R.T.: 9.580 min
Delta R.T.: 0.001 min
Response: 3485697552
Conc: 193.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

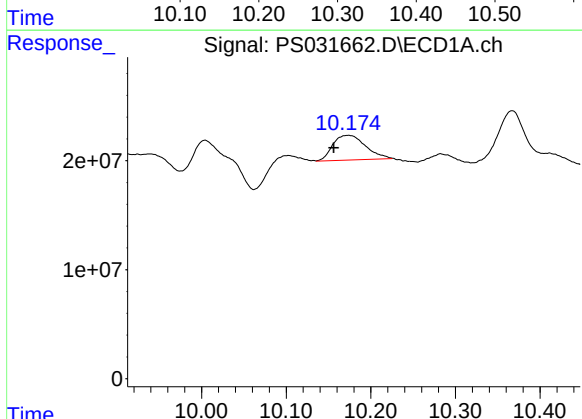
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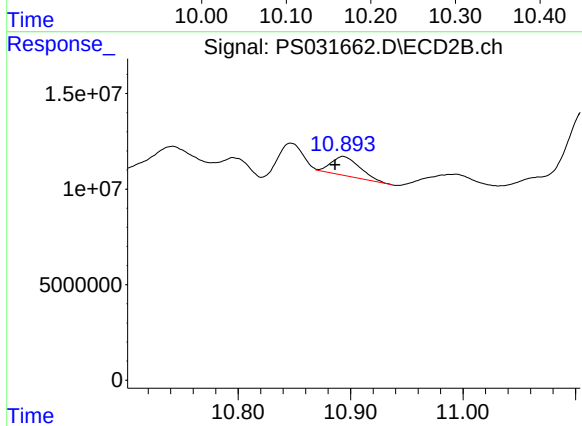
#12 2,4,5-T

R.T.: 10.320 min
Delta R.T.: 0.002 min
Response: 2771407871
Conc: 229.25 ng/ml m



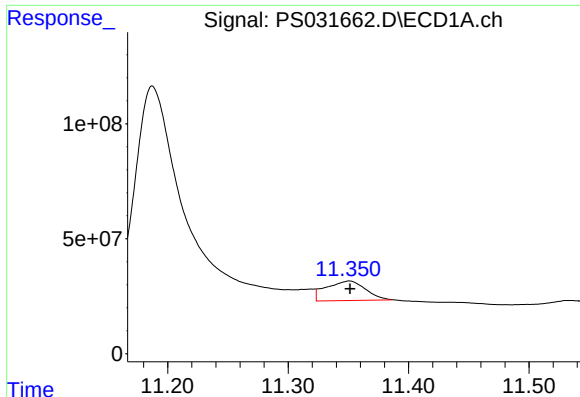
#13 2,4-DB

R.T.: 10.174 min
Delta R.T.: 0.018 min
Response: 61152357
Conc: 30.88 ng/ml m



#13 2,4-DB

R.T.: 10.893 min
Delta R.T.: 0.007 min
Response: 17545376
Conc: 22.81 ng/ml m



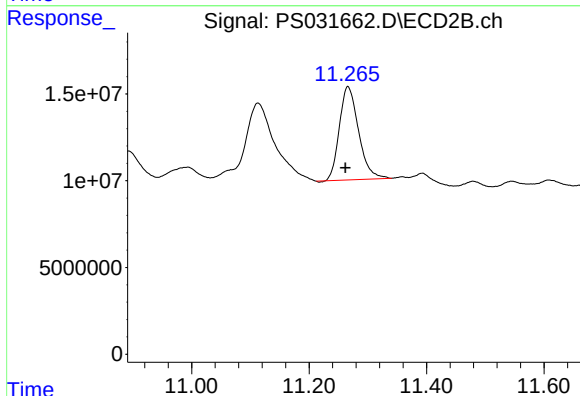
#14 DINOSEB

R.T.: 11.350 min
Delta R.T.: -0.001 min
Response: 186880093
Conc: 11.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

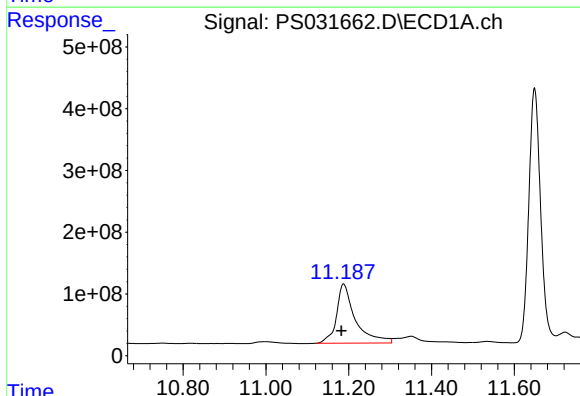
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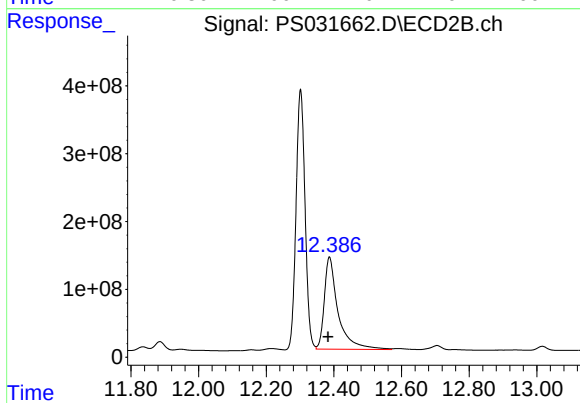
#14 DINOSEB

R.T.: 11.266 min
Delta R.T.: 0.005 min
Response: 121910290
Conc: 11.31 ng/ml



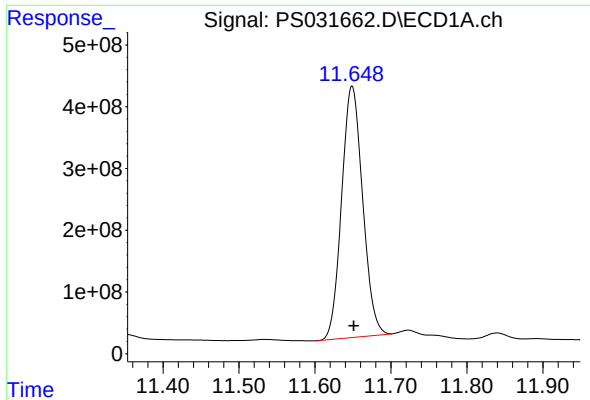
#15 Picloram

R.T.: 11.187 min
Delta R.T.: 0.005 min
Response: 3018817760
Conc: 235.66 ng/ml



#15 Picloram

R.T.: 12.387 min
Delta R.T.: 0.004 min
Response: 3838662586
Conc: 232.53 ng/ml



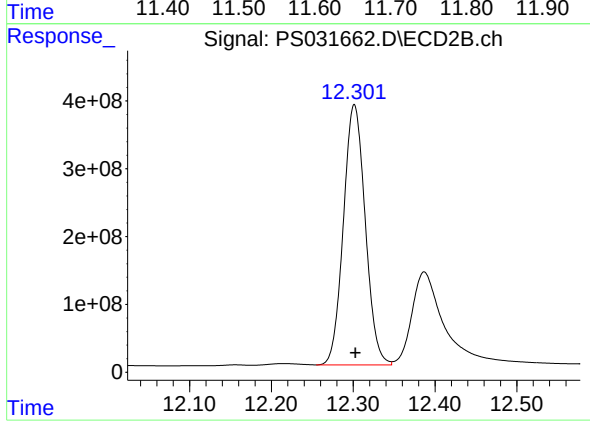
#16 DCPA

R.T.: 11.649 min
Delta R.T.: -0.002 min
Response: 7820216550
Conc: 284.09 ng/ml

Instrument :
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#16 DCPA

R.T.: 12.301 min
Delta R.T.: -0.002 min
Response: 7123086237
Conc: 299.49 ng/ml m