

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
 Data File : PS030442.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2025 12:33
 Operator : AR\AJ
 Sample : HSTDICV750
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 ICVPS060225

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/03/2025
 Supervised By : mohammad ahmed 06/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 05:32:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 02 12:26:05 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	6.732	7.301	2853.5E6	905.7E6	704.149	711.730
Target Compounds							
1) T	Dalapon	2.309	2.406	4327.9E6	2264.7E6	650.622	651.889
2) T	3,5-DICHL...	5.966	6.319	3956.4E6	1178.8E6	657.983	662.636
3) T	4-Nitroph...	6.527	6.839	1485.5E6	1032.3E6	638.218	643.548
5) T	DICAMBA	6.904	7.482	11713.7E6	5403.0E6	677.648	683.055
6) T	MCPD	7.083	7.593	773.0E6	210.3E6	69.943	69.657
7) T	MCPA	7.223	7.820	964.7E6	268.1E6	68.130	66.166
8) T	DICHLORPROP	7.570	8.166	2733.9E6	1256.6E6	661.616	666.488
9) T	2,4-D	7.786	8.475	2931.1E6	1373.6E6	670.223	670.556
10) T	Pentachlo...	8.053	8.962	41628.8E6	28048.4E6	711.541	701.295
11) T	2,4,5-TP ...	8.609	9.343	16717.3E6	11234.2E6	679.098	686.417
12) T	2,4,5-T	8.886	9.743	15289.8E6	10122.4E6	684.127	685.572
13) T	2,4-DB	9.434	10.295	2379.6E6	929.4E6	679.131	676.237
14) T	DINOSEB	10.574	10.663	12489.4E6	7672.7E6	669.789	676.784
15) T	Picloram	10.396	11.682	18669.3E6	17353.0E6	679.080	693.720m
16) T	DCPA	10.874	11.682	20973.9E6	16578.9E6	683.481	755.790m

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

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Acq On : 02 Jun 2025 12:33
Operator : AR\AJ
Sample : HSTDICV750
Misc :
ALS Vial : 8 Sample Multiplier: 1

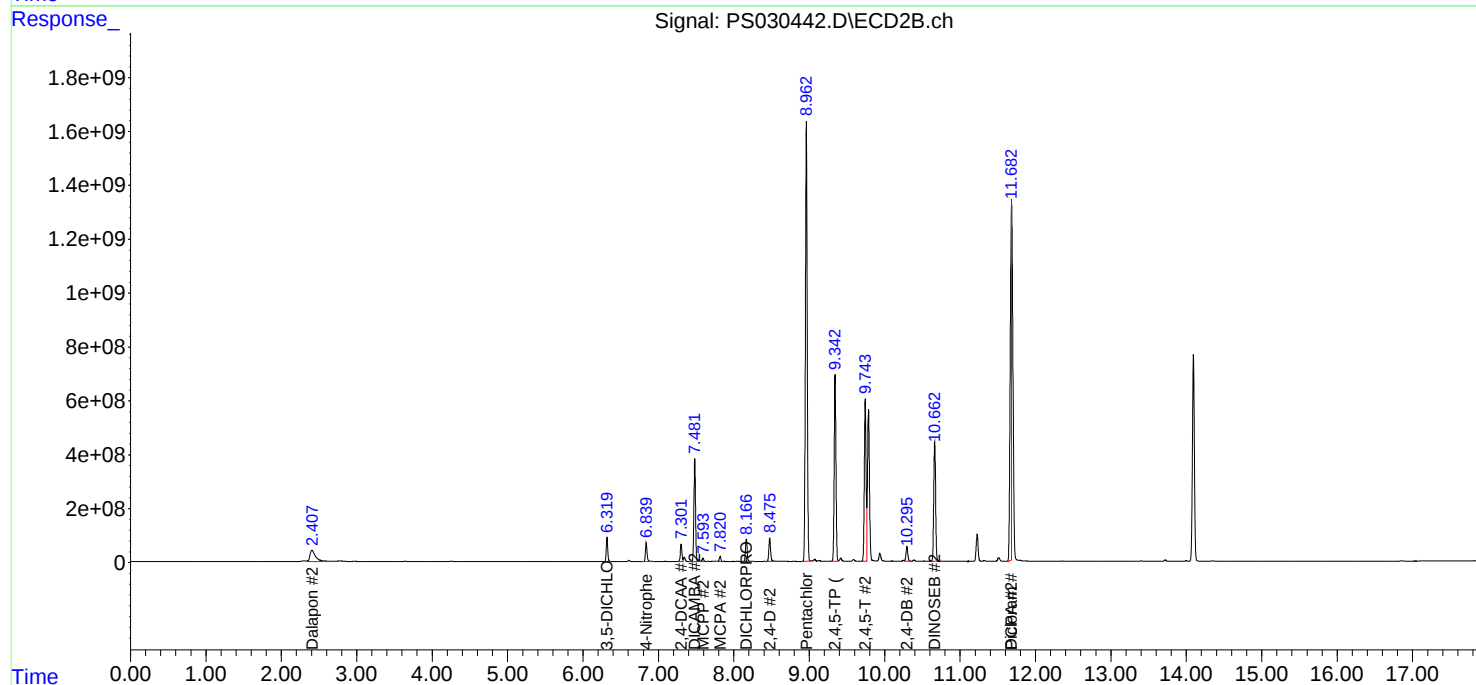
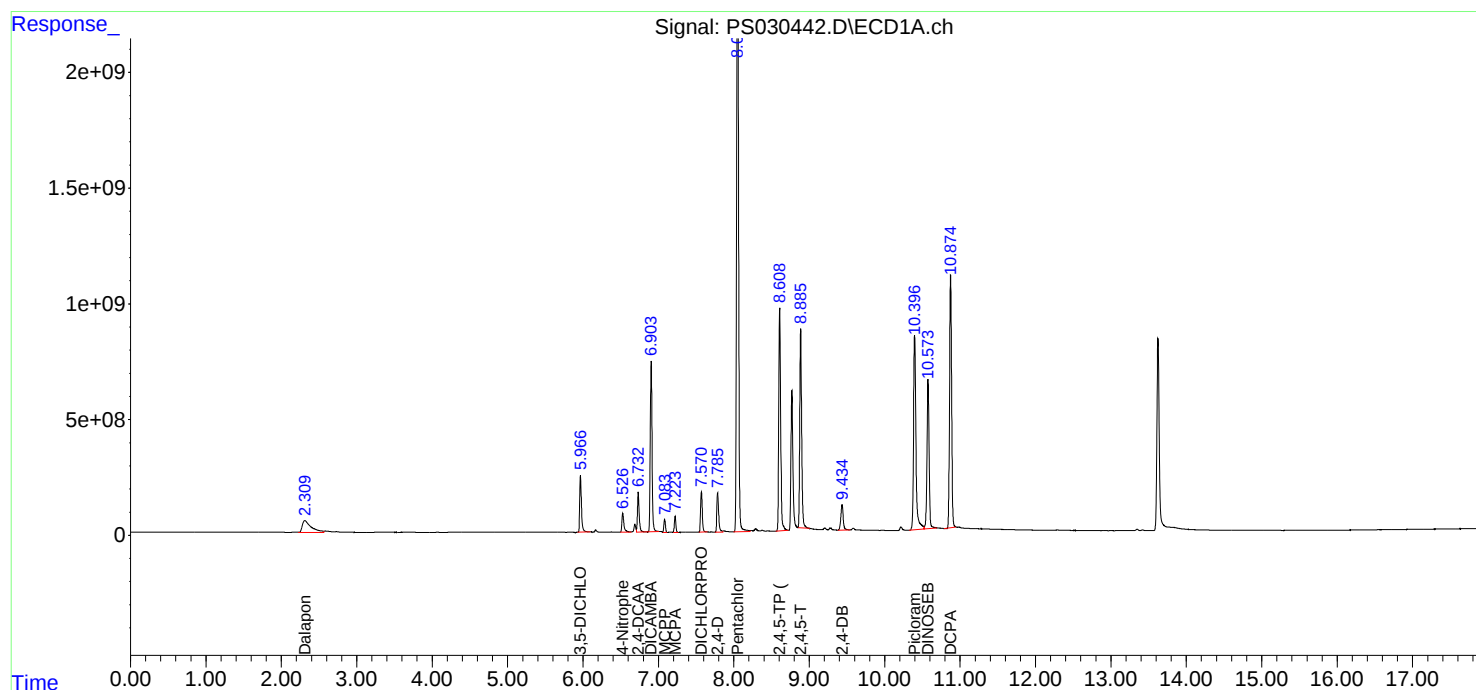
Instrument :
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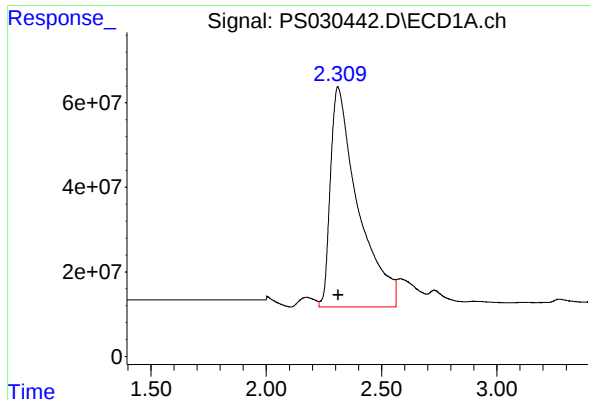
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Integration File signal 1: autoint1.e
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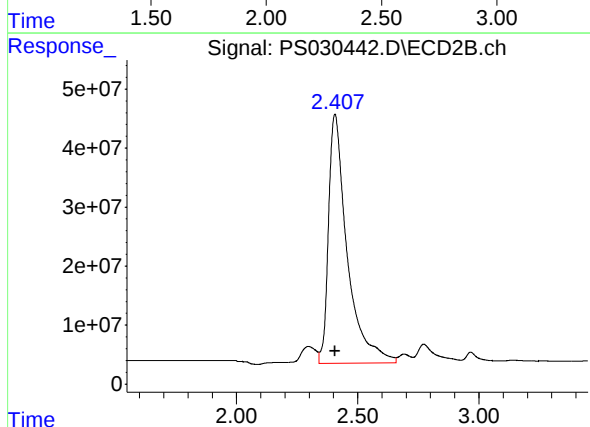
#1 Dalapon

R.T.: 2.309 min
Delta R.T.: -0.002 min
Response: 4327889952
Conc: 650.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS060225

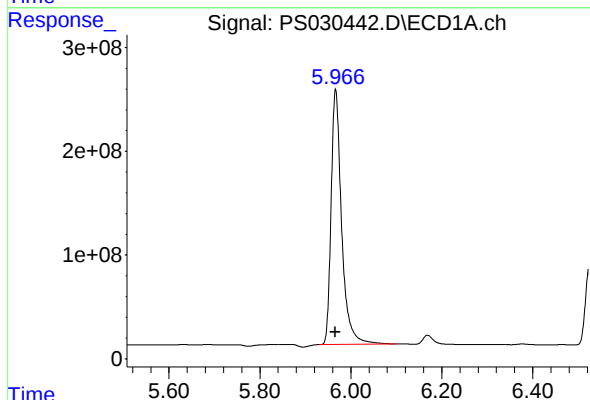
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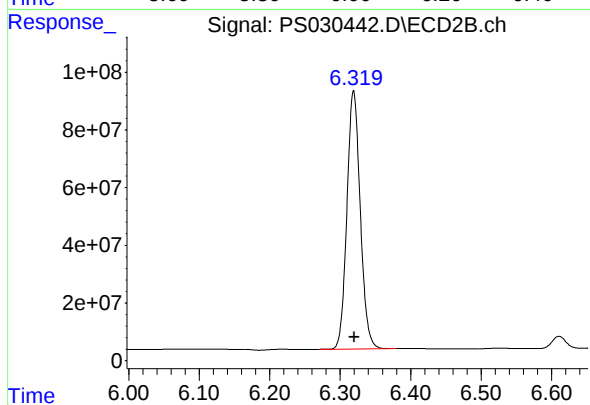
#1 Dalapon

R.T.: 2.406 min
Delta R.T.: 0.000 min
Response: 2264688241
Conc: 651.89 ng/ml



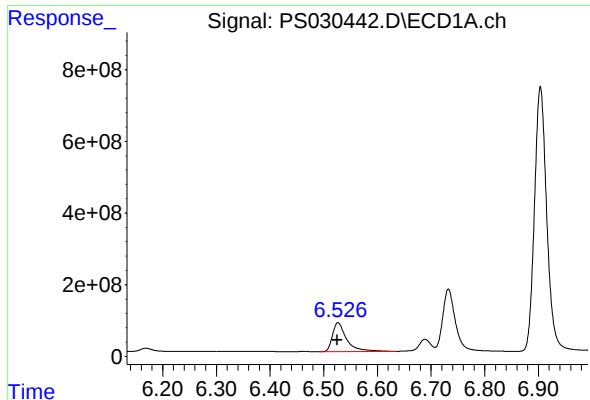
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 3956406205
Conc: 657.98 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.319 min
Delta R.T.: -0.001 min
Response: 1178826506
Conc: 662.64 ng/ml



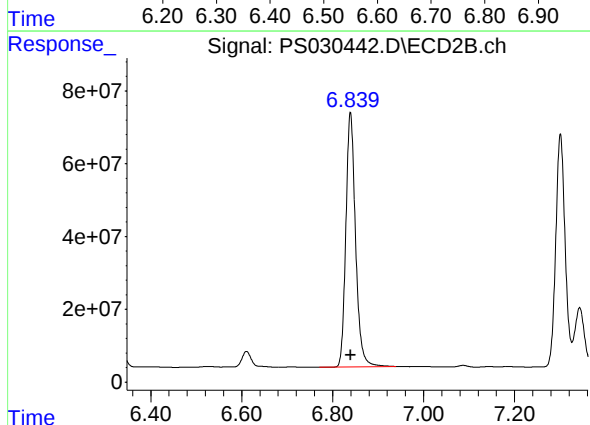
#3 4-Nitrophenol

R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 1485537908
Conc: 638.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS060225

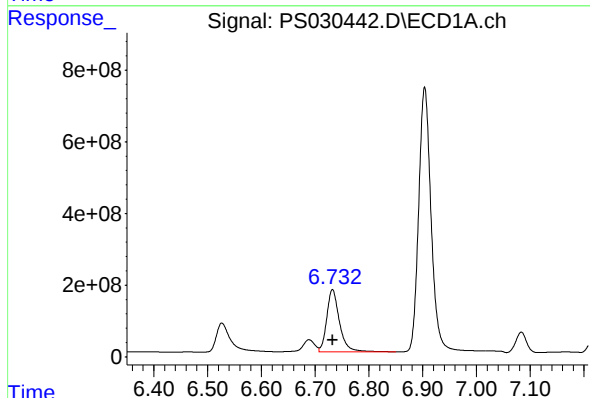
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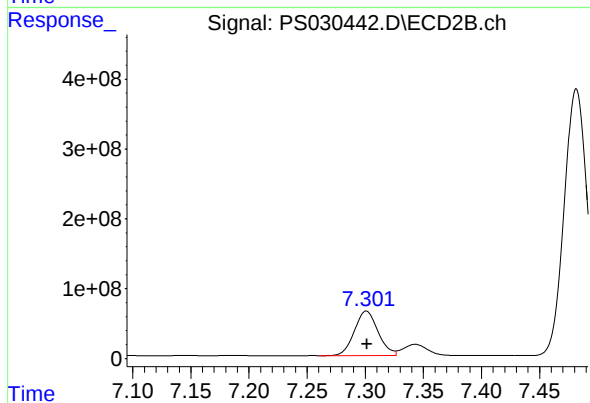
#3 4-Nitrophenol

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 1032260137
Conc: 643.55 ng/ml



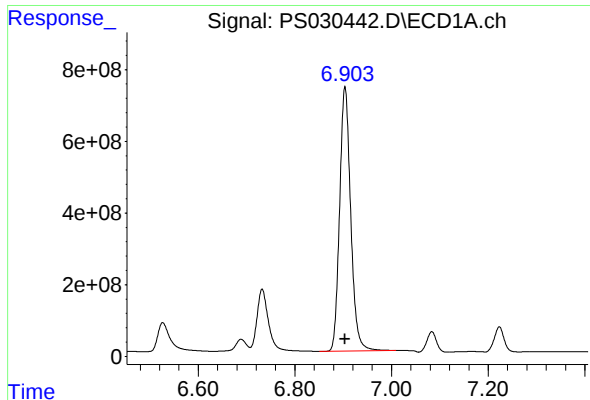
#4 2,4-DCAA

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 2853510747
Conc: 704.15 ng/ml



#4 2,4-DCAA

R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 905651292
Conc: 711.73 ng/ml



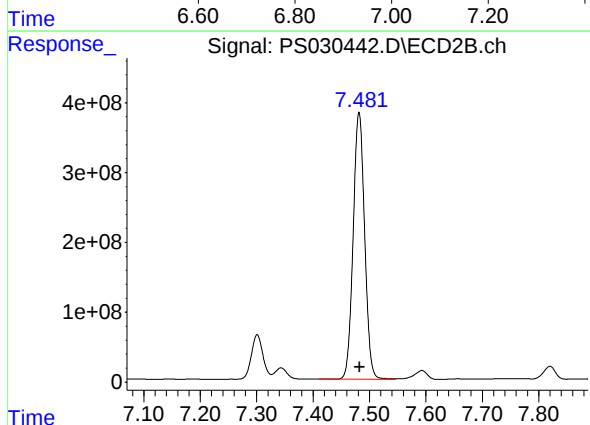
#5 DICAMBA

R.T.: 6.904 min
Delta R.T.: 0.000 min
Response: 11713736745
Conc: 677.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS060225

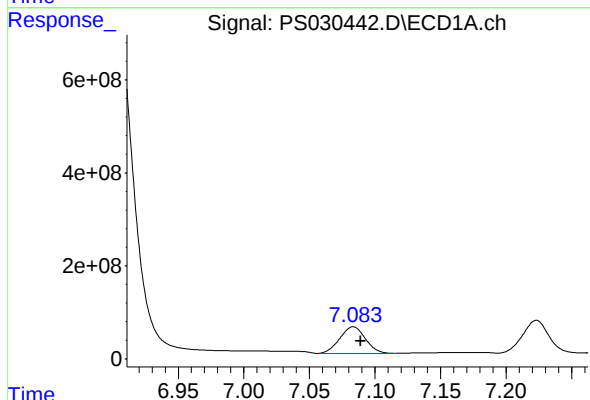
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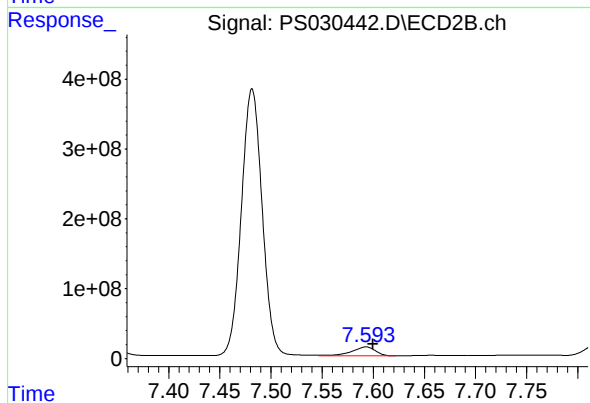
#5 DICAMBA

R.T.: 7.482 min
Delta R.T.: -0.001 min
Response: 5402951979
Conc: 683.05 ng/ml



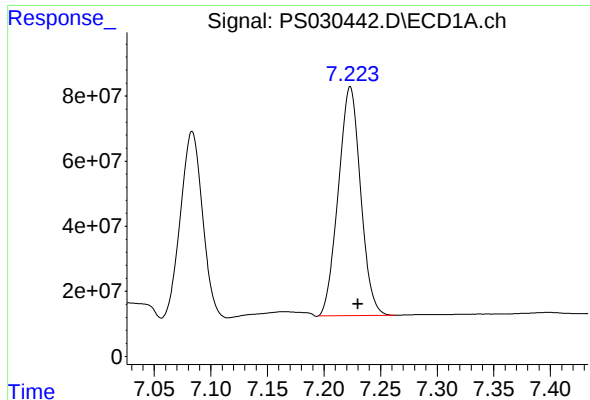
#6 MCPP

R.T.: 7.083 min
Delta R.T.: -0.006 min
Response: 772988679
Conc: 69.94 ug/ml



#6 MCPP

R.T.: 7.593 min
Delta R.T.: -0.007 min
Response: 210263627
Conc: 69.66 ug/ml



#7 MCPA

R.T.: 7.223 min
Delta R.T.: -0.007 min
Response: 964691381
Conc: 68.13 ug/ml

Instrument :

ECD_S

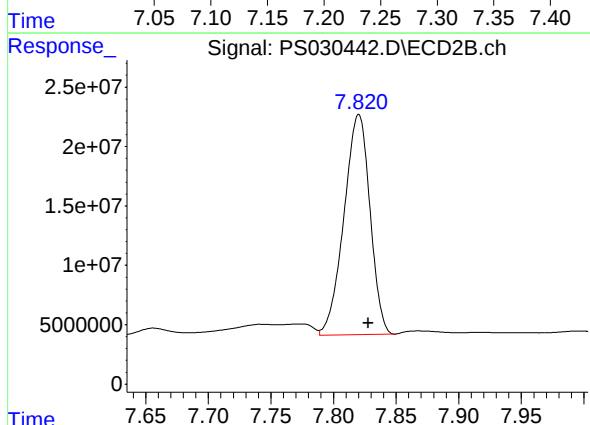
ClientSampleId :

ICVPS060225

Manual Integrations

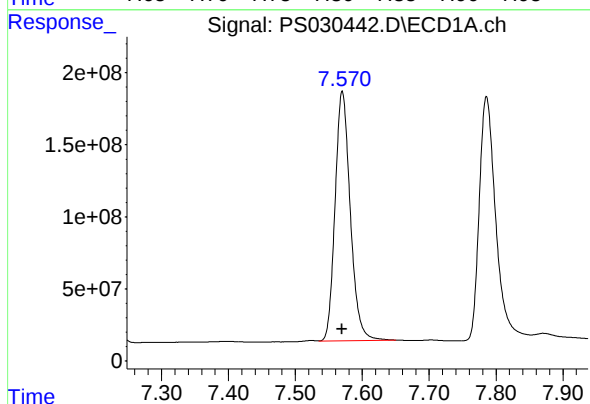
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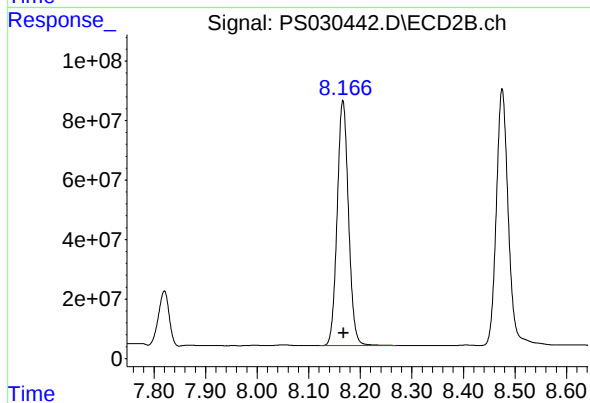
#7 MCPA

R.T.: 7.820 min
Delta R.T.: -0.008 min
Response: 268099641
Conc: 66.17 ug/ml



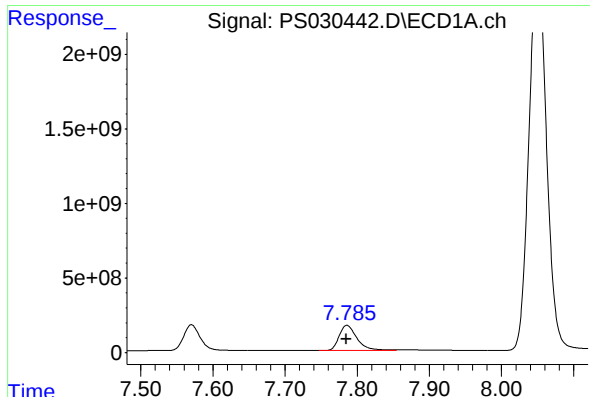
#8 DICHLORPROP

R.T.: 7.570 min
Delta R.T.: 0.000 min
Response: 2733912070
Conc: 661.62 ng/ml



#8 DICHLORPROP

R.T.: 8.166 min
Delta R.T.: -0.001 min
Response: 1256632262
Conc: 666.49 ng/ml



#9 2,4-D

R.T.: 7.786 min
Delta R.T.: 0.000 min
Response: 2931103093
Conc: 670.22 ng/ml

Instrument :

ECD_S

ClientSampleId :

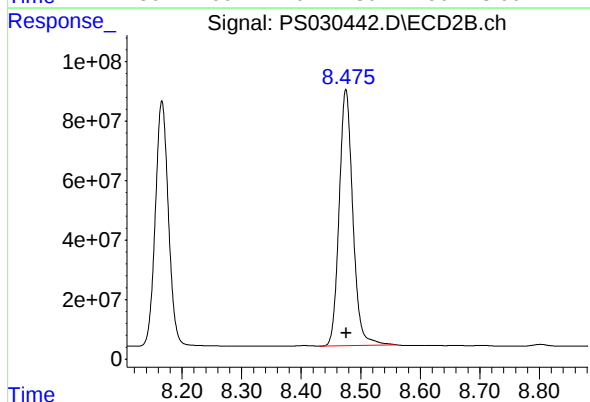
ICVPS060225

Manual Integrations

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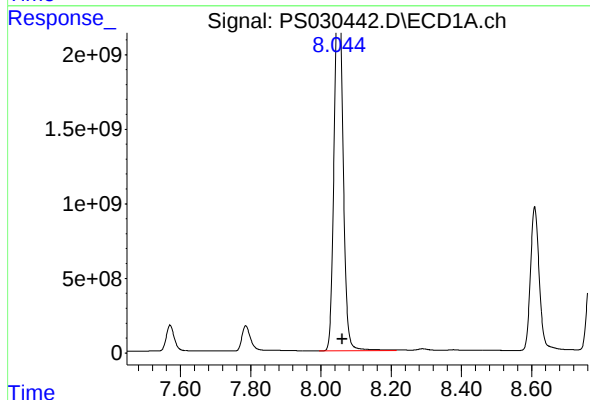
Reviewed By :Abdul Mirza 06/03/2025

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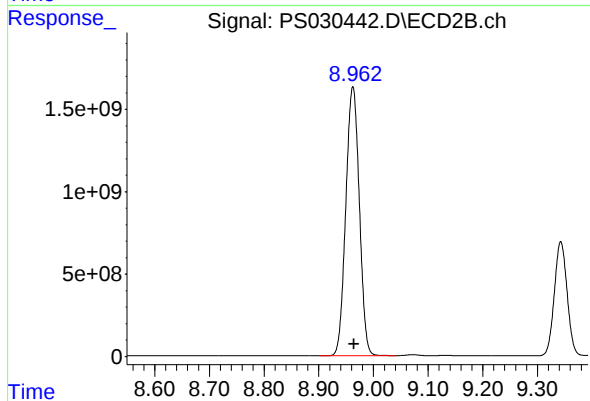
#9 2,4-D

R.T.: 8.475 min
Delta R.T.: 0.000 min
Response: 1373572556
Conc: 670.56 ng/ml



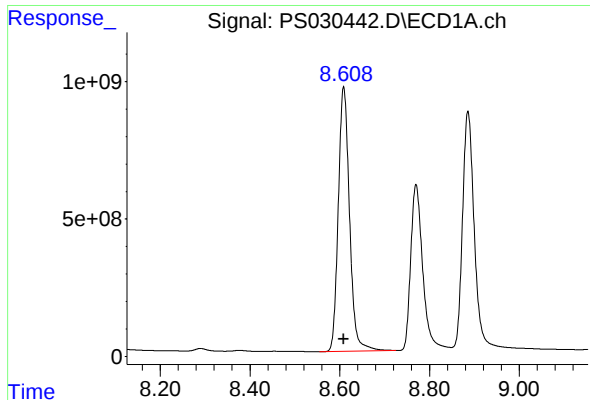
#10 Pentachlorophenol

R.T.: 8.053 min
Delta R.T.: -0.008 min
Response: 41628763593
Conc: 711.54 ng/ml



#10 Pentachlorophenol

R.T.: 8.962 min
Delta R.T.: -0.002 min
Response: 28048360941
Conc: 701.30 ng/ml



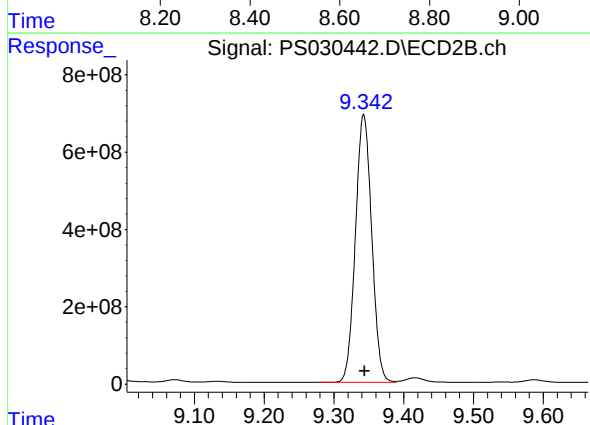
#11 2,4,5-TP (SILVEX)

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 16717311109
Conc: 679.10 ng/ml

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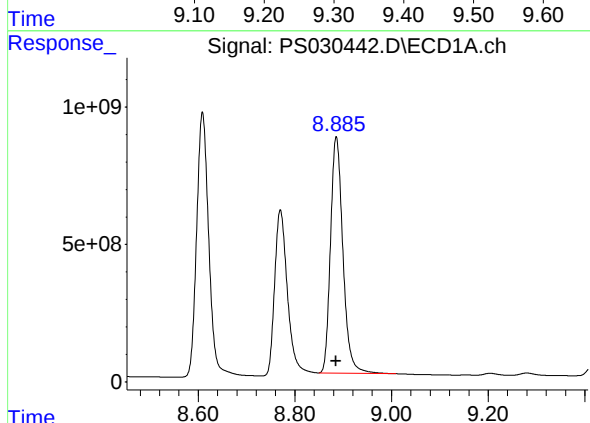
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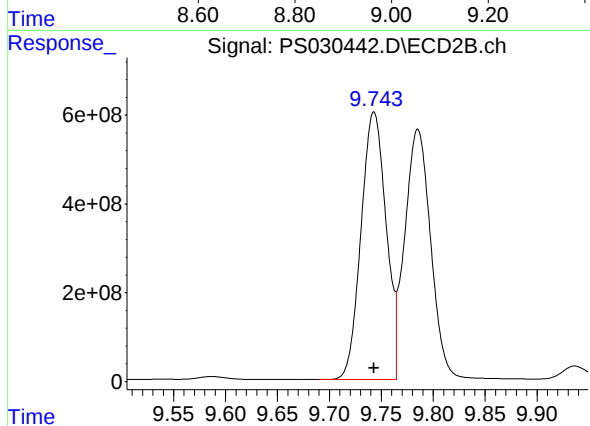
#11 2,4,5-TP (SILVEX)

R.T.: 9.343 min
Delta R.T.: -0.001 min
Response: 11234156089
Conc: 686.42 ng/ml



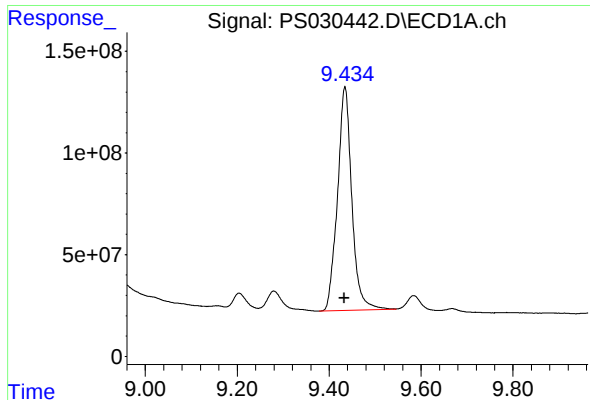
#12 2,4,5-T

R.T.: 8.886 min
Delta R.T.: 0.000 min
Response: 15289831497
Conc: 684.13 ng/ml



#12 2,4,5-T

R.T.: 9.743 min
Delta R.T.: 0.000 min
Response: 10122447808
Conc: 685.57 ng/ml



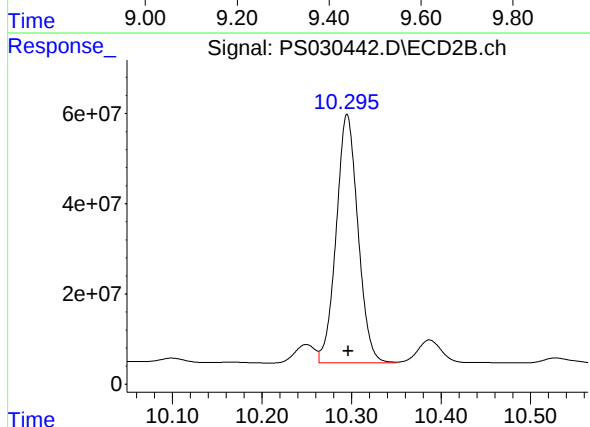
#13 2,4-DB

R.T.: 9.434 min
Delta R.T.: 0.001 min
Response: 2379613910
Conc: 679.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
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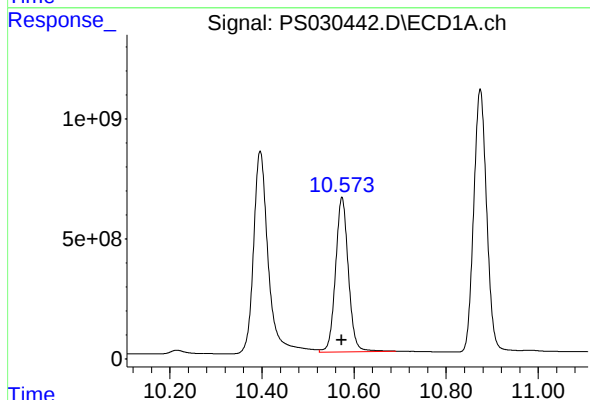
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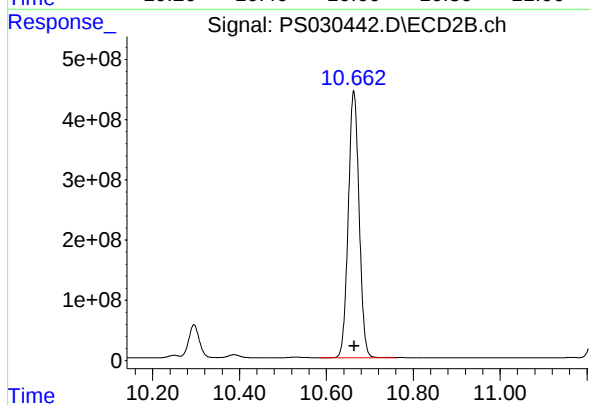
#13 2,4-DB

R.T.: 10.295 min
Delta R.T.: -0.001 min
Response: 929420565
Conc: 676.24 ng/ml



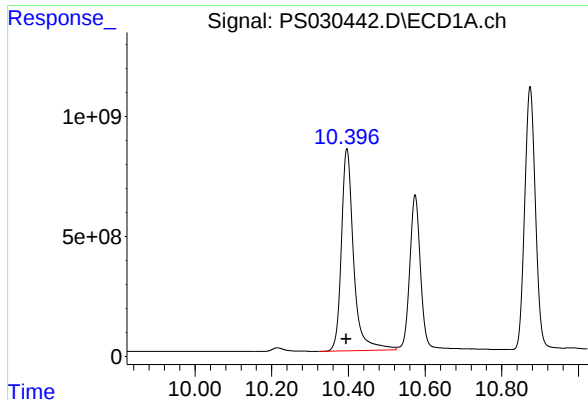
#14 DINOSEB

R.T.: 10.574 min
Delta R.T.: 0.000 min
Response: 12489407234
Conc: 669.79 ng/ml



#14 DINOSEB

R.T.: 10.663 min
Delta R.T.: -0.001 min
Response: 7672674801
Conc: 676.78 ng/ml



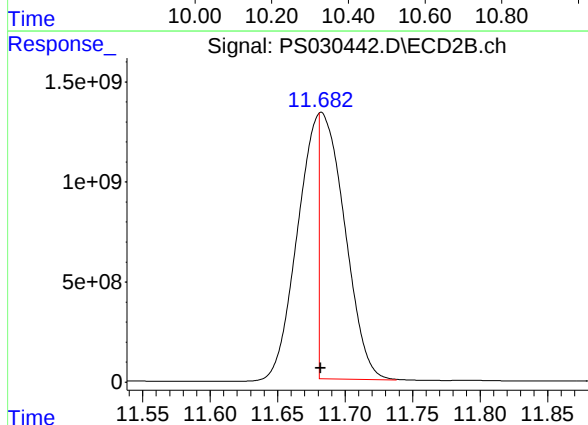
#15 Picloram

R.T.: 10.396 min
Delta R.T.: 0.002 min
Response: 18669266464
Conc: 679.08 ng/ml

Instrument :
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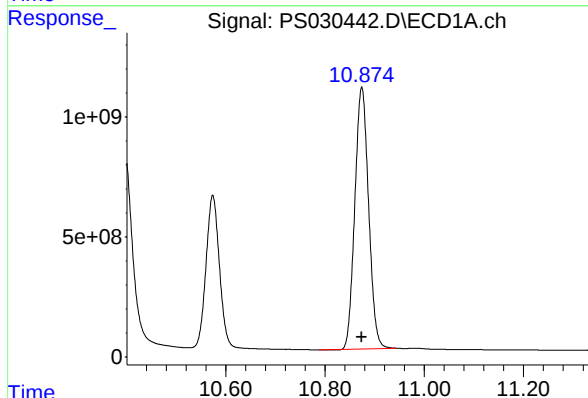
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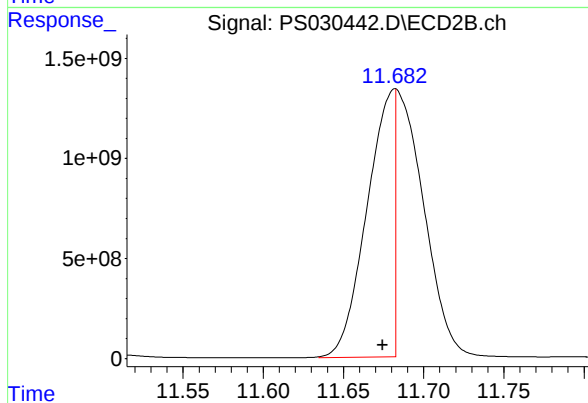
#15 Picloram

R.T.: 11.682 min
Delta R.T.: 0.000 min
Response: 17352987078
Conc: 693.72 ng/ml m



#16 DCPA

R.T.: 10.874 min
Delta R.T.: 0.000 min
Response: 20973907623
Conc: 683.48 ng/ml



#16 DCPA

R.T.: 11.682 min
Delta R.T.: 0.007 min
Response: 16578942460
Conc: 755.79 ng/ml m