

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS120125\
 Data File : PS032564.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2025 15:20
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/02/2025
 Supervised By : mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 01:05:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS110325.M
 Quant Title : 8080.M
 QLast Update : Tue Nov 04 04:59:50 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	7.272	7.609	3236.9E6	2608.8E6	714.350	715.631
Target Compounds							
1) T	Dalapon	2.653	2.599	4513.5E6	4308.1E6	628.730	619.519
2) T	3,5-DICHL...	6.439	6.576	4448.0E6	3891.2E6	687.889m	647.572
3) T	4-Nitroph...	7.087	7.171	924.2E6	1502.5E6	688.472	661.896
5) T	DICAMBA	7.455	7.801	12963.2E6	11570.7E6	687.113	669.894
6) T	MCPD	7.635	7.900	788.1E6	892.5E6	72.371m	67.098
7) T	MCPA	7.784	8.144	919.3E6	1098.2E6	68.470	67.353m
8) T	DICHLORPROP	8.162	8.512	2987.3E6	3100.3E6	671.490	650.069
9) T	2,4-D	8.397	8.852	2987.4E6	3399.2E6	662.138	648.010
10) T	Pentachlo...	8.696	9.350	46056.7E6	40115.1E6	734.099	683.360
11) T	2,4,5-TP ...	9.267	9.736	18280.7E6	17465.3E6	702.792	650.383
12) T	2,4,5-T	9.562	10.162	15107.9E6	15865.7E6	633.768	668.929
13) T	2,4-DB	10.138	10.727	1986.9E6	2443.8E6	754.002	647.980
14) T	DINOSEB	11.333	11.098	13684.1E6	11159.1E6	657.651	630.907
15) T	Picloram	11.162	12.210	16024.9E6	19684.0E6	754.983	529.395m#
16) T	DCPA	11.633	12.133	23325.3E6	20200.6E6	695.198	634.031m

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

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Acq On : 01 Dec 2025 15:20
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

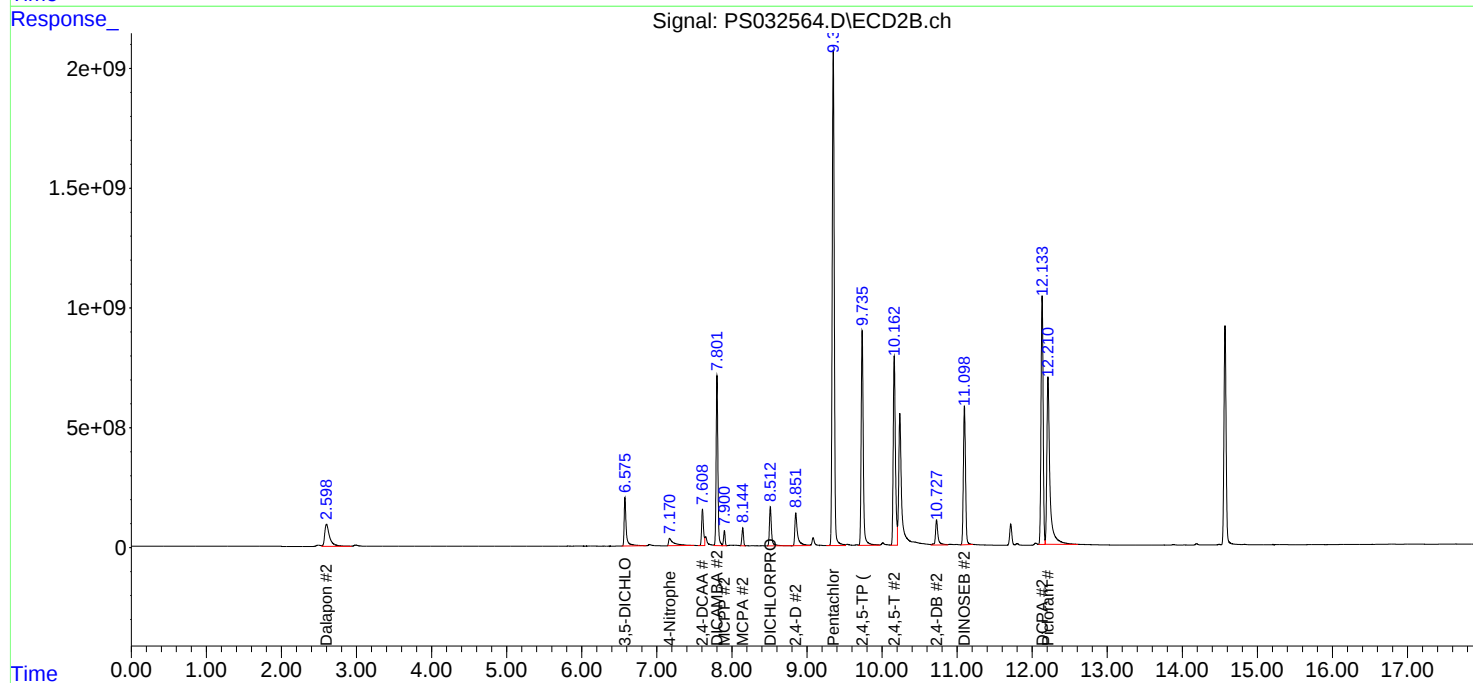
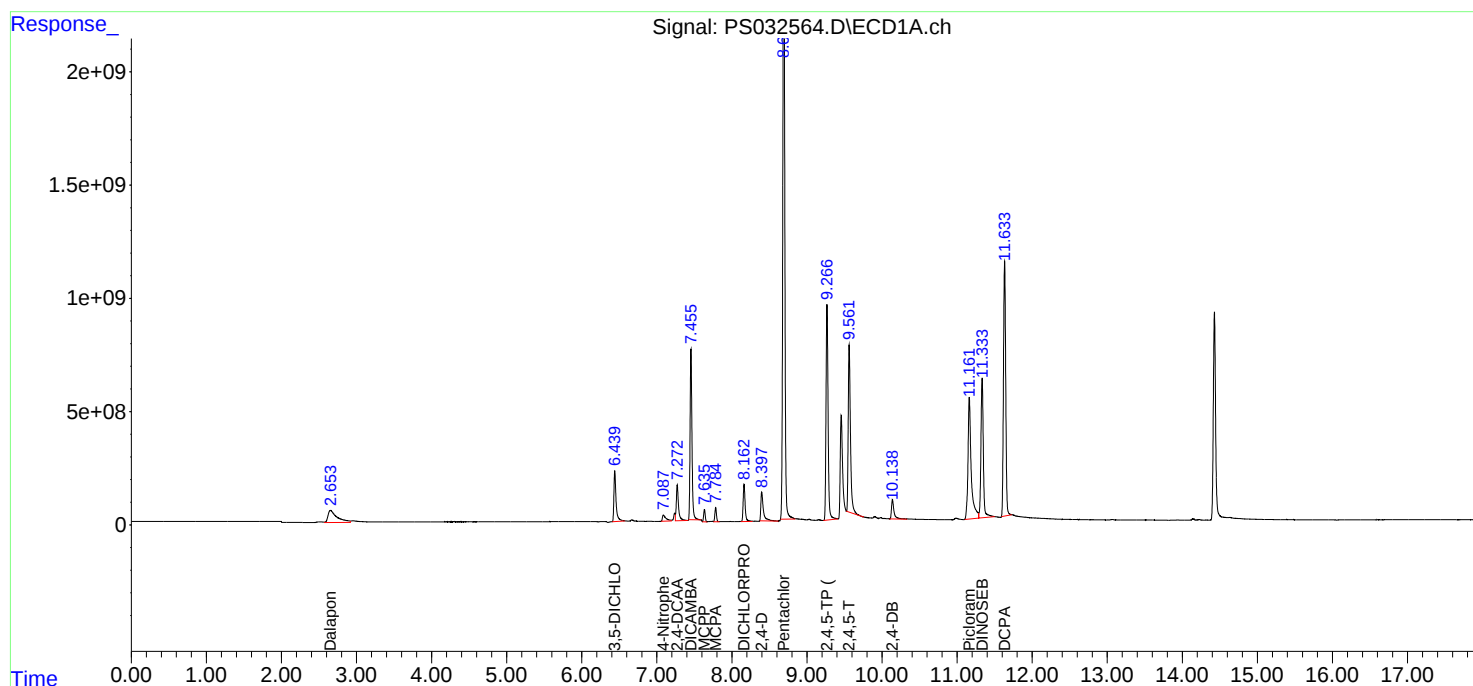
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

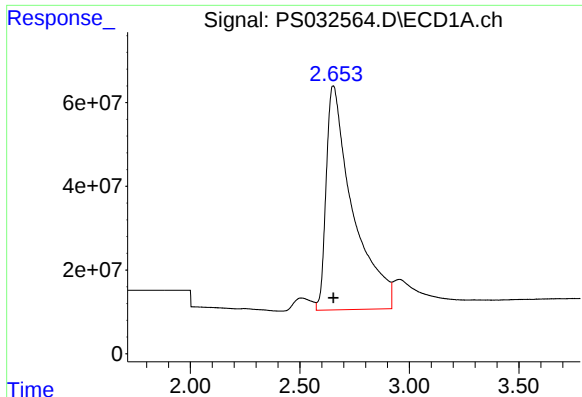
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Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
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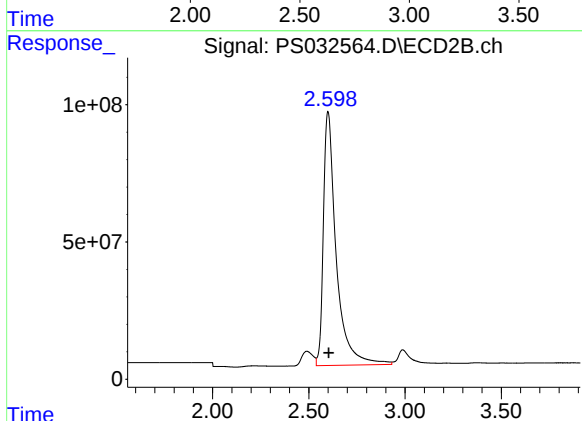
#1 Dalapon

R.T.: 2.653 min
Delta R.T.: 0.000 min
Response: 4513510888
Conc: 628.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

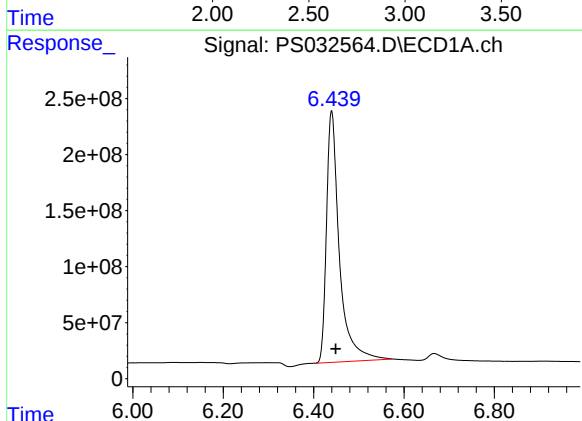
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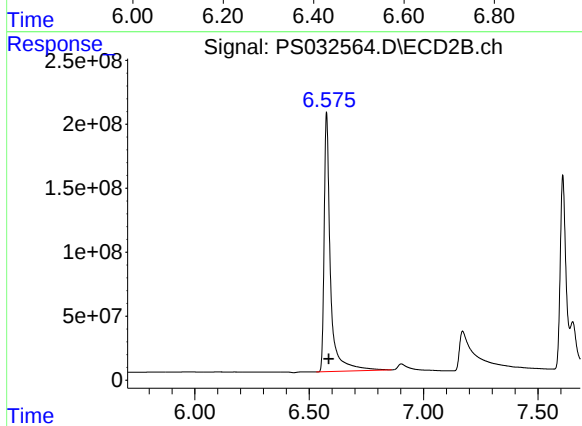
#1 Dalapon

R.T.: 2.599 min
Delta R.T.: -0.004 min
Response: 4308134856
Conc: 619.52 ng/ml



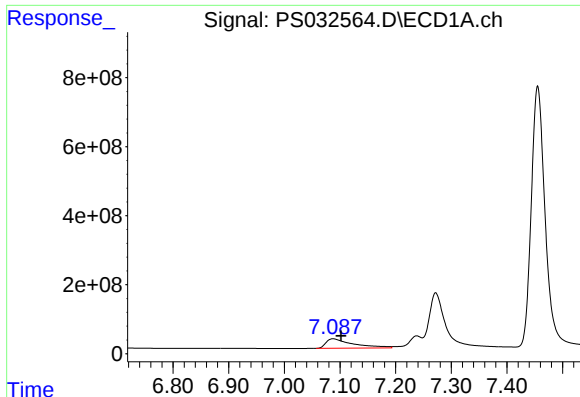
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.439 min
Delta R.T.: -0.010 min
Response: 4448033366
Conc: 687.89 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.576 min
Delta R.T.: -0.009 min
Response: 3891217519
Conc: 647.57 ng/ml



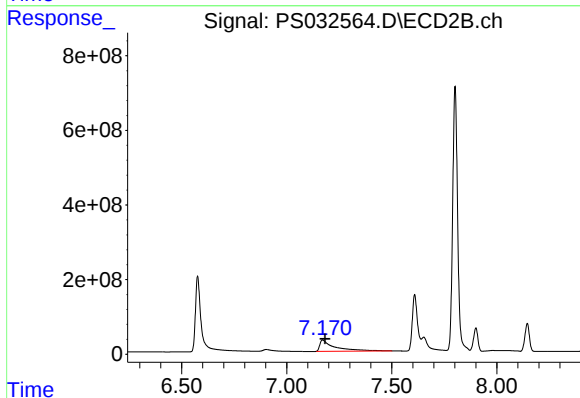
#3 4-Nitrophenol

R.T.: 7.087 min
Delta R.T.: -0.014 min
Response: 924244726
Conc: 688.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

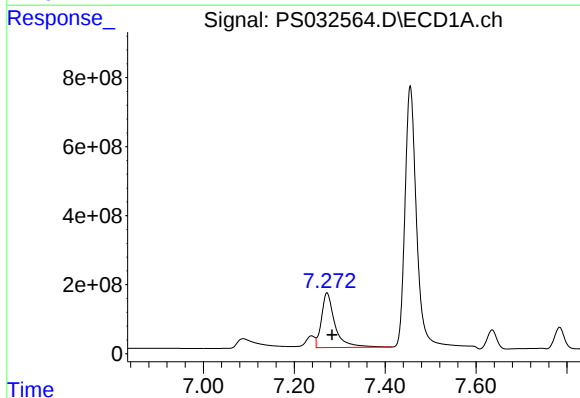
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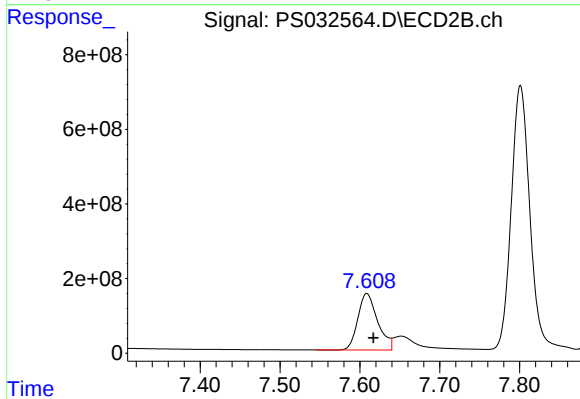
#3 4-Nitrophenol

R.T.: 7.171 min
Delta R.T.: -0.012 min
Response: 1502452835
Conc: 661.90 ng/ml



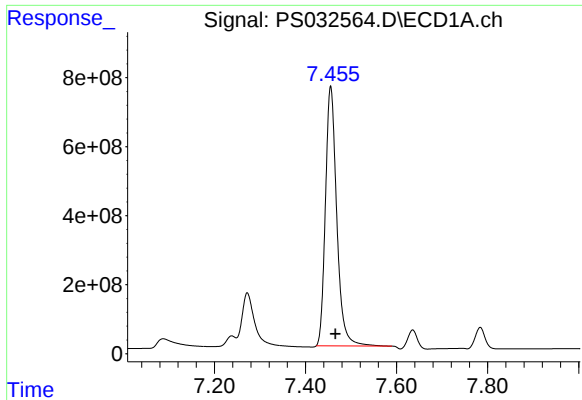
#4 2,4-DCAA

R.T.: 7.272 min
Delta R.T.: -0.011 min
Response: 3236917701
Conc: 714.35 ng/ml



#4 2,4-DCAA

R.T.: 7.609 min
Delta R.T.: -0.008 min
Response: 2608829070
Conc: 715.63 ng/ml



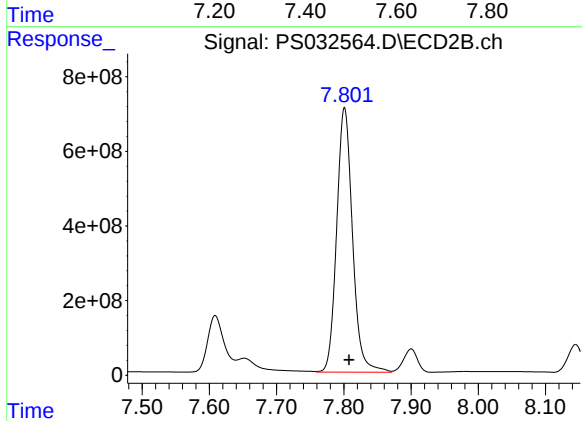
#5 DICAMBA

R.T.: 7.455 min
Delta R.T.: -0.010 min
Response: 12963179257
Conc: 687.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

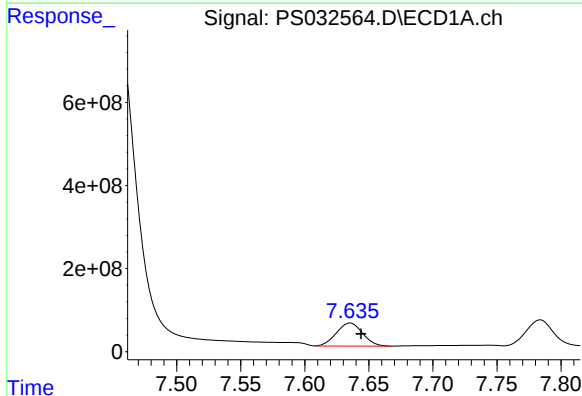
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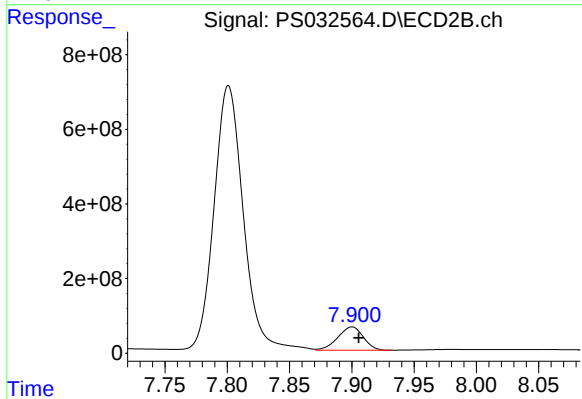
#5 DICAMBA

R.T.: 7.801 min
Delta R.T.: -0.007 min
Response: 11570709266
Conc: 669.89 ng/ml



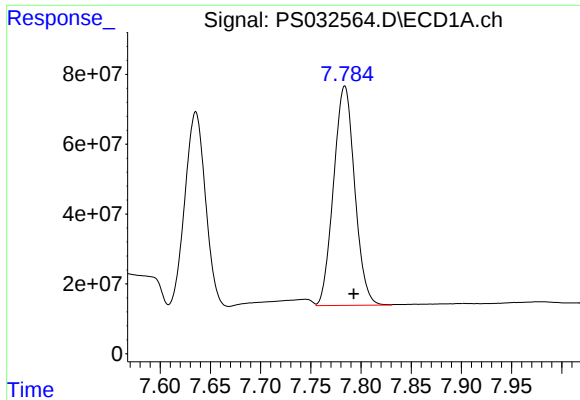
#6 MCP

R.T.: 7.635 min
Delta R.T.: -0.009 min
Response: 788126855
Conc: 72.37 ug/ml m



#6 MCP

R.T.: 7.900 min
Delta R.T.: -0.005 min
Response: 892469530
Conc: 67.10 ug/ml



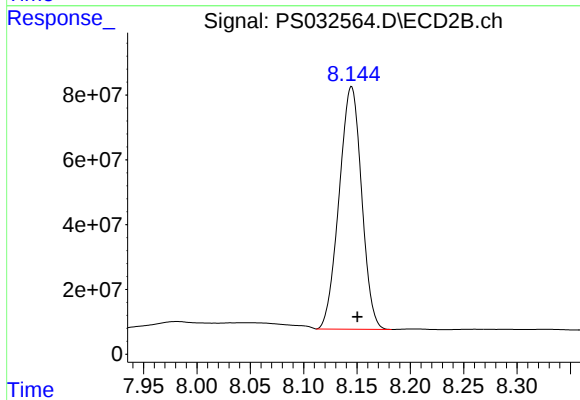
#7 MCPA

R.T.: 7.784 min
Delta R.T.: -0.009 min
Response: 919263404
Conc: 68.47 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

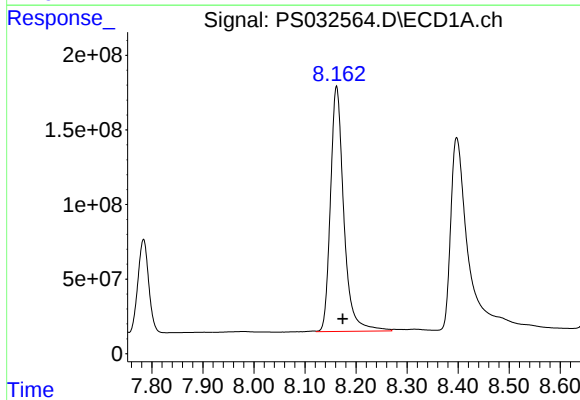
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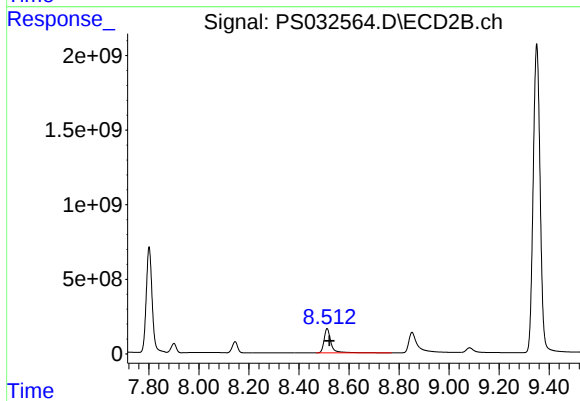
#7 MCPA

R.T.: 8.144 min
Delta R.T.: -0.006 min
Response: 1098152814
Conc: 67.35 ug/ml m



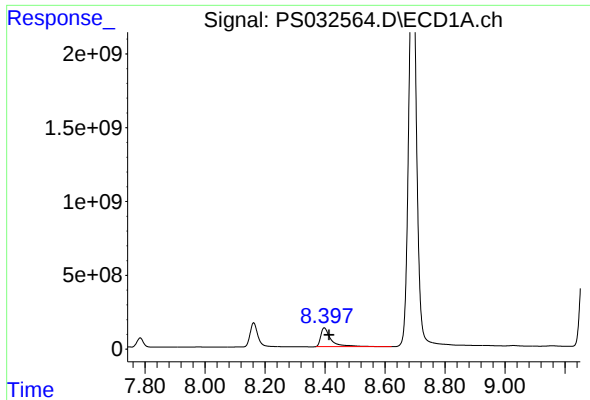
#8 DICHLORPROP

R.T.: 8.162 min
Delta R.T.: -0.012 min
Response: 2987295085
Conc: 671.49 ng/ml



#8 DICHLORPROP

R.T.: 8.512 min
Delta R.T.: -0.009 min
Response: 3100269713
Conc: 650.07 ng/ml



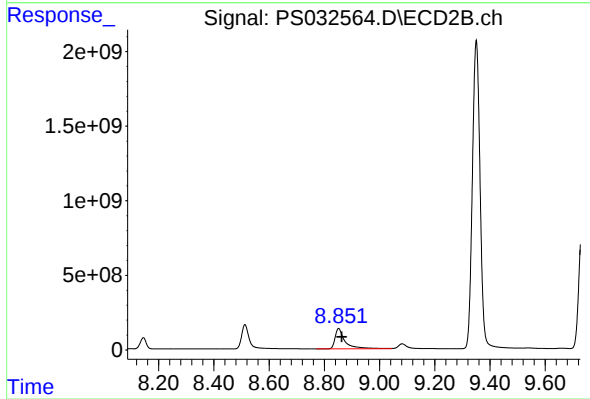
#9 2,4-D

R.T.: 8.397 min
Delta R.T.: -0.016 min
Response: 2987442057
Conc: 662.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

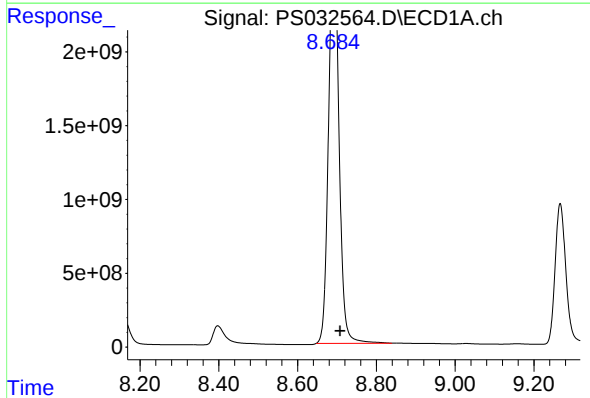
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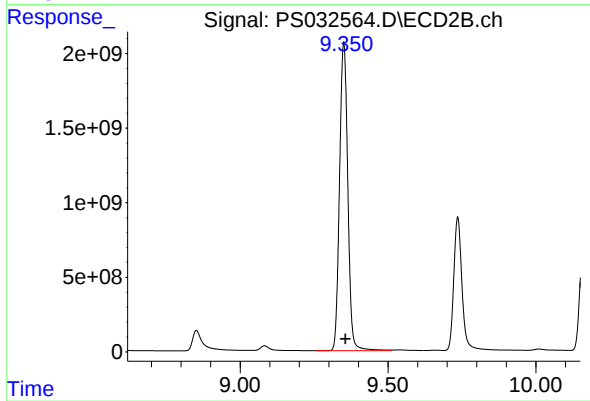
#9 2,4-D

R.T.: 8.852 min
Delta R.T.: -0.012 min
Response: 3399241166
Conc: 648.01 ng/ml



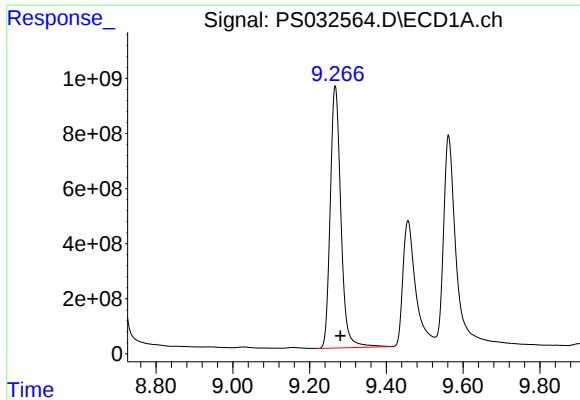
#10 Pentachlorophenol

R.T.: 8.696 min
Delta R.T.: -0.012 min
Response: 46056706624
Conc: 734.10 ng/ml



#10 Pentachlorophenol

R.T.: 9.350 min
Delta R.T.: -0.006 min
Response: 40115058142
Conc: 683.36 ng/ml



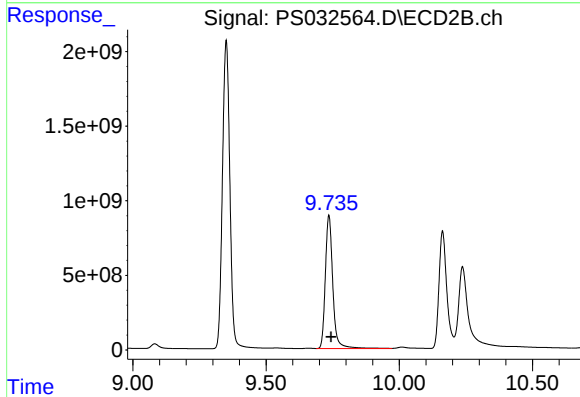
#11 2,4,5-TP (SILVEX)

R.T.: 9.267 min
Delta R.T.: -0.014 min
Response: 18280706393
Conc: 702.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

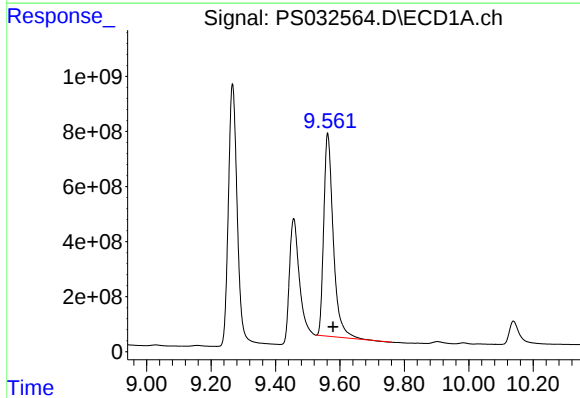
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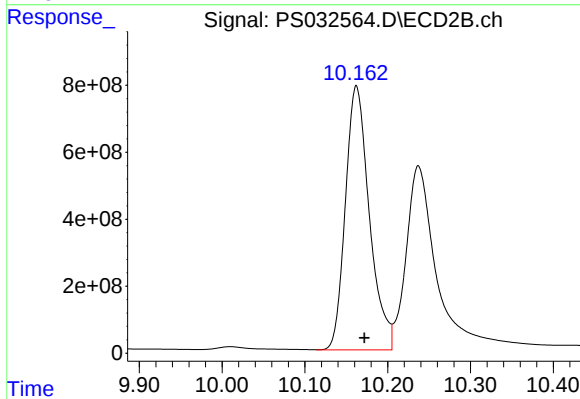
#11 2,4,5-TP (SILVEX)

R.T.: 9.736 min
Delta R.T.: -0.008 min
Response: 17465324693
Conc: 650.38 ng/ml



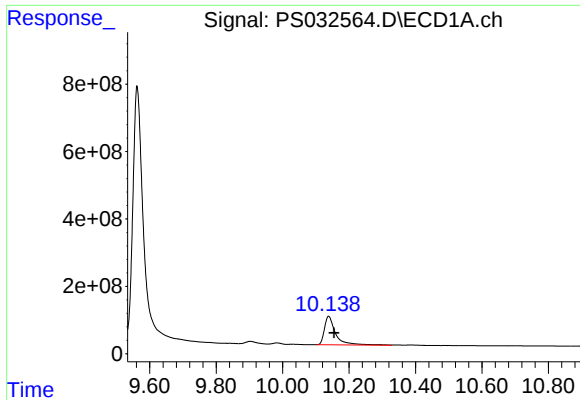
#12 2,4,5-T

R.T.: 9.562 min
Delta R.T.: -0.017 min
Response: 15107904231
Conc: 633.77 ng/ml



#12 2,4,5-T

R.T.: 10.162 min
Delta R.T.: -0.009 min
Response: 15865681529
Conc: 668.93 ng/ml



#13 2,4-DB

R.T.: 10.138 min
Delta R.T.: -0.017 min
Response: 1986882029
Conc: 754.00 ng/ml

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

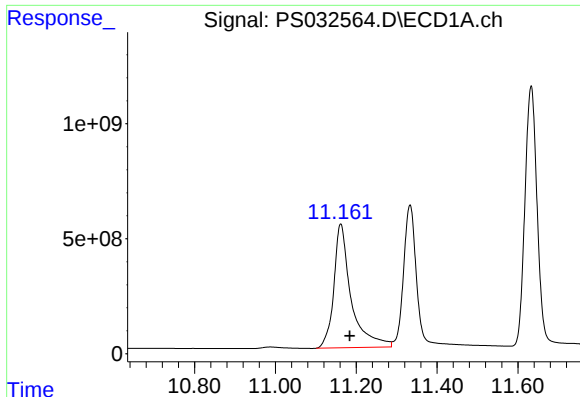
R.T.: 10.727 min
Delta R.T.: -0.010 min
Response: 2443752883
Conc: 647.98 ng/ml

#14 DINOSEB

R.T.: 11.333 min
Delta R.T.: -0.012 min
Response: 13684120166
Conc: 657.65 ng/ml

#14 DINOSEB

R.T.: 11.098 min
Delta R.T.: -0.007 min
Response: 11159091373
Conc: 630.91 ng/ml



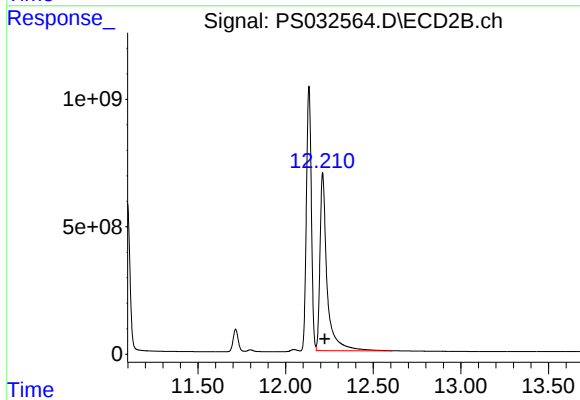
#15 Picloram

R.T.: 11.162 min
Delta R.T.: -0.022 min
Response: 16024934949
Conc: 754.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

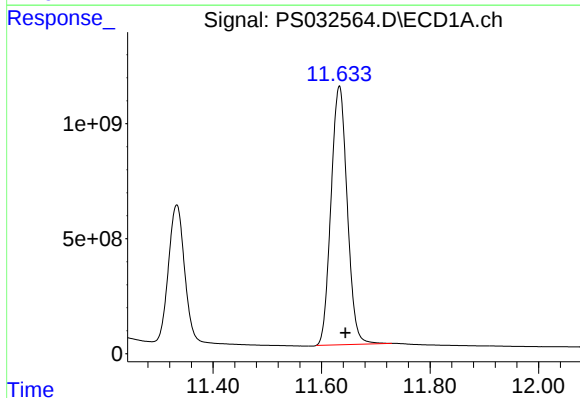
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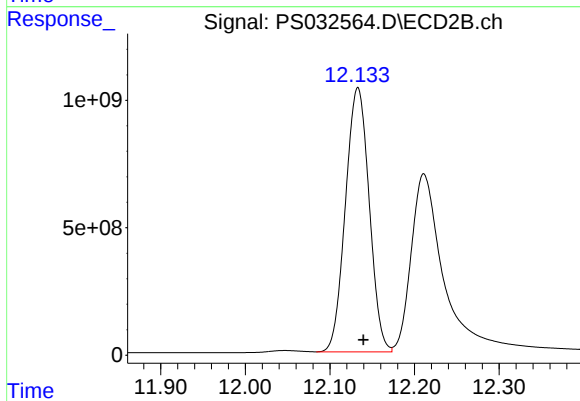
#15 Picloram

R.T.: 12.210 min
Delta R.T.: -0.013 min
Response: 19684015374
Conc: 529.40 ng/ml m



#16 DCPA

R.T.: 11.633 min
Delta R.T.: -0.011 min
Response: 23325335439
Conc: 695.20 ng/ml



#16 DCPA

R.T.: 12.133 min
Delta R.T.: -0.007 min
Response: 20200580469
Conc: 634.03 ng/ml m