

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091925\
 Data File : PS031779.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2025 12:19
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/22/2025
 Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 00:36:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.285	7.744	2851.1E6	693.3E6	791.645	762.792
Target Compounds							
1) T	Dalapon	2.673	2.693	3931.0E6	1936.4E6	680.024	687.234
2) T	3,5-DICHL...	6.452	6.695	3915.7E6	1066.3E6	734.181	699.251m
3) T	4-Nitroph...	7.095	7.295	894.0E6	837.1E6	810.349	662.868
5) T	DICAMBA	7.469	7.940	11717.8E6	4779.8E6	751.302	734.582
6) T	MCPD	7.647	8.037	694.6E6	149.3E6	77.698	79.279
7) T	MCPA	7.796	8.284	841.5E6	209.3E6	75.735	74.723
8) T	DICHLORPROP	8.177	8.659	2617.2E6	1086.4E6	734.813	746.609
9) T	2,4-D	8.413	9.000	2590.9E6	1186.4E6	756.337m	721.179
10) T	Pentachlo...	8.709	9.509	42453.5E6	30315.7E6	799.595	763.803
11) T	2,4,5-TP ...	9.284	9.892	15975.4E6	11059.7E6	761.688	734.653
12) T	2,4,5-T	9.581	10.322	14723.4E6	9880.8E6	804.638	734.247
13) T	2,4-DB	10.157	10.889	1774.5E6	711.6E6	760.670m	665.054m
14) T	DINOSEB	11.353	11.266	11718.6E6	7903.7E6	812.510	813.078
15) T	Picloram	11.182	12.385	14944.1E6	17763.6E6	829.715	750.049
16) T	DCPA	11.653	12.307	20911.2E6	17837.7E6	775.927	740.029

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

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Sample : HSTDCCC750
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ALS Vial : 3 Sample Multiplier: 1

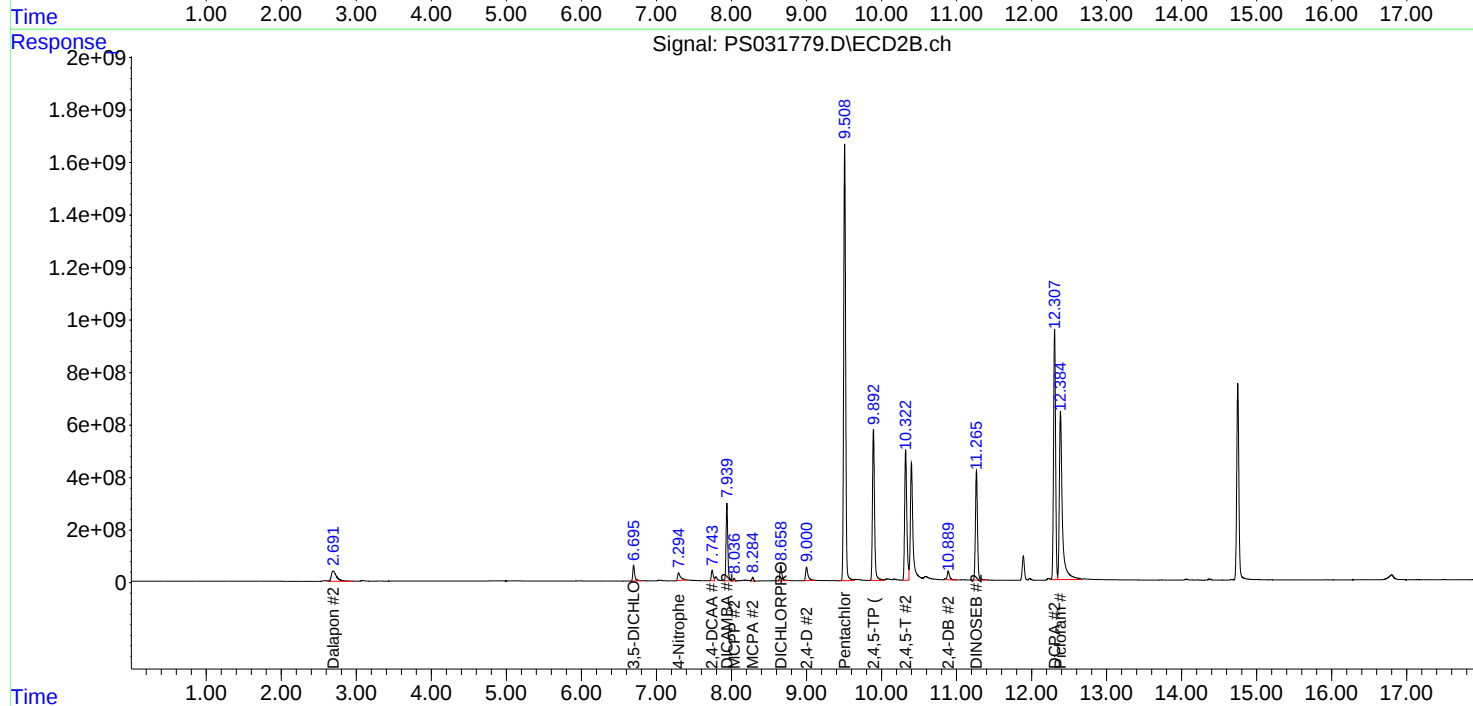
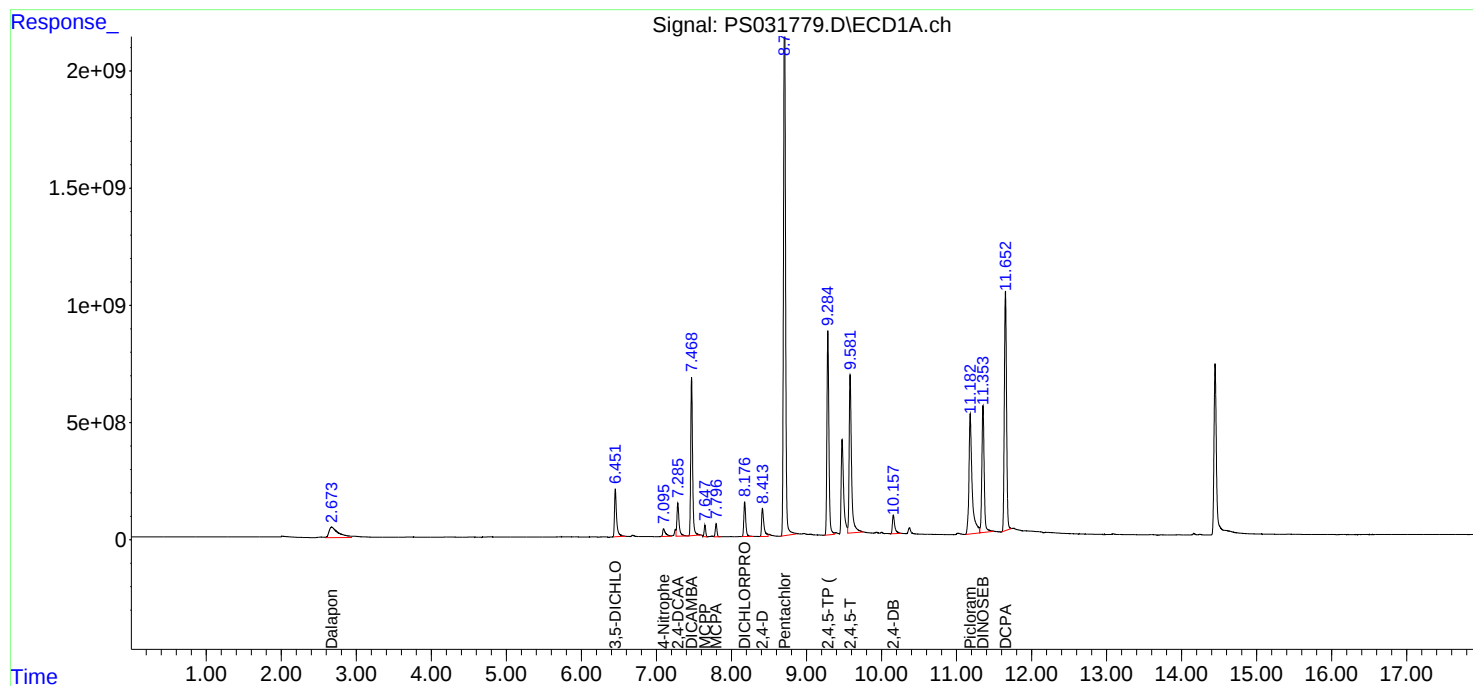
Instrument :
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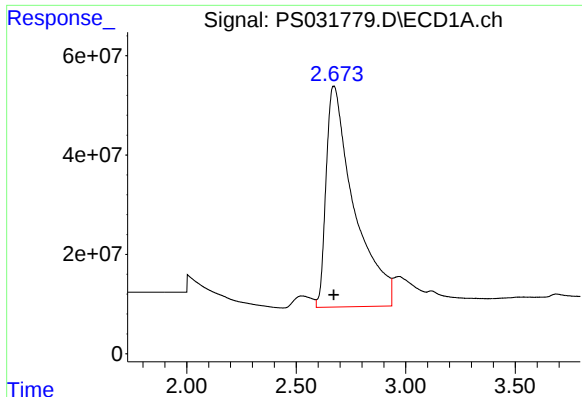
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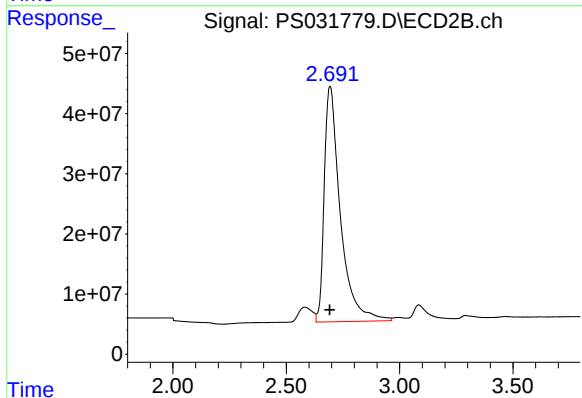
#1 Dalapon

R.T.: 2.673 min
Delta R.T.: 0.002 min
Response: 3931045371
Conc: 680.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

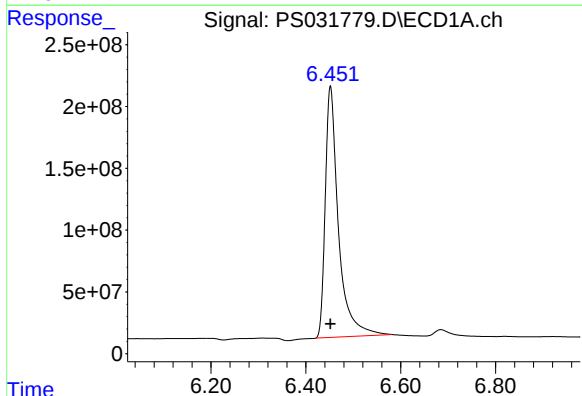
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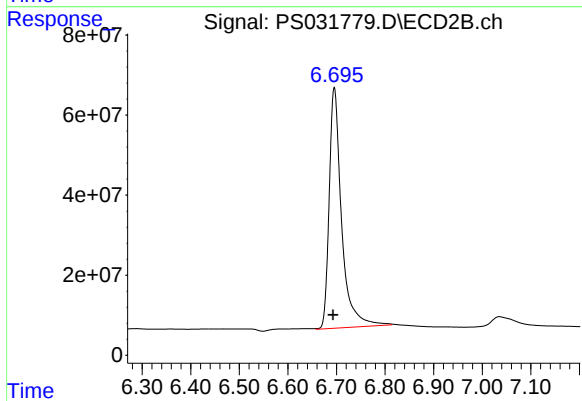
#1 Dalapon

R.T.: 2.693 min
Delta R.T.: 0.000 min
Response: 1936369491
Conc: 687.23 ng/ml



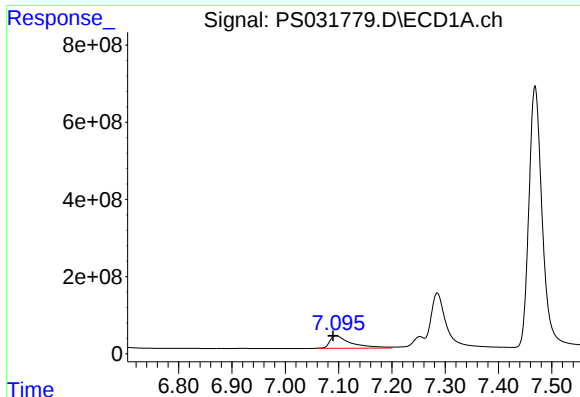
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 3915653955
Conc: 734.18 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.695 min
Delta R.T.: 0.002 min
Response: 1066333587
Conc: 699.25 ng/ml m



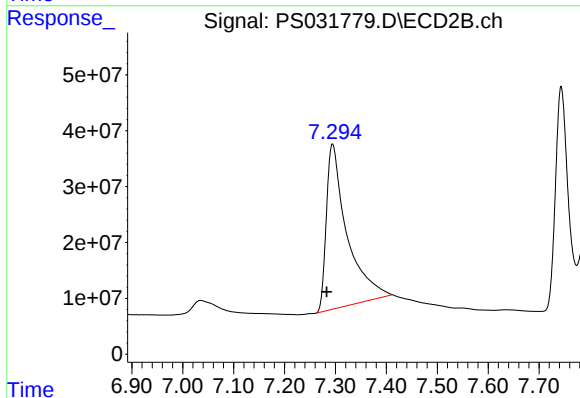
#3 4-Nitrophenol

R.T.: 7.095 min
Delta R.T.: 0.006 min
Response: 893984327
Conc: 810.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

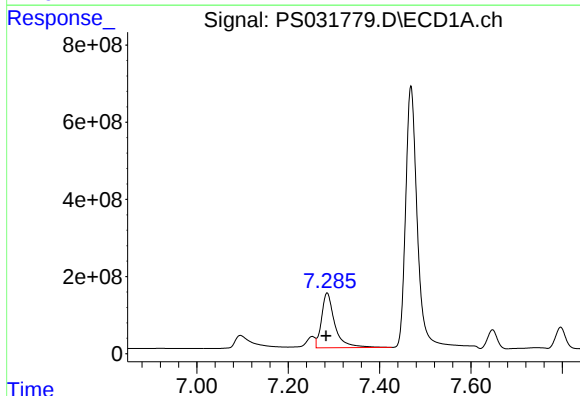
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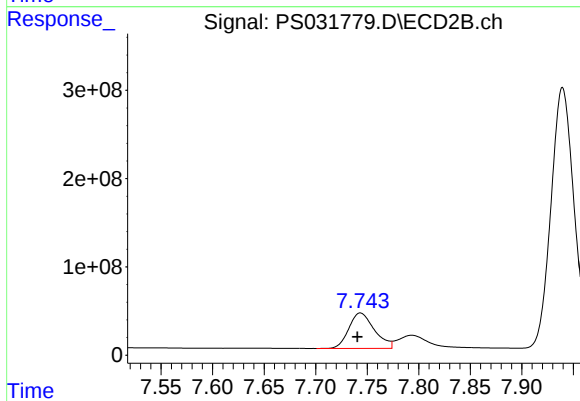
#3 4-Nitrophenol

R.T.: 7.295 min
Delta R.T.: 0.012 min
Response: 837060756
Conc: 662.87 ng/ml



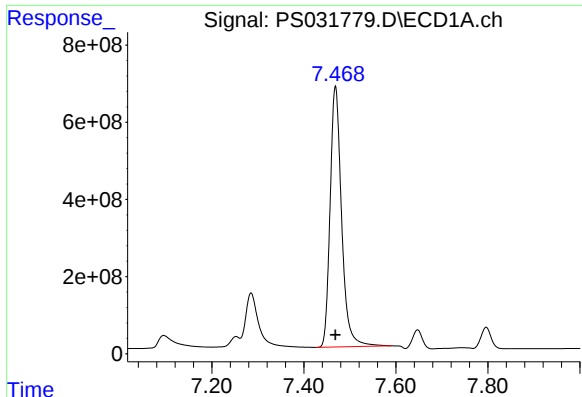
#4 2,4-DCAA

R.T.: 7.285 min
Delta R.T.: 0.002 min
Response: 2851132274
Conc: 791.65 ng/ml



#4 2,4-DCAA

R.T.: 7.744 min
Delta R.T.: 0.003 min
Response: 693300992
Conc: 762.79 ng/ml



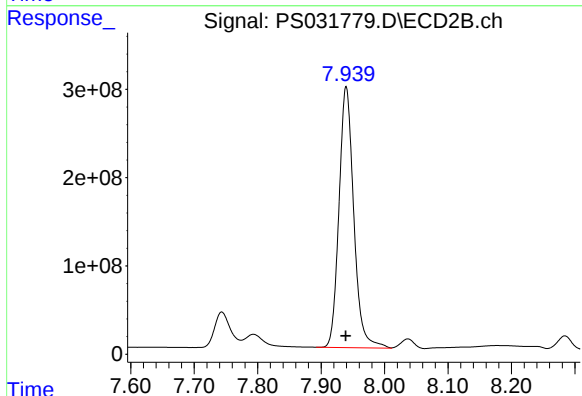
#5 DICAMBA

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 11717840690
Conc: 751.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

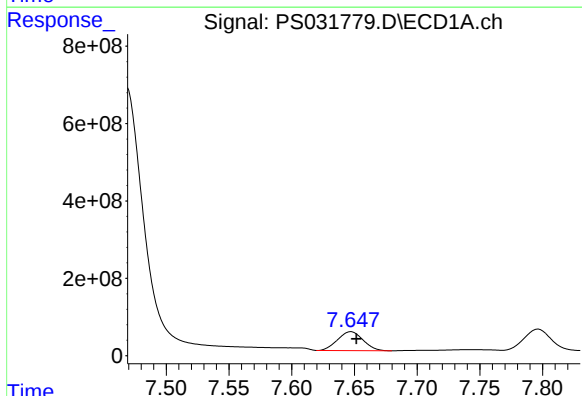
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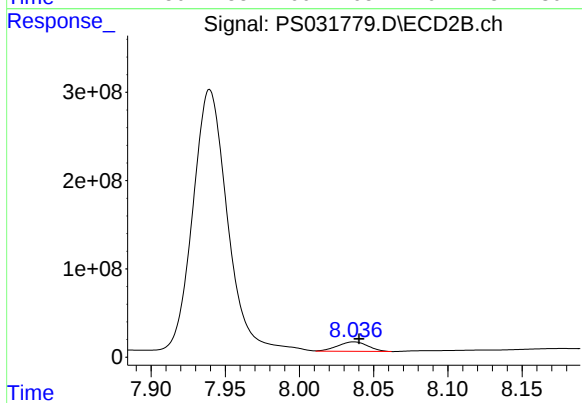
#5 DICAMBA

R.T.: 7.940 min
Delta R.T.: 0.000 min
Response: 4779814227
Conc: 734.58 ng/ml



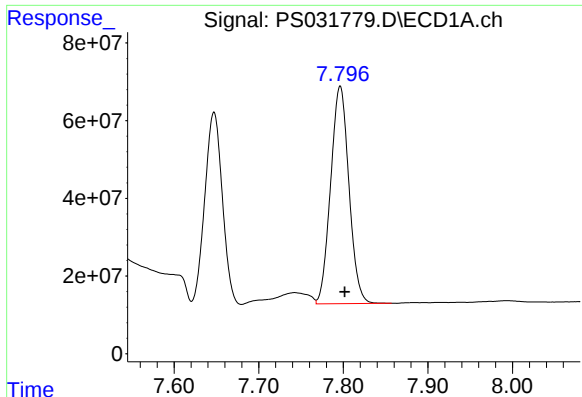
#6 MCP

R.T.: 7.647 min
Delta R.T.: -0.004 min
Response: 694561691
Conc: 77.70 ug/ml



#6 MCP

R.T.: 8.037 min
Delta R.T.: -0.004 min
Response: 149315369
Conc: 79.28 ug/ml



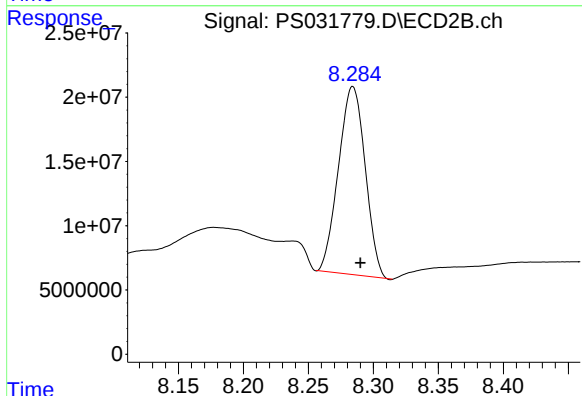
#7 MCPA

R.T.: 7.796 min
Delta R.T.: -0.005 min
Response: 841452951
Conc: 75.74 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

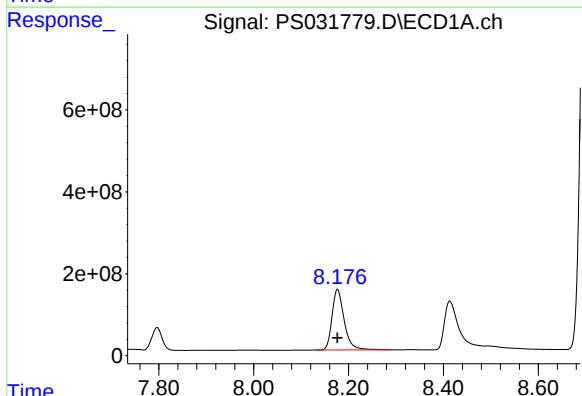
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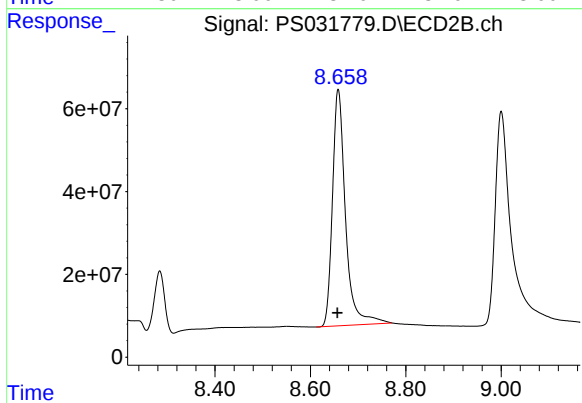
#7 MCPA

R.T.: 8.284 min
Delta R.T.: -0.006 min
Response: 209316226
Conc: 74.72 ug/ml



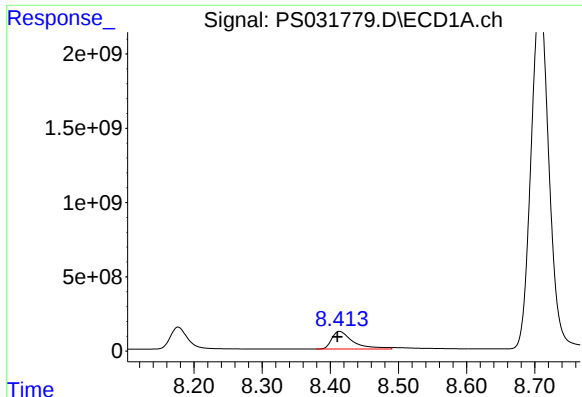
#8 DICHLORPROP

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 2617230176
Conc: 734.81 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min
Delta R.T.: 0.002 min
Response: 1086361050
Conc: 746.61 ng/ml



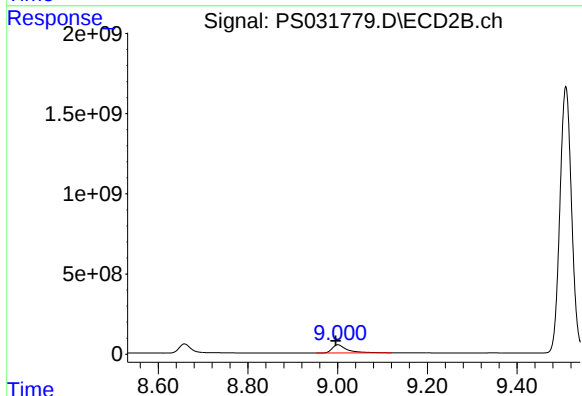
#9 2,4-D

R.T.: 8.413 min
Delta R.T.: 0.002 min
Response: 2590940196
Conc: 756.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

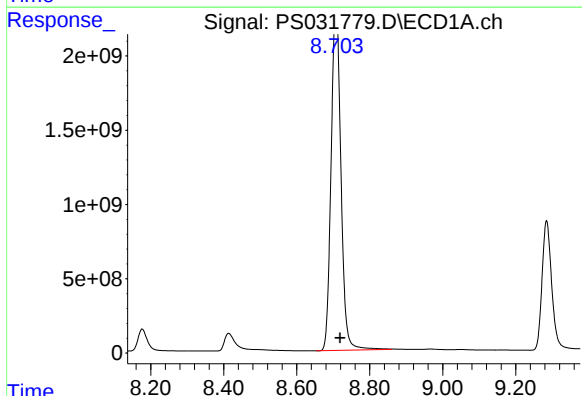
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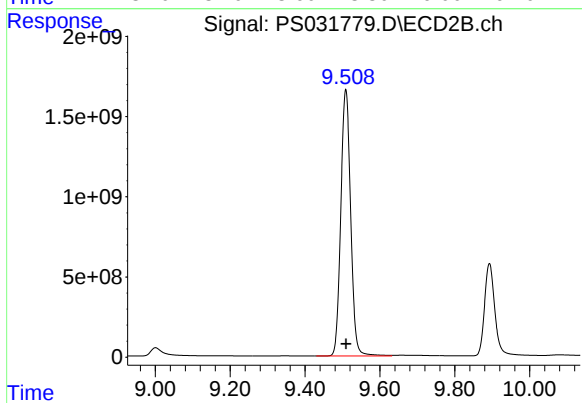
#9 2,4-D

R.T.: 9.000 min
Delta R.T.: 0.005 min
Response: 1186419397
Conc: 721.18 ng/ml



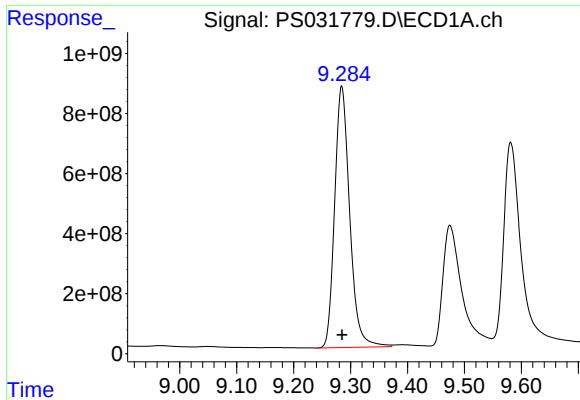
#10 Pentachlorophenol

R.T.: 8.709 min
Delta R.T.: -0.010 min
Response: 42453545776
Conc: 799.59 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: 0.000 min
Response: 30315735876
Conc: 763.80 ng/ml



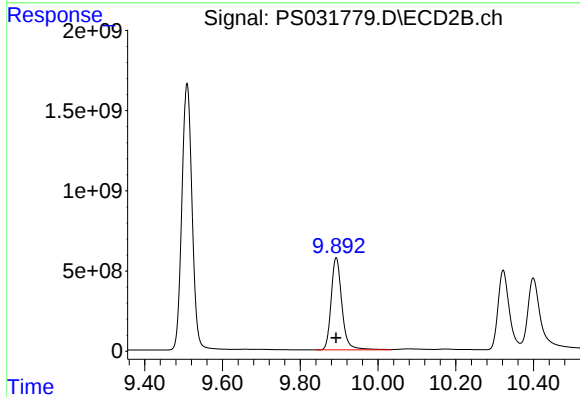
#11 2,4,5-TP (SILVEX)

R.T.: 9.284 min
Delta R.T.: 0.000 min
Response: 15975400618
Conc: 761.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

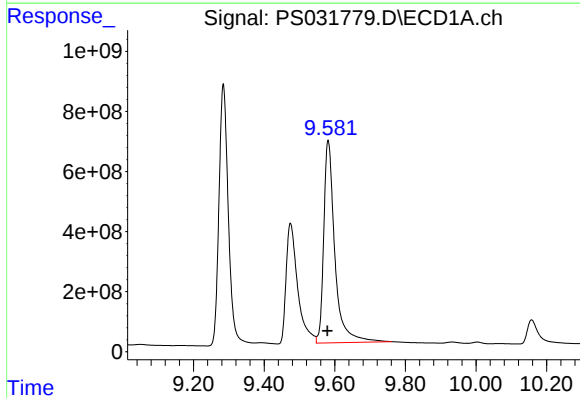
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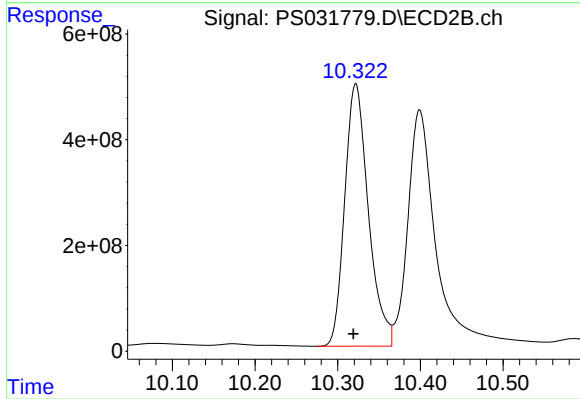
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: 0.000 min
Response: 11059698912
Conc: 734.65 ng/ml



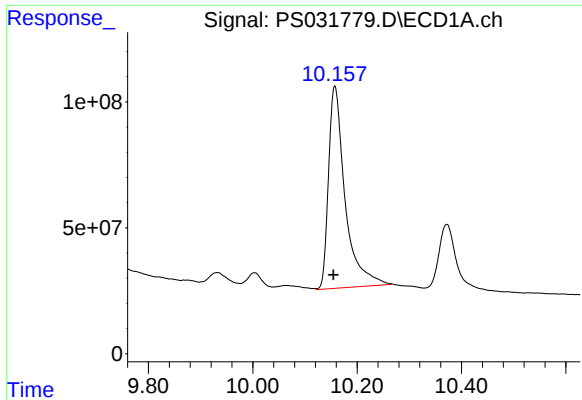
#12 2,4,5-T

R.T.: 9.581 min
Delta R.T.: 0.002 min
Response: 14723399573
Conc: 804.64 ng/ml



#12 2,4,5-T

R.T.: 10.322 min
Delta R.T.: 0.003 min
Response: 9880778163
Conc: 734.25 ng/ml



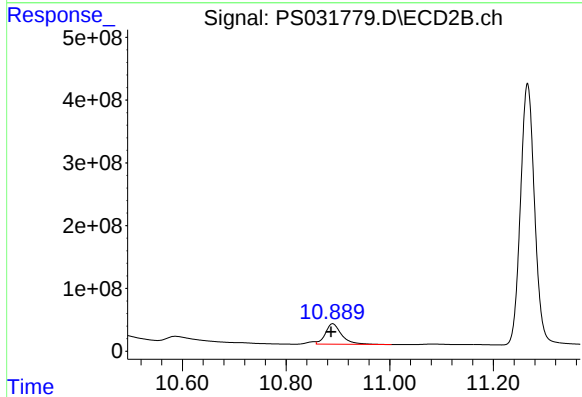
#13 2,4-DB

R.T.: 10.157 min
Delta R.T.: 0.003 min
Response: 1774464929
Conc: 760.67 ng/ml

Instrument :
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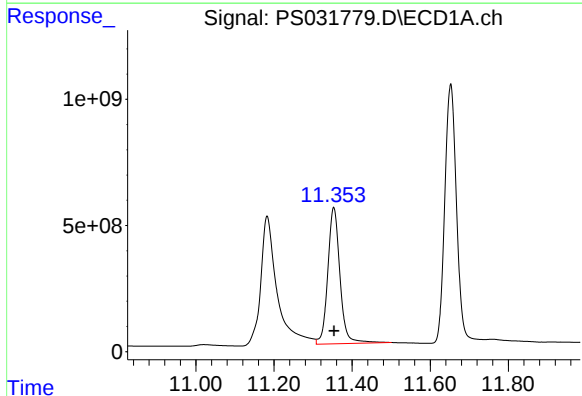
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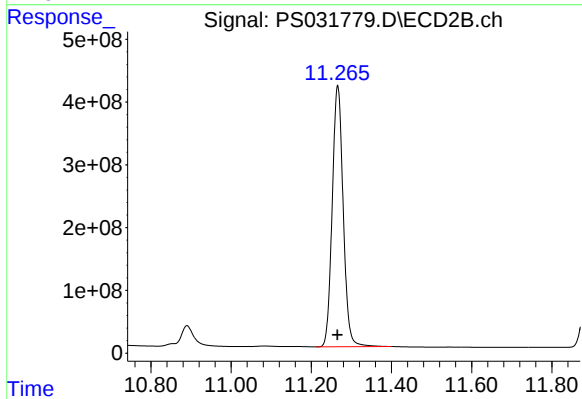
#13 2,4-DB

R.T.: 10.889 min
Delta R.T.: 0.003 min
Response: 711637912
Conc: 665.05 ng/ml m



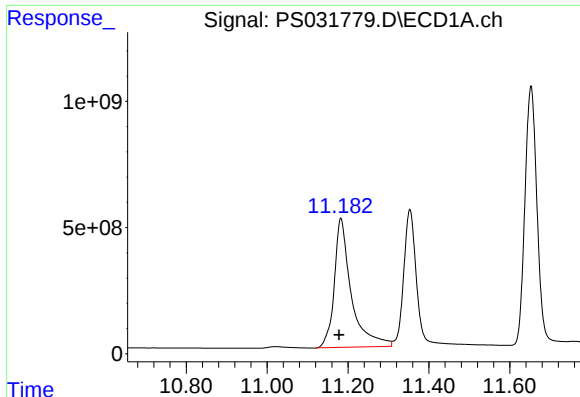
#14 DINOSEB

R.T.: 11.353 min
Delta R.T.: -0.001 min
Response: 11718575013
Conc: 812.51 ng/ml



#14 DINOSEB

R.T.: 11.266 min
Delta R.T.: 0.000 min
Response: 7903676423
Conc: 813.08 ng/ml



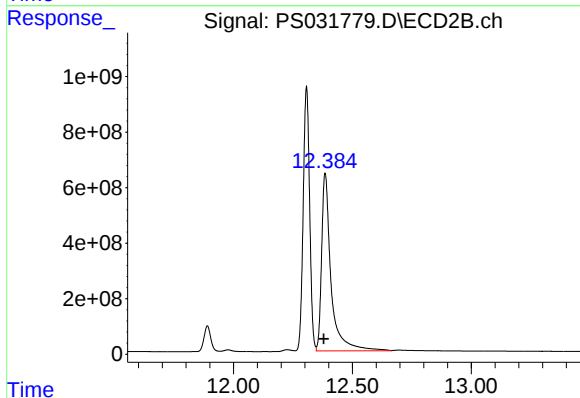
#15 Picloram

R.T.: 11.182 min
Delta R.T.: 0.005 min
Response: 14944065726
Conc: 829.72 ng/ml

Instrument :
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ClientSampleId :
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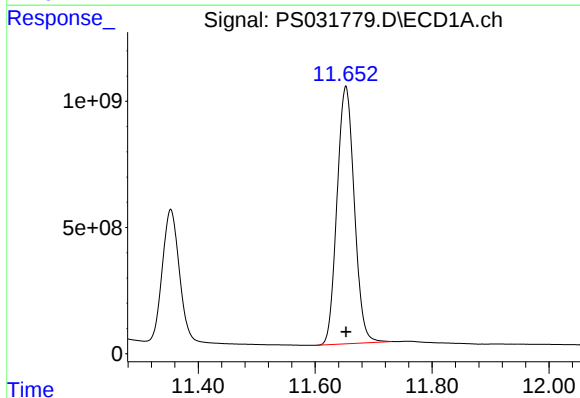
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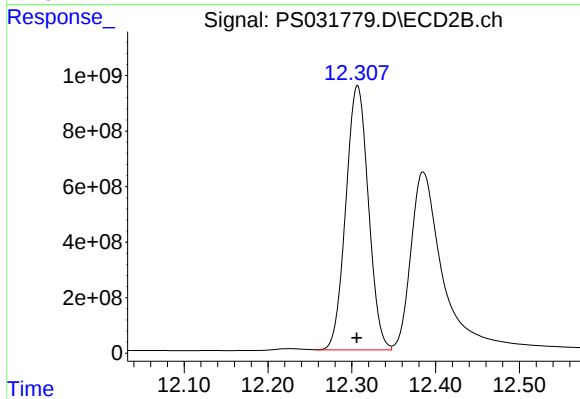
#15 Picloram

R.T.: 12.385 min
Delta R.T.: 0.006 min
Response: 17763589085
Conc: 750.05 ng/ml



#16 DCPA

R.T.: 11.653 min
Delta R.T.: 0.000 min
Response: 20911155681
Conc: 775.93 ng/ml



#16 DCPA

R.T.: 12.307 min
Delta R.T.: 0.000 min
Response: 17837739002
Conc: 740.03 ng/ml