

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS082525\
 Data File : PS031538.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Aug 2025 21:51
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/26/2025
 Supervised By :mohammad ahmed 08/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 26 03:04:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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	7.287	7.743	2312.6E6	566.7E6	728.625	670.404
Target Compounds							
1) T	Dalapon	2.673	2.693	3103.5E6	1526.1E6	591.266	573.510
2) T	3,5-DICHL...	6.454	6.695	3237.3E6	894.3E6	686.111	661.472
3) T	4-Nitroph...	7.093	7.290	804.2E6	738.3E6	779.490m	587.400
5) T	DICAMBA	7.472	7.939	9455.2E6	3674.8E6	676.995	646.671
6) T	MCPD	7.651	8.036	511.3E6	103.9E6	63.555	58.759
7) T	MCPA	7.799	8.284	686.4E6	166.4E6	68.911	59.295
8) T	DICHLORPROP	8.180	8.659	2173.8E6	868.0E6	685.211	650.158
9) T	2,4-D	8.415	8.999	2172.2E6	877.2E6	755.076	614.601
10) T	Pentachlo...	8.712	9.510	36564.5E6	24520.4E6	761.564	704.036
11) T	2,4,5-TP ...	9.289	9.894	13158.4E6	8785.8E6	734.133	669.850
12) T	2,4,5-T	9.585	10.323	11627.4E6	7957.0E6	793.616	672.056
13) T	2,4-DB	10.160	10.891	1524.2E6	602.8E6	793.160m	624.736
14) T	DINOSEB	11.361	11.268	9330.9E6	6309.7E6	735.962	667.206
15) T	Picloram	11.186	12.387	11095.7E6	12192.8E6	849.977m	695.551
16) T	DCPA	11.658	12.309	17484.3E6	14367.2E6	767.551m	729.285m

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

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Acq On : 25 Aug 2025 21:51
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Sample : HSTDCCC750
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ALS Vial : 3 Sample Multiplier: 1

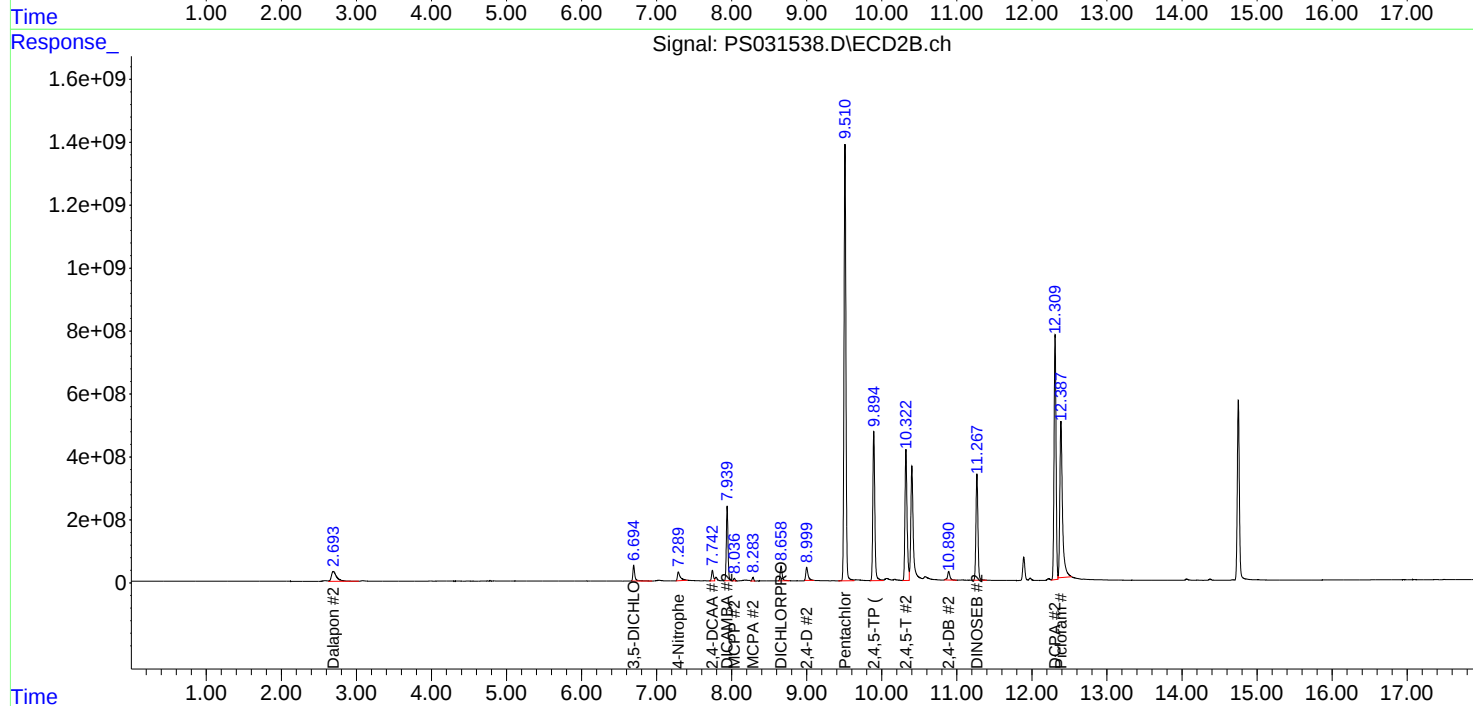
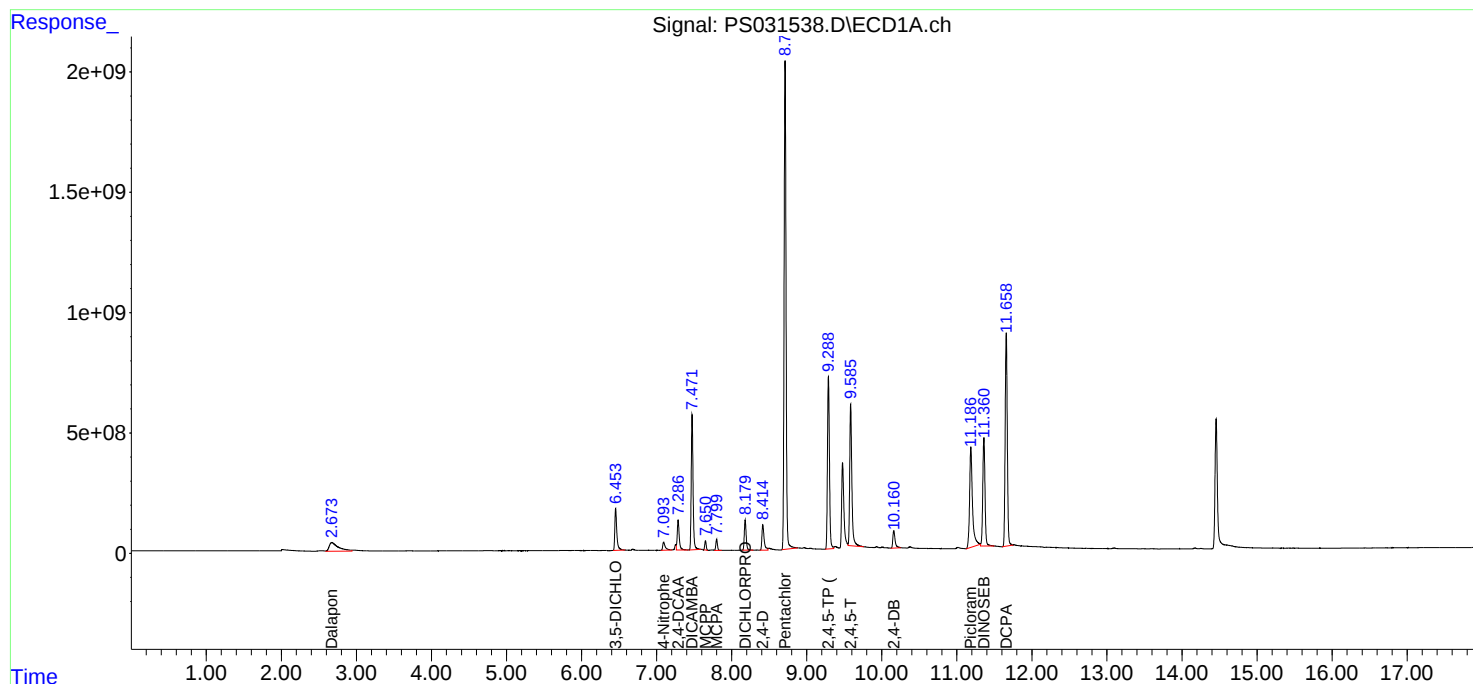
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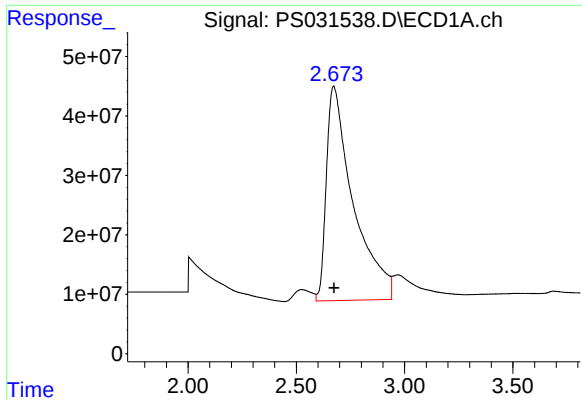
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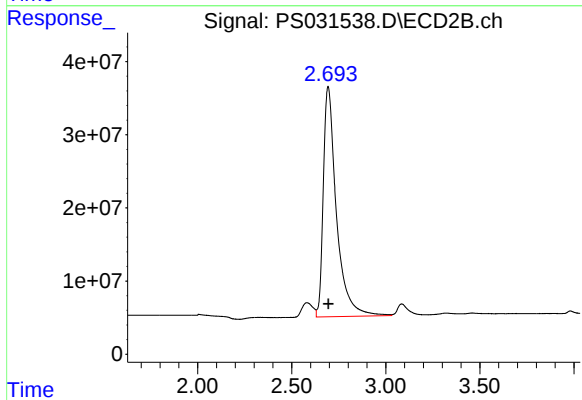
#1 Dalapon

R.T.: 2.673 min
Delta R.T.: -0.001 min
Response: 3103516015
Conc: 591.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

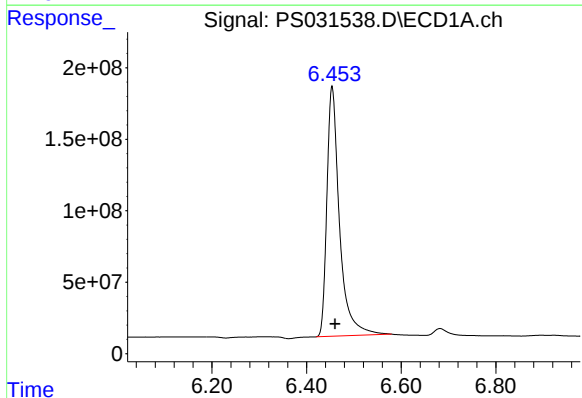
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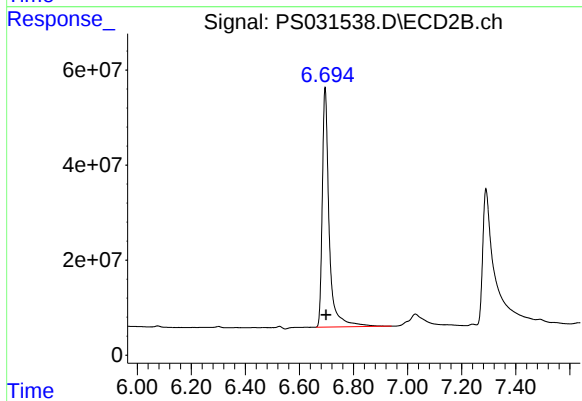
#1 Dalapon

R.T.: 2.693 min
Delta R.T.: -0.002 min
Response: 1526118023
Conc: 573.51 ng/ml



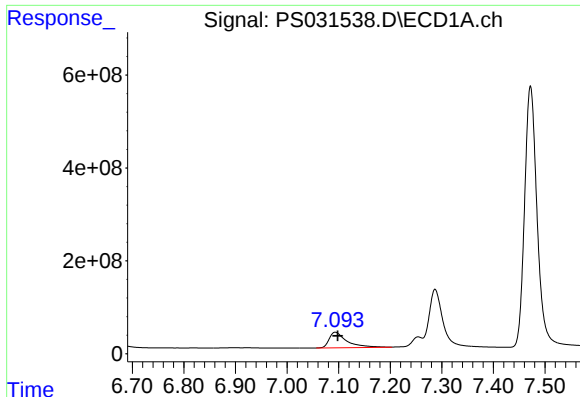
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: -0.007 min
Response: 3237287415
Conc: 686.11 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.695 min
Delta R.T.: -0.004 min
Response: 894264115
Conc: 661.47 ng/ml



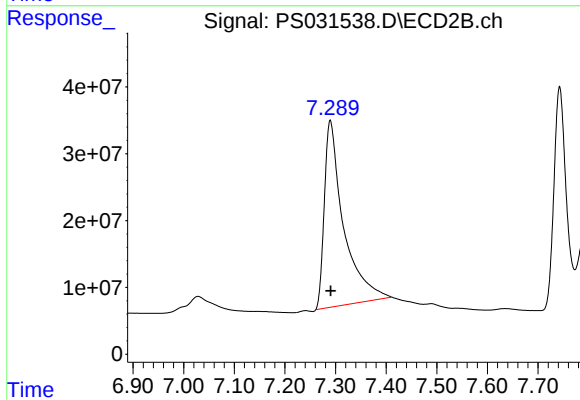
#3 4-Nitrophenol

R.T.: 7.093 min
Delta R.T.: -0.006 min
Response: 804183688
Conc: 779.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

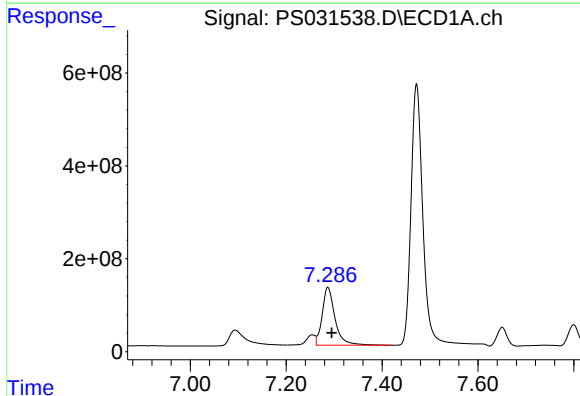
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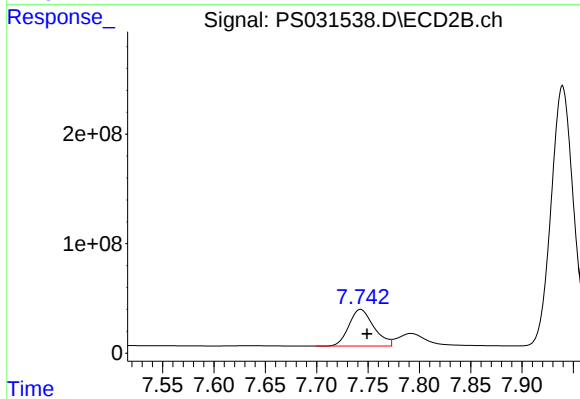
#3 4-Nitrophenol

R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 738297692
Conc: 587.40 ng/ml



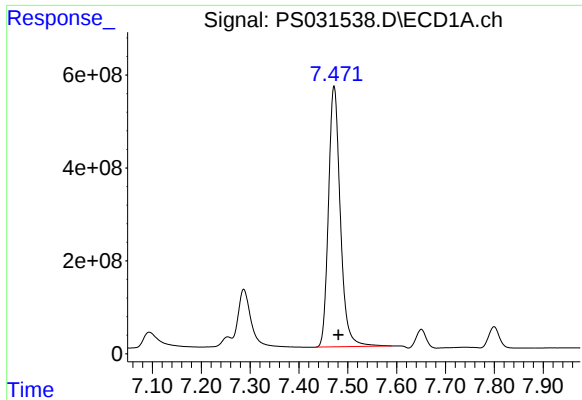
#4 2,4-DCAA

R.T.: 7.287 min
Delta R.T.: -0.008 min
Response: 2312645851
Conc: 728.62 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: -0.006 min
Response: 566718881
Conc: 670.40 ng/ml



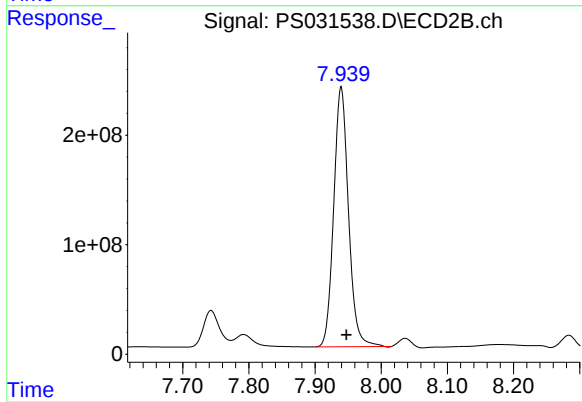
#5 DICAMBA

R.T.: 7.472 min
Delta R.T.: -0.009 min
Response: 9455225608
Conc: 676.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

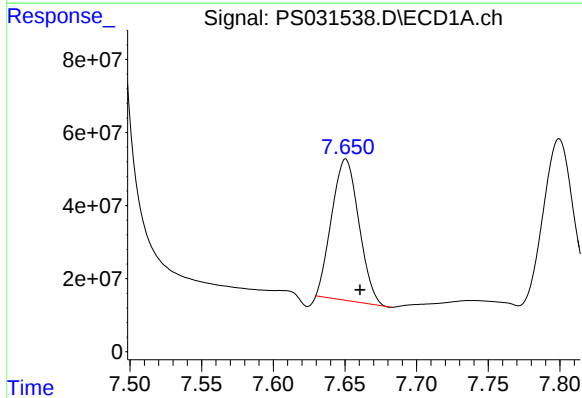
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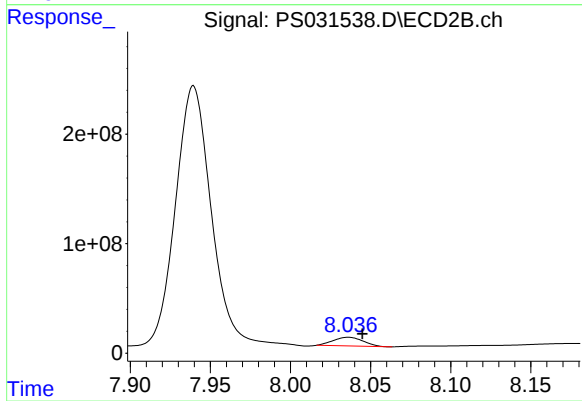
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: -0.008 min
Response: 3674830404
Conc: 646.67 ng/ml



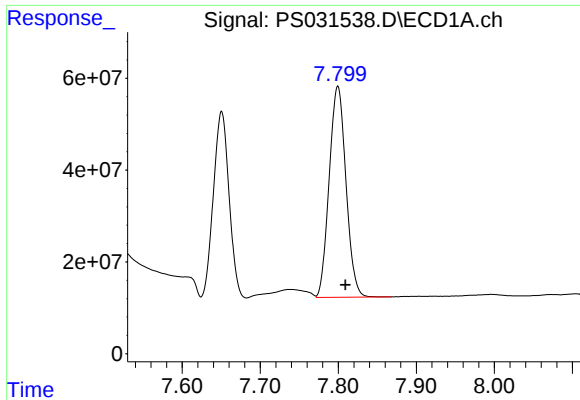
#6 MCP

R.T.: 7.651 min
Delta R.T.: -0.010 min
Response: 511289449
Conc: 63.55 ug/ml



#6 MCP

R.T.: 8.036 min
Delta R.T.: -0.009 min
Response: 103875475
Conc: 58.76 ug/ml



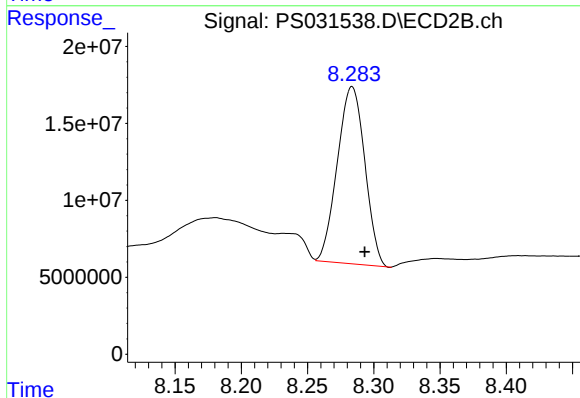
#7 MCPA

R.T.: 7.799 min
Delta R.T.: -0.010 min
Response: 686446652
Conc: 68.91 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

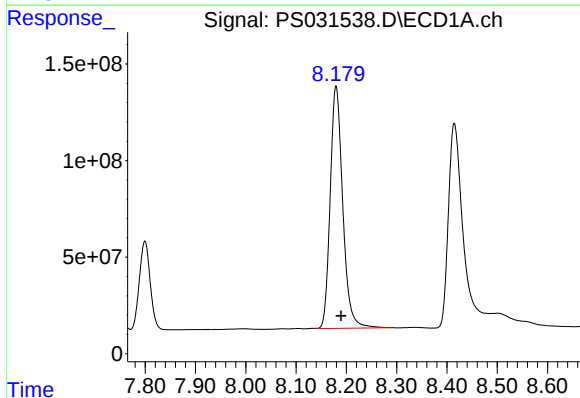
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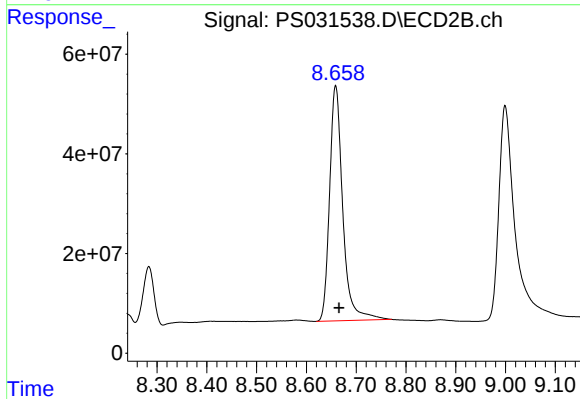
#7 MCPA

R.T.: 8.284 min
Delta R.T.: -0.010 min
Response: 166352247
Conc: 59.29 ug/ml



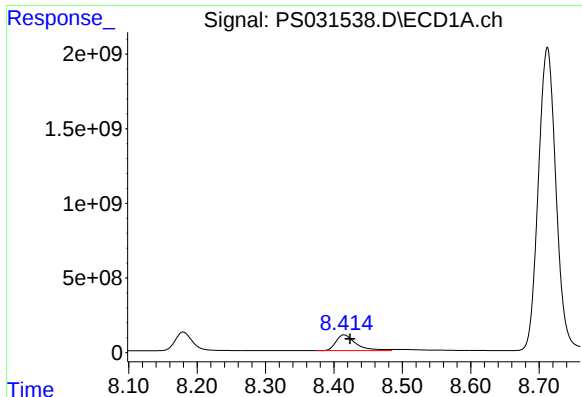
#8 DICHLORPROP

R.T.: 8.180 min
Delta R.T.: -0.010 min
Response: 2173782435
Conc: 685.21 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min
Delta R.T.: -0.007 min
Response: 867981965
Conc: 650.16 ng/ml



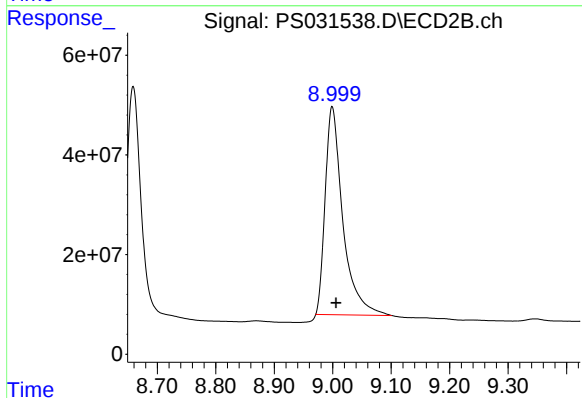
#9 2,4-D

R.T.: 8.415 min
Delta R.T.: -0.009 min
Response: 2172213934
Conc: 755.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

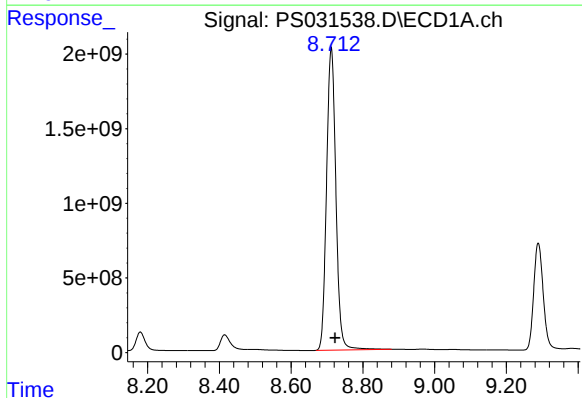
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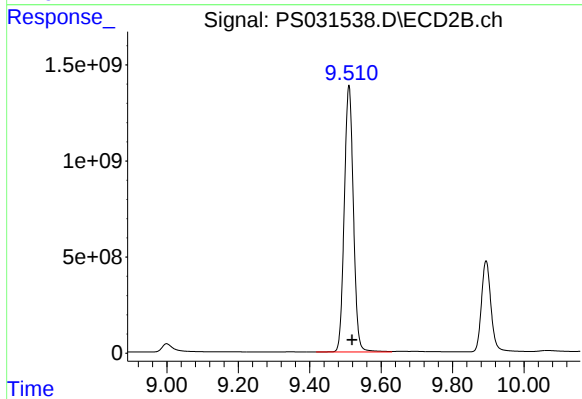
#9 2,4-D

R.T.: 8.999 min
Delta R.T.: -0.006 min
Response: 877211360
Conc: 614.60 ng/ml



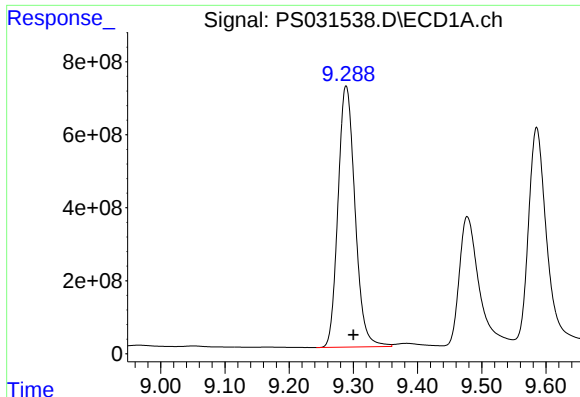
#10 Pentachlorophenol

R.T.: 8.712 min
Delta R.T.: -0.010 min
Response: 36564541378
Conc: 761.56 ng/ml



#10 Pentachlorophenol

R.T.: 9.510 min
Delta R.T.: -0.009 min
Response: 24520447179
Conc: 704.04 ng/ml



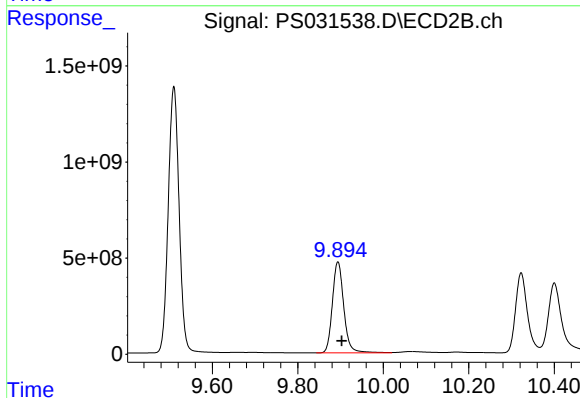
#11 2,4,5-TP (SILVEX)

R.T.: 9.289 min
Delta R.T.: -0.011 min
Response: 13158384468
Conc: 734.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

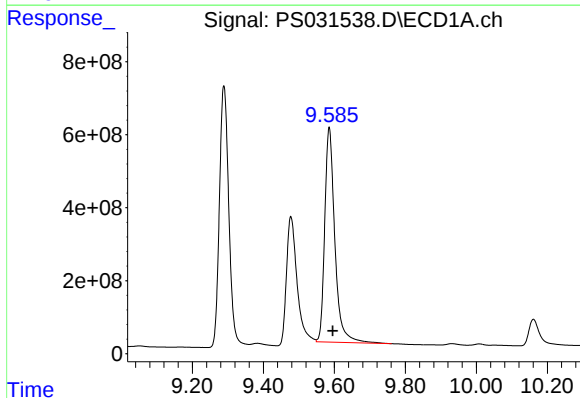
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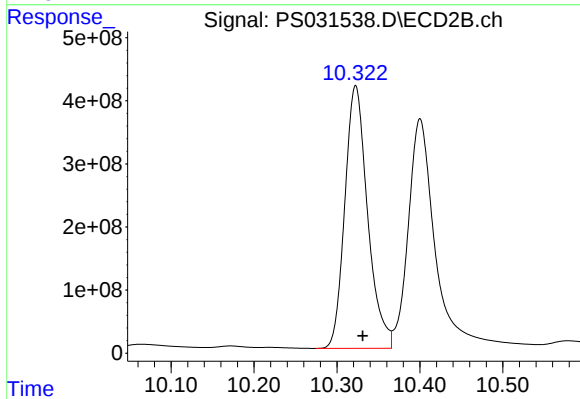
#11 2,4,5-TP (SILVEX)

R.T.: 9.894 min
Delta R.T.: -0.009 min
Response: 8785764309
Conc: 669.85 ng/ml



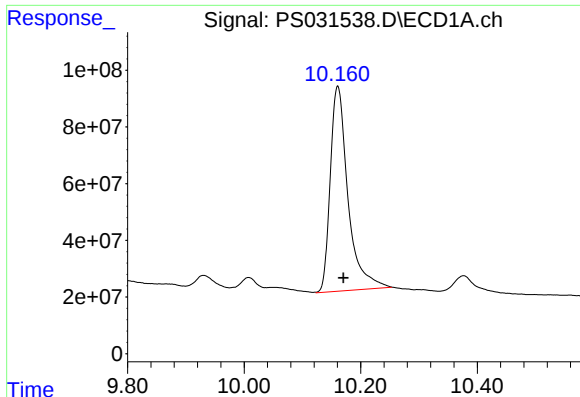
#12 2,4,5-T

R.T.: 9.585 min
Delta R.T.: -0.010 min
Response: 11627444360
Conc: 793.62 ng/ml



#12 2,4,5-T

R.T.: 10.323 min
Delta R.T.: -0.008 min
Response: 7956985140
Conc: 672.06 ng/ml



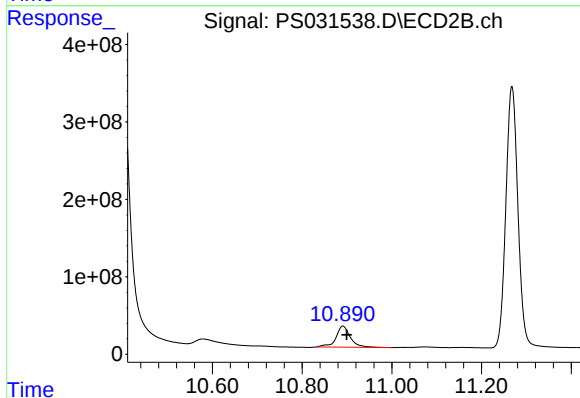
#13 2,4-DB

R.T.: 10.160 min
Delta R.T.: -0.010 min
Response: 1524232557
Conc: 793.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

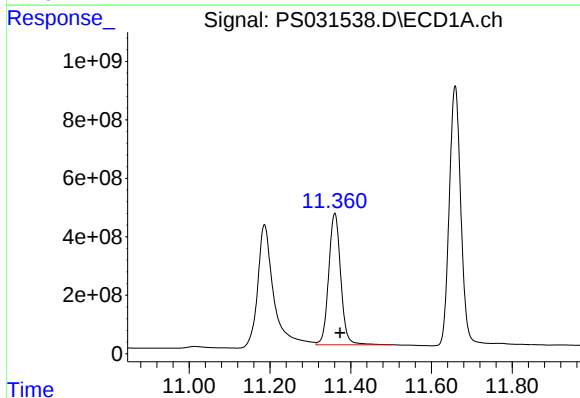
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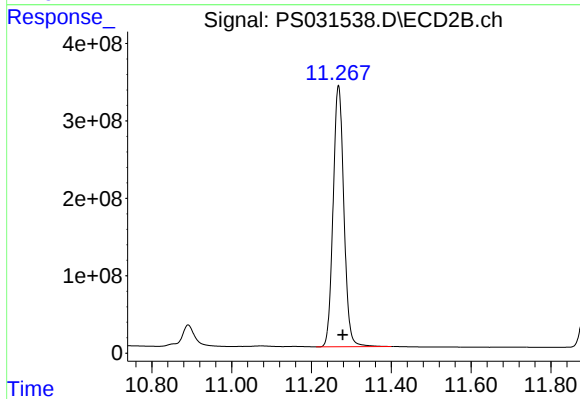
#13 2,4-DB

R.T.: 10.891 min
Delta R.T.: -0.008 min
Response: 602774290
Conc: 624.74 ng/ml



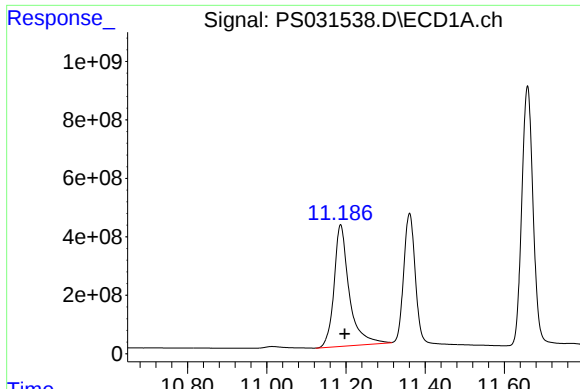
#14 DINOSEB

R.T.: 11.361 min
Delta R.T.: -0.013 min
Response: 9330881315
Conc: 735.96 ng/ml



#14 DINOSEB

R.T.: 11.268 min
Delta R.T.: -0.011 min
Response: 6309732582
Conc: 667.21 ng/ml



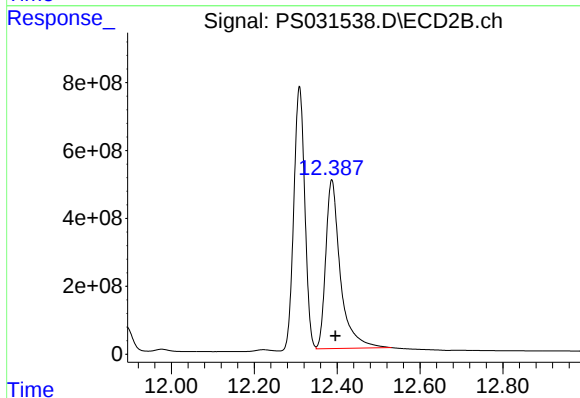
#15 Picloram

R.T.: 11.186 min
Delta R.T.: -0.011 min
Response: 11095729595
Conc: 849.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
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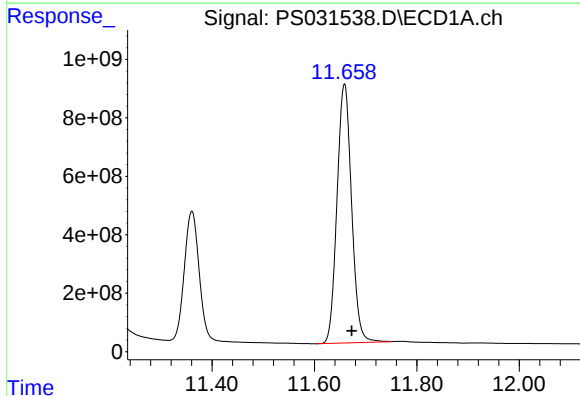
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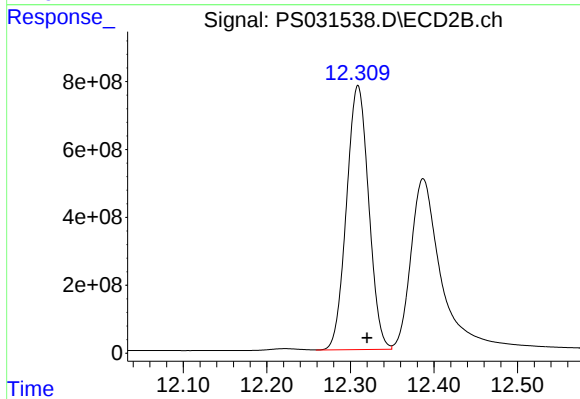
#15 Picloram

R.T.: 12.387 min
Delta R.T.: -0.008 min
Response: 12192826482
Conc: 695.55 ng/ml



#16 DCPA

R.T.: 11.658 min
Delta R.T.: -0.014 min
Response: 17484291285
Conc: 767.55 ng/ml m



#16 DCPA

R.T.: 12.309 min
Delta R.T.: -0.011 min
Response: 14367193957
Conc: 729.28 ng/ml m