

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080725\
 Data File : PS031392.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2025 18:04
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/08/2025
 Supervised By :mohammad ahmed 08/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 08 04:25:57 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	7.293	7.746	2411.5E6	646.7E6	759.775	765.011
Target Compounds							
1) T	Dalapon	2.677	2.697	3500.6E6	1765.1E6	666.926	663.314
2) T	3,5-DICHL...	6.459	6.696	3328.2E6	935.8E6	705.378	692.198
3) T	4-Nitroph...	7.094	7.285	742.9E6	845.5E6	720.108	672.679
5) T	DICAMBA	7.480	7.946	10066.6E6	3992.8E6	720.769	702.633
6) T	MCPD	7.661	8.045	627.7E6	130.2E6	78.028	73.668
7) T	MCPA	7.810	8.293	765.5E6	200.0E6	76.851	71.299
8) T	DICHLORPROP	8.188	8.664	2265.2E6	914.1E6	714.033	684.693
9) T	2,4-D	8.420	9.002	2140.1E6	976.7E6	743.920	684.322
10) T	Pentachlo...	8.721	9.517	36727.0E6	24882.3E6	764.949	714.425
11) T	2,4,5-TP ...	9.298	9.901	13386.5E6	9204.2E6	746.859	701.751
12) T	2,4,5-T	9.593	10.328	11582.1E6	8309.4E6	790.523	701.821
13) T	2,4-DB	10.167	10.896	1621.5E6	673.2E6	843.761	697.708
14) T	DINOSEB	11.372	11.277	9052.6E6	6161.5E6	714.010	651.527
15) T	Picloram	11.191	12.391	10958.8E6	14006.4E6	839.490m	799.011
16) T	DCPA	11.671	12.319	17086.9E6	13986.0E6	750.104	709.935

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

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Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 5 Sample Multiplier: 1

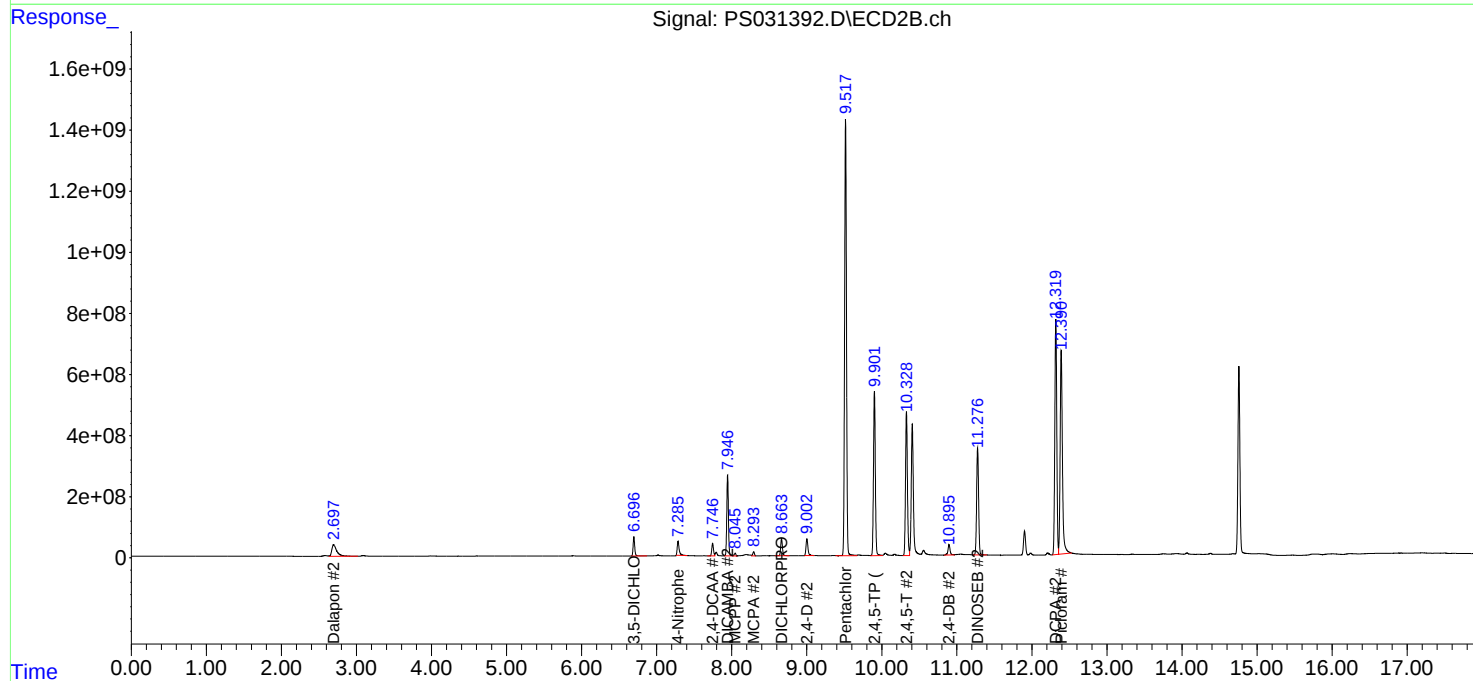
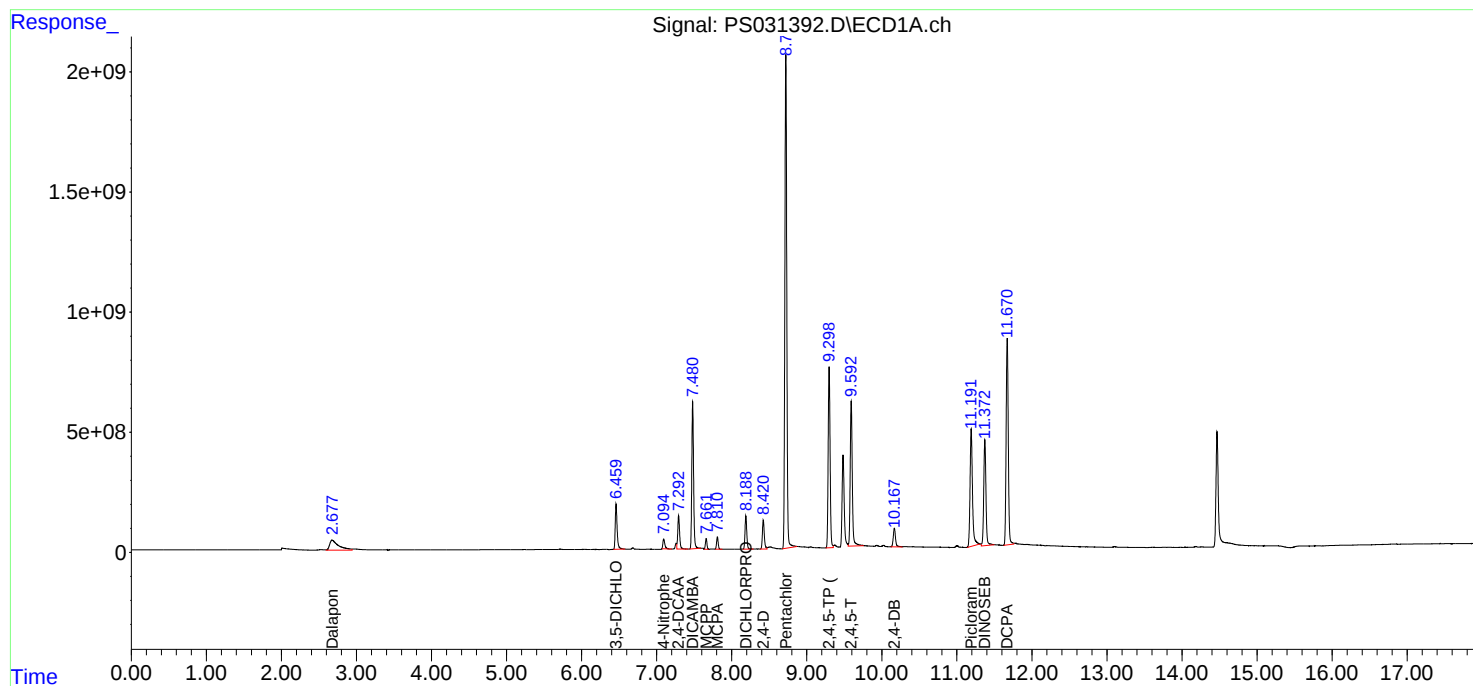
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

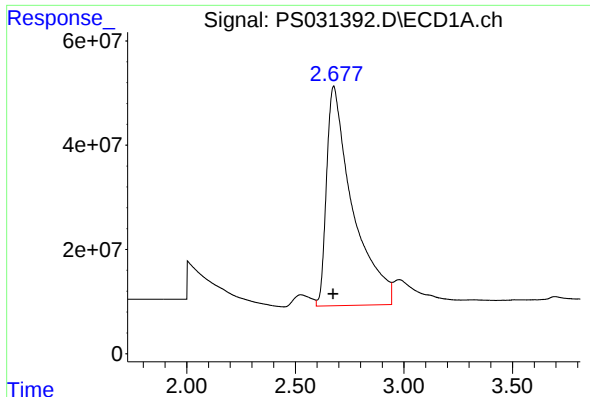
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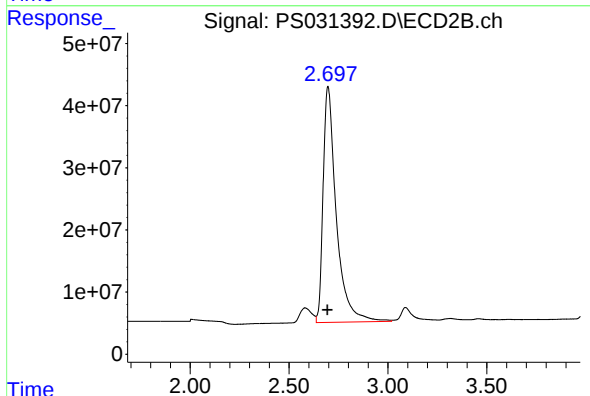
#1 Dalapon

R.T.: 2.677 min
Delta R.T.: 0.003 min
Response: 3500649395
Conc: 666.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

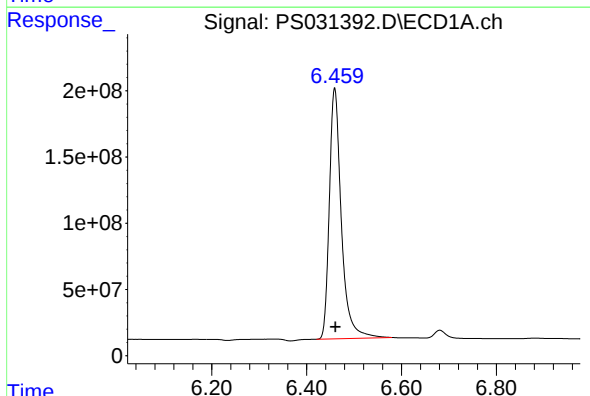
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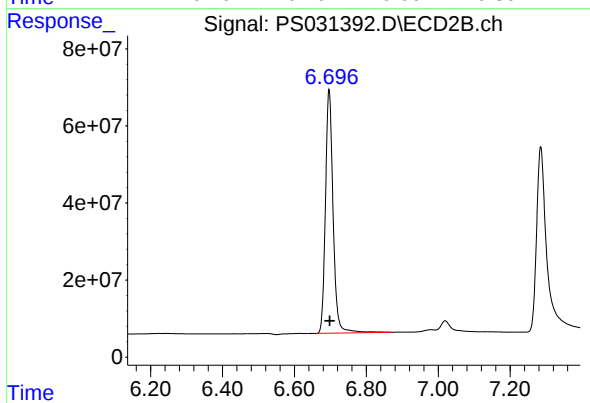
#1 Dalapon

R.T.: 2.697 min
Delta R.T.: 0.002 min
Response: 1765087464
Conc: 663.31 ng/ml



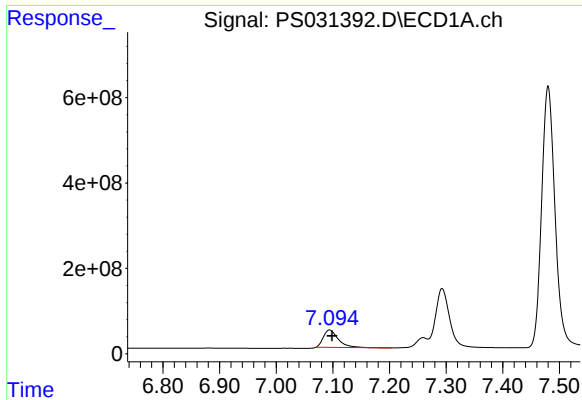
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.459 min
Delta R.T.: -0.001 min
Response: 3328193688
Conc: 705.38 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: -0.002 min
Response: 935803292
Conc: 692.20 ng/ml



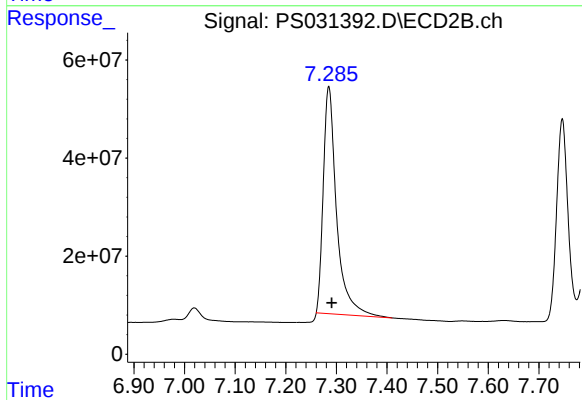
#3 4-Nitrophenol

R.T.: 7.094 min
Delta R.T.: -0.004 min
Response: 742920387
Conc: 720.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

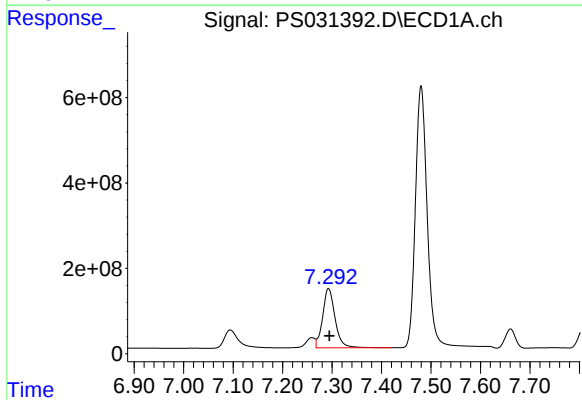
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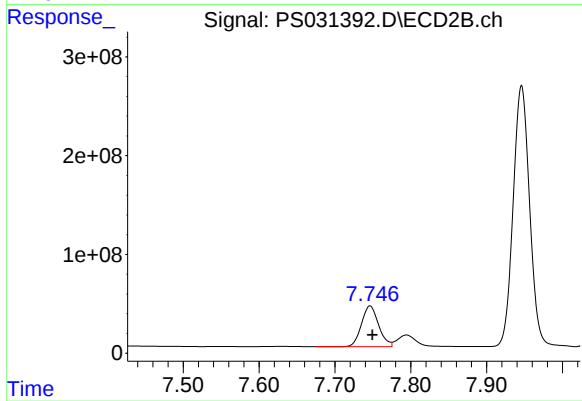
#3 4-Nitrophenol

R.T.: 7.285 min
Delta R.T.: -0.006 min
Response: 845484105
Conc: 672.68 ng/ml



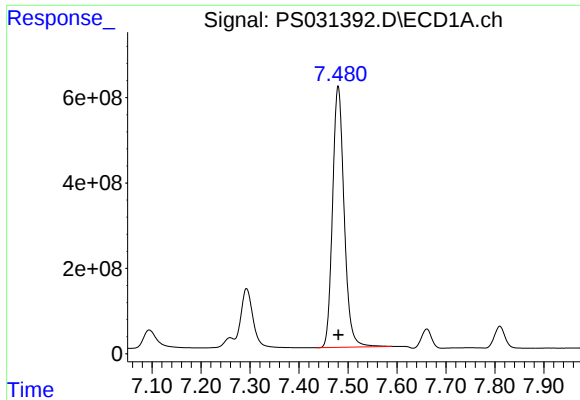
#4 2,4-DCAA

R.T.: 7.293 min
Delta R.T.: -0.002 min
Response: 2411515774
Conc: 759.77 ng/ml



#4 2,4-DCAA

R.T.: 7.746 min
Delta R.T.: -0.003 min
Response: 646694106
Conc: 765.01 ng/ml



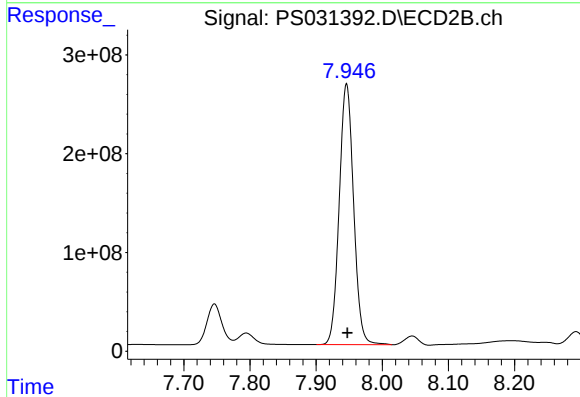
#5 DICAMBA

R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 10066590707
Conc: 720.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

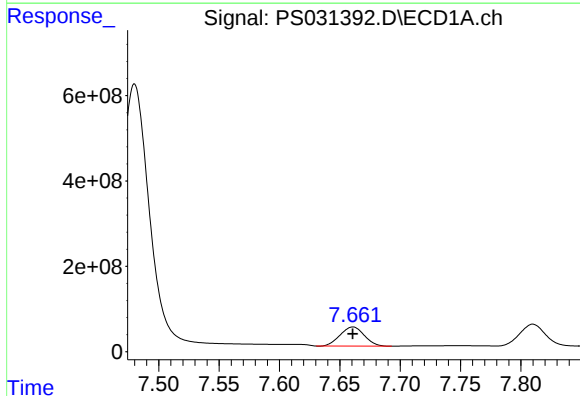
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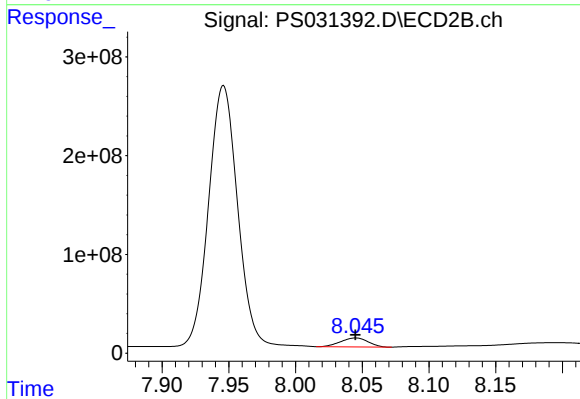
#5 DICAMBA

R.T.: 7.946 min
Delta R.T.: -0.001 min
Response: 3992847152
Conc: 702.63 ng/ml



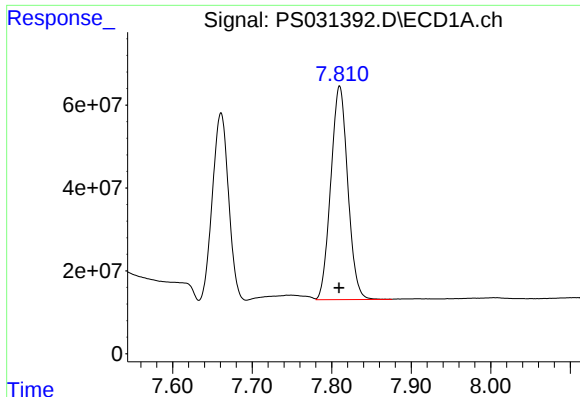
#6 MCP

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 627722654
Conc: 78.03 ug/ml



#6 MCP

R.T.: 8.045 min
Delta R.T.: 0.000 min
Response: 130232276
Conc: 73.67 ug/ml



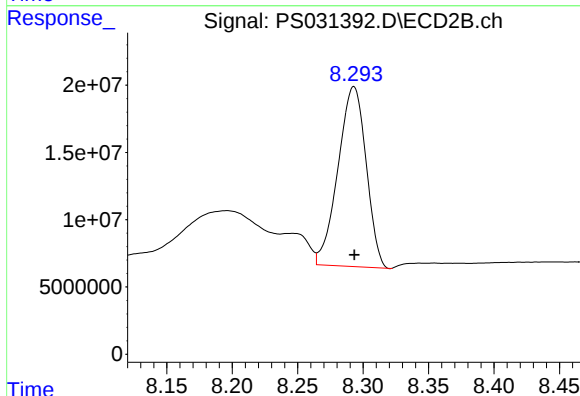
#7 MCPA

R.T.: 7.810 min
Delta R.T.: 0.000 min
Response: 765533607
Conc: 76.85 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

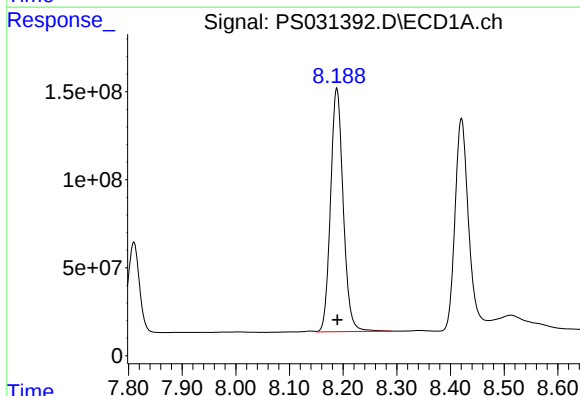
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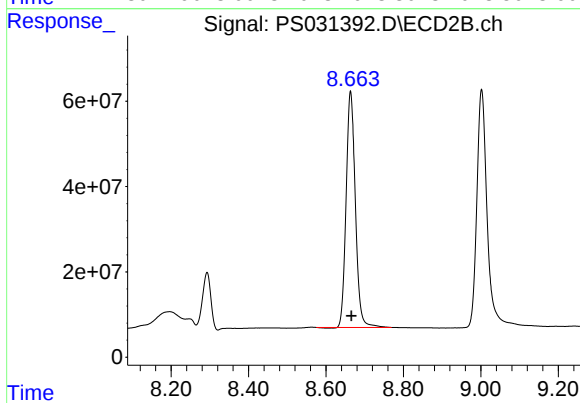
#7 MCPA

R.T.: 8.293 min
Delta R.T.: 0.000 min
Response: 200030655
Conc: 71.30 ug/ml



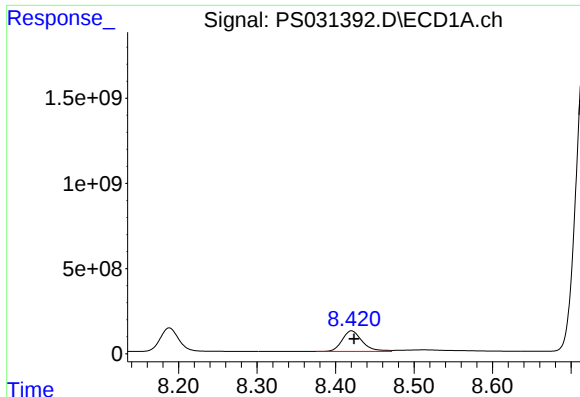
#8 DICHLORPROP

R.T.: 8.188 min
Delta R.T.: -0.001 min
Response: 2265219629
Conc: 714.03 ng/ml



#8 DICHLORPROP

R.T.: 8.664 min
Delta R.T.: -0.002 min
Response: 914088013
Conc: 684.69 ng/ml



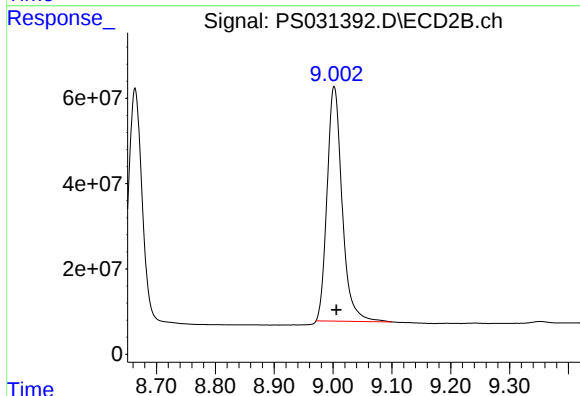
#9 2,4-D

R.T.: 8.420 min
Delta R.T.: -0.003 min
Response: 2140120198
Conc: 743.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

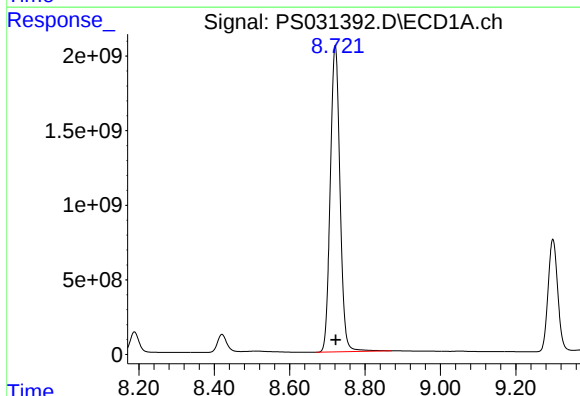
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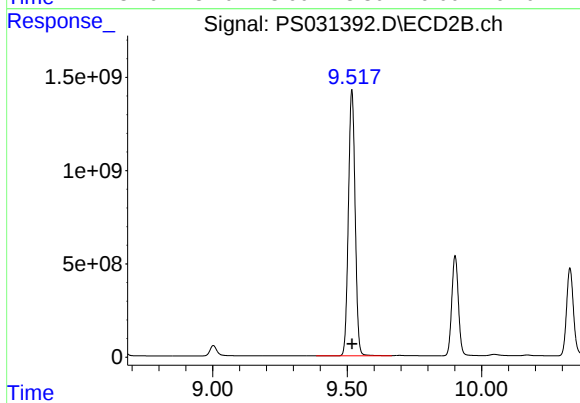
#9 2,4-D

R.T.: 9.002 min
Delta R.T.: -0.004 min
Response: 976723557
Conc: 684.32 ng/ml



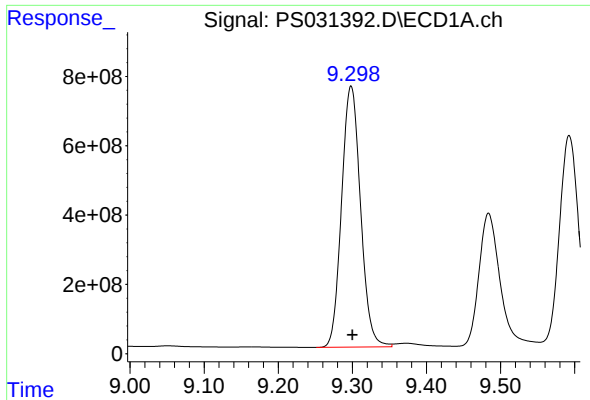
#10 Pentachlorophenol

R.T.: 8.721 min
Delta R.T.: -0.001 min
Response: 36727029357
Conc: 764.95 ng/ml



#10 Pentachlorophenol

R.T.: 9.517 min
Delta R.T.: -0.001 min
Response: 24882300301
Conc: 714.43 ng/ml



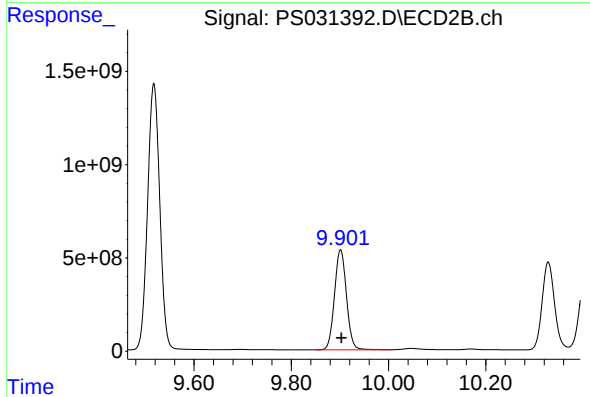
#11 2,4,5-TP (SILVEX)

R.T.: 9.298 min
Delta R.T.: -0.002 min
Response: 13386478536
Conc: 746.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

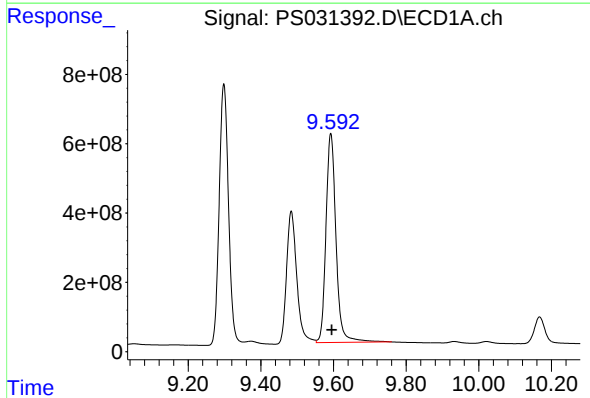
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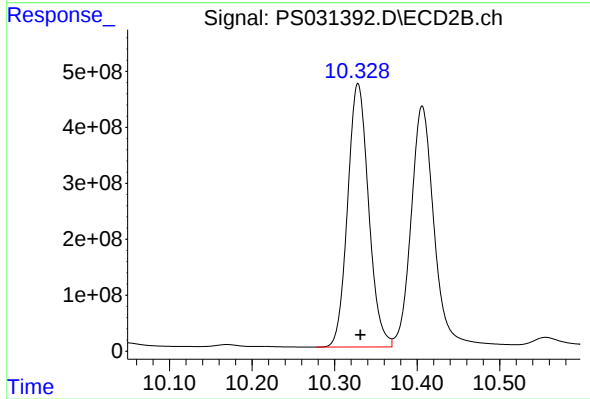
#11 2,4,5-TP (SILVEX)

R.T.: 9.901 min
Delta R.T.: -0.002 min
Response: 9204184251
Conc: 701.75 ng/ml



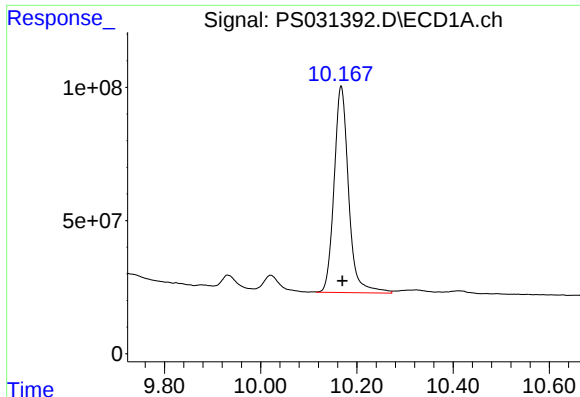
#12 2,4,5-T

R.T.: 9.593 min
Delta R.T.: -0.003 min
Response: 11582127818
Conc: 790.52 ng/ml



#12 2,4,5-T

R.T.: 10.328 min
Delta R.T.: -0.003 min
Response: 8309395789
Conc: 701.82 ng/ml



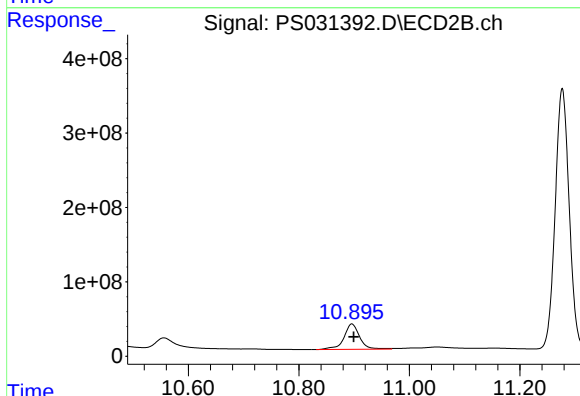
#13 2,4-DB

R.T.: 10.167 min
Delta R.T.: -0.003 min
Response: 1621473595
Conc: 843.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

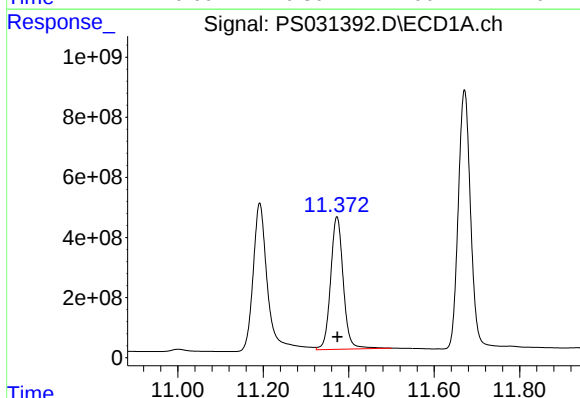
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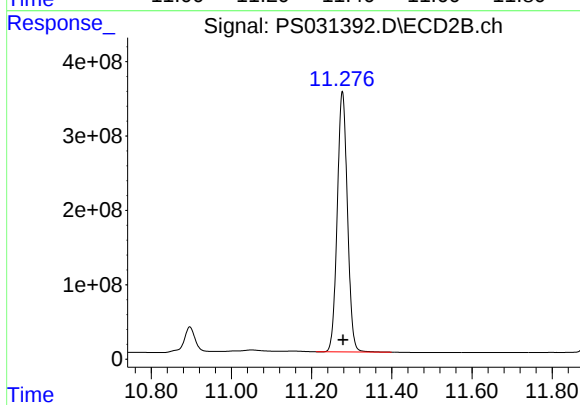
#13 2,4-DB

R.T.: 10.896 min
Delta R.T.: -0.003 min
Response: 673180599
Conc: 697.71 ng/ml



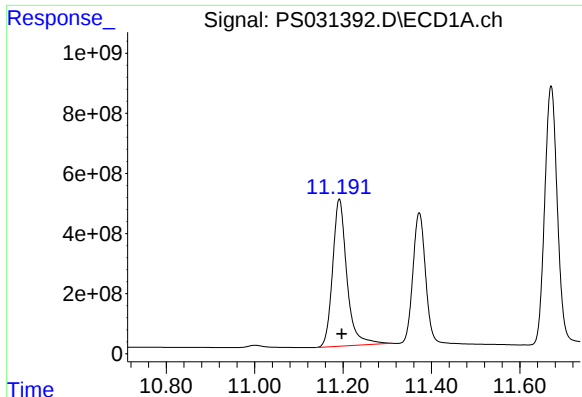
#14 DINOSEB

R.T.: 11.372 min
Delta R.T.: -0.001 min
Response: 9052553066
Conc: 714.01 ng/ml



#14 DINOSEB

R.T.: 11.277 min
Delta R.T.: -0.002 min
Response: 6161454184
Conc: 651.53 ng/ml



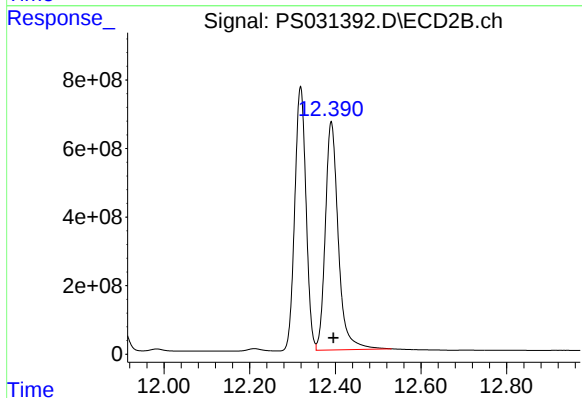
#15 Picloram

R.T.: 11.191 min
Delta R.T.: -0.006 min
Response: 10958826274
Conc: 839.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

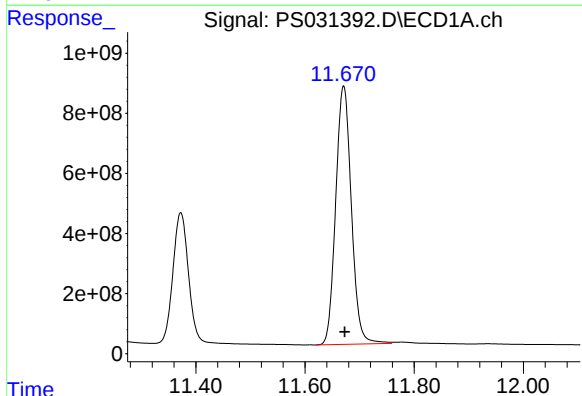
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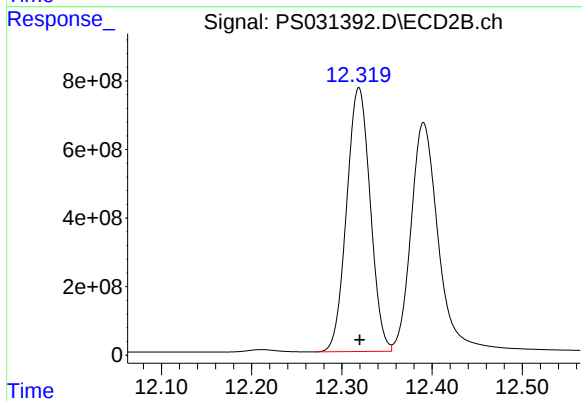
#15 Picloram

R.T.: 12.391 min
Delta R.T.: -0.005 min
Response: 14006442131
Conc: 799.01 ng/ml



#16 DCPA

R.T.: 11.671 min
Delta R.T.: -0.002 min
Response: 17086864435
Conc: 750.10 ng/ml



#16 DCPA

R.T.: 12.319 min
Delta R.T.: 0.000 min
Response: 13986010541
Conc: 709.94 ng/ml