

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102425\
 Data File : PS032154.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2025 14:28
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/27/2025
 Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 06:22:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 13 12:51:14 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	7.278	7.743	3767.0E6	942.5E6	790.227	856.544
Target Compounds							
1) T	Dalapon	2.657	2.687	5112.0E6	2597.5E6	661.530	691.155
2) T	3,5-DICHL...	6.446	6.696	5128.0E6	1455.1E6	728.520	697.587
3) T	4-Nitroph...	7.093	7.296	815.3E6	1184.0E6	610.876m	780.282 #
5) T	DICAMBA	7.460	7.938	15009.8E6	6406.6E6	716.718	739.716
6) T	MCPD	7.639	8.036	919.3E6	196.2E6	75.179	79.047
7) T	MCPA	7.788	8.284	1168.6E6	293.5E6	79.406	77.804
8) T	DICHLORPROP	8.169	8.658	3375.8E6	1427.1E6	710.067	728.776
9) T	2,4-D	8.407	9.000	3560.4E6	1583.4E6	733.223	761.864
10) T	Pentachlo...	8.704	9.506	49470.6E6	41376.2E6	737.053	798.400
11) T	2,4,5-TP ...	9.275	9.891	20854.8E6	15056.4E6	738.431	750.010
12) T	2,4,5-T	9.574	10.320	19598.1E6	13433.0E6	776.337	783.508
13) T	2,4-DB	10.149	10.889	2227.3E6	972.7E6	718.401	752.773
14) T	DINOSEB	11.341	11.263	15920.9E6	11360.1E6	713.915	747.226
15) T	Picloram	11.177	12.385	17601.9E6	22873.1E6	746.543	687.045
16) T	DCPA	11.640	12.304	27039.6E6	24622.5E6	735.966	741.382

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

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Acq On : 24 Oct 2025 14:28
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

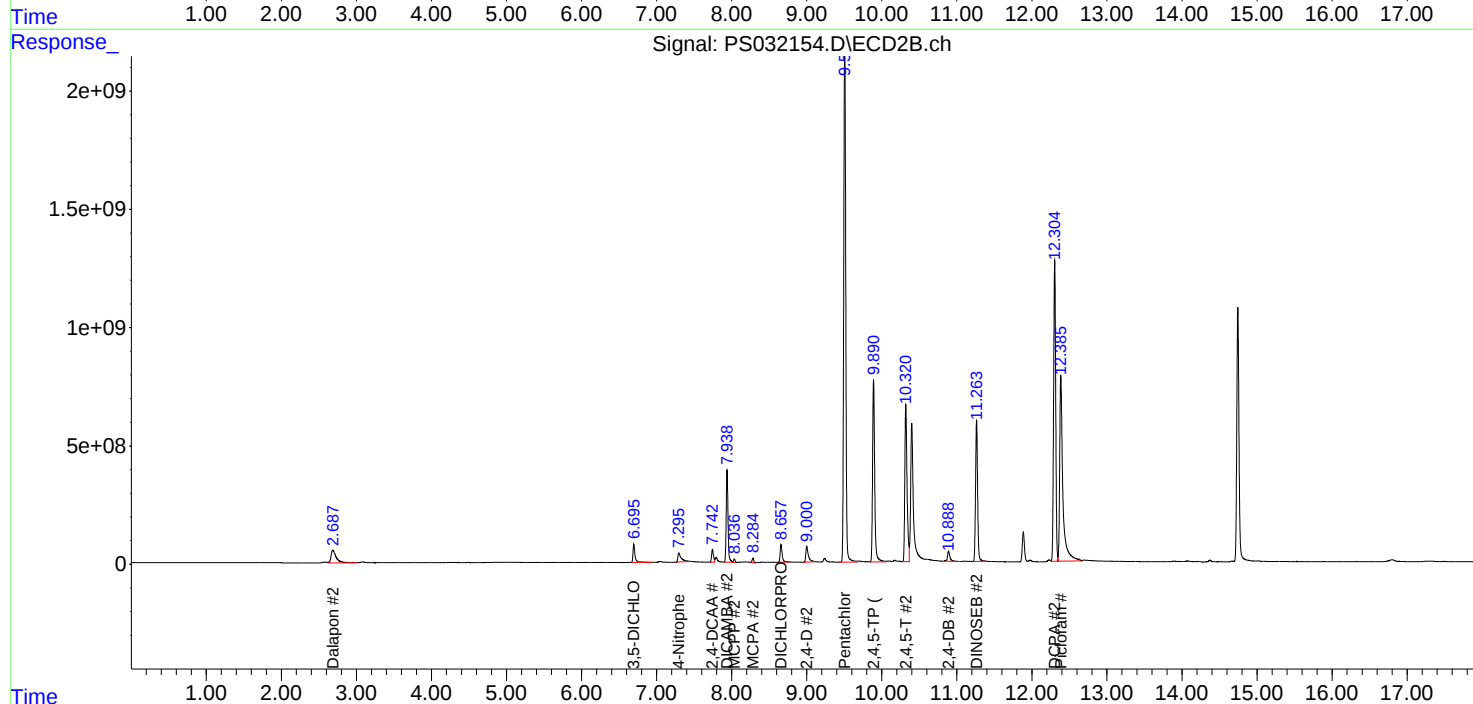
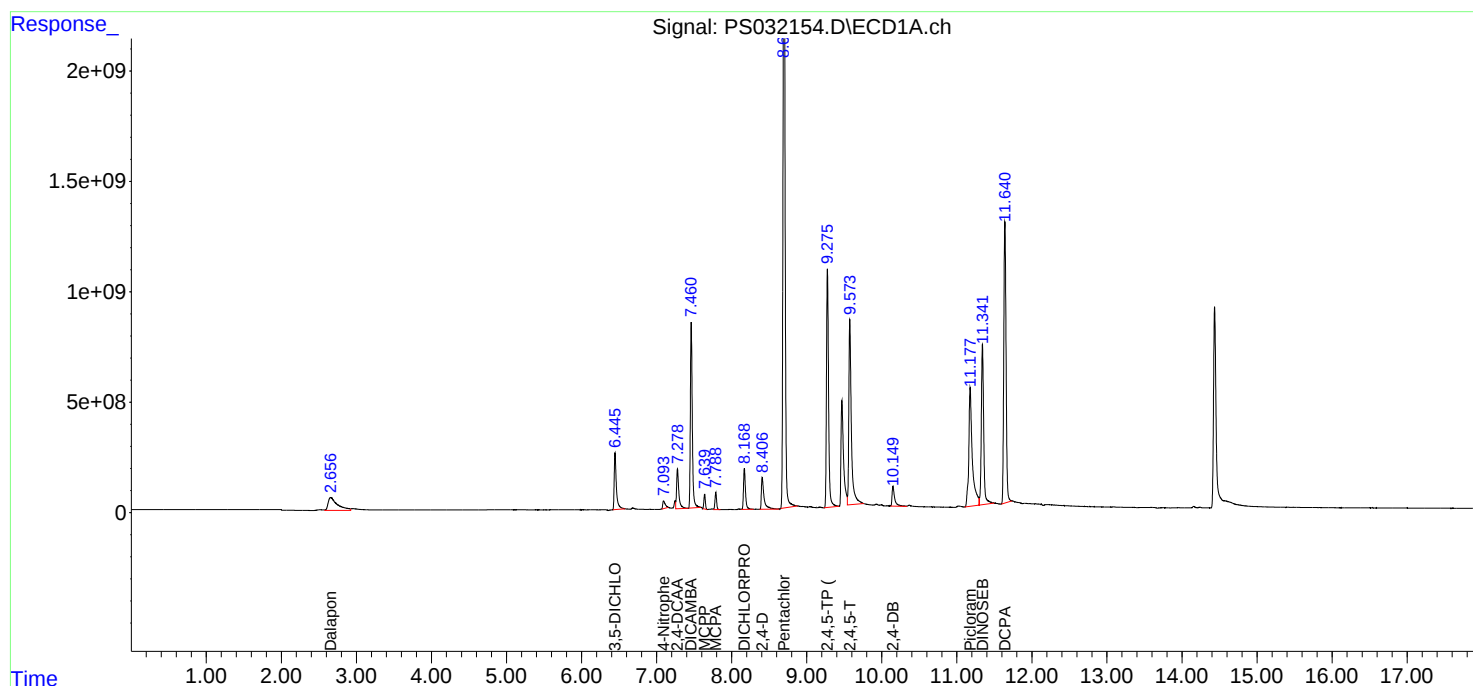
Instrument :
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ClientSampleId :
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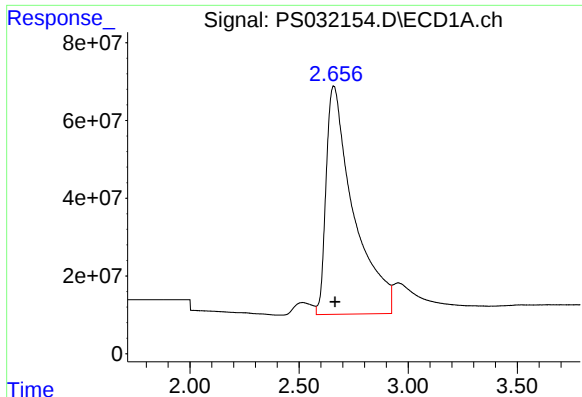
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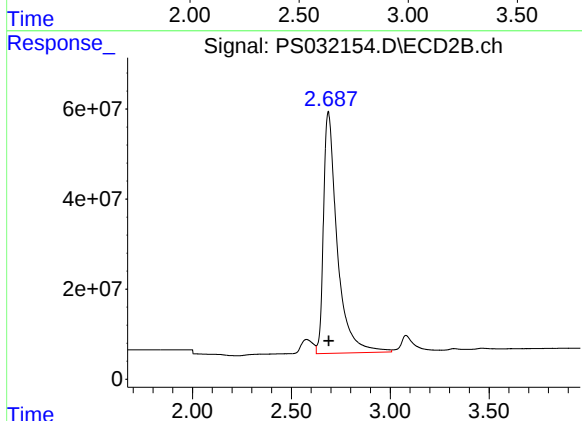
#1 Dalapon

R.T.: 2.657 min
Delta R.T.: -0.008 min
Response: 5111994224
Conc: 661.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

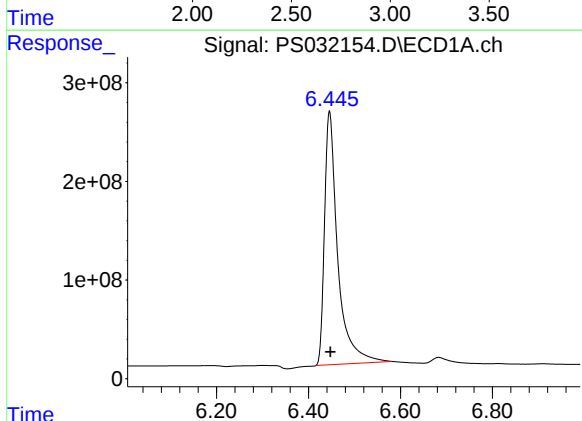
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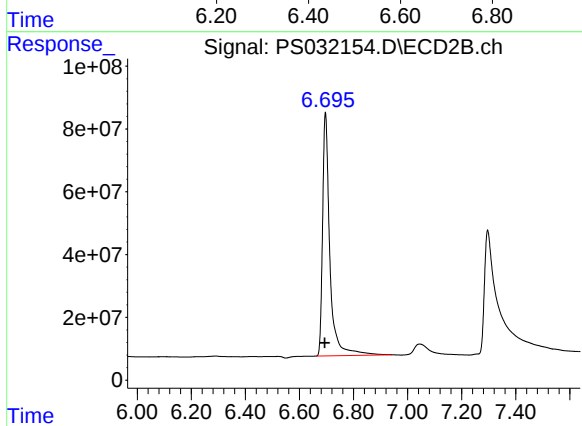
#1 Dalapon

R.T.: 2.687 min
Delta R.T.: -0.002 min
Response: 2597546206
Conc: 691.15 ng/ml



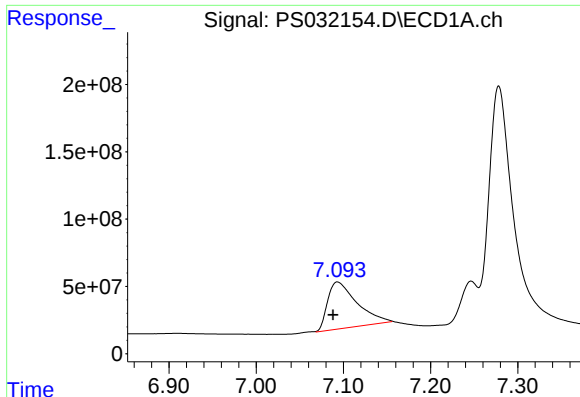
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.446 min
Delta R.T.: -0.002 min
Response: 5127952145
Conc: 728.52 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: 0.002 min
Response: 1455085541
Conc: 697.59 ng/ml



#3 4-Nitrophenol

R.T.: 7.093 min
Delta R.T.: 0.004 min
Response: 815326931
Conc: 610.88 ng/ml

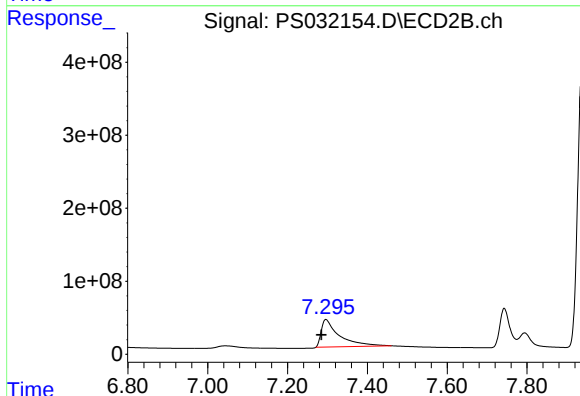
Instrument :

ECD_S

ClientSampleId :
HSTDCCC750

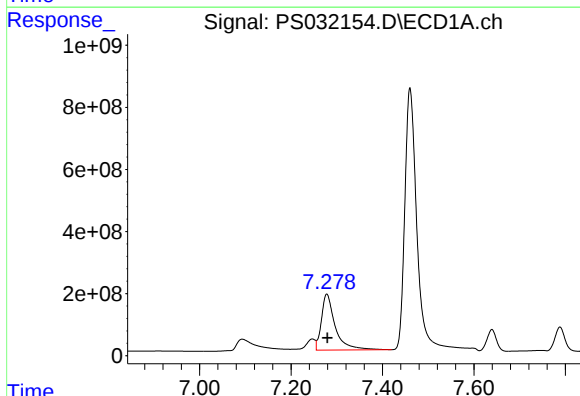
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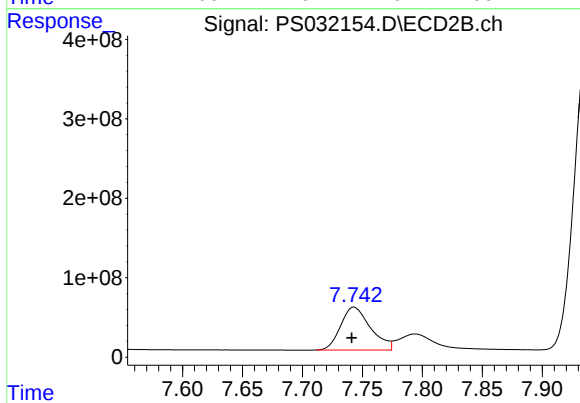
#3 4-Nitrophenol

R.T.: 7.296 min
Delta R.T.: 0.011 min
Response: 1184008979
Conc: 780.28 ng/ml



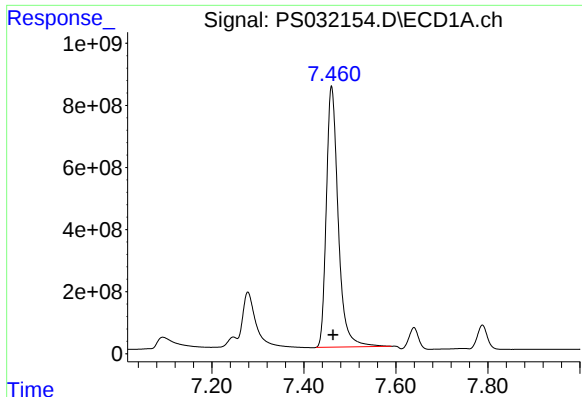
#4 2,4-DCAA

R.T.: 7.278 min
Delta R.T.: -0.001 min
Response: 3767041854
Conc: 790.23 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: 0.002 min
Response: 942490005
Conc: 856.54 ng/ml



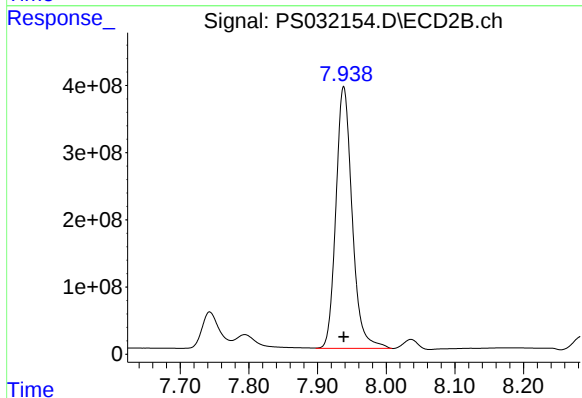
#5 DICAMBA

R.T.: 7.460 min
Delta R.T.: -0.004 min
Response: 15009770037
Conc: 716.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

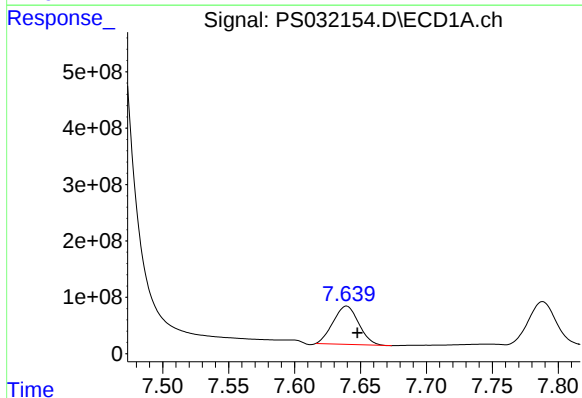
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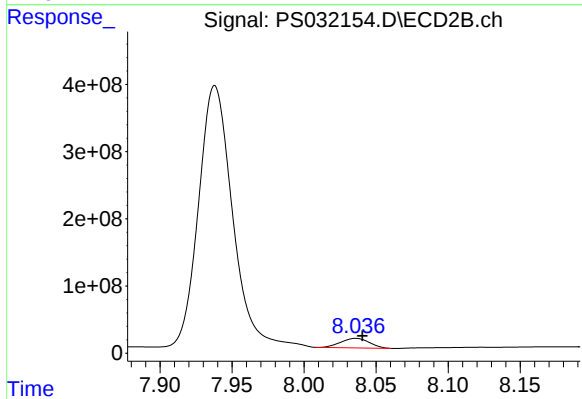
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 6406594370
Conc: 739.72 ng/ml



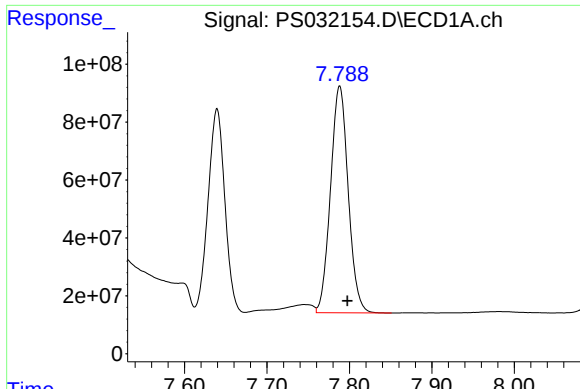
#6 MCP

R.T.: 7.639 min
Delta R.T.: -0.008 min
Response: 919328288
Conc: 75.18 ug/ml



#6 MCP

R.T.: 8.036 min
Delta R.T.: -0.004 min
Response: 196214911
Conc: 79.05 ug/ml



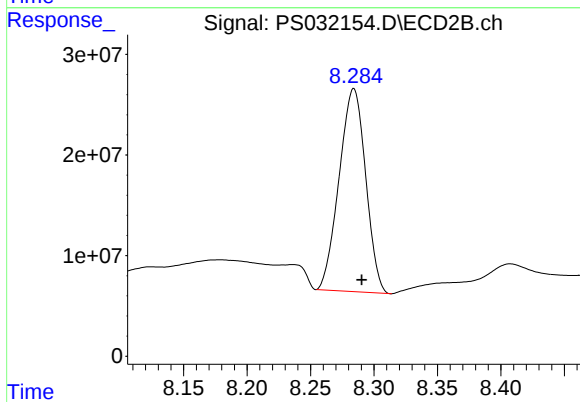
#7 MCPA

R.T.: 7.788 min
Delta R.T.: -0.010 min
Response: 1168561106
Conc: 79.41 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

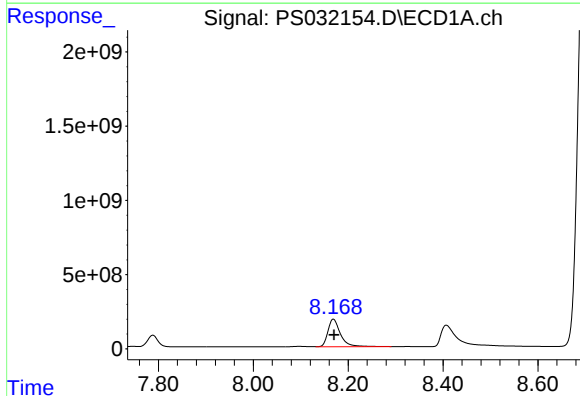
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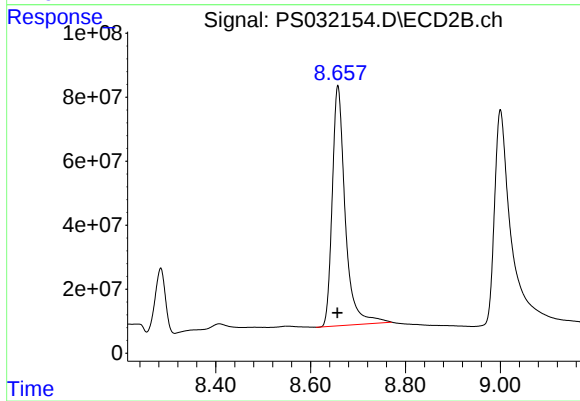
#7 MCPA

R.T.: 8.284 min
Delta R.T.: -0.006 min
Response: 293503293
Conc: 77.80 ug/ml



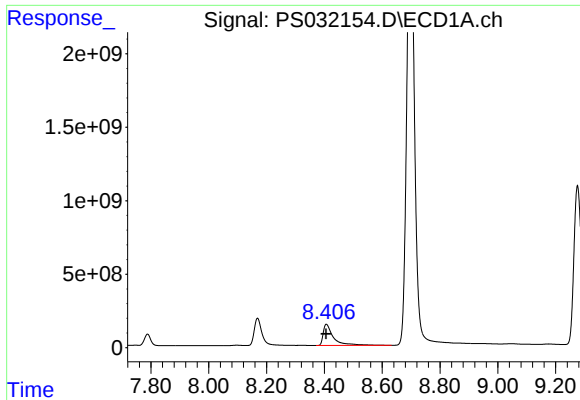
#8 DICHLORPROP

R.T.: 8.169 min
Delta R.T.: -0.002 min
Response: 3375763532
Conc: 710.07 ng/ml



#8 DICHLORPROP

R.T.: 8.658 min
Delta R.T.: 0.001 min
Response: 1427133137
Conc: 728.78 ng/ml



#9 2,4-D

R.T.: 8.407 min
Delta R.T.: 0.000 min
Response: 3560437867
Conc: 733.22 ng/ml

Instrument :

ECD_S

ClientSampleId :

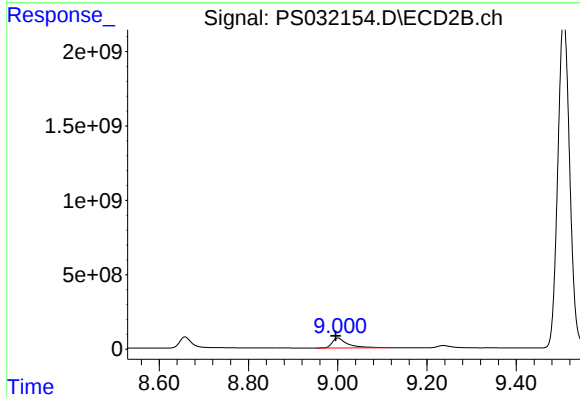
HSTDCCC750

Manual Integrations

APPROVED

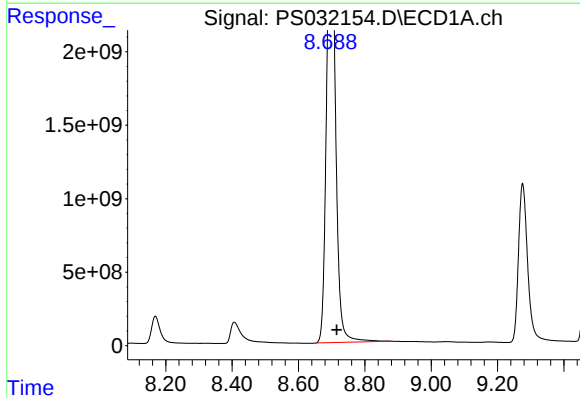
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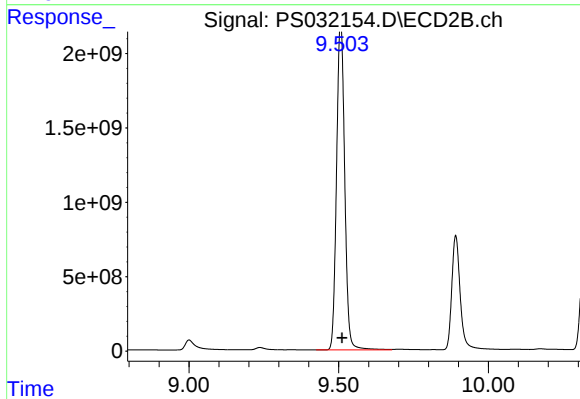
#9 2,4-D

R.T.: 9.000 min
Delta R.T.: 0.005 min
Response: 1583379969
Conc: 761.86 ng/ml



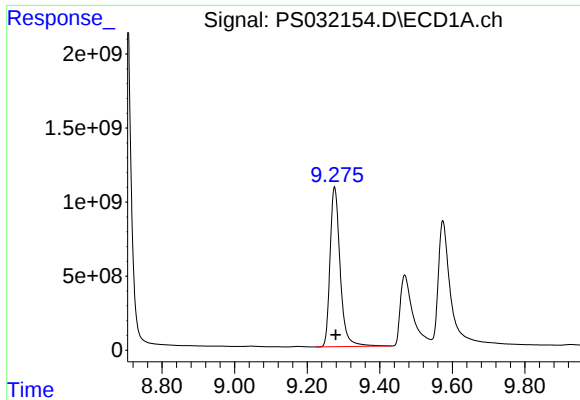
#10 Pentachlorophenol

R.T.: 8.704 min
Delta R.T.: -0.012 min
Response: 49470645670
Conc: 737.05 ng/ml



#10 Pentachlorophenol

R.T.: 9.506 min
Delta R.T.: -0.006 min
Response: 41376198753
Conc: 798.40 ng/ml



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

R.T.: 9.275 min
Delta R.T.: -0.003 min
Response: 20854796835
Conc: 738.43 ng/ml

Instrument :

ECD_S

ClientSampleId :

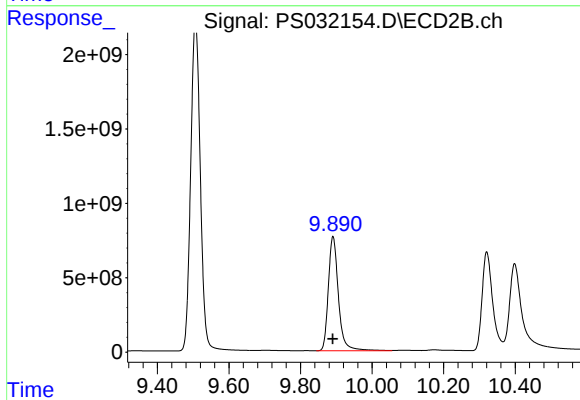
HSTDCCC750

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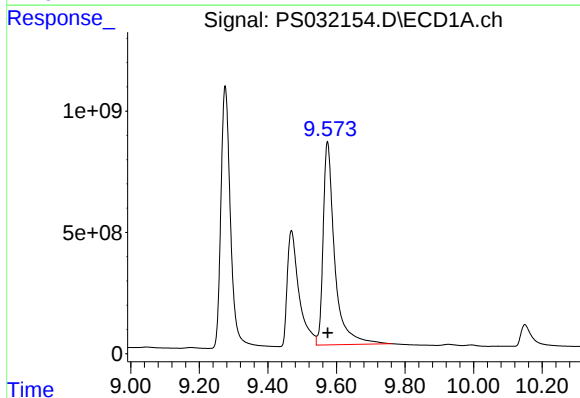
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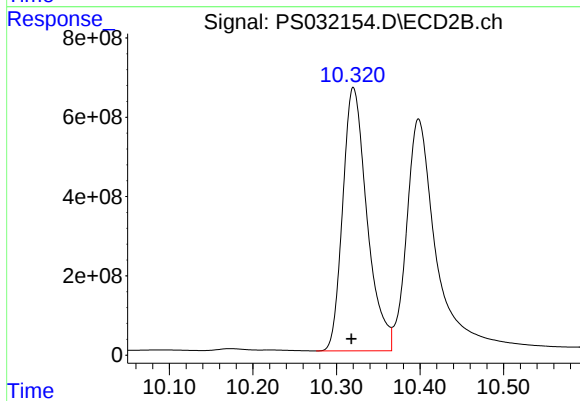
#11 2,4,5-TP (SILVEX)

R.T.: 9.891 min
Delta R.T.: 0.000 min
Response: 15056355975
Conc: 750.01 ng/ml



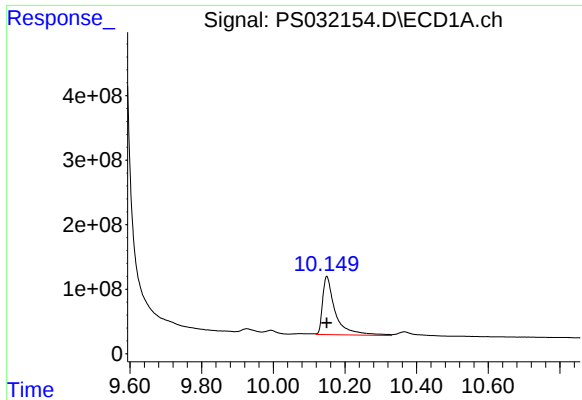
#12 2,4,5-T

R.T.: 9.574 min
Delta R.T.: 0.000 min
Response: 19598053093
Conc: 776.34 ng/ml



#12 2,4,5-T

R.T.: 10.320 min
Delta R.T.: 0.002 min
Response: 13432994820
Conc: 783.51 ng/ml



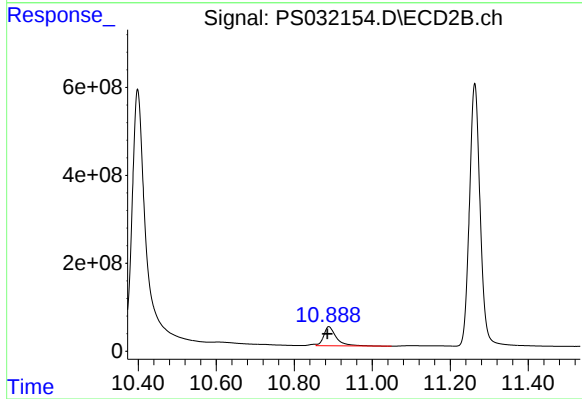
#13 2,4-DB

R.T.: 10.149 min
Delta R.T.: 0.000 min
Response: 2227270039
Conc: 718.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

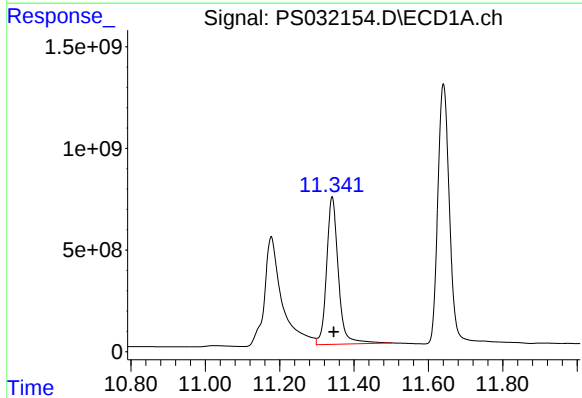
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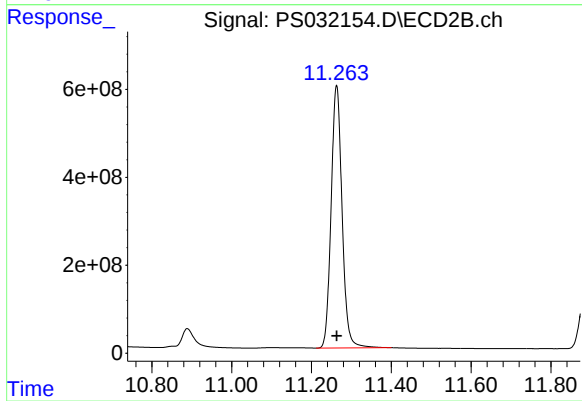
#13 2,4-DB

R.T.: 10.889 min
Delta R.T.: 0.003 min
Response: 972651730
Conc: 752.77 ng/ml



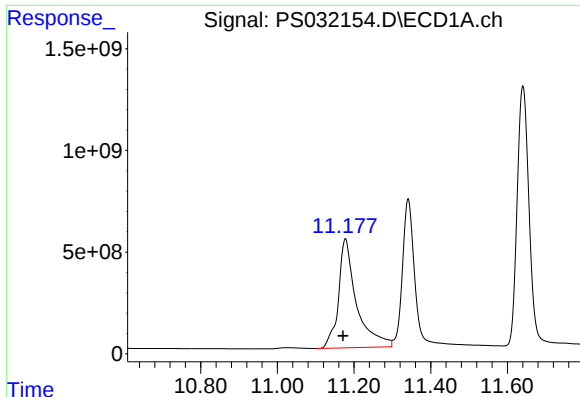
#14 DINOSEB

R.T.: 11.341 min
Delta R.T.: -0.005 min
Response: 15920921344
Conc: 713.91 ng/ml



#14 DINOSEB

R.T.: 11.263 min
Delta R.T.: 0.000 min
Response: 11360134615
Conc: 747.23 ng/ml



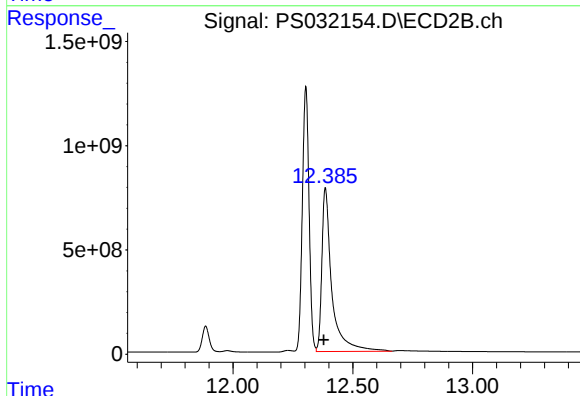
#15 Picloram

R.T.: 11.177 min
Delta R.T.: 0.006 min
Response: 17601900966
Conc: 746.54 ng/ml

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ECD_S
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HSTDCCC750

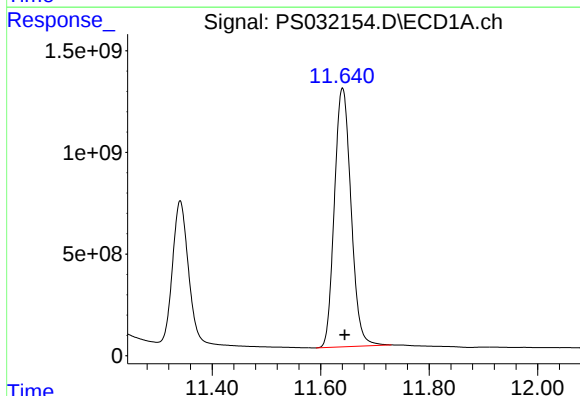
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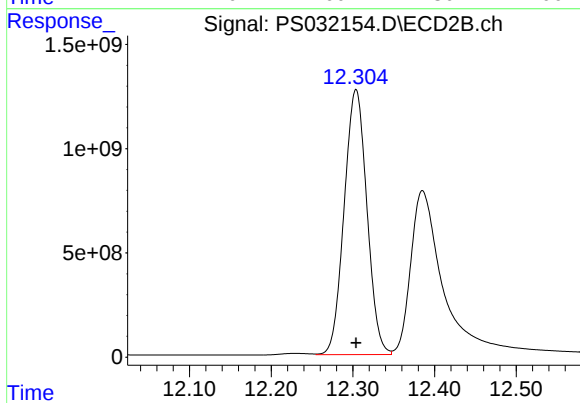
#15 Picloram

R.T.: 12.385 min
Delta R.T.: 0.006 min
Response: 22873096139
Conc: 687.04 ng/ml



#16 DCPA

R.T.: 11.640 min
Delta R.T.: -0.004 min
Response: 27039557233
Conc: 735.97 ng/ml



#16 DCPA

R.T.: 12.304 min
Delta R.T.: 0.000 min
Response: 24622508377
Conc: 741.38 ng/ml