

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091825\
 Data File : PS031764.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2025 10:37
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/19/2025
 Supervised By :mohammad ahmed 09/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 02:22:10 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	7.287	7.745	2812.8E6	663.7E6	781.001	730.178
Target Compounds							
1) T	Dalapon	2.669	2.692	4053.2E6	1954.0E6	701.160	693.498
2) T	3,5-DICHL...	6.454	6.697	3849.5E6	1022.0E6	721.779	670.147m
3) T	4-Nitroph...	7.099	7.299	875.0E6	766.0E6	793.162	606.613
5) T	DICAMBA	7.470	7.940	11568.6E6	4627.5E6	741.731	711.177
6) T	MCPD	7.648	8.036	664.6E6	145.3E6	74.349	77.159
7) T	MCPA	7.797	8.284	819.0E6	206.7E6	73.713	73.778
8) T	DICHLORPROP	8.178	8.660	2586.2E6	1048.6E6	726.090	720.672
9) T	2,4-D	8.416	9.003	2509.3E6	1128.1E6	732.495m	685.707
10) T	Pentachlo...	8.710	9.509	42151.5E6	29447.2E6	793.905	741.921
11) T	2,4,5-TP ...	9.286	9.893	15766.9E6	10780.6E6	751.747	716.113
12) T	2,4,5-T	9.584	10.323	14355.6E6	9398.0E6	784.536	698.374
13) T	2,4-DB	10.160	10.892	1586.4E6	661.4E6	680.040m	618.072
14) T	DINOSEB	11.355	11.266	11764.1E6	7829.0E6	815.664	805.391
15) T	Picloram	11.185	12.388	14090.4E6	17326.7E6	782.316	731.602
16) T	DCPA	11.653	12.307	20643.8E6	17639.1E6	766.008	731.790

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

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Acq On : 18 Sep 2025 10:37
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

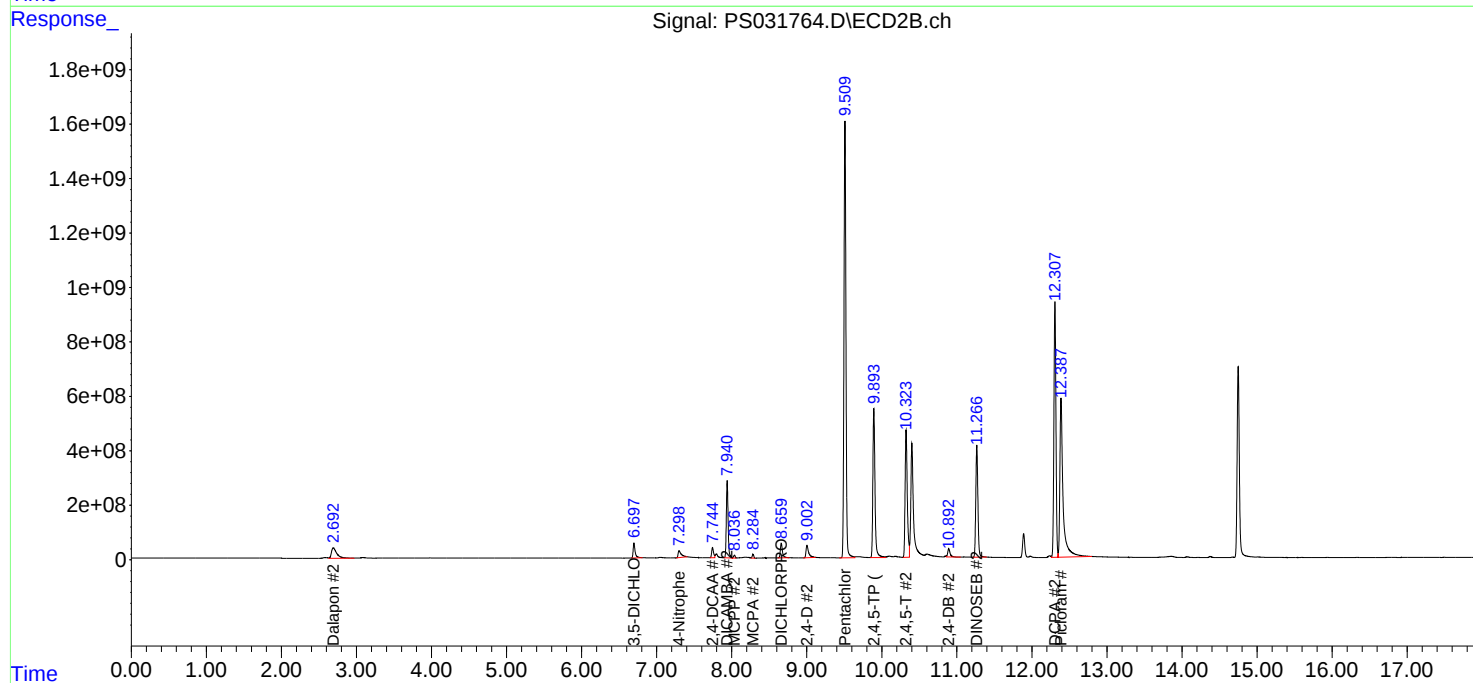
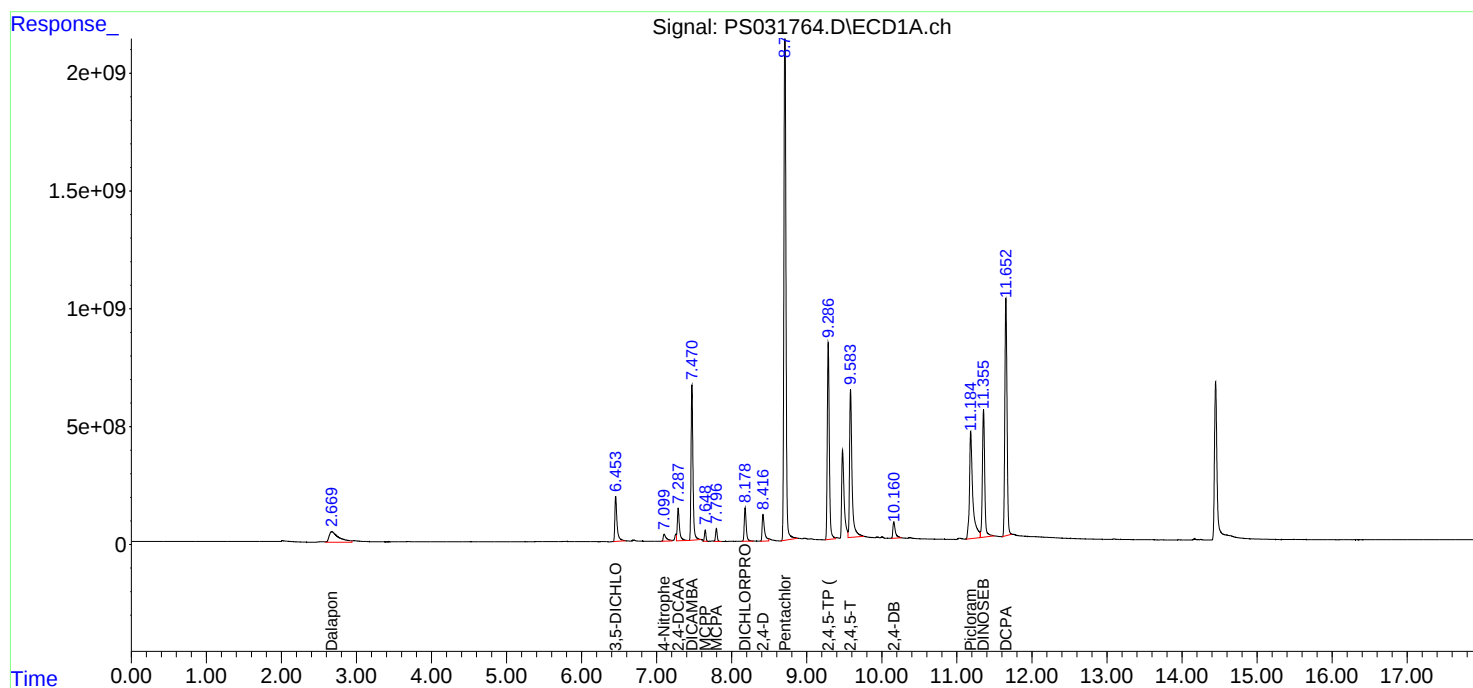
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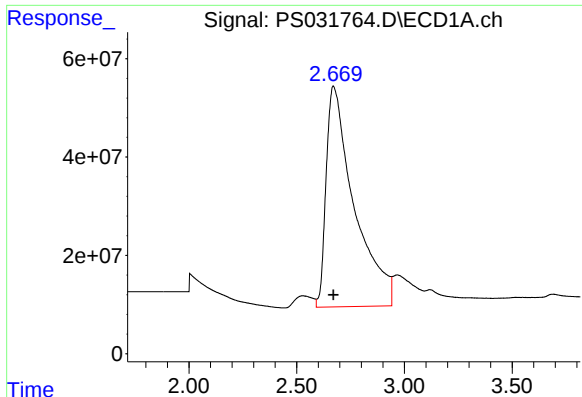
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 02:22:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
Quant Title : 8080.M
QLast Update : Tue Sep 09 13:56:38 2025
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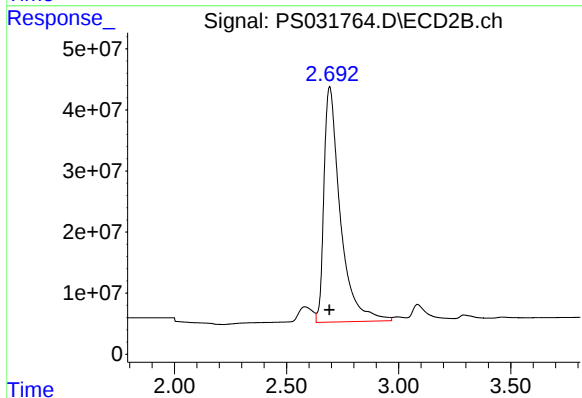
#1 Dalapon

R.T.: 2.669 min
Delta R.T.: -0.002 min
Response: 4053226802
Conc: 701.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

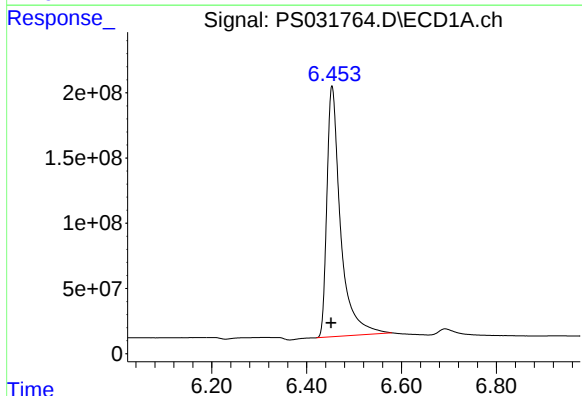
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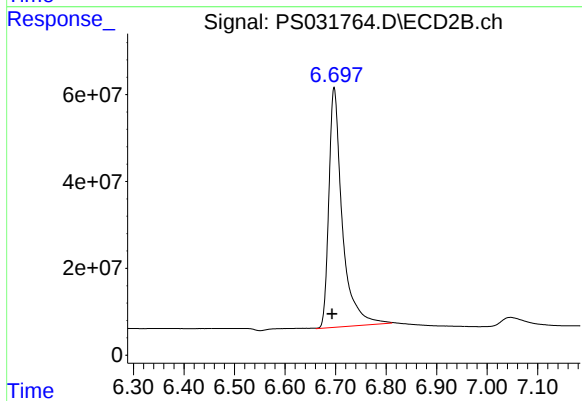
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: 0.000 min
Response: 1954018683
Conc: 693.50 ng/ml



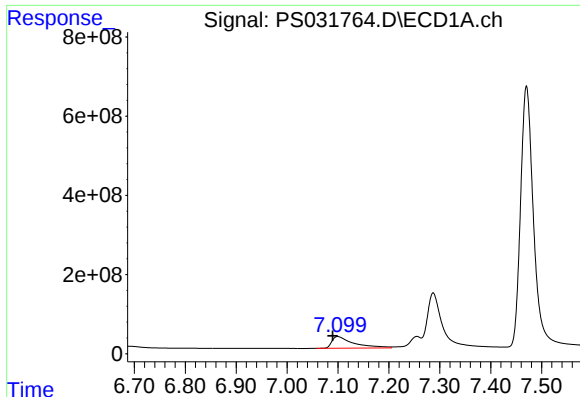
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: 0.002 min
Response: 3849505340
Conc: 721.78 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.697 min
Delta R.T.: 0.004 min
Response: 1021950492
Conc: 670.15 ng/ml m



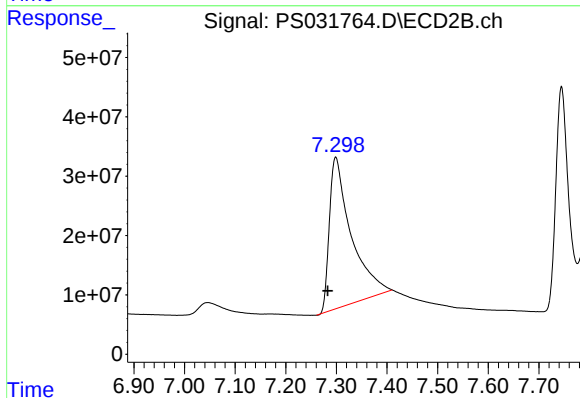
#3 4-Nitrophenol

R.T.: 7.099 min
Delta R.T.: 0.010 min
Response: 875023885
Conc: 793.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

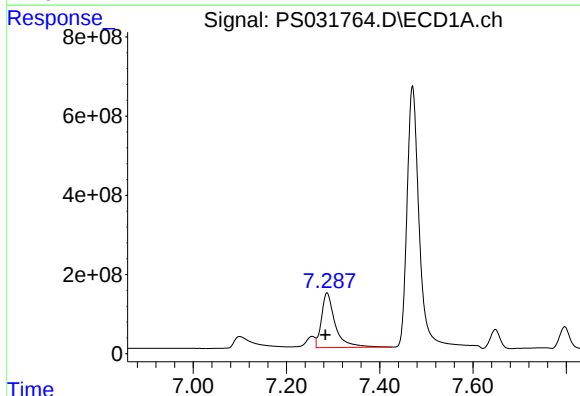
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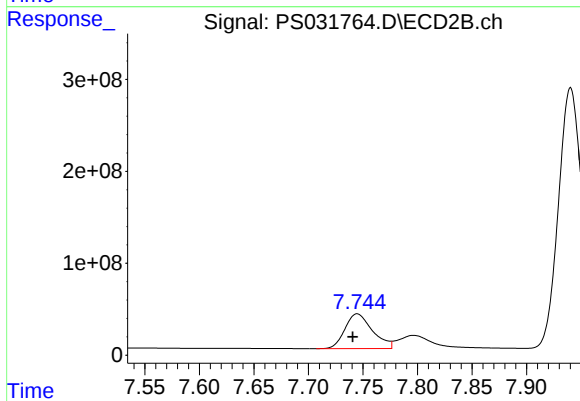
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: 0.016 min
Response: 766022406
Conc: 606.61 ng/ml



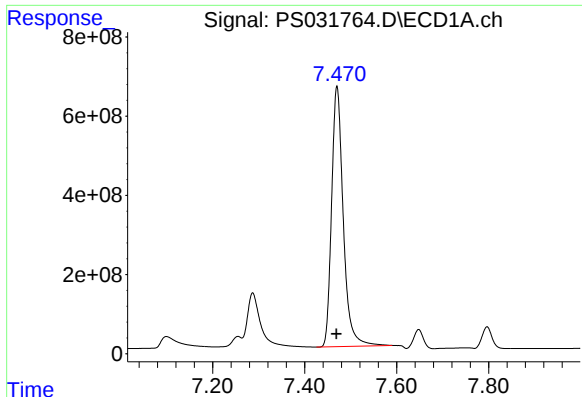
#4 2,4-DCAA

R.T.: 7.287 min
Delta R.T.: 0.004 min
Response: 2812796848
Conc: 781.00 ng/ml



#4 2,4-DCAA

R.T.: 7.745 min
Delta R.T.: 0.004 min
Response: 663658117
Conc: 730.18 ng/ml



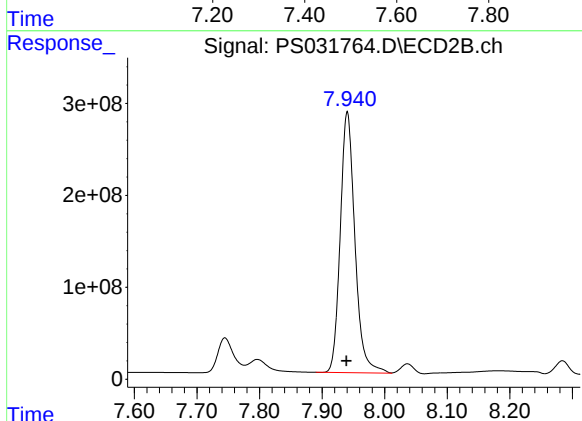
#5 DICAMBA

R.T.: 7.470 min
Delta R.T.: 0.001 min
Response: 11568560379
Conc: 741.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

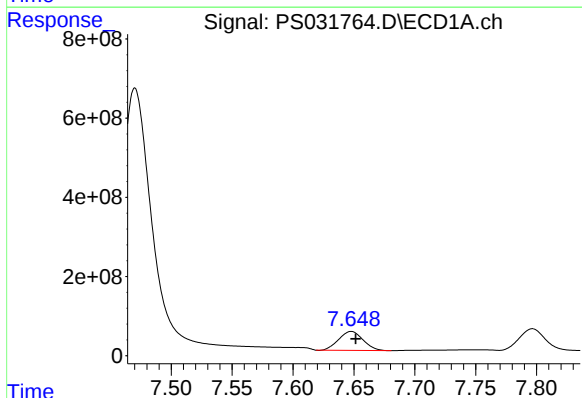
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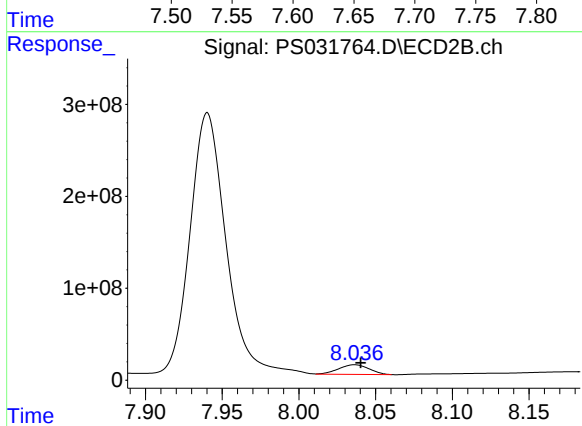
#5 DICAMBA

R.T.: 7.940 min
Delta R.T.: 0.002 min
Response: 4627522029
Conc: 711.18 ng/ml



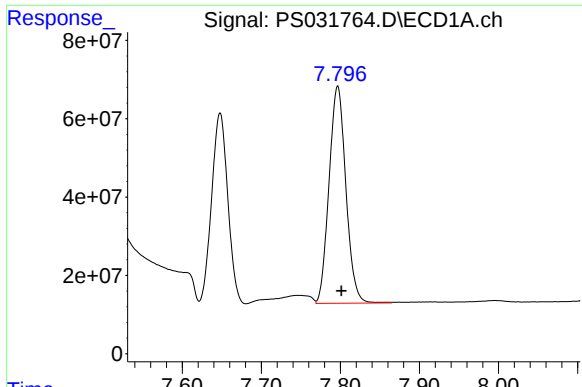
#6 MCP

R.T.: 7.648 min
Delta R.T.: -0.004 min
Response: 664620264
Conc: 74.35 ug/ml



#6 MCP

R.T.: 8.036 min
Delta R.T.: -0.004 min
Response: 145320769
Conc: 77.16 ug/ml



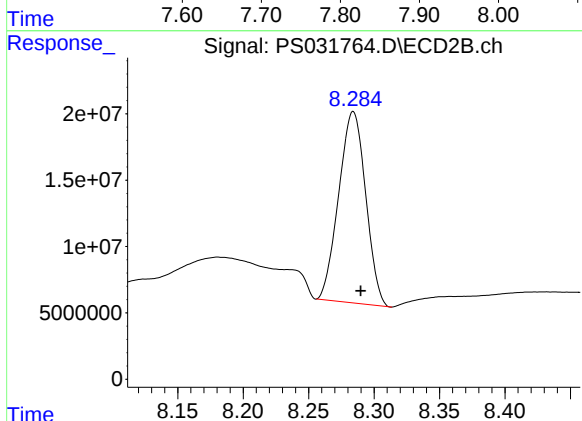
#7 MCPA

R.T.: 7.797 min
Delta R.T.: -0.005 min
Response: 818984612
Conc: 73.71 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

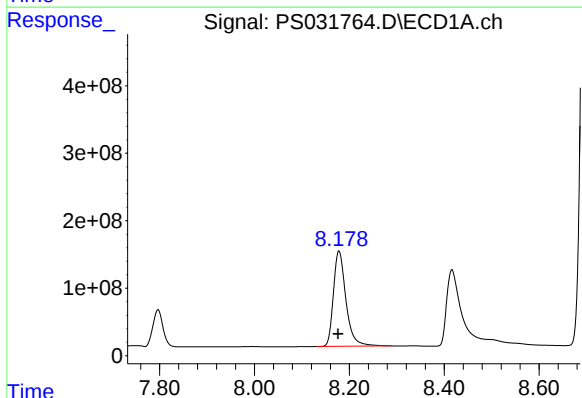
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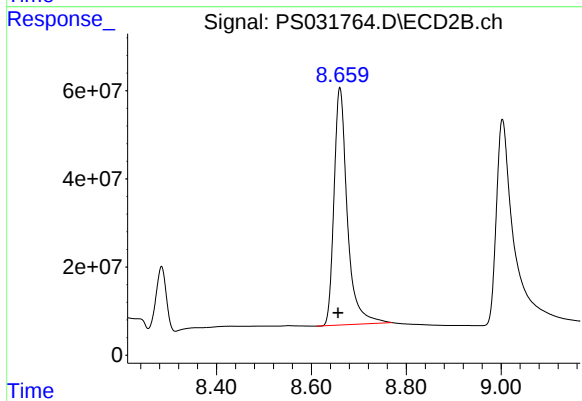
#7 MCPA

R.T.: 8.284 min
Delta R.T.: -0.006 min
Response: 206666914
Conc: 73.78 ug/ml



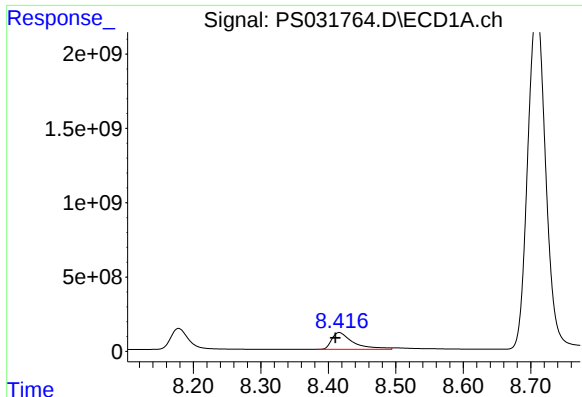
#8 DICHLORPROP

R.T.: 8.178 min
Delta R.T.: 0.002 min
Response: 2586159088
Conc: 726.09 ng/ml



#8 DICHLORPROP

R.T.: 8.660 min
Delta R.T.: 0.004 min
Response: 1048620948
Conc: 720.67 ng/ml



#9 2,4-D

R.T.: 8.416 min
Delta R.T.: 0.005 min
Response: 2509263631
Conc: 732.49 ng/ml

Instrument :

ECD_S

ClientSampleId :

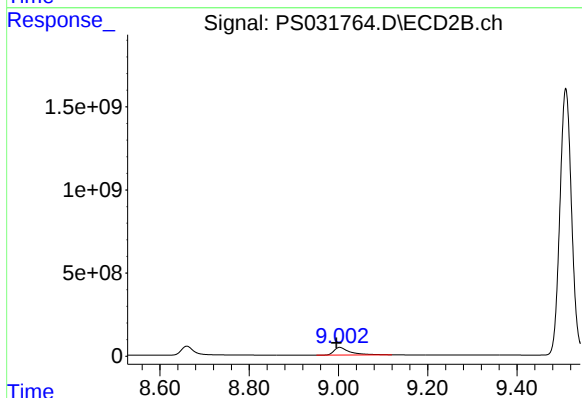
HSTDCCC750

Manual Integrations

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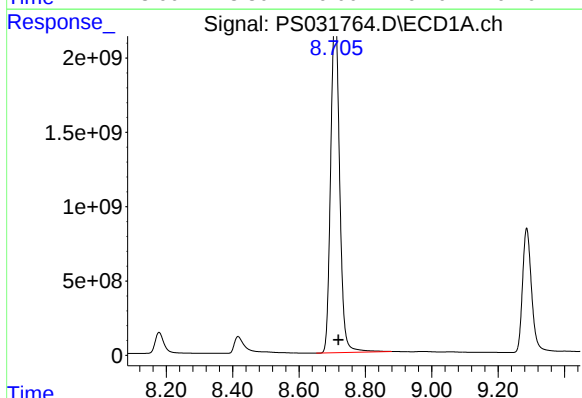
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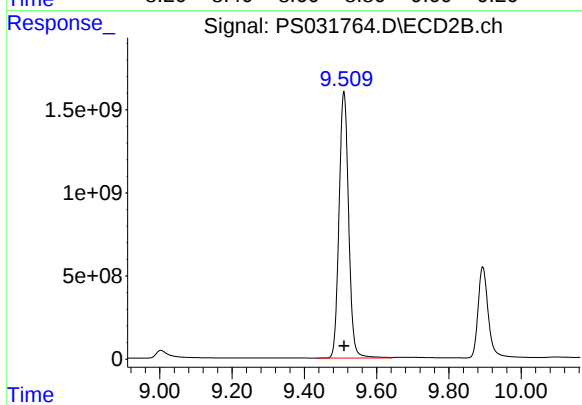
#9 2,4-D

R.T.: 9.003 min
Delta R.T.: 0.007 min
Response: 1128063229
Conc: 685.71 ng/ml



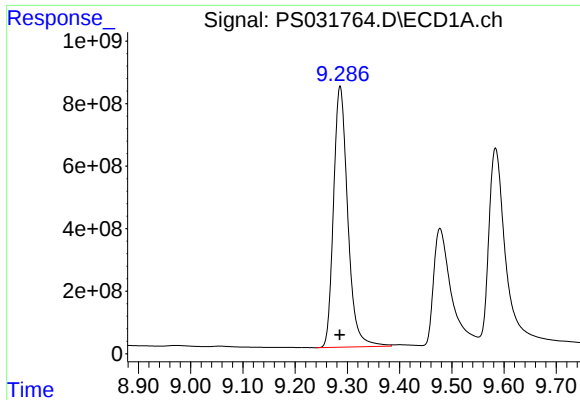
#10 Pentachlorophenol

R.T.: 8.710 min
Delta R.T.: -0.009 min
Response: 42151478528
Conc: 793.91 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: 0.000 min
Response: 29447249847
Conc: 741.92 ng/ml



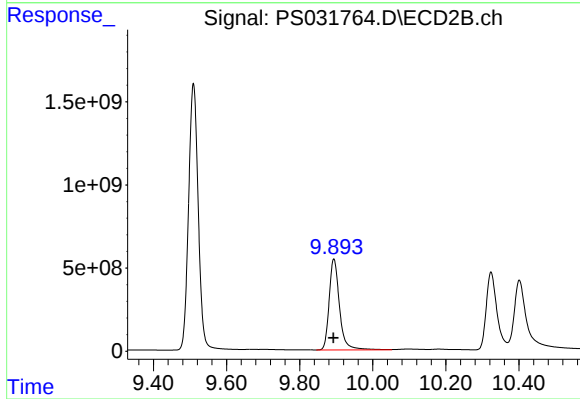
#11 2,4,5-TP (SILVEX)

R.T.: 9.286 min
Delta R.T.: 0.000 min
Response: 15766904263
Conc: 751.75 ng/ml

Instrument :
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ClientSampleId :
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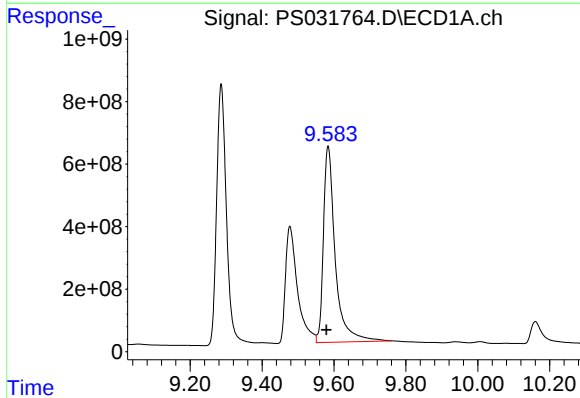
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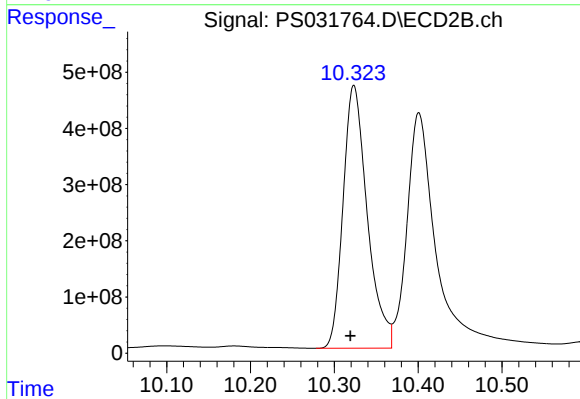
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: 0.002 min
Response: 10780598451
Conc: 716.11 ng/ml



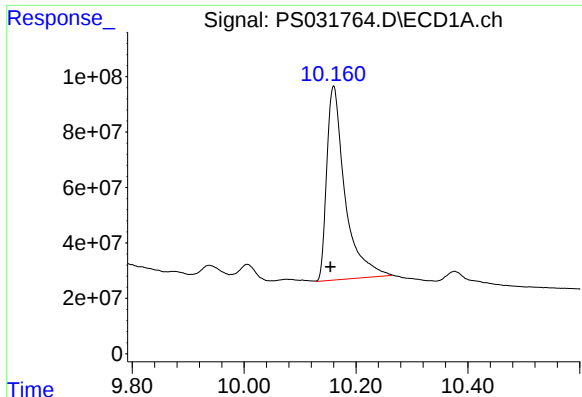
#12 2,4,5-T

R.T.: 9.584 min
Delta R.T.: 0.004 min
Response: 14355573278
Conc: 784.54 ng/ml



#12 2,4,5-T

R.T.: 10.323 min
Delta R.T.: 0.004 min
Response: 9398028692
Conc: 698.37 ng/ml



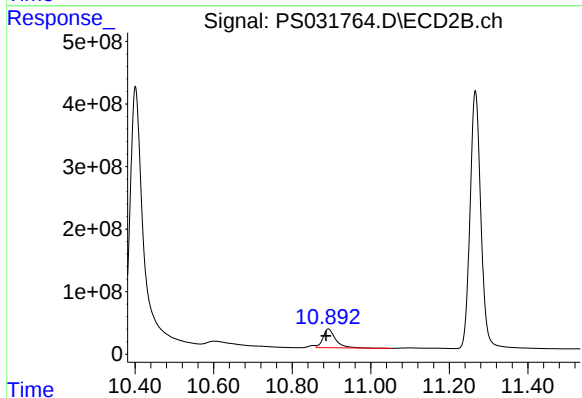
#13 2,4-DB

R.T.: 10.160 min
Delta R.T.: 0.005 min
Response: 1586373752
Conc: 680.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

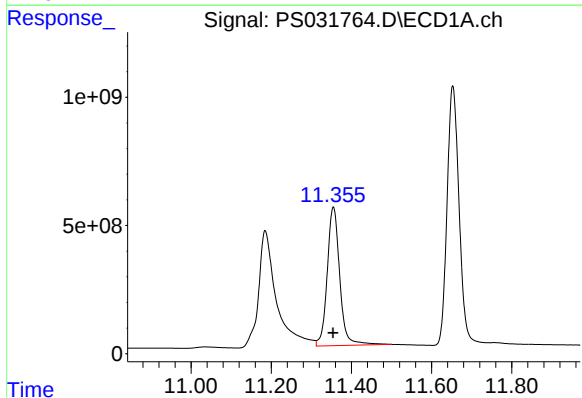
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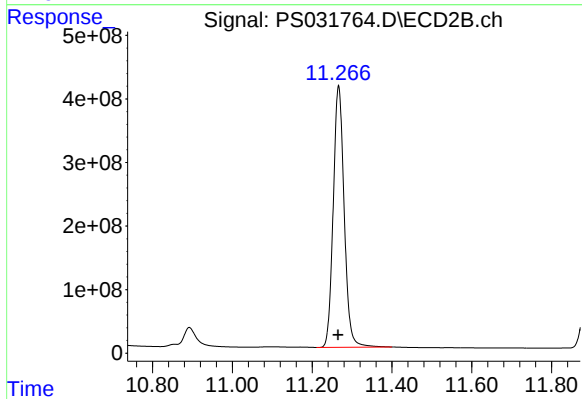
#13 2,4-DB

R.T.: 10.892 min
Delta R.T.: 0.005 min
Response: 661364832
Conc: 618.07 ng/ml



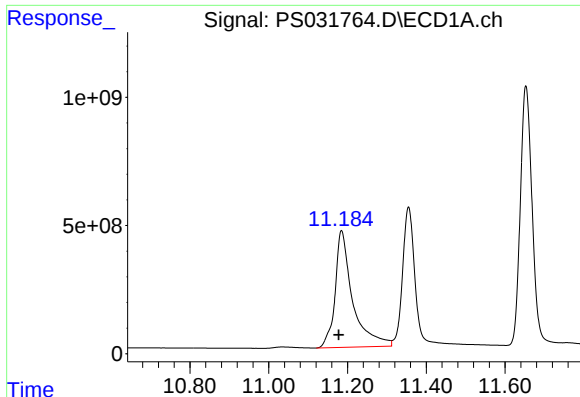
#14 DINOSEB

R.T.: 11.355 min
Delta R.T.: 0.000 min
Response: 11764065454
Conc: 815.66 ng/ml



#14 DINOSEB

R.T.: 11.266 min
Delta R.T.: 0.000 min
Response: 7828953076
Conc: 805.39 ng/ml



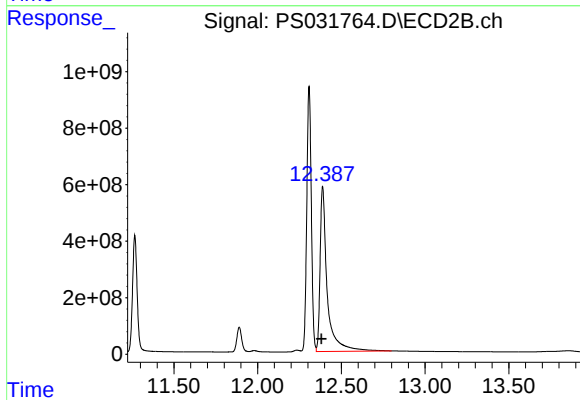
#15 Picloram

R.T.: 11.185 min
Delta R.T.: 0.007 min
Response: 14090359752
Conc: 782.32 ng/ml

Instrument :
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ClientSampleId :
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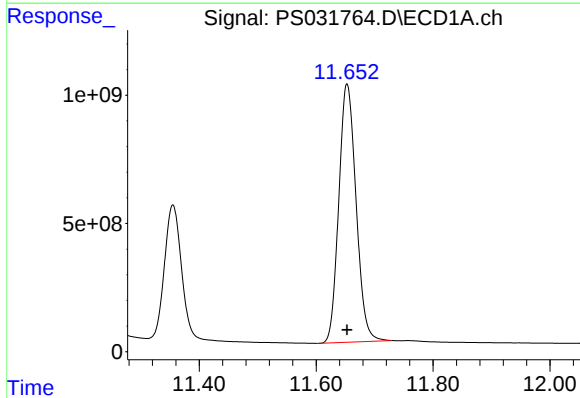
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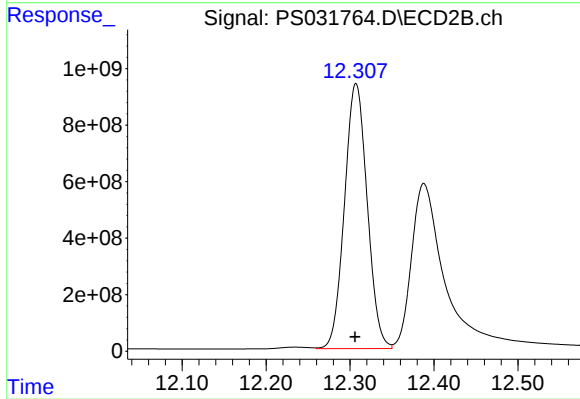
#15 Picloram

R.T.: 12.388 min
Delta R.T.: 0.008 min
Response: 17326709760
Conc: 731.60 ng/ml



#16 DCPA

R.T.: 11.653 min
Delta R.T.: 0.000 min
Response: 20643833427
Conc: 766.01 ng/ml



#16 DCPA

R.T.: 12.307 min
Delta R.T.: 0.001 min
Response: 17639138957
Conc: 731.79 ng/ml