

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060525\
 Data File : PS030529.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jun 2025 10:46
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/06/2025
 Supervised By : mohammad ahmed 06/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 06 01:20:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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 x 0.5 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	7.361	7.771	2811.1E6	785.9E6	744.640m	730.657
Target Compounds							
1) T	Dalapon	2.716	2.711	3834.2E6	1814.4E6	678.987	662.190
2) T	3,5-DICHL...	6.518	6.714	3822.3E6	1083.8E6	704.390	692.856
3) T	4-Nitroph...	7.161	7.301	1216.5E6	1089.4E6	663.413	695.129
5) T	DICAMBA	7.553	7.974	11116.5E6	4599.1E6	720.794	713.967
6) T	MCP	7.736	8.074	752.6E6	166.9E6	75.981m	72.200
7) T	MCPA	7.887	8.323	873.3E6	211.4E6	68.818	68.507
8) T	DICHLORPROP	8.269	8.694	2524.2E6	1033.1E6	693.826	696.089
9) T	2,4-D	8.502	9.030	2514.6E6	1117.4E6	690.151	710.696
10) T	Pentachlo...	8.811	9.556	39188.0E6	26577.2E6	771.627	735.436
11) T	2,4,5-TP ...	9.393	9.937	14896.8E6	9845.8E6	720.868	717.797
12) T	2,4,5-T	9.688	10.362	12834.7E6	9318.2E6	696.364	713.646
13) T	2,4-DB	10.268	10.930	1989.5E6	803.2E6	655.239	698.673
14) T	DINOSEB	11.490	11.316	10324.6E6	7200.9E6	718.237	716.504
15) T	Picloram	11.296	12.423	12720.8E6	15574.8E6	635.890m	705.256
16) T	DCPA	11.786	12.360	19356.6E6	14552.1E6	732.091	711.144m

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

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Operator : AR\AJ
Sample : HSTDCCC750
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ALS Vial : 3 Sample Multiplier: 1

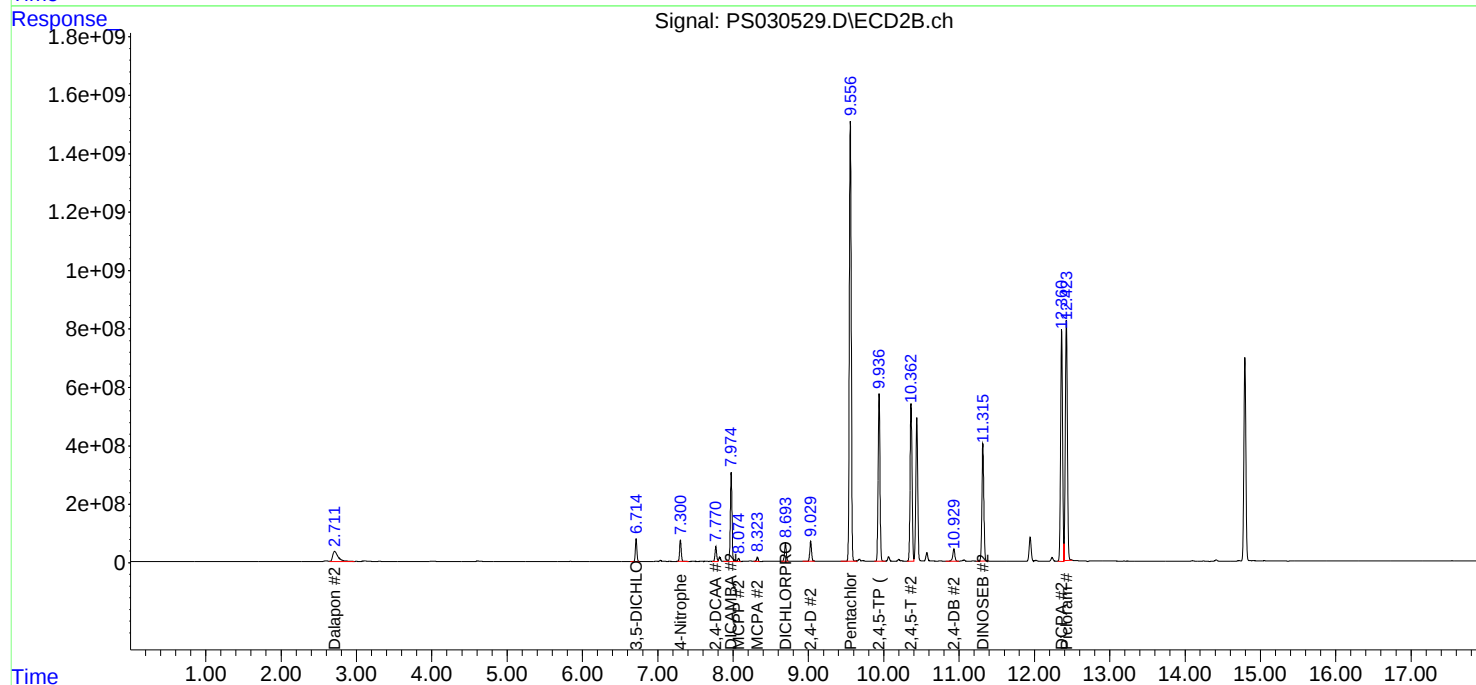
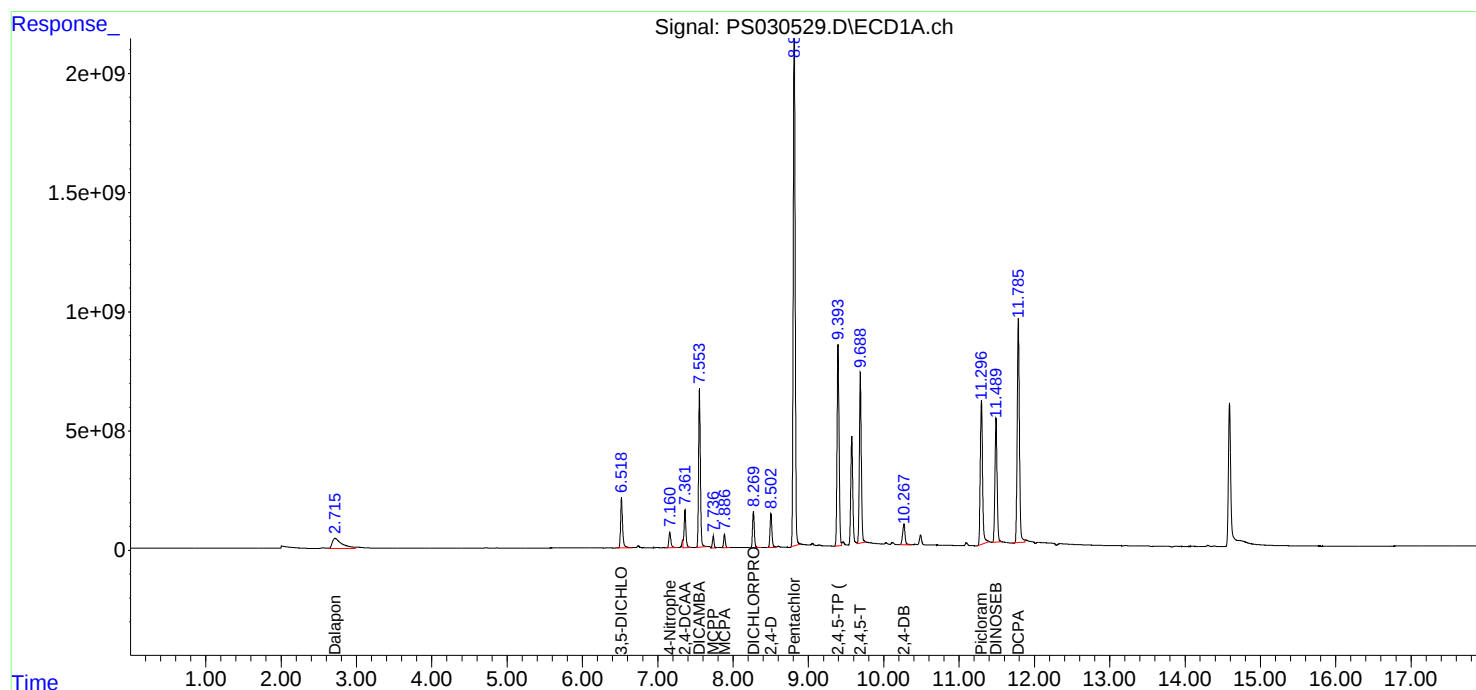
Instrument :
ECD_S
ClientSampleId :
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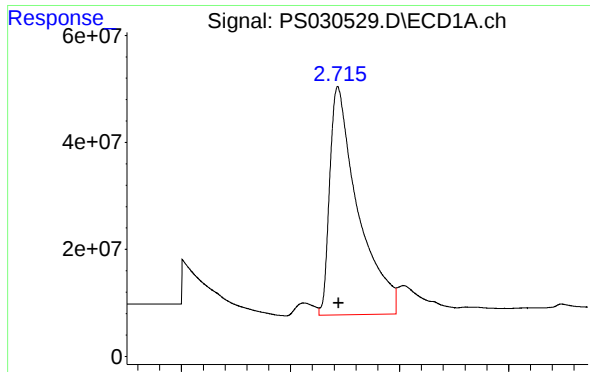
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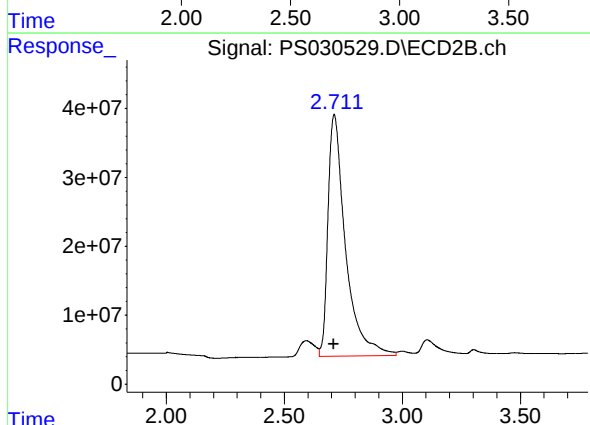
#1 Dalapon

R.T.: 2.716 min
Delta R.T.: -0.004 min
Response: 3834221100
Conc: 678.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

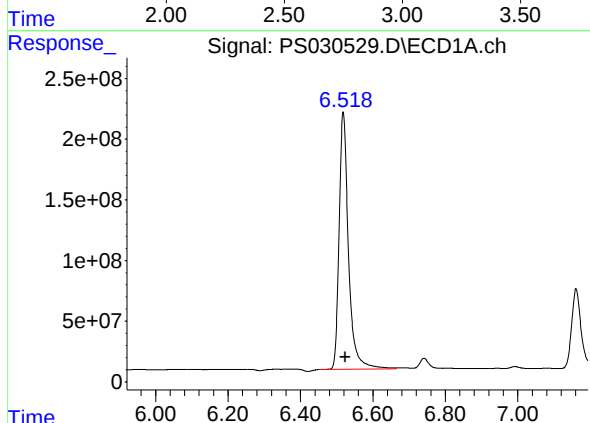
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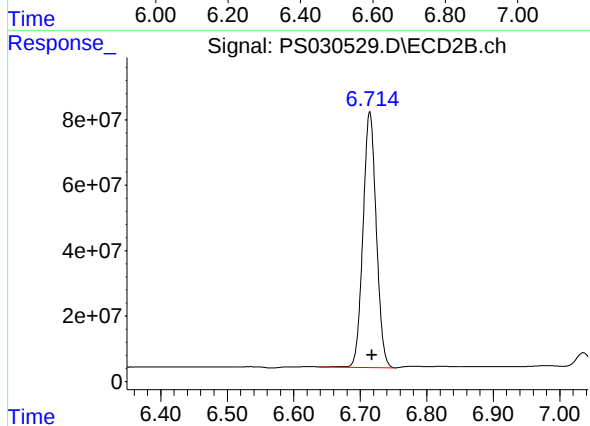
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: 0.000 min
Response: 1814409413
Conc: 662.19 ng/ml



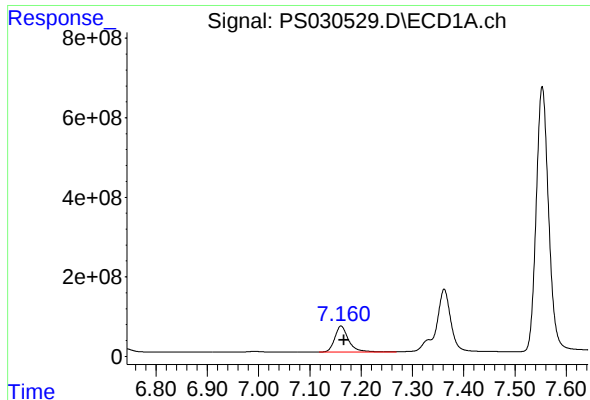
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.518 min
Delta R.T.: -0.006 min
Response: 3822264031
Conc: 704.39 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: -0.003 min
Response: 1083798189
Conc: 692.86 ng/ml



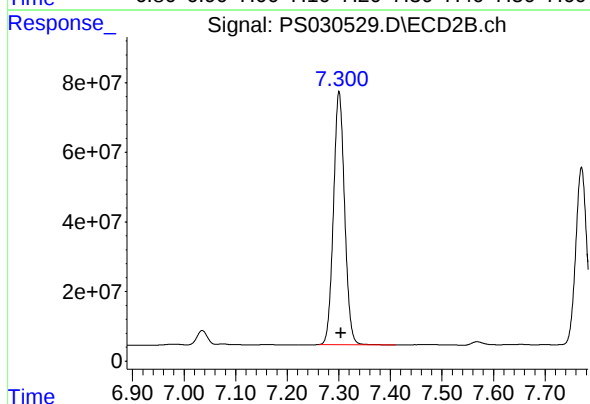
#3 4-Nitrophenol

R.T.: 7.161 min
Delta R.T.: -0.006 min
Response: 1216536788
Conc: 663.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

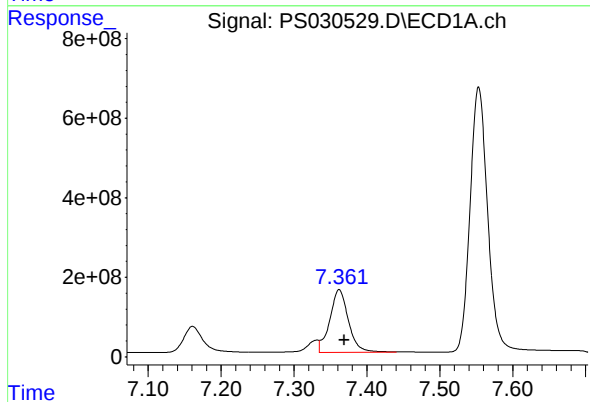
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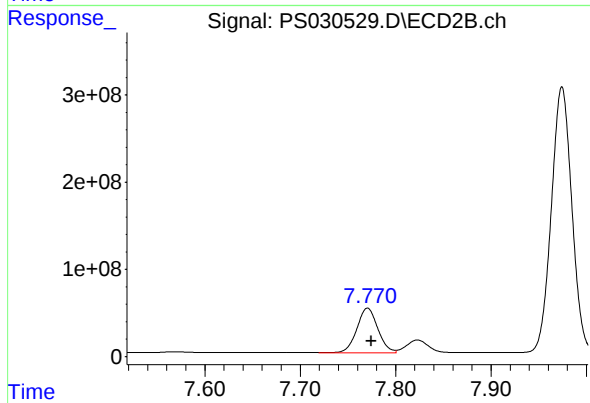
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: -0.003 min
Response: 1089436482
Conc: 695.13 ng/ml



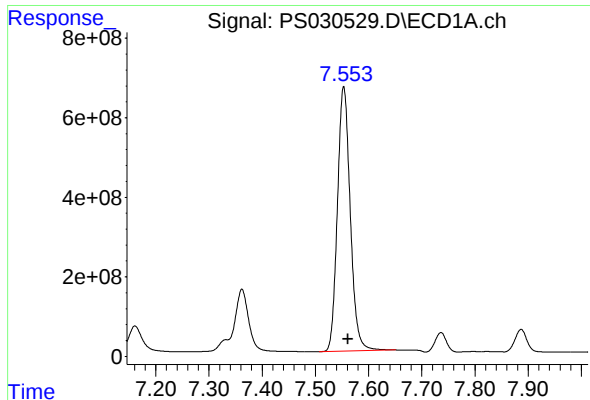
#4 2,4-DCAA

R.T.: 7.361 min
Delta R.T.: -0.008 min
Response: 2811125468
Conc: 744.64 ng/ml m



#4 2,4-DCAA

R.T.: 7.771 min
Delta R.T.: -0.004 min
Response: 785901740
Conc: 730.66 ng/ml



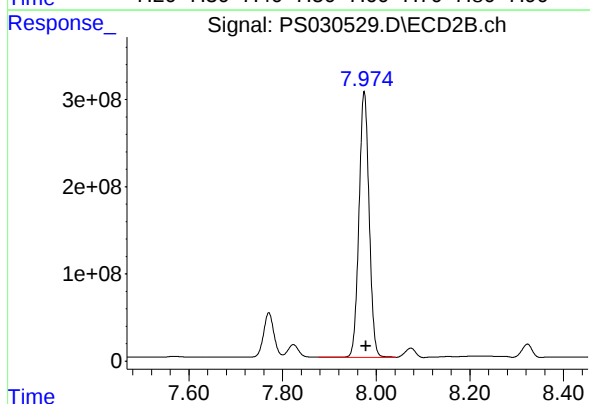
#5 DICAMBA

R.T.: 7.553 min
Delta R.T.: -0.008 min
Response: 11116474167
Conc: 720.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

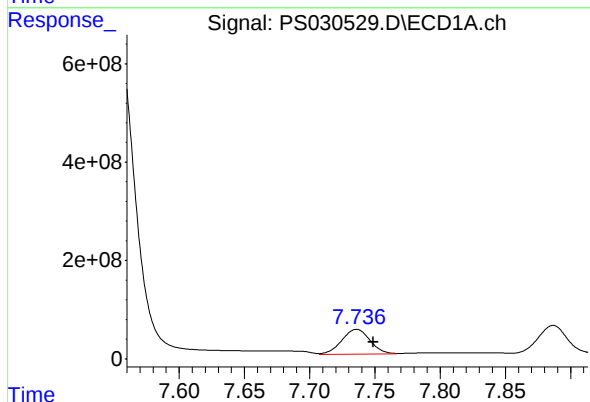
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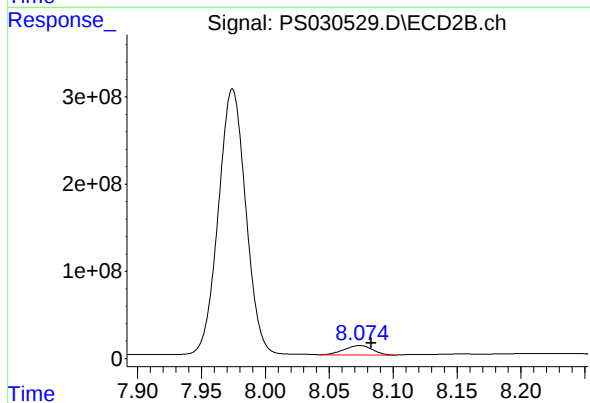
#5 DICAMBA

R.T.: 7.974 min
Delta R.T.: -0.004 min
Response: 4599126569
Conc: 713.97 ng/ml



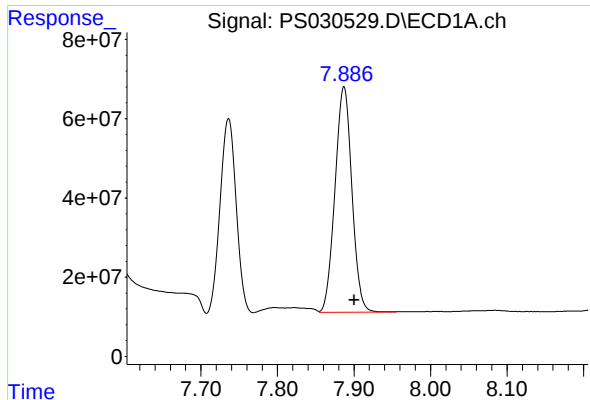
#6 MCPP

R.T.: 7.736 min
Delta R.T.: -0.013 min
Response: 752589644
Conc: 75.98 ug/ml m



#6 MCPP

R.T.: 8.074 min
Delta R.T.: -0.009 min
Response: 166896264
Conc: 72.20 ug/ml



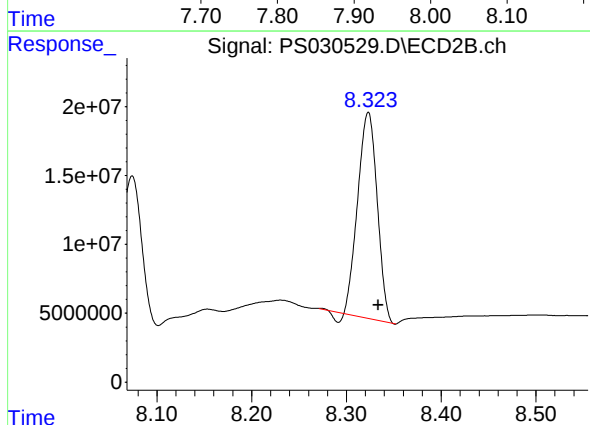
#7 MCPA

R.T.: 7.887 min
Delta R.T.: -0.014 min
Response: 873264812
Conc: 68.82 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

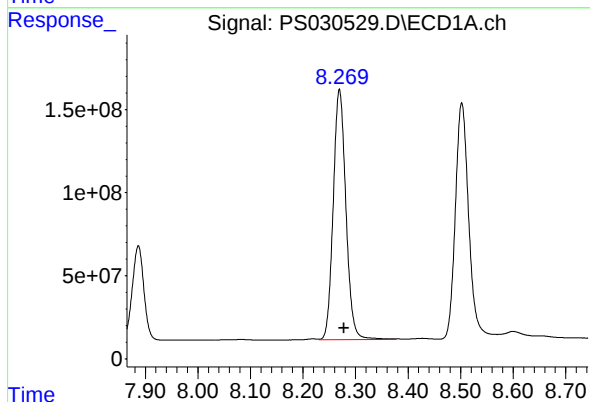
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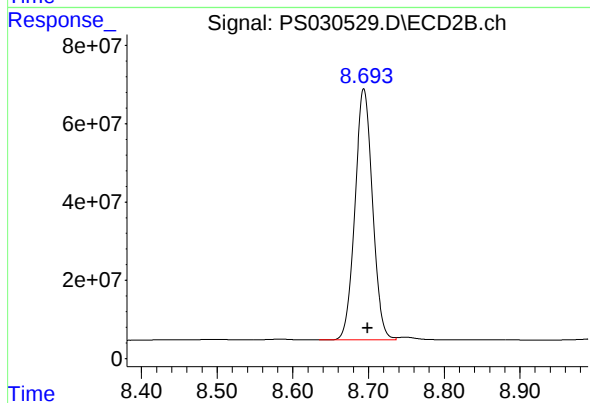
#7 MCPA

R.T.: 8.323 min
Delta R.T.: -0.011 min
Response: 211407455
Conc: 68.51 ug/ml



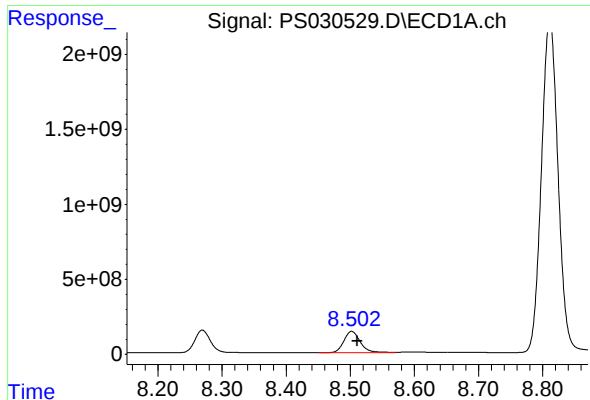
#8 DICHLORPROP

R.T.: 8.269 min
Delta R.T.: -0.009 min
Response: 2524239685
Conc: 693.83 ng/ml



#8 DICHLORPROP

R.T.: 8.694 min
Delta R.T.: -0.005 min
Response: 1033138558
Conc: 696.09 ng/ml



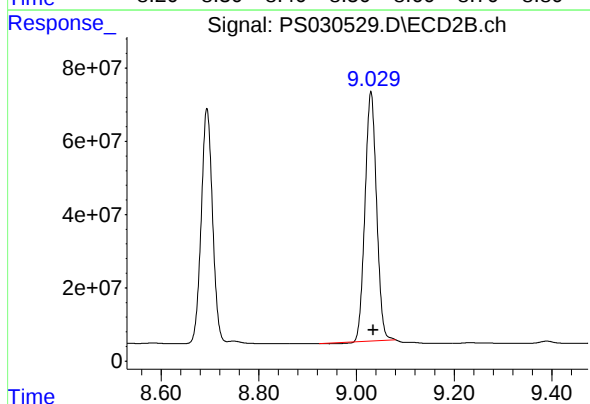
#9 2,4-D

R.T.: 8.502 min
Delta R.T.: -0.009 min
Response: 2514642501
Conc: 690.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

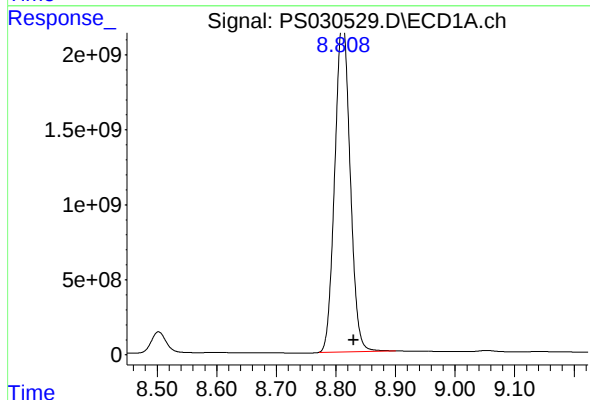
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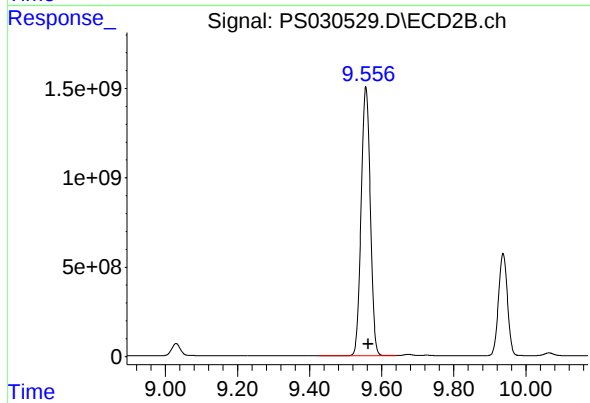
#9 2,4-D

R.T.: 9.030 min
Delta R.T.: -0.005 min
Response: 1117441575
Conc: 710.70 ng/ml



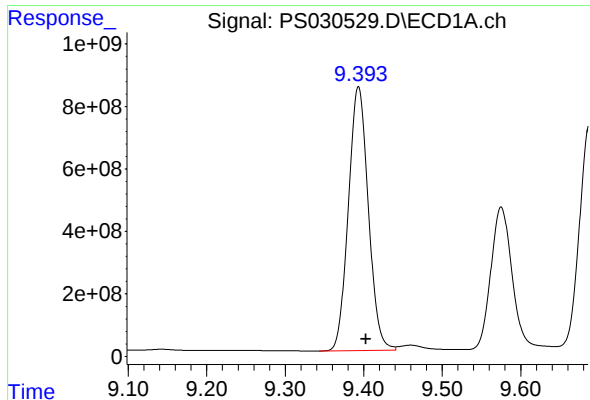
#10 Pentachlorophenol

R.T.: 8.811 min
Delta R.T.: -0.018 min
Response: 39188010767
Conc: 771.63 ng/ml



#10 Pentachlorophenol

R.T.: 9.556 min
Delta R.T.: -0.007 min
Response: 26577207125
Conc: 735.44 ng/ml



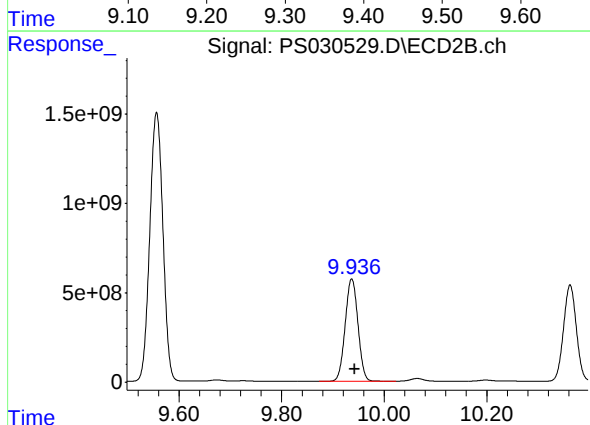
#11 2,4,5-TP (SILVEX)

R.T.: 9.393 min
Delta R.T.: -0.010 min
Response: 14896796629
Conc: 720.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

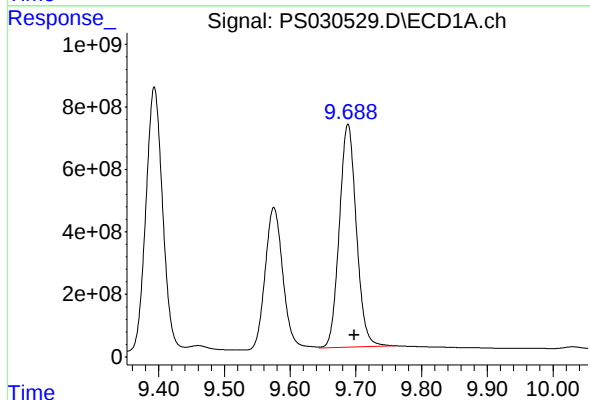
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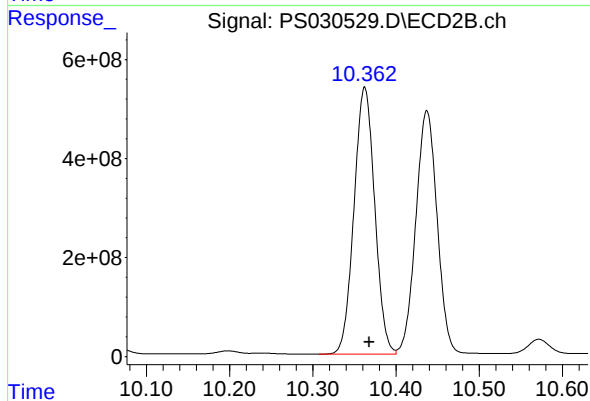
#11 2,4,5-TP (SILVEX)

R.T.: 9.937 min
Delta R.T.: -0.006 min
Response: 9845835939
Conc: 717.80 ng/ml



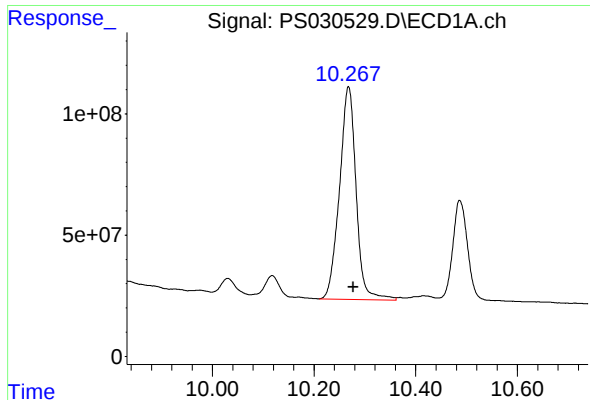
#12 2,4,5-T

R.T.: 9.688 min
Delta R.T.: -0.009 min
Response: 12834732881
Conc: 696.36 ng/ml



#12 2,4,5-T

R.T.: 10.362 min
Delta R.T.: -0.005 min
Response: 9318163724
Conc: 713.65 ng/ml



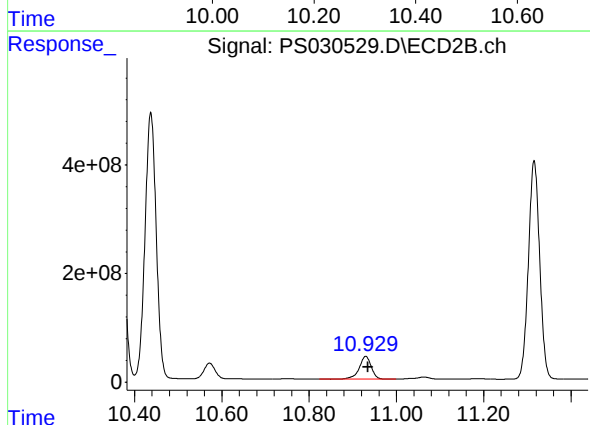
#13 2,4-DB

R.T.: 10.268 min
Delta R.T.: -0.009 min
Response: 1989543295
Conc: 655.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

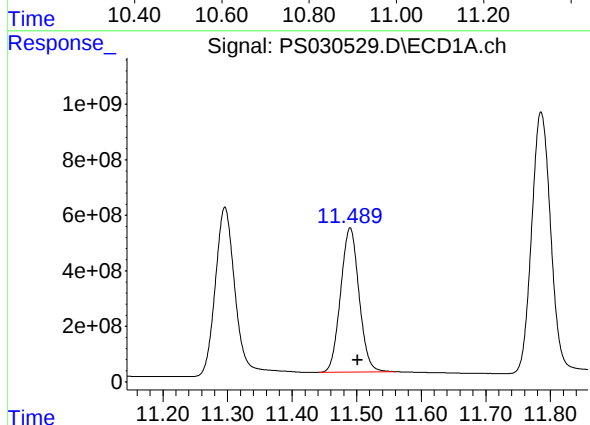
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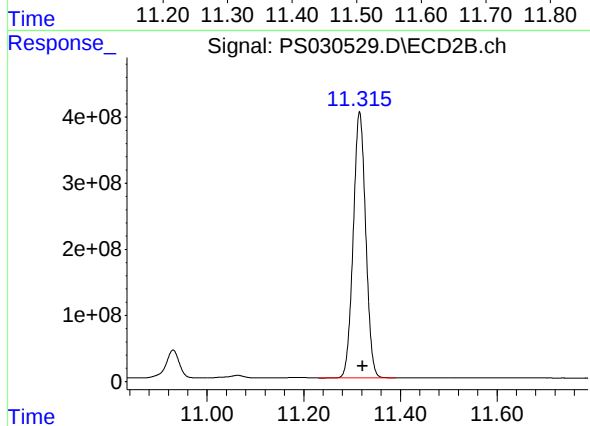
#13 2,4-DB

R.T.: 10.930 min
Delta R.T.: -0.005 min
Response: 803161679
Conc: 698.67 ng/ml



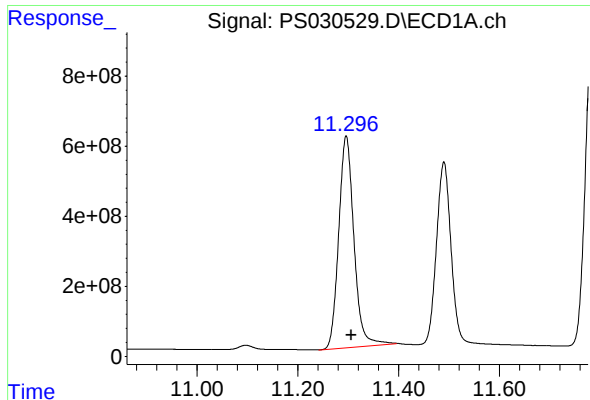
#14 DINOSEB

R.T.: 11.490 min
Delta R.T.: -0.012 min
Response: 10324611017
Conc: 718.24 ng/ml



#14 DINOSEB

R.T.: 11.316 min
Delta R.T.: -0.006 min
Response: 7200943578
Conc: 716.50 ng/ml



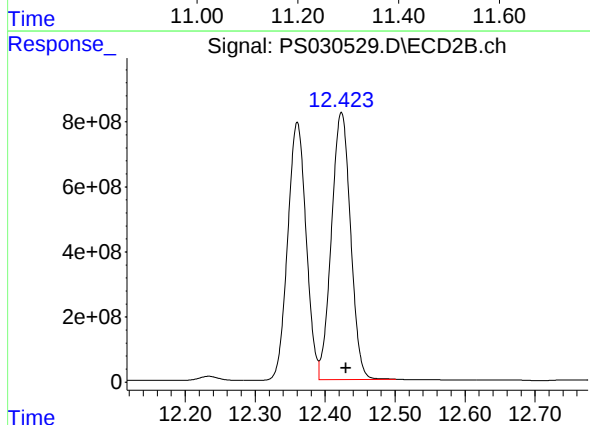
#15 Picloram

R.T.: 11.296 min
Delta R.T.: -0.011 min
Response: 12720845407
Conc: 635.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
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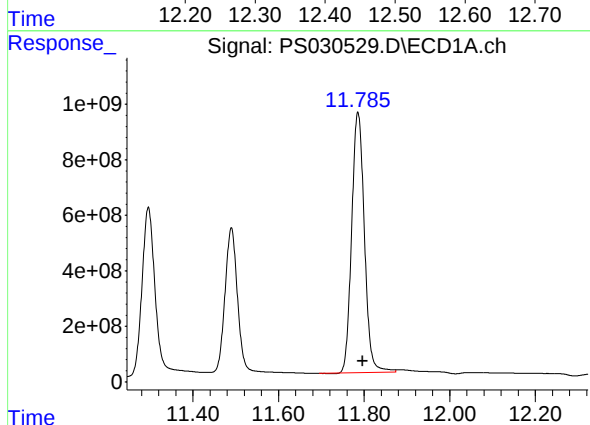
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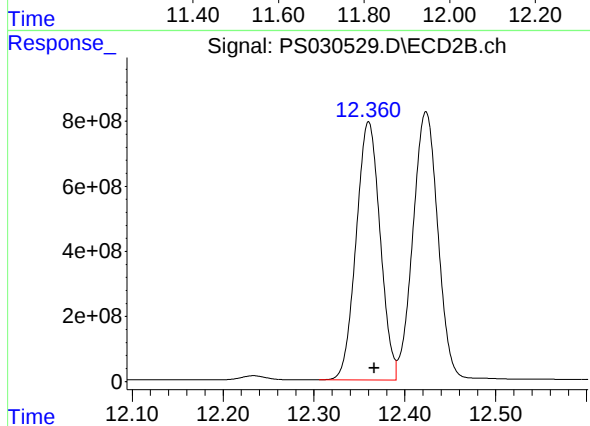
#15 Picloram

R.T.: 12.423 min
Delta R.T.: -0.006 min
Response: 15574790471
Conc: 705.26 ng/ml



#16 DCPA

R.T.: 11.786 min
Delta R.T.: -0.011 min
Response: 19356567176
Conc: 732.09 ng/ml



#16 DCPA

R.T.: 12.360 min
Delta R.T.: -0.007 min
Response: 14552100377
Conc: 711.14 ng/ml m