

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070825\
 Data File : PS030952.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 14:20
 Operator : AR\AJ
 Sample : PB168717BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168717BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/09/2025
 Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 01:37:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 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	7.337	7.770	1962.9E6	546.1E6	534.210m	509.448
Target Compounds							
1) T	Dalapon	2.706	2.711	2848.2E6	1297.9E6	477.433	473.393
2) T	3,5-DICHL...	6.498	6.715	2694.8E6	766.4E6	501.123	475.101
3) T	4-Nitroph...	7.137	7.302	786.2E6	797.3E6	498.638	459.924
5) T	DICAMBA	7.527	7.972	7813.2E6	3203.8E6	513.515m	488.896
6) T	MCPD	7.707	8.070	479.0E6	100.9E6	51.018m	48.131
7) T	MCPA	7.856	8.318	578.7E6	148.7E6	49.336	47.265
8) T	DICHLORPROP	8.240	8.692	1840.1E6	743.3E6	491.240	472.670
9) T	2,4-D	8.472	9.028	1780.0E6	786.3E6	516.790	462.680
10) T	Pentachlo...	8.779	9.553	28067.1E6	19545.0E6	530.314	512.696
11) T	2,4,5-TP ...	9.359	9.934	10634.3E6	7253.0E6	530.906	502.680
12) T	2,4,5-T	9.654	10.361	9323.4E6	6906.2E6	566.662	505.406
13) T	2,4-DB	10.231	10.929	1379.9E6	578.0E6	601.668	488.597
14) T	DINOSEB	11.448	11.314	7035.8E6	5001.4E6	507.151m	463.896
15) T	Picloram	11.259	12.424	9176.6E6	11394.5E6	570.822m	490.266
16) T	DCPA	11.745	12.358	14205.1E6	11260.9E6	554.533	510.864

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

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ALS Vial : 11 Sample Multiplier: 1

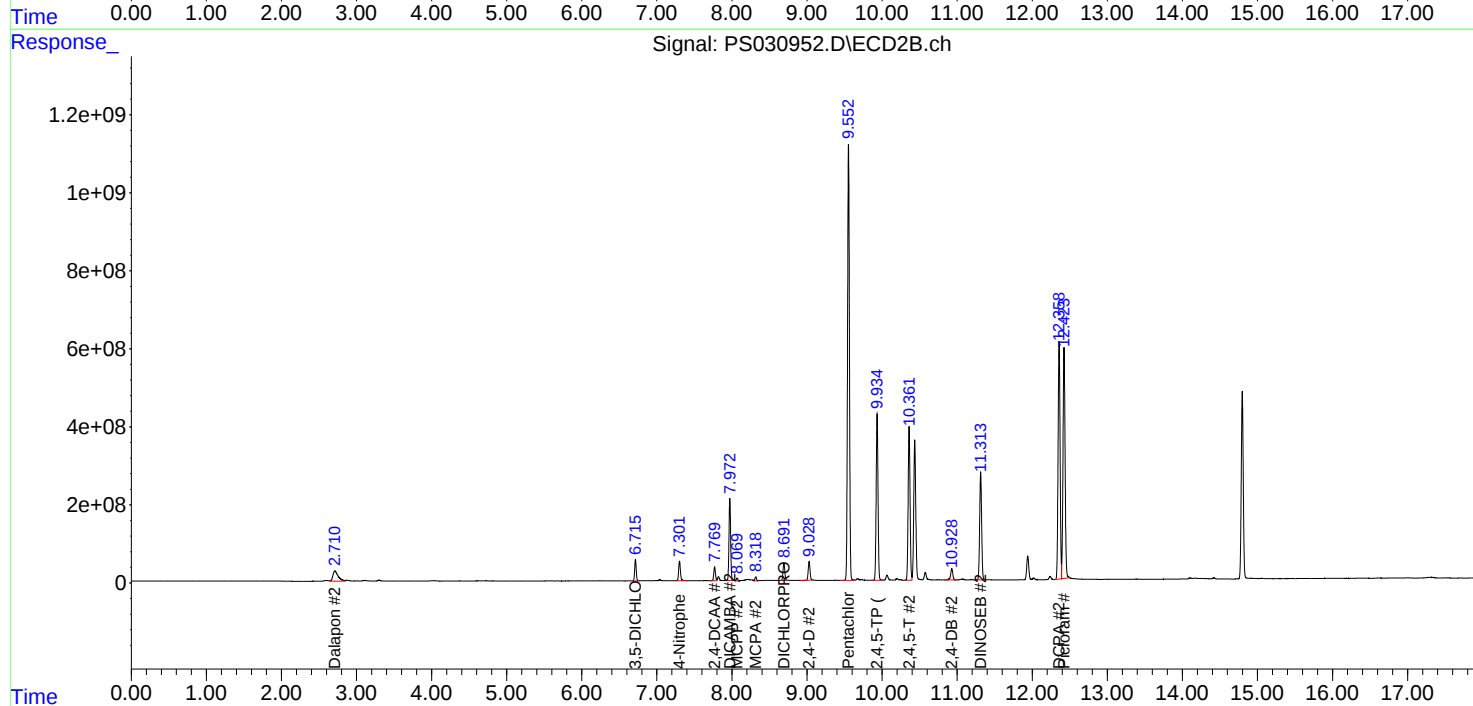
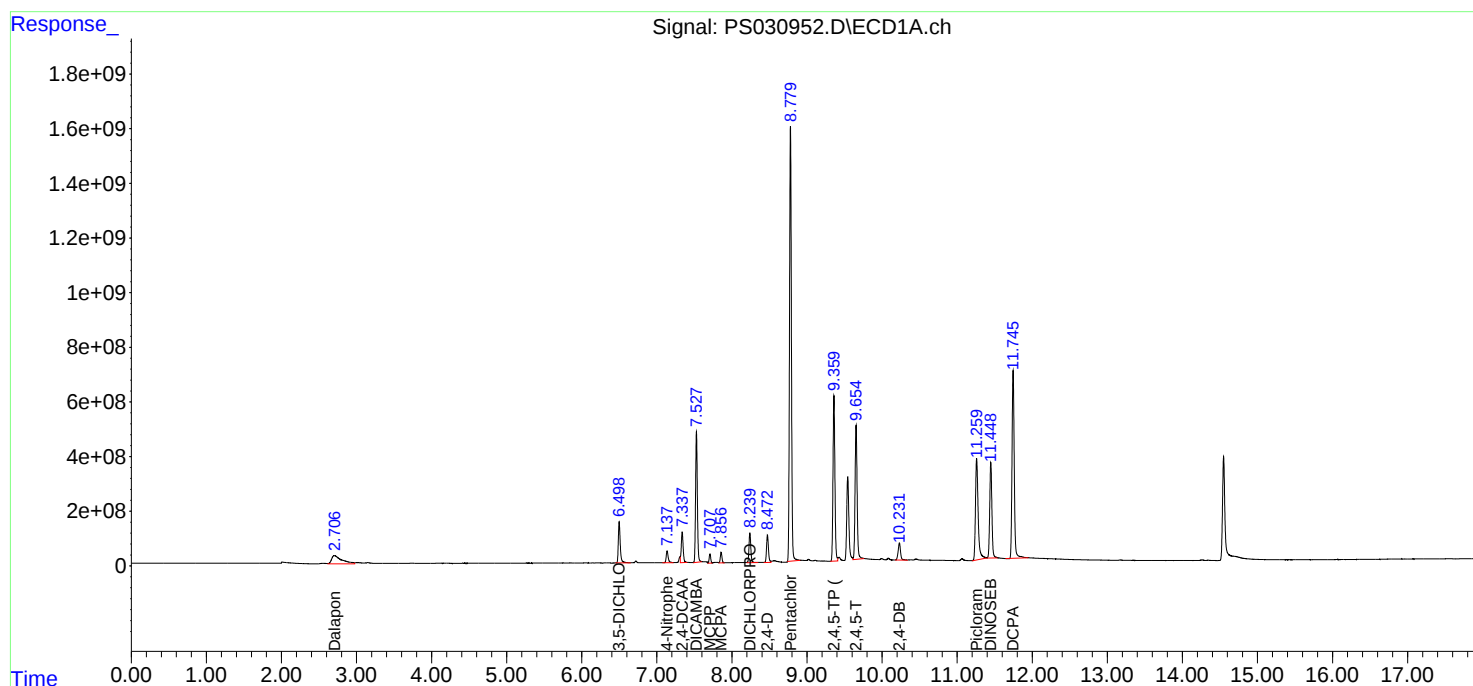
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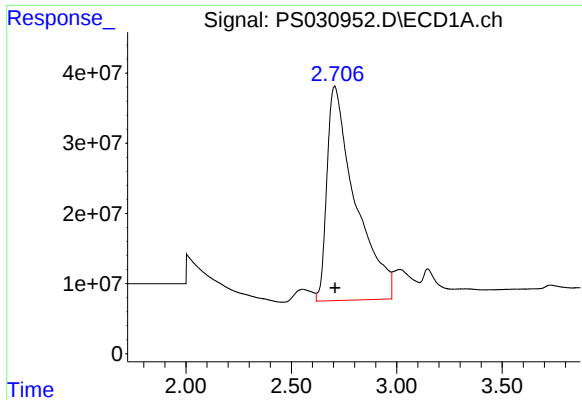
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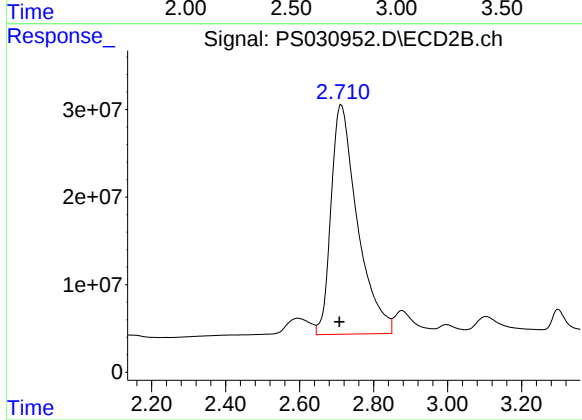
#1 Dalapon

R.T.: 2.706 min
Delta R.T.: -0.002 min
Response: 2848190385
Conc: 477.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168717BS

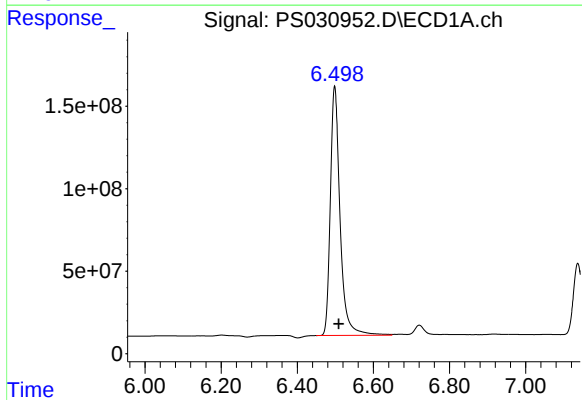
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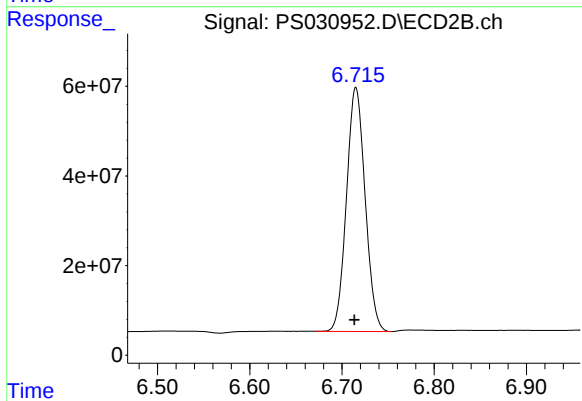
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: 0.003 min
Response: 1297922546
Conc: 473.39 ng/ml



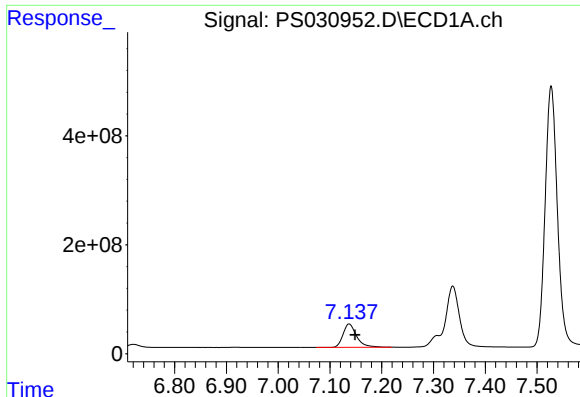
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.498 min
Delta R.T.: -0.011 min
Response: 2694812478
Conc: 501.12 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: 0.002 min
Response: 766409363
Conc: 475.10 ng/ml



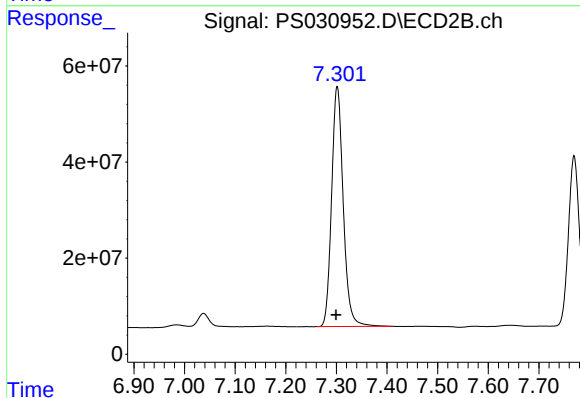
#3 4-Nitrophenol

R.T.: 7.137 min
Delta R.T.: -0.012 min
Response: 786237071
Conc: 498.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168717BS

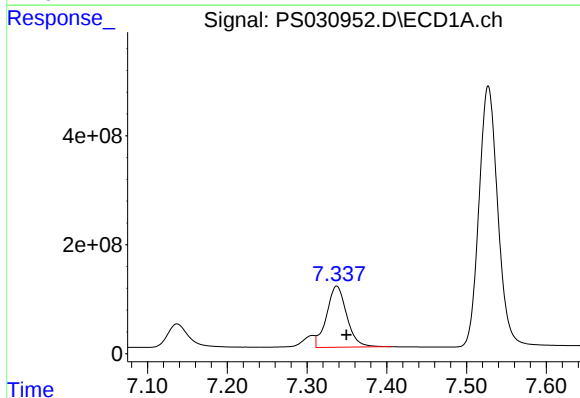
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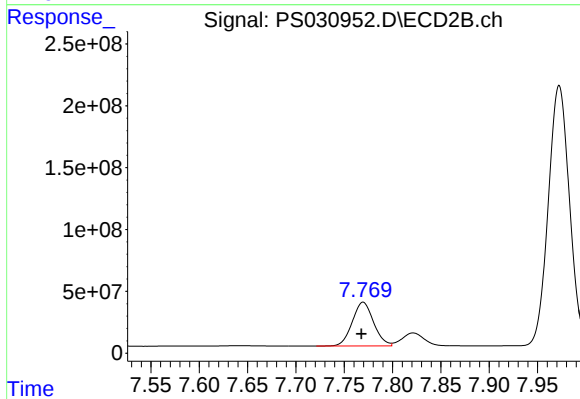
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: 0.002 min
Response: 797295295
Conc: 459.92 ng/ml



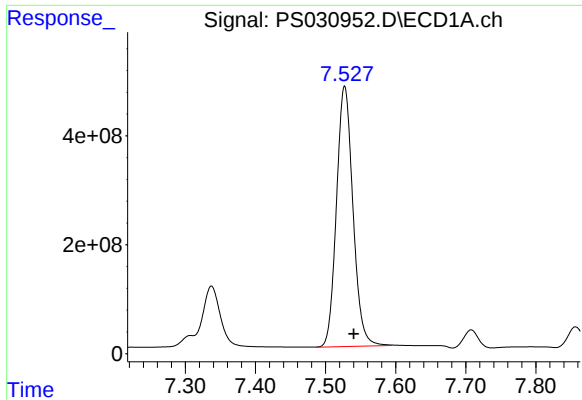
#4 2,4-DCAA

R.T.: 7.337 min
Delta R.T.: -0.013 min
Response: 1962896684
Conc: 534.21 ng/ml m



#4 2,4-DCAA

R.T.: 7.770 min
Delta R.T.: 0.002 min
Response: 546110112
Conc: 509.45 ng/ml



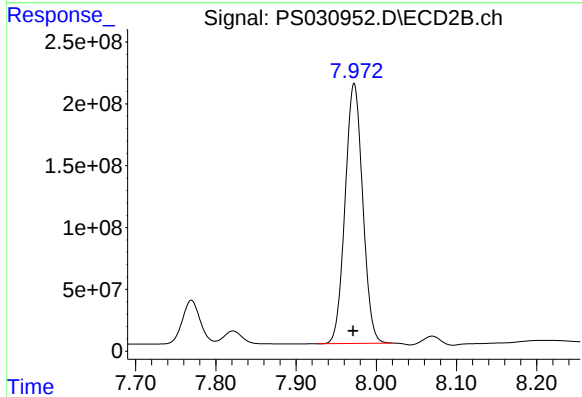
#5 DICAMBA

R.T.: 7.527 min
Delta R.T.: -0.014 min
Response: 7813179801
Conc: 513.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168717BS

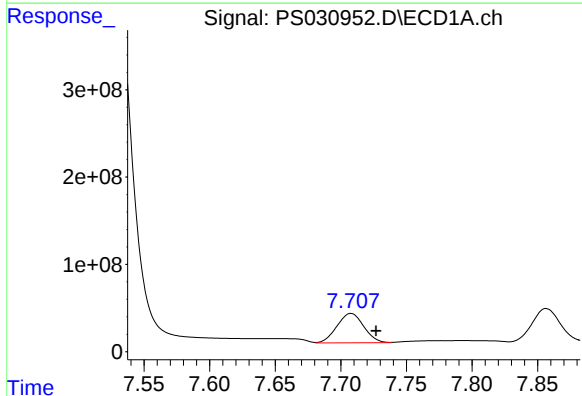
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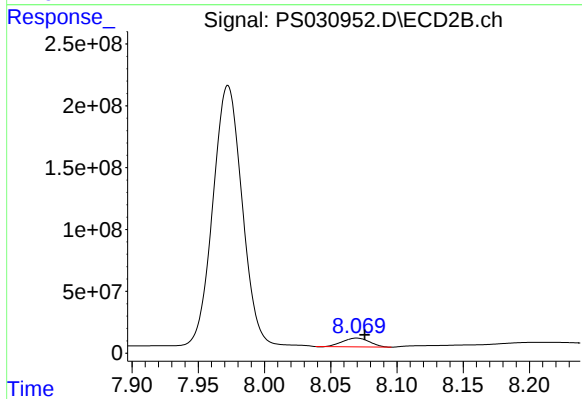
#5 DICAMBA

R.T.: 7.972 min
Delta R.T.: 0.001 min
Response: 3203842142
Conc: 488.90 ng/ml



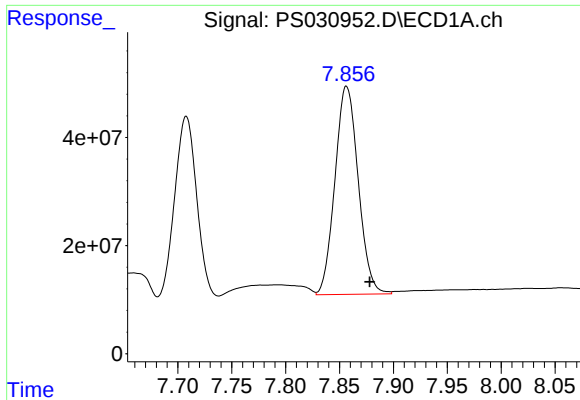
#6 MCP

R.T.: 7.707 min
Delta R.T.: -0.020 min
Response: 478976645
Conc: 51.02 ug/ml m



#6 MCP

R.T.: 8.070 min
Delta R.T.: -0.006 min
Response: 100945767
Conc: 48.13 ug/ml



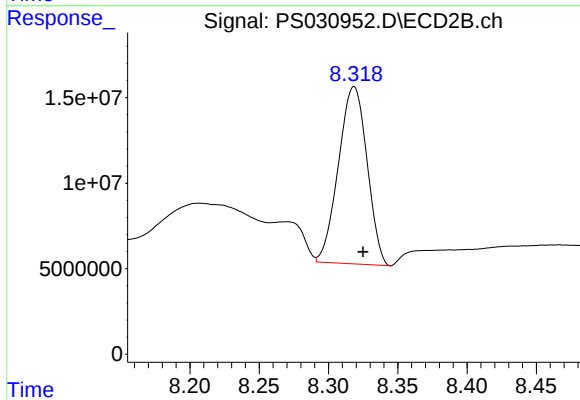
#7 MCPA

R.T.: 7.856 min
Delta R.T.: -0.022 min
Response: 578736347
Conc: 49.34 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168717BS

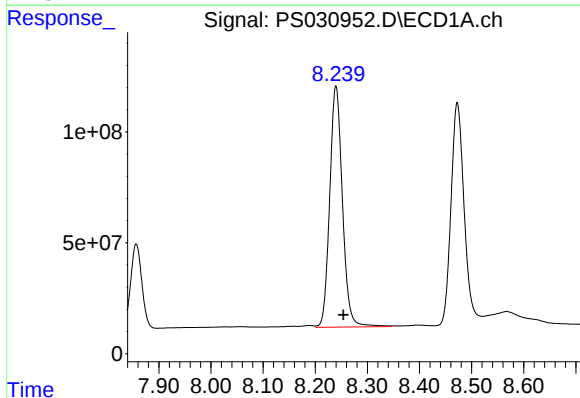
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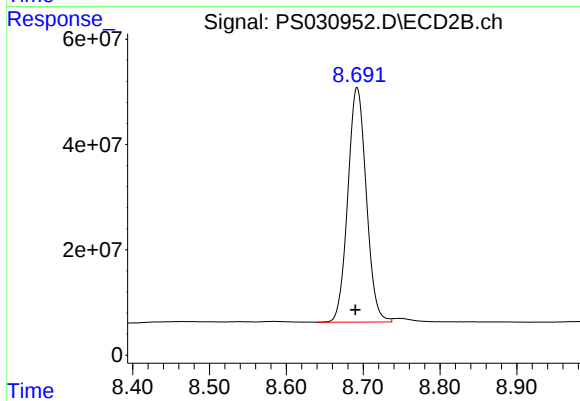
#7 MCPA

R.T.: 8.318 min
Delta R.T.: -0.007 min
Response: 148684642
Conc: 47.27 ug/ml



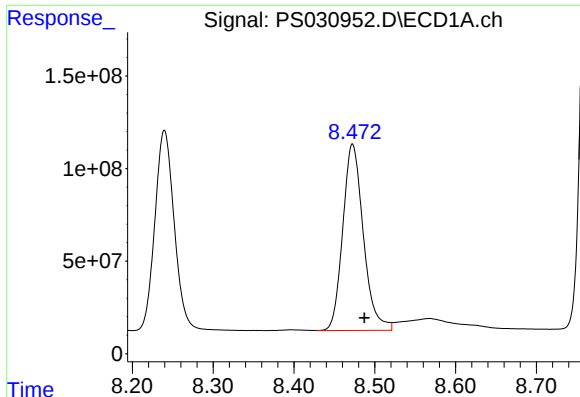
#8 DICHLORPROP

R.T.: 8.240 min
Delta R.T.: -0.015 min
Response: 1840069618
Conc: 491.24 ng/ml



#8 DICHLORPROP

R.T.: 8.692 min
Delta R.T.: 0.002 min
Response: 743271866
Conc: 472.67 ng/ml



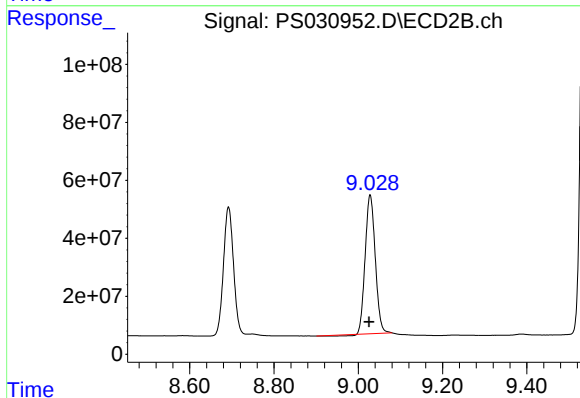
#9 2,4-D

R.T.: 8.472 min
Delta R.T.: -0.015 min
Response: 1780038437
Conc: 516.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168717BS

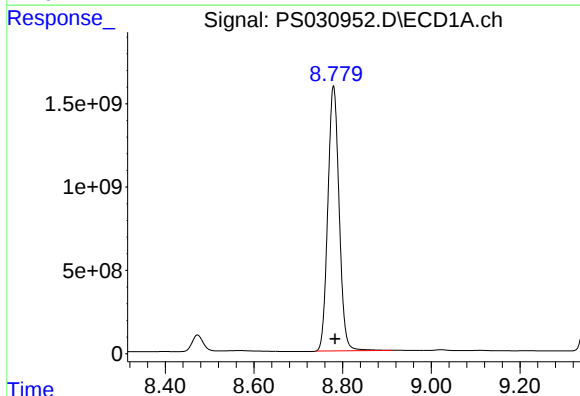
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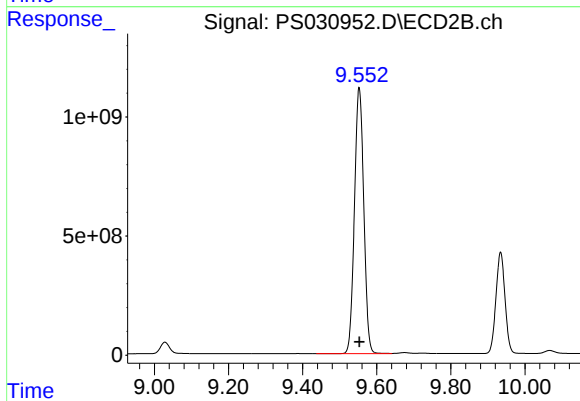
#9 2,4-D

R.T.: 9.028 min
Delta R.T.: 0.003 min
Response: 786280130
Conc: 462.68 ng/ml



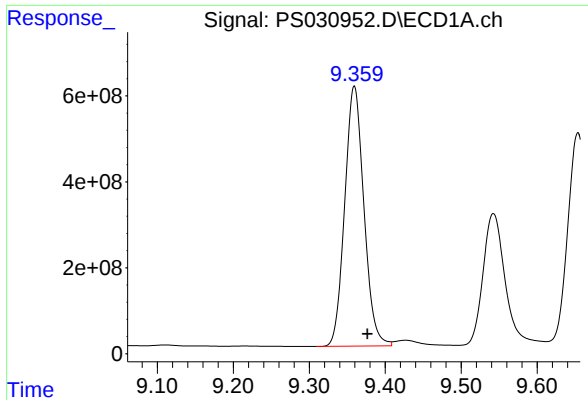
#10 Pentachlorophenol

R.T.: 8.779 min
Delta R.T.: -0.004 min
Response: 28067101492
Conc: 530.31 ng/ml



#10 Pentachlorophenol

R.T.: 9.553 min
Delta R.T.: 0.000 min
Response: 19545026458
Conc: 512.70 ng/ml



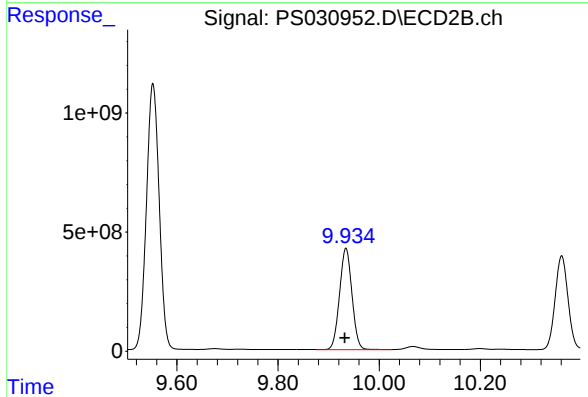
#11 2,4,5-TP (SILVEX)

R.T.: 9.359 min
Delta R.T.: -0.017 min
Response: 10634265990
Conc: 530.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168717BS

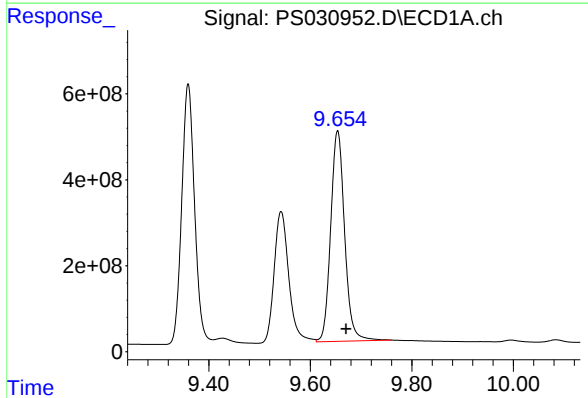
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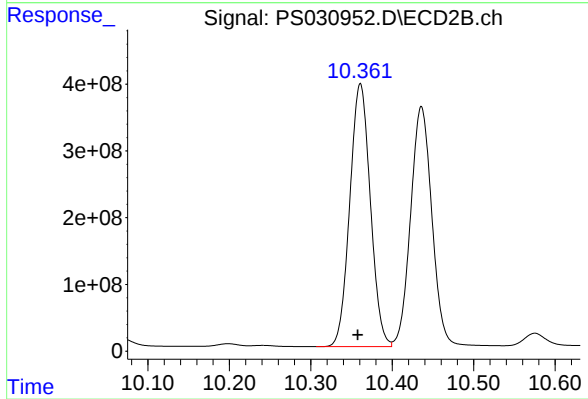
#11 2,4,5-TP (SILVEX)

R.T.: 9.934 min
Delta R.T.: 0.003 min
Response: 7253022855
Conc: 502.68 ng/ml



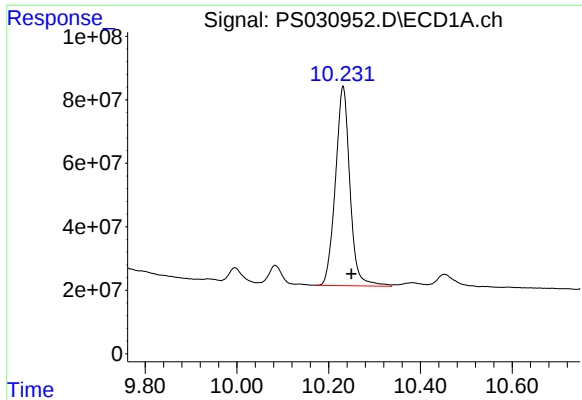
#12 2,4,5-T

R.T.: 9.654 min
Delta R.T.: -0.016 min
Response: 9323372325
Conc: 566.66 ng/ml



#12 2,4,5-T

R.T.: 10.361 min
Delta R.T.: 0.003 min
Response: 6906190508
Conc: 505.41 ng/ml



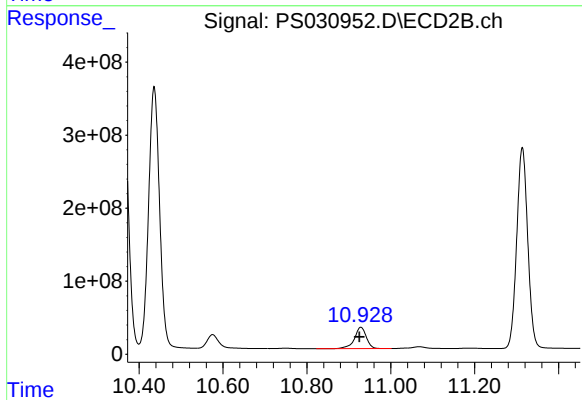
#13 2,4-DB

R.T.: 10.231 min
Delta R.T.: -0.018 min
Response: 1379926770
Conc: 601.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168717BS

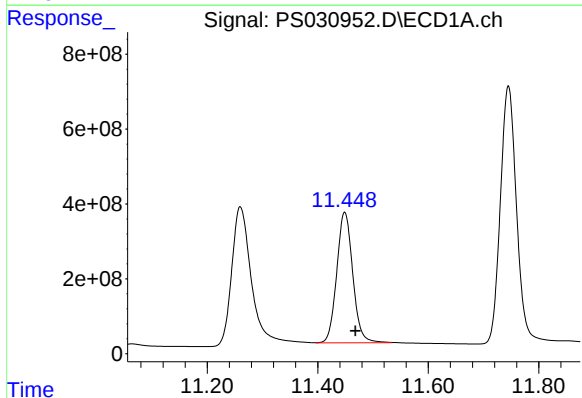
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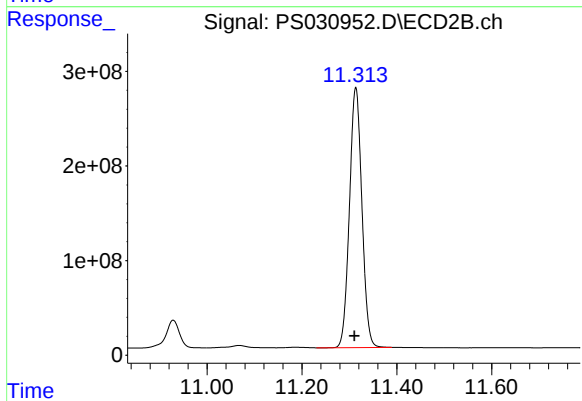
#13 2,4-DB

R.T.: 10.929 min
Delta R.T.: 0.004 min
Response: 577963497
Conc: 488.60 ng/ml



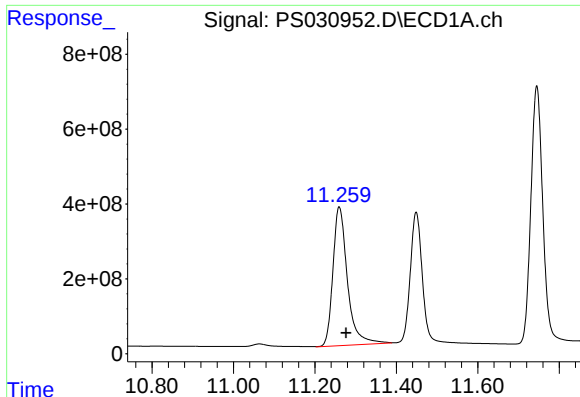
#14 DINOSEB

R.T.: 11.448 min
Delta R.T.: -0.020 min
Response: 7035792373
Conc: 507.15 ng/ml m



#14 DINOSEB

R.T.: 11.314 min
Delta R.T.: 0.002 min
Response: 5001380368
Conc: 463.90 ng/ml



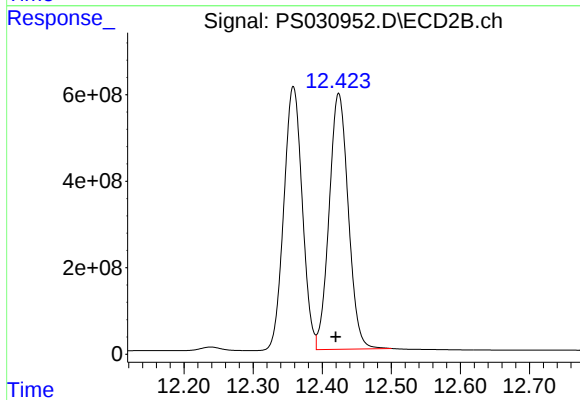
#15 Picloram

R.T.: 11.259 min
Delta R.T.: -0.017 min
Response: 9176596167
Conc: 570.82 ng/ml

Instrument :
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ClientSampleId :
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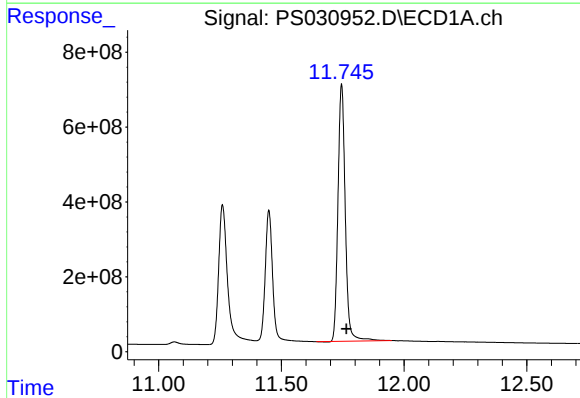
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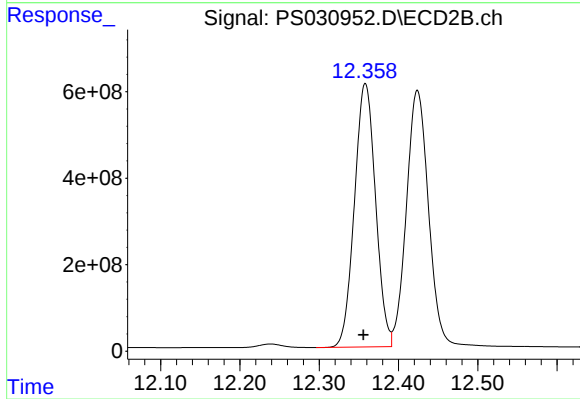
#15 Picloram

R.T.: 12.424 min
Delta R.T.: 0.005 min
Response: 11394479192
Conc: 490.27 ng/ml



#16 DCPA

R.T.: 11.745 min
Delta R.T.: -0.020 min
Response: 14205066876
Conc: 554.53 ng/ml



#16 DCPA

R.T.: 12.358 min
Delta R.T.: 0.003 min
Response: 11260864198
Conc: 510.86 ng/ml