

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071125\
 Data File : PS031006.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2025 16:00
 Operator : AR\AJ
 Sample : HSTDICC200
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC200

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/14/2025
 Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 03:15:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
 Quant Title : 8080.M
 QLast Update : Mon Jul 14 03:14:30 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	7.332	7.769	964.4E6	251.6E6	256.754m	255.689
Target Compounds							
1) T	Dalapon	2.699	2.707	1359.2E6	617.1E6	234.829	227.615
2) T	3,5-DICHL...	6.494	6.716	1194.0E6	350.5E6	239.542	238.175
3) T	4-Nitroph...	7.134	7.304	287.7E6	359.3E6	223.294	214.127
5) T	DICAMBA	7.522	7.970	3524.3E6	1373.6E6	234.582	219.396
6) T	MCPD	7.700	8.065	153.7E6	38941915	16.629	18.218
7) T	MCPA	7.850	8.313	193.7E6	62375962	18.027	19.647
8) T	DICHLORPROP	8.234	8.691	779.7E6	349.8E6	241.890	242.016
9) T	2,4-D	8.468	9.028	668.7E6	386.9E6	228.056	239.199
10) T	Pentachlo...	8.773	9.550	12014.7E6	8612.5E6	235.540	226.008
11) T	2,4,5-TP ...	9.353	9.932	3940.1E6	3271.1E6	216.622	230.772
12) T	2,4,5-T	9.649	10.359	3069.2E6	3091.2E6	206.998	228.467
13) T	2,4-DB	10.228	10.928	436.6E6	268.4E6	209.069	238.332
14) T	DINOSEB	11.441	11.310	2709.5E6	2482.1E6	211.237	227.323
15) T	Picloram	11.264	12.425	2682.2E6	4609.1E6	187.392	197.690
16) T	DCPA	11.736	12.355	5033.6E6	4982.0E6	215.340	227.114

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071125\
Data File : PS031006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 16:00
Operator : AR\AJ
Sample : HSTDICC200
Misc :
ALS Vial : 3 Sample Multiplier: 1

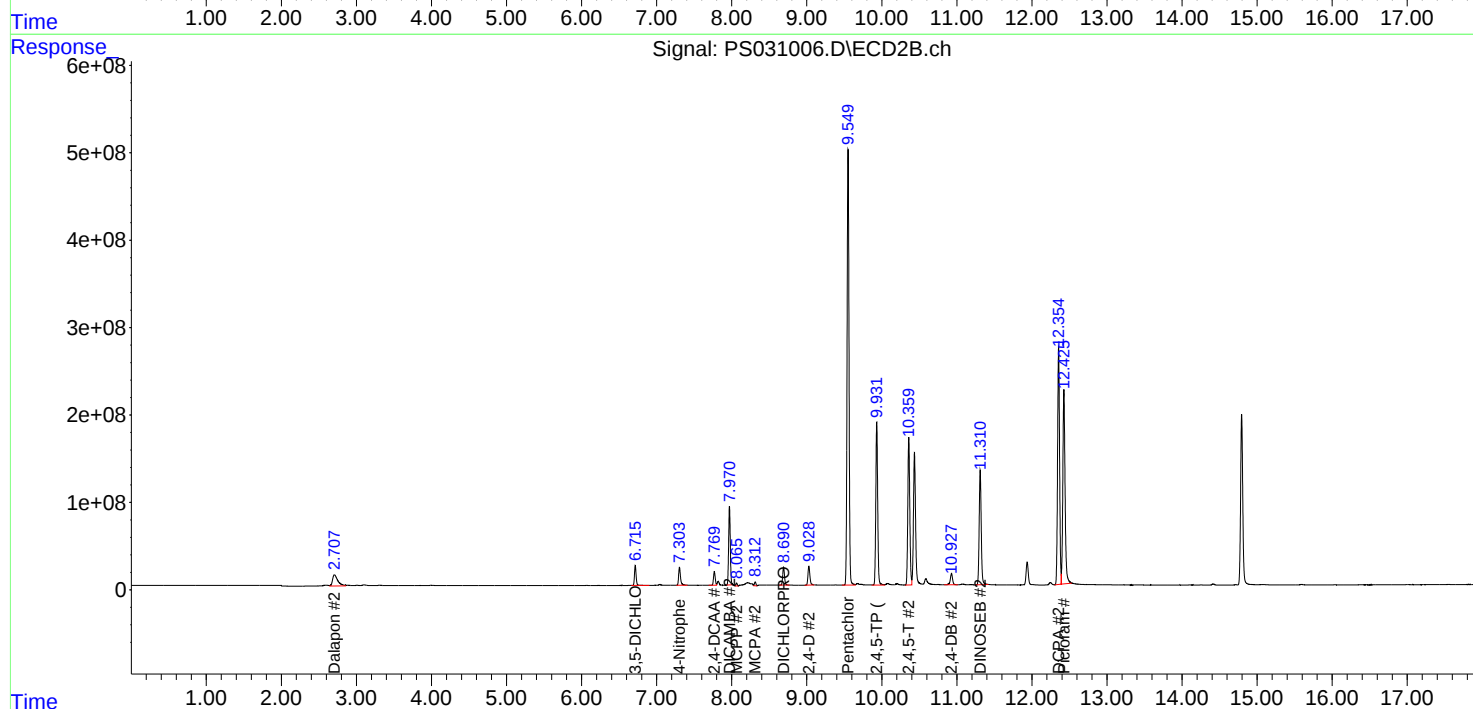
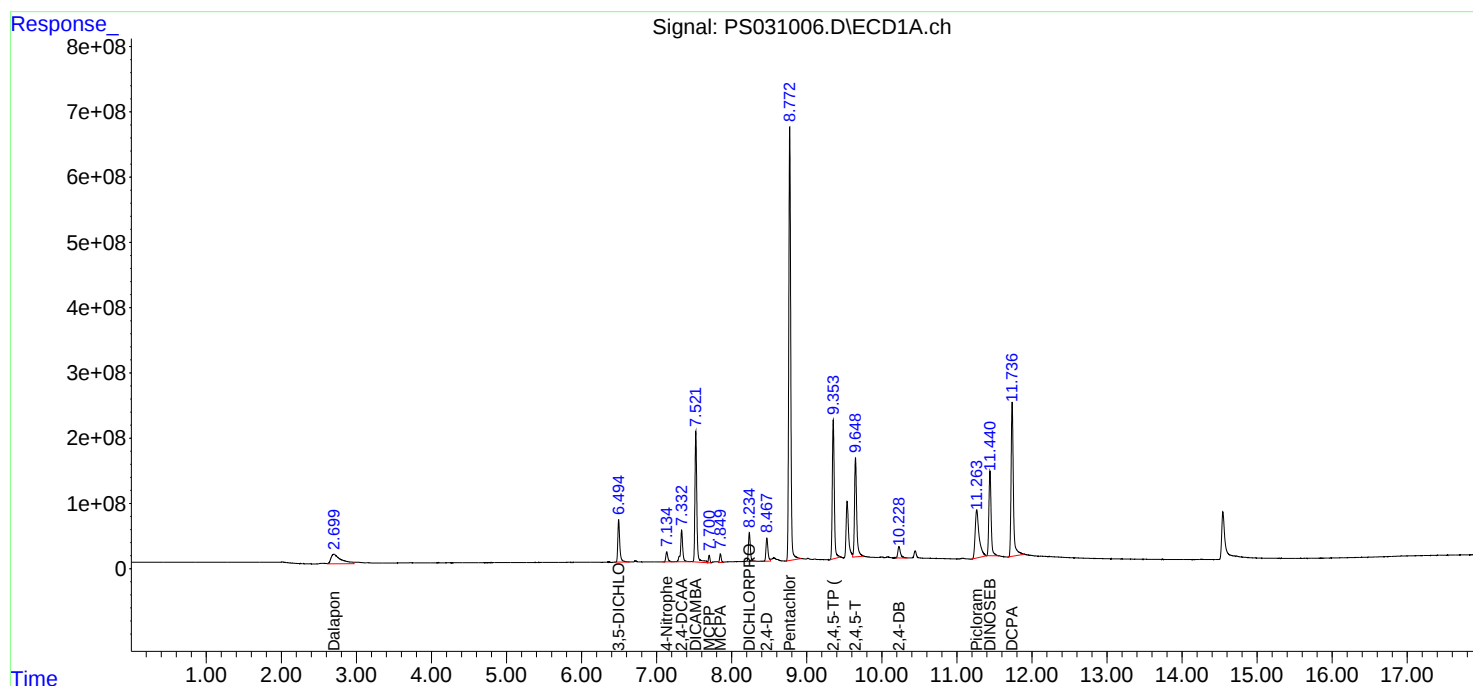
Instrument :
ECD_S
ClientSampleId :
HSTDICC200

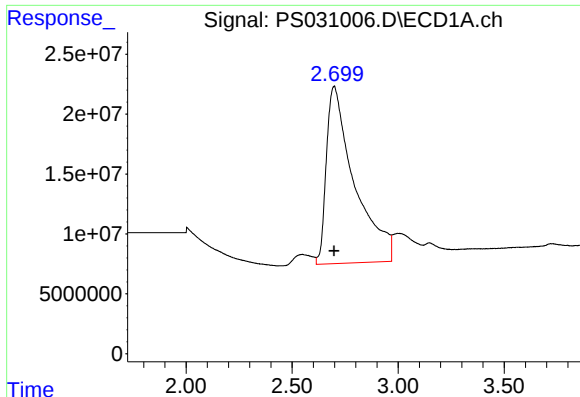
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 03:15:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
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QLast Update : Mon Jul 14 03:14:30 2025
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Integrator: ChemStation

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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





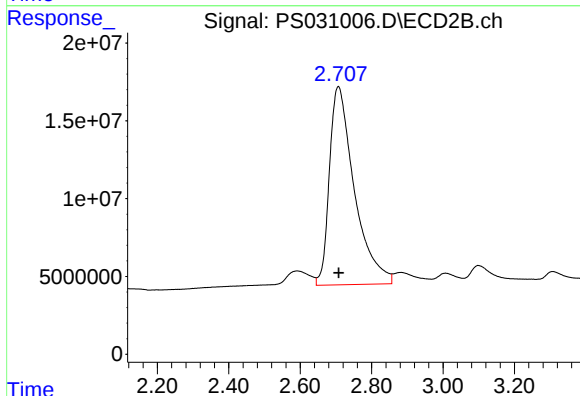
#1 Dalapon

R.T.: 2.699 min
Delta R.T.: 0.001 min
Response: 1359186439
Conc: 234.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

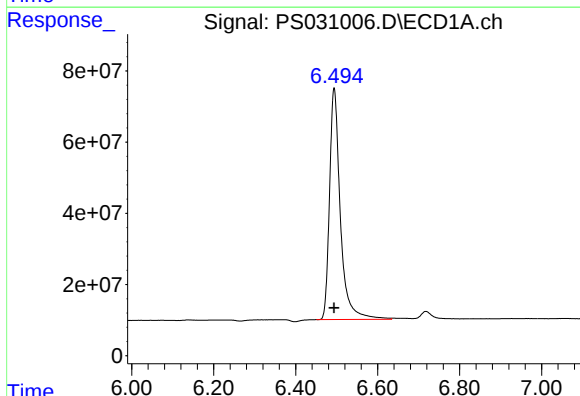
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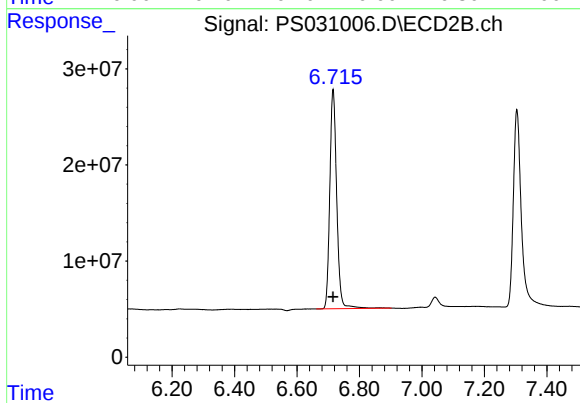
#1 Dalapon

R.T.: 2.707 min
Delta R.T.: -0.001 min
Response: 617105162
Conc: 227.61 ng/ml



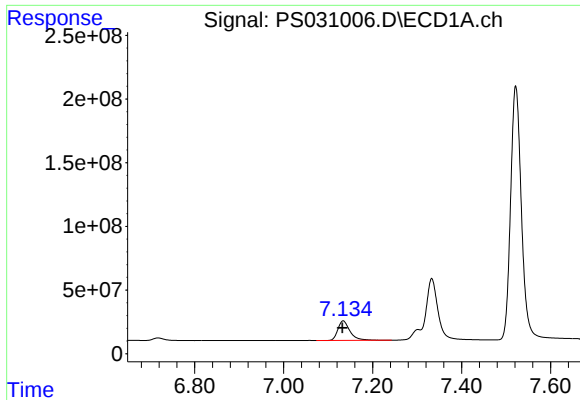
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.494 min
Delta R.T.: 0.000 min
Response: 1193971988
Conc: 239.54 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 350541032
Conc: 238.18 ng/ml



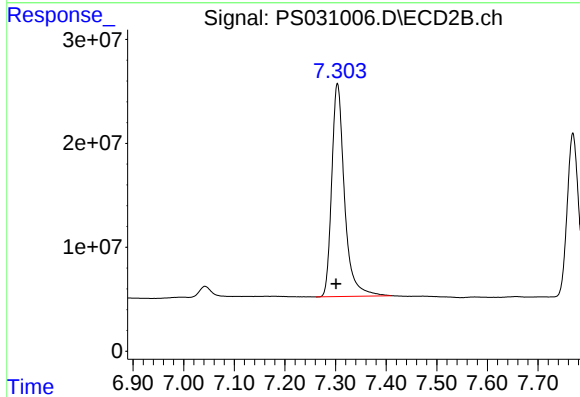
#3 4-Nitrophenol

R.T.: 7.134 min
Delta R.T.: 0.002 min
Response: 287711185
Conc: 223.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

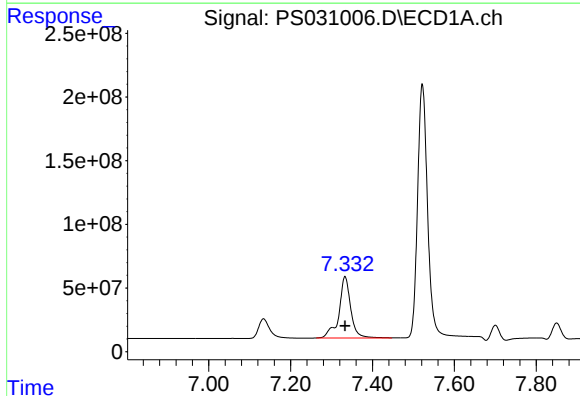
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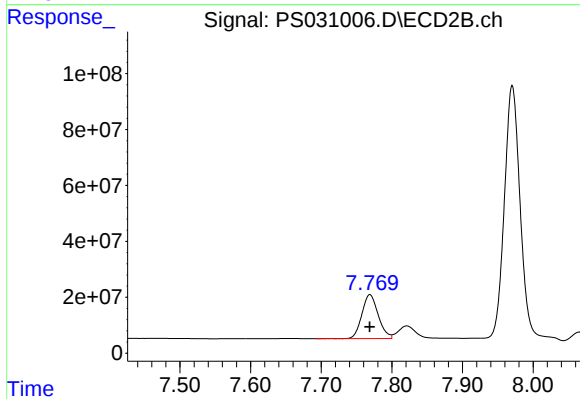
#3 4-Nitrophenol

R.T.: 7.304 min
Delta R.T.: 0.003 min
Response: 359307351
Conc: 214.13 ng/ml



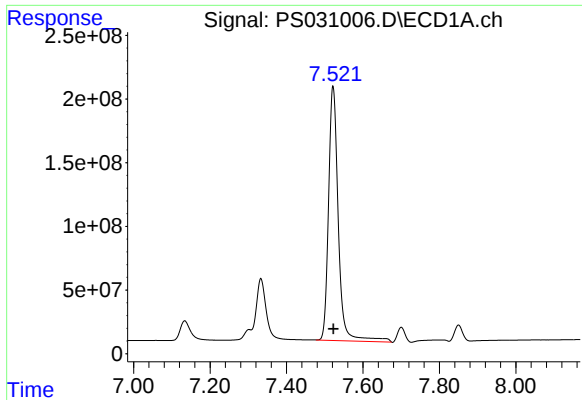
#4 2,4-DCAA

R.T.: 7.332 min
Delta R.T.: 0.000 min
Response: 964354651
Conc: 256.75 ng/ml m



#4 2,4-DCAA

R.T.: 7.769 min
Delta R.T.: 0.000 min
Response: 251615771
Conc: 255.69 ng/ml



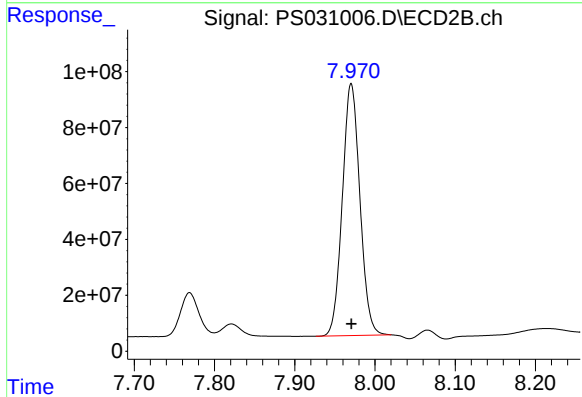
#5 DICAMBA

R.T.: 7.522 min
Delta R.T.: 0.000 min
Response: 3524272011
Conc: 234.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

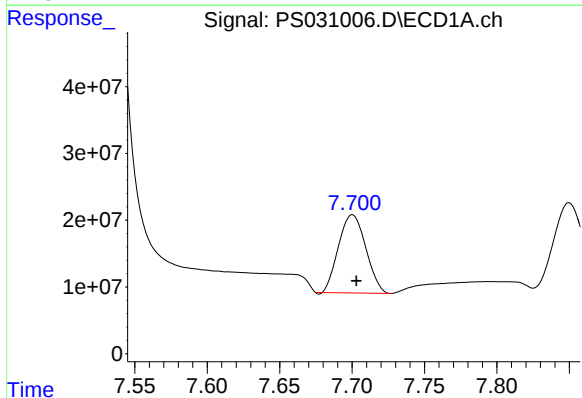
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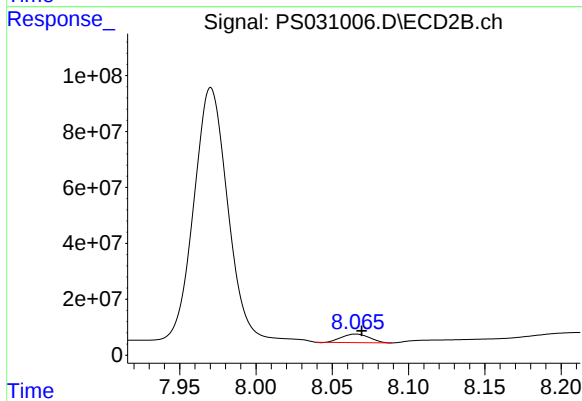
#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 1373645814
Conc: 219.40 ng/ml



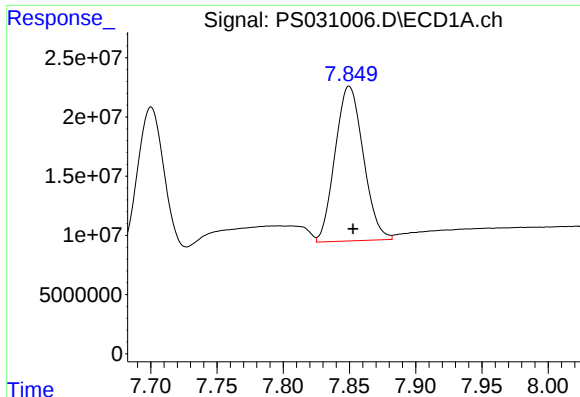
#6 MCP

R.T.: 7.700 min
Delta R.T.: -0.003 min
Response: 153699251
Conc: 16.63 ug/ml



#6 MCP

R.T.: 8.065 min
Delta R.T.: -0.004 min
Response: 38941915
Conc: 18.22 ug/ml



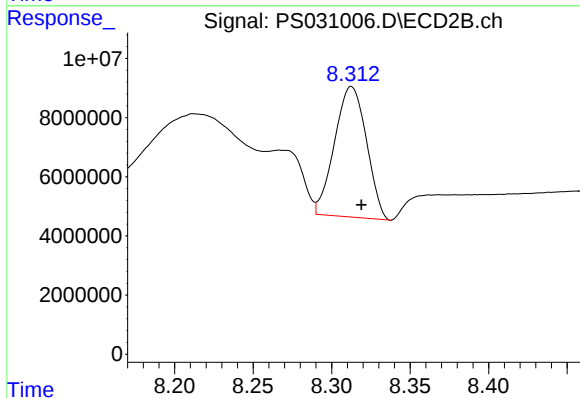
#7 MCPA

R.T.: 7.850 min
Delta R.T.: -0.003 min
Response: 193732588
Conc: 18.03 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

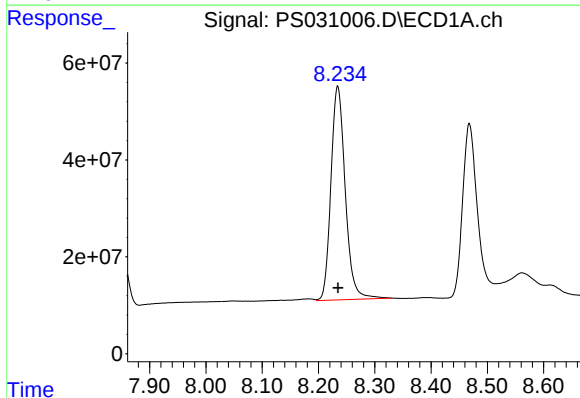
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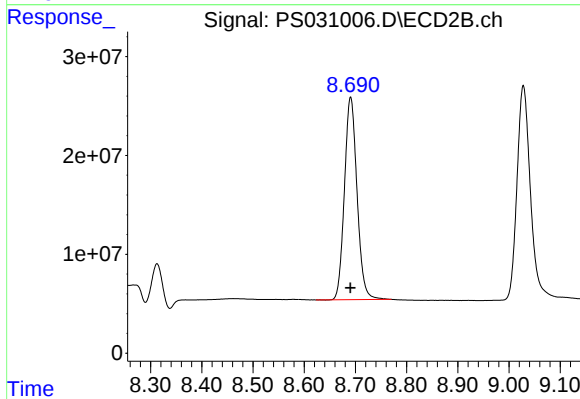
#7 MCPA

R.T.: 8.313 min
Delta R.T.: -0.006 min
Response: 62375962
Conc: 19.65 ug/ml



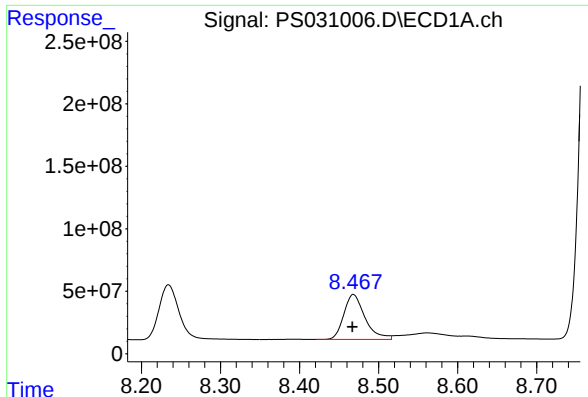
#8 DICHLORPROP

R.T.: 8.234 min
Delta R.T.: 0.000 min
Response: 779694303
Conc: 241.89 ng/ml



#8 DICHLORPROP

R.T.: 8.691 min
Delta R.T.: 0.000 min
Response: 349808770
Conc: 242.02 ng/ml



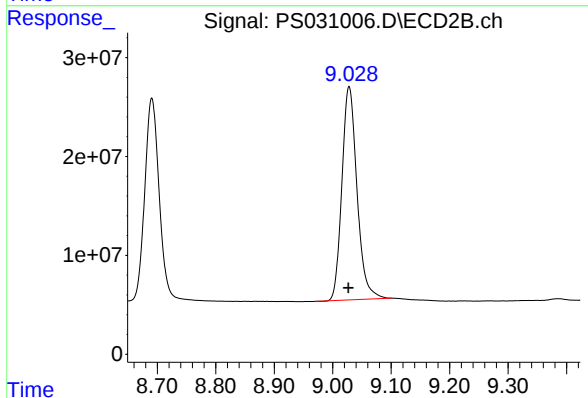
#9 2,4-D

R.T.: 8.468 min
Delta R.T.: 0.001 min
Response: 668654376
Conc: 228.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

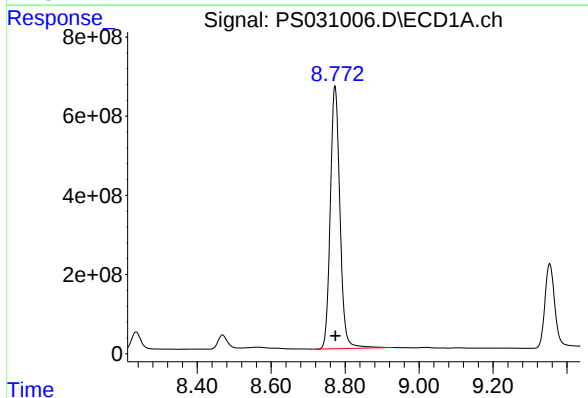
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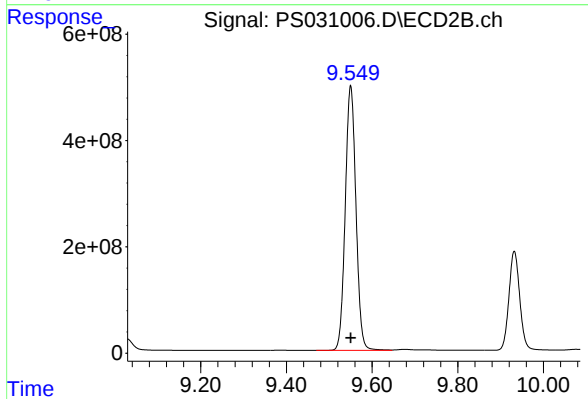
#9 2,4-D

R.T.: 9.028 min
Delta R.T.: 0.001 min
Response: 386915116
Conc: 239.20 ng/ml



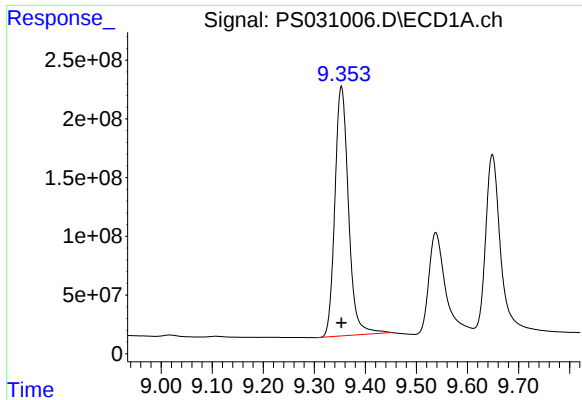
#10 Pentachlorophenol

R.T.: 8.773 min
Delta R.T.: 0.000 min
Response: 12014689664
Conc: 235.54 ng/ml



#10 Pentachlorophenol

R.T.: 9.550 min
Delta R.T.: 0.000 min
Response: 8612460446
Conc: 226.01 ng/ml



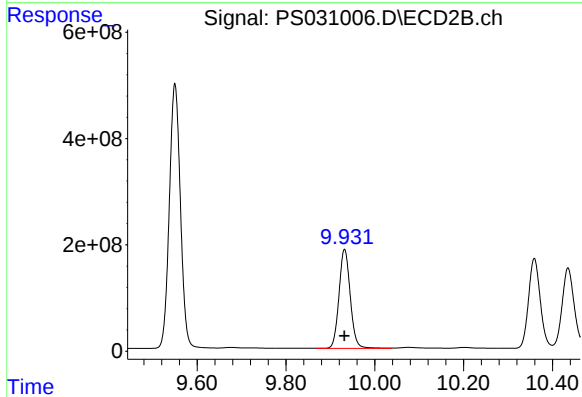
#11 2,4,5-TP (SILVEX)

R.T.: 9.353 min
Delta R.T.: 0.000 min
Response: 3940122747
Conc: 216.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

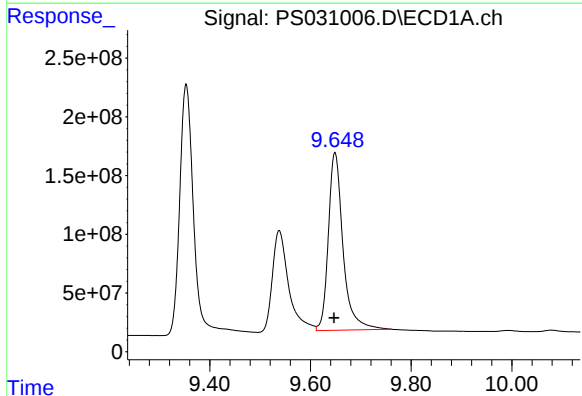
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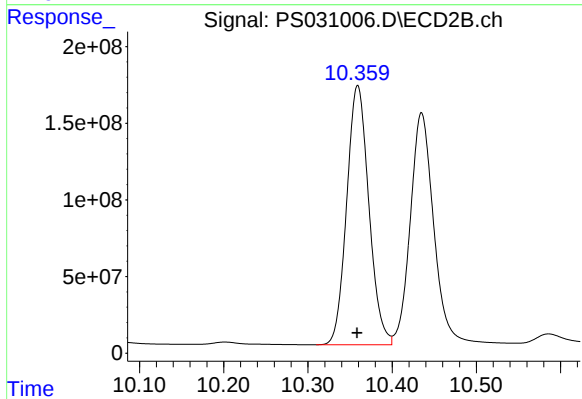
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 3271094233
Conc: 230.77 ng/ml



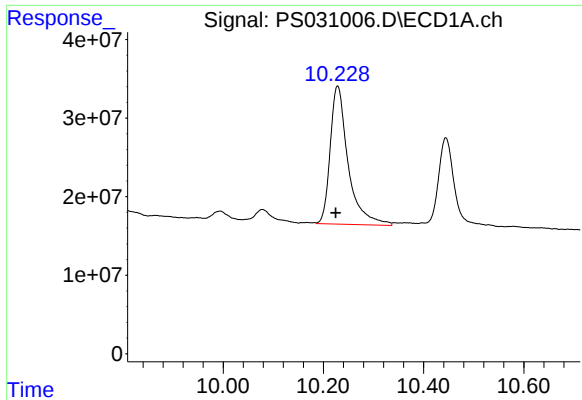
#12 2,4,5-T

R.T.: 9.649 min
Delta R.T.: 0.002 min
Response: 3069196711
Conc: 207.00 ng/ml



#12 2,4,5-T

R.T.: 10.359 min
Delta R.T.: 0.000 min
Response: 3091192979
Conc: 228.47 ng/ml



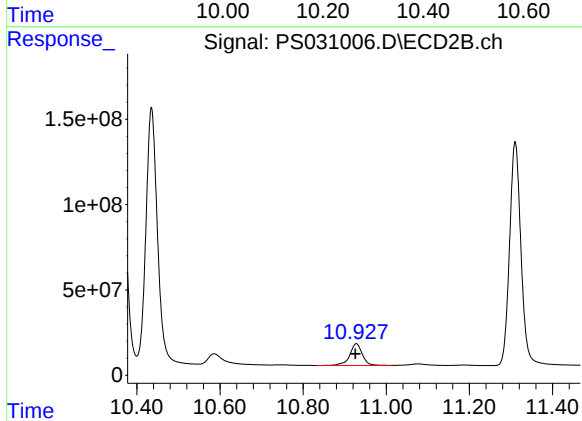
#13 2,4-DB

R.T.: 10.228 min
Delta R.T.: 0.003 min
Response: 436606607
Conc: 209.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

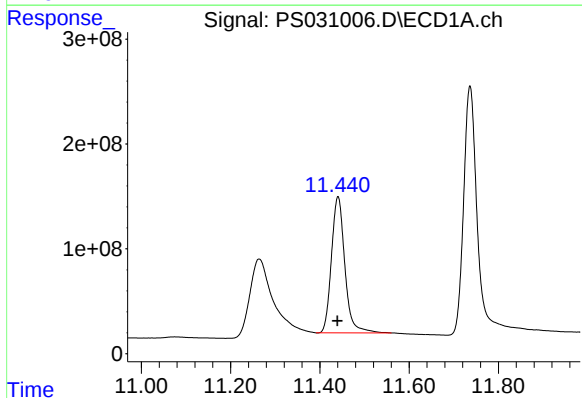
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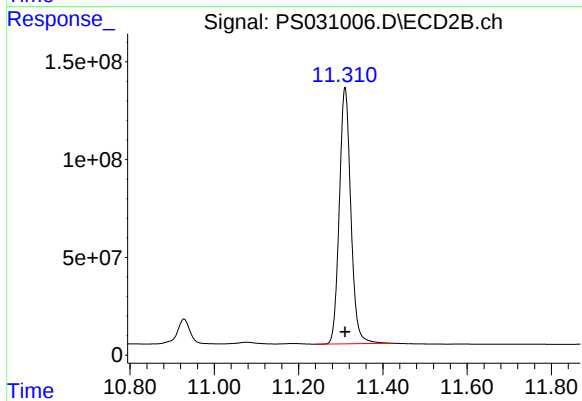
#13 2,4-DB

R.T.: 10.928 min
Delta R.T.: 0.002 min
Response: 268373751
Conc: 238.33 ng/ml



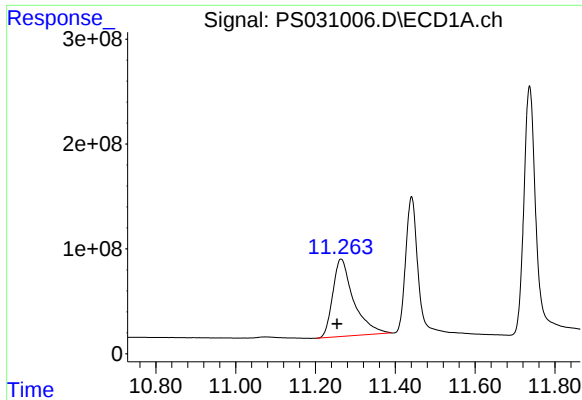
#14 DINOSEB

R.T.: 11.441 min
Delta R.T.: 0.002 min
Response: 2709546271
Conc: 211.24 ng/ml



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: 0.000 min
Response: 2482059801
Conc: 227.32 ng/ml



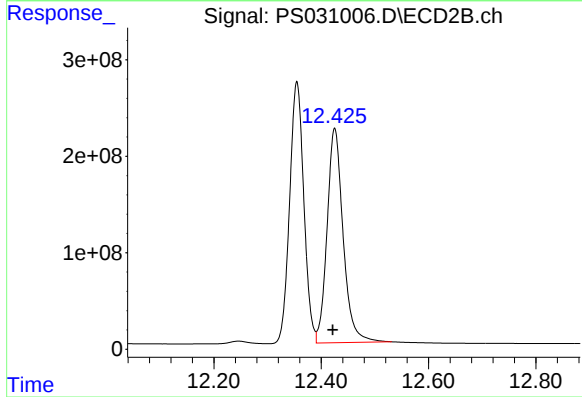
#15 Picloram

R.T.: 11.264 min
Delta R.T.: 0.010 min
Response: 2682223503
Conc: 187.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

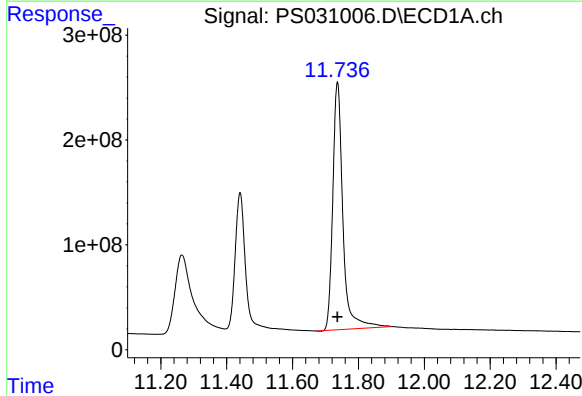
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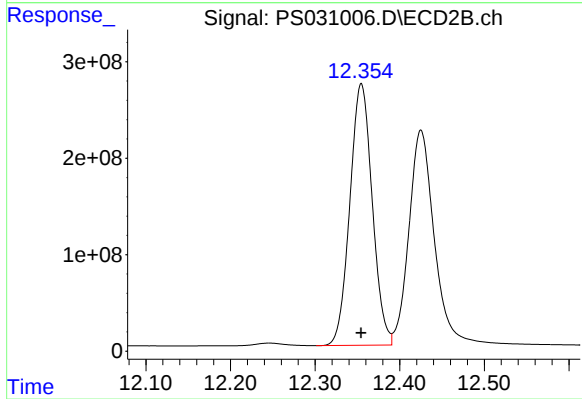
#15 Picloram

R.T.: 12.425 min
Delta R.T.: 0.004 min
Response: 4609145956
Conc: 197.69 ng/ml



#16 DCPA

R.T.: 11.736 min
Delta R.T.: 0.000 min
Response: 5033620239
Conc: 215.34 ng/ml



#16 DCPA

R.T.: 12.355 min
Delta R.T.: 0.000 min
Response: 4982016021
Conc: 227.11 ng/ml