

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS021924\
 Data File : PS025990.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Feb 2024 18:07
 Operator : AR\AJ
 Sample : PB159104BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB159104BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/20/2024
 Supervised By : Ankita Jodhani 02/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 00:33:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS021424.M
 Quant Title : 8080.M
 QLast Update : Wed Feb 14 15:17:36 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
 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	7.269	7.802	1411.9E6	423.8E6	533.501	485.494
Target Compounds							
1) T	Dalapon	2.676	2.730	1928.0E6	682.0E6	430.975m	418.235m
2) T	3,5-DICHL...	6.436	6.748	1901.3E6	598.8E6	489.746	448.028
3) T	4-Nitroph...	7.070	7.328	754.7E6	217.1E6	476.025	450.218
5) T	DICAMBA	7.459	8.003	5507.1E6	1765.1E6	499.811	456.827
6) T	MCPD	7.640	8.102	380.9E6	134.5E6	48.194m	49.854
7) T	MCPA	7.791	8.347	552.6E6	183.6E6	48.586	47.653
8) T	DICHLORPROP	8.173	8.720	1437.8E6	444.4E6	509.644	461.308
9) T	2,4-D	8.405	9.051	1485.1E6	433.3E6	502.268	457.156
10) T	Pentachlo...	8.705	9.581	21067.1E6	6822.5E6	531.604	474.698
11) T	2,4,5-TP ...	9.289	9.956	8098.3E6	2573.1E6	519.561	472.899
12) T	2,4,5-T	9.583	10.377	7835.3E6	2339.8E6	515.202	468.624
13) T	2,4-DB	10.162	10.944	977.0E6	252.6E6	498.546	456.505
14) T	DINOSEB	11.381	11.323	5727.3E6	1755.5E6	516.708	489.229
15) T	Picloram	11.183	12.424	8508.4E6	2221.8E6	475.518m	414.923m
16) T	DCPA	11.673	12.369	10420.2E6	3035.3E6	529.995	471.319

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

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Acq On : 19 Feb 2024 18:07
Operator : AR\AJ
Sample : PB159104BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

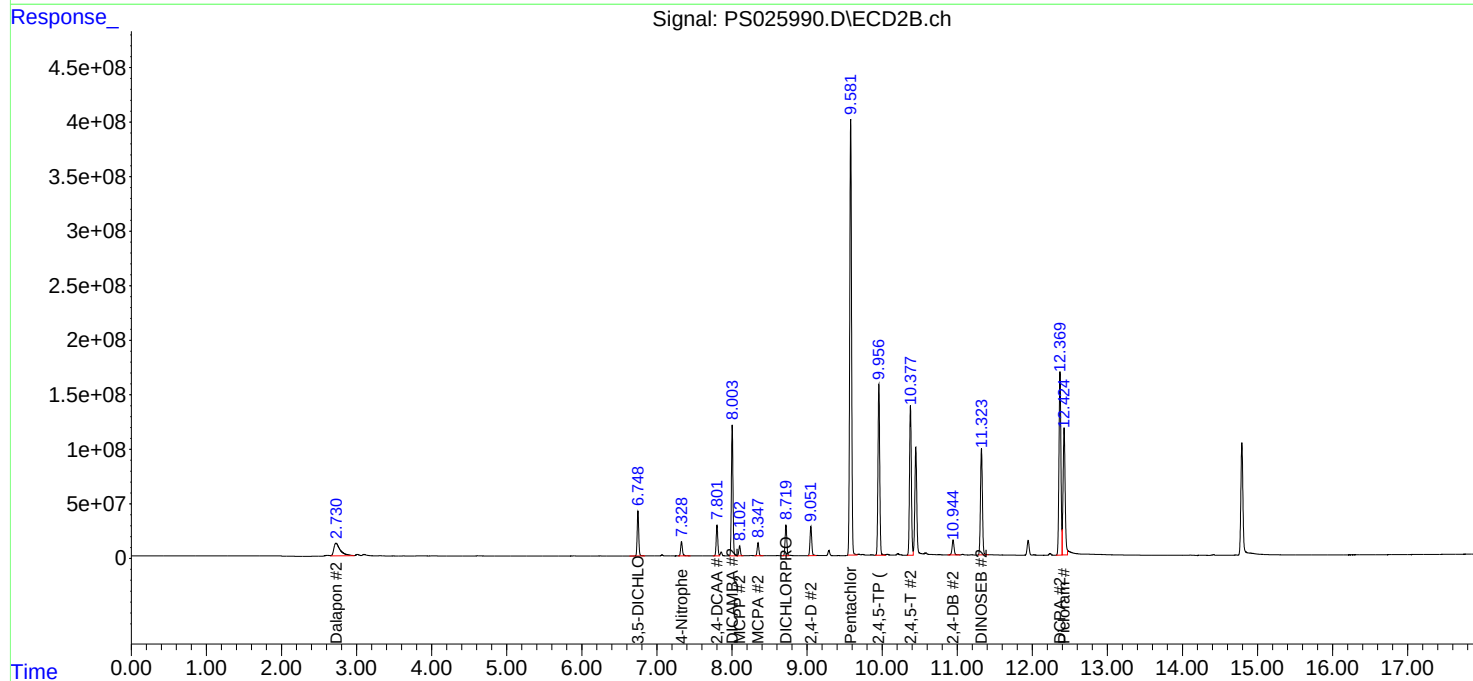
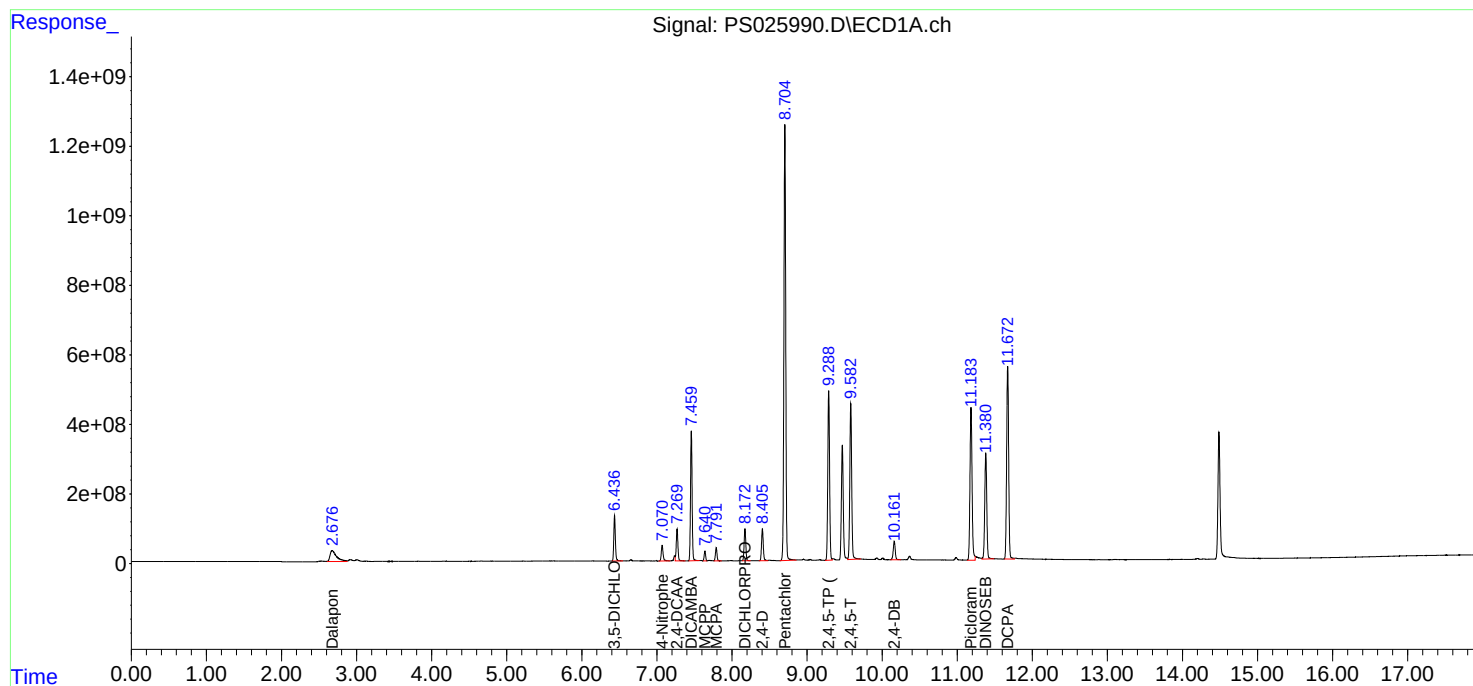
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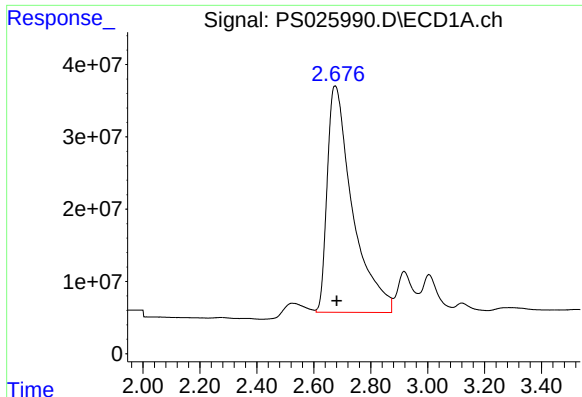
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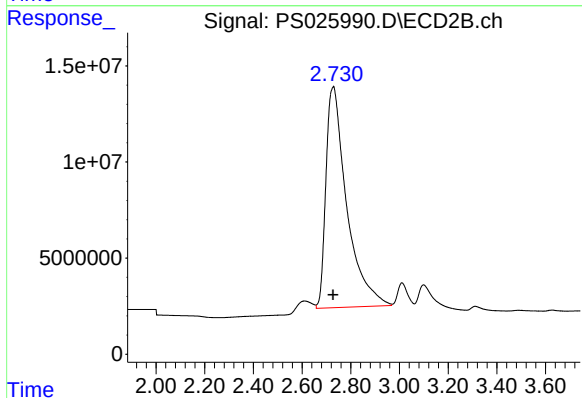
#1 Dalapon

R.T.: 2.676 min
Delta R.T.: -0.005 min
Response: 1927969794
Conc: 430.97 ng/ml

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ECD_S
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PB159104BS

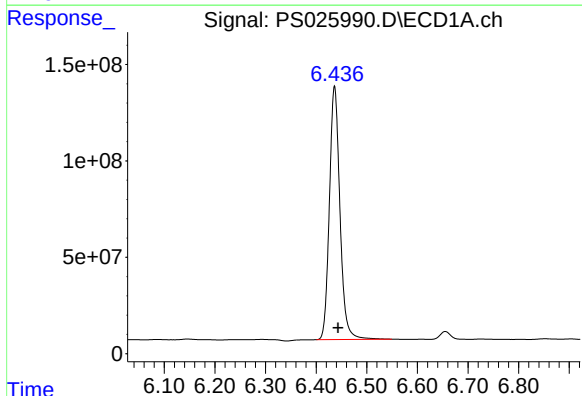
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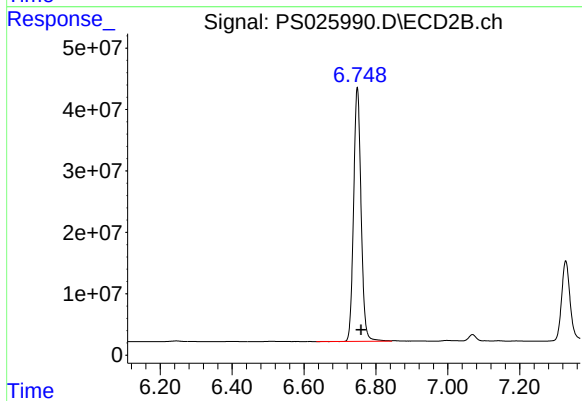
#1 Dalapon

R.T.: 2.730 min
Delta R.T.: 0.003 min
Response: 681977813
Conc: 418.24 ng/ml m



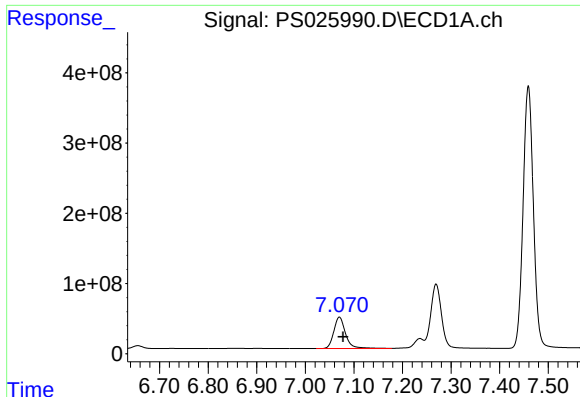
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.436 min
Delta R.T.: -0.007 min
Response: 1901278240
Conc: 489.75 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.748 min
Delta R.T.: -0.010 min
Response: 598834262
Conc: 448.03 ng/ml



#3 4-Nitrophenol

R.T.: 7.070 min
Delta R.T.: -0.008 min
Response: 754744070
Conc: 476.03 ng/ml

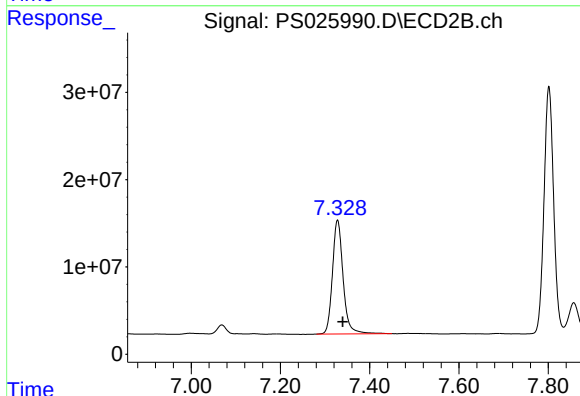
Instrument :

ECD_S

ClientSampleId :
PB159104BS

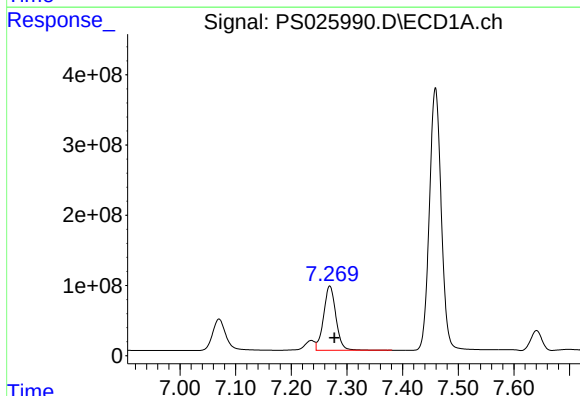
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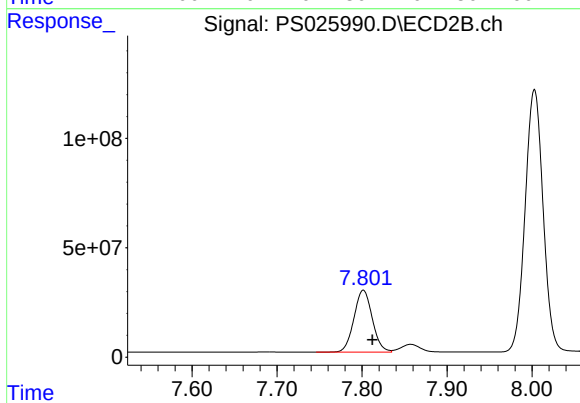
#3 4-Nitrophenol

R.T.: 7.328 min
Delta R.T.: -0.011 min
Response: 217071176
Conc: 450.22 ng/ml



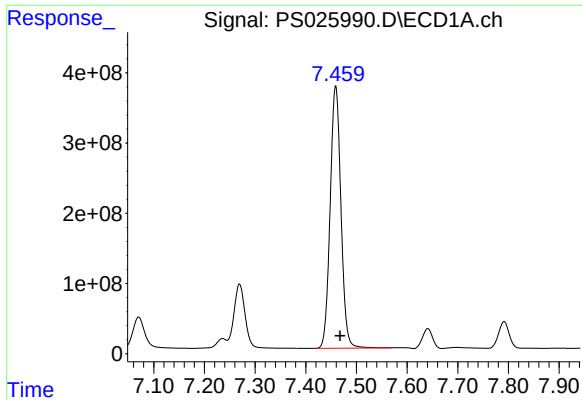
#4 2,4-DCAA

R.T.: 7.269 min
Delta R.T.: -0.008 min
Response: 1411949606
Conc: 533.50 ng/ml



#4 2,4-DCAA

R.T.: 7.802 min
Delta R.T.: -0.011 min
Response: 423764587
Conc: 485.49 ng/ml



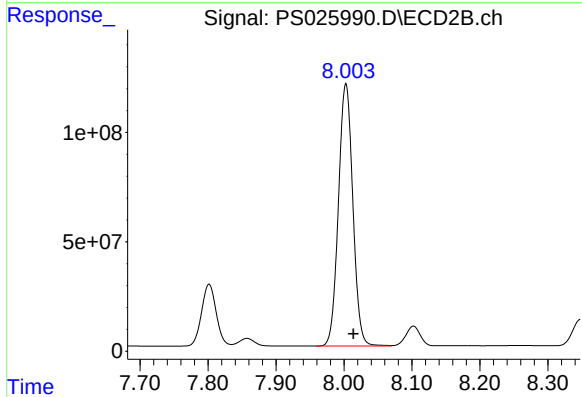
#5 DICAMBA

R.T.: 7.459 min
Delta R.T.: -0.008 min
Response: 5507129082
Conc: 499.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB159104BS

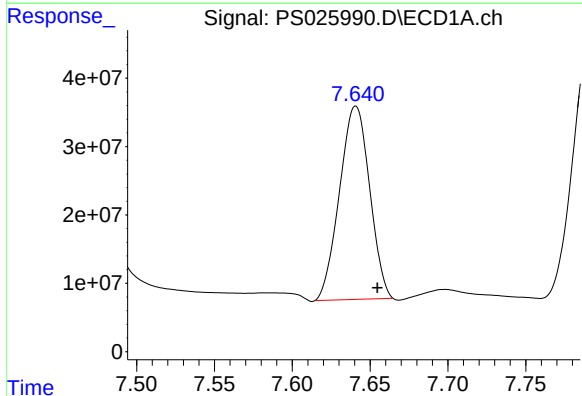
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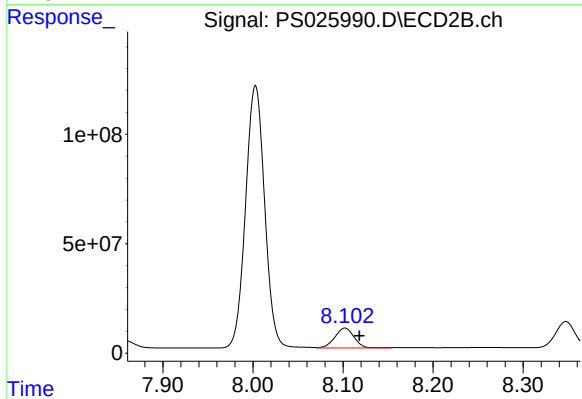
#5 DICAMBA

R.T.: 8.003 min
Delta R.T.: -0.011 min
Response: 1765142646
Conc: 456.83 ng/ml



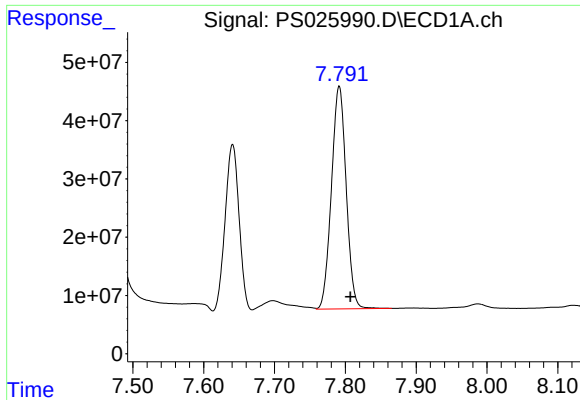
#6 MCP

R.T.: 7.640 min
Delta R.T.: -0.014 min
Response: 380855290
Conc: 48.19 ug/ml m



#6 MCP

R.T.: 8.102 min
Delta R.T.: -0.016 min
Response: 134469176
Conc: 49.85 ug/ml



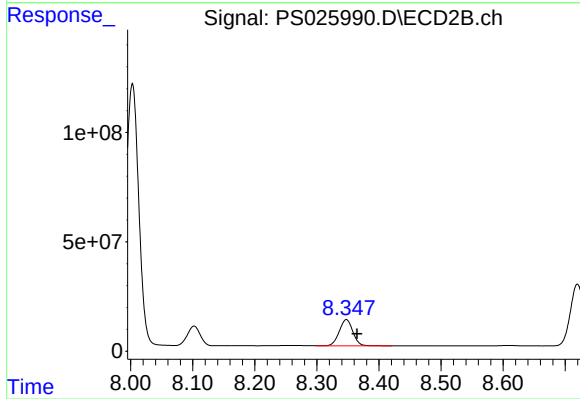
#7 MCPA

R.T.: 7.791 min
Delta R.T.: -0.016 min
Response: 552627619
Conc: 48.59 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB159104BS

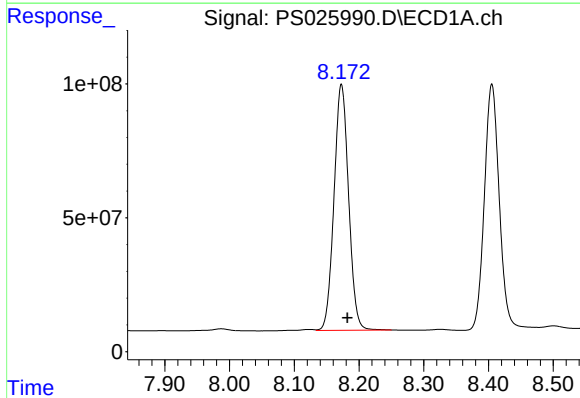
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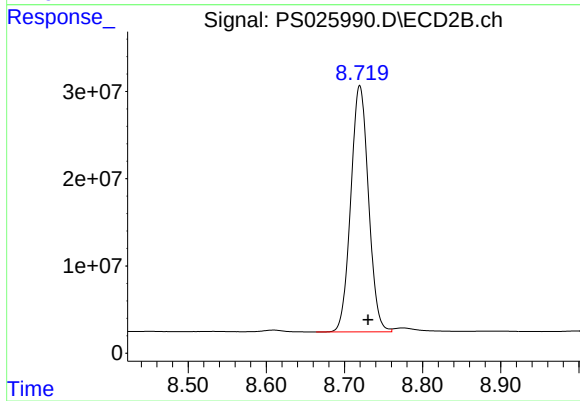
#7 MCPA

R.T.: 8.347 min
Delta R.T.: -0.017 min
Response: 183572063
Conc: 47.65 ug/ml



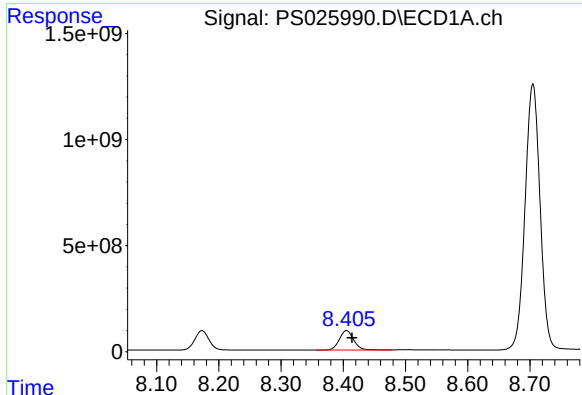
#8 DICHLORPROP

R.T.: 8.173 min
Delta R.T.: -0.009 min
Response: 1437791144
Conc: 509.64 ng/ml



#8 DICHLORPROP

R.T.: 8.720 min
Delta R.T.: -0.011 min
Response: 444364188
Conc: 461.31 ng/ml



#9 2,4-D

R.T.: 8.405 min
Delta R.T.: -0.009 min
Response: 1485091321
Conc: 502.27 ng/ml

Instrument :

ECD_S

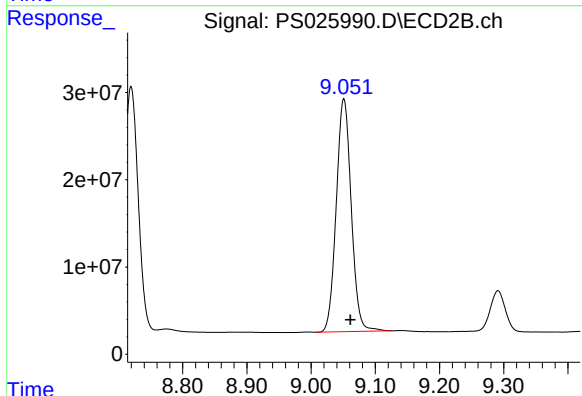
ClientSampleId :

PB159104BS

Manual Integrations

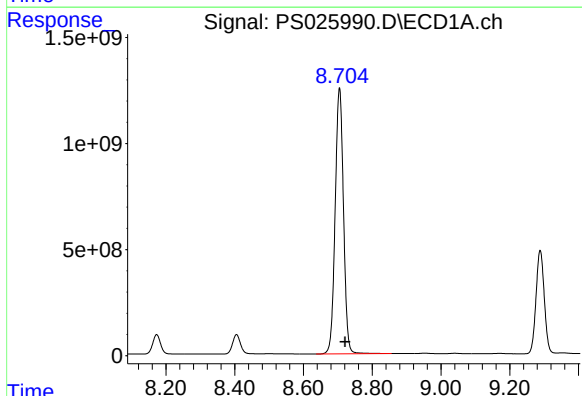
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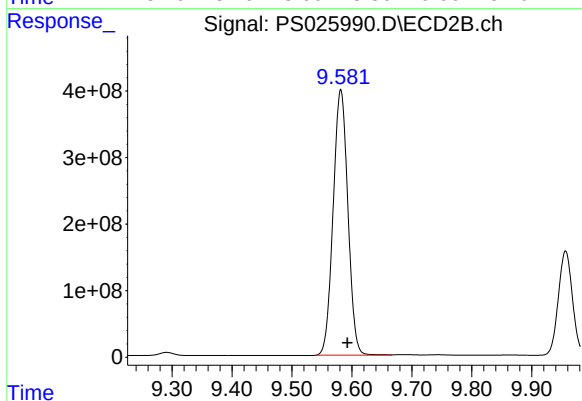
#9 2,4-D

R.T.: 9.051 min
Delta R.T.: -0.010 min
Response: 433292808
Conc: 457.16 ng/ml



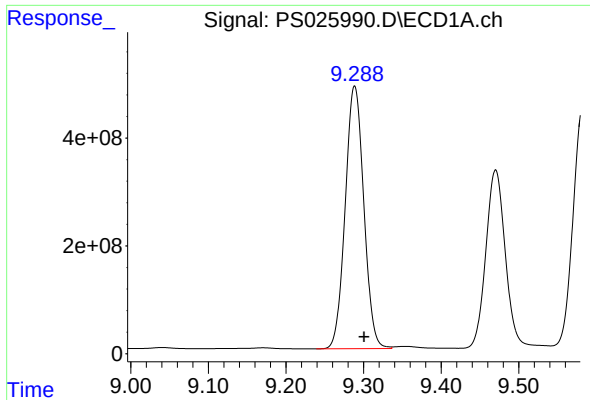
#10 Pentachlorophenol

R.T.: 8.705 min
Delta R.T.: -0.016 min
Response: 21067062690
Conc: 531.60 ng/ml



#10 Pentachlorophenol

R.T.: 9.581 min
Delta R.T.: -0.011 min
Response: 6822546129
Conc: 474.70 ng/ml



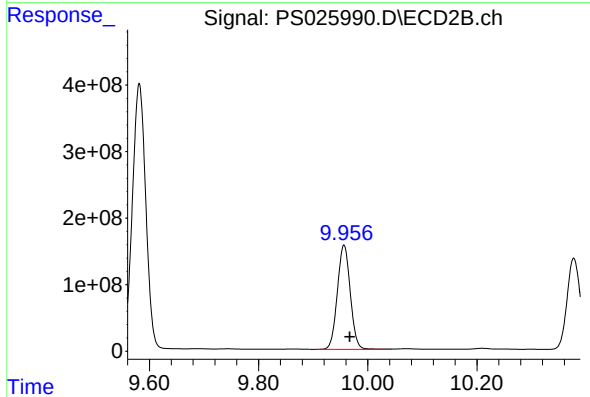
#11 2,4,5-TP (SILVEX)

R.T.: 9.289 min
Delta R.T.: -0.012 min
Response: 8098281477
Conc: 519.56 ng/ml

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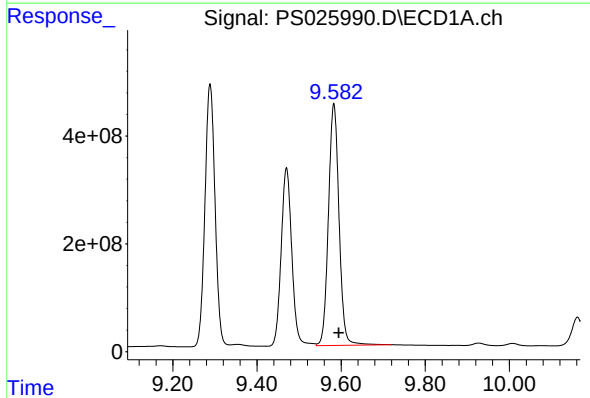
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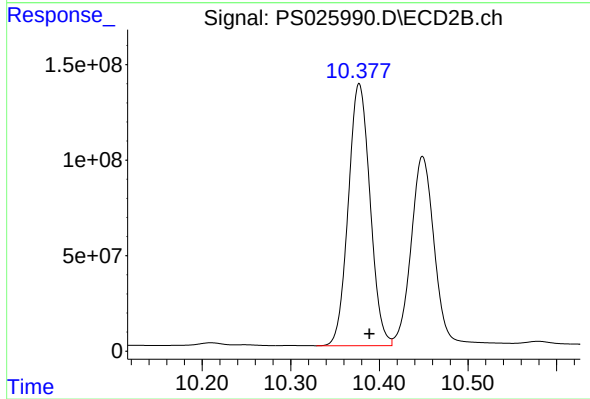
#11 2,4,5-TP (SILVEX)

R.T.: 9.956 min
Delta R.T.: -0.011 min
Response: 2573090319
Conc: 472.90 ng/ml



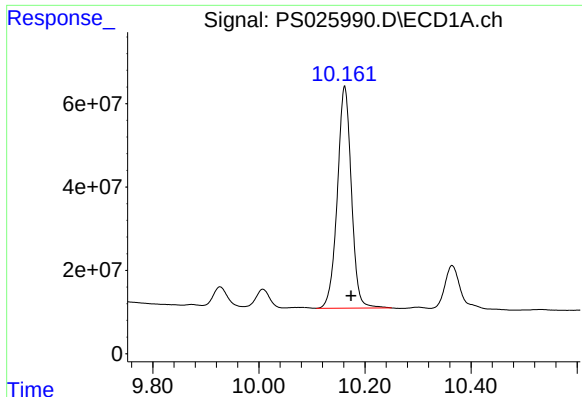
#12 2,4,5-T

R.T.: 9.583 min
Delta R.T.: -0.012 min
Response: 7835253581
Conc: 515.20 ng/ml



#12 2,4,5-T

R.T.: 10.377 min
Delta R.T.: -0.012 min
Response: 2339787740
Conc: 468.62 ng/ml



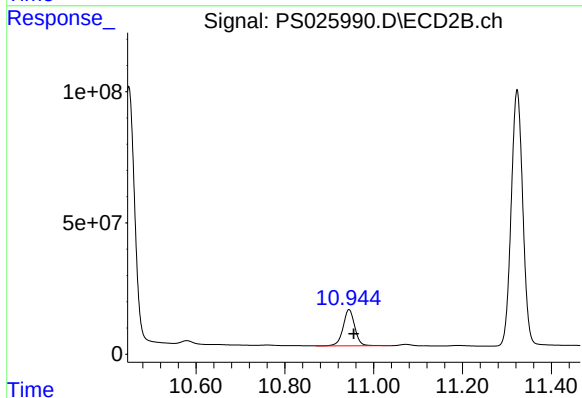
#13 2,4-DB

R.T.: 10.162 min
Delta R.T.: -0.012 min
Response: 976981808
Conc: 498.55 ng/ml

Instrument :
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ClientSampleId :
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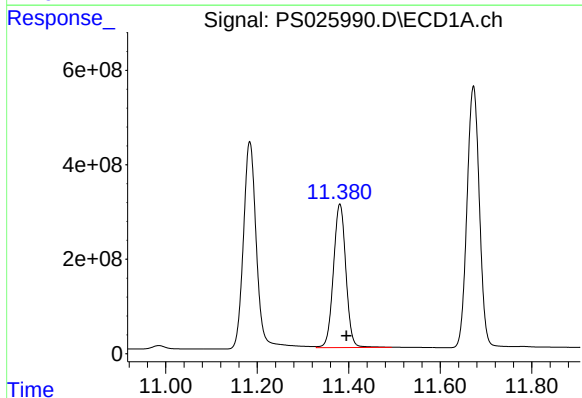
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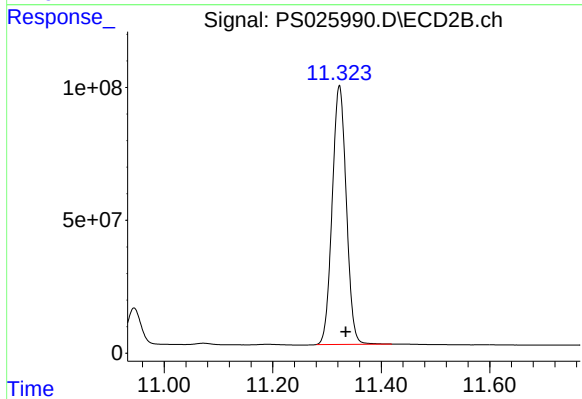
#13 2,4-DB

R.T.: 10.944 min
Delta R.T.: -0.011 min
Response: 252625162
Conc: 456.50 ng/ml



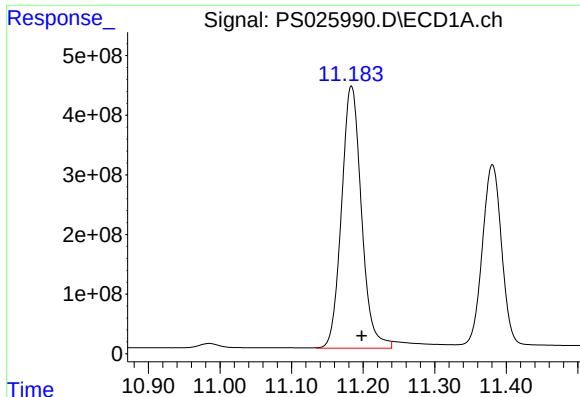
#14 DINOSEB

R.T.: 11.381 min
Delta R.T.: -0.015 min
Response: 5727318044
Conc: 516.71 ng/ml



#14 DINOSEB

R.T.: 11.323 min
Delta R.T.: -0.012 min
Response: 1755497501
Conc: 489.23 ng/ml



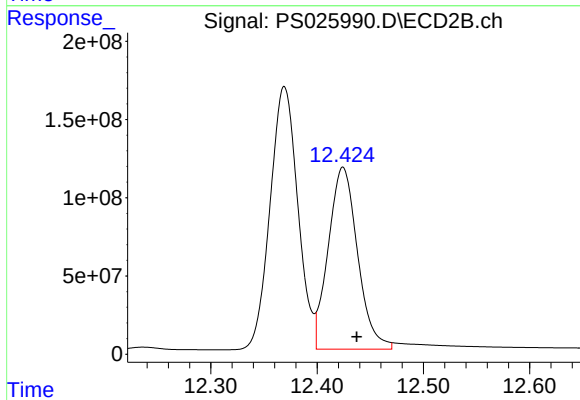
#15 Picloram

R.T.: 11.183 min
Delta R.T.: -0.015 min
Response: 8508402508
Conc: 475.52 ng/ml

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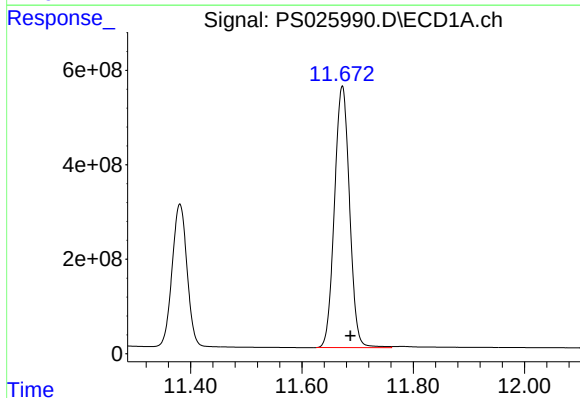
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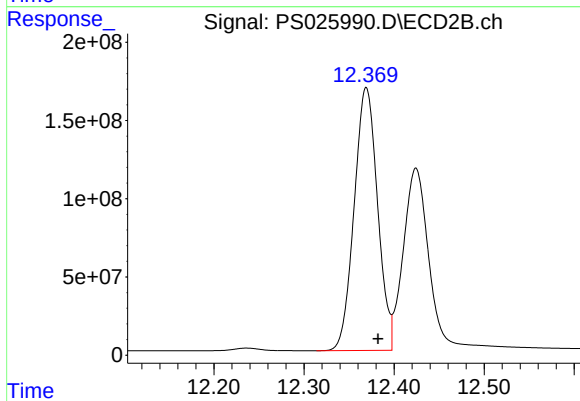
#15 Picloram

R.T.: 12.424 min
Delta R.T.: -0.013 min
Response: 2221772664
Conc: 414.92 ng/ml m



#16 DCPA

R.T.: 11.673 min
Delta R.T.: -0.015 min
Response: 10420204491
Conc: 530.00 ng/ml



#16 DCPA

R.T.: 12.369 min
Delta R.T.: -0.013 min
Response: 3035288243
Conc: 471.32 ng/ml