

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090825\
 Data File : PS031657.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2025 23:13
 Operator : AR\AJ
 Sample : PB169590BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169590BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/09/2025
 Supervised By :mohammad ahmed 09/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 04:03:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090825.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 03:37:51 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	7.284	7.742	1904.5E6	432.9E6	518.302	512.241
Target Compounds							
1) T	Dalapon	2.670	2.691	2534.0E6	1267.5E6	443.172	456.096
2) T	3,5-DICHL...	6.451	6.695	2603.6E6	742.0E6	472.607	486.584
3) T	4-Nitroph...	7.099	7.306	524.5E6	442.1E6	496.991	406.170
5) T	DICAMBA	7.466	7.936	7729.5E6	3068.6E6	474.485	480.801
6) T	MCPD	7.643	8.031	425.5E6	87014896	47.683	45.776
7) T	MCPA	7.792	8.278	506.8E6	127.9E6	46.444	47.860
8) T	DICHLORPROP	8.175	8.656	1743.1E6	713.1E6	478.830	487.948
9) T	2,4-D	8.415	9.003	1821.6E6	729.9E6	495.221	489.580
10) T	Pentachlo...	8.705	9.505	28575.9E6	19981.0E6	516.942	507.116
11) T	2,4,5-TP ...	9.283	9.890	10430.0E6	7258.8E6	483.721	495.790
12) T	2,4,5-T	9.582	10.321	8597.7E6	5924.4E6	476.950	490.059
13) T	2,4-DB	10.158	10.892	930.2E6	357.3E6	469.677	464.521
14) T	DINOSEB	11.351	11.262	7530.1E6	5073.7E6	466.515	470.633
15) T	Picloram	11.191	12.395	5890.8E6	7851.4E6	459.866m	475.597
16) T	DCPA	11.649	12.302	13522.2E6	12189.3E6	491.229	512.504

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

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Acq On : 08 Sep 2025 23:13
Operator : AR\AJ
Sample : PB169590BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

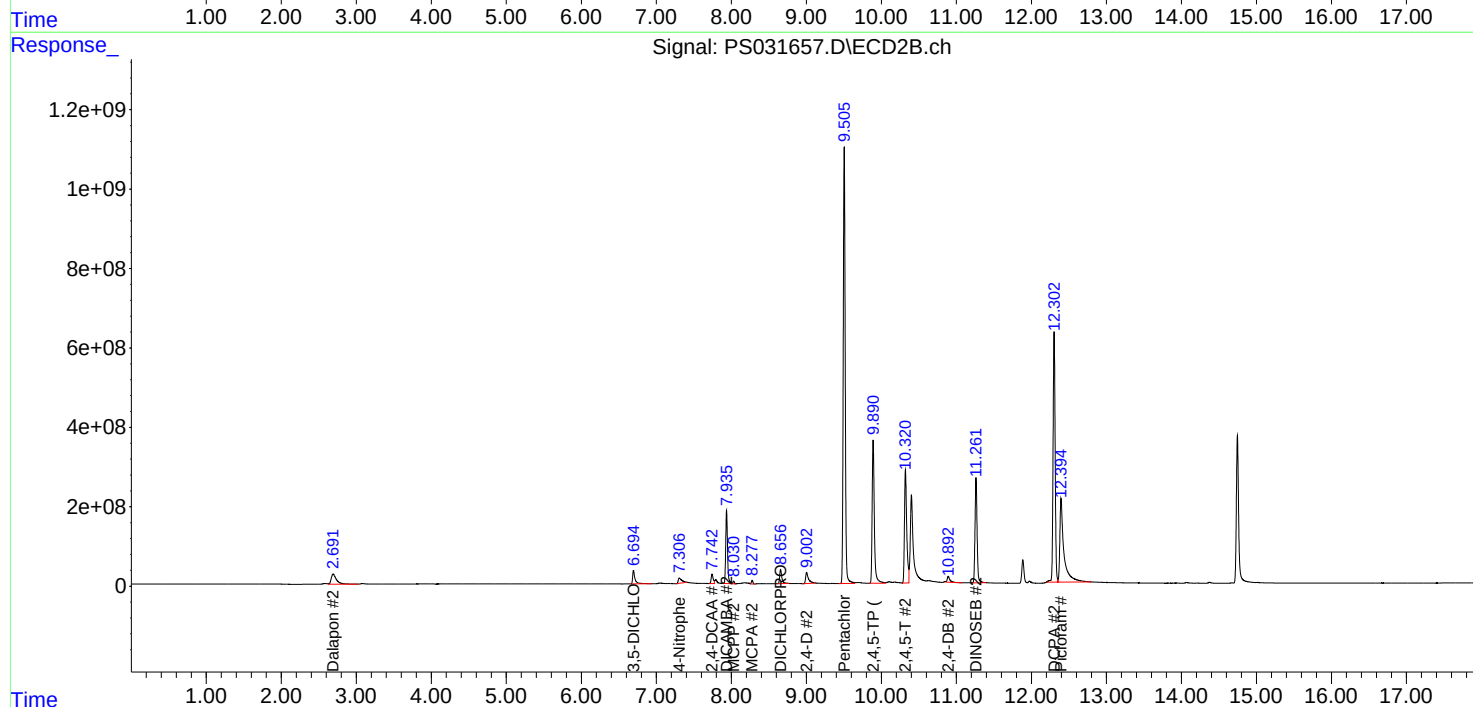
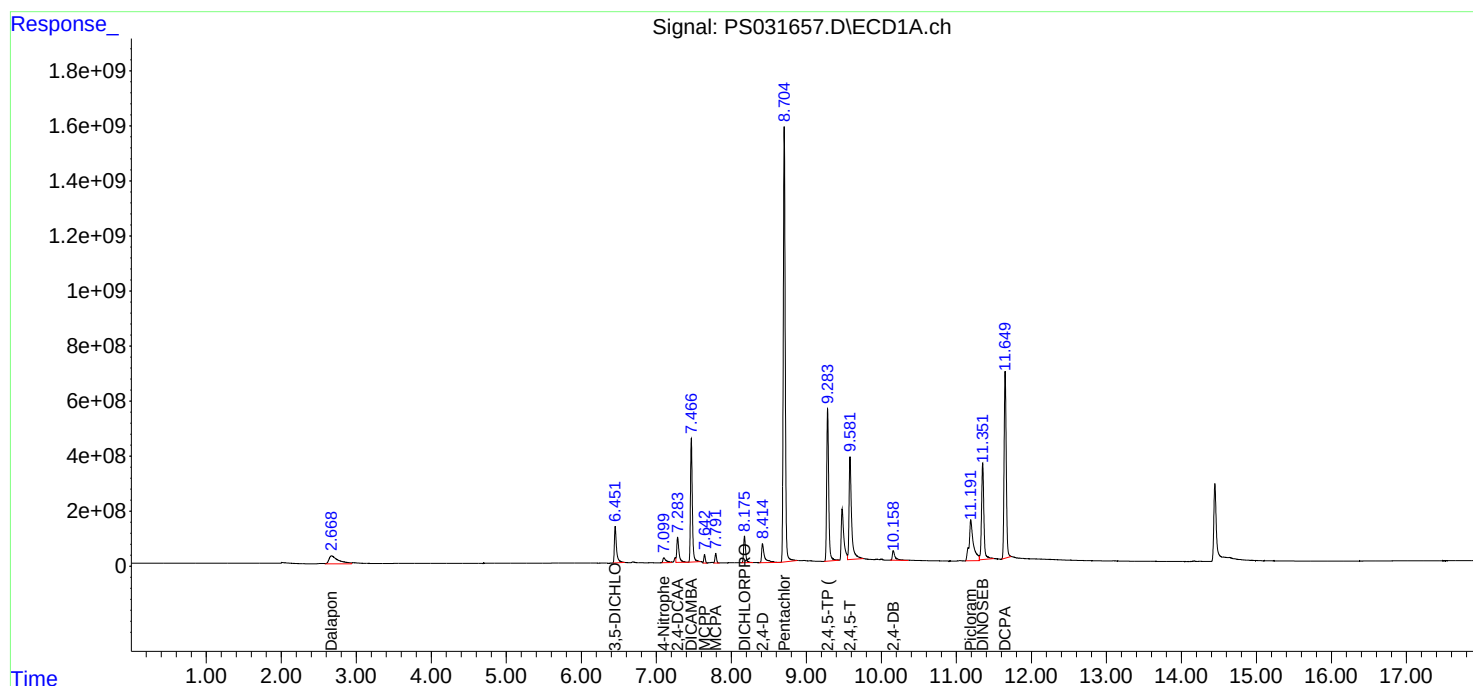
Instrument :
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ClientSampleId :
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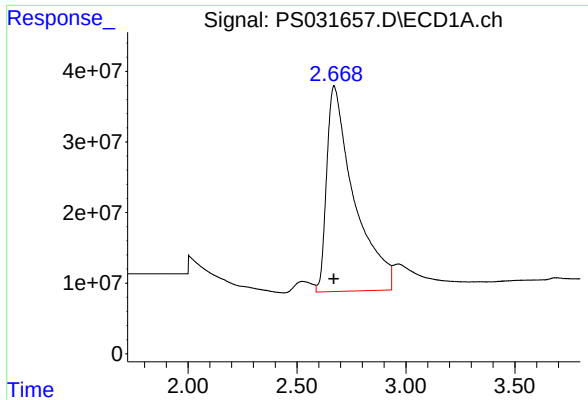
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.670 min
Delta R.T.: 0.000 min
Response: 2534031184
Conc: 443.17 ng/ml

Instrument :

ECD_S

ClientSampleId :

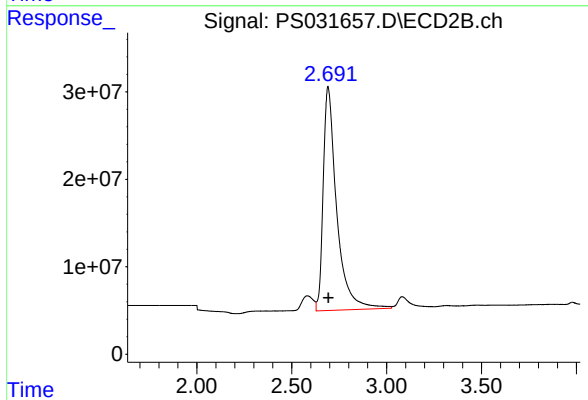
PB169590BS

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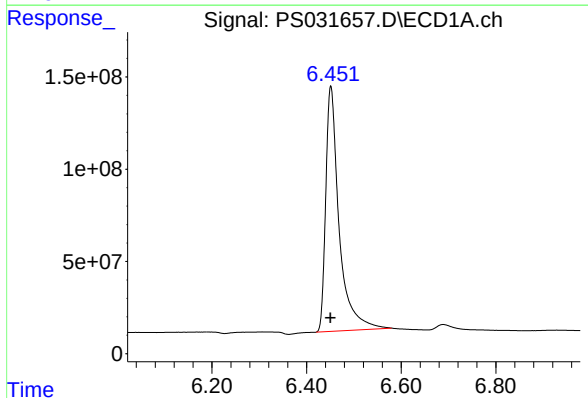
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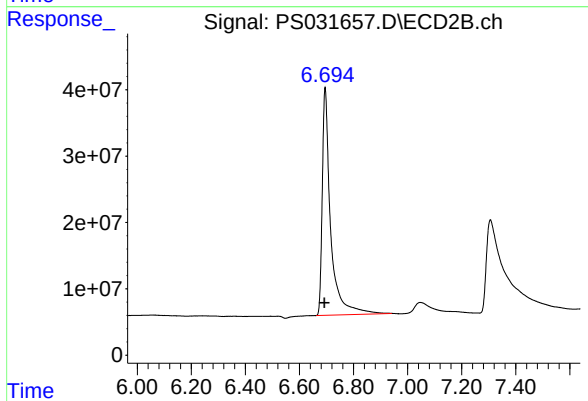
#1 Dalapon

R.T.: 2.691 min
Delta R.T.: -0.001 min
Response: 1267496367
Conc: 456.10 ng/ml



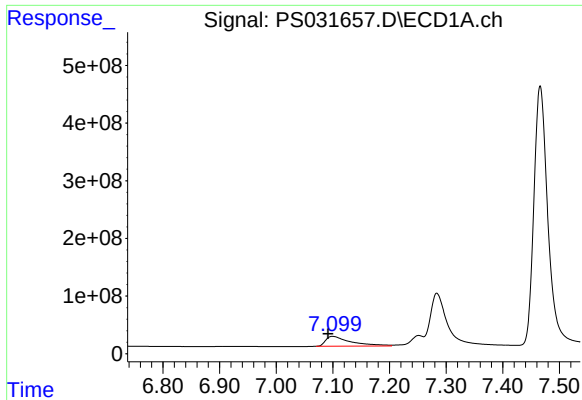
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.451 min
Delta R.T.: 0.000 min
Response: 2603564676
Conc: 472.61 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.695 min
Delta R.T.: 0.003 min
Response: 741960813
Conc: 486.58 ng/ml



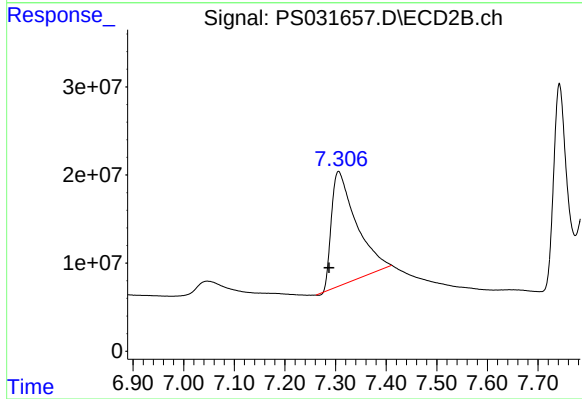
#3 4-Nitrophenol

R.T.: 7.099 min
Delta R.T.: 0.008 min
Response: 524503831
Conc: 496.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169590BS

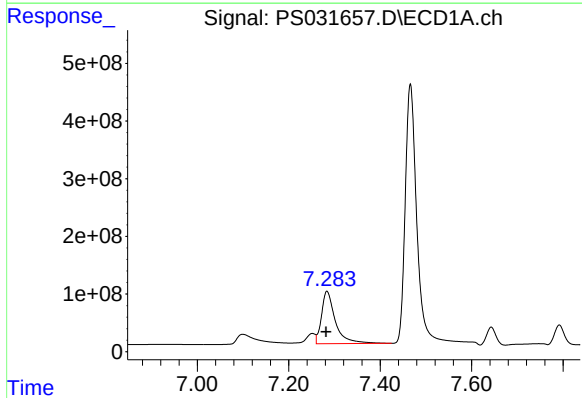
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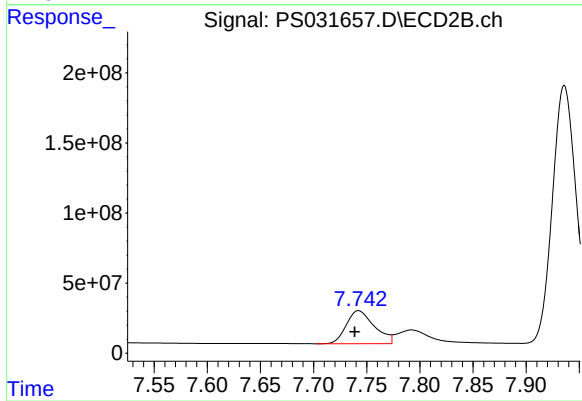
#3 4-Nitrophenol

R.T.: 7.306 min
Delta R.T.: 0.019 min
Response: 442054487
Conc: 406.17 ng/ml



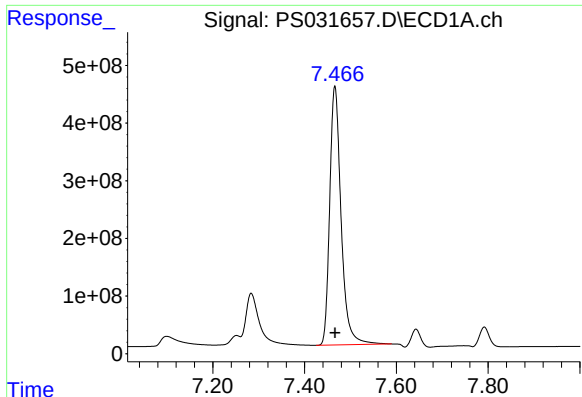
#4 2,4-DCAA

R.T.: 7.284 min
Delta R.T.: 0.001 min
Response: 1904532238
Conc: 518.30 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: 0.004 min
Response: 432942252
Conc: 512.24 ng/ml



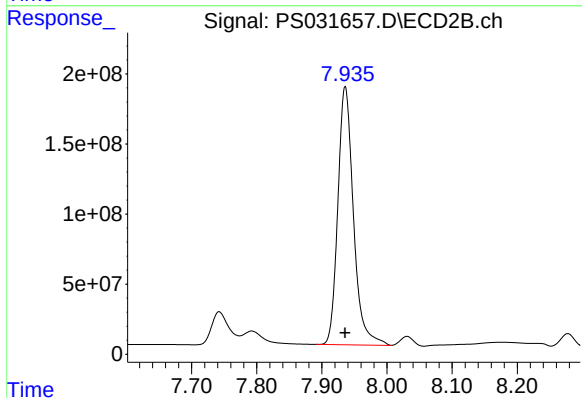
#5 DICAMBA

R.T.: 7.466 min
Delta R.T.: 0.000 min
Response: 7729471084
Conc: 474.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169590BS

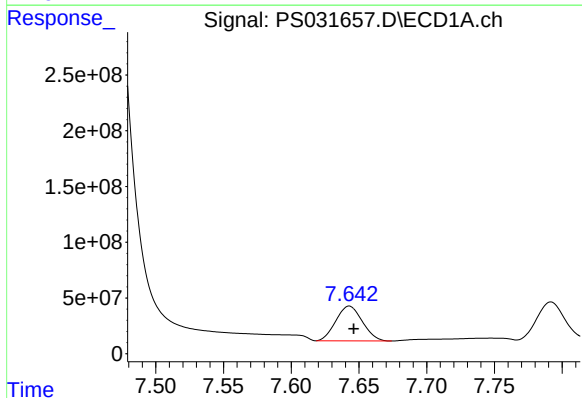
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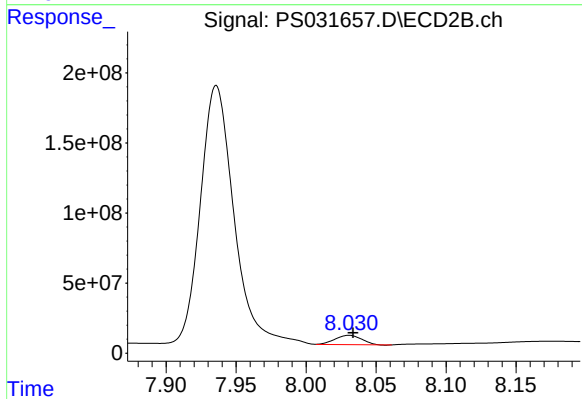
#5 DICAMBA

R.T.: 7.936 min
Delta R.T.: 0.000 min
Response: 3068609310
Conc: 480.80 ng/ml



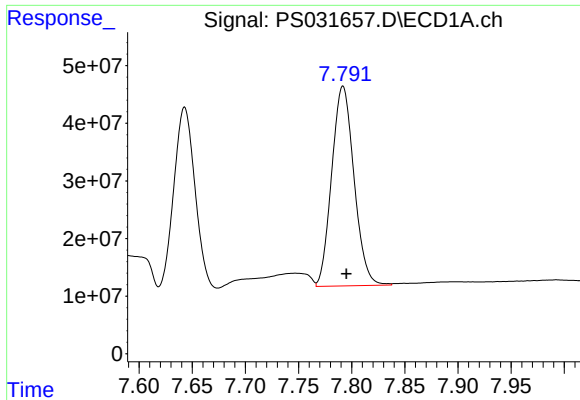
#6 MCP

R.T.: 7.643 min
Delta R.T.: -0.003 min
Response: 425467249
Conc: 47.68 ug/ml



#6 MCP

R.T.: 8.031 min
Delta R.T.: -0.003 min
Response: 87014896
Conc: 45.78 ug/ml



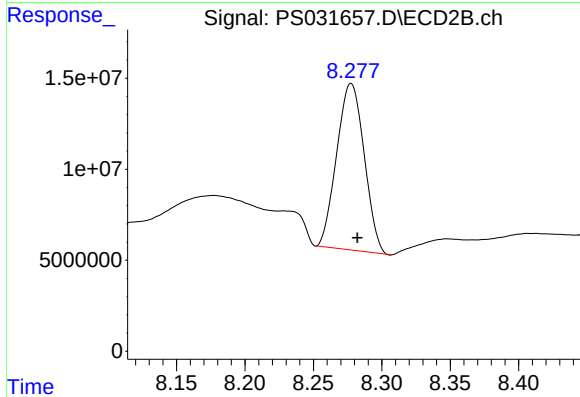
#7 MCPA

R.T.: 7.792 min
Delta R.T.: -0.003 min
Response: 506821594
Conc: 46.44 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB169590BS

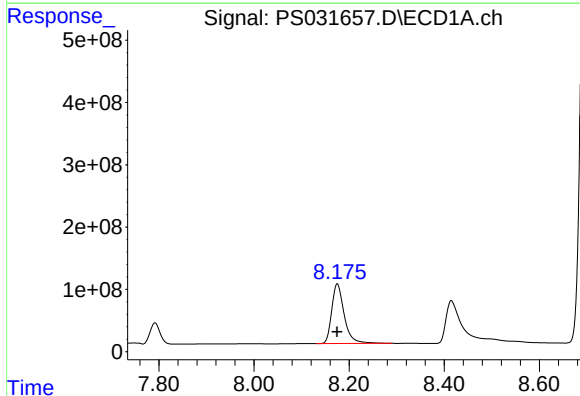
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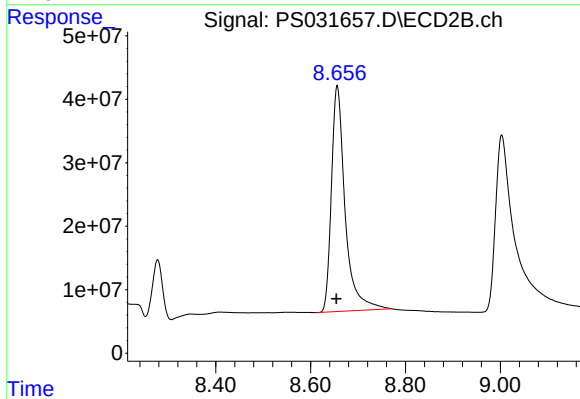
#7 MCPA

R.T.: 8.278 min
Delta R.T.: -0.005 min
Response: 127948942
Conc: 47.86 ug/ml



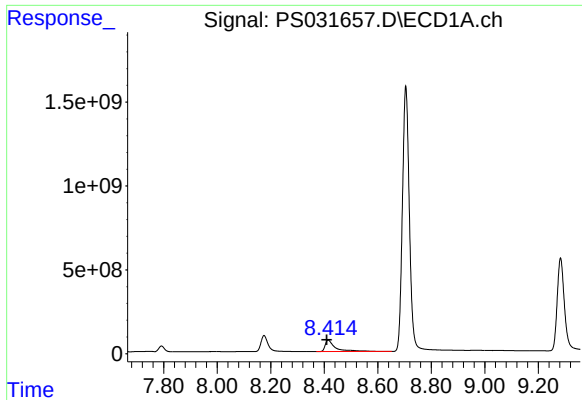
#8 DICHLORPROP

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 1743060257
Conc: 478.83 ng/ml



#8 DICHLORPROP

R.T.: 8.656 min
Delta R.T.: 0.002 min
Response: 713059438
Conc: 487.95 ng/ml



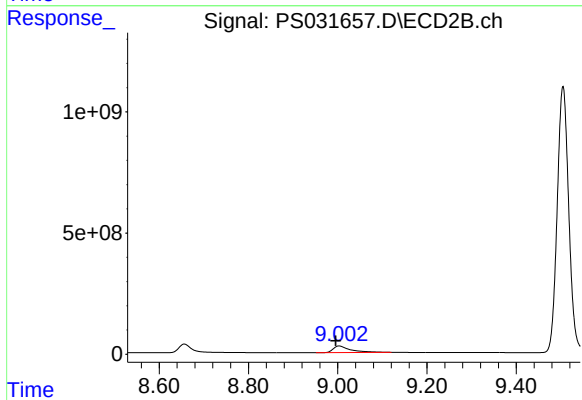
#9 2,4-D

R.T.: 8.415 min
Delta R.T.: 0.005 min
Response: 1821647441
Conc: 495.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169590BS

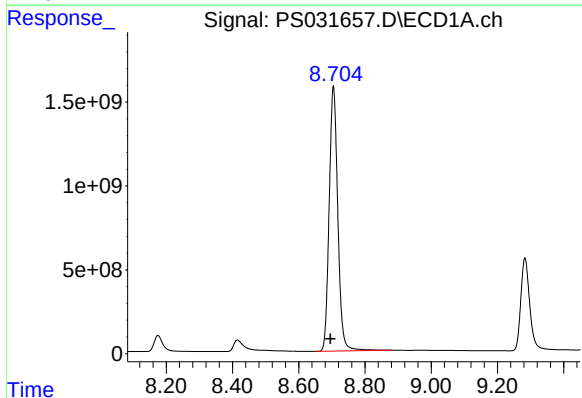
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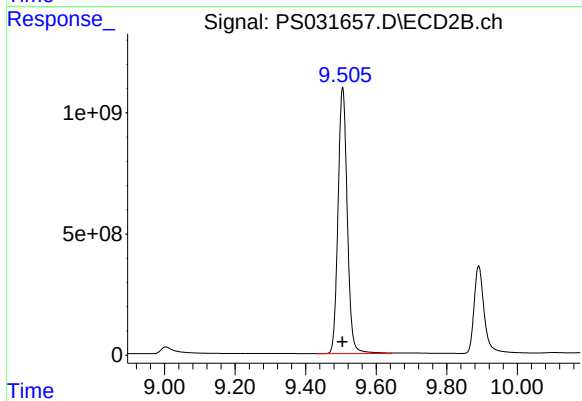
#9 2,4-D

R.T.: 9.003 min
Delta R.T.: 0.007 min
Response: 729872145
Conc: 489.58 ng/ml



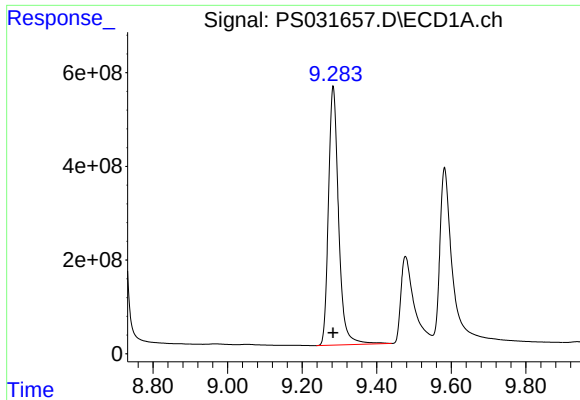
#10 Pentachlorophenol

R.T.: 8.705 min
Delta R.T.: 0.008 min
Response: 28575912895
Conc: 516.94 ng/ml



#10 Pentachlorophenol

R.T.: 9.505 min
Delta R.T.: 0.000 min
Response: 19981002530
Conc: 507.12 ng/ml



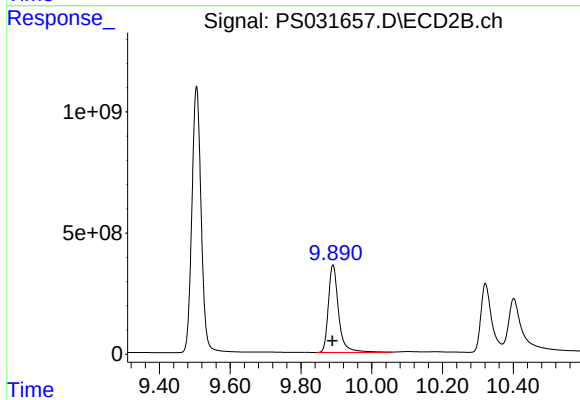
#11 2,4,5-TP (SILVEX)

R.T.: 9.283 min
Delta R.T.: 0.000 min
Response: 10429972018
Conc: 483.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169590BS

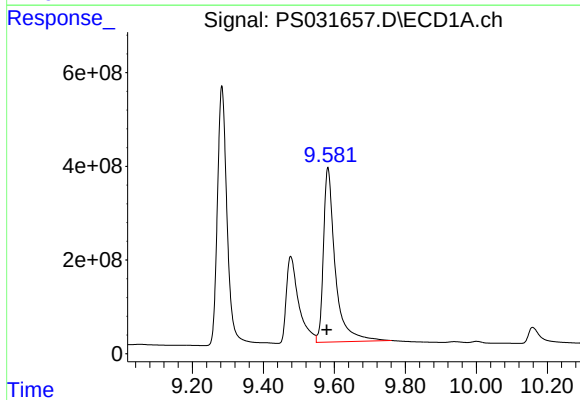
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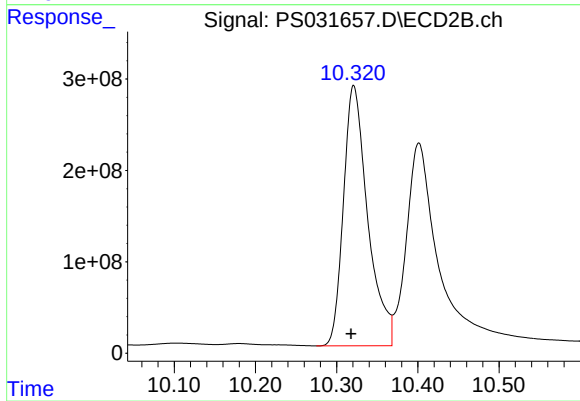
#11 2,4,5-TP (SILVEX)

R.T.: 9.890 min
Delta R.T.: 0.002 min
Response: 7258826453
Conc: 495.79 ng/ml



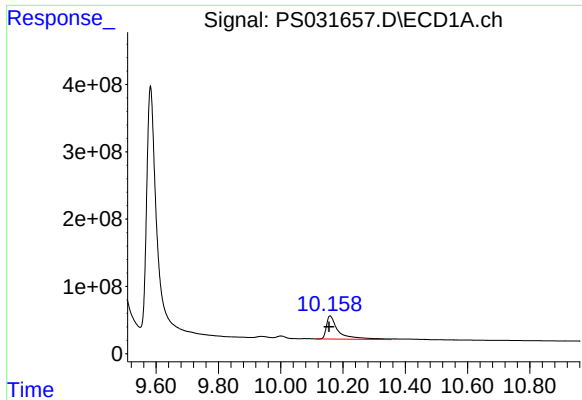
#12 2,4,5-T

R.T.: 9.582 min
Delta R.T.: 0.003 min
Response: 8597737432
Conc: 476.95 ng/ml



#12 2,4,5-T

R.T.: 10.321 min
Delta R.T.: 0.004 min
Response: 5924363290
Conc: 490.06 ng/ml



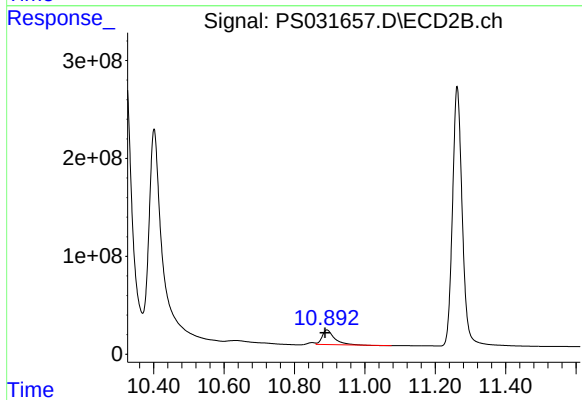
#13 2,4-DB

R.T.: 10.158 min
Delta R.T.: 0.002 min
Response: 930177001
Conc: 469.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169590BS

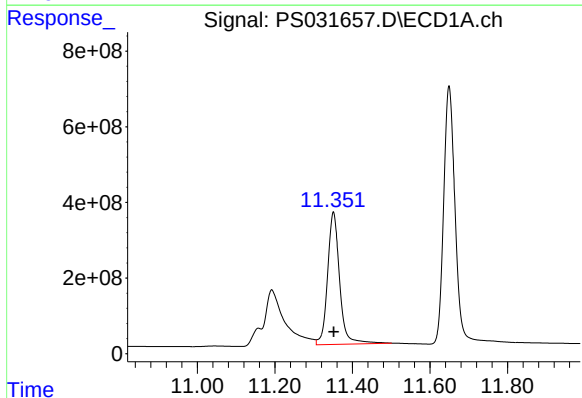
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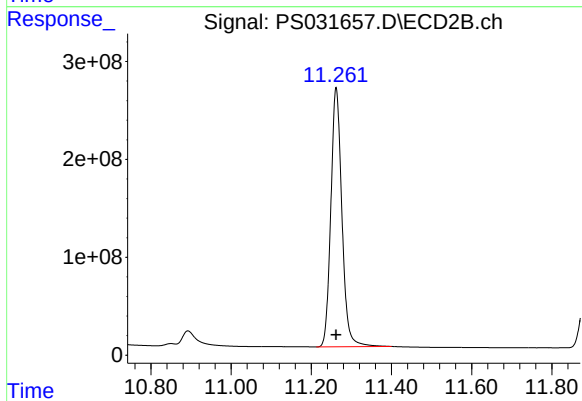
#13 2,4-DB

R.T.: 10.892 min
Delta R.T.: 0.006 min
Response: 357267882
Conc: 464.52 ng/ml



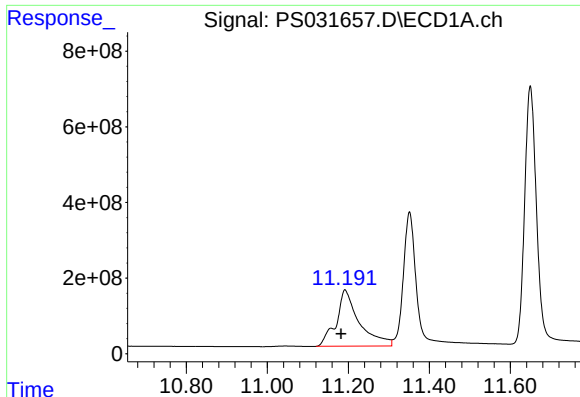
#14 DINOSEB

R.T.: 11.351 min
Delta R.T.: 0.000 min
Response: 7530067496
Conc: 466.51 ng/ml



#14 DINOSEB

R.T.: 11.262 min
Delta R.T.: 0.000 min
Response: 5073687329
Conc: 470.63 ng/ml



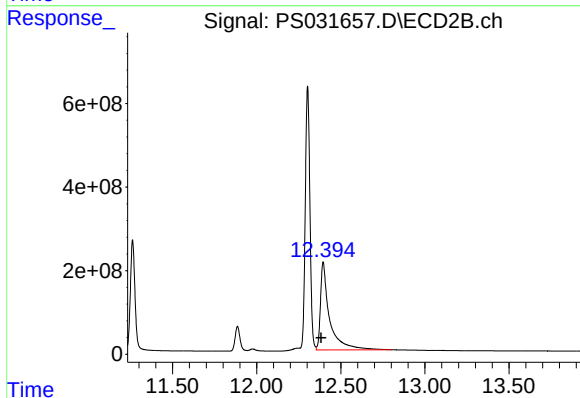
#15 Picloram

R.T.: 11.191 min
Delta R.T.: 0.009 min
Response: 5890805846
Conc: 459.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169590BS

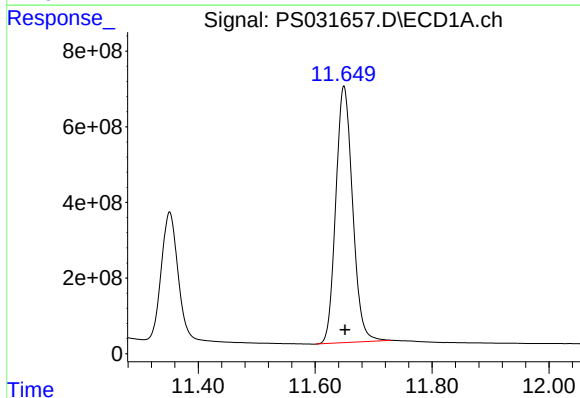
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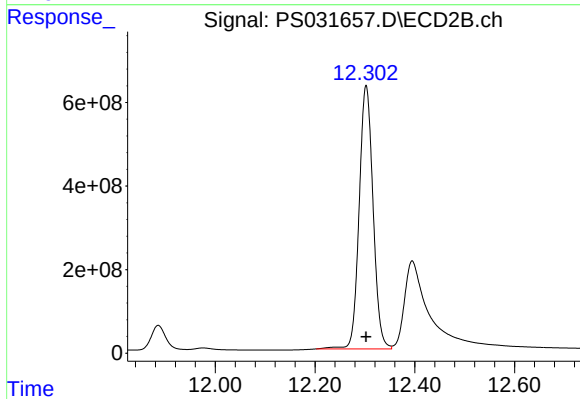
#15 Picloram

R.T.: 12.395 min
Delta R.T.: 0.012 min
Response: 7851372222
Conc: 475.60 ng/ml



#16 DCPA

R.T.: 11.649 min
Delta R.T.: -0.002 min
Response: 13522229382
Conc: 491.23 ng/ml



#16 DCPA

R.T.: 12.302 min
Delta R.T.: 0.000 min
Response: 12189341015
Conc: 512.50 ng/ml