

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091625\
 Data File : PS031755.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Sep 2025 16:56
 Operator : AR\AJ
 Sample : PB169700BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169700BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/17/2025
 Supervised By :mohammad ahmed 09/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 17 05:46:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.286	7.745	2003.4E6	462.8E6	556.269	509.206
Target Compounds							
1) T	Dalapon	2.671	2.690	2734.7E6	1363.9E6	473.063	484.069
2) T	3,5-DICHL...	6.453	6.697	2722.8E6	772.7E6	510.528	506.680
3) T	4-Nitroph...	7.101	7.305	614.3E6	601.3E6	556.840	476.188m
5) T	DICAMBA	7.468	7.939	8055.9E6	3197.8E6	516.512	491.449
6) T	MCPD	7.645	8.034	438.1E6	94385914	49.007	50.115
7) T	MCPA	7.794	8.280	537.7E6	136.9E6	48.396	48.867
8) T	DICHLORPROP	8.178	8.658	1832.9E6	746.3E6	514.597	512.927
9) T	2,4-D	8.416	9.004	1813.6E6	791.4E6	529.409m	481.074
10) T	Pentachlo...	8.707	9.508	29888.4E6	20678.8E6	562.935	521.000
11) T	2,4,5-TP ...	9.285	9.893	11050.9E6	7572.5E6	526.893	503.013
12) T	2,4,5-T	9.583	10.323	9923.8E6	6498.3E6	542.339	482.891
13) T	2,4-DB	10.160	10.892	1116.2E6	454.7E6	478.495m	424.962
14) T	DINOSEB	11.353	11.265	8064.9E6	5310.9E6	559.180	546.355
15) T	Picloram	11.188	12.391	9202.4E6	10797.3E6	510.931	455.903
16) T	DCPA	11.652	12.306	14600.7E6	12478.5E6	541.772	517.690

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

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Acq On : 16 Sep 2025 16:56
Operator : AR\AJ
Sample : PB169700BS
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ALS Vial : 6 Sample Multiplier: 1

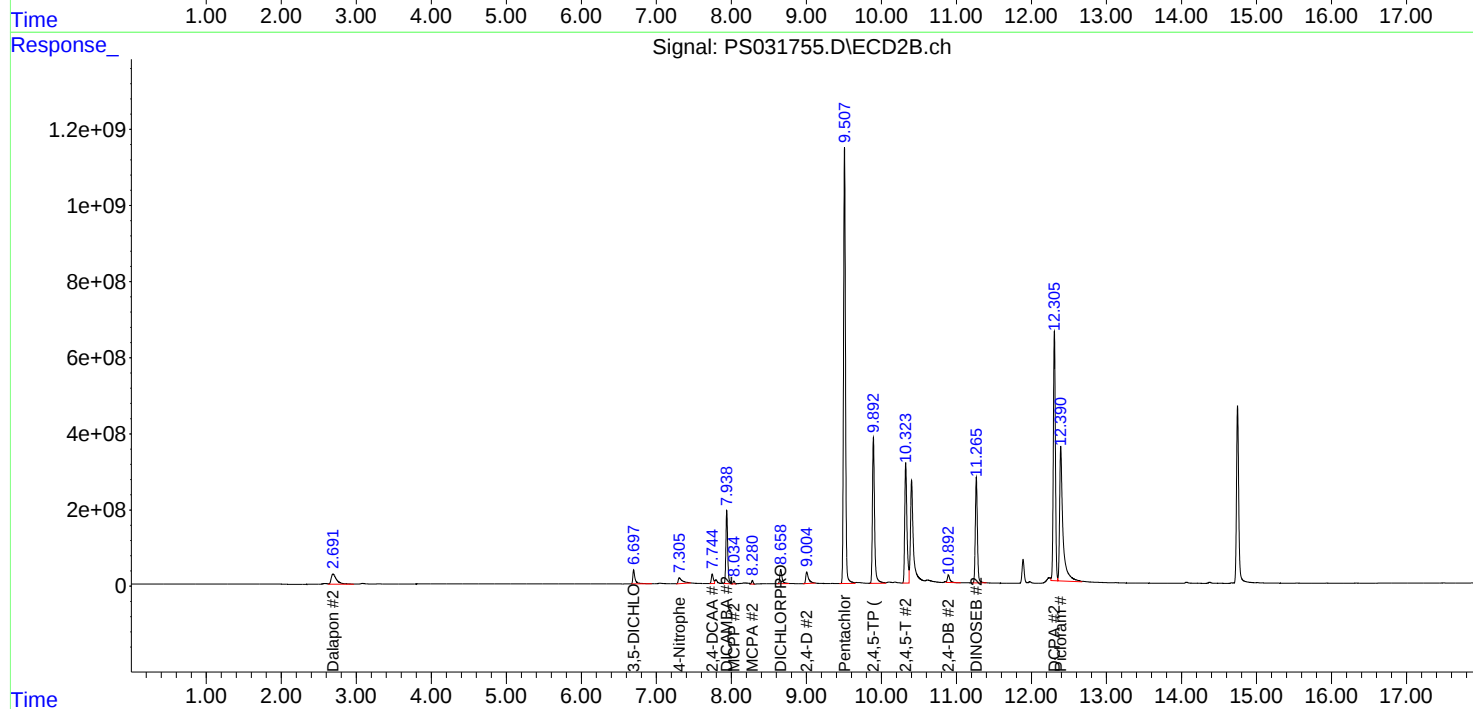
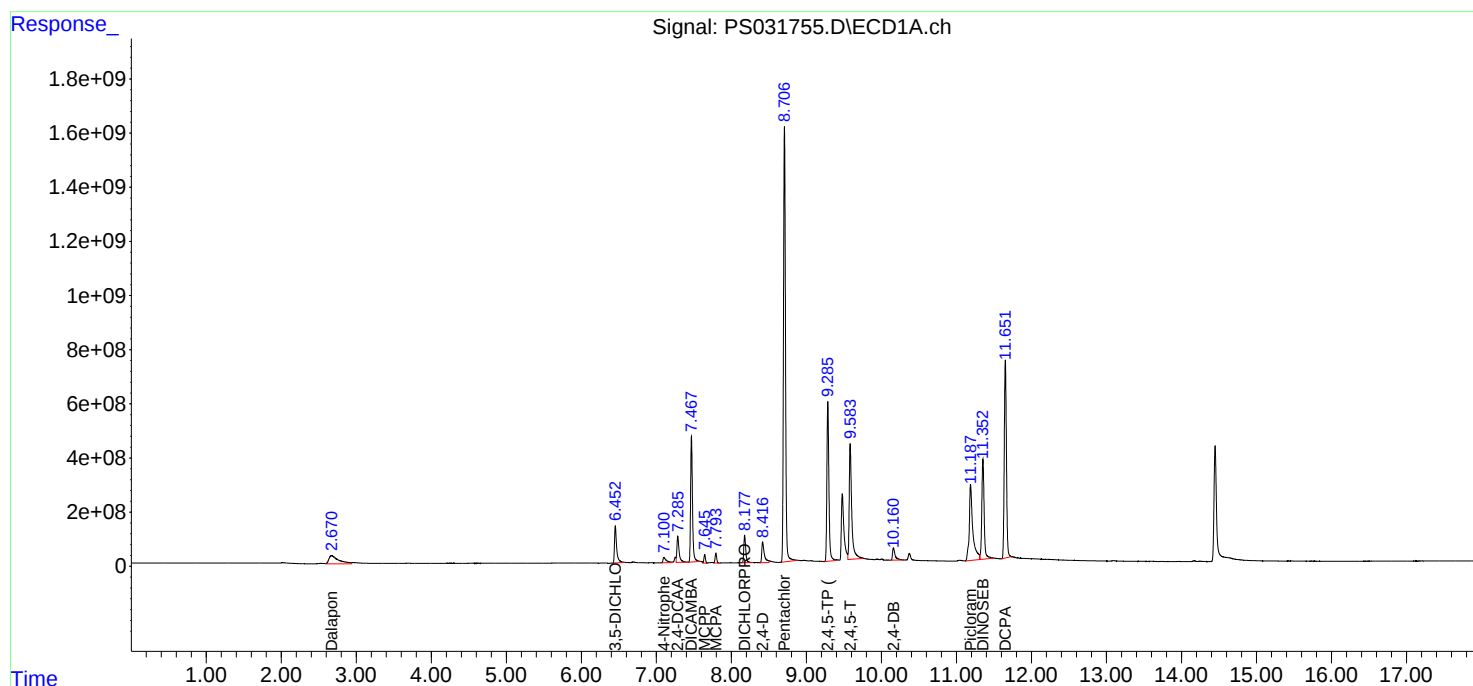
Instrument :
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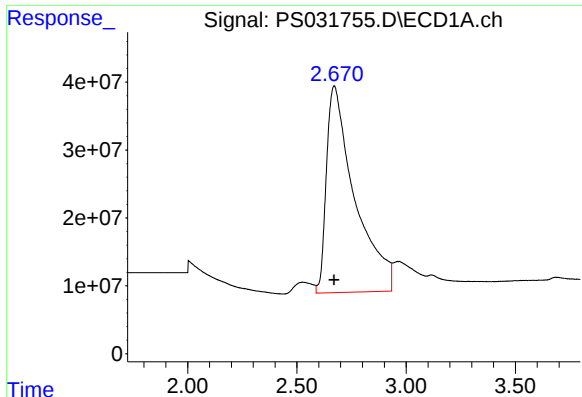
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#1 Dalapon

R.T.: 2.671 min
Delta R.T.: 0.000 min
Response: 2734656004
Conc: 473.06 ng/ml

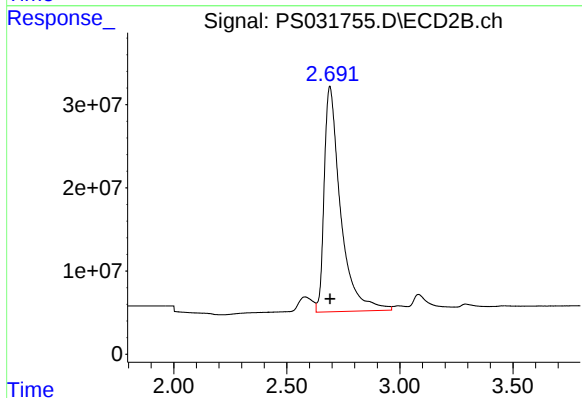
Instrument :

ECD_S

ClientSampleId :
PB169700BS

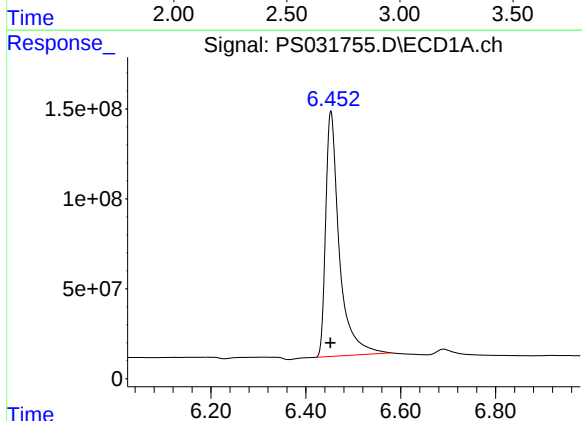
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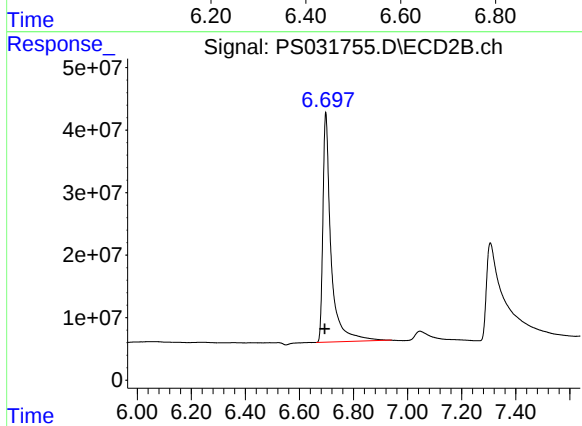
#1 Dalapon

R.T.: 2.690 min
Delta R.T.: -0.002 min
Response: 1363925426
Conc: 484.07 ng/ml



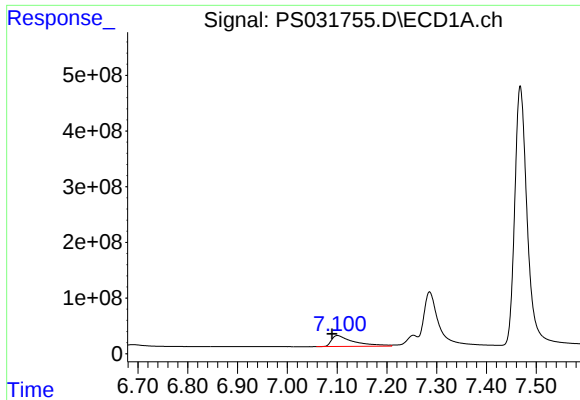
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: 0.001 min
Response: 2722828442
Conc: 510.53 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.697 min
Delta R.T.: 0.004 min
Response: 772669846
Conc: 506.68 ng/ml



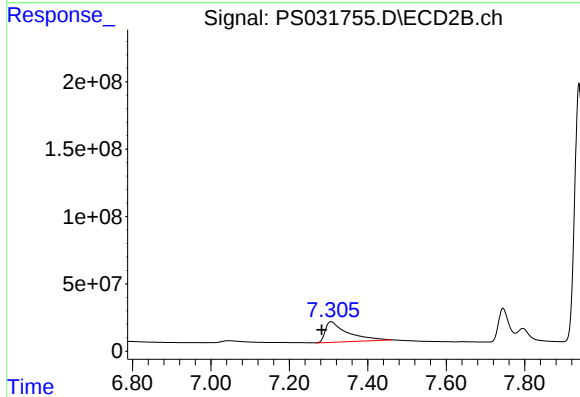
#3 4-Nitrophenol

R.T.: 7.101 min
Delta R.T.: 0.011 min
Response: 614311113
Conc: 556.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169700BS

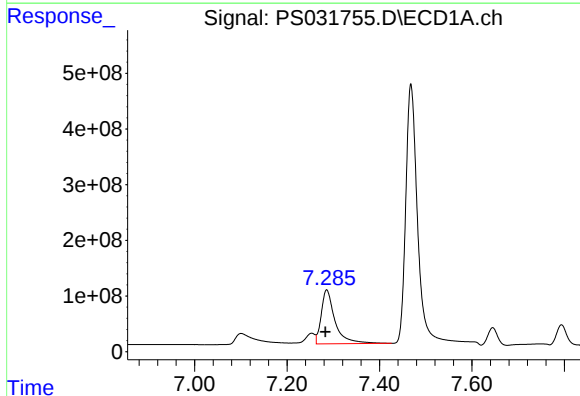
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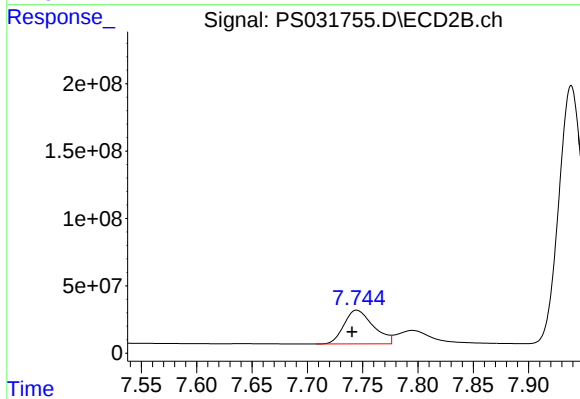
#3 4-Nitrophenol

R.T.: 7.305 min
Delta R.T.: 0.022 min
Response: 601323950
Conc: 476.19 ng/ml m



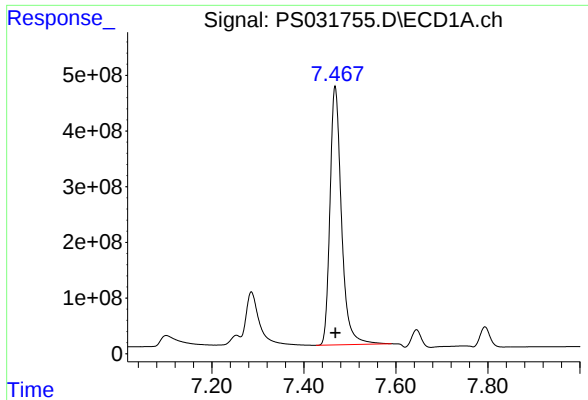
#4 2,4-DCAA

R.T.: 7.286 min
Delta R.T.: 0.003 min
Response: 2003418404
Conc: 556.27 ng/ml



#4 2,4-DCAA

R.T.: 7.745 min
Delta R.T.: 0.004 min
Response: 462817056
Conc: 509.21 ng/ml



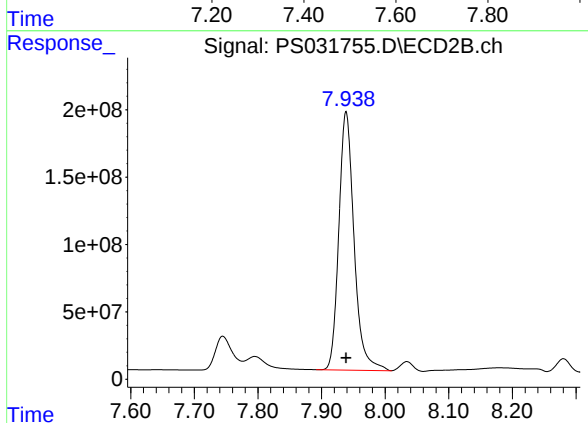
#5 DICAMBA

R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 8055884027
Conc: 516.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169700BS

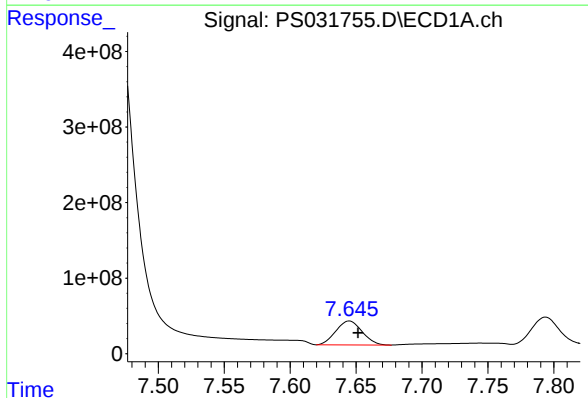
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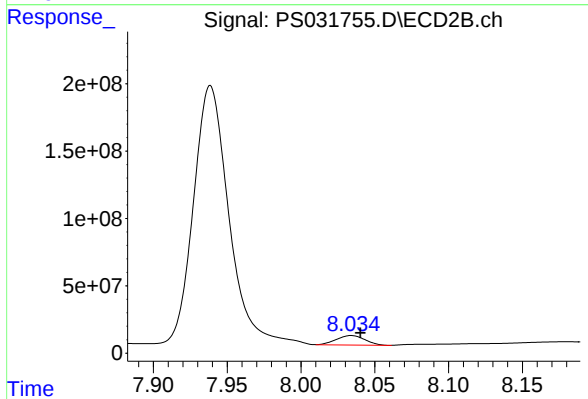
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 3197784729
Conc: 491.45 ng/ml



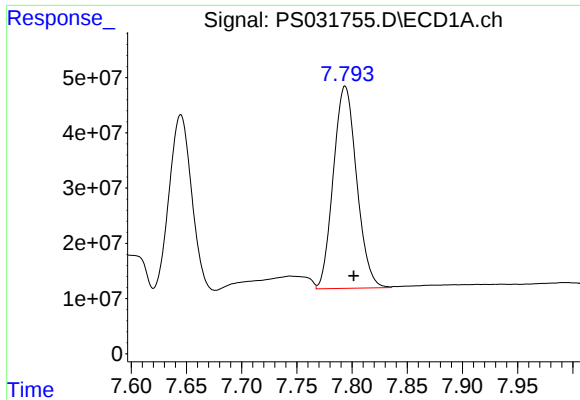
#6 MCPP

R.T.: 7.645 min
Delta R.T.: -0.007 min
Response: 438081679
Conc: 49.01 ug/ml



#6 MCPP

R.T.: 8.034 min
Delta R.T.: -0.006 min
Response: 94385914
Conc: 50.11 ug/ml



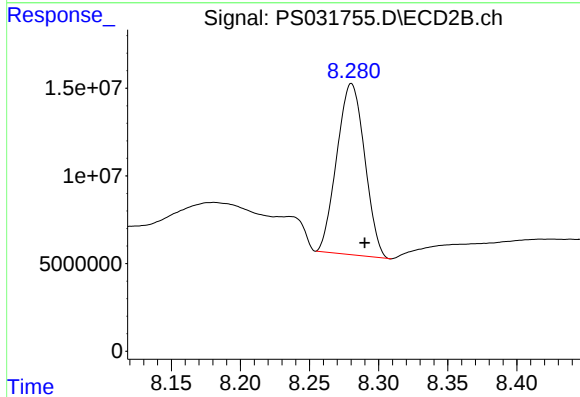
#7 MCPA

R.T.: 7.794 min
Delta R.T.: -0.008 min
Response: 537701360
Conc: 48.40 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB169700BS

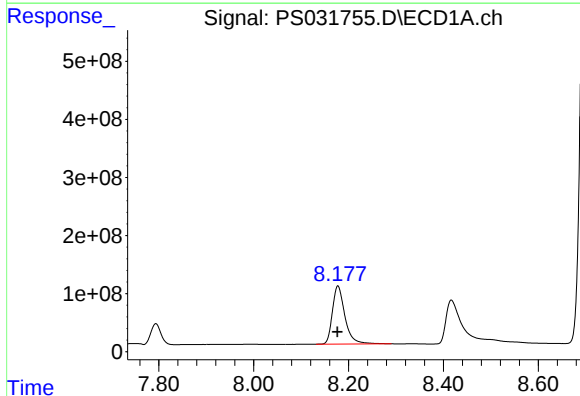
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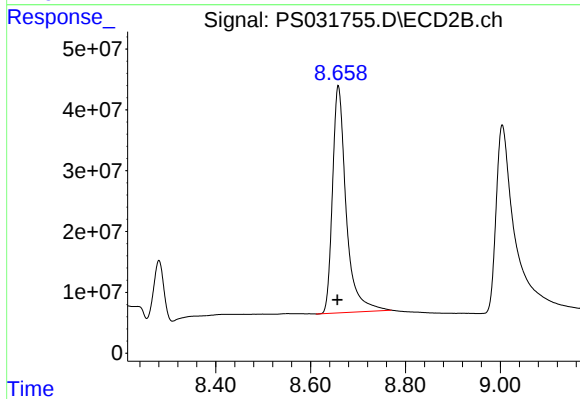
#7 MCPA

R.T.: 8.280 min
Delta R.T.: -0.010 min
Response: 136887732
Conc: 48.87 ug/ml



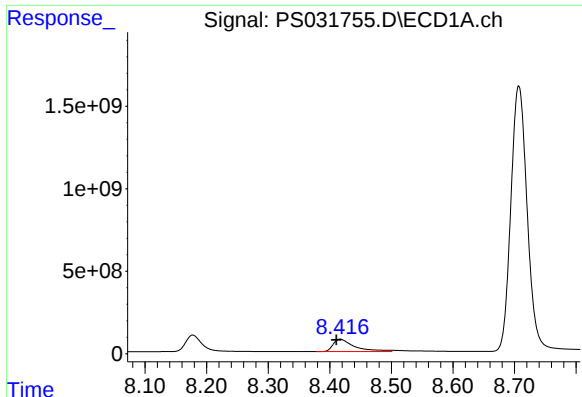
#8 DICHLORPROP

R.T.: 8.178 min
Delta R.T.: 0.001 min
Response: 1832873584
Conc: 514.60 ng/ml



#8 DICHLORPROP

R.T.: 8.658 min
Delta R.T.: 0.002 min
Response: 746339033
Conc: 512.93 ng/ml



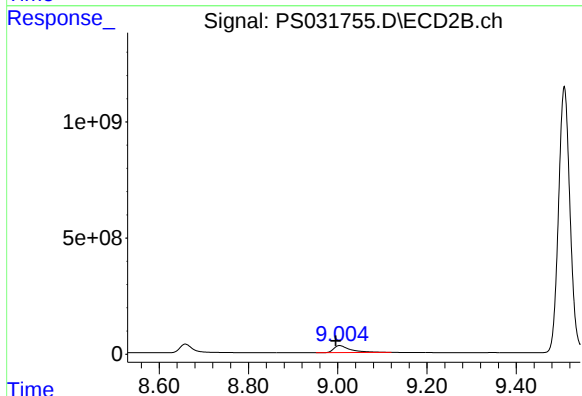
#9 2,4-D

R.T.: 8.416 min
Delta R.T.: 0.005 min
Response: 1813563274
Conc: 529.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169700BS

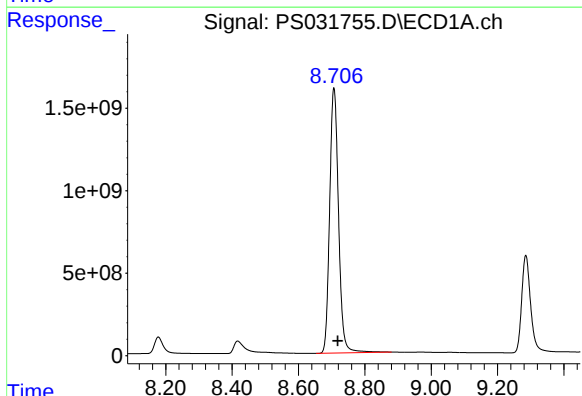
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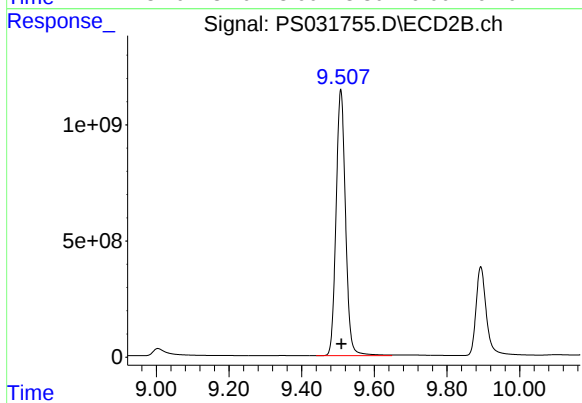
#9 2,4-D

R.T.: 9.004 min
Delta R.T.: 0.008 min
Response: 791420509
Conc: 481.07 ng/ml



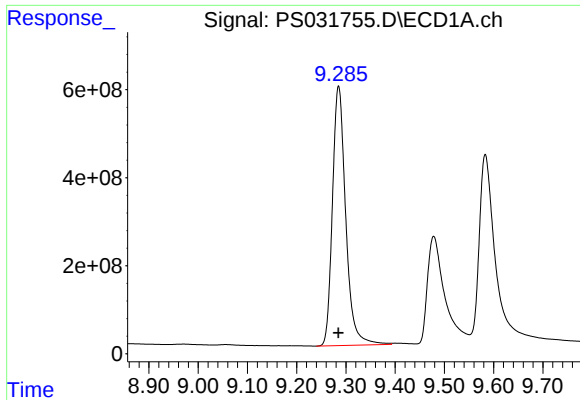
#10 Pentachlorophenol

R.T.: 8.707 min
Delta R.T.: -0.012 min
Response: 29888379727
Conc: 562.93 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.002 min
Response: 20678780358
Conc: 521.00 ng/ml



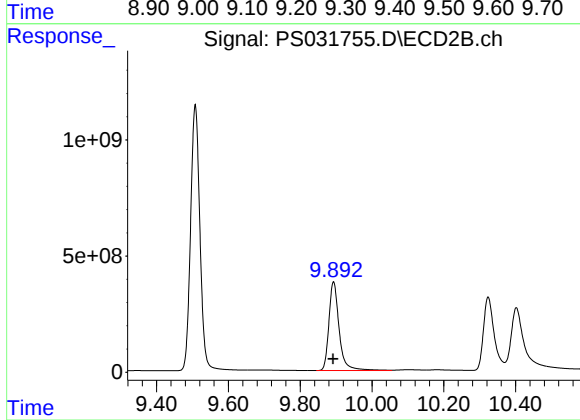
#11 2,4,5-TP (SILVEX)

R.T.: 9.285 min
Delta R.T.: 0.000 min
Response: 11050880767
Conc: 526.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169700BS

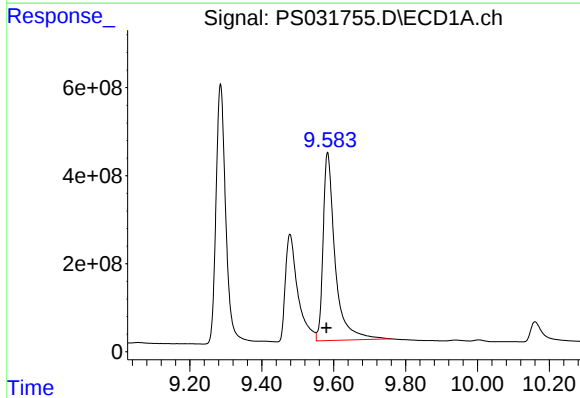
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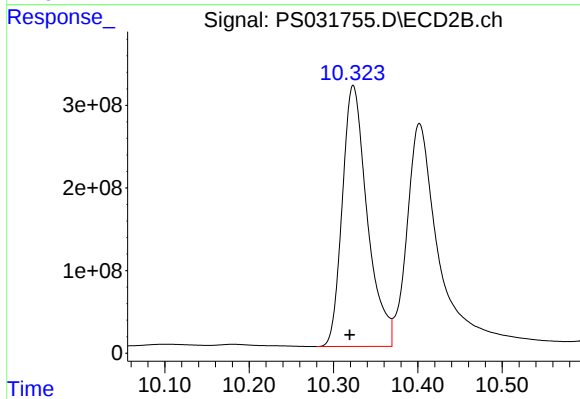
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: 0.001 min
Response: 7572512582
Conc: 503.01 ng/ml



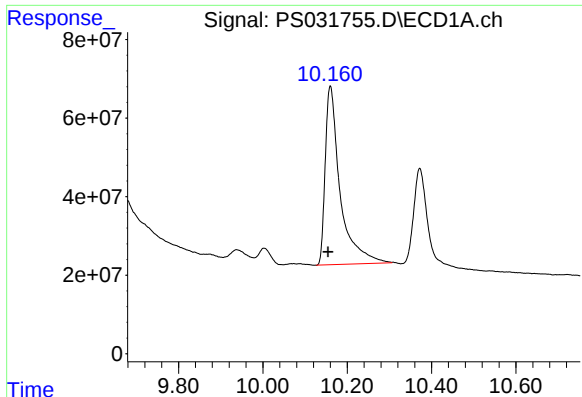
#12 2,4,5-T

R.T.: 9.583 min
Delta R.T.: 0.004 min
Response: 9923809254
Conc: 542.34 ng/ml



#12 2,4,5-T

R.T.: 10.323 min
Delta R.T.: 0.004 min
Response: 6498276997
Conc: 482.89 ng/ml



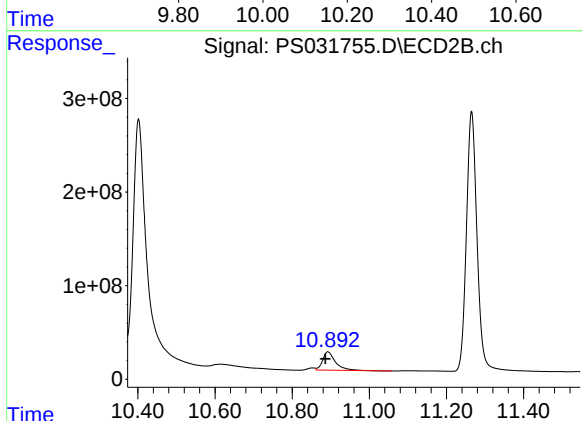
#13 2,4-DB

R.T.: 10.160 min
Delta R.T.: 0.005 min
Response: 1116217013
Conc: 478.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169700BS

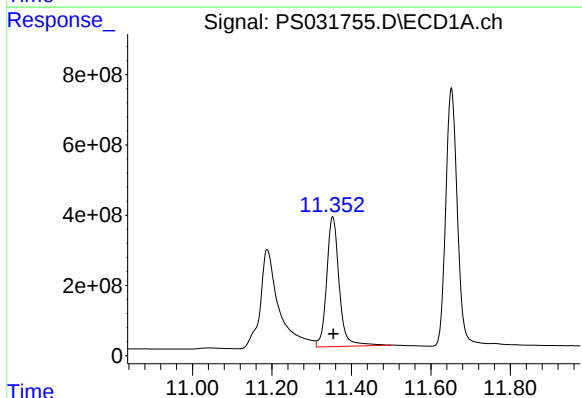
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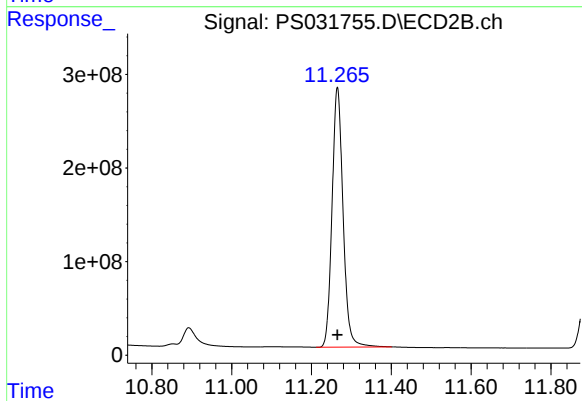
#13 2,4-DB

R.T.: 10.892 min
Delta R.T.: 0.006 min
Response: 454727931
Conc: 424.96 ng/ml



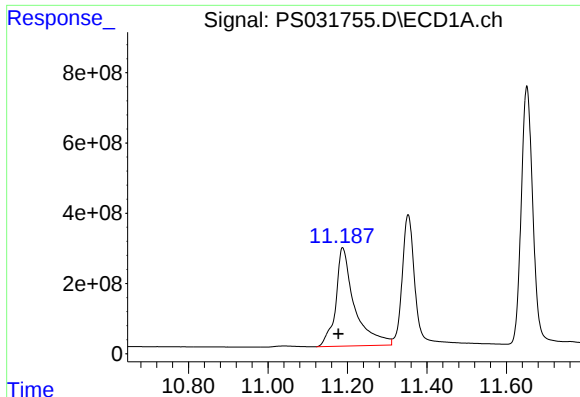
#14 DINOSEB

R.T.: 11.353 min
Delta R.T.: -0.001 min
Response: 8064882663
Conc: 559.18 ng/ml



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 5310945895
Conc: 546.36 ng/ml



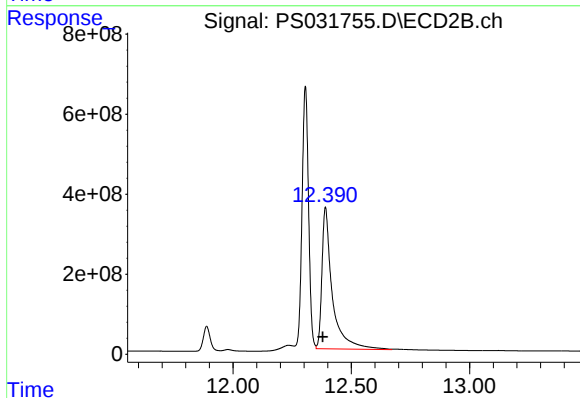
#15 Picloram

R.T.: 11.188 min
Delta R.T.: 0.010 min
Response: 9202414612
Conc: 510.93 ng/ml

Instrument :
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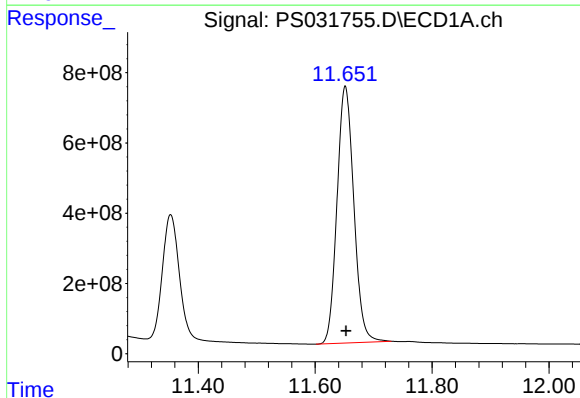
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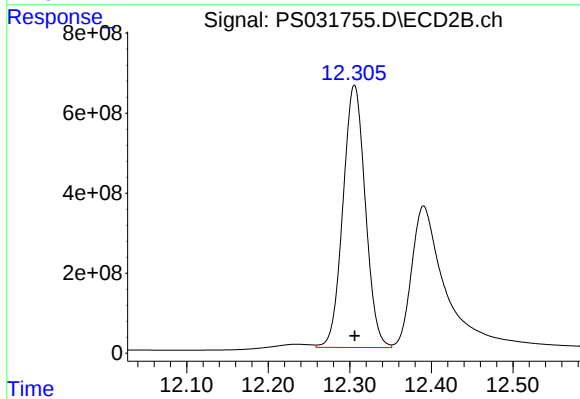
#15 Picloram

R.T.: 12.391 min
Delta R.T.: 0.011 min
Response: 10797259056
Conc: 455.90 ng/ml



#16 DCPA

R.T.: 11.652 min
Delta R.T.: -0.001 min
Response: 14600708519
Conc: 541.77 ng/ml



#16 DCPA

R.T.: 12.306 min
Delta R.T.: 0.000 min
Response: 12478451691
Conc: 517.69 ng/ml