

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091625\
 Data File : PS031758.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Sep 2025 18:09
 Operator : AR\AJ
 Sample : Q3091-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 12/9C-COMPMSD

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 05:46:42 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	7.284	7.744	1383.7E6	290.8E6	384.204	319.916
Target Compounds							
1) T	Dalapon	2.668	2.683	685.8E6	1670.0E6	118.632m	592.707m#
2) T	3,5-DICHL...	6.453	6.698	1113.2E6	253.3E6	208.720	166.091
3) T	4-Nitroph...	7.100	7.311f	89020212	129.0E6	80.692m	102.117 #
5) T	DICAMBA	7.468	7.939	4174.6E6	1749.2E6	267.660	268.822
6) T	MCPD	7.643	8.033	69526499	14199357	7.778	7.539
7) T	MCPA	7.792	8.279	216.5E6	56829888	19.483	20.288
8) T	DICHLORPROP	8.178	8.660	683.7E6	247.0E6	191.948	169.781
9) T	2,4-D	8.415	9.002	1062.8E6	433.7E6	310.241	263.611
10) T	Pentachlo...	8.707	9.509	4651.4E6	3155.3E6	87.608	79.497
11) T	2,4,5-TP ...	9.285	9.890	2743.8E6	2391.8E6	130.821	158.878m
12) T	2,4,5-T	9.582	10.326	3345.2E6	2336.8E6	182.815m	173.649
13) T	2,4-DB	10.163	10.895	186.9E6	94489809	80.122m	88.305
14) T	DINOSEB	11.351	11.280	253.9E6	417.1E6	17.606m	42.914 #
15) T	Picloram	11.186	12.389	5094.1E6	5555.0E6	282.830	234.553
16) T	DCPA	11.650	12.306	8688.2E6	8199.6E6	322.382	340.173m

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

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ALS Vial : 9 Sample Multiplier: 1

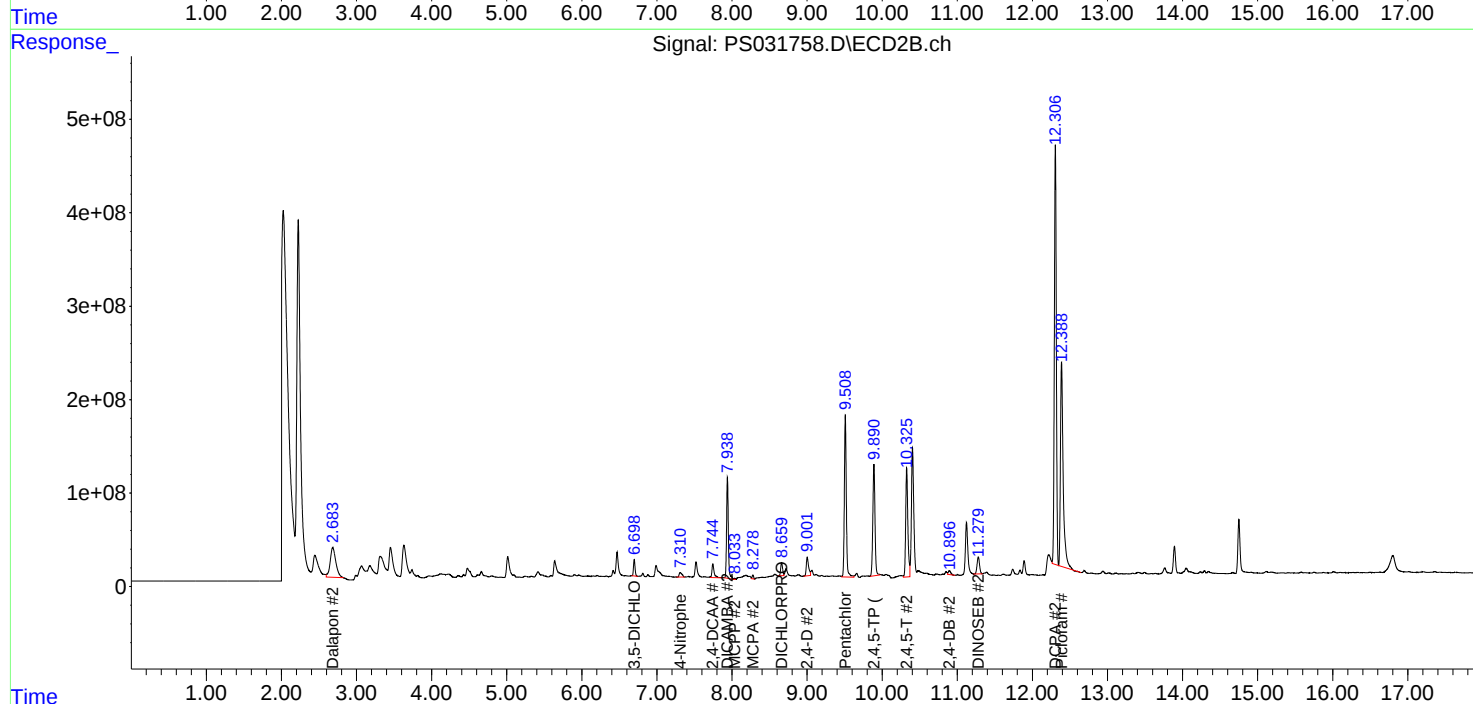
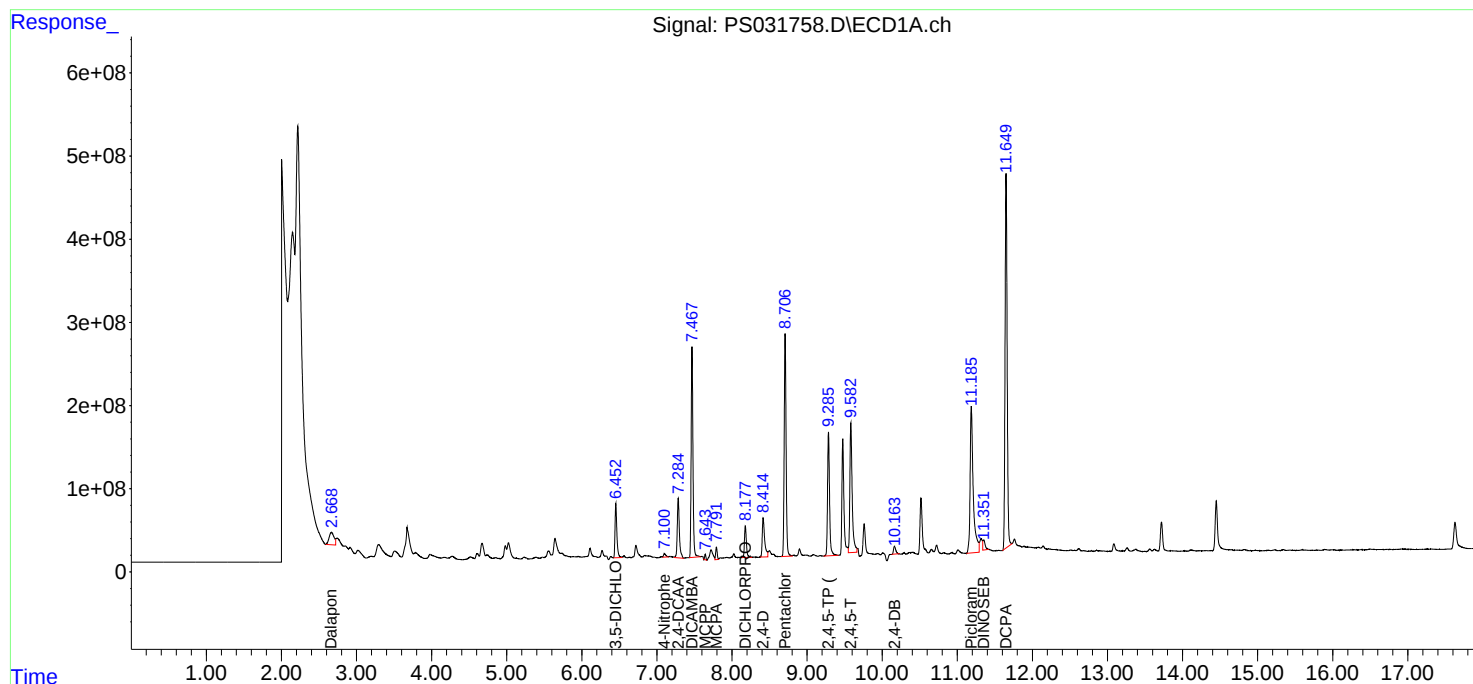
Instrument :
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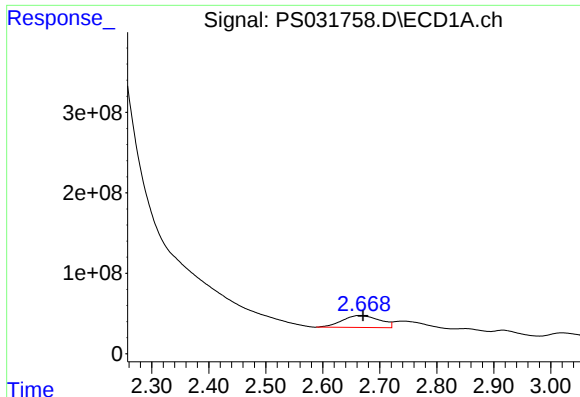
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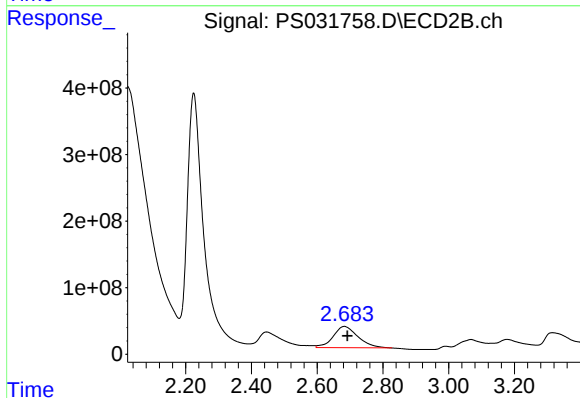
#1 Dalapon

R.T.: 2.668 min
Delta R.T.: -0.003 min
Response: 685782863
Conc: 118.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
12/9C-COMPMSD

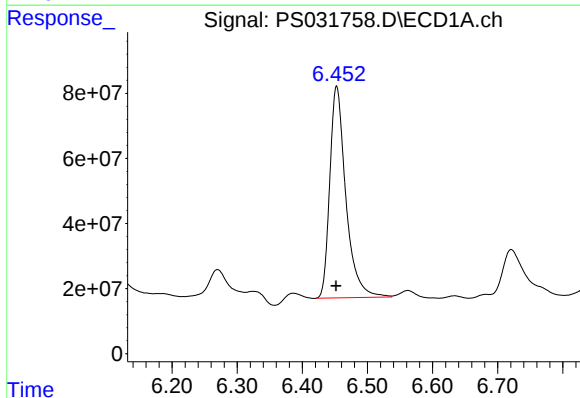
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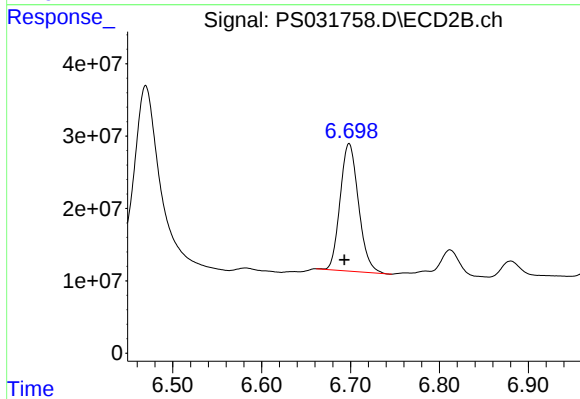
#1 Dalapon

R.T.: 2.683 min
Delta R.T.: -0.009 min
Response: 1670026627
Conc: 592.71 ng/ml m



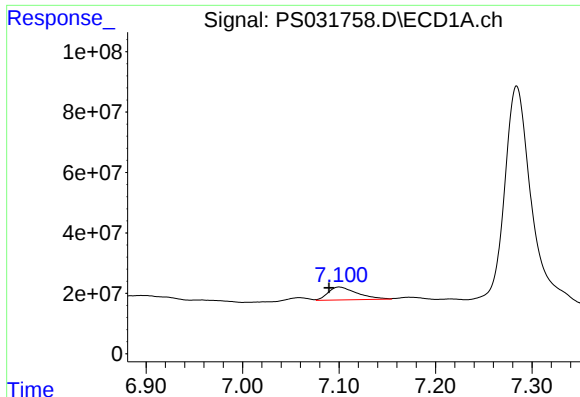
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: 0.001 min
Response: 1113180638
Conc: 208.72 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.698 min
Delta R.T.: 0.005 min
Response: 253283338
Conc: 166.09 ng/ml



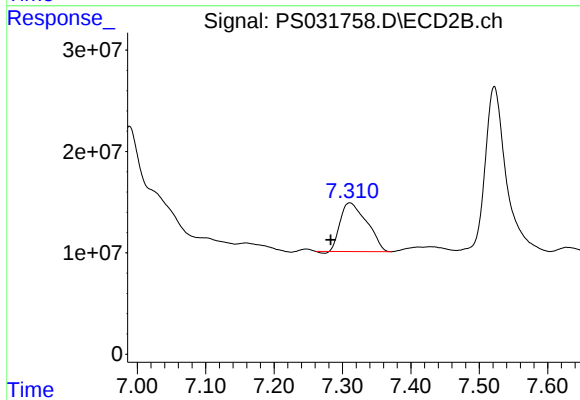
#3 4-Nitrophenol

R.T.: 7.100 min
Delta R.T.: 0.010 min
Response: 89020212
Conc: 80.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
12/9C-COMPMSD

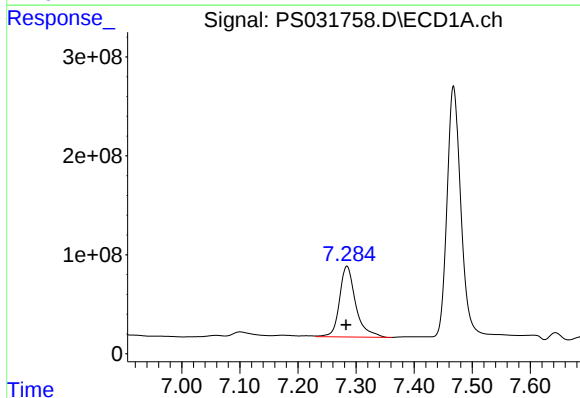
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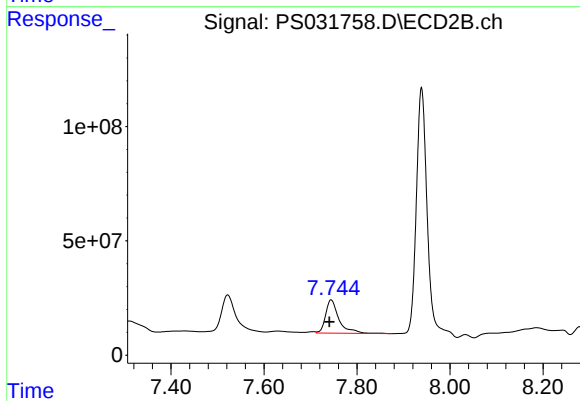
#3 4-Nitrophenol

R.T.: 7.311 min
Delta R.T.: 0.028 min
Response: 128951789
Conc: 102.12 ng/ml



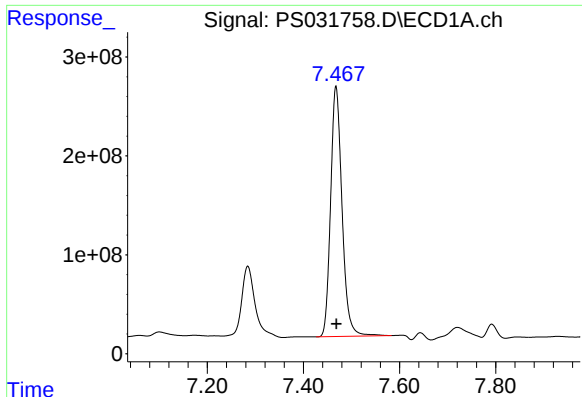
#4 2,4-DCAA

R.T.: 7.284 min
Delta R.T.: 0.001 min
Response: 1383722749
Conc: 384.20 ng/ml



#4 2,4-DCAA

R.T.: 7.744 min
Delta R.T.: 0.004 min
Response: 290771267
Conc: 319.92 ng/ml



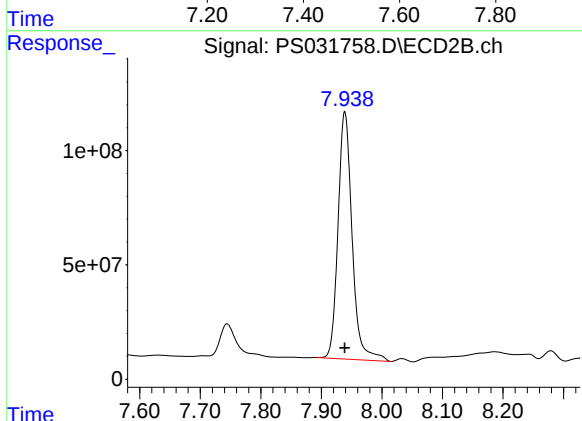
#5 DICAMBA

R.T.: 7.468 min
Delta R.T.: -0.001 min
Response: 4174613780
Conc: 267.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
12/9C-COMPMSD

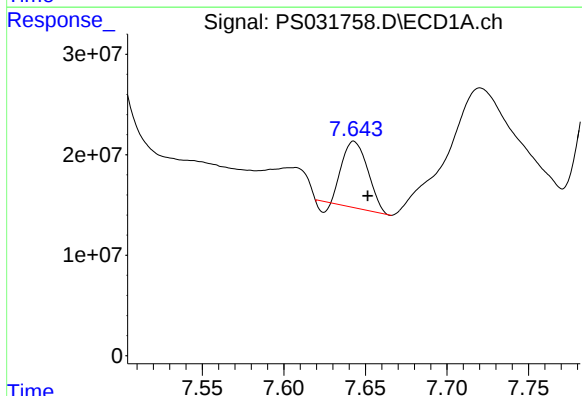
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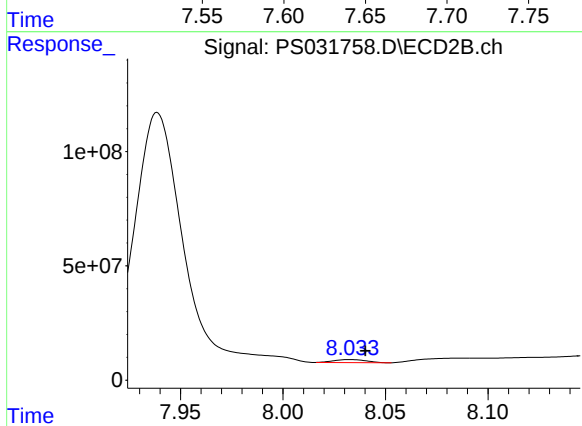
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 1749181488
Conc: 268.82 ng/ml



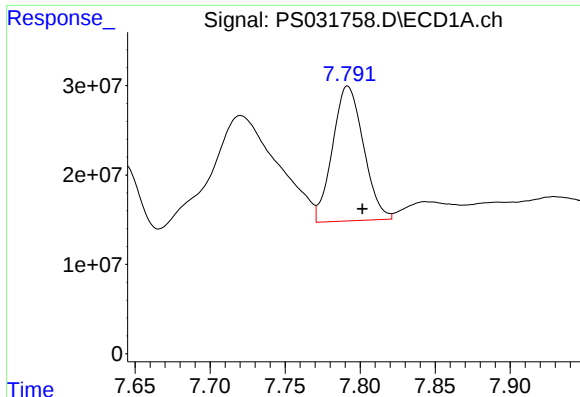
#6 MCPP

R.T.: 7.643 min
Delta R.T.: -0.009 min
Response: 69526499
Conc: 7.78 ug/ml



#6 MCPP

R.T.: 8.033 min
Delta R.T.: -0.007 min
Response: 14199357
Conc: 7.54 ug/ml



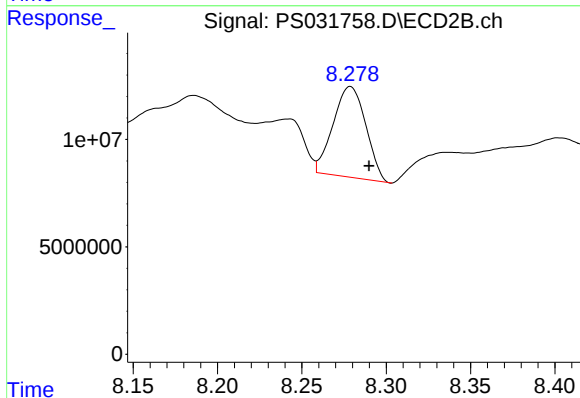
#7 MCPA

R.T.: 7.792 min
Delta R.T.: -0.010 min
Response: 216465303
Conc: 19.48 ug/ml

Instrument :
ECD_S
ClientSampleId :
12/9C-COMPMSD

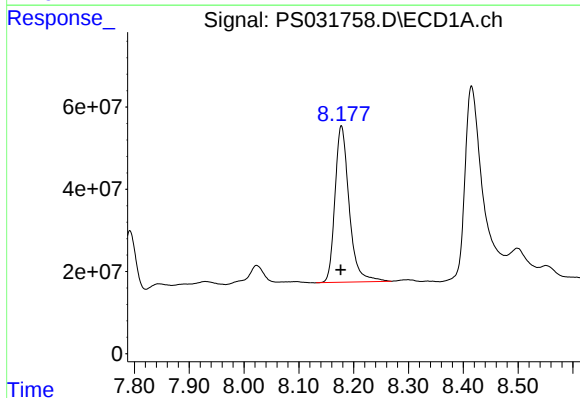
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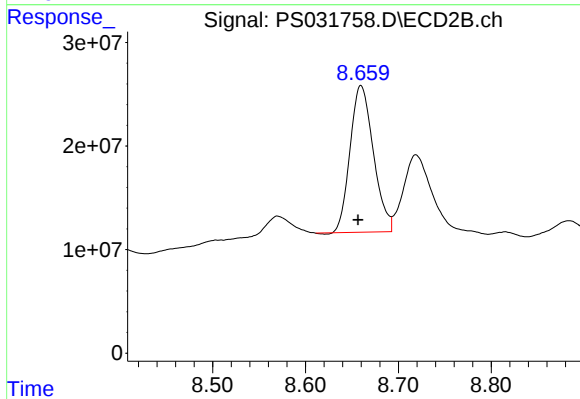
#7 MCPA

R.T.: 8.279 min
Delta R.T.: -0.011 min
Response: 56829888
Conc: 20.29 ug/ml



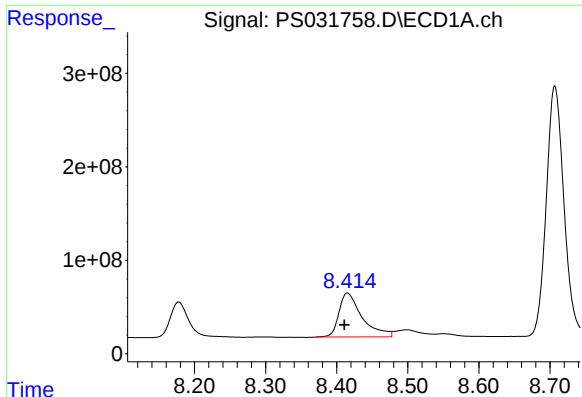
#8 DICHLORPROP

R.T.: 8.178 min
Delta R.T.: 0.001 min
Response: 683671644
Conc: 191.95 ng/ml



#8 DICHLORPROP

R.T.: 8.660 min
Delta R.T.: 0.003 min
Response: 247042179
Conc: 169.78 ng/ml



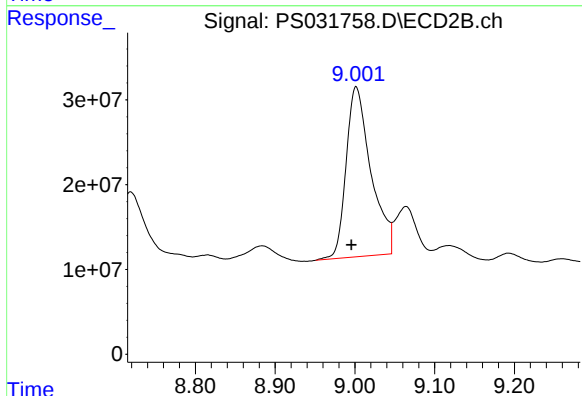
#9 2,4-D

R.T.: 8.415 min
Delta R.T.: 0.005 min
Response: 1062773677
Conc: 310.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
12/9C-COMPMSD

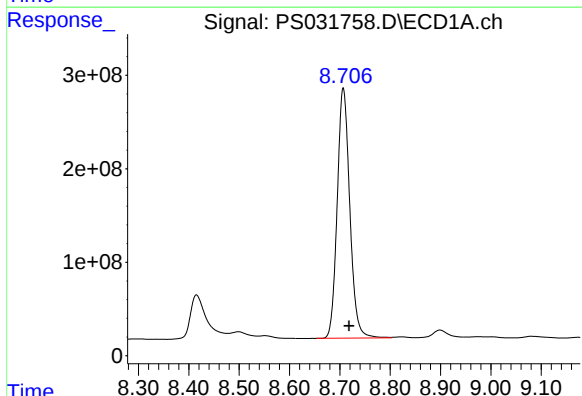
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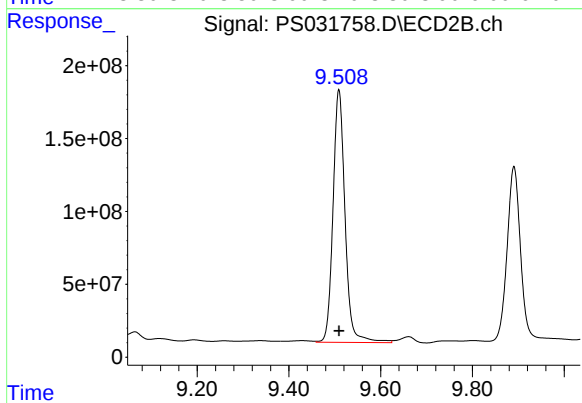
#9 2,4-D

R.T.: 9.002 min
Delta R.T.: 0.006 min
Response: 433668743
Conc: 263.61 ng/ml



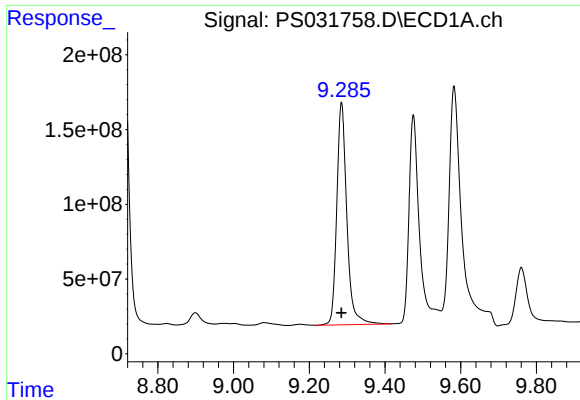
#10 Pentachlorophenol

R.T.: 8.707 min
Delta R.T.: -0.012 min
Response: 4651426592
Conc: 87.61 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: 0.000 min
Response: 3155289717
Conc: 79.50 ng/ml



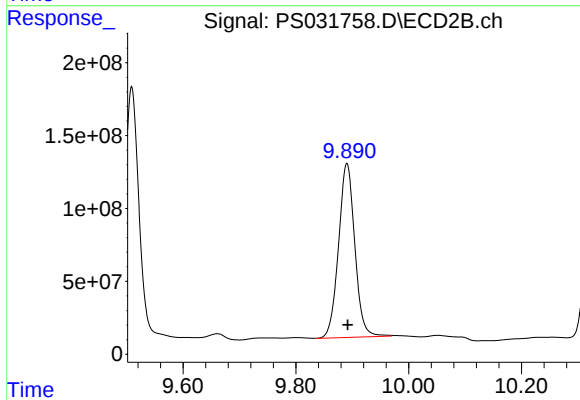
#11 2,4,5-TP (SILVEX)

R.T.: 9.285 min
Delta R.T.: 0.000 min
Response: 2743790611
Conc: 130.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
12/9C-COMPMSD

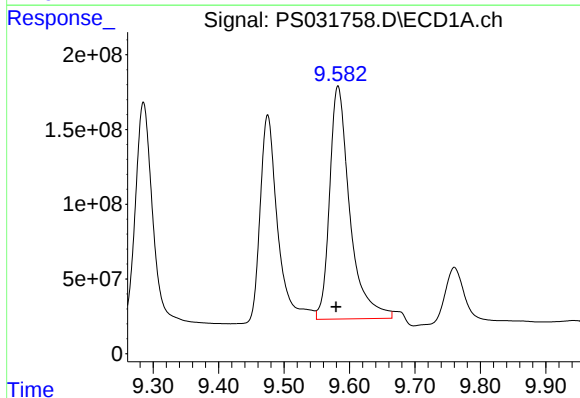
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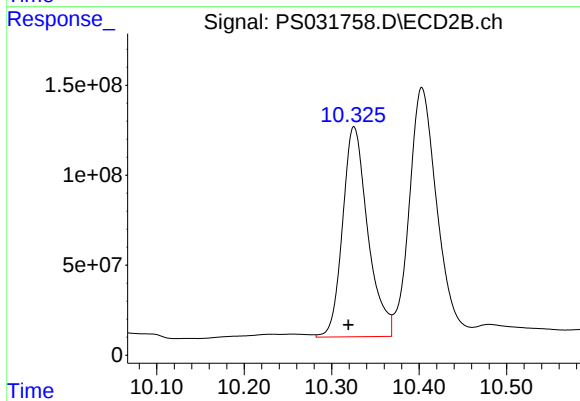
#11 2,4,5-TP (SILVEX)

R.T.: 9.890 min
Delta R.T.: -0.002 min
Response: 2391805862
Conc: 158.88 ng/ml m



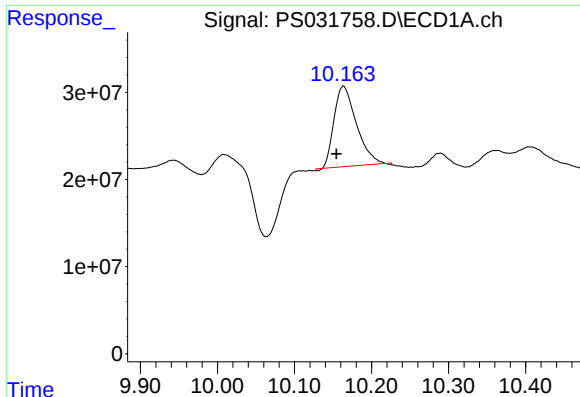
#12 2,4,5-T

R.T.: 9.582 min
Delta R.T.: 0.003 min
Response: 3345186436
Conc: 182.82 ng/ml m



#12 2,4,5-T

R.T.: 10.326 min
Delta R.T.: 0.007 min
Response: 2336795061
Conc: 173.65 ng/ml



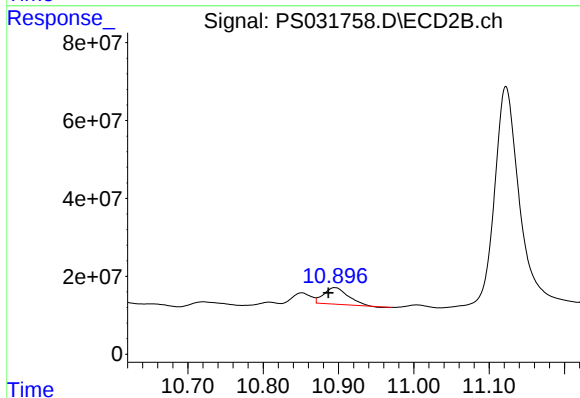
#13 2,4-DB

R.T.: 10.163 min
Delta R.T.: 0.009 min
Response: 186905039
Conc: 80.12 ng/ml

Instrument :
ECD_S
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12/9C-COMPMSD

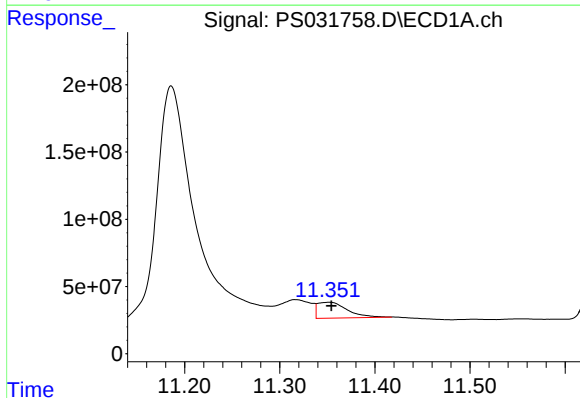
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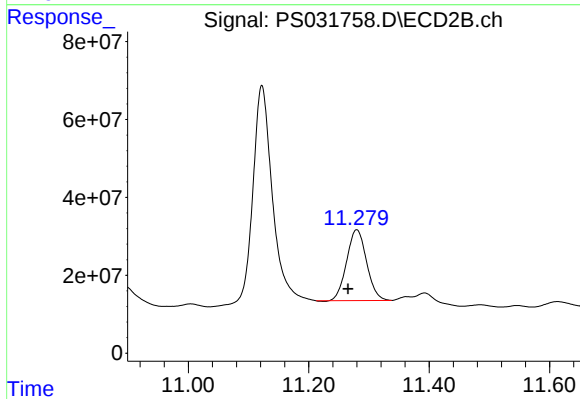
#13 2,4-DB

R.T.: 10.895 min
Delta R.T.: 0.009 min
Response: 94489809
Conc: 88.30 ng/ml



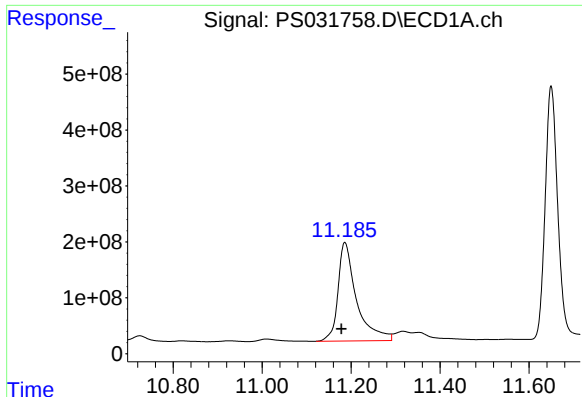
#14 DINOSEB

R.T.: 11.351 min
Delta R.T.: -0.003 min
Response: 253927437
Conc: 17.61 ng/ml m



#14 DINOSEB

R.T.: 11.280 min
Delta R.T.: 0.014 min
Response: 417149979
Conc: 42.91 ng/ml



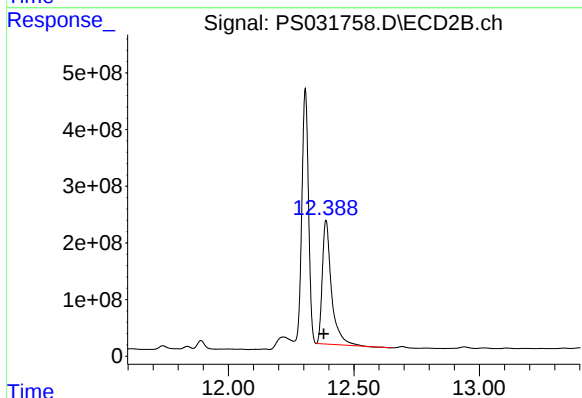
#15 Picloram

R.T.: 11.186 min
Delta R.T.: 0.008 min
Response: 5094077869
Conc: 282.83 ng/ml

Instrument :
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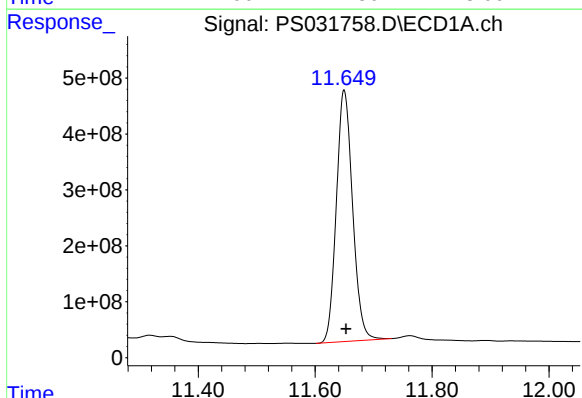
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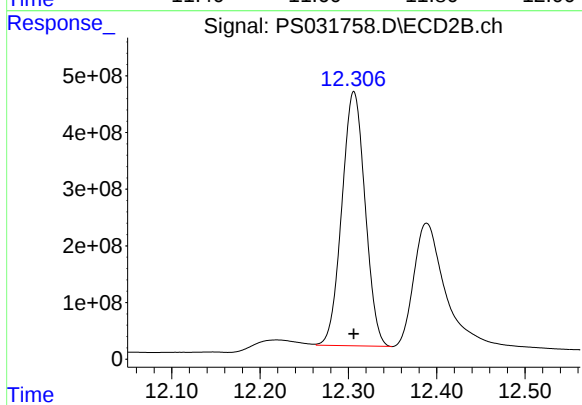
#15 Picloram

R.T.: 12.389 min
Delta R.T.: 0.009 min
Response: 5554988515
Conc: 234.55 ng/ml



#16 DCPA

R.T.: 11.650 min
Delta R.T.: -0.003 min
Response: 8688163237
Conc: 322.38 ng/ml



#16 DCPA

R.T.: 12.306 min
Delta R.T.: 0.000 min
Response: 8199566262
Conc: 340.17 ng/ml m