

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS112725\
 Data File : PS032553.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Nov 2025 03:44
 Operator : AR\AJ
 Sample : Q3714-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 OR-03-11-24-2025MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/01/2025
 Supervised By :mohammad ahmed 12/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 28 20:23:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS110325.M
 Quant Title : 8080.M
 QLast Update : Tue Nov 04 04:59:50 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	7.273	7.611	1391.2E6	1335.3E6	307.031m	366.292m
Target Compounds							
1) T	Dalapon	2.648	2.601	854.8E6	2294.5E6	119.071m	329.956m#
2) T	3,5-DICHL...	6.439	6.579	2037.5E6	1485.5E6	315.101m	247.215m
3) T	4-Nitroph...	7.116	7.177	65485148	410.7E6	48.780	180.918 #
5) T	DICAMBA	7.457	7.805	4376.6E6	4125.9E6	231.981	238.871m
6) T	MCPD	7.632	7.901	350.4E6	431.7E6	32.174m	32.457
7) T	MCPA	7.782	8.145	357.2E6	381.8E6	26.605m	23.418m
8) T	DICHLORPROP	8.164	8.516	1302.4E6	1168.8E6	292.759	245.086
9) T	2,4-D	8.401	8.855	1401.8E6	1412.7E6	310.688	269.303
10) T	Pentachlo...	8.694	9.354	17552.1E6	15573.1E6	279.763	265.289
11) T	2,4,5-TP ...	9.268	9.739	6541.0E6	6839.9E6	251.466	254.709
12) T	2,4,5-T	9.565	10.166	5092.3E6	5644.4E6	213.621	237.979
13) T	2,4-DB	10.139	10.728	535.9E6	723.4E6	203.359m	191.806m
14) T	DINOSEB	11.335	11.102	3982.5E6	4228.5E6	191.396m	239.067
15) T	Picloram	11.165	12.212	3748.7E6	4440.6E6	176.613	119.429 #
16) T	DCPA	11.633	12.137	3181.6E6	4155.9E6	94.824	130.441 #

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

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Acq On : 27 Nov 2025 03:44
Operator : AR\AJ
Sample : Q3714-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

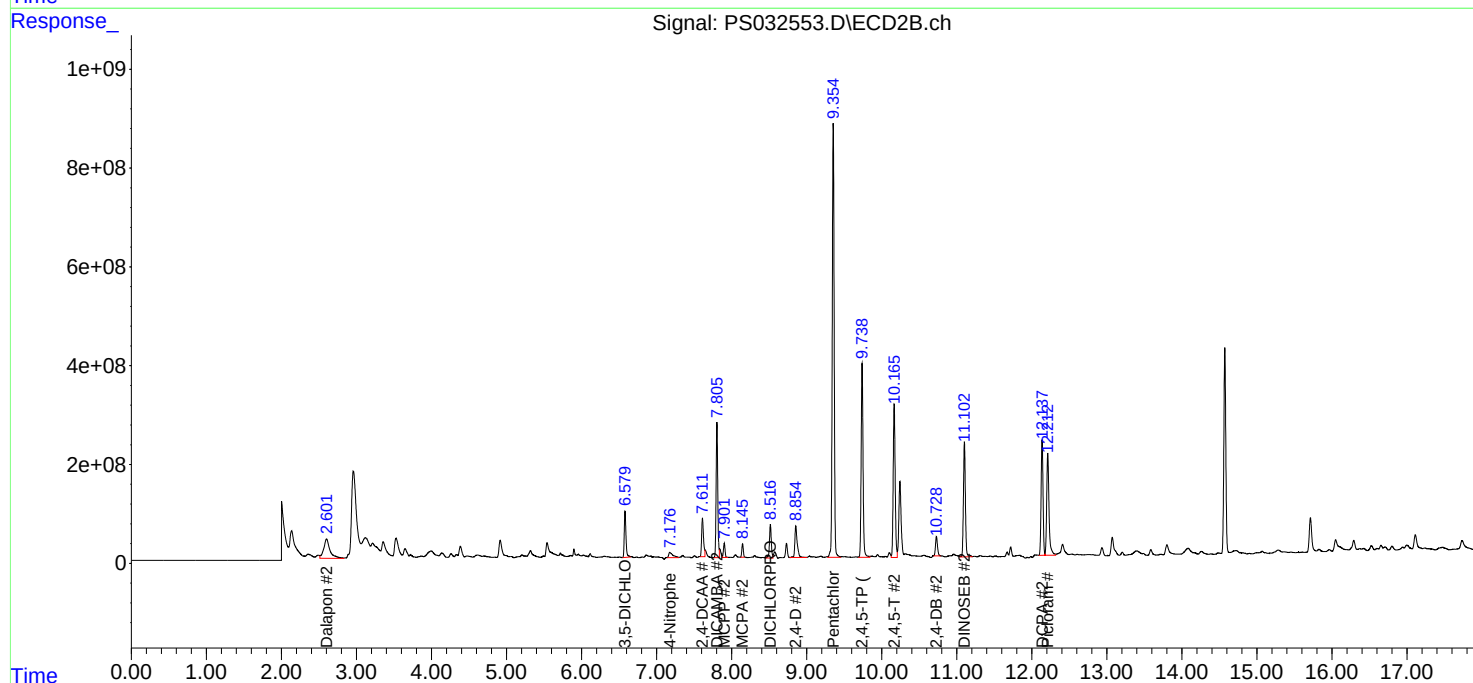
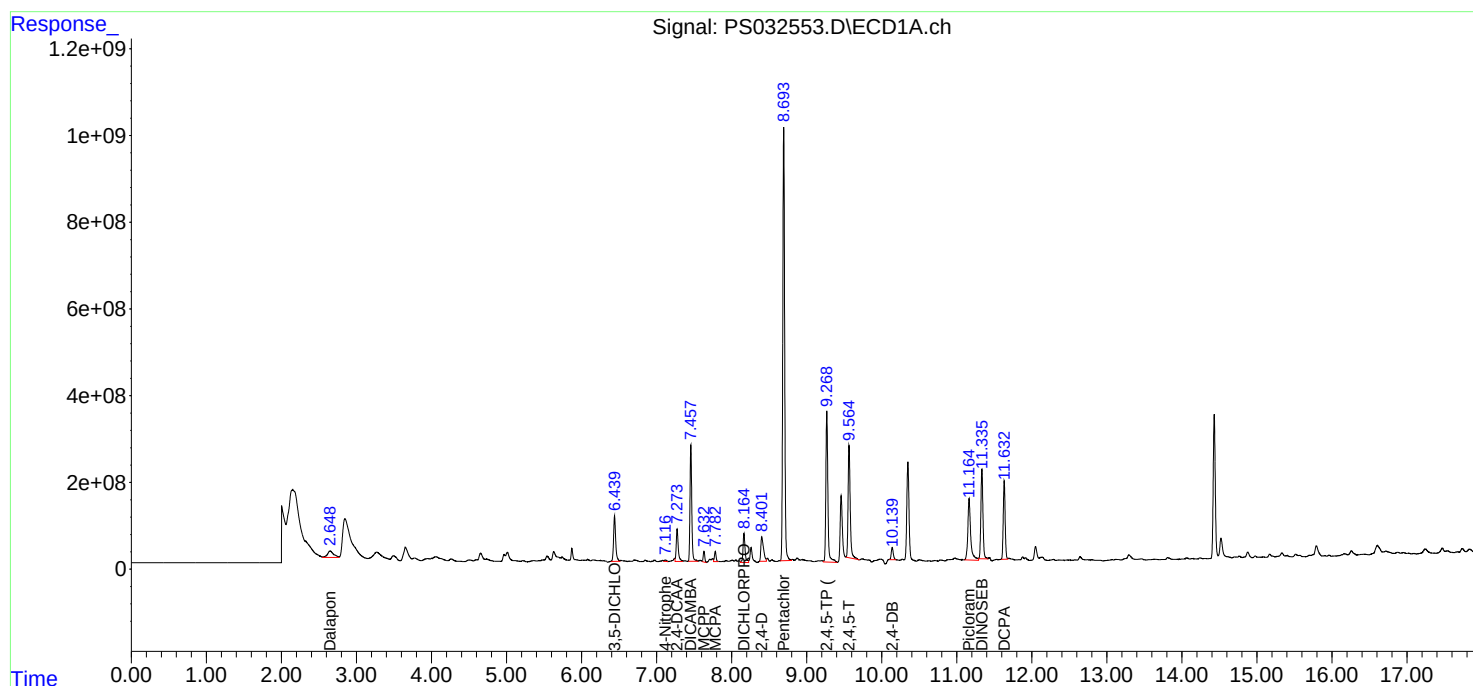
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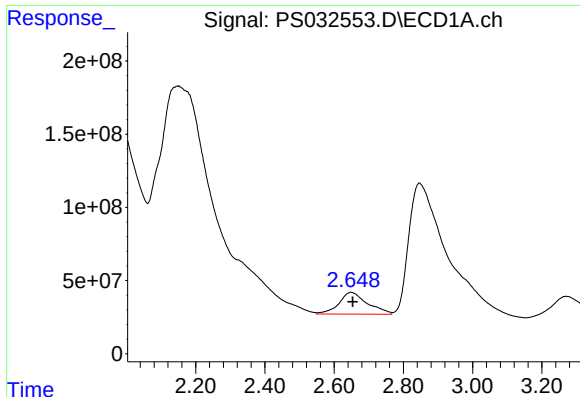
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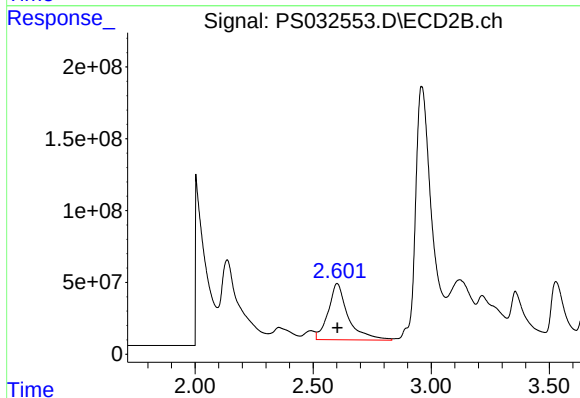
#1 Dalapon

R.T.: 2.648 min
Delta R.T.: -0.006 min
Response: 854787325
Conc: 119.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
OR-03-11-24-2025MSD

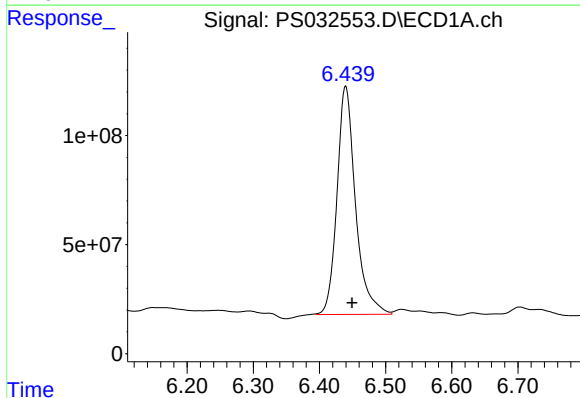
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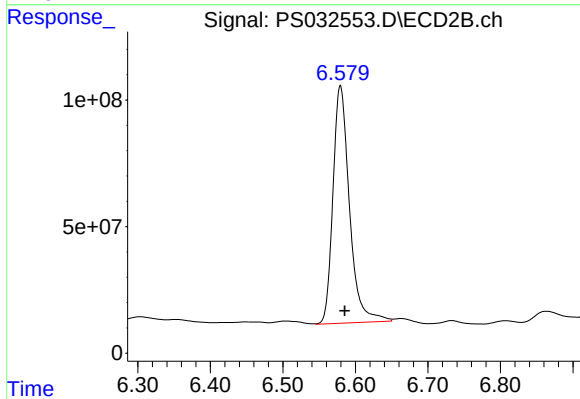
#1 Dalapon

R.T.: 2.601 min
Delta R.T.: -0.002 min
Response: 2294514433
Conc: 329.96 ng/ml m



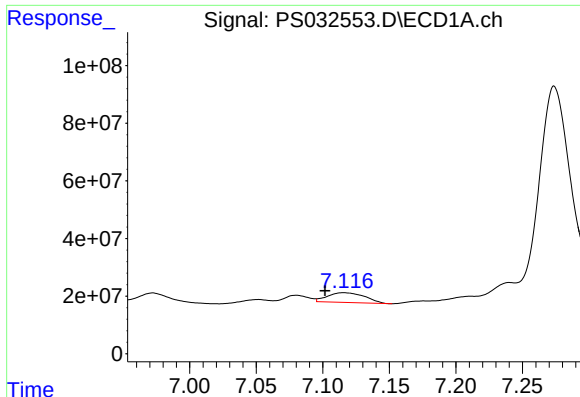
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.439 min
Delta R.T.: -0.010 min
Response: 2037510549
Conc: 315.10 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.579 min
Delta R.T.: -0.006 min
Response: 1485501742
Conc: 247.22 ng/ml m



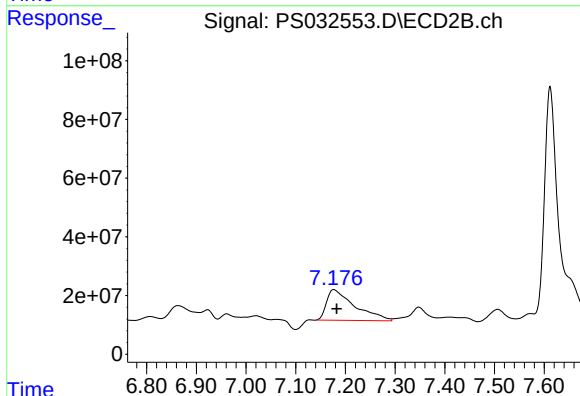
#3 4-Nitrophenol

R.T.: 7.116 min
Delta R.T.: 0.014 min
Response: 65485148
Conc: 48.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
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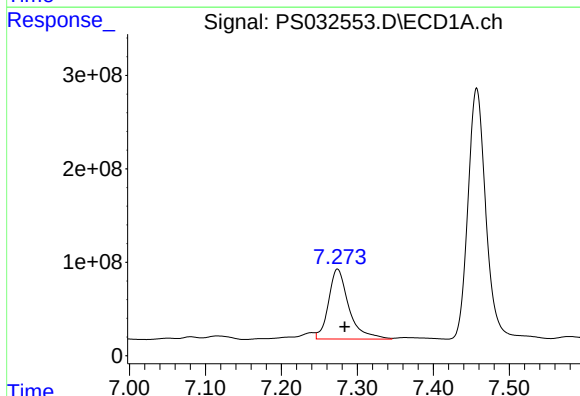
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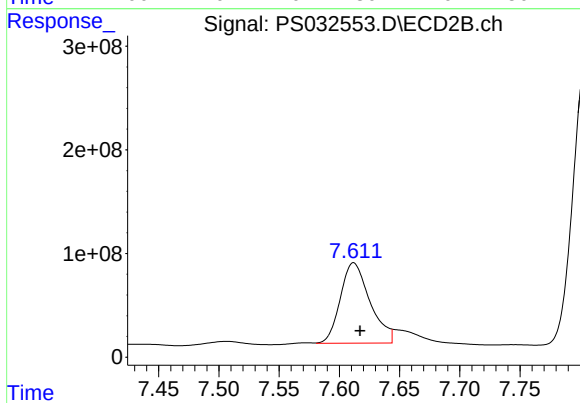
#3 4-Nitrophenol

R.T.: 7.177 min
Delta R.T.: -0.006 min
Response: 410670472
Conc: 180.92 ng/ml



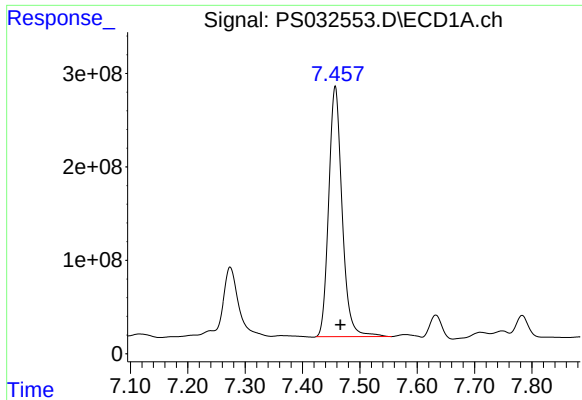
#4 2,4-DCAA

R.T.: 7.273 min
Delta R.T.: -0.010 min
Response: 1391241387
Conc: 307.03 ng/ml m



#4 2,4-DCAA

R.T.: 7.611 min
Delta R.T.: -0.006 min
Response: 1335316651
Conc: 366.29 ng/ml m



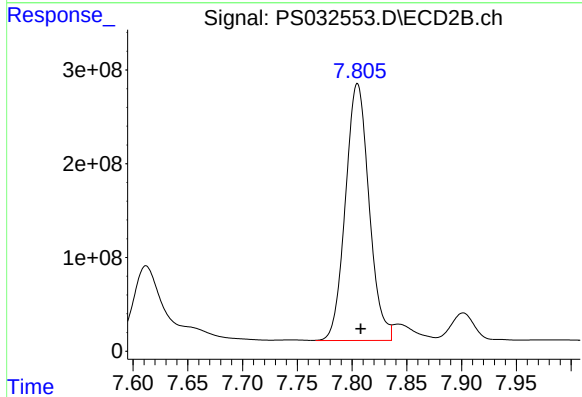
#5 DICAMBA

R.T.: 7.457 min
Delta R.T.: -0.009 min
Response: 4376593319
Conc: 231.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
OR-03-11-24-2025MSD

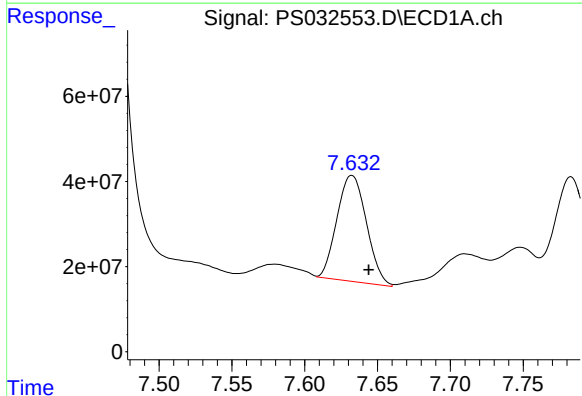
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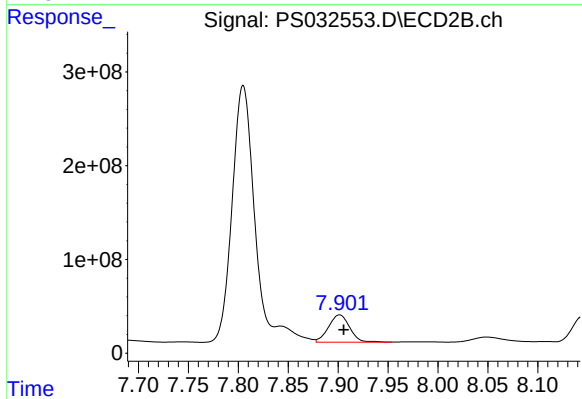
#5 DICAMBA

R.T.: 7.805 min
Delta R.T.: -0.003 min
Response: 4125890032
Conc: 238.87 ng/ml m



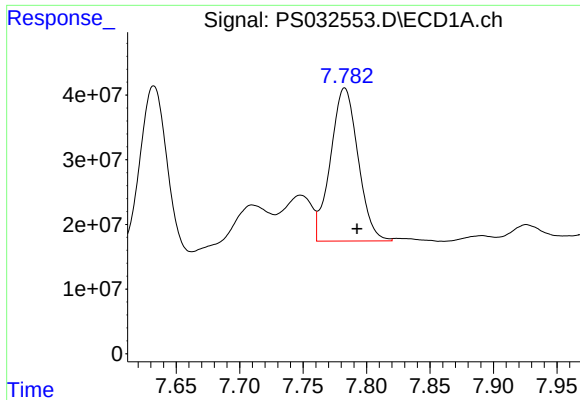
#6 MCPP

R.T.: 7.632 min
Delta R.T.: -0.012 min
Response: 350379060
Conc: 32.17 ug/ml m



#6 MCPP

R.T.: 7.901 min
Delta R.T.: -0.004 min
Response: 431706731
Conc: 32.46 ug/ml



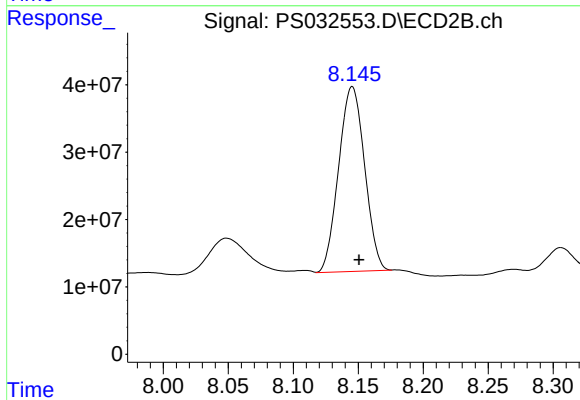
#7 MCPA

R.T.: 7.782 min
Delta R.T.: -0.010 min
Response: 357198728
Conc: 26.61 ug/ml

Instrument :
ECD_S
ClientSampleId :
OR-03-11-24-2025MSD

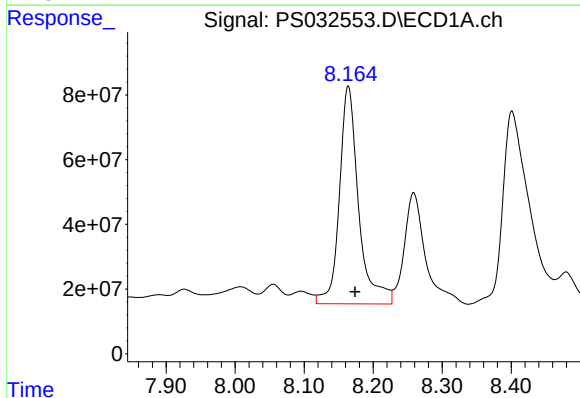
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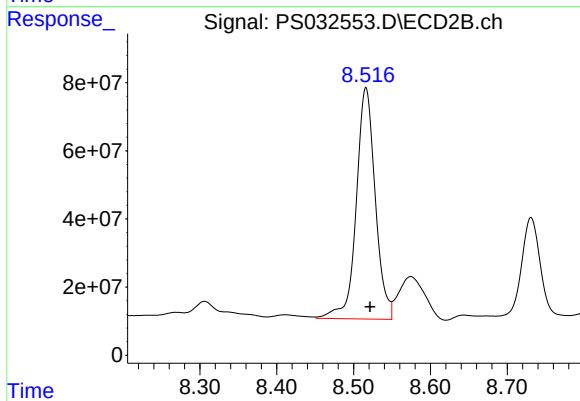
#7 MCPA

R.T.: 8.145 min
Delta R.T.: -0.006 min
Response: 381817515
Conc: 23.42 ug/ml m



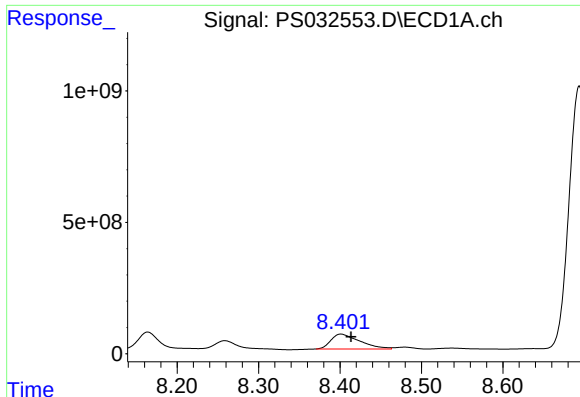
#8 DICHLORPROP

R.T.: 8.164 min
Delta R.T.: -0.010 min
Response: 1302413051
Conc: 292.76 ng/ml



#8 DICHLORPROP

R.T.: 8.516 min
Delta R.T.: -0.006 min
Response: 1168849685
Conc: 245.09 ng/ml



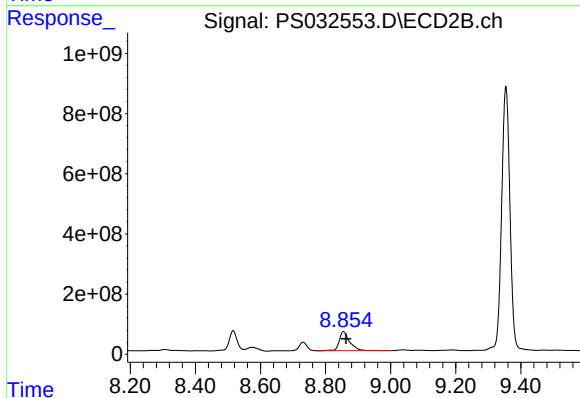
#9 2,4-D

R.T.: 8.401 min
Delta R.T.: -0.012 min
Response: 1401764528
Conc: 310.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
OR-03-11-24-2025MSD

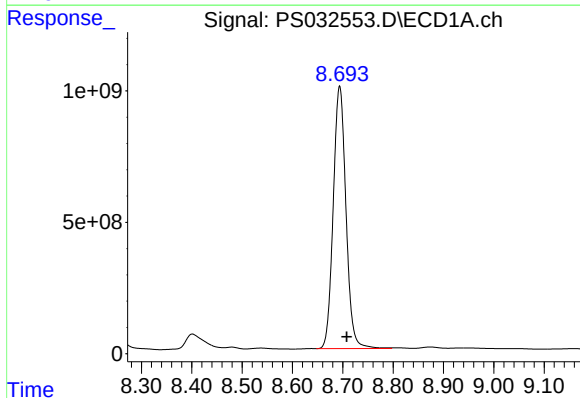
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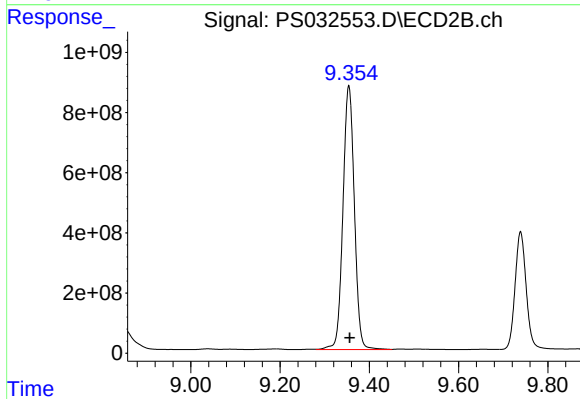
#9 2,4-D

R.T.: 8.855 min
Delta R.T.: -0.009 min
Response: 1412671337
Conc: 269.30 ng/ml



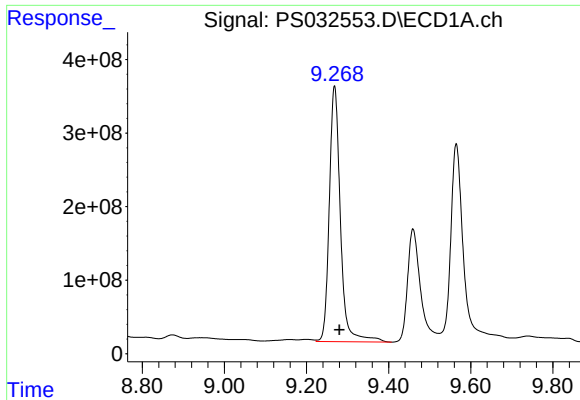
#10 Pentachlorophenol

R.T.: 8.694 min
Delta R.T.: -0.014 min
Response: 17552110836
Conc: 279.76 ng/ml



#10 Pentachlorophenol

R.T.: 9.354 min
Delta R.T.: -0.002 min
Response: 15573149860
Conc: 265.29 ng/ml



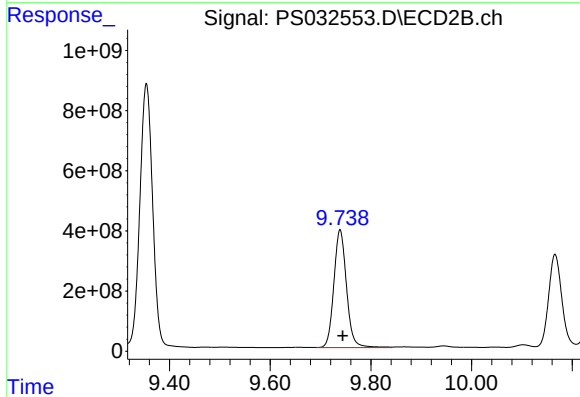
#11 2,4,5-TP (SILVEX)

R.T.: 9.268 min
Delta R.T.: -0.012 min
Response: 6541026336
Conc: 251.47 ng/ml

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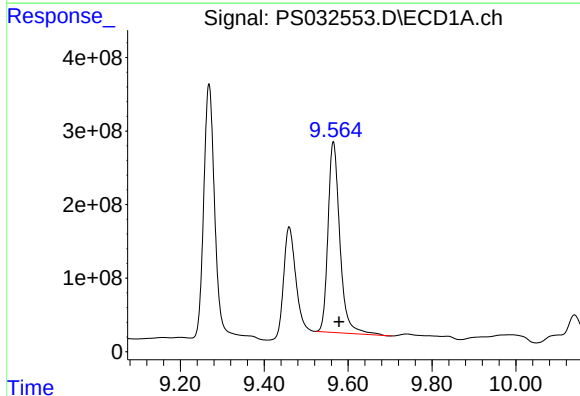
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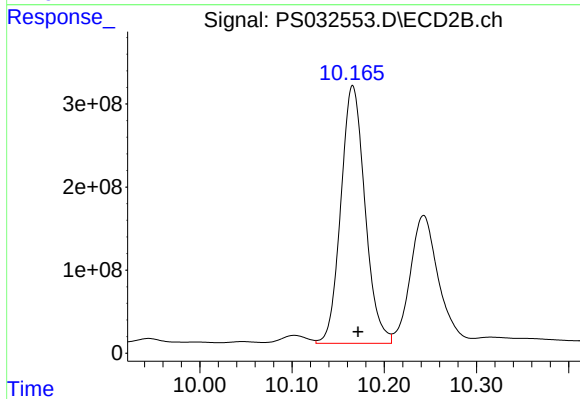
#11 2,4,5-TP (SILVEX)

R.T.: 9.739 min
Delta R.T.: -0.005 min
Response: 6839940306
Conc: 254.71 ng/ml



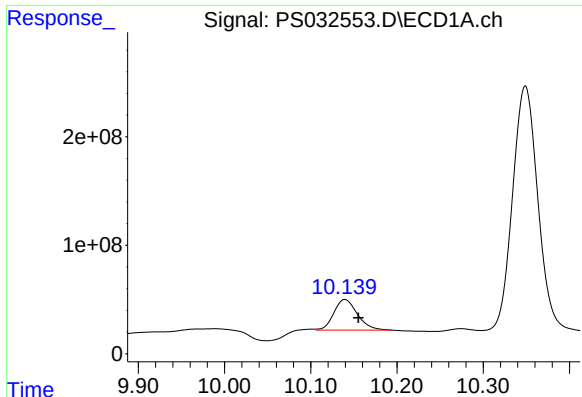
#12 2,4,5-T

R.T.: 9.565 min
Delta R.T.: -0.014 min
Response: 5092337524
Conc: 213.62 ng/ml



#12 2,4,5-T

R.T.: 10.166 min
Delta R.T.: -0.006 min
Response: 5644401421
Conc: 237.98 ng/ml



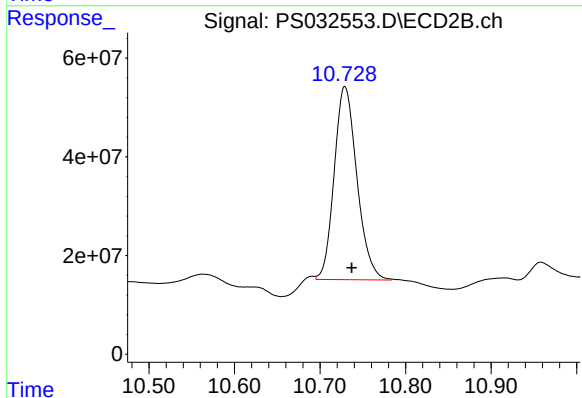
#13 2,4-DB

R.T.: 10.139 min
Delta R.T.: -0.016 min
Response: 535874049
Conc: 203.36 ng/ml

Instrument :
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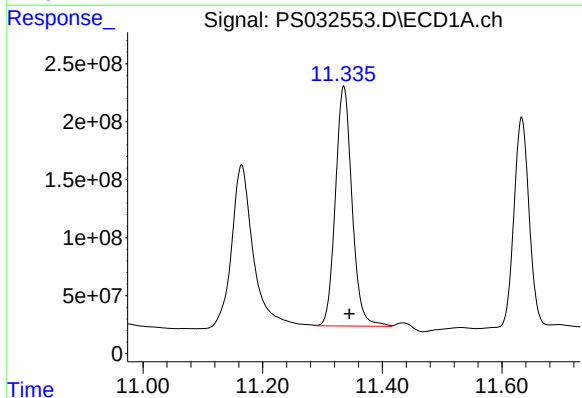
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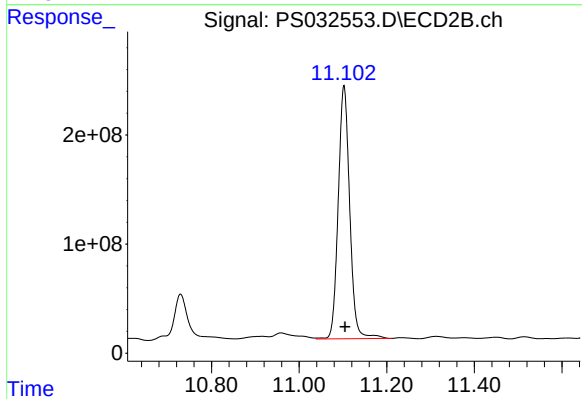
#13 2,4-DB

R.T.: 10.728 min
Delta R.T.: -0.009 min
Response: 723367347
Conc: 191.81 ng/ml m



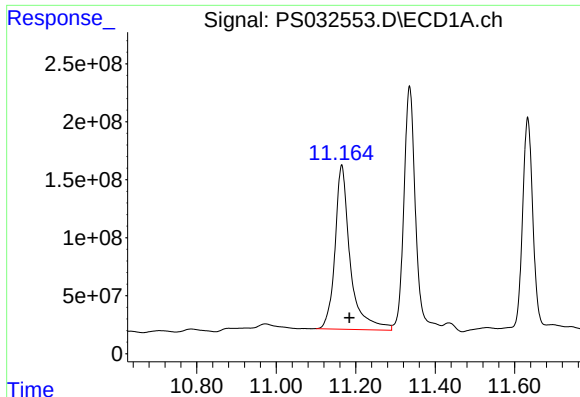
#14 DINOSEB

R.T.: 11.335 min
Delta R.T.: -0.010 min
Response: 3982482421
Conc: 191.40 ng/ml m



#14 DINOSEB

R.T.: 11.102 min
Delta R.T.: -0.003 min
Response: 4228470146
Conc: 239.07 ng/ml



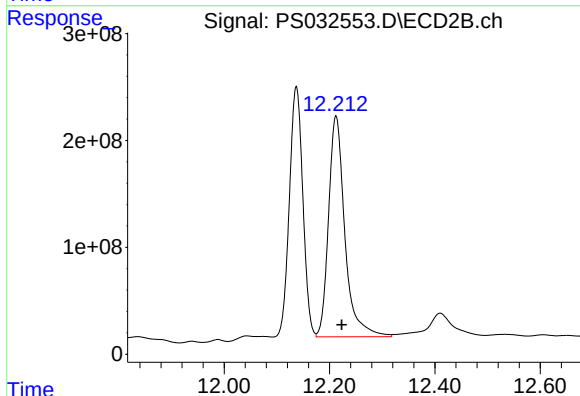
#15 Picloram

R.T.: 11.165 min
Delta R.T.: -0.019 min
Response: 3748720840
Conc: 176.61 ng/ml

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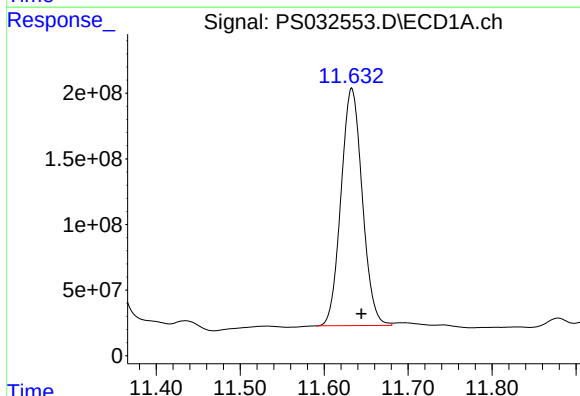
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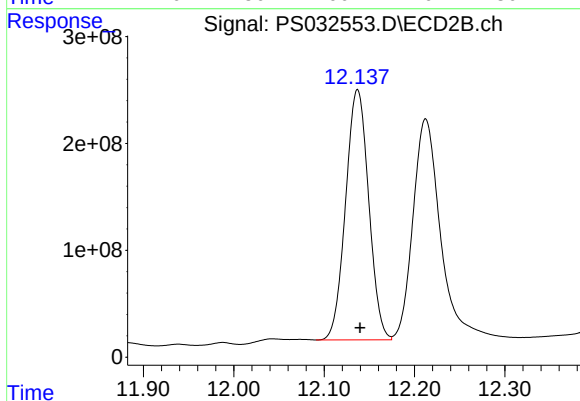
#15 Picloram

R.T.: 12.212 min
Delta R.T.: -0.011 min
Response: 4440611077
Conc: 119.43 ng/ml



#16 DCPA

R.T.: 11.633 min
Delta R.T.: -0.011 min
Response: 3181557990
Conc: 94.82 ng/ml



#16 DCPA

R.T.: 12.137 min
Delta R.T.: -0.003 min
Response: 4155922931
Conc: 130.44 ng/ml