

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS052325\
 Data File : PS030401.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2025 00:53
 Operator : AR\AJ
 Sample : Q2100-03MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-21MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/27/2025
 Supervised By :mohammad ahmed 05/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 01:55:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.927	7.443	935.3E6	250.7E6	328.435	313.248
Target Compounds							
1) T	Dalapon	2.440	2.511	1420.2E6	985.6E6	288.934	485.285m#
2) T	3,5-DICHL...	6.133	6.445	1376.0E6	350.8E6	329.923	300.901
3) T	4-Nitroph...	6.718	6.978	634.0E6	290.1E6	306.941	277.865
5) T	DICAMBA	7.102	7.627	3477.8E6	1416.4E6	300.917	299.571m
6) T	MCPD	7.280	7.734	204.3E6	44103014	28.053	23.972
7) T	MCPA	7.422	7.961	283.2E6	65884861	27.284	24.978m
8) T	DICHLORPROP	7.782	8.320	1070.3E6	346.4E6	366.356	293.241
9) T	2,4-D	8.001	8.631	1249.0E6	484.5E6	380.920	375.446
10) T	Pentachlo...	8.278	9.130	13393.0E6	8202.8E6	330.685	332.301
11) T	2,4,5-TP ...	8.841	9.508	5097.9E6	3328.6E6	314.766m	337.910
12) T	2,4,5-T	9.123	9.910	5028.2E6	2919.3E6	304.461	317.191m
13) T	2,4-DB	9.682	10.469	1048.9E6	271.2E6	401.907	273.285m#
14) T	DINOSEB	10.840	10.839	457.4E6	343.5E6	39.992	50.282m#
15) T	Picloram	10.662	11.871	5234.8E6	4482.4E6	244.764	318.509m#
16) T	DCPA	11.142	11.870	5842.0E6	3245.2E6	293.396	240.201m

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

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Acq On : 24 May 2025 00:53
Operator : AR\AJ
Sample : Q2100-03MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

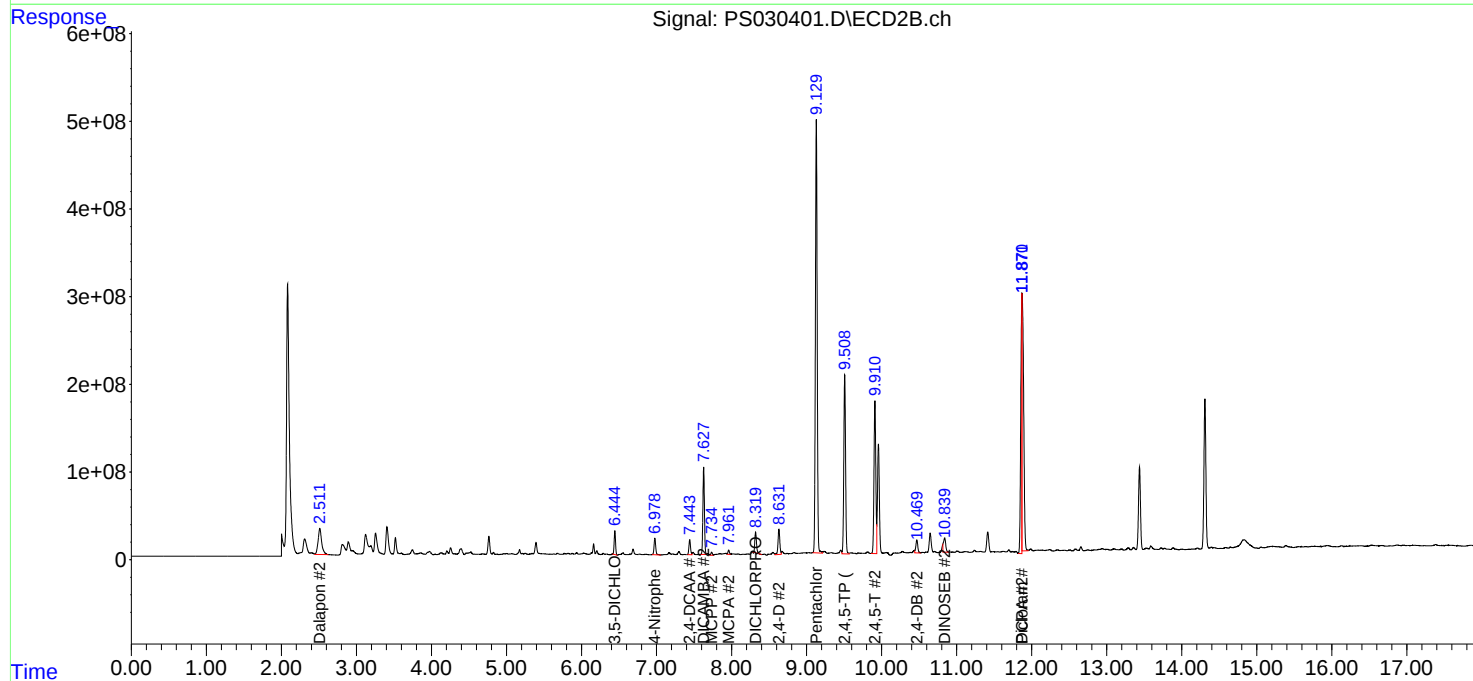
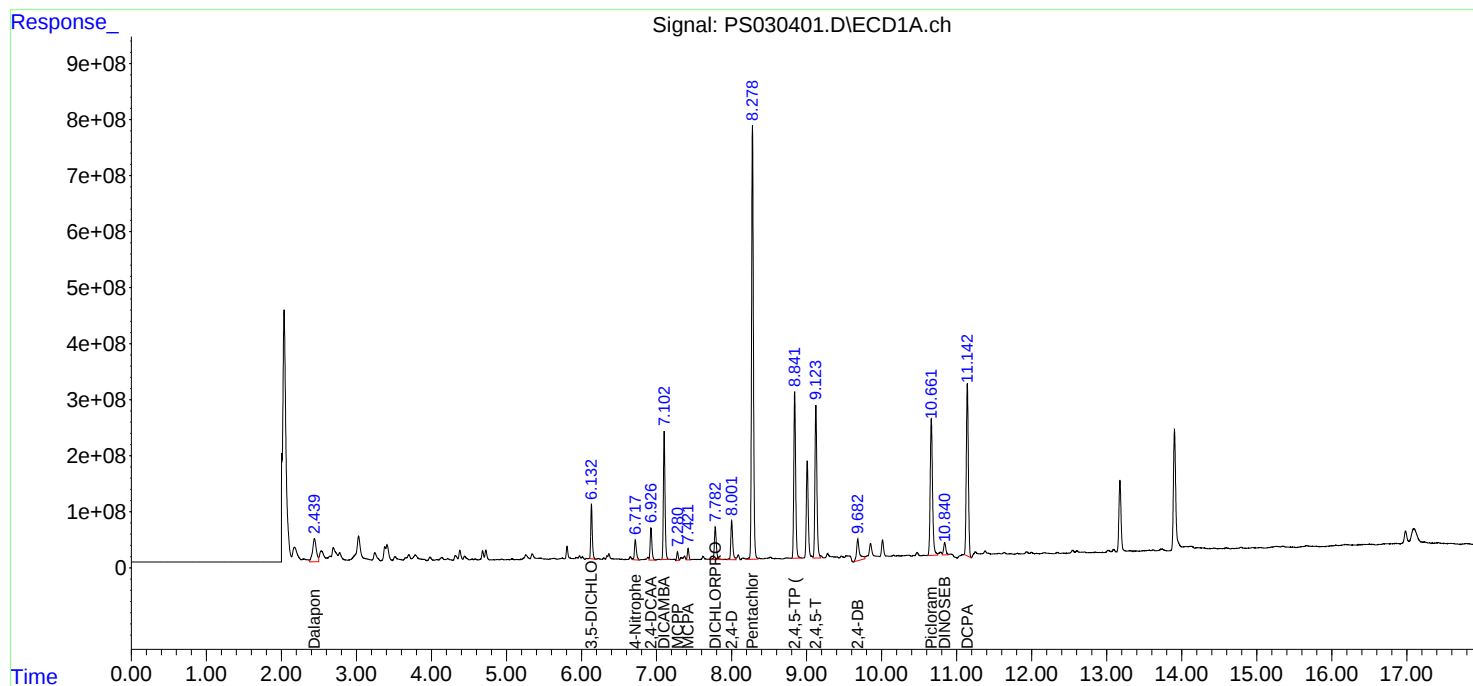
Instrument :
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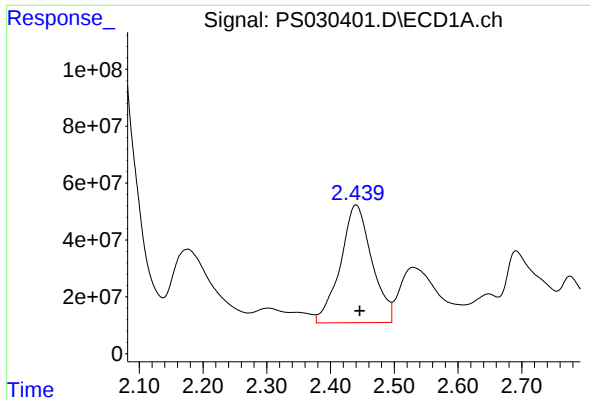
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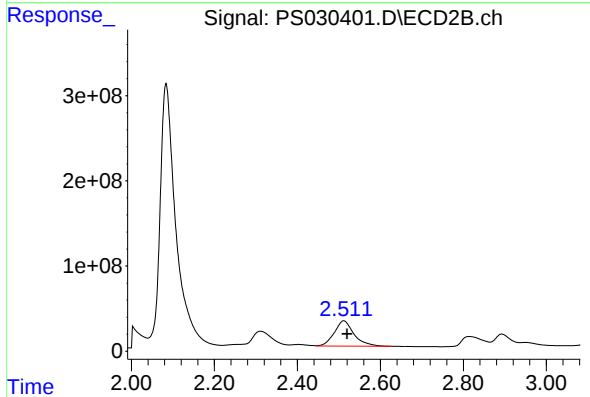
#1 Dalapon

R.T.: 2.440 min
Delta R.T.: -0.006 min
Response: 1420216229
Conc: 288.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MS

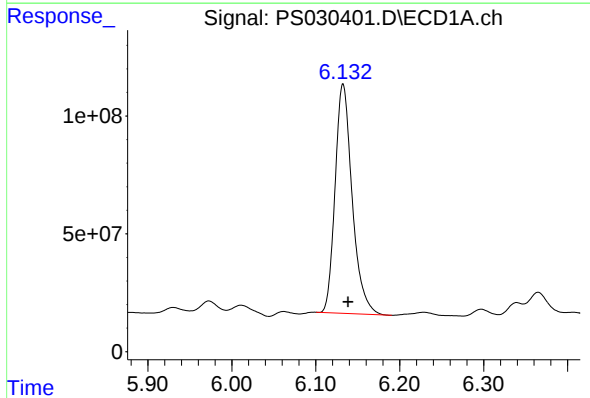
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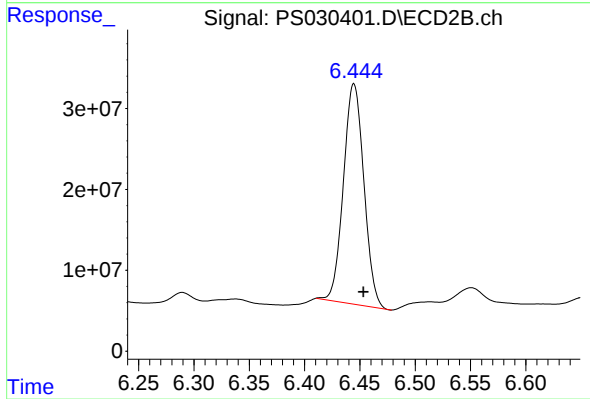
#1 Dalapon

R.T.: 2.511 min
Delta R.T.: -0.009 min
Response: 985638215
Conc: 485.29 ng/ml m



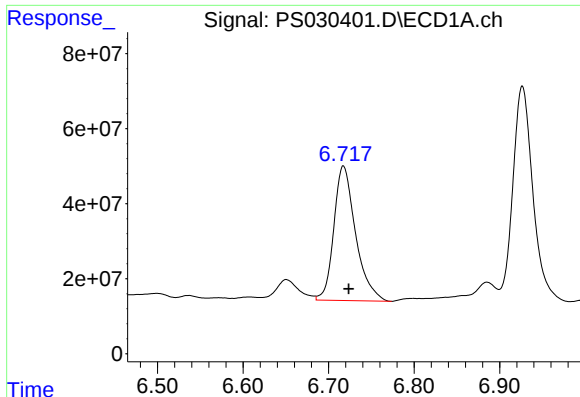
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.133 min
Delta R.T.: -0.006 min
Response: 1375962635
Conc: 329.92 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.445 min
Delta R.T.: -0.008 min
Response: 350799624
Conc: 300.90 ng/ml



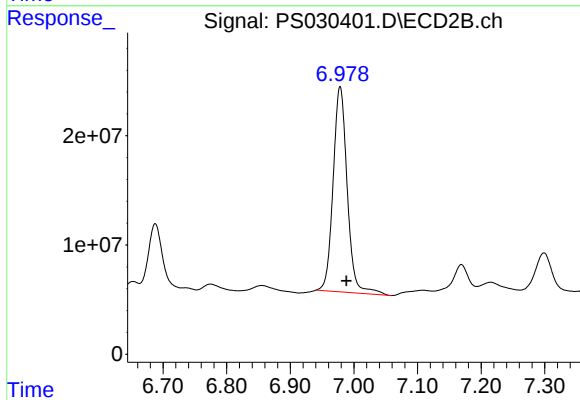
#3 4-Nitrophenol

R.T.: 6.718 min
Delta R.T.: -0.006 min
Response: 634022467
Conc: 306.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MS

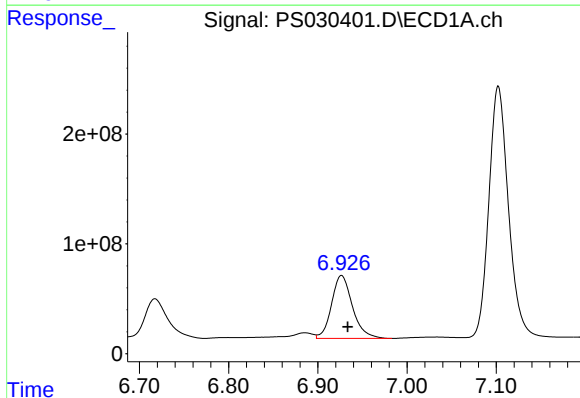
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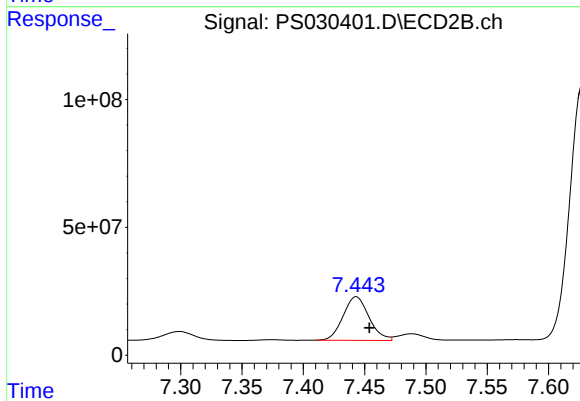
#3 4-Nitrophenol

R.T.: 6.978 min
Delta R.T.: -0.010 min
Response: 290099721
Conc: 277.86 ng/ml



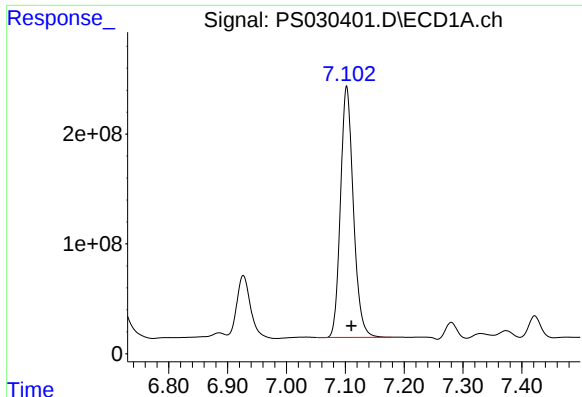
#4 2,4-DCAA

R.T.: 6.927 min
Delta R.T.: -0.007 min
Response: 935319759
Conc: 328.43 ng/ml



#4 2,4-DCAA

R.T.: 7.443 min
Delta R.T.: -0.011 min
Response: 250662335
Conc: 313.25 ng/ml



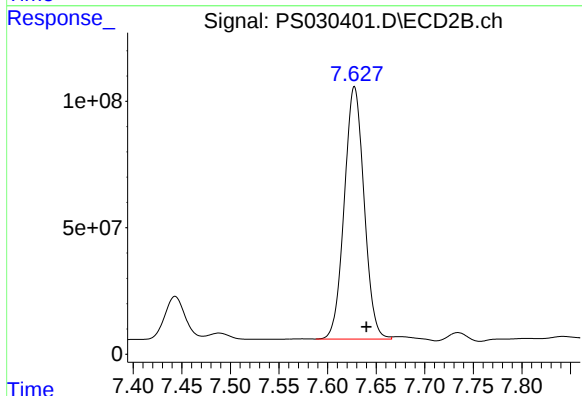
#5 DICAMBA

R.T.: 7.102 min
Delta R.T.: -0.008 min
Response: 3477810565
Conc: 300.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MS

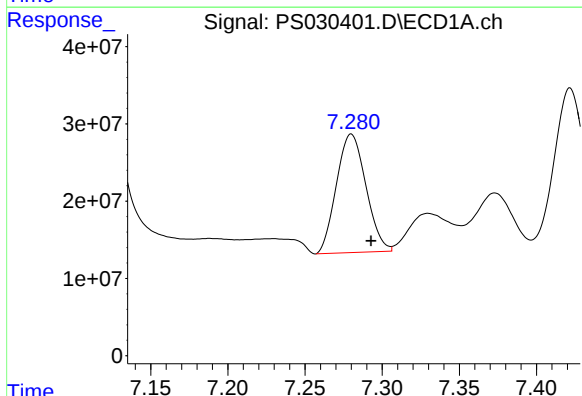
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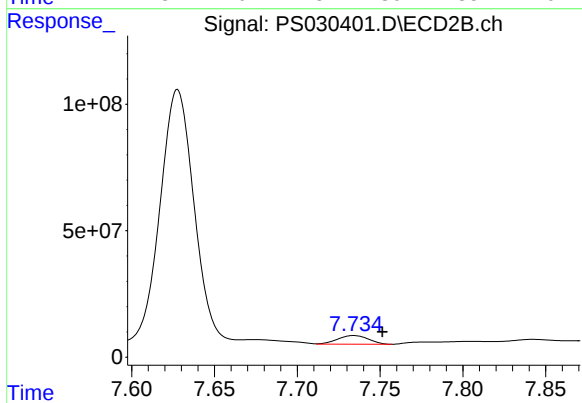
#5 DICAMBA

R.T.: 7.627 min
Delta R.T.: -0.013 min
Response: 1416365375
Conc: 299.57 ng/ml m



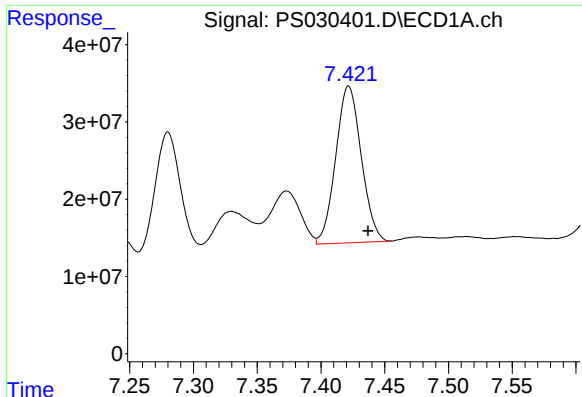
#6 MCPP

R.T.: 7.280 min
Delta R.T.: -0.013 min
Response: 204303125
Conc: 28.05 ug/ml



#6 MCPP

R.T.: 7.734 min
Delta R.T.: -0.017 min
Response: 44103014
Conc: 23.97 ug/ml



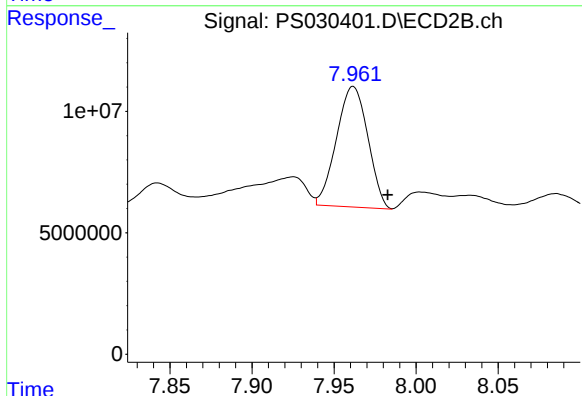
#7 MCPA

R.T.: 7.422 min
Delta R.T.: -0.015 min
Response: 283229474
Conc: 27.28 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MS

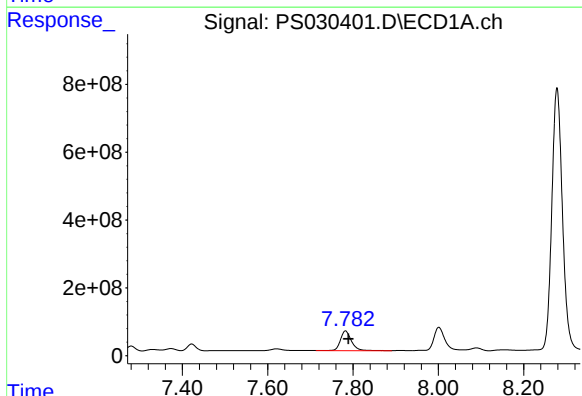
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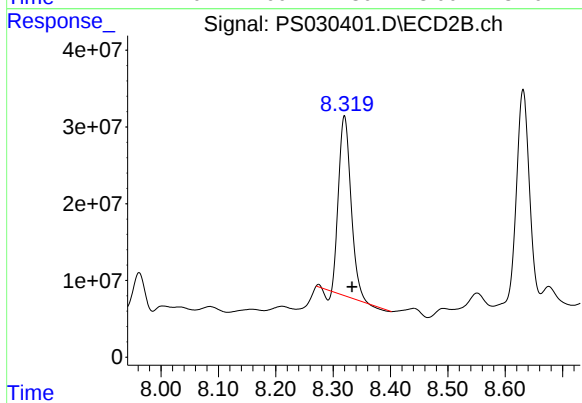
#7 MCPA

R.T.: 7.961 min
Delta R.T.: -0.021 min
Response: 65884861
Conc: 24.98 ug/ml m



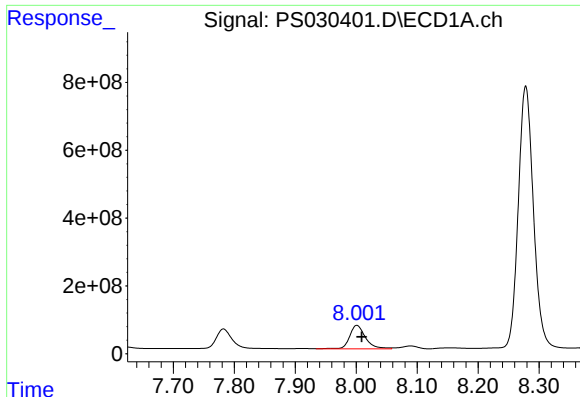
#8 DICHLORPROP

R.T.: 7.782 min
Delta R.T.: -0.007 min
Response: 1070252553
Conc: 366.36 ng/ml



#8 DICHLORPROP

R.T.: 8.320 min
Delta R.T.: -0.013 min
Response: 346444339
Conc: 293.24 ng/ml



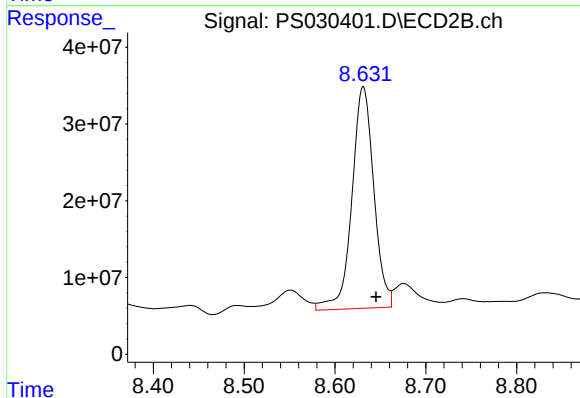
#9 2,4-D

R.T.: 8.001 min
Delta R.T.: -0.008 min
Response: 1249013171
Conc: 380.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MS

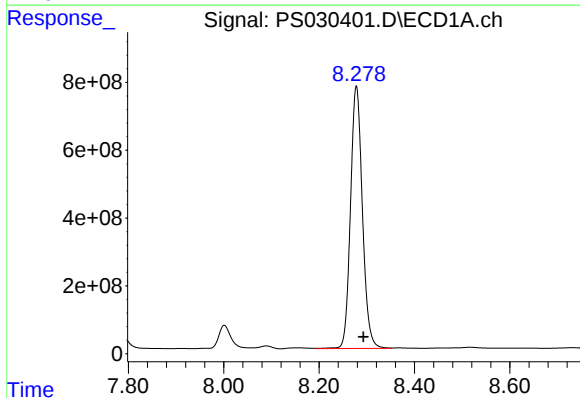
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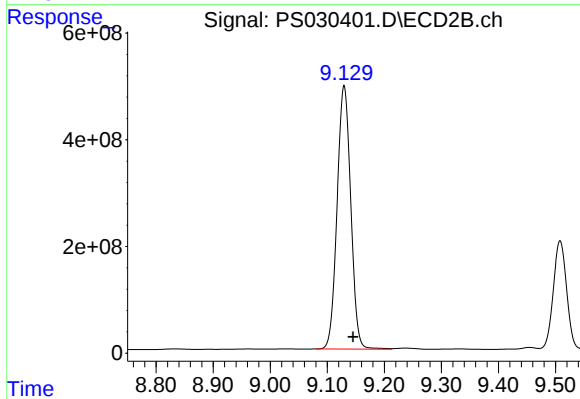
#9 2,4-D

R.T.: 8.631 min
Delta R.T.: -0.014 min
Response: 484513676
Conc: 375.45 ng/ml



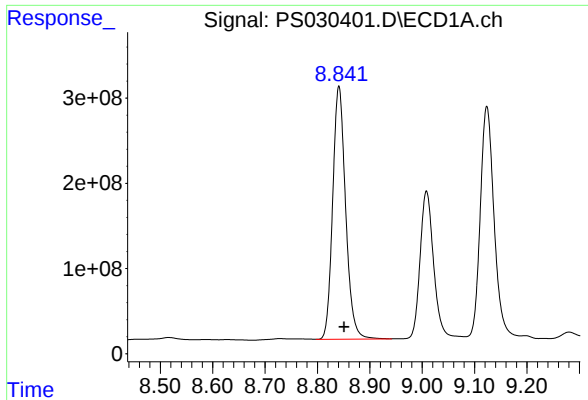
#10 Pentachlorophenol

R.T.: 8.278 min
Delta R.T.: -0.015 min
Response: 13392987701
Conc: 330.68 ng/ml



#10 Pentachlorophenol

R.T.: 9.130 min
Delta R.T.: -0.015 min
Response: 8202842530
Conc: 332.30 ng/ml



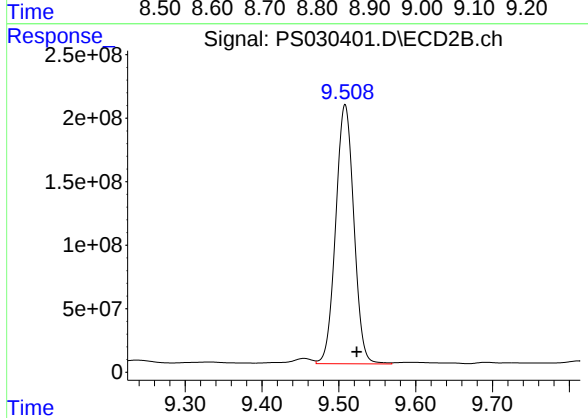
#11 2,4,5-TP (SILVEX)

R.T.: 8.841 min
Delta R.T.: -0.010 min
Response: 5097942886
Conc: 314.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MS

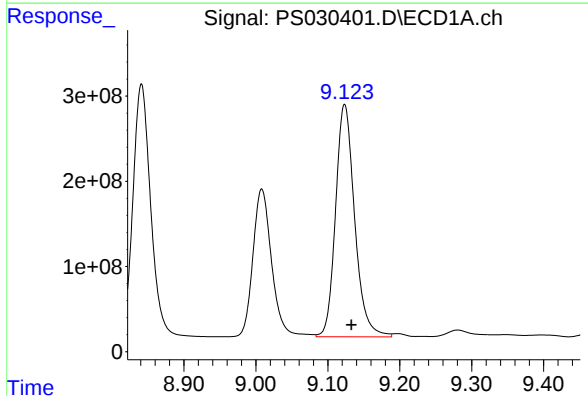
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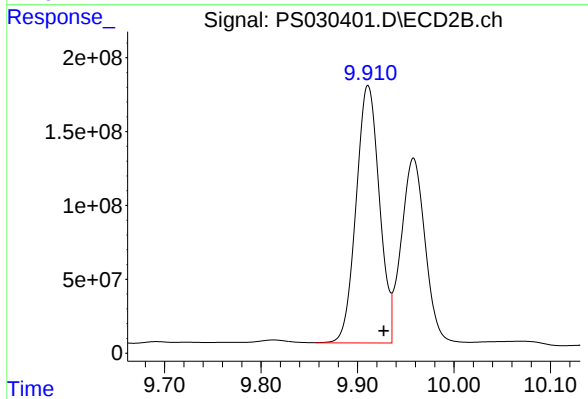
#11 2,4,5-TP (SILVEX)

R.T.: 9.508 min
Delta R.T.: -0.015 min
Response: 3328557394
Conc: 337.91 ng/ml



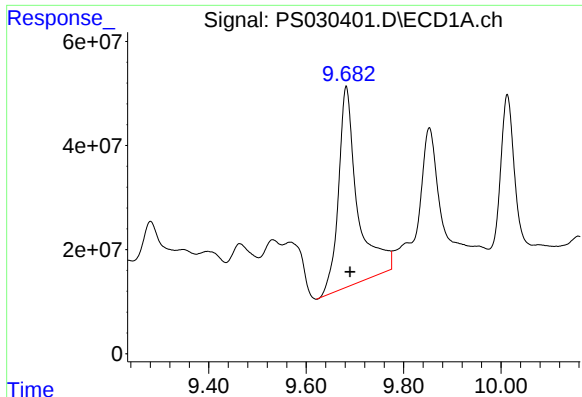
#12 2,4,5-T

R.T.: 9.123 min
Delta R.T.: -0.010 min
Response: 5028225613
Conc: 304.46 ng/ml



#12 2,4,5-T

R.T.: 9.910 min
Delta R.T.: -0.017 min
Response: 2919299078
Conc: 317.19 ng/ml m



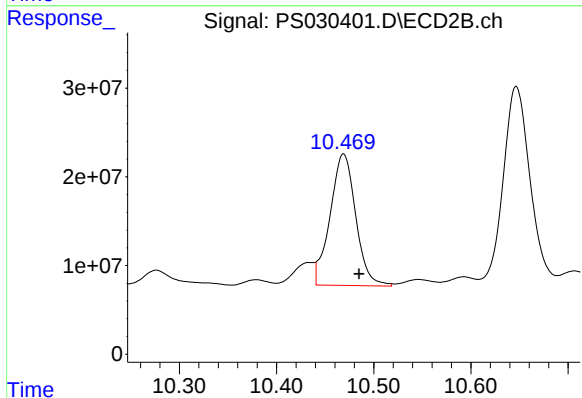
#13 2,4-DB

R.T.: 9.682 min
Delta R.T.: -0.008 min
Response: 1048885311
Conc: 401.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MS

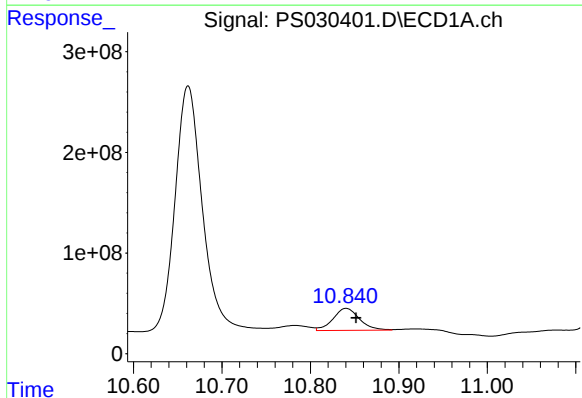
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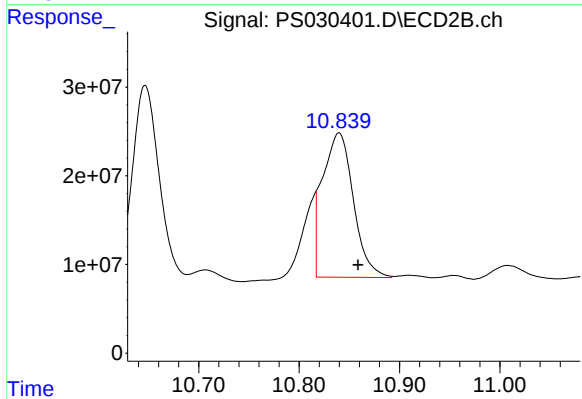
#13 2,4-DB

R.T.: 10.469 min
Delta R.T.: -0.016 min
Response: 271200025
Conc: 273.28 ng/ml m



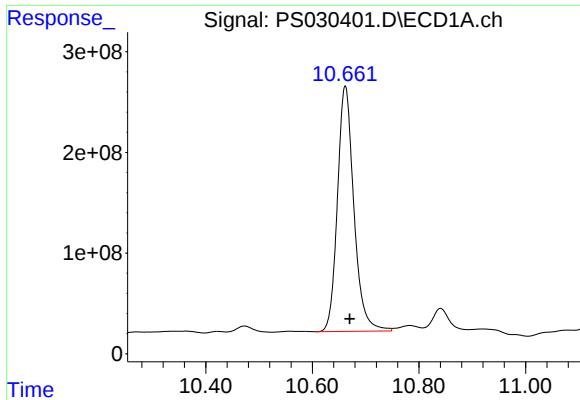
#14 DINOSEB

R.T.: 10.840 min
Delta R.T.: -0.011 min
Response: 457362061
Conc: 39.99 ng/ml



#14 DINOSEB

R.T.: 10.839 min
Delta R.T.: -0.019 min
Response: 343525996
Conc: 50.28 ng/ml m



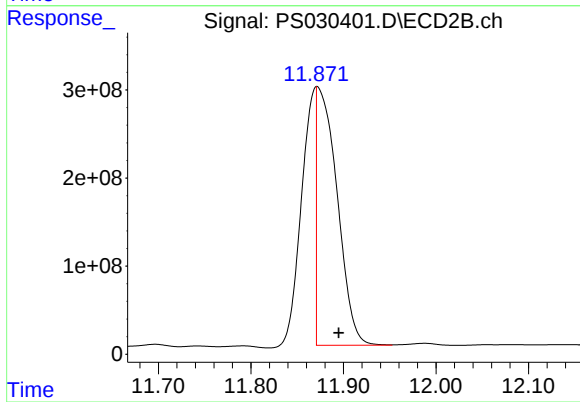
#15 Picloram

R.T.: 10.662 min
Delta R.T.: -0.008 min
Response: 5234762706
Conc: 244.76 ng/ml

Instrument :
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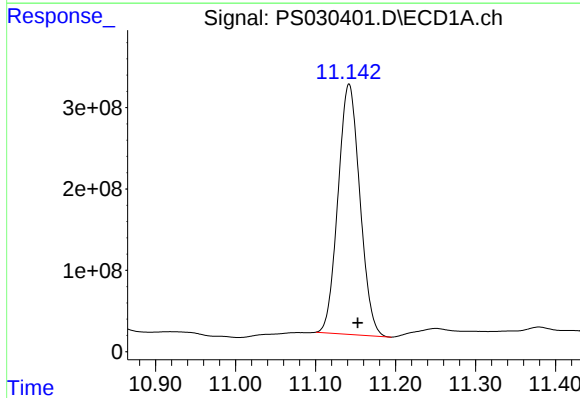
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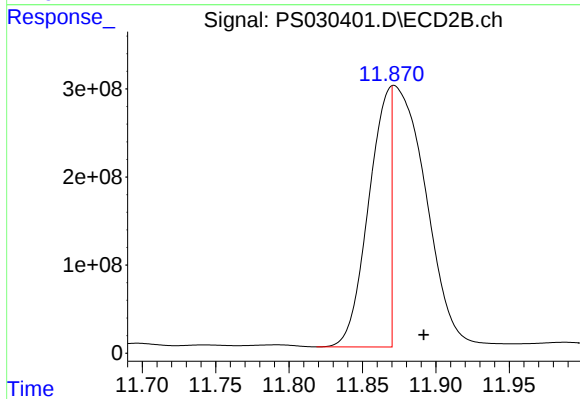
#15 Picloram

R.T.: 11.871 min
Delta R.T.: -0.024 min
Response: 4482408352
Conc: 318.51 ng/ml m



#16 DCPA

R.T.: 11.142 min
Delta R.T.: -0.011 min
Response: 5841952988
Conc: 293.40 ng/ml



#16 DCPA

R.T.: 11.870 min
Delta R.T.: -0.022 min
Response: 3245235524
Conc: 240.20 ng/ml m