

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042325\
 Data File : PS029938.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 19:02
 Operator : AR\AJ
 Sample : PB167675BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167675BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/24/2025
 Supervised By : mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 00:23:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 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 x 0.5 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	6.942	7.466	1329.5E6	380.2E6	540.206	539.714
Target Compounds							
1) T	Dalapon	2.449	2.524	2000.2E6	841.5E6	488.424	484.677
2) T	3,5-DICHL...	6.145	6.463	1801.7E6	493.2E6	504.152	504.543
3) T	4-Nitroph...	6.732	7.000	866.6E6	377.2E6	485.943	492.415
5) T	DICAMBA	7.118	7.652	5049.9E6	1991.1E6	509.948	504.073
6) T	MCP	7.295	7.758	317.2E6	89787310	49.232	51.338
7) T	MCPA	7.438	7.988	430.1E6	121.4E6	48.698	51.319
8) T	DICHLORPROP	7.799	8.346	1274.4E6	512.9E6	502.888	510.855
9) T	2,4-D	8.019	8.659	1432.3E6	573.6E6	509.178	508.935
10) T	Pentachlo...	8.297	9.161	18586.9E6	10674.9E6	532.806	524.701
11) T	2,4,5-TP ...	8.861	9.539	7215.7E6	4239.1E6	520.506	518.122
12) T	2,4,5-T	9.144	9.944	7313.0E6	4002.7E6	520.385	515.645
13) T	2,4-DB	9.702	10.503	1169.9E6	414.0E6	511.931	514.423
14) T	DINOSEB	10.865	10.877	5168.0E6	2940.4E6	507.993	504.273
15) T	Picloram	10.684	11.915	8670.5E6	5388.4E6	473.009	438.665m
16) T	DCPA	11.167	11.910	8987.1E6	5865.0E6	527.999	520.328m

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

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Acq On : 23 Apr 2025 19:02
Operator : AR\AJ
Sample : PB167675BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

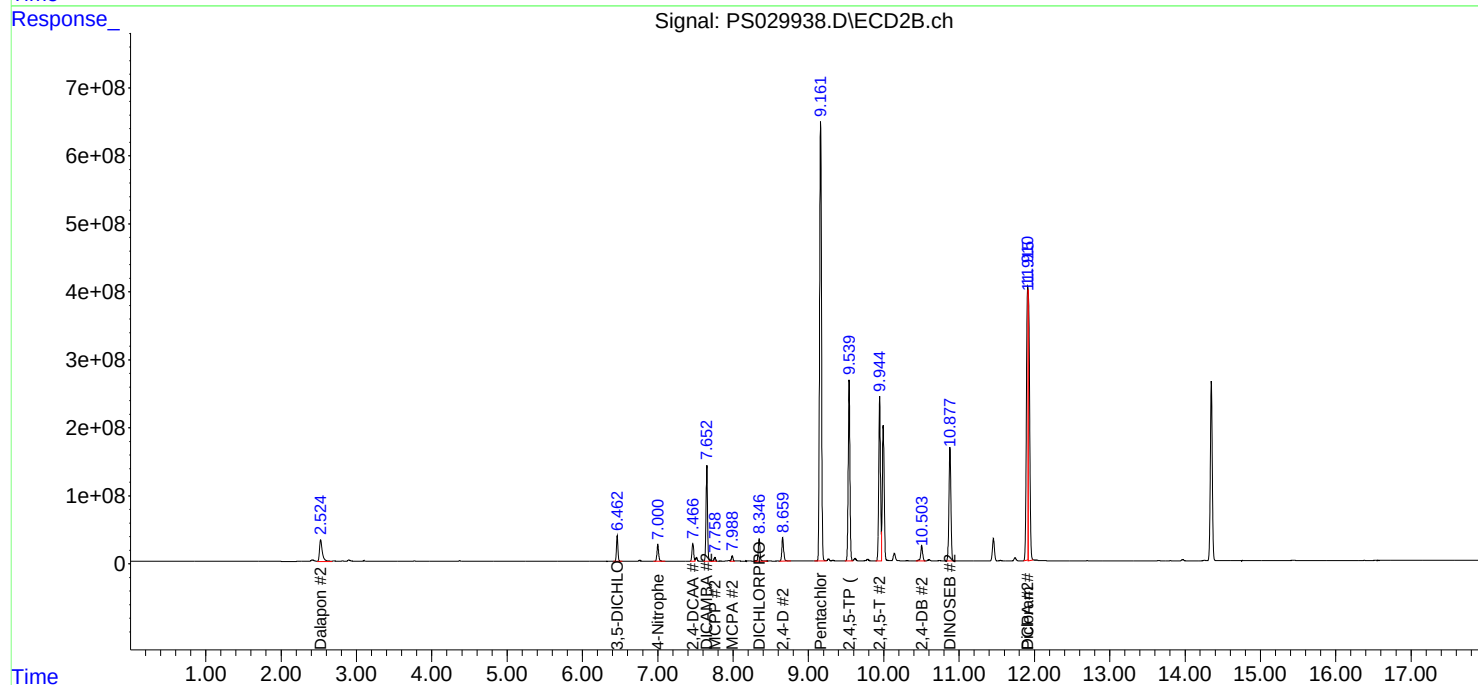
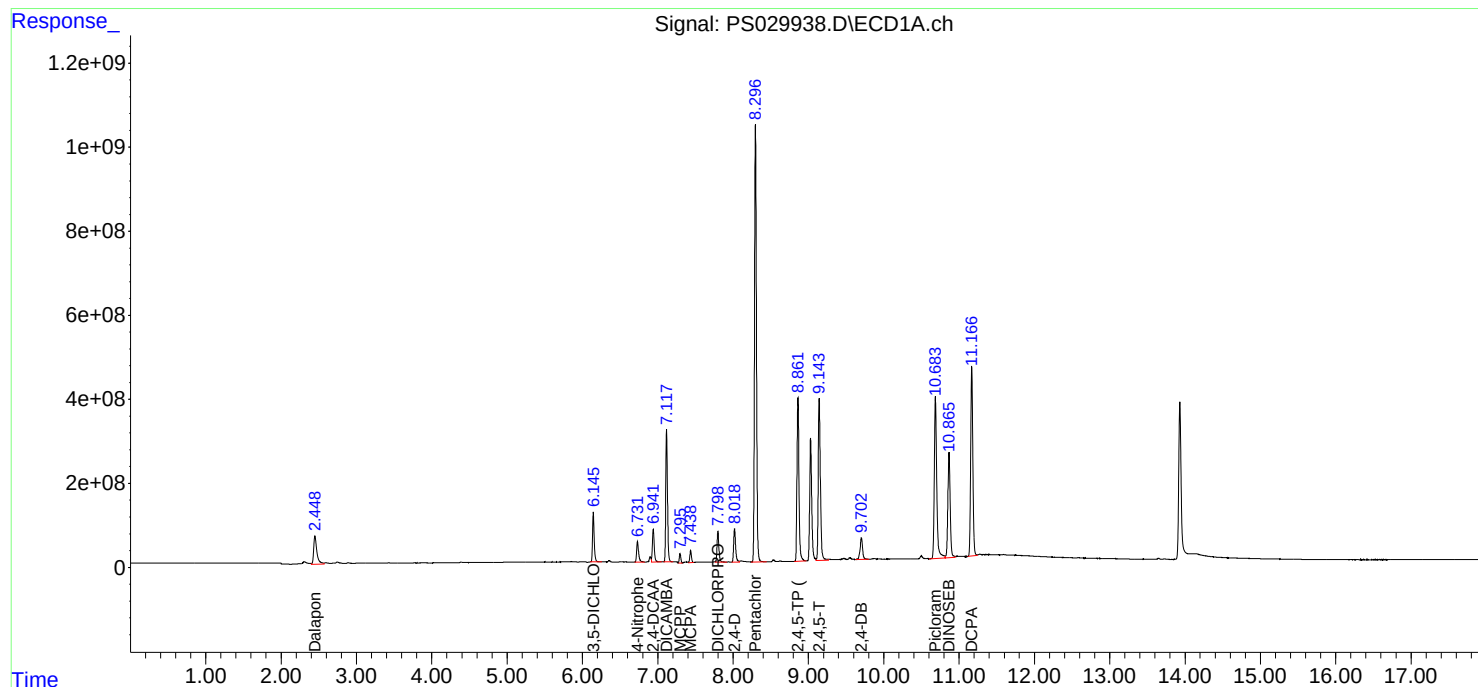
Instrument :
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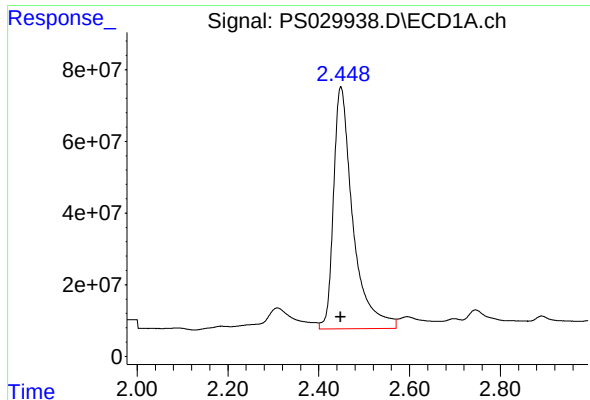
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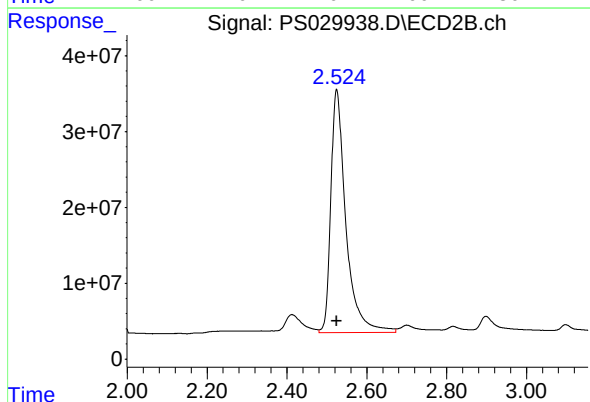
#1 Dalapon

R.T.: 2.449 min
Delta R.T.: 0.000 min
Response: 2000224305
Conc: 488.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167675BS

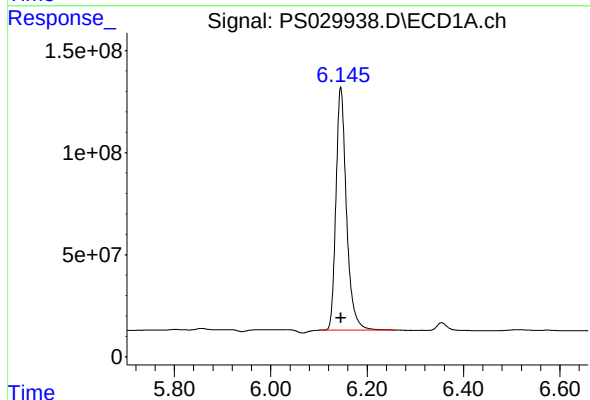
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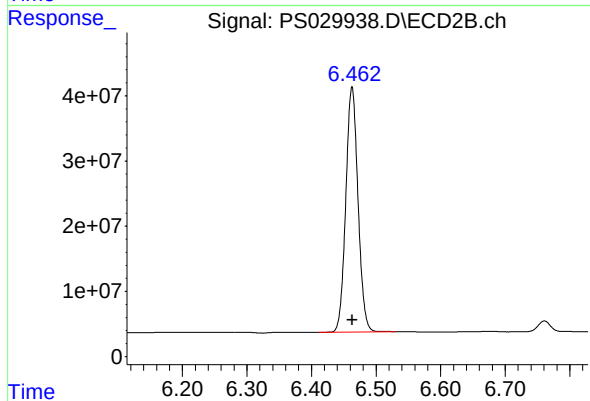
#1 Dalapon

R.T.: 2.524 min
Delta R.T.: 0.000 min
Response: 841469416
Conc: 484.68 ng/ml



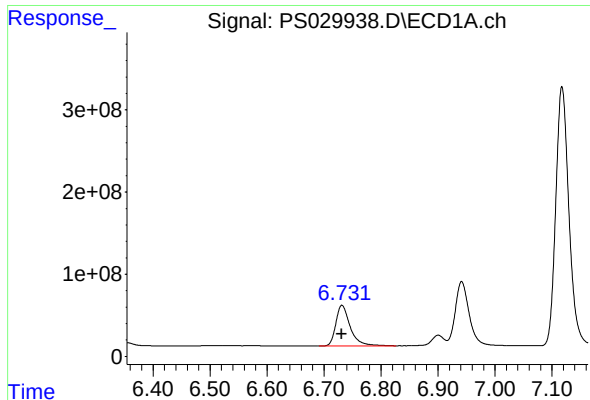
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 1801730450
Conc: 504.15 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 493231150
Conc: 504.54 ng/ml



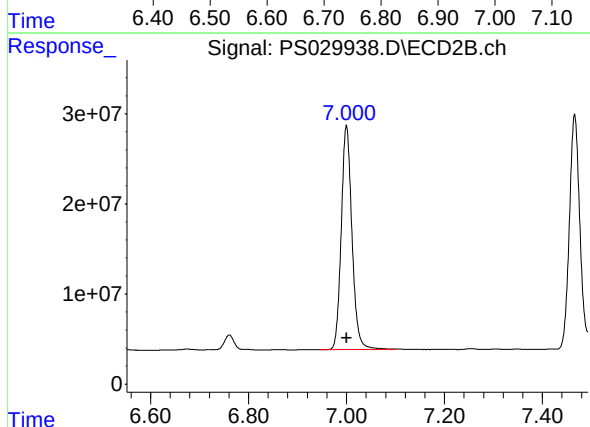
#3 4-Nitrophenol

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 866591787
Conc: 485.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167675BS

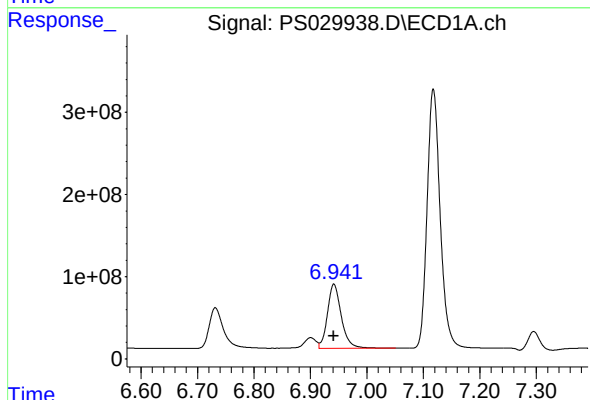
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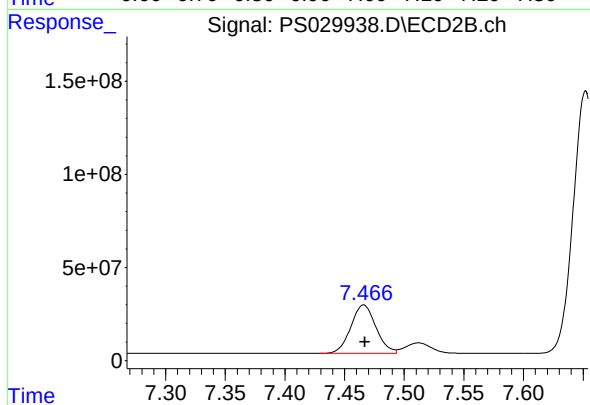
#3 4-Nitrophenol

R.T.: 7.000 min
Delta R.T.: 0.000 min
Response: 377150886
Conc: 492.41 ng/ml



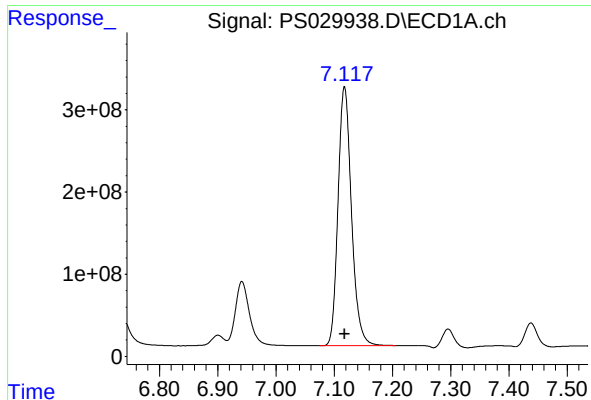
#4 2,4-DCAA

R.T.: 6.942 min
Delta R.T.: 0.000 min
Response: 1329489239
Conc: 540.21 ng/ml



#4 2,4-DCAA

R.T.: 7.466 min
Delta R.T.: -0.001 min
Response: 380237642
Conc: 539.71 ng/ml



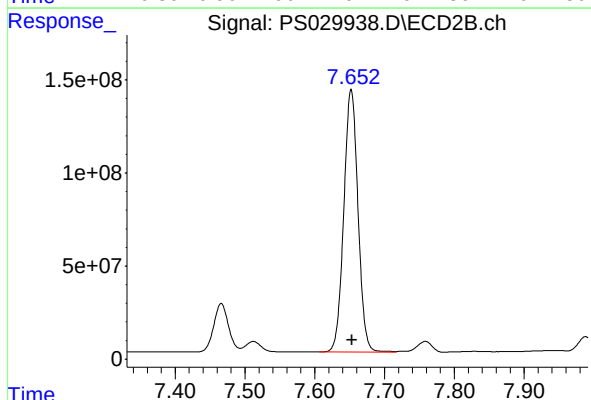
#5 DICAMBA

R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 5049947151
Conc: 509.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167675BS

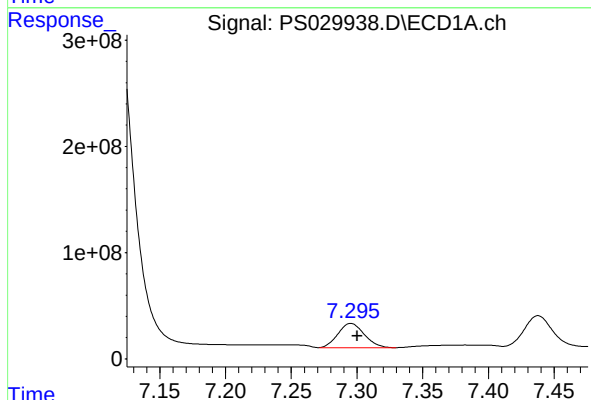
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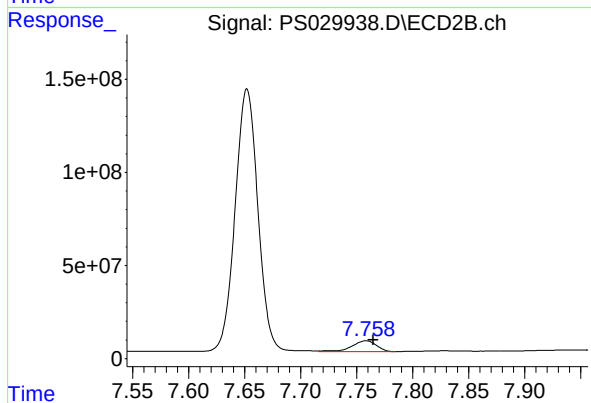
#5 DICAMBA

R.T.: 7.652 min
Delta R.T.: -0.001 min
Response: 1991120712
Conc: 504.07 ng/ml



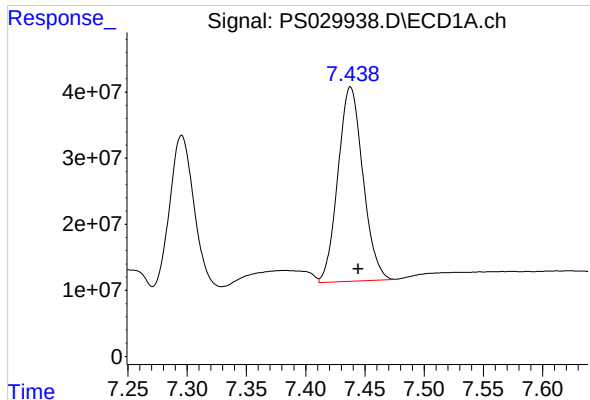
#6 MCPP

R.T.: 7.295 min
Delta R.T.: -0.005 min
Response: 317234917
Conc: 49.23 ug/ml



#6 MCPP

R.T.: 7.758 min
Delta R.T.: -0.006 min
Response: 89787310
Conc: 51.34 ug/ml



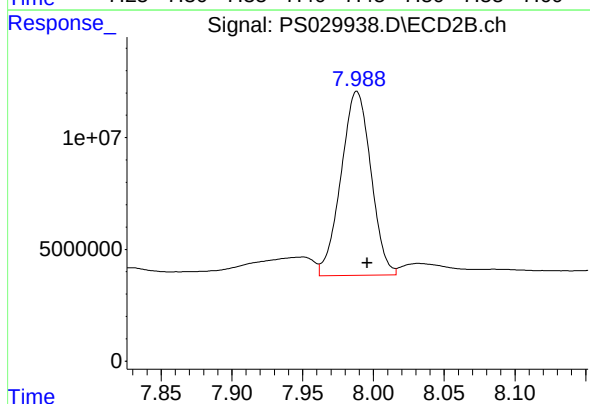
#7 MCPA

R.T.: 7.438 min
Delta R.T.: -0.007 min
Response: 430066836
Conc: 48.70 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167675BS

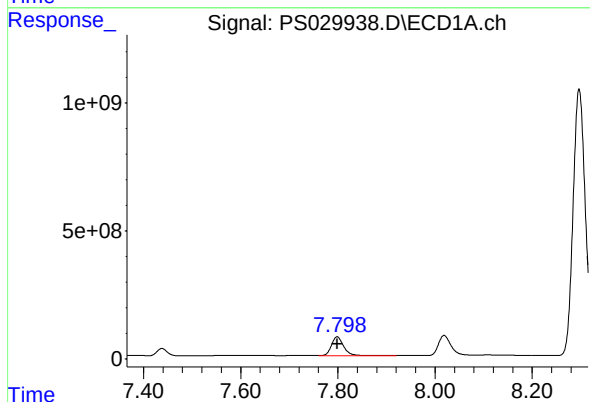
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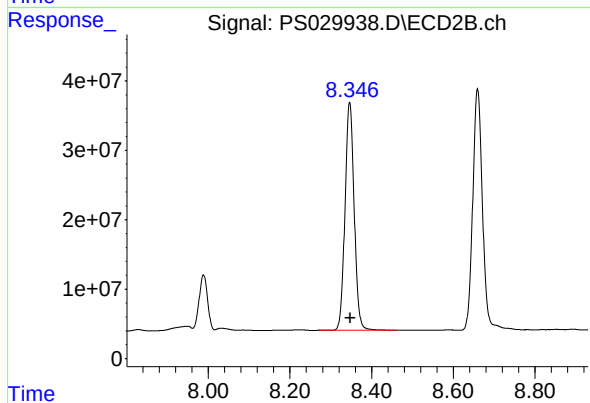
#7 MCPA

R.T.: 7.988 min
Delta R.T.: -0.008 min
Response: 121411502
Conc: 51.32 ug/ml



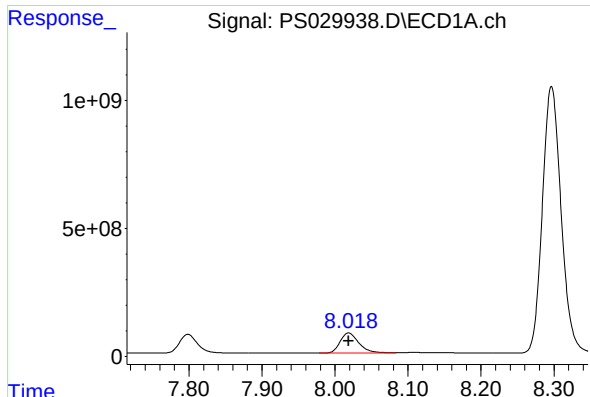
#8 DICHLORPROP

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 1274371612
Conc: 502.89 ng/ml



#8 DICHLORPROP

R.T.: 8.346 min
Delta R.T.: -0.002 min
Response: 512880260
Conc: 510.86 ng/ml



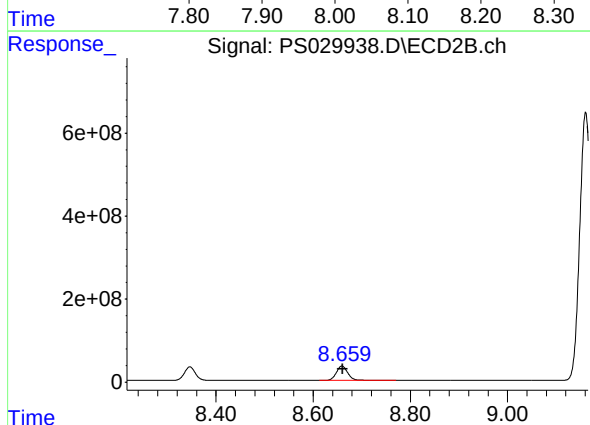
#9 2,4-D

R.T.: 8.019 min
Delta R.T.: 0.000 min
Response: 1432253160
Conc: 509.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167675BS

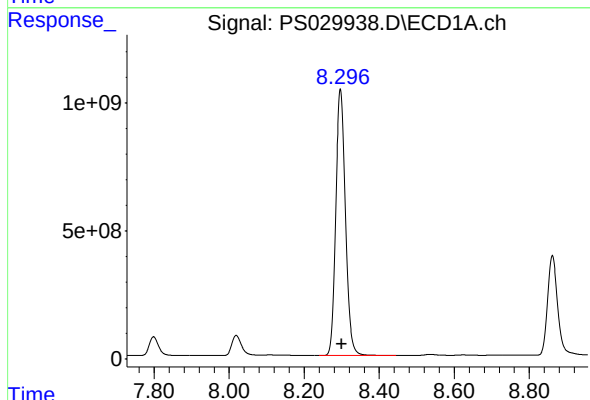
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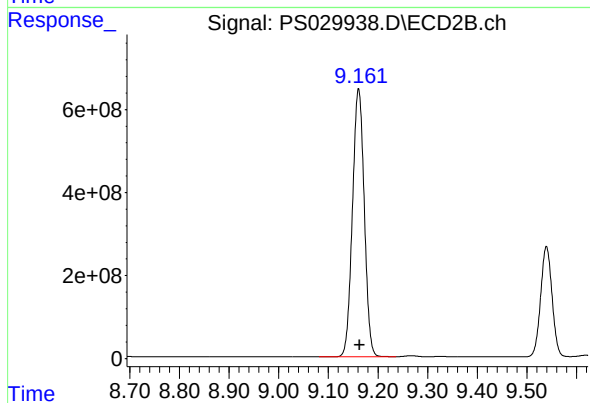
#9 2,4-D

R.T.: 8.659 min
Delta R.T.: -0.002 min
Response: 573624114
Conc: 508.93 ng/ml



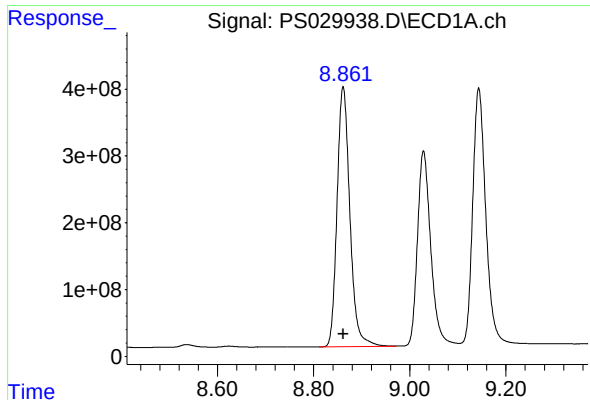
#10 Pentachlorophenol

R.T.: 8.297 min
Delta R.T.: -0.003 min
Response: 18586942407
Conc: 532.81 ng/ml



#10 Pentachlorophenol

R.T.: 9.161 min
Delta R.T.: -0.003 min
Response: 10674946609
Conc: 524.70 ng/ml



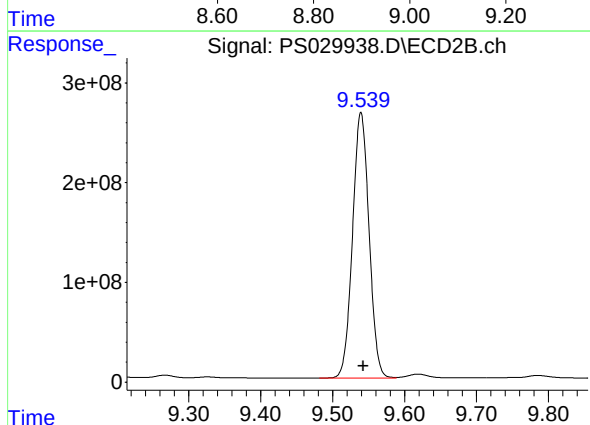
#11 2,4,5-TP (SILVEX)

R.T.: 8.861 min
Delta R.T.: 0.000 min
Response: 7215694633
Conc: 520.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167675BS

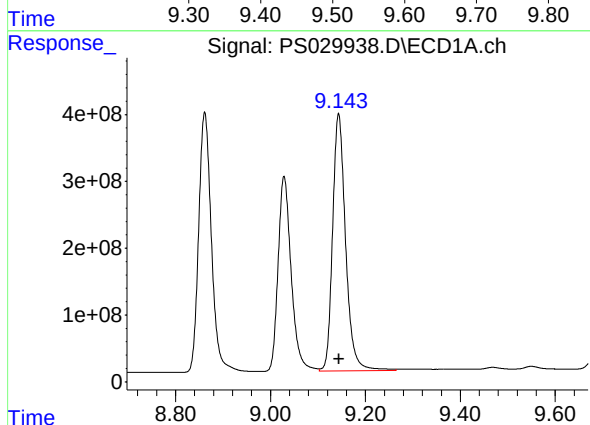
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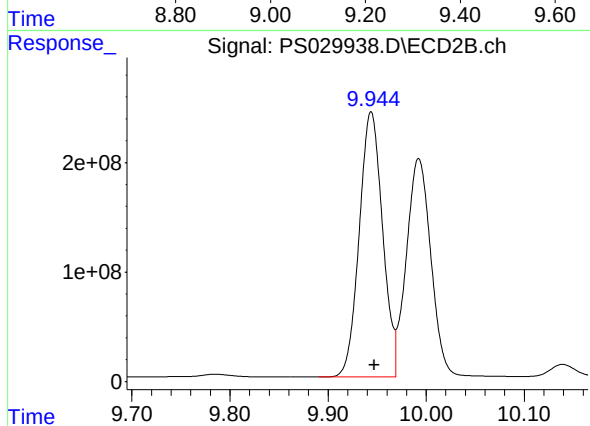
#11 2,4,5-TP (SILVEX)

R.T.: 9.539 min
Delta R.T.: -0.003 min
Response: 4239141312
Conc: 518.12 ng/ml



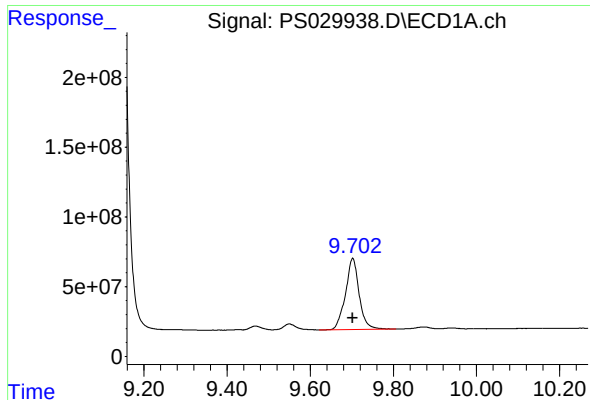
#12 2,4,5-T

R.T.: 9.144 min
Delta R.T.: 0.000 min
Response: 7313029684
Conc: 520.39 ng/ml



#12 2,4,5-T

R.T.: 9.944 min
Delta R.T.: -0.003 min
Response: 4002749019
Conc: 515.65 ng/ml



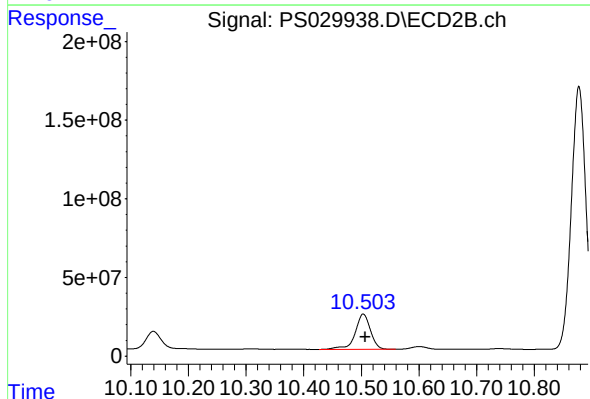
#13 2,4-DB

R.T.: 9.702 min
Delta R.T.: 0.000 min
Response: 1169944227
Conc: 511.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167675BS

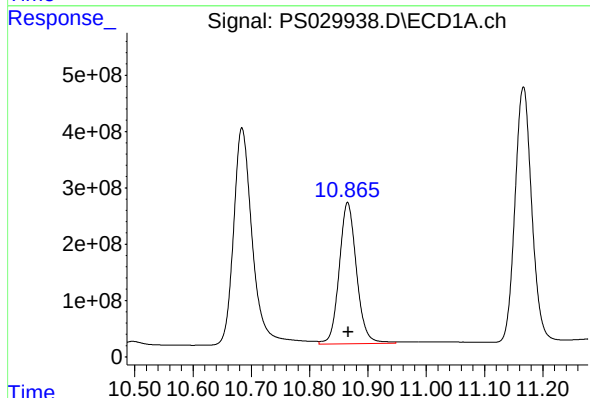
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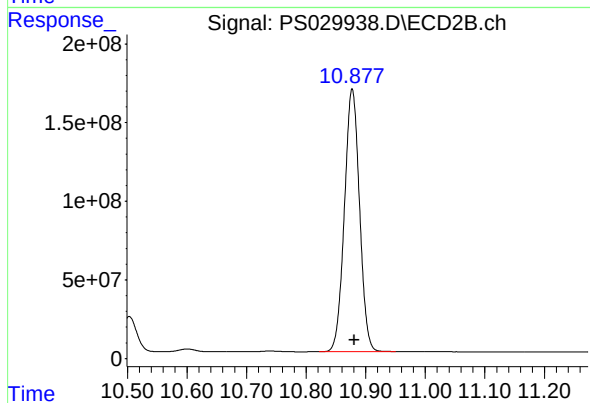
#13 2,4-DB

R.T.: 10.503 min
Delta R.T.: -0.003 min
Response: 414029180
Conc: 514.42 ng/ml



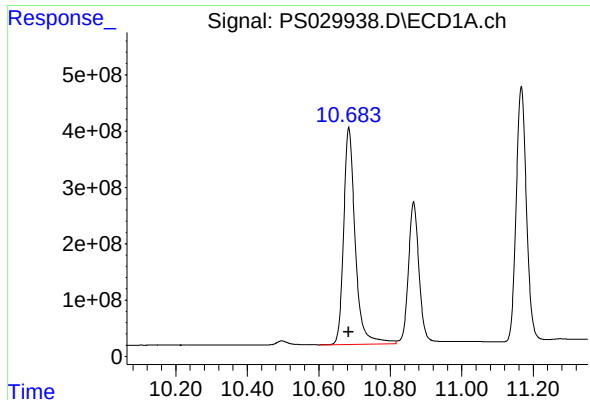
#14 DINOSEB

R.T.: 10.865 min
Delta R.T.: 0.000 min
Response: 5168030065
Conc: 507.99 ng/ml



#14 DINOSEB

R.T.: 10.877 min
Delta R.T.: -0.004 min
Response: 2940404191
Conc: 504.27 ng/ml



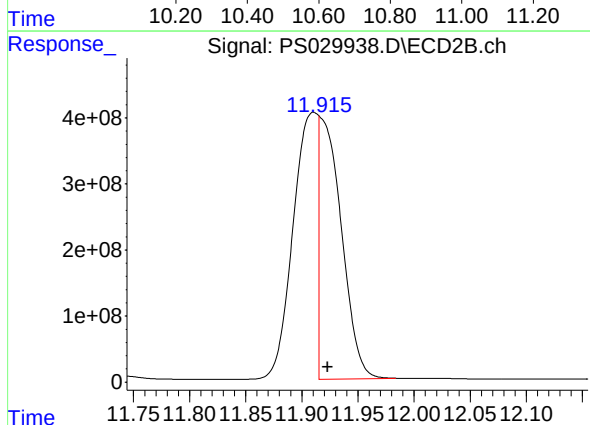
#15 Picloram

R.T.: 10.684 min
Delta R.T.: 0.000 min
Response: 8670541965
Conc: 473.01 ng/ml

Instrument :
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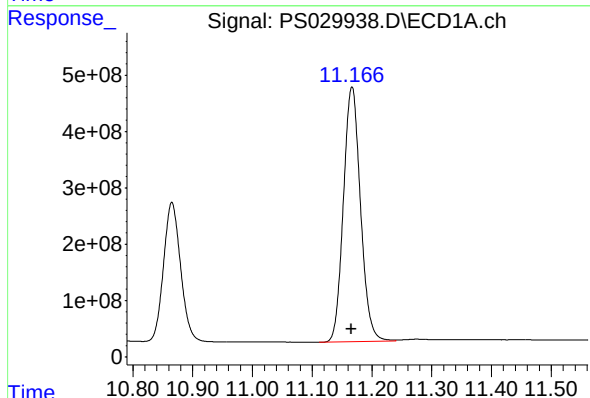
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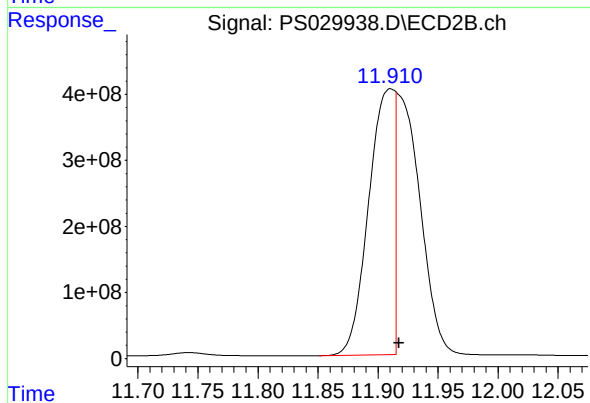
#15 Picloram

R.T.: 11.915 min
Delta R.T.: -0.008 min
Response: 5388404158
Conc: 438.67 ng/ml m



#16 DCPA

R.T.: 11.167 min
Delta R.T.: 0.000 min
Response: 8987062879
Conc: 528.00 ng/ml



#16 DCPA

R.T.: 11.910 min
Delta R.T.: -0.008 min
Response: 5864961011
Conc: 520.33 ng/ml m