

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040925\
 Data File : PS029769.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 22:58
 Operator : AR\AJ
 Sample : PB167536BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167536BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/10/2025
 Supervised By :mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 06:43:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 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	6.941	7.471	1134.4E6	396.0E6	556.398	581.104
Target Compounds							
1) T	Dalapon	2.459	2.531	1730.5E6	761.5E6	510.107	479.628
2) T	3,5-DICHL...	6.147	6.467	1676.7E6	509.7E6	557.474m	527.858
3) T	4-Nitroph...	6.733	7.005	800.5E6	361.5E6	569.859	509.911
5) T	DICAMBA	7.117	7.657	4501.7E6	2033.3E6	540.944	550.533
6) T	MCP	7.294	7.763	282.7E6	84256237	52.157	49.901
7) T	MCPA	7.436	7.993	399.8E6	114.2E6	55.001m	50.180
8) T	DICHLORPROP	7.797	8.351	1212.3E6	555.7E6	551.177	575.211
9) T	2,4-D	8.017	8.664	1383.4E6	602.3E6	574.108	558.472
10) T	Pentachlo...	8.296	9.166	17317.3E6	10487.2E6	569.554	584.974
11) T	2,4,5-TP ...	8.858	9.543	6635.1E6	4158.4E6	571.236m	576.516
12) T	2,4,5-T	9.140	9.948	6569.0E6	3858.9E6	570.999	575.707
13) T	2,4-DB	9.699	10.504	995.0E6	397.6E6	547.661	535.844
14) T	DINOSEB	10.861	10.876	4617.3E6	2783.0E6	546.941	544.323
15) T	Picloram	10.678	11.913	8659.2E6	5769.7E6	558.644	487.943m
16) T	DCPA	11.160	11.906	8032.8E6	5267.1E6	575.164	595.110m

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

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Acq On : 09 Apr 2025 22:58
Operator : AR\AJ
Sample : PB167536BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

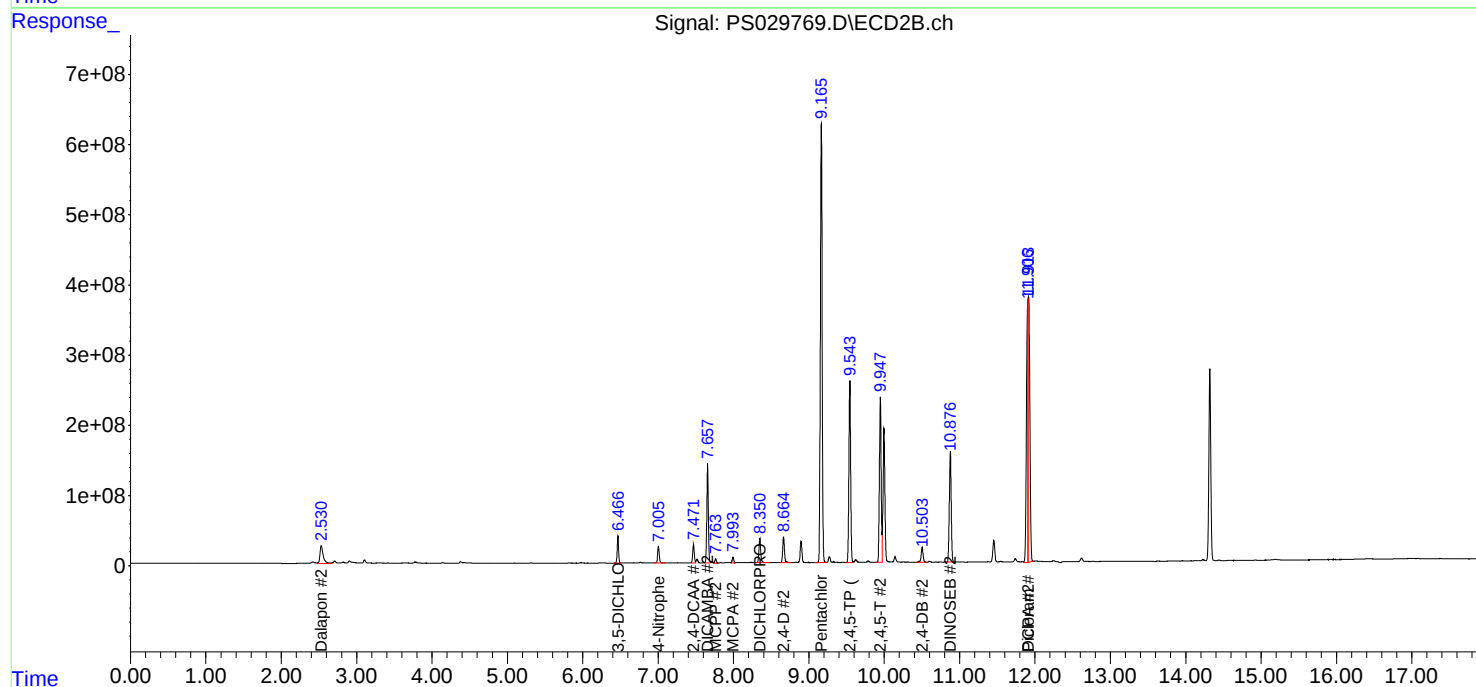
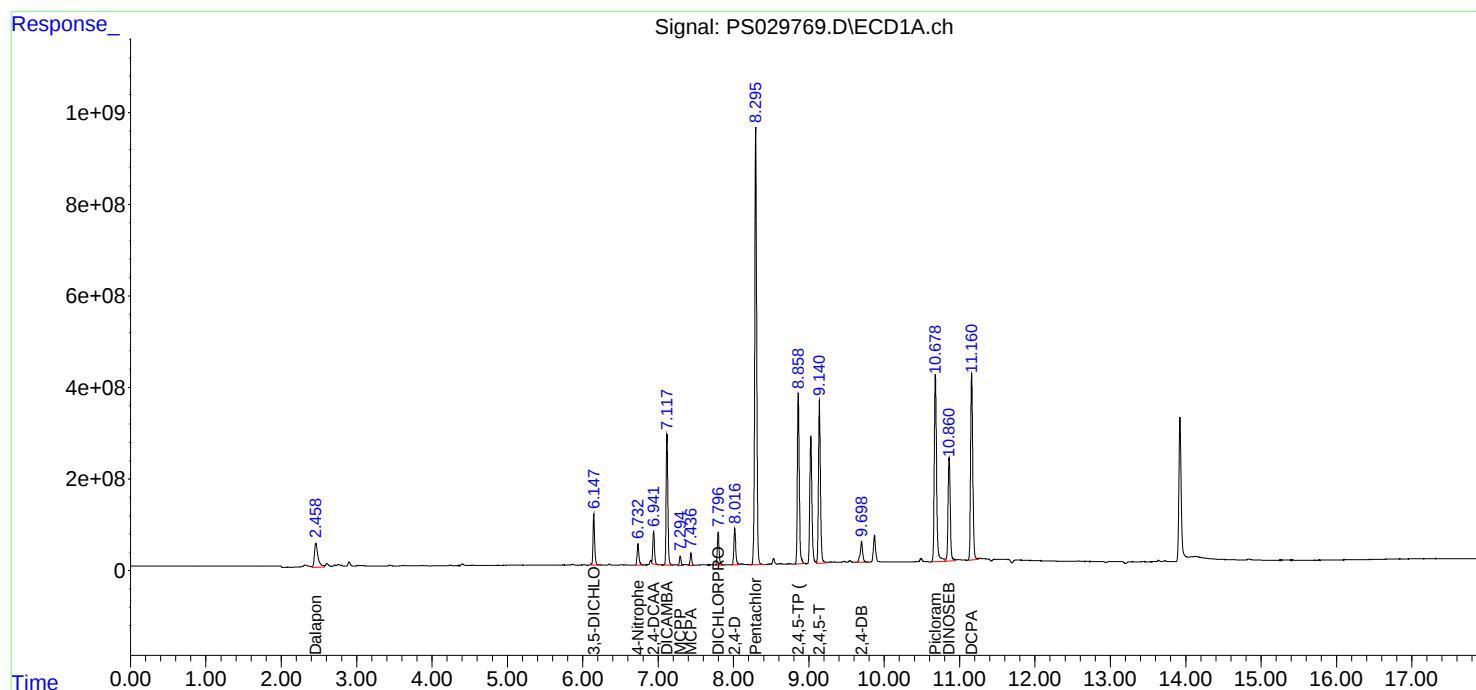
Instrument :
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ClientSampleId :
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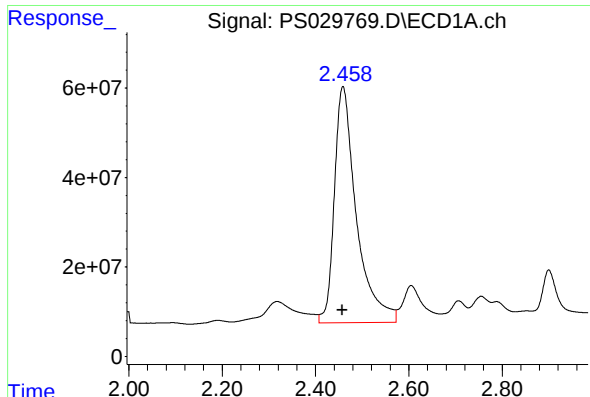
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.459 min
Delta R.T.: 0.000 min
Response: 1730485219
Conc: 510.11 ng/ml

Instrument :

ECD_S

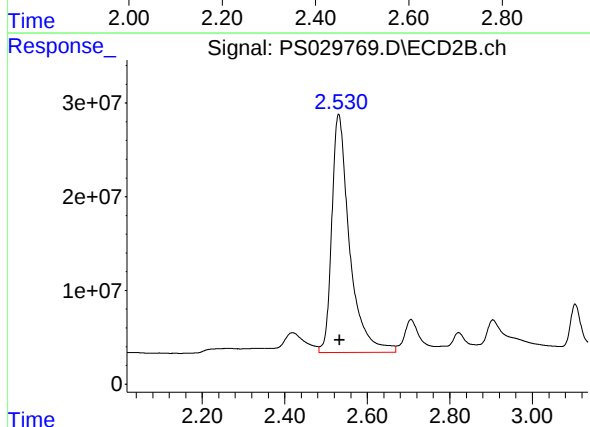
ClientSampleId :

PB167536BS

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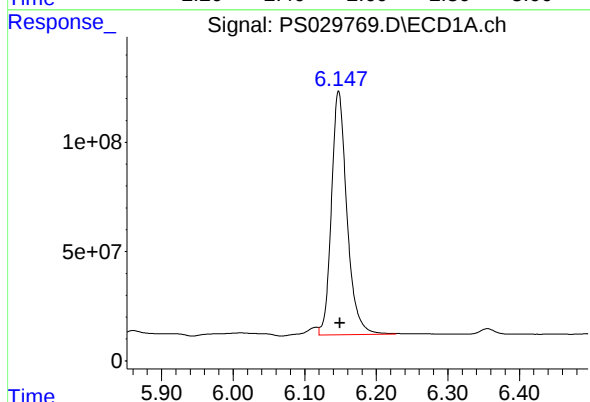
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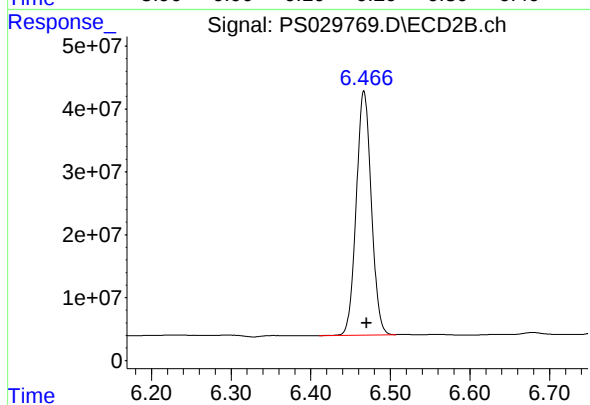
#1 Dalapon

R.T.: 2.531 min
Delta R.T.: -0.003 min
Response: 761454722
Conc: 479.63 ng/ml



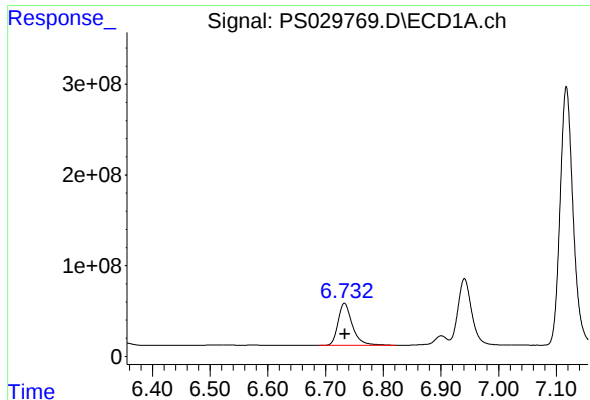
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.147 min
Delta R.T.: -0.002 min
Response: 1676749093
Conc: 557.47 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.467 min
Delta R.T.: -0.003 min
Response: 509676713
Conc: 527.86 ng/ml



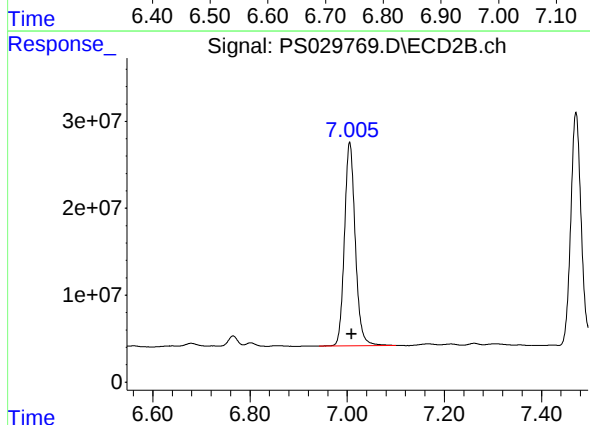
#3 4-Nitrophenol

R.T.: 6.733 min
Delta R.T.: -0.001 min
Response: 800536630
Conc: 569.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167536BS

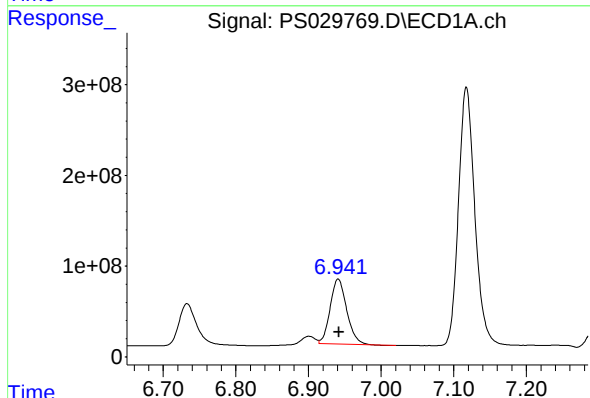
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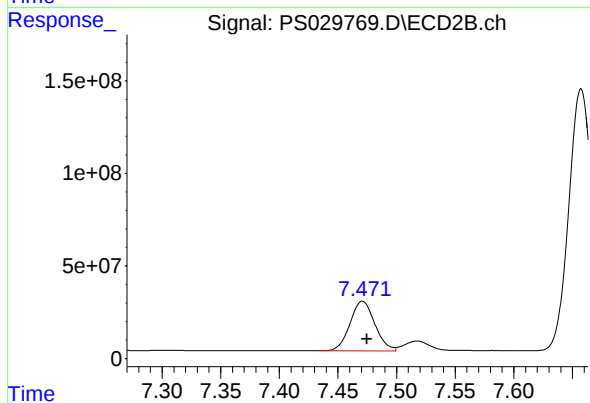
#3 4-Nitrophenol

R.T.: 7.005 min
Delta R.T.: -0.004 min
Response: 361526079
Conc: 509.91 ng/ml



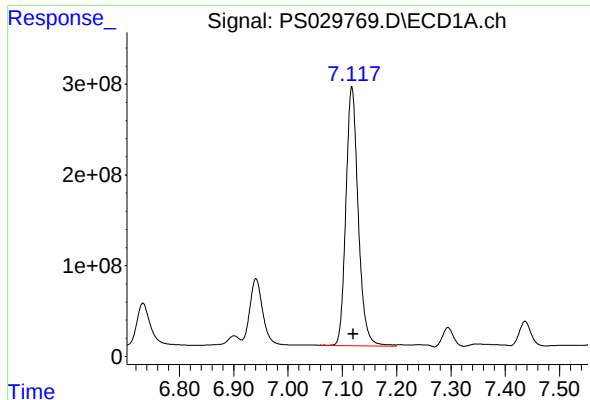
#4 2,4-DCAA

R.T.: 6.941 min
Delta R.T.: -0.001 min
Response: 1134402057
Conc: 556.40 ng/ml



#4 2,4-DCAA

R.T.: 7.471 min
Delta R.T.: -0.004 min
Response: 396029572
Conc: 581.10 ng/ml



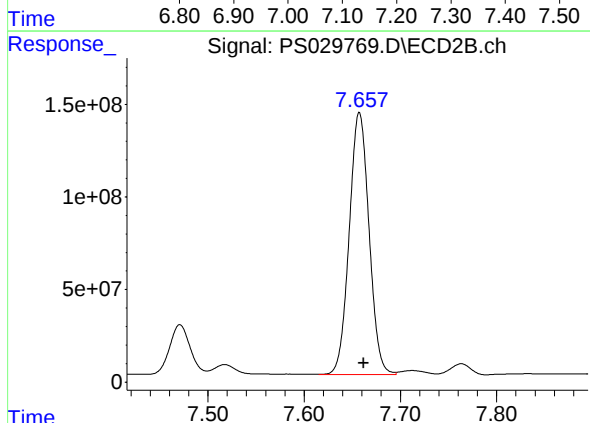
#5 DICAMBA

R.T.: 7.117 min
Delta R.T.: -0.003 min
Response: 4501704261
Conc: 540.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167536BS

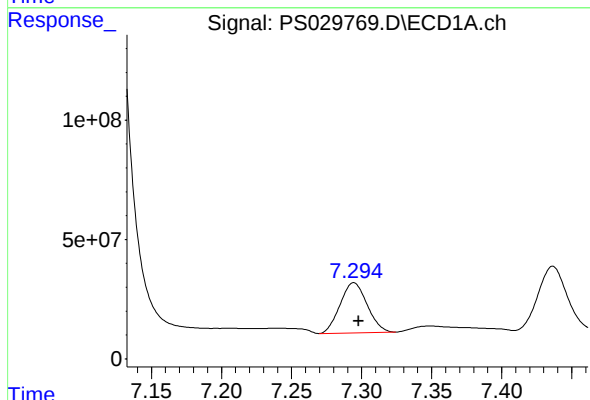
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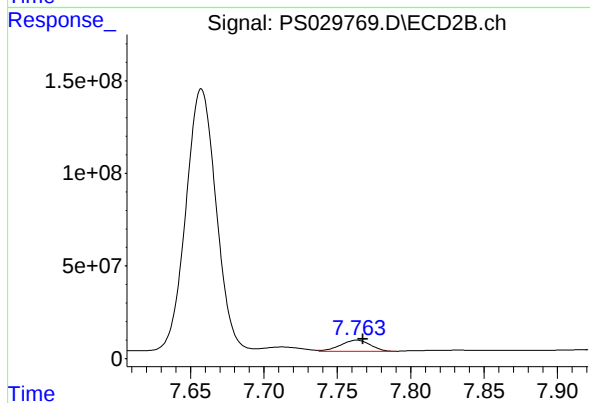
#5 DICAMBA

R.T.: 7.657 min
Delta R.T.: -0.004 min
Response: 2033320103
Conc: 550.53 ng/ml



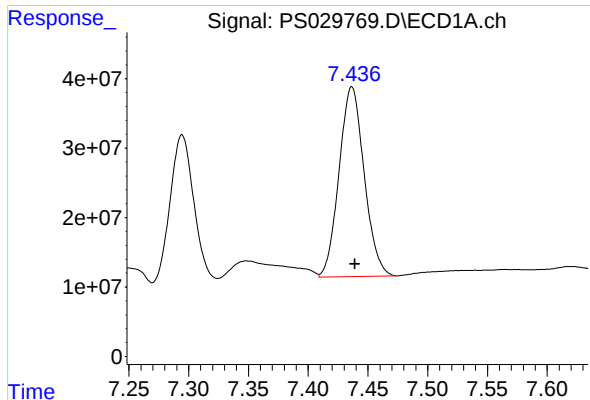
#6 MCPP

R.T.: 7.294 min
Delta R.T.: -0.004 min
Response: 282685258
Conc: 52.16 ug/ml



#6 MCPP

R.T.: 7.763 min
Delta R.T.: -0.004 min
Response: 84256237
Conc: 49.90 ug/ml



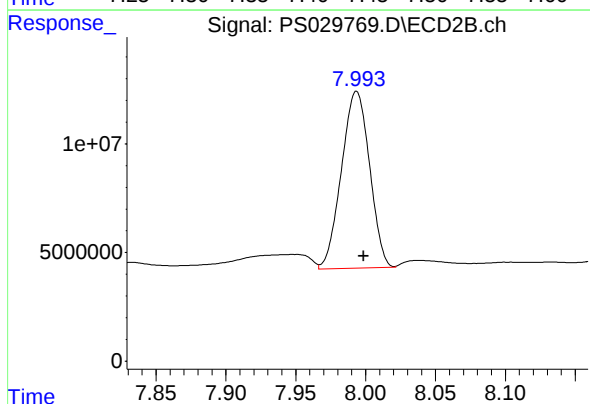
#7 MCPA

R.T.: 7.436 min
Delta R.T.: -0.003 min
Response: 399802786
Conc: 55.00 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167536BS

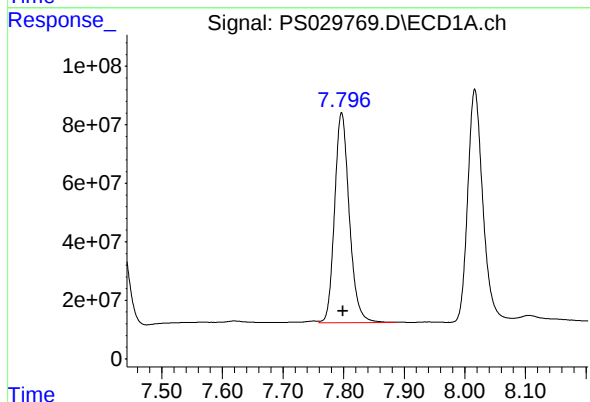
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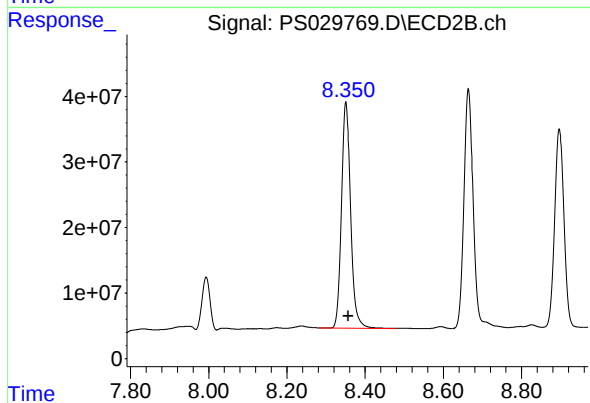
#7 MCPA

R.T.: 7.993 min
Delta R.T.: -0.005 min
Response: 114172806
Conc: 50.18 ug/ml



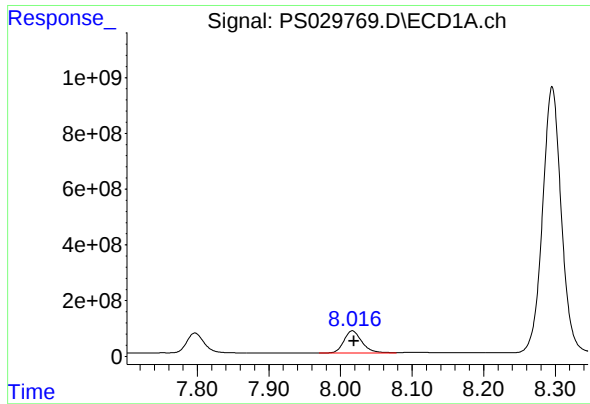
#8 DICHLORPROP

R.T.: 7.797 min
Delta R.T.: -0.002 min
Response: 1212278994
Conc: 551.18 ng/ml



#8 DICHLORPROP

R.T.: 8.351 min
Delta R.T.: -0.005 min
Response: 555741483
Conc: 575.21 ng/ml



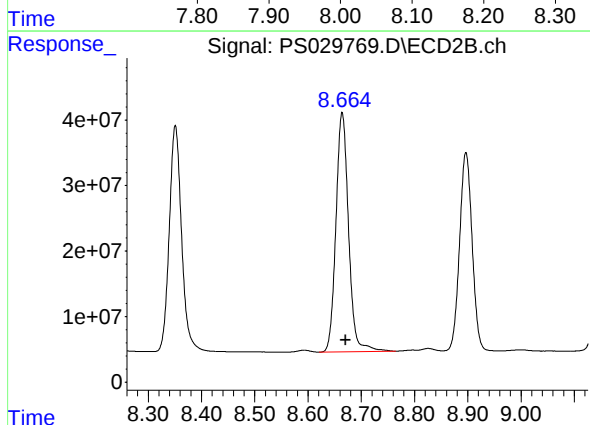
#9 2,4-D

R.T.: 8.017 min
Delta R.T.: -0.002 min
Response: 1383366161
Conc: 574.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167536BS

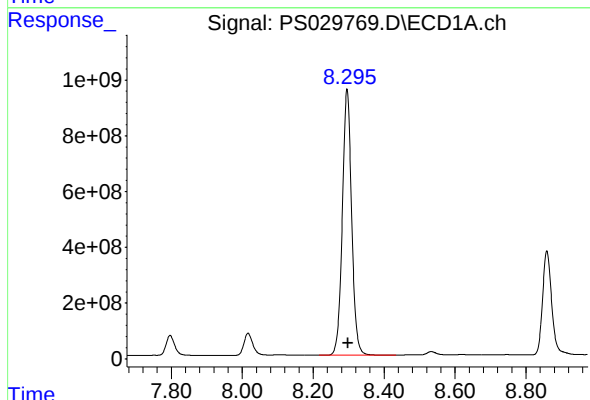
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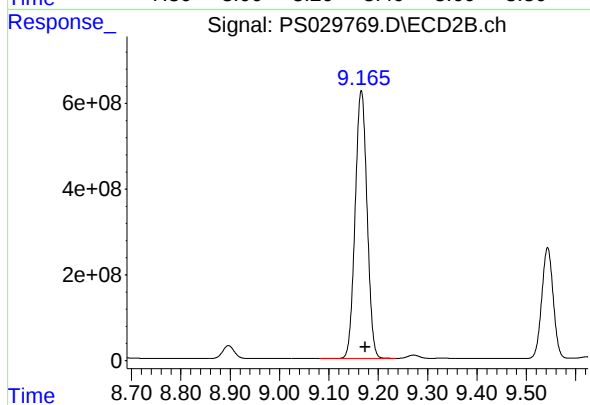
#9 2,4-D

R.T.: 8.664 min
Delta R.T.: -0.007 min
Response: 602292605
Conc: 558.47 ng/ml



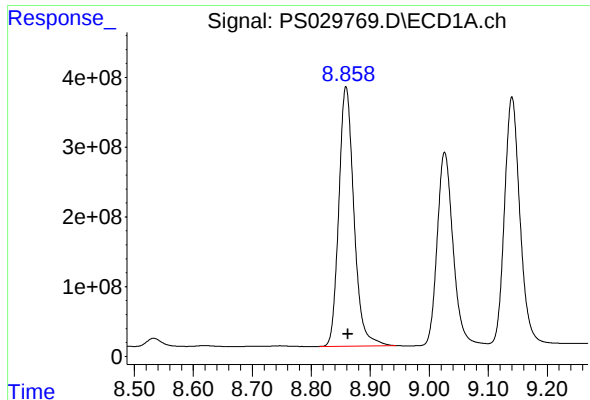
#10 Pentachlorophenol

R.T.: 8.296 min
Delta R.T.: -0.002 min
Response: 17317296783
Conc: 569.55 ng/ml



#10 Pentachlorophenol

R.T.: 9.166 min
Delta R.T.: -0.008 min
Response: 10487244142
Conc: 584.97 ng/ml



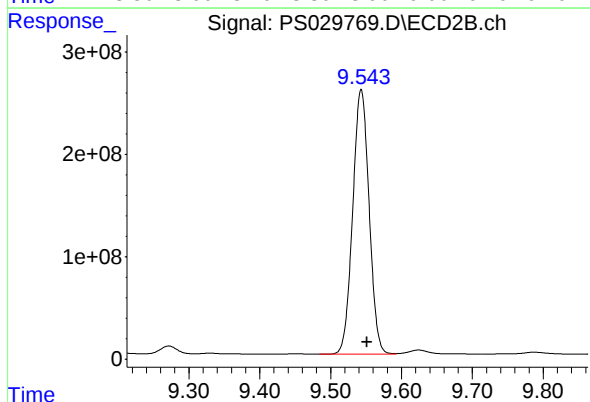
#11 2,4,5-TP (SILVEX)

R.T.: 8.858 min
Delta R.T.: -0.004 min
Response: 6635107417
Conc: 571.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167536BS

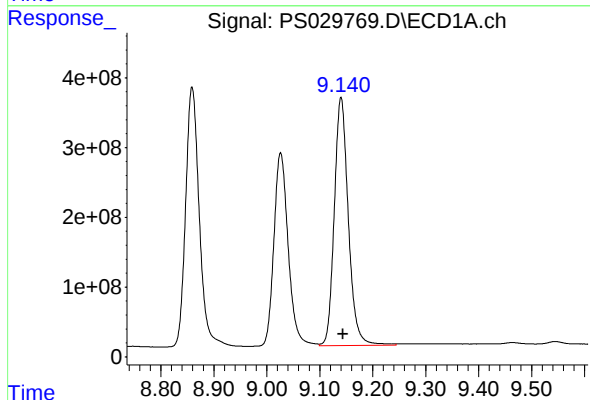
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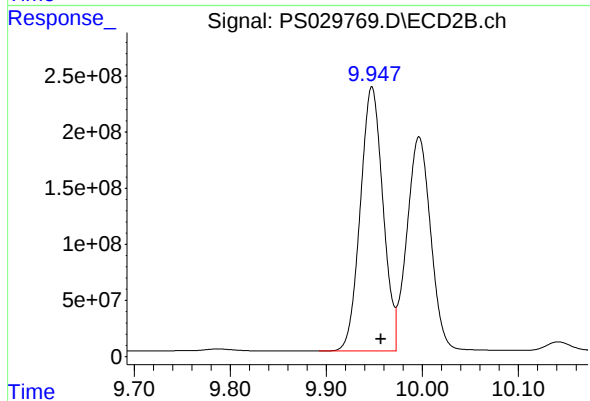
#11 2,4,5-TP (SILVEX)

R.T.: 9.543 min
Delta R.T.: -0.008 min
Response: 4158387084
Conc: 576.52 ng/ml



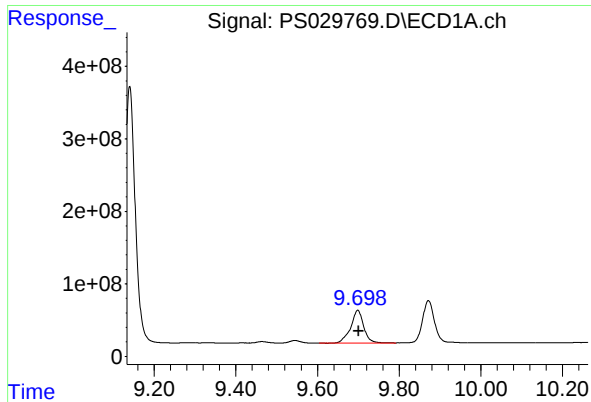
#12 2,4,5-T

R.T.: 9.140 min
Delta R.T.: -0.004 min
Response: 6569021618
Conc: 571.00 ng/ml



#12 2,4,5-T

R.T.: 9.948 min
Delta R.T.: -0.009 min
Response: 3858868086
Conc: 575.71 ng/ml



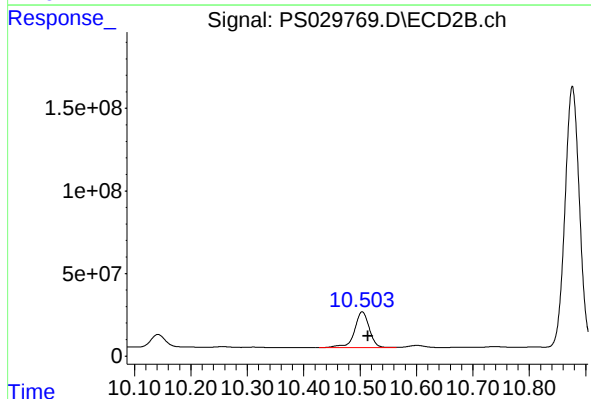
#13 2,4-DB

R.T.: 9.699 min
Delta R.T.: -0.002 min
Response: 994960393
Conc: 547.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167536BS

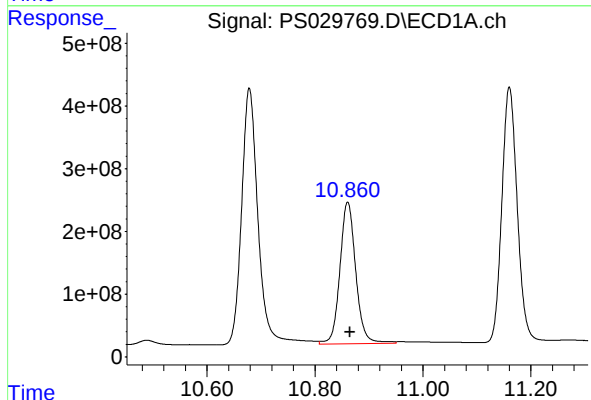
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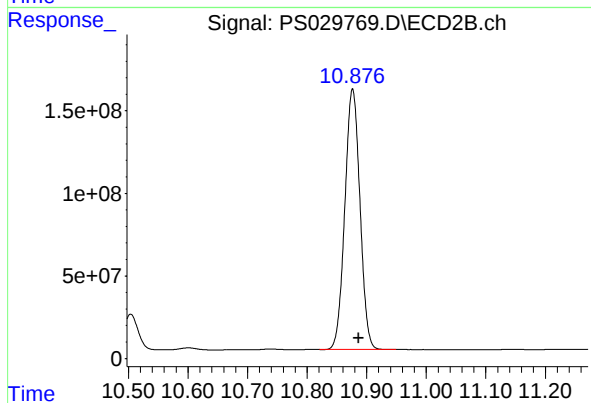
#13 2,4-DB

R.T.: 10.504 min
Delta R.T.: -0.010 min
Response: 397582821
Conc: 535.84 ng/ml



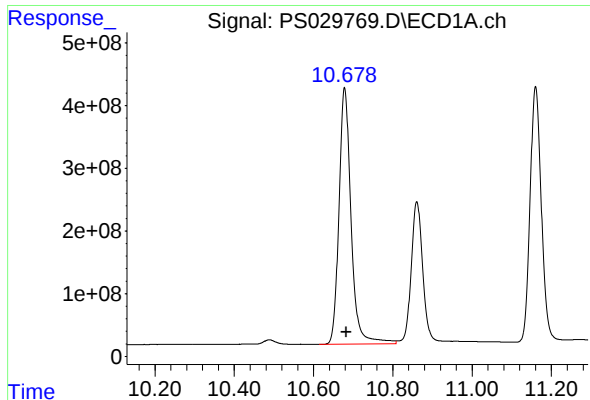
#14 DINOSEB

R.T.: 10.861 min
Delta R.T.: -0.004 min
Response: 4617294349
Conc: 546.94 ng/ml



#14 DINOSEB

R.T.: 10.876 min
Delta R.T.: -0.010 min
Response: 2783017631
Conc: 544.32 ng/ml



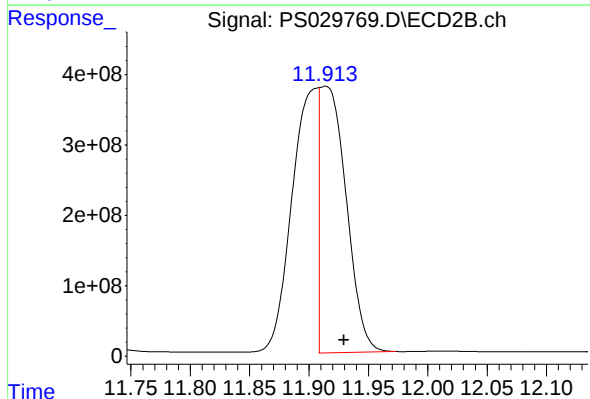
#15 Picloram

R.T.: 10.678 min
Delta R.T.: -0.005 min
Response: 8659211430
Conc: 558.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167536BS

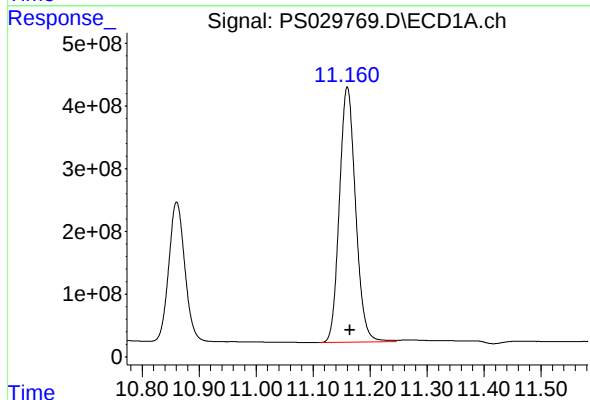
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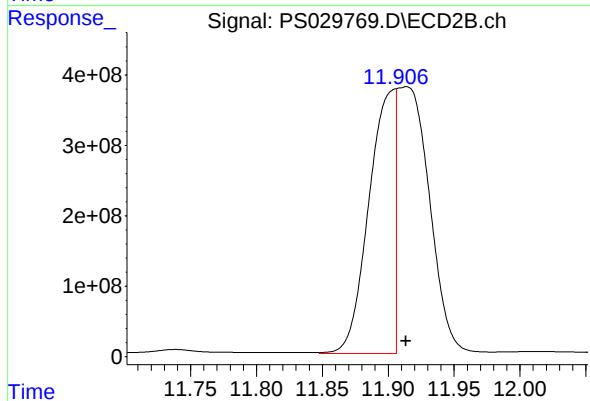
#15 Picloram

R.T.: 11.913 min
Delta R.T.: -0.016 min
Response: 5769650929
Conc: 487.94 ng/ml m



#16 DCPA

R.T.: 11.160 min
Delta R.T.: -0.005 min
Response: 8032805226
Conc: 575.16 ng/ml



#16 DCPA

R.T.: 11.906 min
Delta R.T.: -0.008 min
Response: 5267114195
Conc: 595.11 ng/ml m