

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042325\
 Data File : PS029940.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 19:51
 Operator : AR\AJ
 Sample : PB167701BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167701BS

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 00:24:26 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	6.941	7.466	1348.5E6	388.9E6	547.940	551.945
Target Compounds							
1) T	Dalapon	2.449	2.525	2087.8E6	863.7E6	509.803	497.464
2) T	3,5-DICHL...	6.145	6.462	1815.4E6	499.9E6	507.974	511.345
3) T	4-Nitroph...	6.731	7.000	878.3E6	380.9E6	492.536	497.306
5) T	DICAMBA	7.118	7.651	5092.8E6	2025.9E6	514.279	512.865
6) T	MCP	7.295	7.758	322.3E6	92022620	50.022	52.616
7) T	MCPA	7.438	7.988	439.8E6	117.7E6	49.798	49.765
8) T	DICHLORPROP	7.798	8.346	1287.6E6	519.0E6	508.091	516.949
9) T	2,4-D	8.019	8.659	1437.4E6	580.7E6	511.000	515.231
10) T	Pentachlo...	8.297	9.161	18587.1E6	10806.7E6	532.809	531.178
11) T	2,4,5-TP ...	8.861	9.540	7206.8E6	4292.5E6	519.867	524.642
12) T	2,4,5-T	9.144	9.944	7345.3E6	4049.6E6	522.678	521.678
13) T	2,4-DB	9.701	10.504	1158.8E6	424.0E6	507.073	526.754
14) T	DINOSEB	10.865	10.877	5286.4E6	2979.8E6	519.624	511.026
15) T	Picloram	10.684	11.913	8387.8E6	6010.7E6	457.584	489.324m
16) T	DCPA	11.166	11.910	9022.0E6	5962.4E6	530.053	528.969m

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

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Acq On : 23 Apr 2025 19:51
Operator : AR\AJ
Sample : PB167701BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

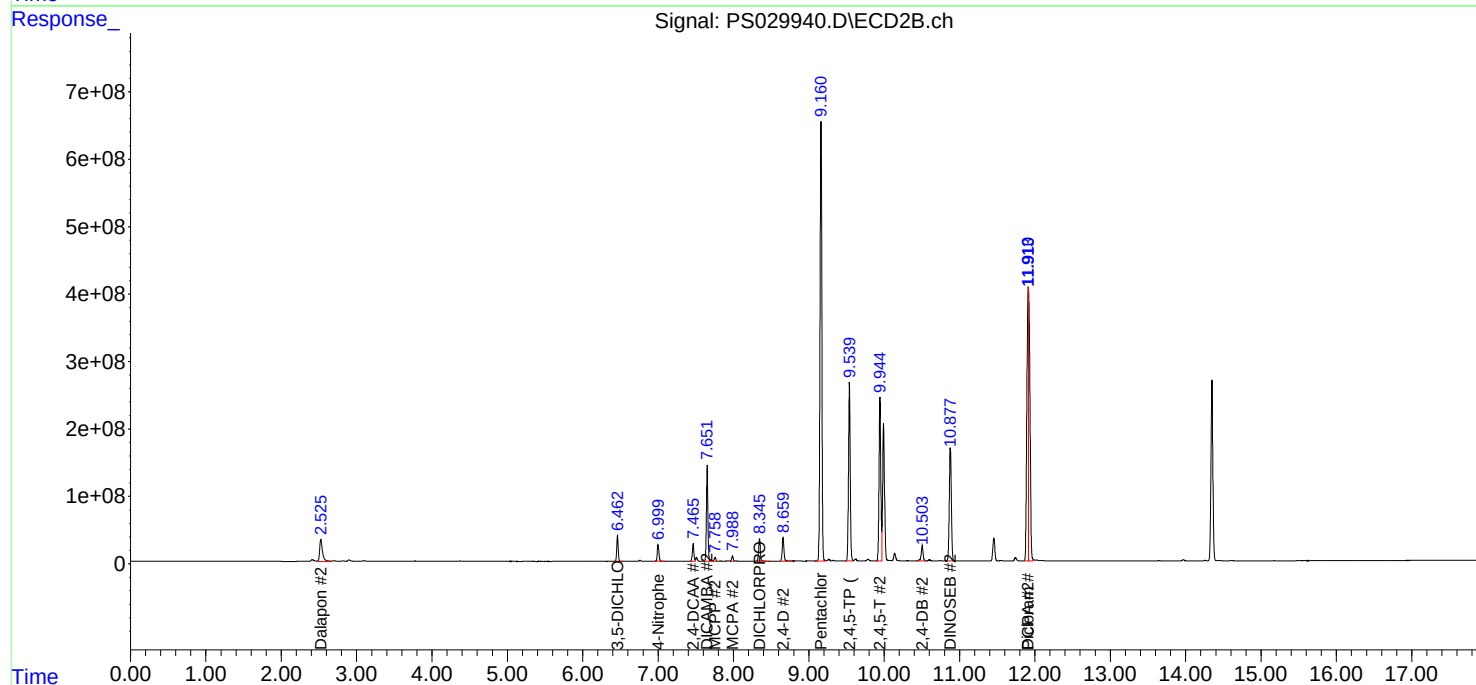
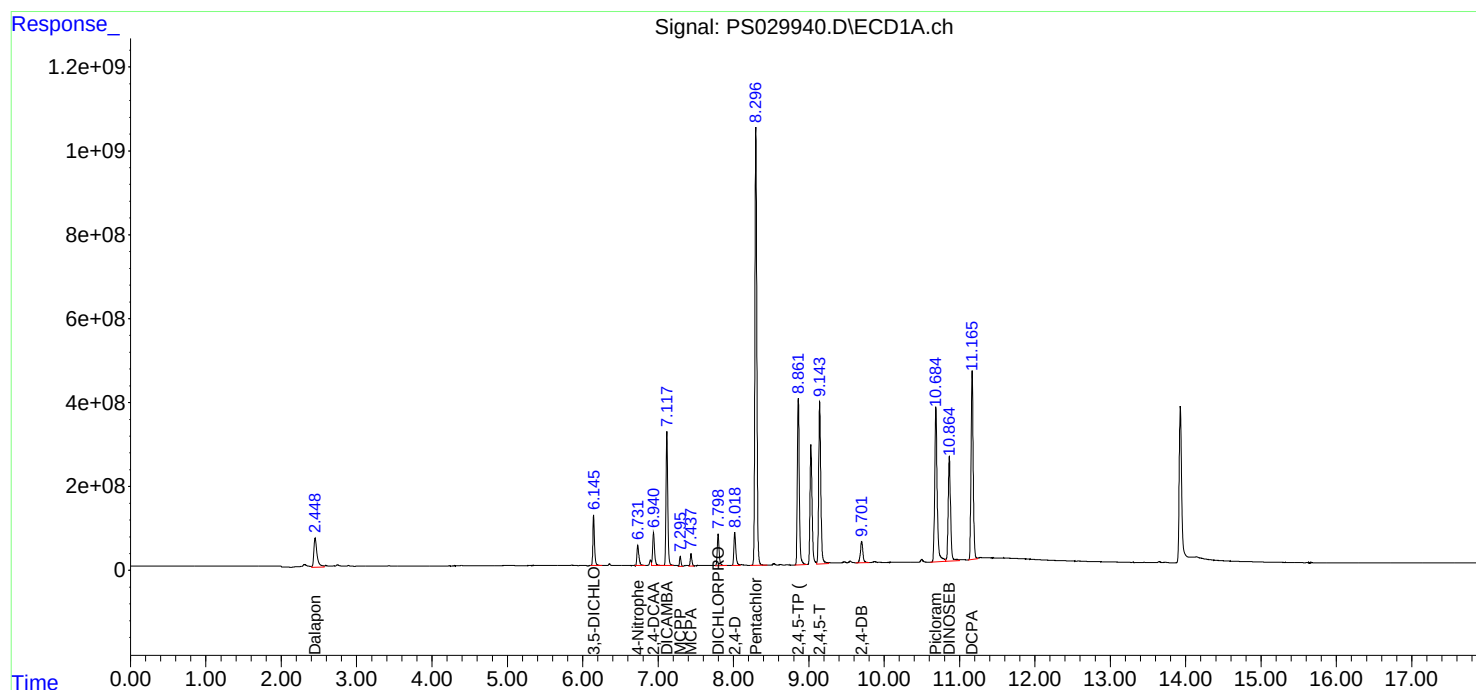
Instrument :
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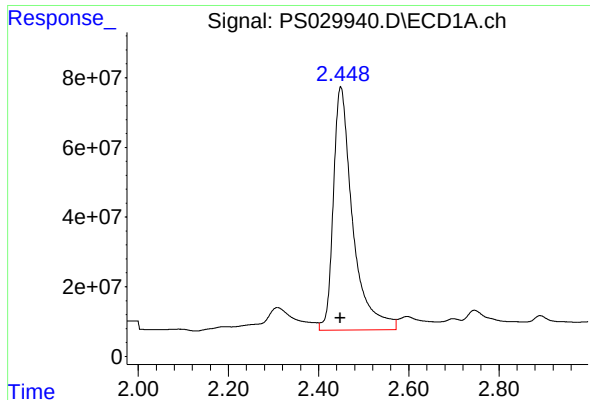
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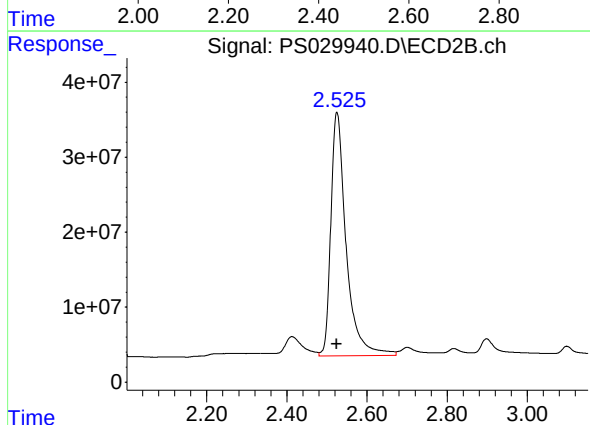
#1 Dalapon

R.T.: 2.449 min
Delta R.T.: 0.001 min
Response: 2087775375
Conc: 509.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167701BS

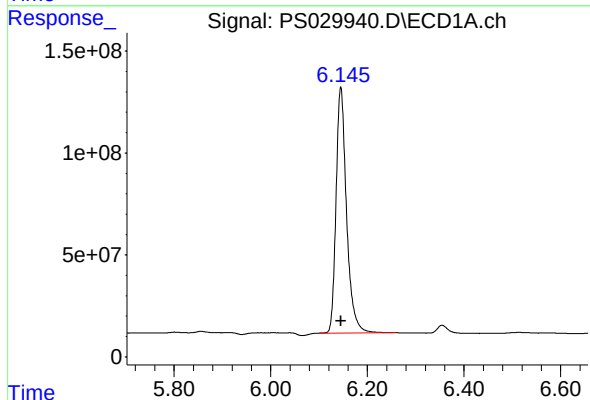
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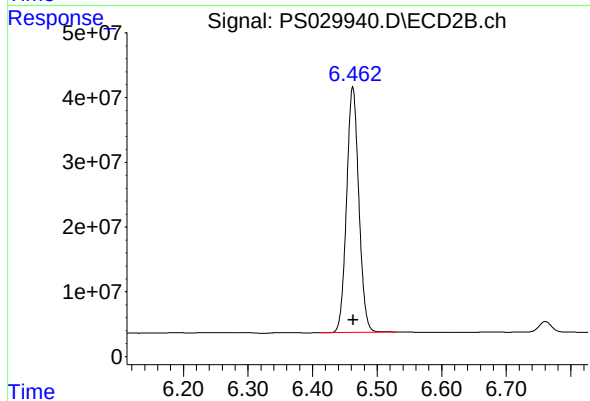
#1 Dalapon

R.T.: 2.525 min
Delta R.T.: 0.000 min
Response: 863669610
Conc: 497.46 ng/ml



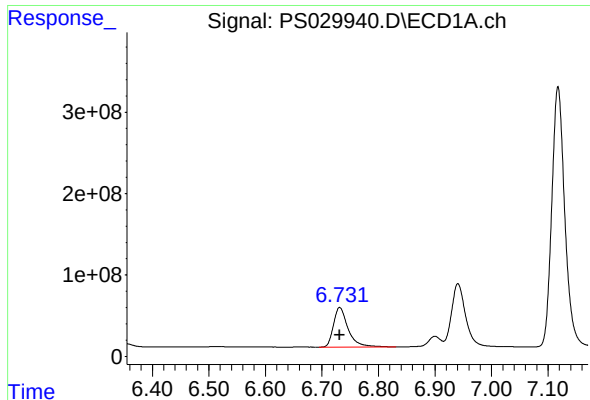
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 1815392393
Conc: 507.97 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.462 min
Delta R.T.: 0.000 min
Response: 499880521
Conc: 511.35 ng/ml



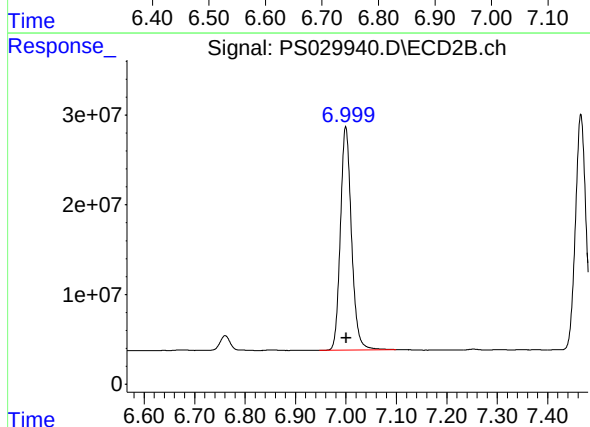
#3 4-Nitrophenol

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 878349780
Conc: 492.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167701BS

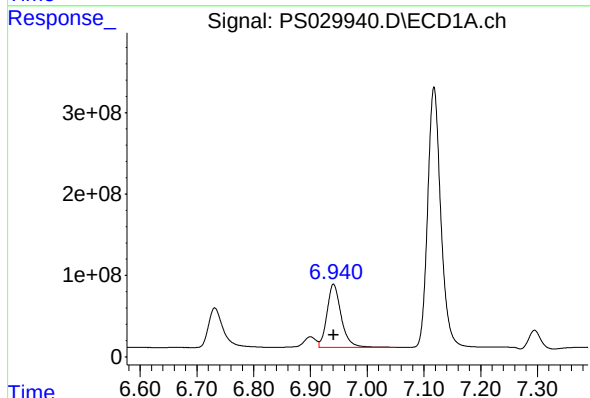
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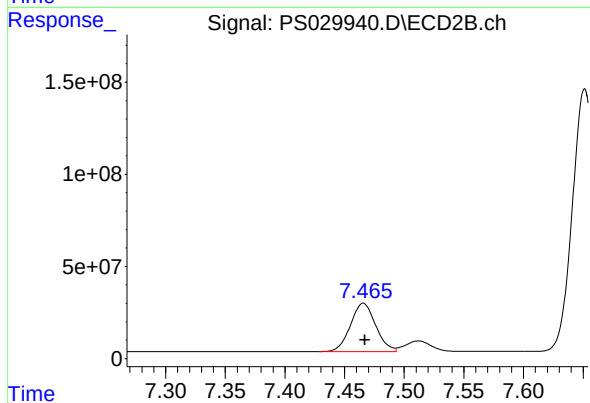
#3 4-Nitrophenol

R.T.: 7.000 min
Delta R.T.: 0.000 min
Response: 380897253
Conc: 497.31 ng/ml



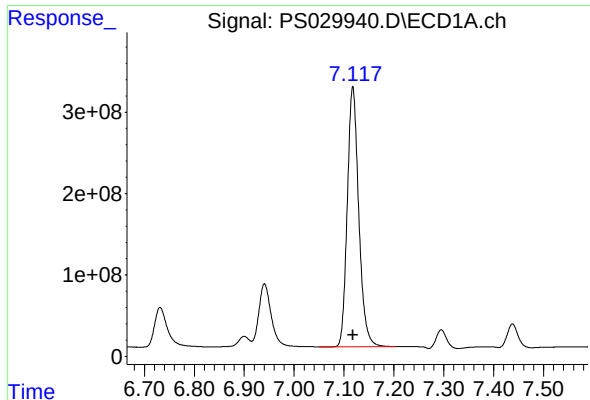
#4 2,4-DCAA

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 1348523416
Conc: 547.94 ng/ml



#4 2,4-DCAA

R.T.: 7.466 min
Delta R.T.: -0.001 min
Response: 388854723
Conc: 551.95 ng/ml



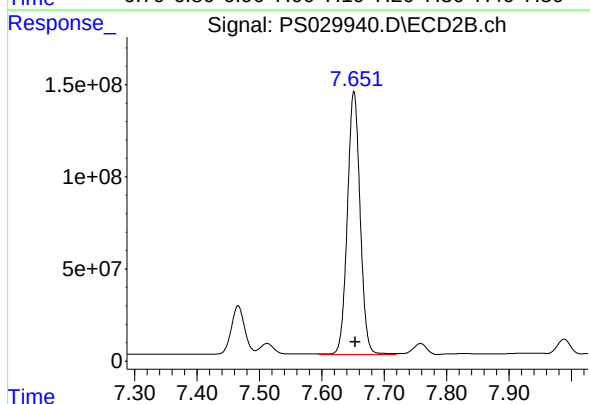
#5 DICAMBA

R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 5092836571
Conc: 514.28 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167701BS

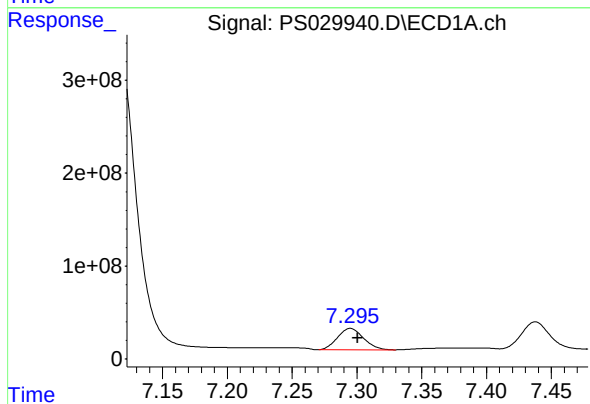
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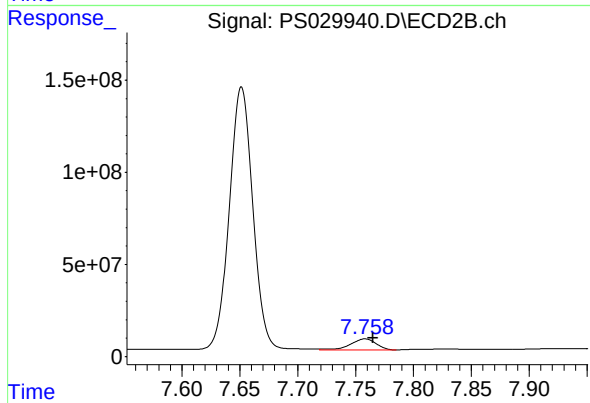
#5 DICAMBA

R.T.: 7.651 min
Delta R.T.: -0.002 min
Response: 2025850264
Conc: 512.87 ng/ml



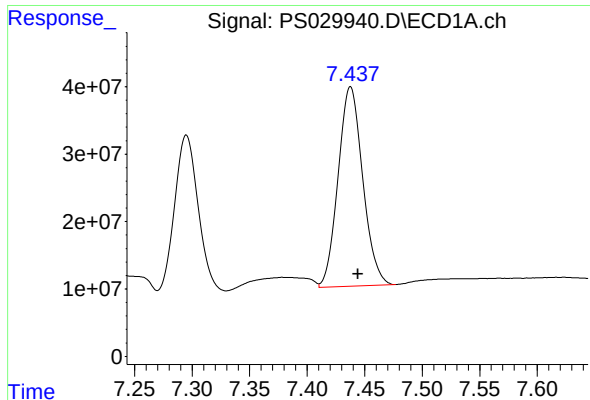
#6 MCPP

R.T.: 7.295 min
Delta R.T.: -0.005 min
Response: 322325850
Conc: 50.02 ug/ml



#6 MCPP

R.T.: 7.758 min
Delta R.T.: -0.007 min
Response: 92022620
Conc: 52.62 ug/ml



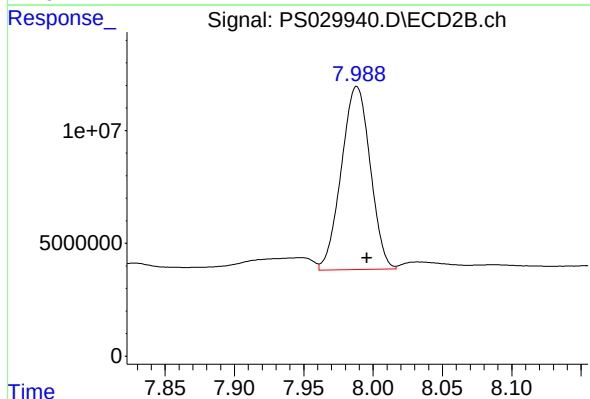
#7 MCPA

R.T.: 7.438 min
Delta R.T.: -0.007 min
Response: 439781384
Conc: 49.80 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167701BS

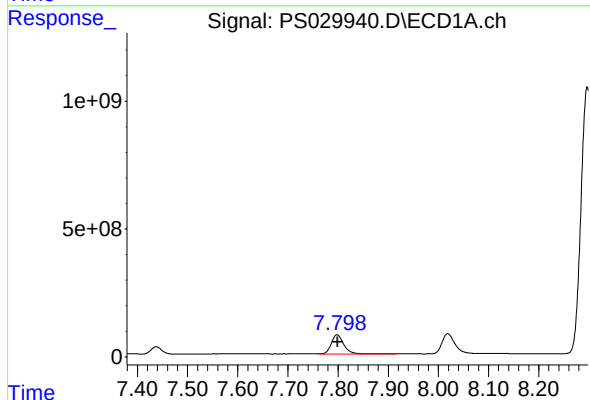
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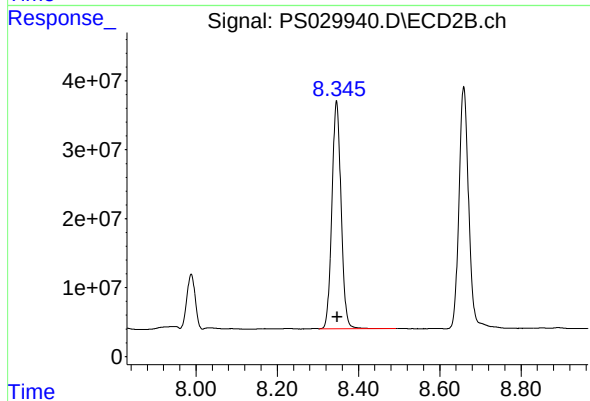
#7 MCPA

R.T.: 7.988 min
Delta R.T.: -0.008 min
Response: 117733222
Conc: 49.76 ug/ml



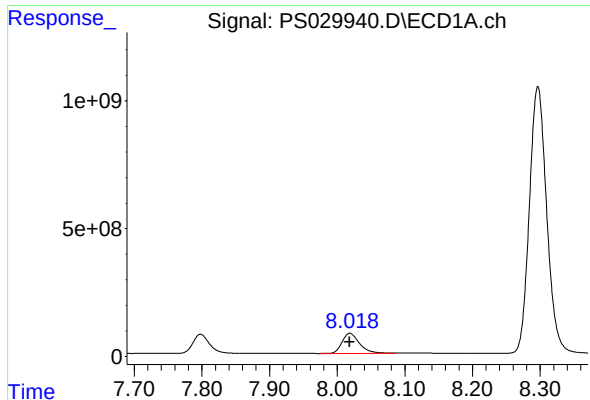
#8 DICHLORPROP

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 1287556887
Conc: 508.09 ng/ml



#8 DICHLORPROP

R.T.: 8.346 min
Delta R.T.: -0.002 min
Response: 518998509
Conc: 516.95 ng/ml



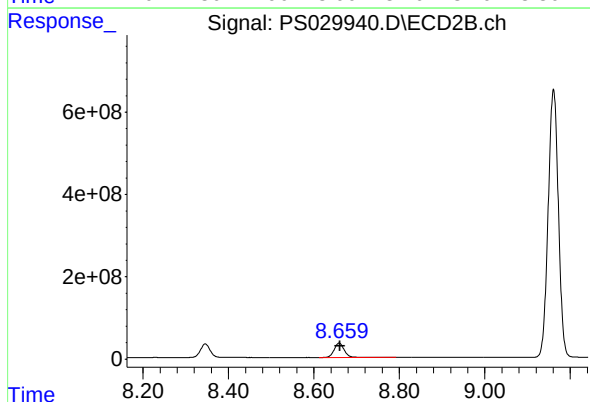
#9 2,4-D

R.T.: 8.019 min
Delta R.T.: 0.000 min
Response: 1437375714
Conc: 511.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167701BS

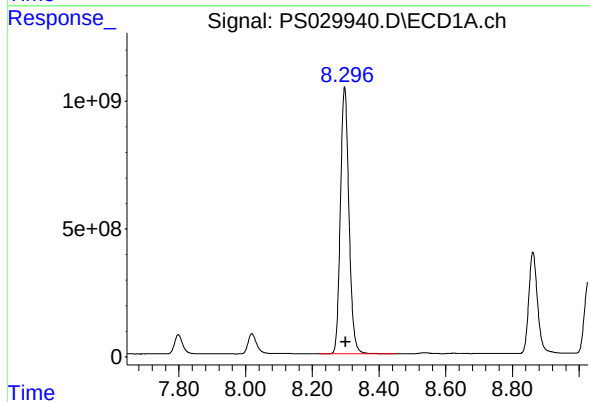
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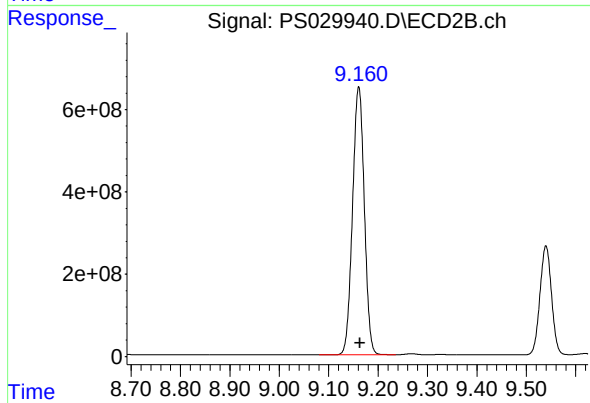
#9 2,4-D

R.T.: 8.659 min
Delta R.T.: -0.002 min
Response: 580719944
Conc: 515.23 ng/ml



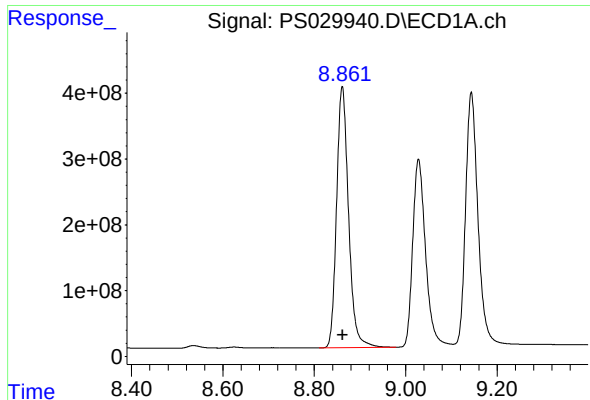
#10 Pentachlorophenol

R.T.: 8.297 min
Delta R.T.: -0.003 min
Response: 18587063755
Conc: 532.81 ng/ml



#10 Pentachlorophenol

R.T.: 9.161 min
Delta R.T.: -0.003 min
Response: 10806707957
Conc: 531.18 ng/ml



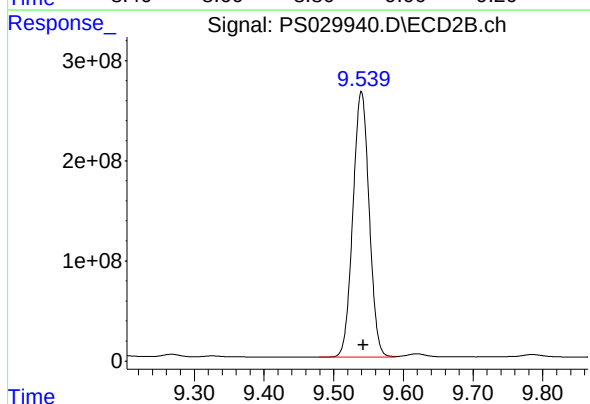
#11 2,4,5-TP (SILVEX)

R.T.: 8.861 min
Delta R.T.: 0.000 min
Response: 7206833899
Conc: 519.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167701BS

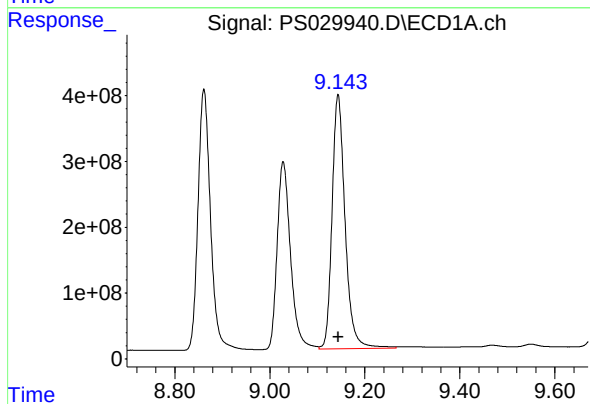
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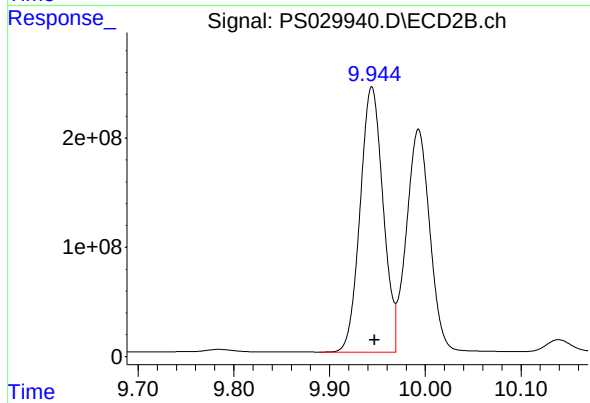
#11 2,4,5-TP (SILVEX)

R.T.: 9.540 min
Delta R.T.: -0.003 min
Response: 4292493325
Conc: 524.64 ng/ml



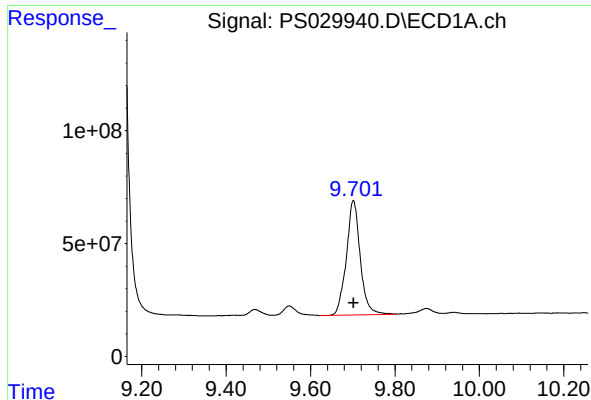
#12 2,4,5-T

R.T.: 9.144 min
Delta R.T.: 0.000 min
Response: 7345253674
Conc: 522.68 ng/ml



#12 2,4,5-T

R.T.: 9.944 min
Delta R.T.: -0.003 min
Response: 4049578134
Conc: 521.68 ng/ml



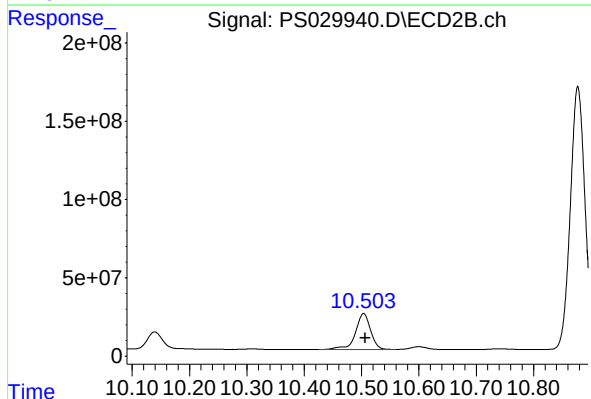
#13 2,4-DB

R.T.: 9.701 min
Delta R.T.: 0.000 min
Response: 1158841841
Conc: 507.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167701BS

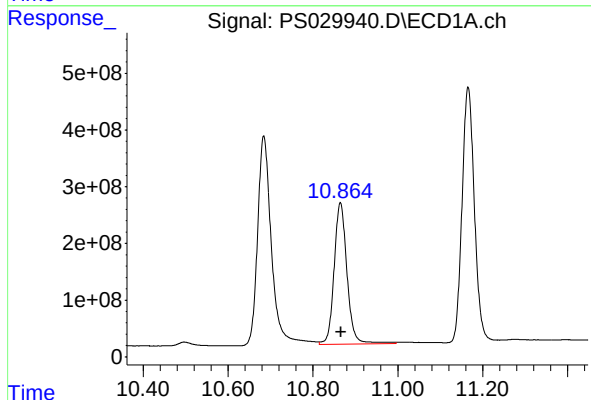
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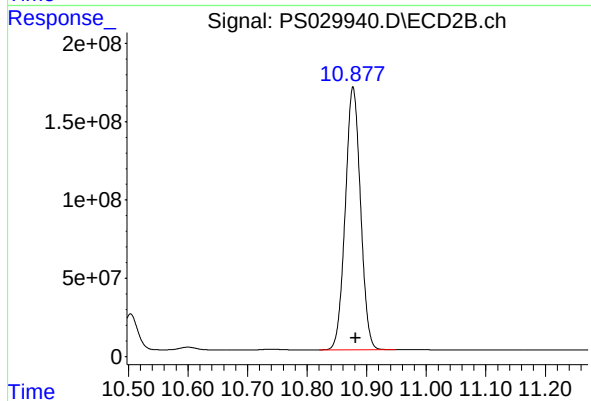
#13 2,4-DB

R.T.: 10.504 min
Delta R.T.: -0.003 min
Response: 423953943
Conc: 526.75 ng/ml



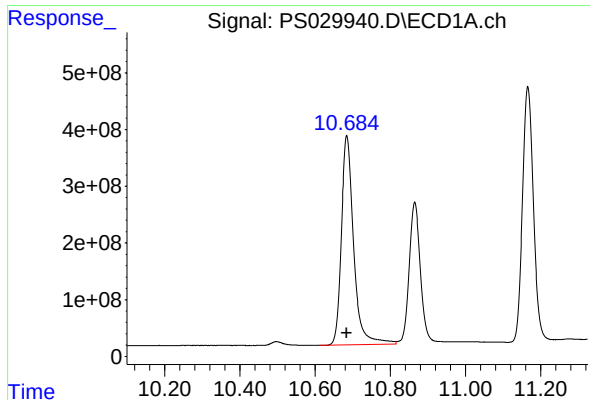
#14 DINOSEB

R.T.: 10.865 min
Delta R.T.: -0.001 min
Response: 5286354261
Conc: 519.62 ng/ml



#14 DINOSEB

R.T.: 10.877 min
Delta R.T.: -0.004 min
Response: 2979785105
Conc: 511.03 ng/ml



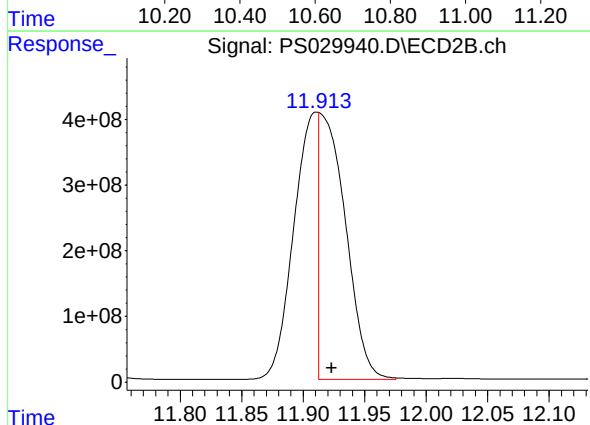
#15 Picloram

R.T.: 10.684 min
Delta R.T.: 0.000 min
Response: 8387806462
Conc: 457.58 ng/ml

Instrument :
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ClientSampleId :
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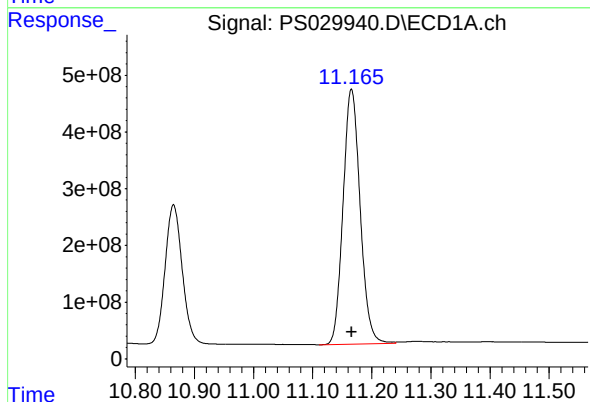
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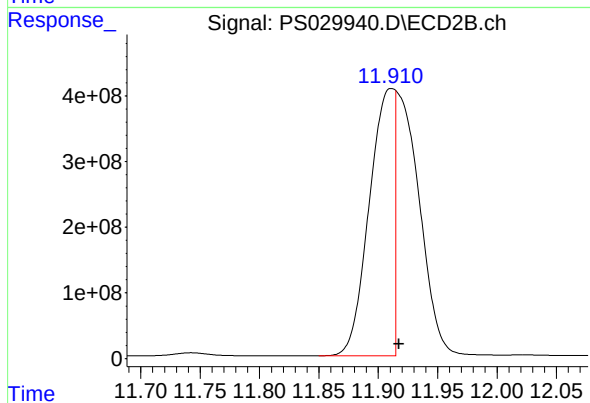
#15 Picloram

R.T.: 11.913 min
Delta R.T.: -0.010 min
Response: 6010685378
Conc: 489.32 ng/ml m



#16 DCPA

R.T.: 11.166 min
Delta R.T.: 0.000 min
Response: 9022036445
Conc: 530.05 ng/ml



#16 DCPA

R.T.: 11.910 min
Delta R.T.: -0.007 min
Response: 5962355080
Conc: 528.97 ng/ml m