

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
 Data File : PS030452.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2025 16:34
 Operator : AR\AJ
 Sample : Q2130-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-3MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/03/2025
 Supervised By :mohammad ahmed 06/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 03:21:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 02 12:26:05 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	6.733	7.301	985.2E6	304.9E6	243.107	239.603m
Target Compounds							
1) T	Dalapon	2.300	2.408	402.4E6	1248.0E6	60.486m	359.249m#
2) T	3,5-DICHL...	5.967	6.320	1447.1E6	419.1E6	240.671	235.602m
3) T	4-Nitroph...	6.527	6.840	476.0E6	356.5E6	204.510	222.249
5) T	DICAMBA	6.904	7.482	3800.1E6	1734.5E6	219.840	219.283
6) T	MCP	7.080	7.590	201.8E6	47747326	18.264	15.818
7) T	MCPA	7.218	7.814	264.9E6	83674422	18.709	20.651m
8) T	DICHLORPROP	7.571	8.169	987.3E6	580.1E6	238.918	307.688 #
9) T	2,4-D	7.786	8.475	1158.2E6	518.5E6	264.841	253.119m
10) T	Pentachlo...	8.050	8.962	15169.2E6	9425.6E6	259.280	235.670
11) T	2,4,5-TP ...	8.609	9.345	5781.0E6	3853.4E6	234.839	235.447
12) T	2,4,5-T	8.886	9.744	5249.6E6	3394.6E6	234.888	229.910
13) T	2,4-DB	9.435	10.296	548.9E6	260.8E6	156.656m	189.720m
14) T	DINOSEB	10.573	10.663	888.4E6	531.2E6	47.644	46.855m
15) T	Picloram	10.396	11.681	5039.2E6	4949.0E6	183.297	197.844m
16) T	DCPA	10.874	11.680	7816.2E6	4134.4E6	254.709	188.477m#

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

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Acq On : 02 Jun 2025 16:34
Operator : AR\AJ
Sample : Q2130-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

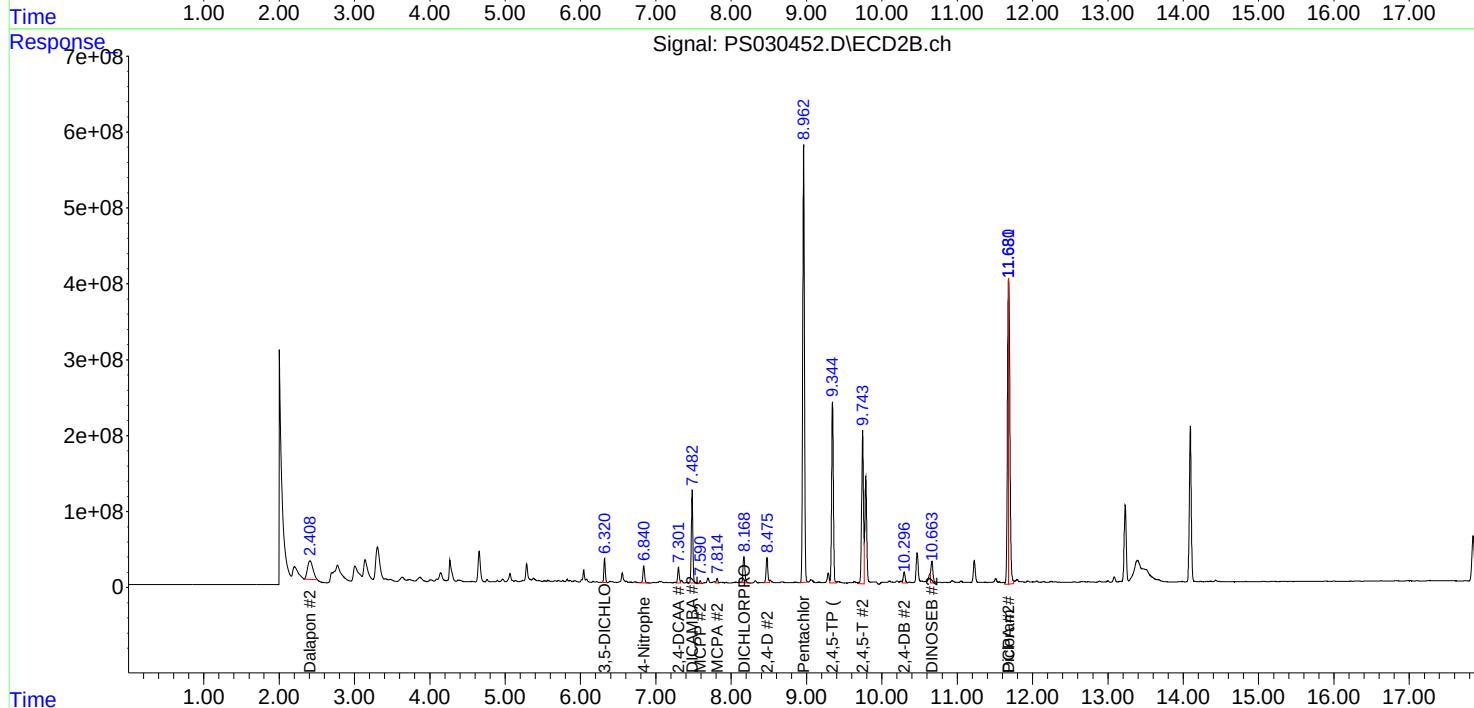
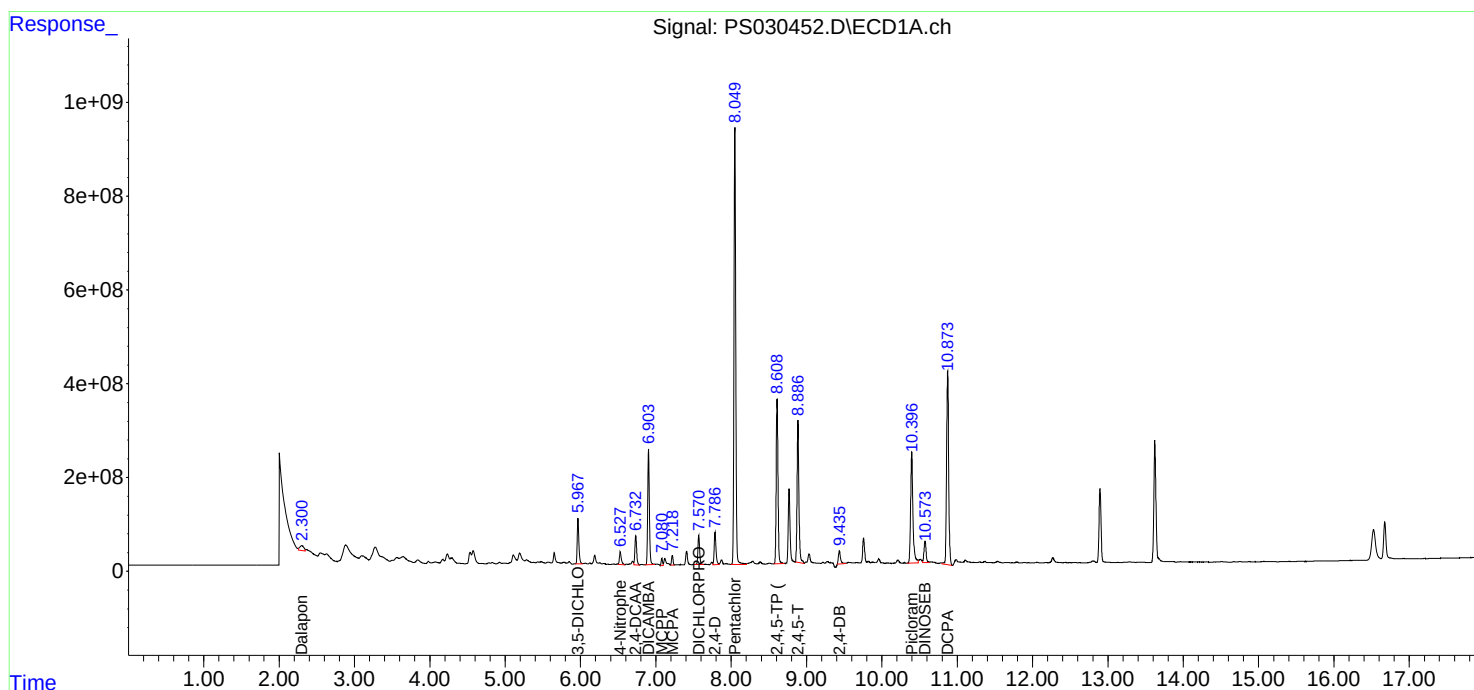
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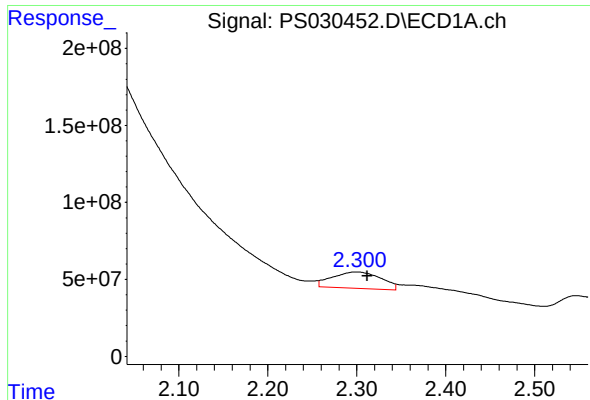
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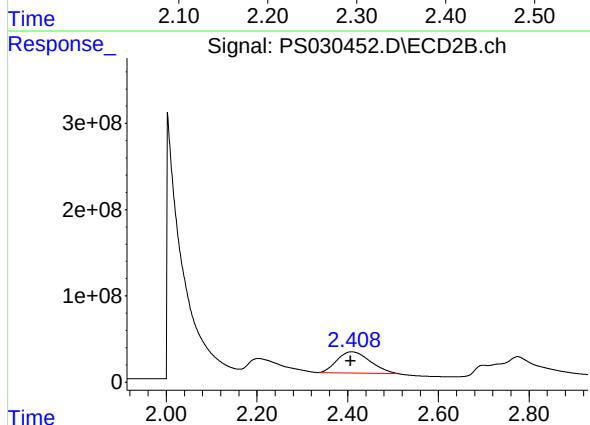
#1 Dalapon

R.T.: 2.300 min
Delta R.T.: -0.012 min
Response: 402351201
Conc: 60.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-3MS

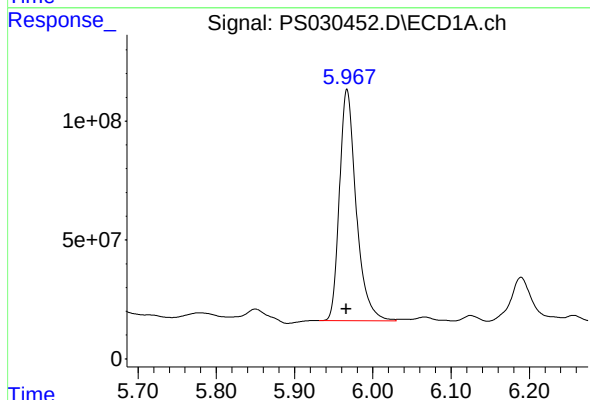
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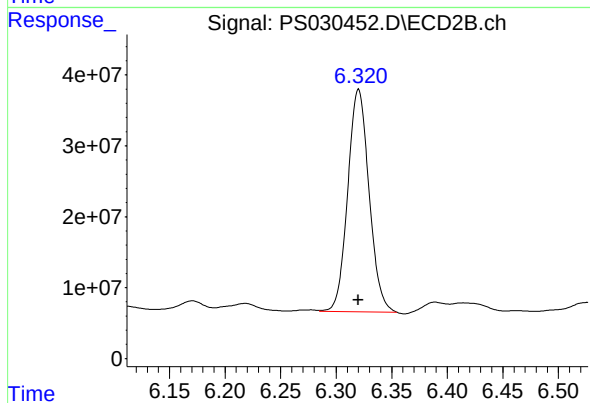
#1 Dalapon

R.T.: 2.408 min
Delta R.T.: 0.002 min
Response: 1248044809
Conc: 359.25 ng/ml m



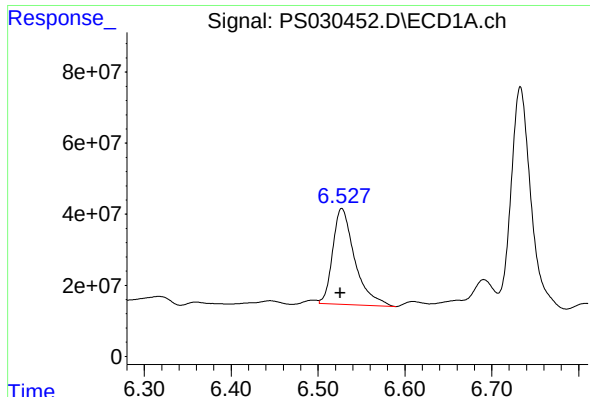
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 1447140697
Conc: 240.67 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 419134909
Conc: 235.60 ng/ml m



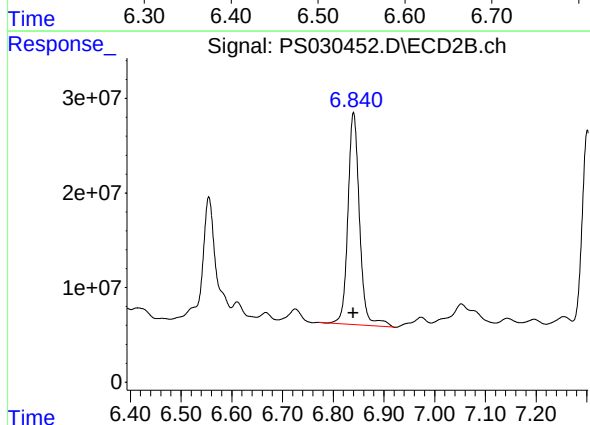
#3 4-Nitrophenol

R.T.: 6.527 min
Delta R.T.: 0.002 min
Response: 476024775
Conc: 204.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-3MS

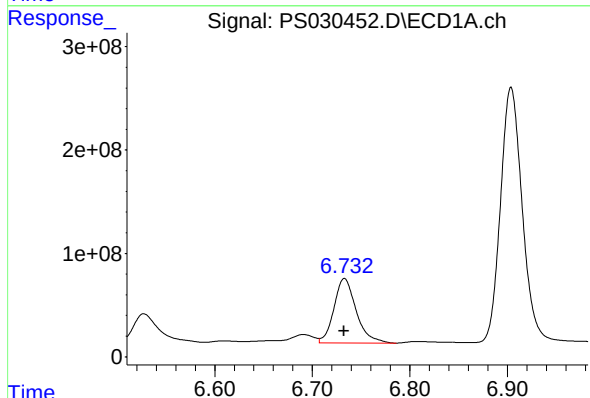
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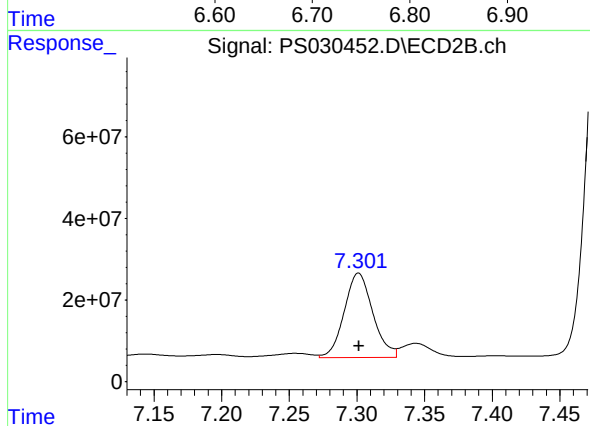
#3 4-Nitrophenol

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 356490747
Conc: 222.25 ng/ml



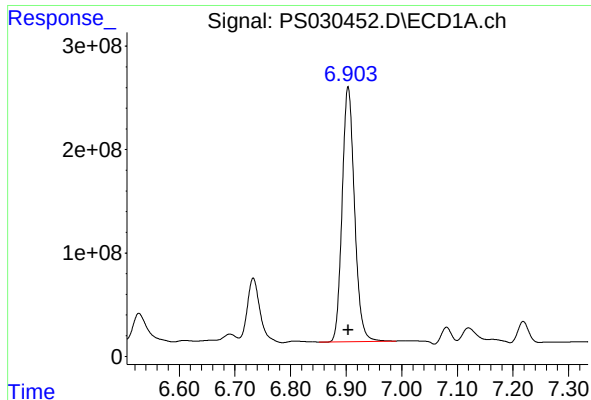
#4 2,4-DCAA

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 985170452
Conc: 243.11 ng/ml



#4 2,4-DCAA

R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 304885868
Conc: 239.60 ng/ml m



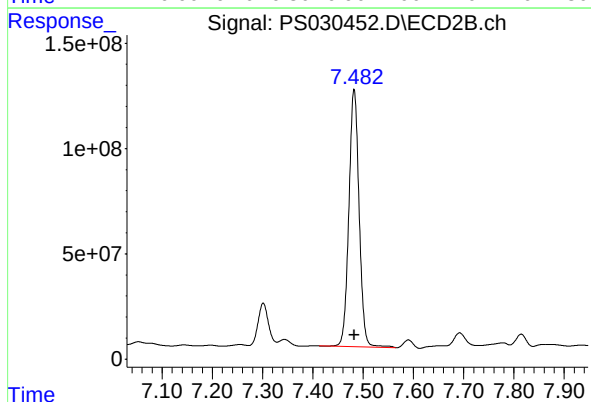
#5 DICAMBA

R.T.: 6.904 min
Delta R.T.: 0.000 min
Response: 3800126566
Conc: 219.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-3MS

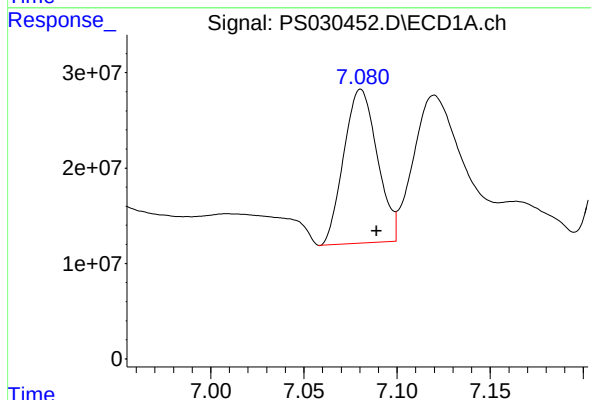
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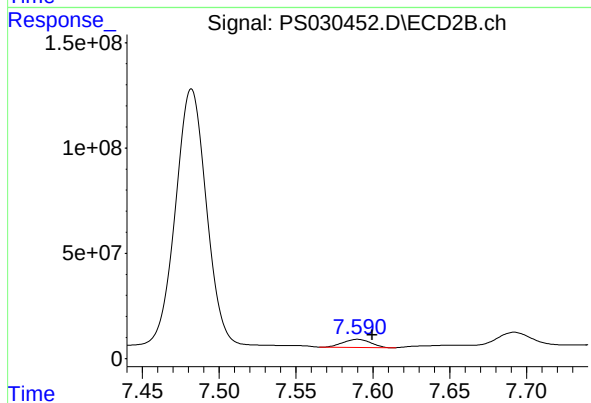
#5 DICAMBA

R.T.: 7.482 min
Delta R.T.: 0.000 min
Response: 1734525170
Conc: 219.28 ng/ml



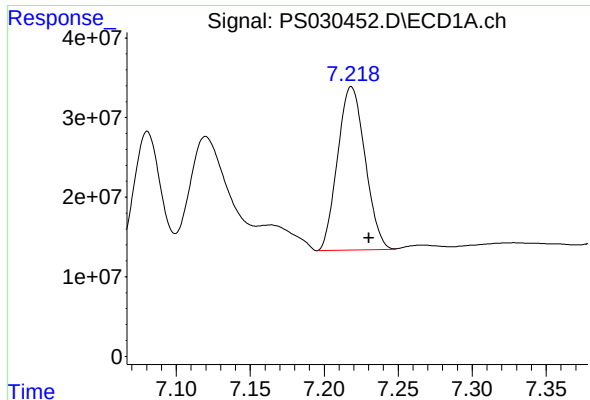
#6 MCPP

R.T.: 7.080 min
Delta R.T.: -0.009 min
Response: 201845296
Conc: 18.26 ug/ml



#6 MCPP

R.T.: 7.590 min
Delta R.T.: -0.010 min
Response: 47747326
Conc: 15.82 ug/ml



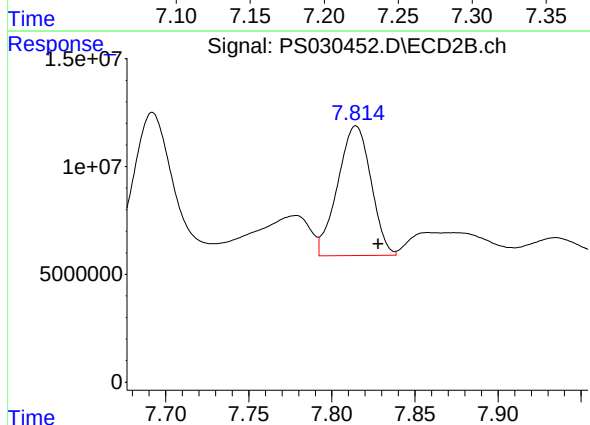
#7 MCPA

R.T.: 7.218 min
Delta R.T.: -0.012 min
Response: 264905288
Conc: 18.71 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-3MS

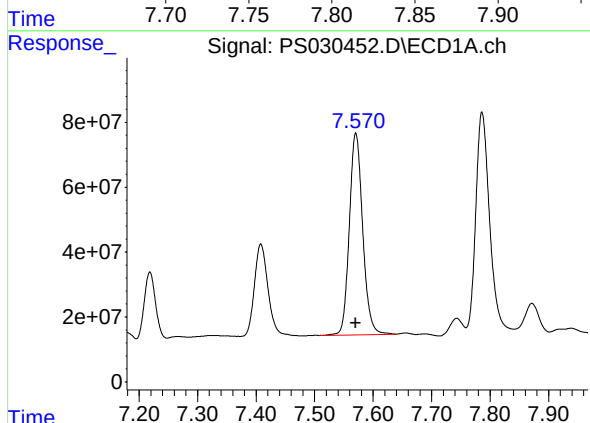
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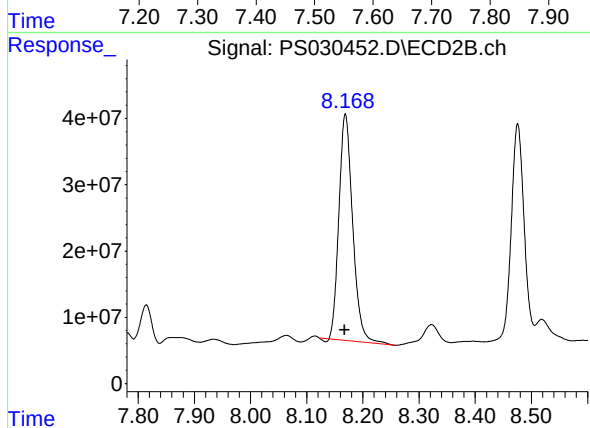
#7 MCPA

R.T.: 7.814 min
Delta R.T.: -0.014 min
Response: 83674422
Conc: 20.65 ug/ml



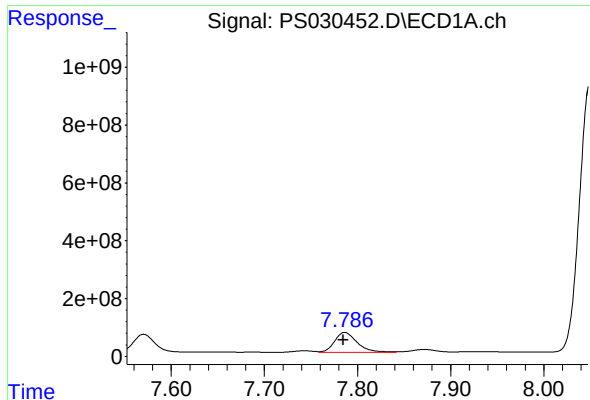
#8 DICHLORPROP

R.T.: 7.571 min
Delta R.T.: 0.000 min
Response: 987251437
Conc: 238.92 ng/ml



#8 DICHLORPROP

R.T.: 8.169 min
Delta R.T.: 0.001 min
Response: 580130884
Conc: 307.69 ng/ml



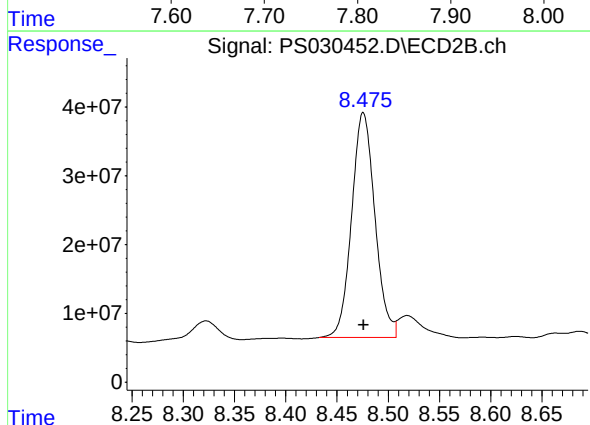
#9 2,4-D

R.T.: 7.786 min
Delta R.T.: 0.001 min
Response: 1158236117
Conc: 264.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-3MS

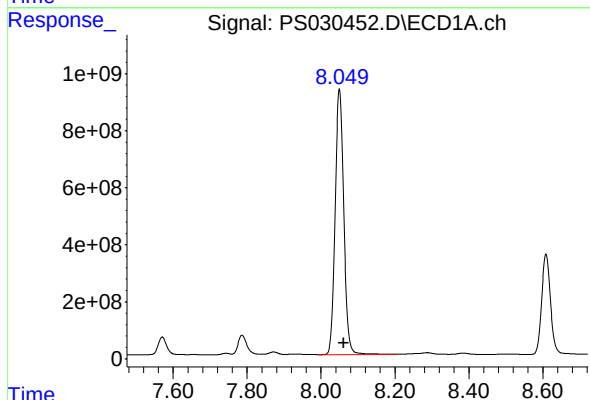
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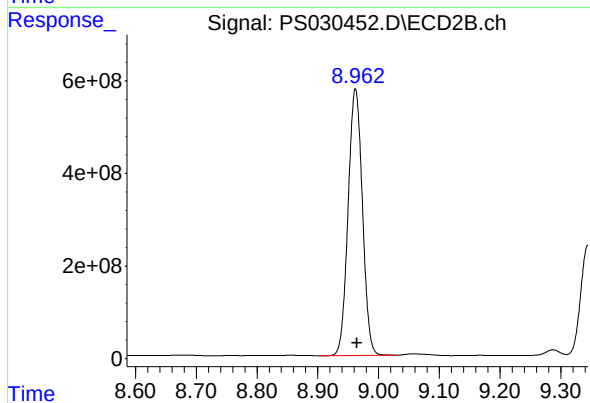
#9 2,4-D

R.T.: 8.475 min
Delta R.T.: 0.000 min
Response: 518491416
Conc: 253.12 ng/ml



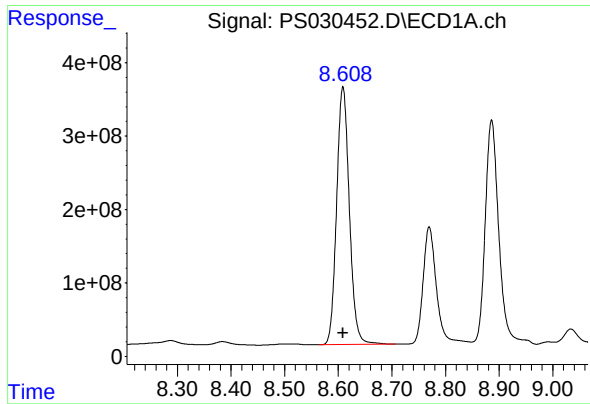
#10 Pentachlorophenol

R.T.: 8.050 min
Delta R.T.: -0.011 min
Response: 15169163143
Conc: 259.28 ng/ml



#10 Pentachlorophenol

R.T.: 8.962 min
Delta R.T.: -0.002 min
Response: 9425642471
Conc: 235.67 ng/ml



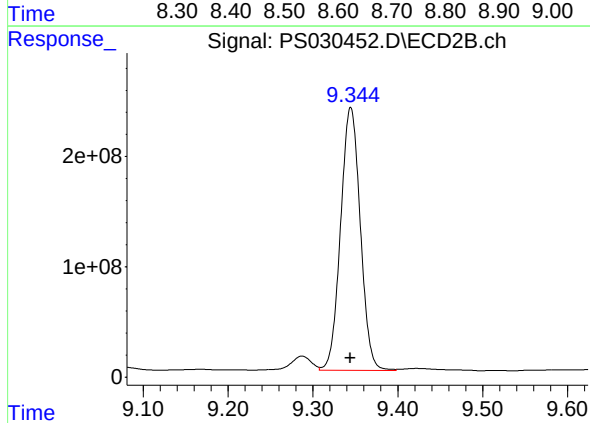
#11 2,4,5-TP (SILVEX)

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 5781030552
Conc: 234.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-3MS

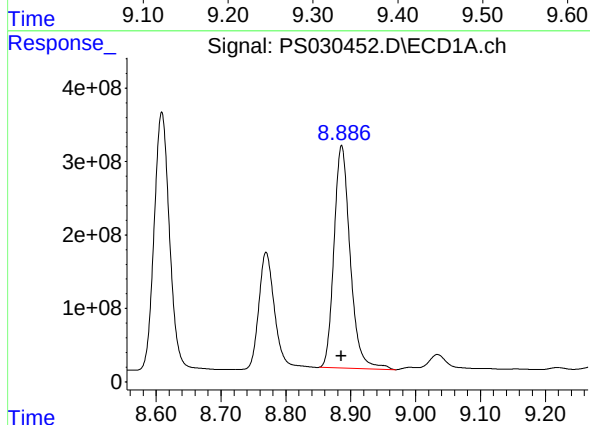
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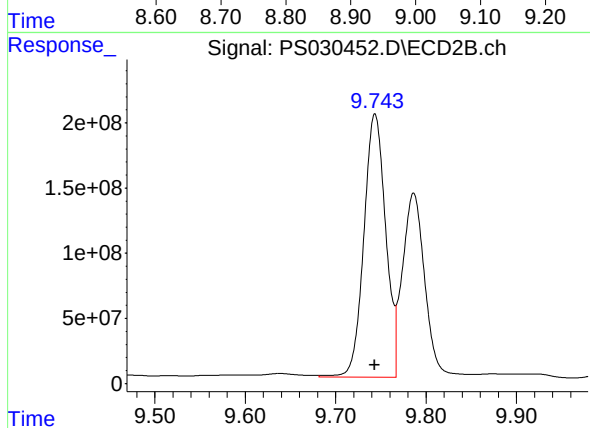
#11 2,4,5-TP (SILVEX)

R.T.: 9.345 min
Delta R.T.: 0.000 min
Response: 3853407732
Conc: 235.45 ng/ml



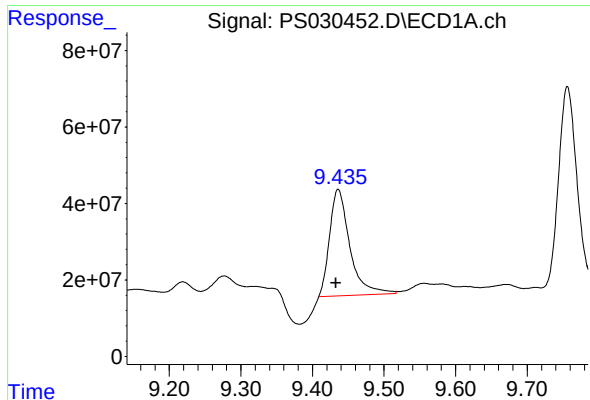
#12 2,4,5-T

R.T.: 8.886 min
Delta R.T.: 0.000 min
Response: 5249612795
Conc: 234.89 ng/ml



#12 2,4,5-T

R.T.: 9.744 min
Delta R.T.: 0.000 min
Response: 3394608025
Conc: 229.91 ng/ml



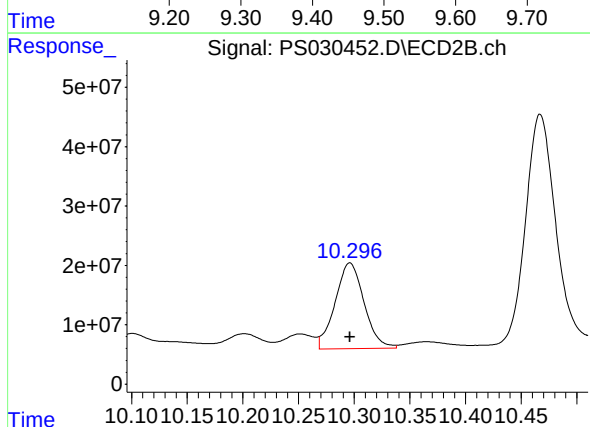
#13 2,4-DB

R.T.: 9.435 min
Delta R.T.: 0.002 min
Response: 548907329
Conc: 156.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-3MS

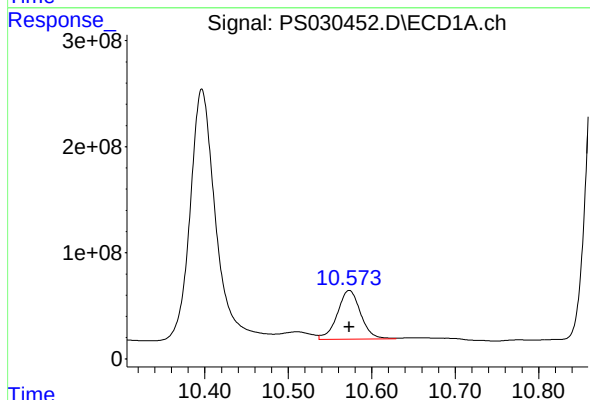
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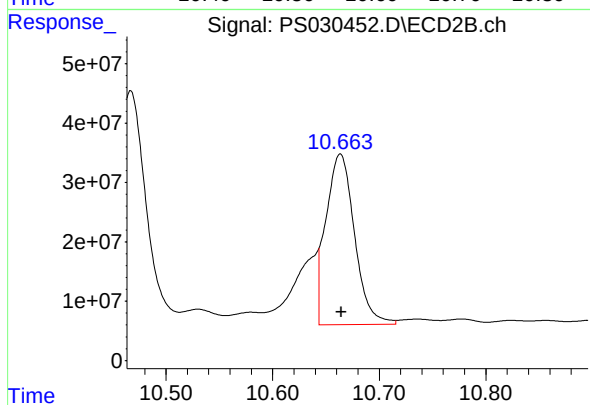
#13 2,4-DB

R.T.: 10.296 min
Delta R.T.: 0.000 min
Response: 260752042
Conc: 189.72 ng/ml m



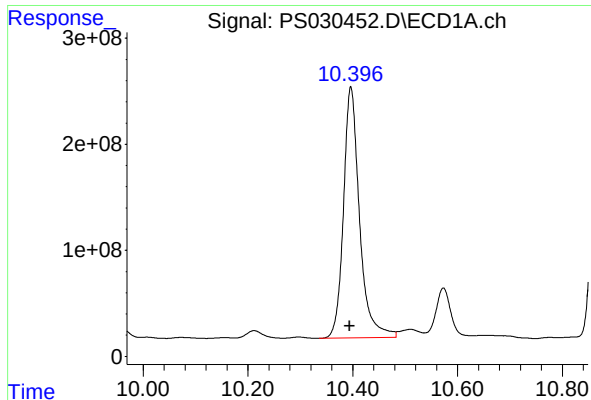
#14 DINOSEB

R.T.: 10.573 min
Delta R.T.: 0.000 min
Response: 888402967
Conc: 47.64 ng/ml



#14 DINOSEB

R.T.: 10.663 min
Delta R.T.: 0.000 min
Response: 531193262
Conc: 46.85 ng/ml m



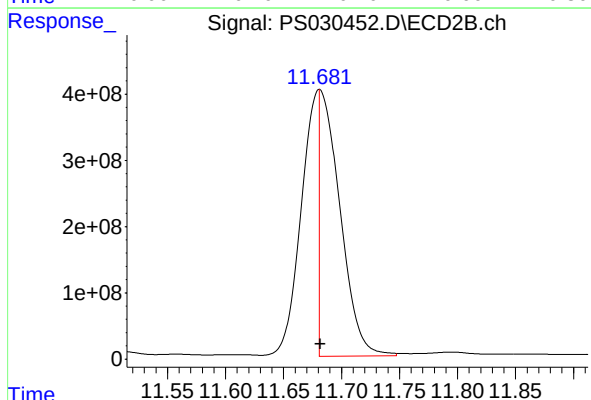
#15 Picloram

R.T.: 10.396 min
Delta R.T.: 0.002 min
Response: 5039209586
Conc: 183.30 ng/ml

Instrument :
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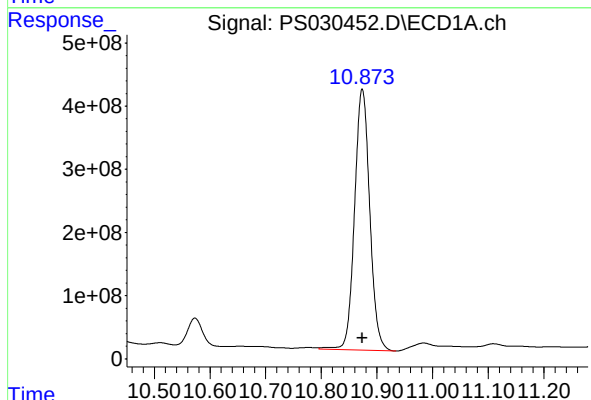
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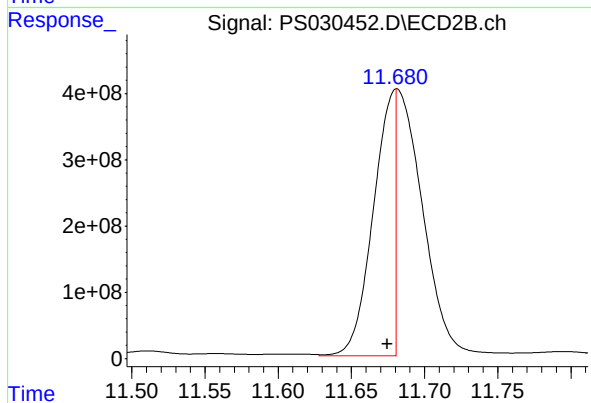
#15 Picloram

R.T.: 11.681 min
Delta R.T.: 0.000 min
Response: 4948951527
Conc: 197.84 ng/ml m



#16 DCPA

R.T.: 10.874 min
Delta R.T.: 0.000 min
Response: 7816244375
Conc: 254.71 ng/ml



#16 DCPA

R.T.: 11.680 min
Delta R.T.: 0.005 min
Response: 4134426636
Conc: 188.48 ng/ml m