

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
 Data File : PS030204.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2025 23:30
 Operator : AR\AJ
 Sample : Q2001-03MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-A4-03-CMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/15/2025
 Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 06:41:37 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 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	6.933	7.453	1098.1E6	312.3E6	385.589	390.274
Target Compounds							
1) T	Dalapon	2.444	2.518	1626.0E6	1413.8E6	330.807	696.084 #
2) T	3,5-DICHL...	6.138	6.452	1439.5E6	465.9E6	345.154	399.648
3) T	4-Nitroph...	6.738	6.988	43457340	5238009	21.038m	5.017m#
5) T	DICAMBA	7.110	7.638	3892.2E6	1657.6E6	336.770	350.600
6) T	MCPD	7.287	7.744	283.6E6	59767726	38.940	32.487
7) T	MCPA	7.429	7.972	325.6E6	127.5E6	31.368	48.327 #
8) T	DICHLORPROP	7.789	8.331	1158.8E6	493.9E6	396.677	418.059
9) T	2,4-D	8.009	8.643	1434.6E6	551.1E6	437.529	427.069
10) T	Pentachlo...	8.287	9.143	15849.9E6	9476.7E6	391.348	383.906
11) T	2,4,5-TP ...	8.850	9.521	6568.8E6	3997.5E6	405.584	405.821
12) T	2,4,5-T	9.132	9.925	6404.3E6	3577.4E6	387.784	388.700
13) T	2,4-DB	9.691	10.482	944.6E6	409.5E6	361.944	412.599
14) T	DINOSEB	10.850	10.857	3818.7E6	2222.7E6	333.905	325.331
15) T	Picloram	10.671	11.886	7050.7E6	5583.7E6	329.673	396.760m
16) T	DCPA	11.151	11.886	7490.0E6	4017.2E6	376.163	297.341m

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

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ALS Vial : 33 Sample Multiplier: 1

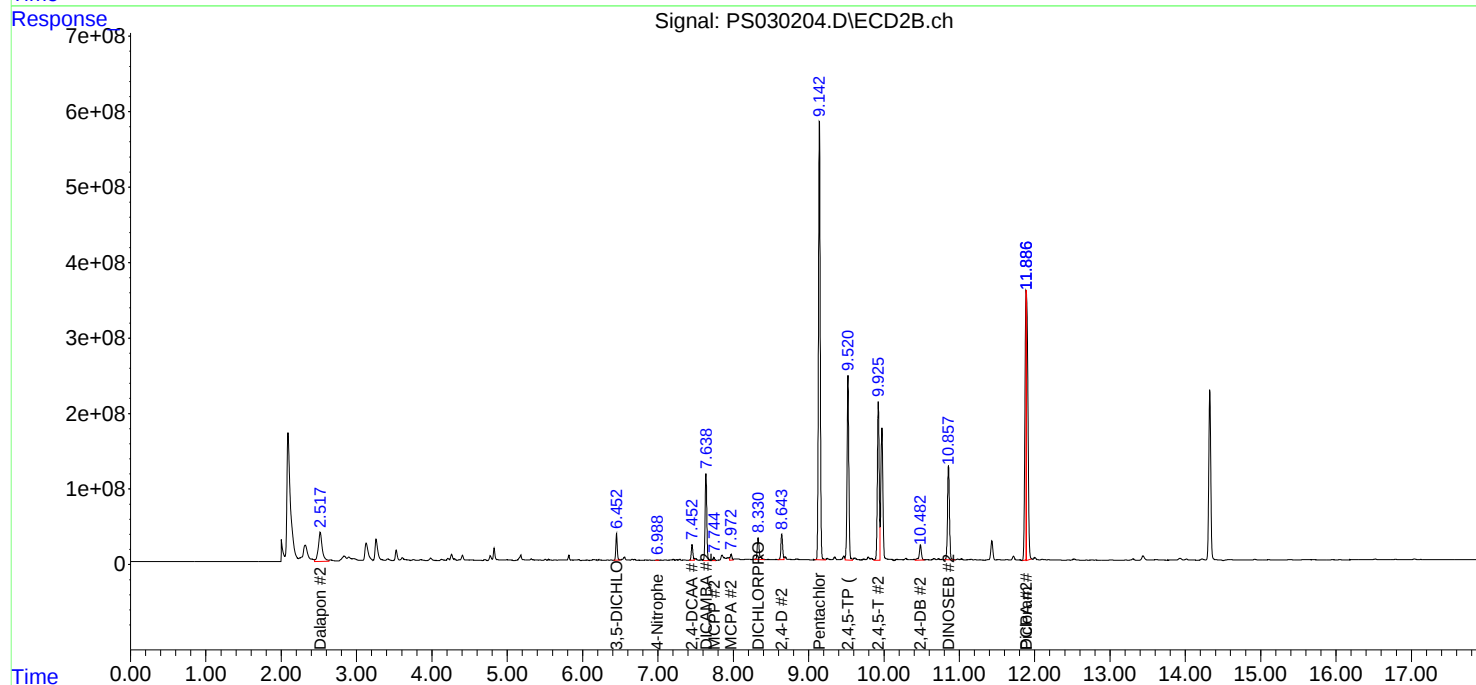
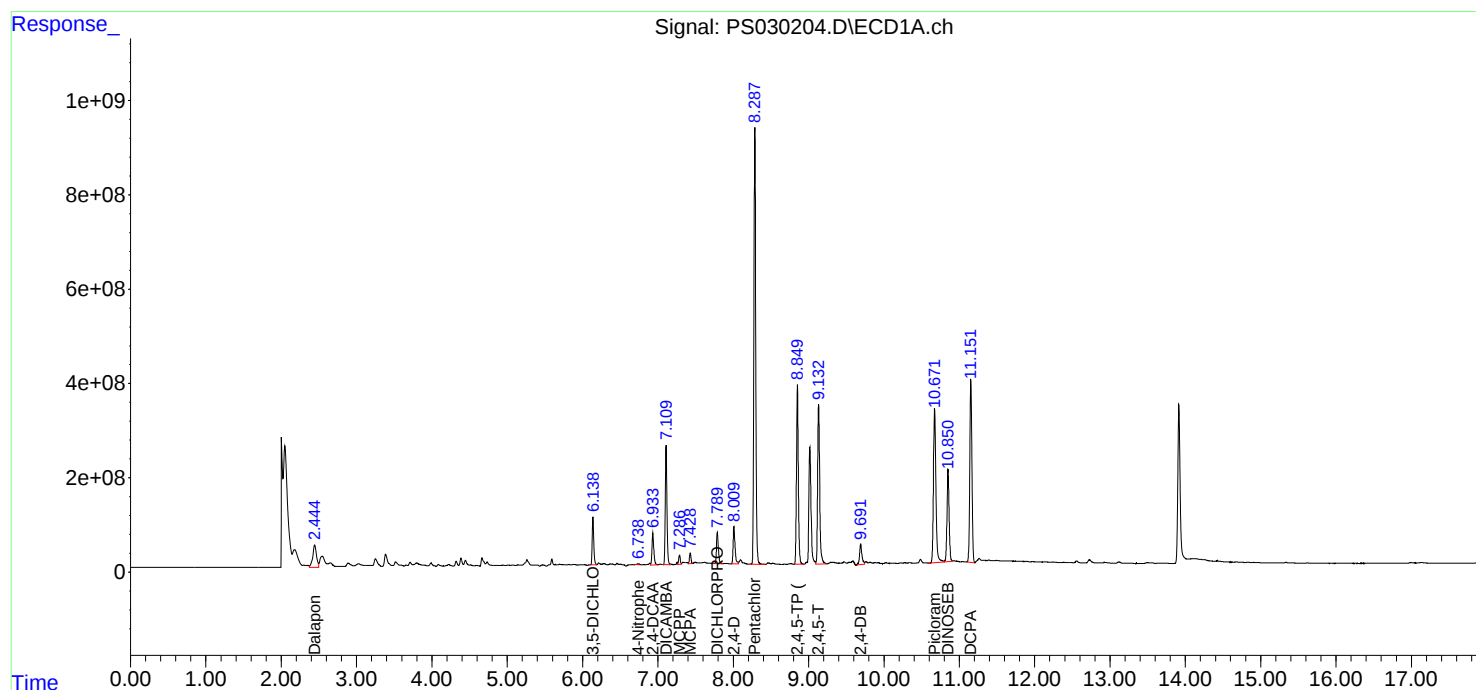
Instrument :
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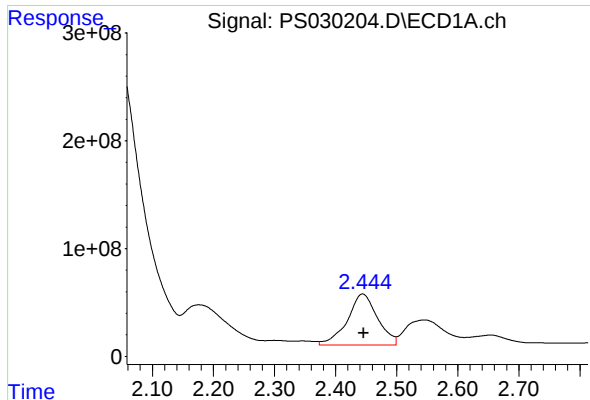
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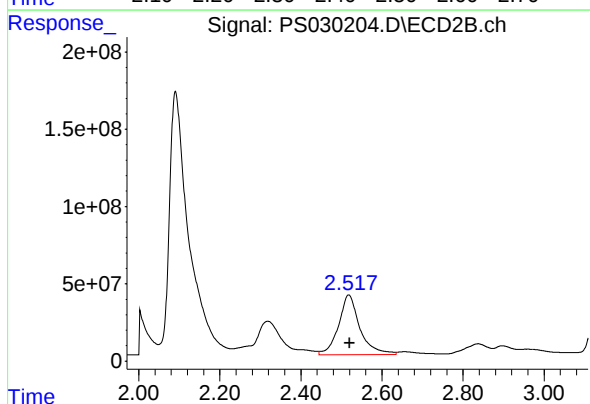
#1 Dalapon

R.T.: 2.444 min
Delta R.T.: -0.002 min
Response: 1626035264
Conc: 330.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-A4-03-CMSD

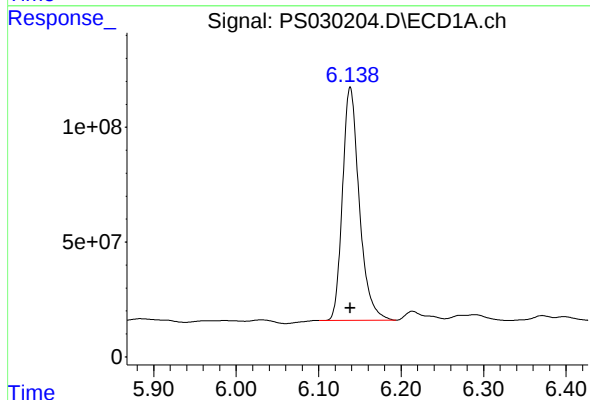
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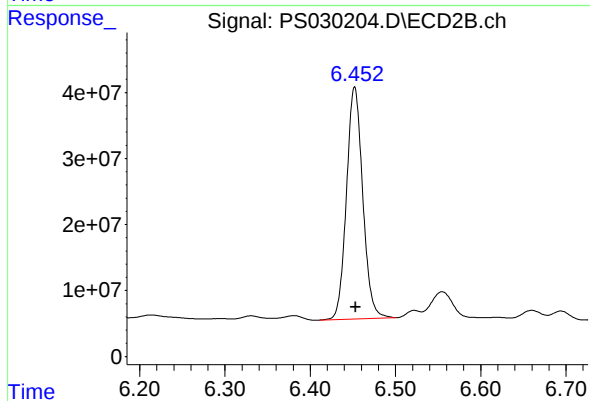
#1 Dalapon

R.T.: 2.518 min
Delta R.T.: -0.003 min
Response: 1413781467
Conc: 696.08 ng/ml



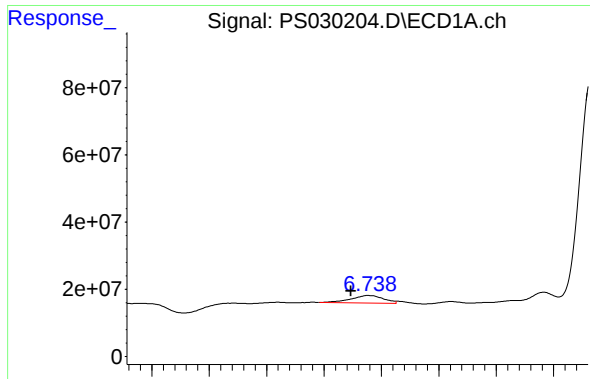
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 1439484292
Conc: 345.15 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: -0.001 min
Response: 465922117
Conc: 399.65 ng/ml



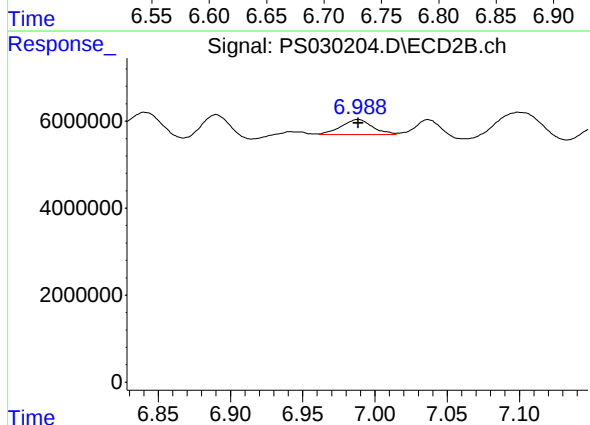
#3 4-Nitrophenol

R.T.: 6.738 min
Delta R.T.: 0.014 min
Response: 43457340
Conc: 21.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
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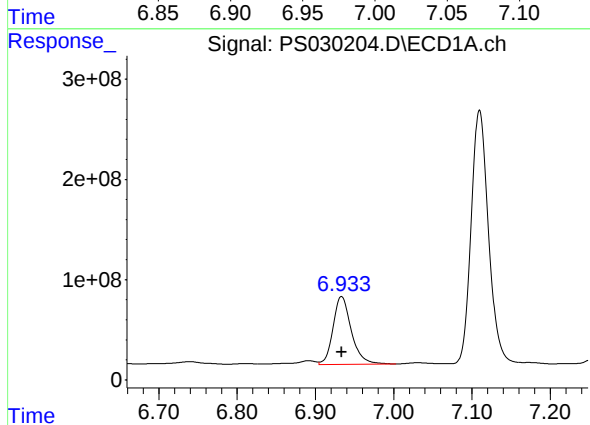
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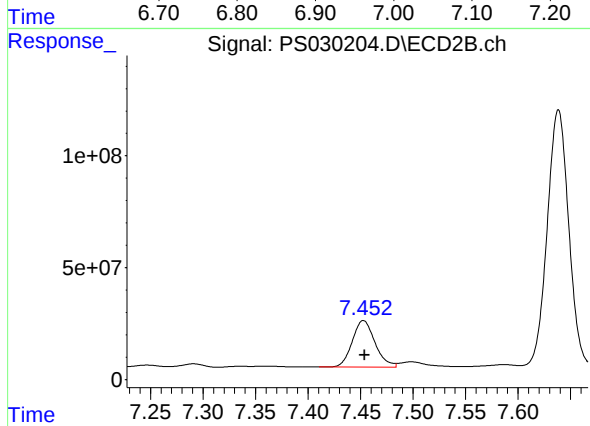
#3 4-Nitrophenol

R.T.: 6.988 min
Delta R.T.: 0.000 min
Response: 5238009
Conc: 5.02 ng/ml



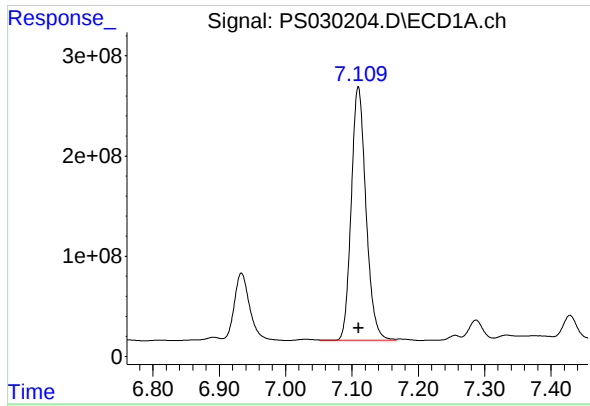
#4 2,4-DCAA

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 1098084307
Conc: 385.59 ng/ml



#4 2,4-DCAA

R.T.: 7.453 min
Delta R.T.: -0.001 min
Response: 312298516
Conc: 390.27 ng/ml



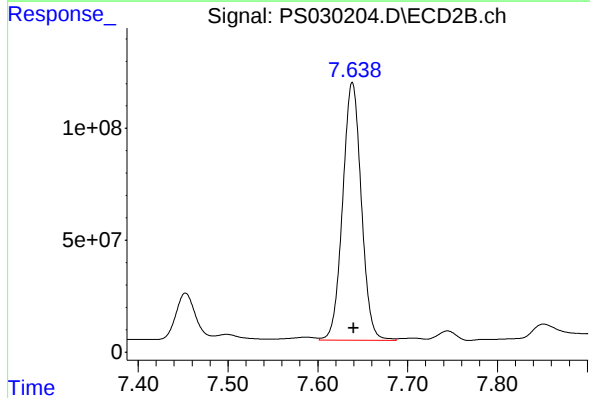
#5 DICAMBA

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 3892167837
Conc: 336.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-A4-03-CMSD

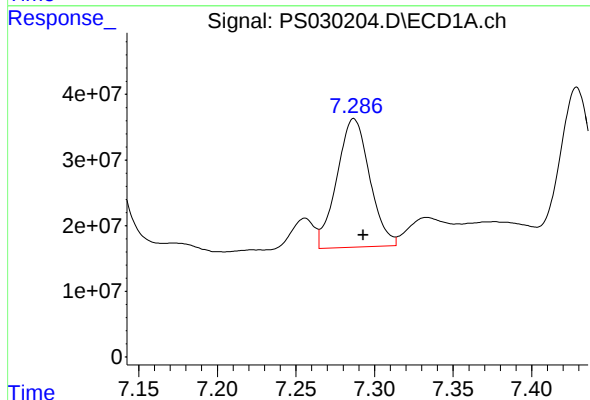
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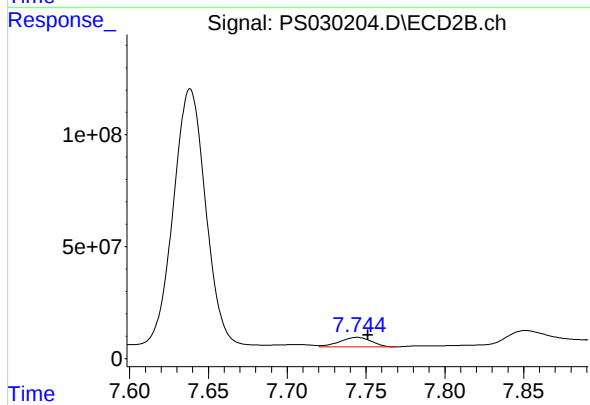
#5 DICAMBA

R.T.: 7.638 min
Delta R.T.: -0.001 min
Response: 1657628171
Conc: 350.60 ng/ml



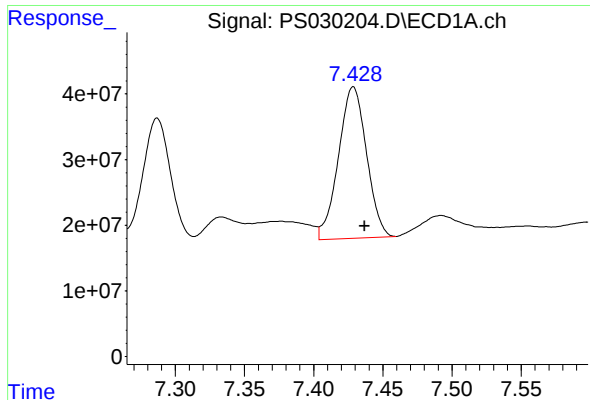
#6 MCPP

R.T.: 7.287 min
Delta R.T.: -0.006 min
Response: 283587922
Conc: 38.94 ug/ml



#6 MCPP

R.T.: 7.744 min
Delta R.T.: -0.007 min
Response: 59767726
Conc: 32.49 ug/ml



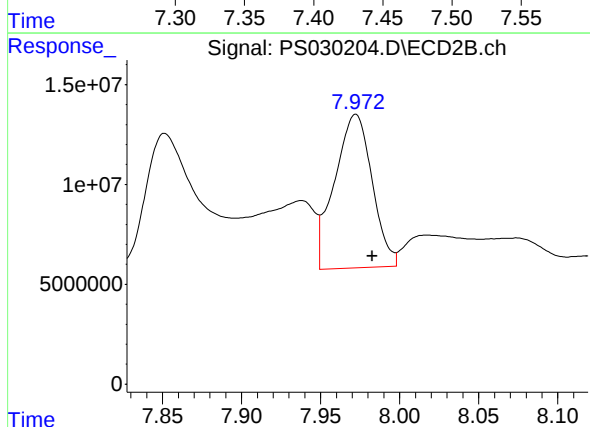
#7 MCPA

R.T.: 7.429 min
Delta R.T.: -0.008 min
Response: 325630092
Conc: 31.37 ug/ml

Instrument :
ECD_S
ClientSampleId :
WC-A4-03-CMSD

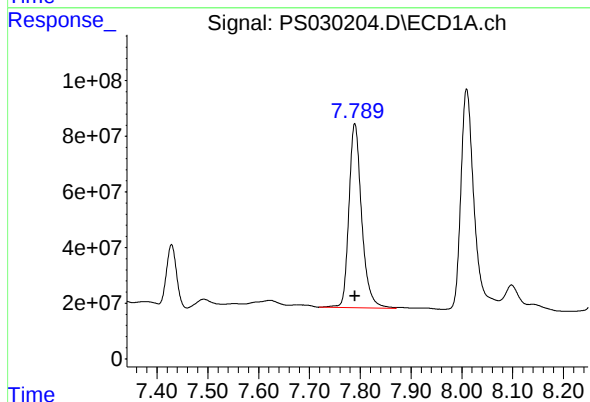
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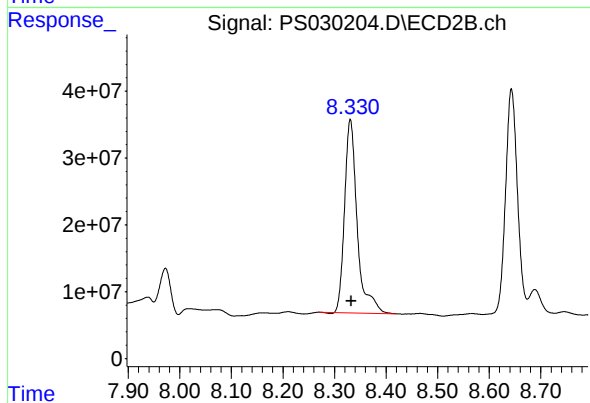
#7 MCPA

R.T.: 7.972 min
Delta R.T.: -0.011 min
Response: 127471086
Conc: 48.33 ug/ml



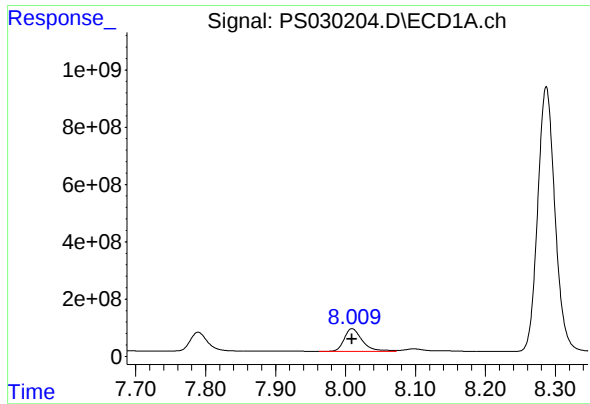
#8 DICHLORPROP

R.T.: 7.789 min
Delta R.T.: 0.000 min
Response: 1158828917
Conc: 396.68 ng/ml



#8 DICHLORPROP

R.T.: 8.331 min
Delta R.T.: -0.002 min
Response: 493909265
Conc: 418.06 ng/ml



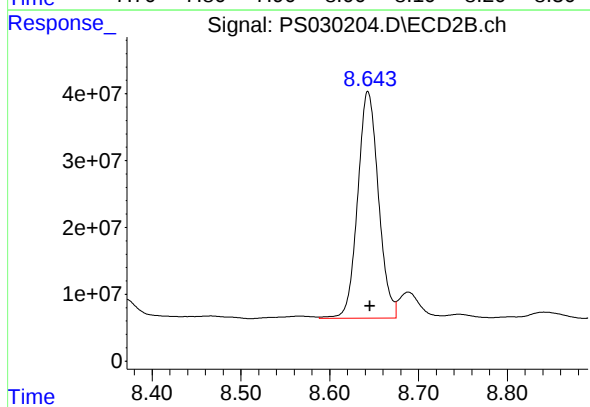
#9 2,4-D

R.T.: 8.009 min
Delta R.T.: 0.000 min
Response: 1434630801
Conc: 437.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-A4-03-CMSD

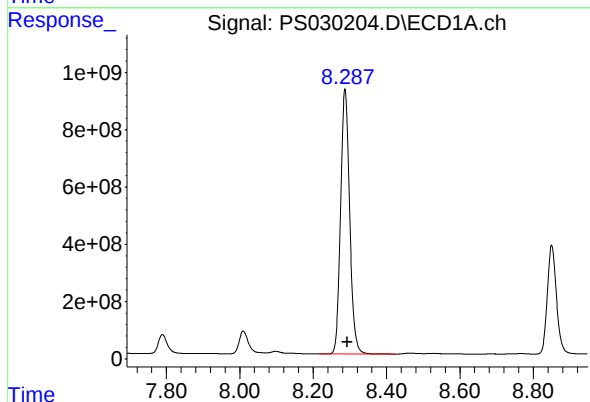
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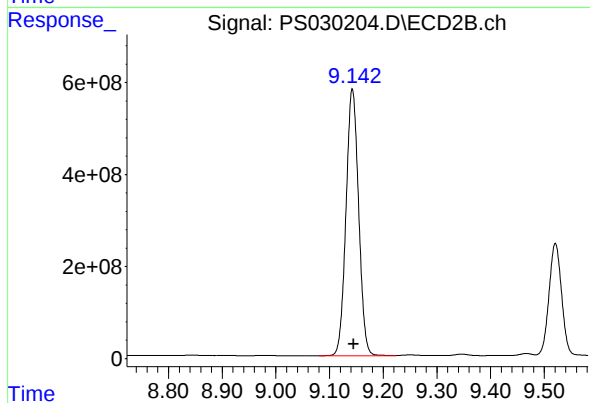
#9 2,4-D

R.T.: 8.643 min
Delta R.T.: -0.002 min
Response: 551133348
Conc: 427.07 ng/ml



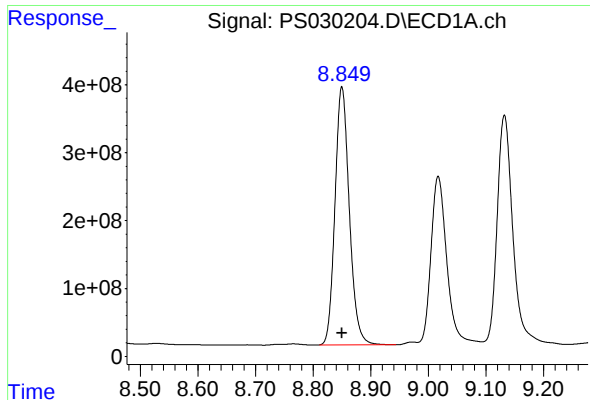
#10 Pentachlorophenol

R.T.: 8.287 min
Delta R.T.: -0.006 min
Response: 15849888609
Conc: 391.35 ng/ml



#10 Pentachlorophenol

R.T.: 9.143 min
Delta R.T.: -0.002 min
Response: 9476702022
Conc: 383.91 ng/ml



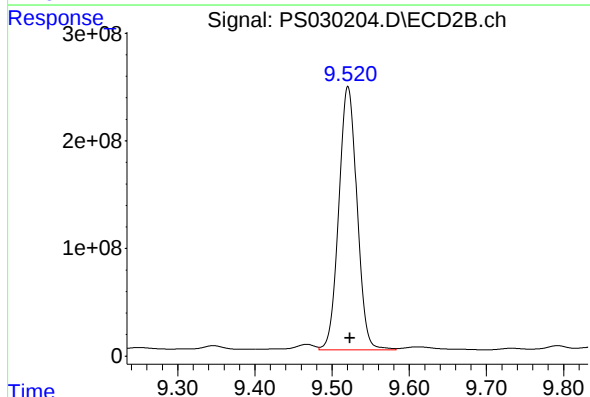
#11 2,4,5-TP (SILVEX)

R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 6568831968
Conc: 405.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-A4-03-CMSD

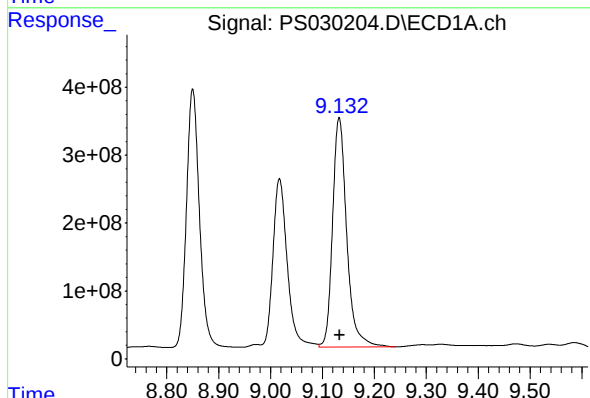
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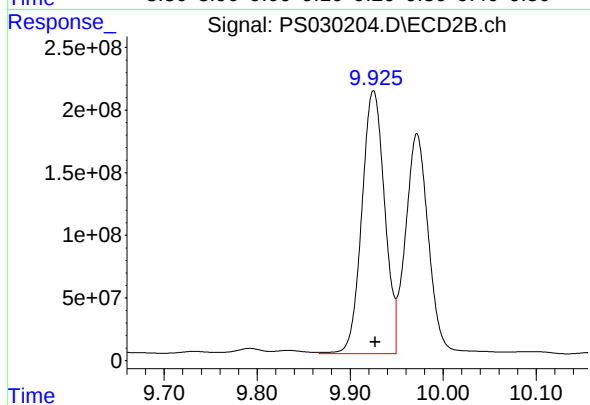
#11 2,4,5-TP (SILVEX)

R.T.: 9.521 min
Delta R.T.: -0.002 min
Response: 3997507521
Conc: 405.82 ng/ml



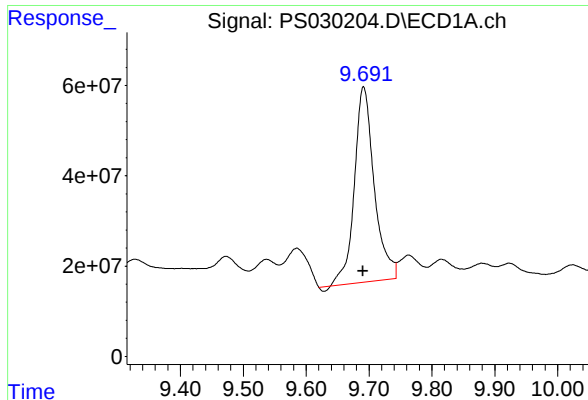
#12 2,4,5-T

R.T.: 9.132 min
Delta R.T.: 0.000 min
Response: 6404327547
Conc: 387.78 ng/ml



#12 2,4,5-T

R.T.: 9.925 min
Delta R.T.: -0.002 min
Response: 3577440437
Conc: 388.70 ng/ml



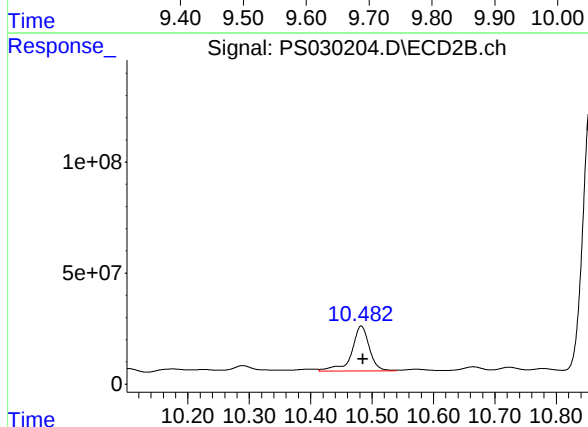
#13 2,4-DB

R.T.: 9.691 min
Delta R.T.: 0.001 min
Response: 944591642
Conc: 361.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-A4-03-CMSD

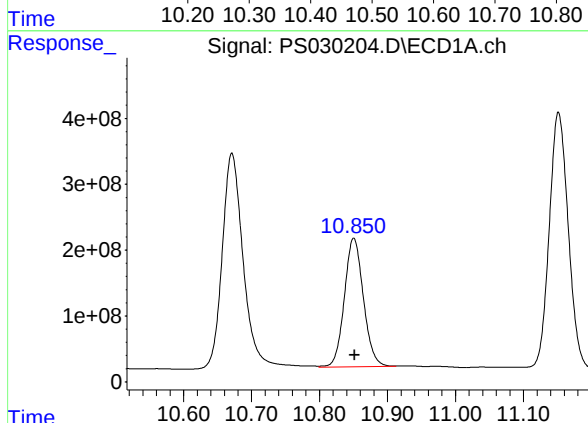
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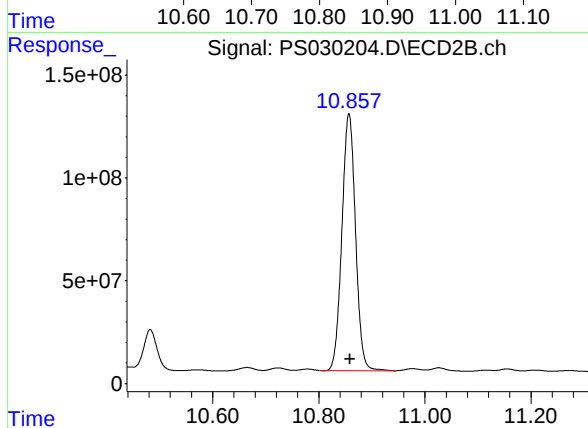
#13 2,4-DB

R.T.: 10.482 min
Delta R.T.: -0.003 min
Response: 409451801
Conc: 412.60 ng/ml



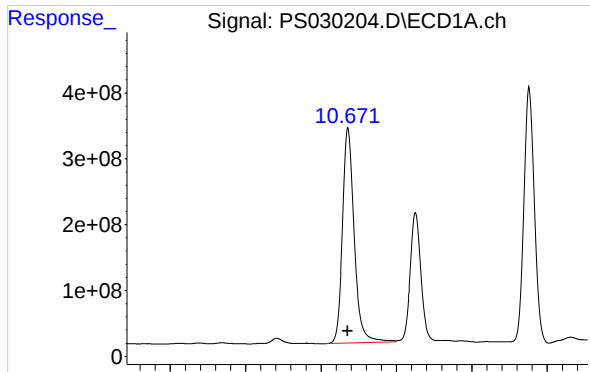
#14 DINOSEB

R.T.: 10.850 min
Delta R.T.: -0.001 min
Response: 3818661147
Conc: 333.91 ng/ml



#14 DINOSEB

R.T.: 10.857 min
Delta R.T.: -0.002 min
Response: 2222656908
Conc: 325.33 ng/ml



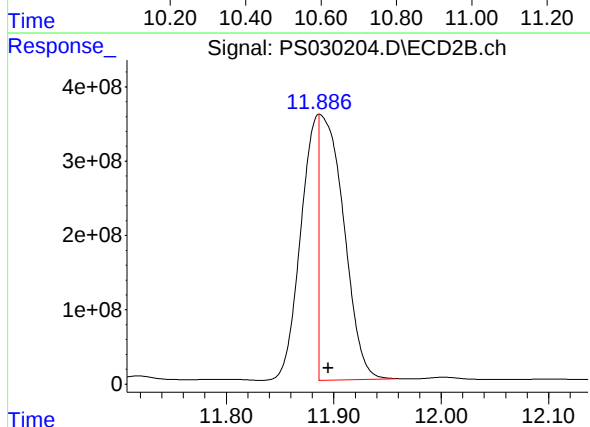
#15 Picloram

R.T.: 10.671 min
Delta R.T.: 0.000 min
Response: 7050712958
Conc: 329.67 ng/ml

Instrument :
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ClientSampleId :
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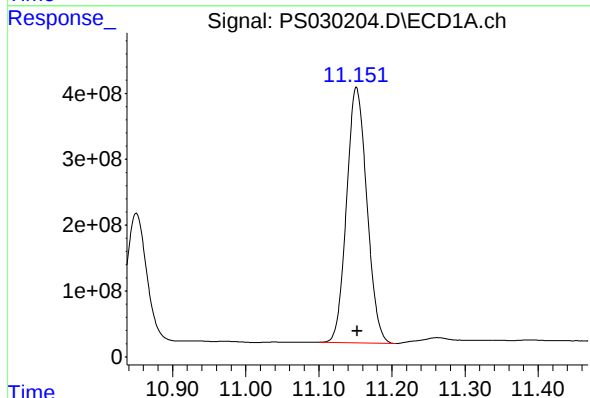
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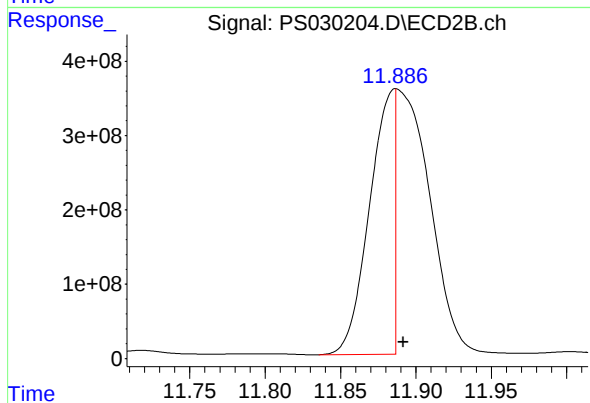
#15 Picloram

R.T.: 11.886 min
Delta R.T.: -0.009 min
Response: 5583652810
Conc: 396.76 ng/ml m



#16 DCPA

R.T.: 11.151 min
Delta R.T.: -0.001 min
Response: 7489963274
Conc: 376.16 ng/ml



#16 DCPA

R.T.: 11.886 min
Delta R.T.: -0.005 min
Response: 4017229044
Conc: 297.34 ng/ml m