

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
 Data File : PS030202.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2025 22:42
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

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 02:04:17 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 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	6.933	7.453	2066.8E6	589.9E6	725.756	737.133
Target Compounds							
1) T	Dalapon	2.447	2.520	3032.2E6	1273.4E6	616.876	626.991
2) T	3,5-DICHL...	6.138	6.452	2808.9E6	770.6E6	673.499	661.005
3) T	4-Nitroph...	6.724	6.988	1396.7E6	640.1E6	676.153	613.089
5) T	DICAMBA	7.110	7.638	7986.5E6	3338.9E6	691.032	706.191
6) T	MCP	7.289	7.746	545.7E6	130.4E6	74.937	70.894
7) T	MCPA	7.431	7.976	720.0E6	175.9E6	69.357	66.677
8) T	DICHLORPROP	7.789	8.330	1987.3E6	804.2E6	680.283	680.660
9) T	2,4-D	8.010	8.643	2238.6E6	906.8E6	682.707	702.648
10) T	Pentachlo...	8.286	9.143	28675.2E6	17741.5E6	708.015	718.716
11) T	2,4,5-TP ...	8.850	9.521	11327.8E6	6998.0E6	699.419	710.429
12) T	2,4,5-T	9.132	9.925	11581.5E6	6493.2E6	701.263	705.508
13) T	2,4-DB	9.690	10.483	1915.4E6	661.3E6	733.930	666.362
14) T	DINOSEB	10.850	10.856	7818.7E6	4711.1E6	683.672	689.571
15) T	Picloram	10.670	11.891	14395.7E6	10070.3E6	673.107	715.569m
16) T	DCPA	11.152	11.887	13987.8E6	8701.3E6	702.501	644.036m

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

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Data File : PS030202.D
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Acq On : 14 May 2025 22:42
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

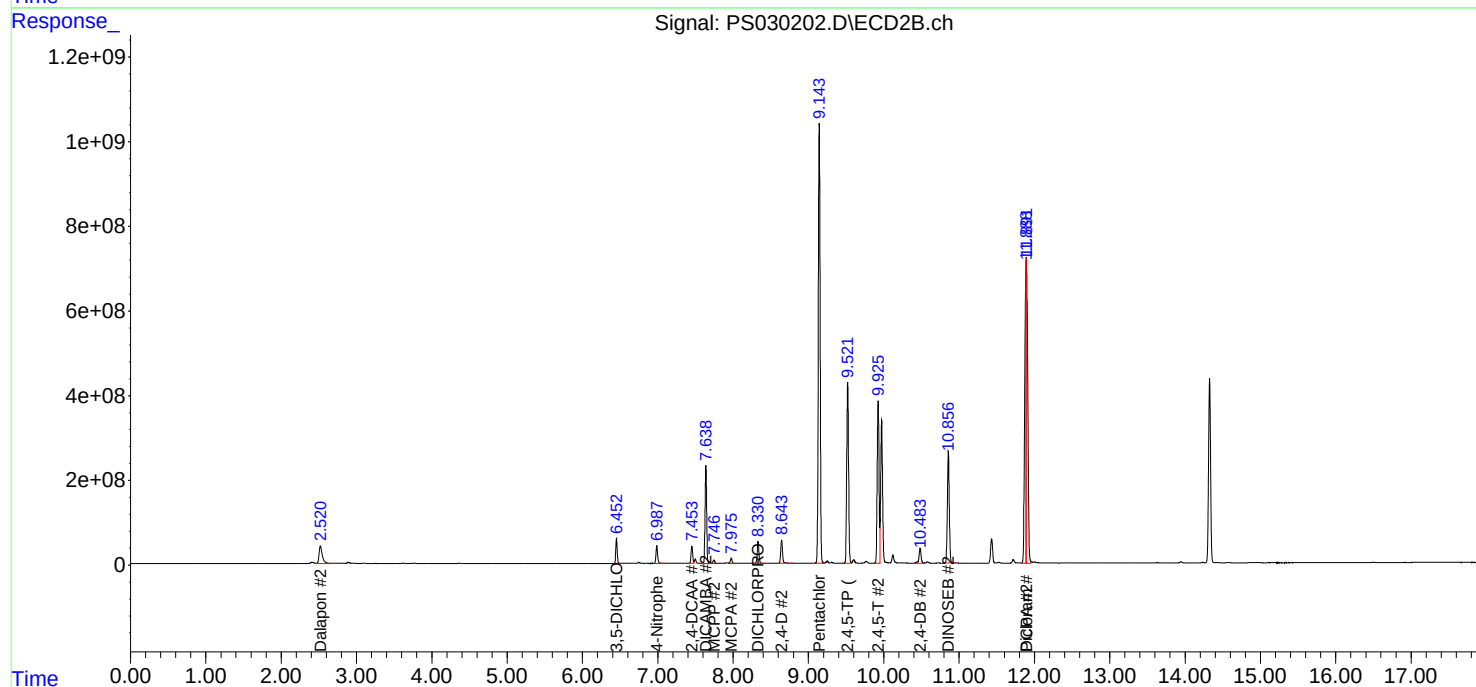
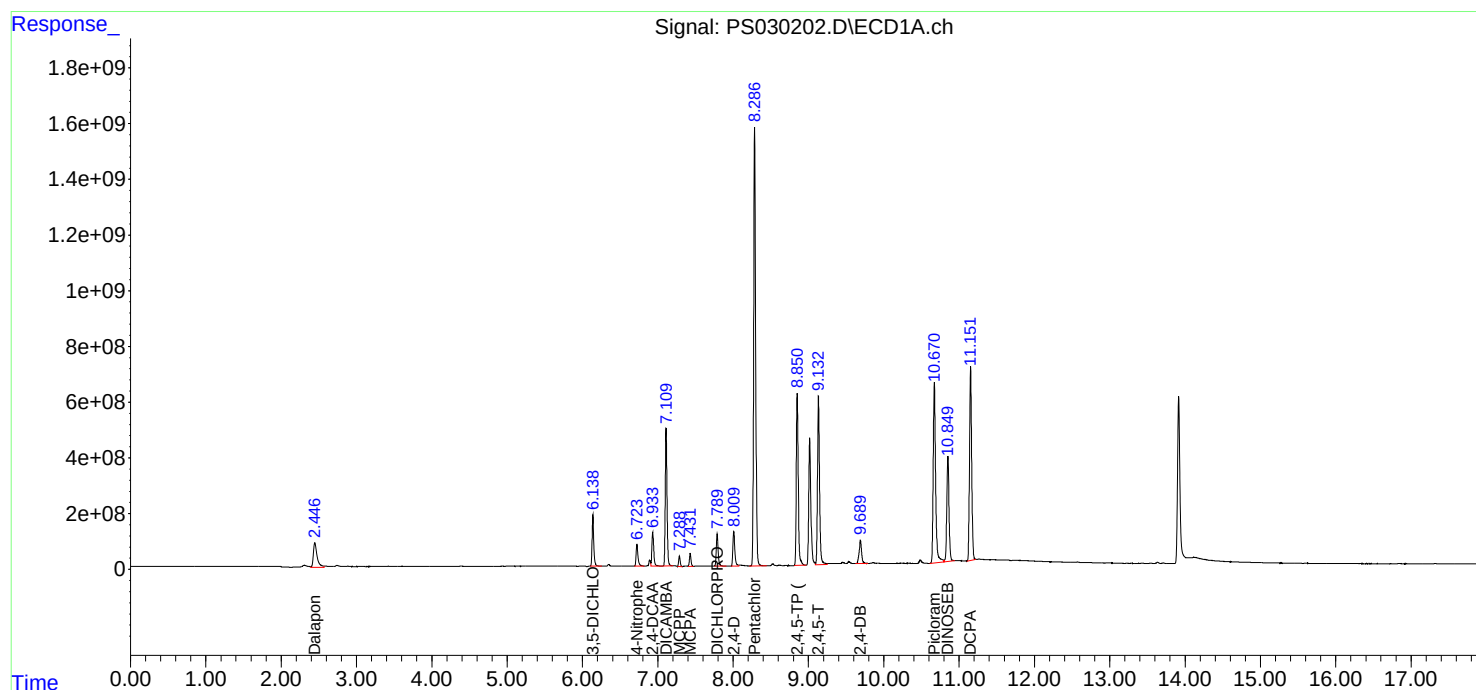
Instrument :
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ClientSampleId :
HSTDCCC750

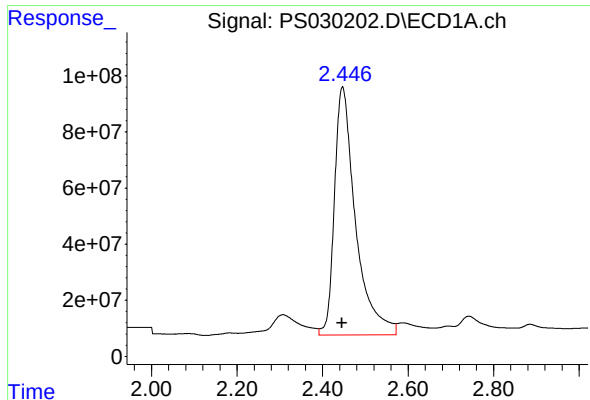
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Integration File signal 2: autoint2.e
Quant Time: May 15 02:04:17 2025
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Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
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Volume Inj. : 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





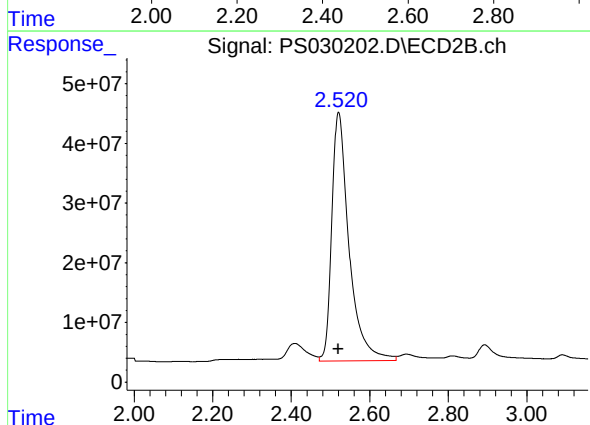
#1 Dalapon

R.T.: 2.447 min
Delta R.T.: 0.000 min
Response: 3032169221
Conc: 616.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

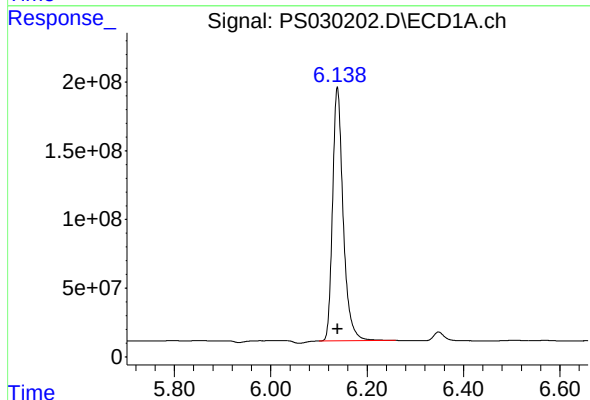
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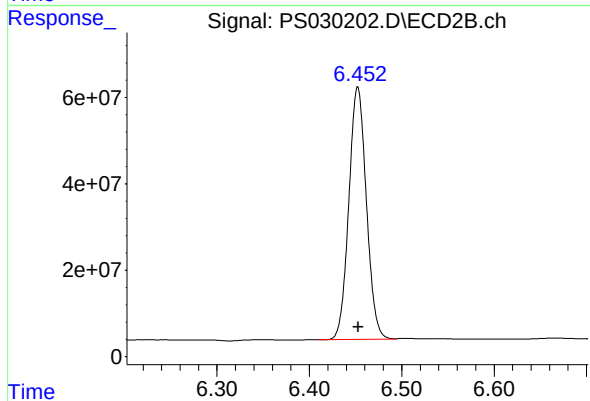
#1 Dalapon

R.T.: 2.520 min
Delta R.T.: 0.000 min
Response: 1273449288
Conc: 626.99 ng/ml



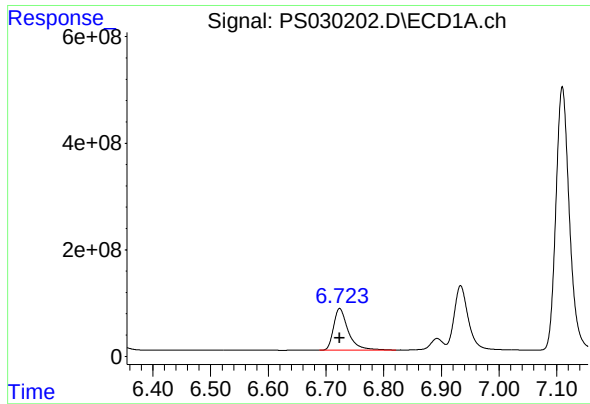
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 2808864483
Conc: 673.50 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 770619572
Conc: 661.01 ng/ml



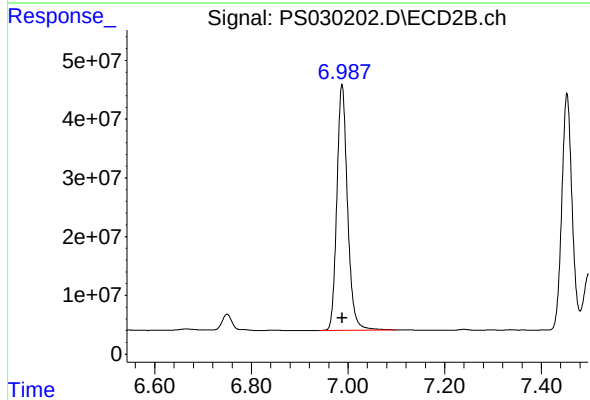
#3 4-Nitrophenol

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 1396671056
Conc: 676.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

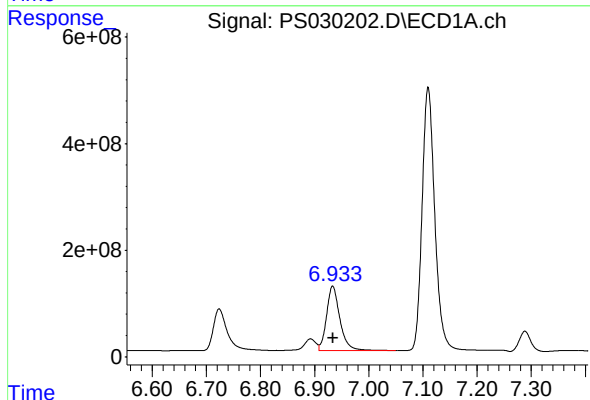
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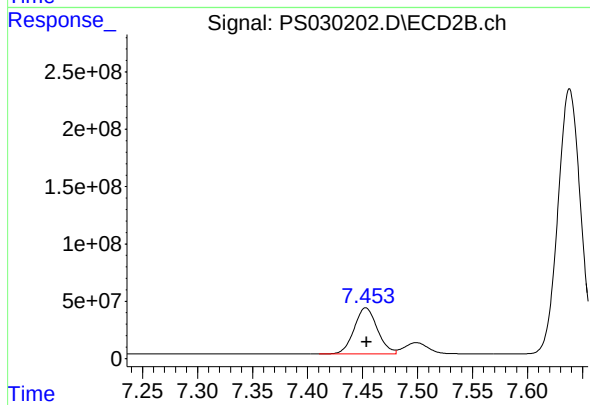
#3 4-Nitrophenol

R.T.: 6.988 min
Delta R.T.: 0.000 min
Response: 640084454
Conc: 613.09 ng/ml



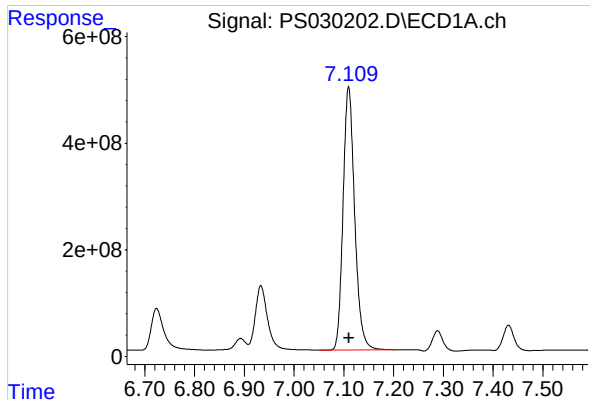
#4 2,4-DCAA

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 2066813230
Conc: 725.76 ng/ml



#4 2,4-DCAA

R.T.: 7.453 min
Delta R.T.: 0.000 min
Response: 589856284
Conc: 737.13 ng/ml



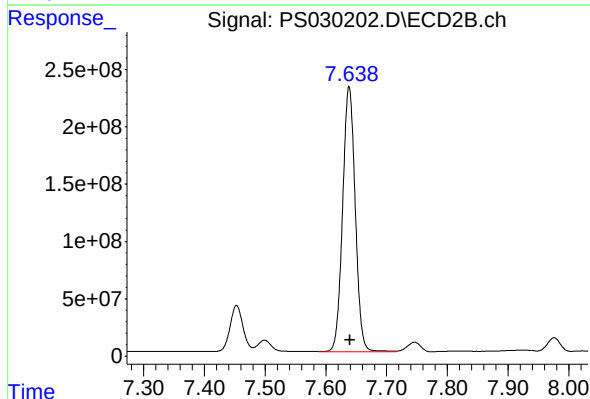
#5 DICAMBA

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 7986505209
Conc: 691.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

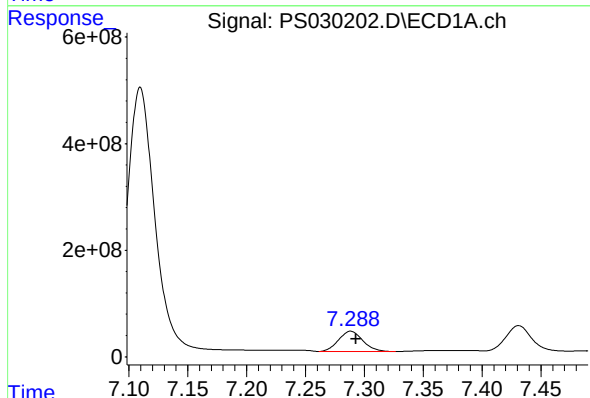
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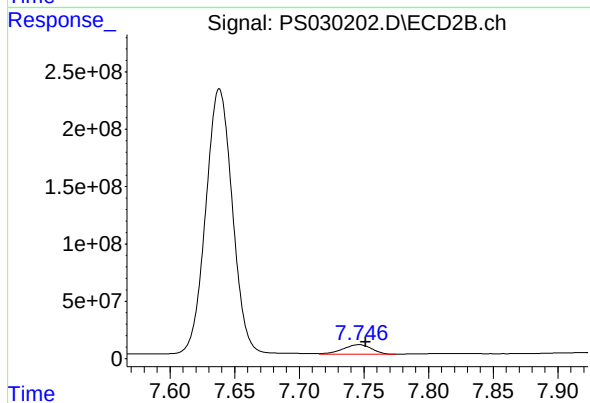
#5 DICAMBA

R.T.: 7.638 min
Delta R.T.: -0.002 min
Response: 3338853943
Conc: 706.19 ng/ml



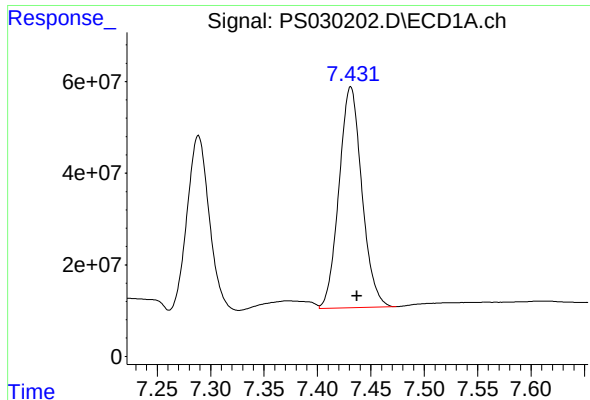
#6 MCP

R.T.: 7.289 min
Delta R.T.: -0.004 min
Response: 545745619
Conc: 74.94 ug/ml



#6 MCP

R.T.: 7.746 min
Delta R.T.: -0.005 min
Response: 130428737
Conc: 70.89 ug/ml



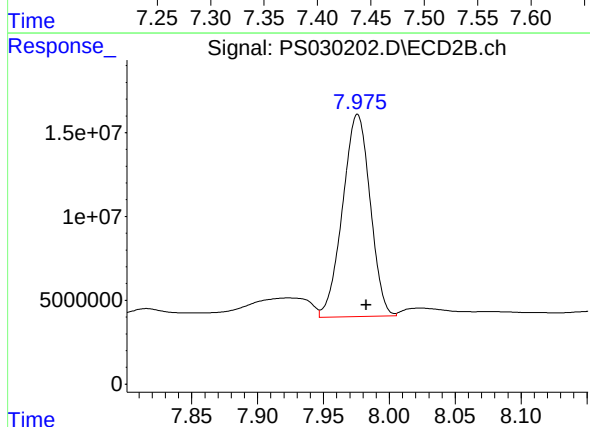
#7 MCPA

R.T.: 7.431 min
Delta R.T.: -0.006 min
Response: 719992709
Conc: 69.36 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

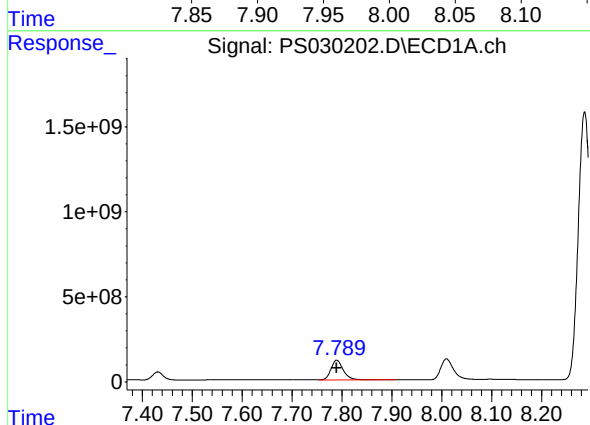
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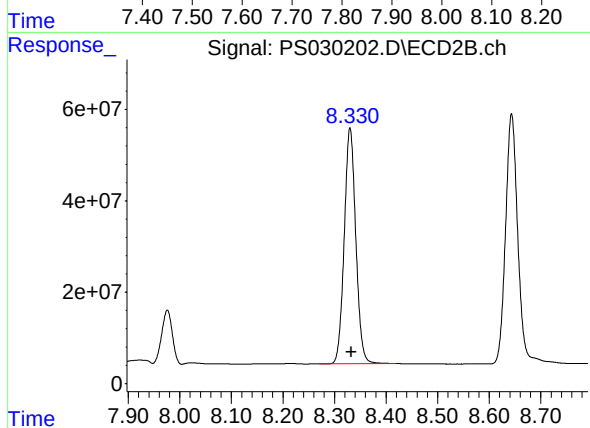
#7 MCPA

R.T.: 7.976 min
Delta R.T.: -0.007 min
Response: 175871676
Conc: 66.68 ug/ml



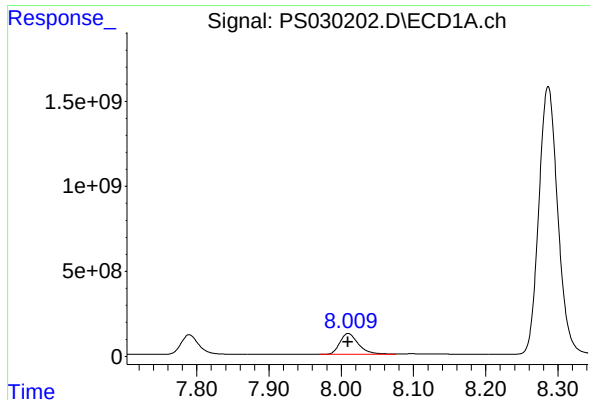
#8 DICHLORPROP

R.T.: 7.789 min
Delta R.T.: 0.000 min
Response: 1987342190
Conc: 680.28 ng/ml



#8 DICHLORPROP

R.T.: 8.330 min
Delta R.T.: -0.003 min
Response: 804153986
Conc: 680.66 ng/ml



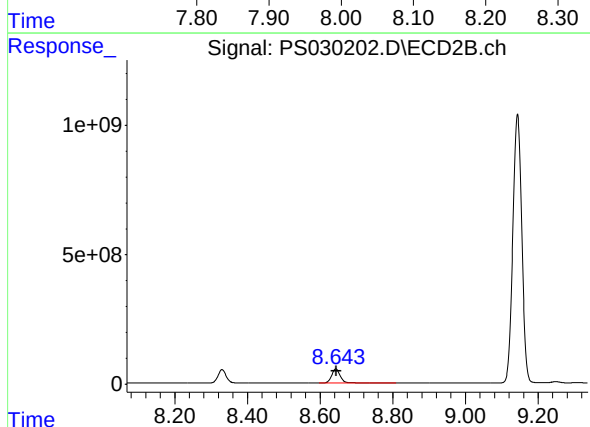
#9 2,4-D

R.T.: 8.010 min
Delta R.T.: 0.000 min
Response: 2238553928
Conc: 682.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

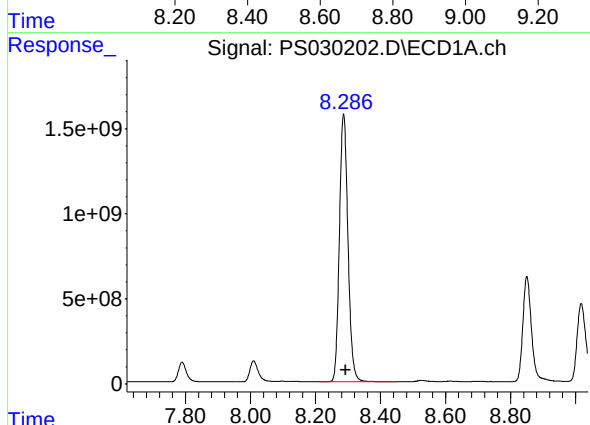
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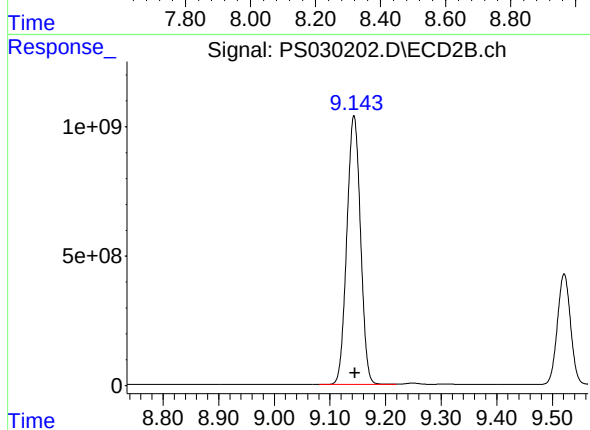
#9 2,4-D

R.T.: 8.643 min
Delta R.T.: -0.002 min
Response: 906768054
Conc: 702.65 ng/ml



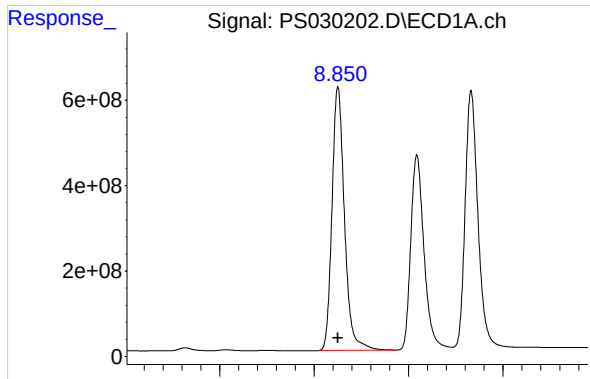
#10 Pentachlorophenol

R.T.: 8.286 min
Delta R.T.: -0.006 min
Response: 28675151888
Conc: 708.01 ng/ml



#10 Pentachlorophenol

R.T.: 9.143 min
Delta R.T.: -0.002 min
Response: 17741471432
Conc: 718.72 ng/ml



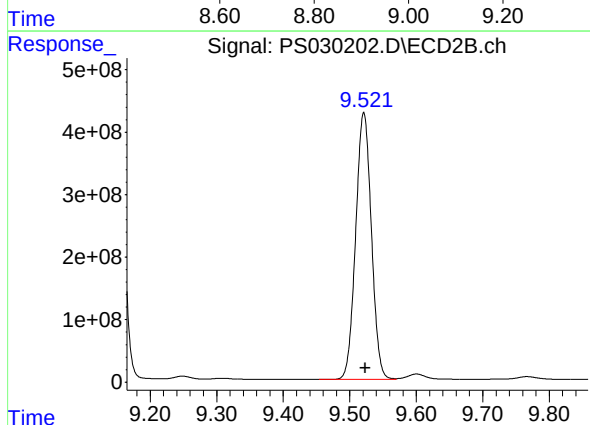
#11 2,4,5-TP (SILVEX)

R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 11327789142
Conc: 699.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

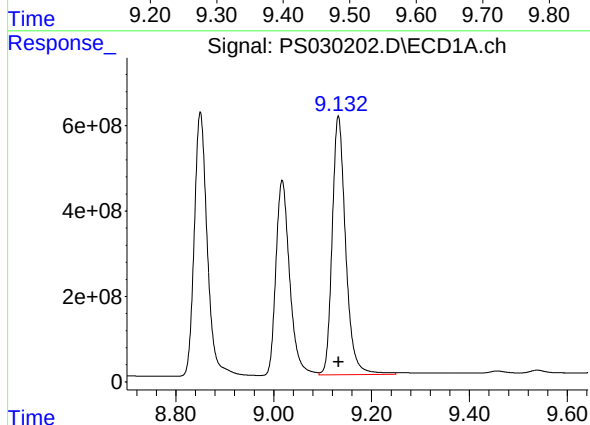
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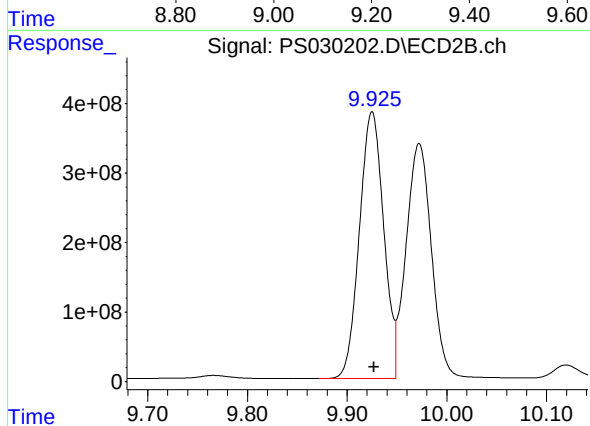
#11 2,4,5-TP (SILVEX)

R.T.: 9.521 min
Delta R.T.: -0.002 min
Response: 6998030080
Conc: 710.43 ng/ml



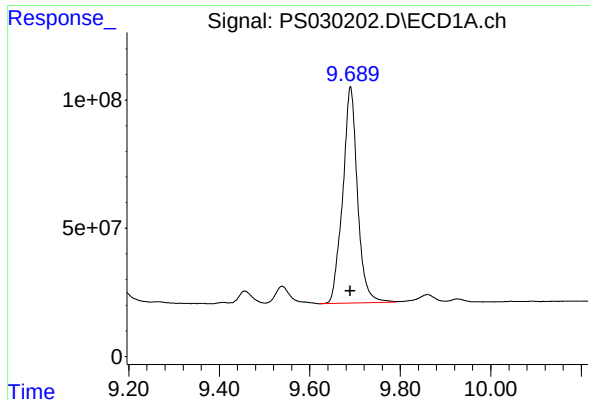
#12 2,4,5-T

R.T.: 9.132 min
Delta R.T.: 0.000 min
Response: 11581496017
Conc: 701.26 ng/ml



#12 2,4,5-T

R.T.: 9.925 min
Delta R.T.: -0.002 min
Response: 6493215836
Conc: 705.51 ng/ml



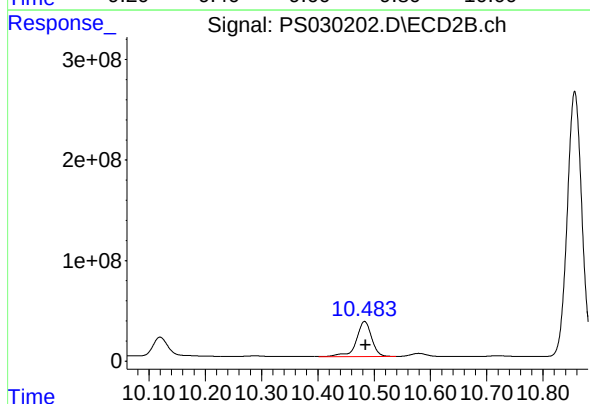
#13 2,4-DB

R.T.: 9.690 min
Delta R.T.: 0.000 min
Response: 1915391547
Conc: 733.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

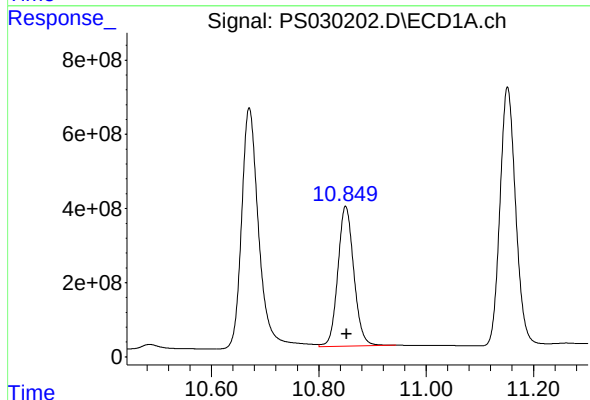
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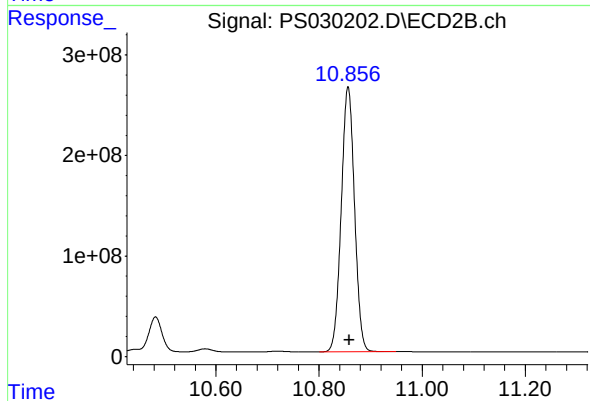
#13 2,4-DB

R.T.: 10.483 min
Delta R.T.: -0.002 min
Response: 661278659
Conc: 666.36 ng/ml



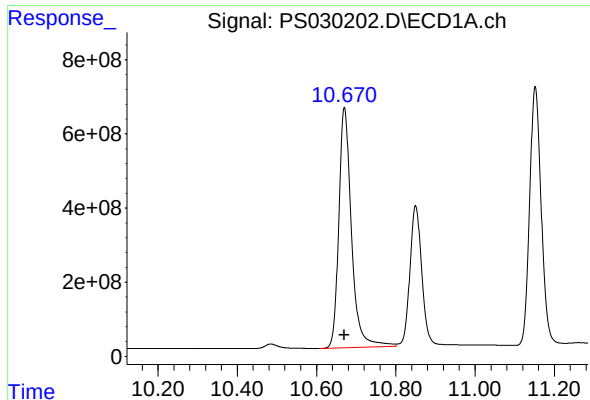
#14 DINOSEB

R.T.: 10.850 min
Delta R.T.: -0.002 min
Response: 7818712289
Conc: 683.67 ng/ml



#14 DINOSEB

R.T.: 10.856 min
Delta R.T.: -0.002 min
Response: 4711136950
Conc: 689.57 ng/ml



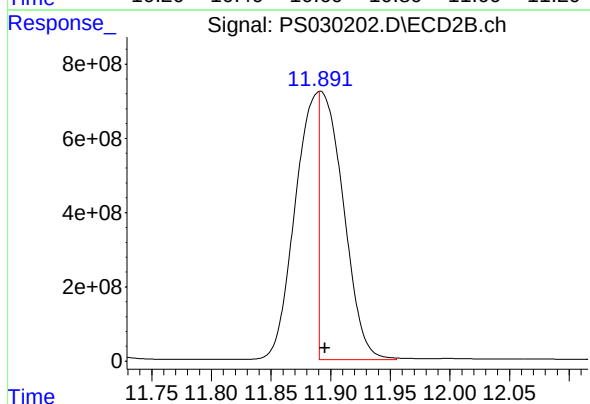
#15 Picloram

R.T.: 10.670 min
Delta R.T.: 0.000 min
Response: 14395714118
Conc: 673.11 ng/ml

Instrument :
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ClientSampleId :
HSTDCCC750

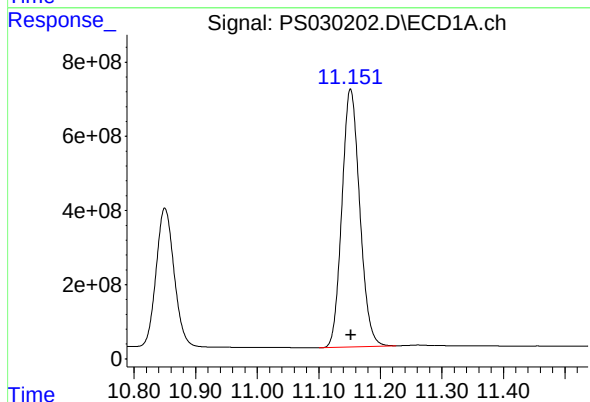
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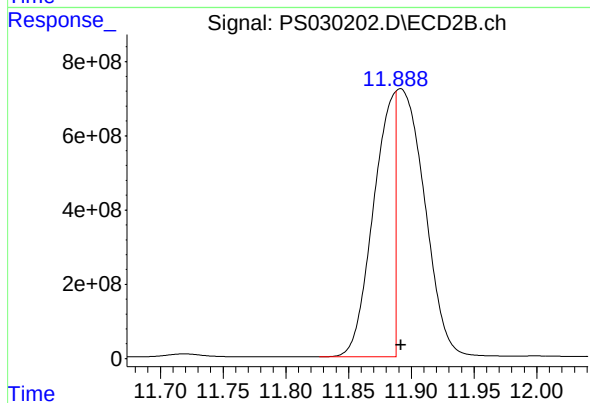
#15 Picloram

R.T.: 11.891 min
Delta R.T.: -0.004 min
Response: 10070286050
Conc: 715.57 ng/ml m



#16 DCPA

R.T.: 11.152 min
Delta R.T.: -0.001 min
Response: 13987848578
Conc: 702.50 ng/ml



#16 DCPA

R.T.: 11.887 min
Delta R.T.: -0.004 min
Response: 8701254383
Conc: 644.04 ng/ml m