

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051325\
 Data File : PS030150.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2025 11:53
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/14/2025
 Supervised By : mohammad ahmed 05/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 04:20:12 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	6.934	7.453	1788.8E6	513.4E6	726.827	728.667
Target Compounds							
1) T	Dalapon	2.445	2.519	2794.9E6	1158.8E6	682.464	667.447
2) T	3,5-DICHL...	6.138	6.452	2437.7E6	665.3E6	682.118	680.550
3) T	4-Nitroph...	6.724	6.987	1173.5E6	547.5E6	658.043	714.816
5) T	DICAMBA	7.110	7.638	6901.6E6	2851.1E6	696.928	721.786
6) T	MCP	7.288	7.746	460.5E6	111.7E6	71.466m	63.849
7) T	MCPA	7.431	7.976	606.9E6	157.4E6	68.724	66.551
8) T	DICHLORPROP	7.790	8.332	1720.2E6	708.1E6	678.806	705.298
9) T	2,4-D	8.010	8.644	1960.3E6	777.7E6	696.896	690.039
10) T	Pentachlo...	8.287	9.144	25052.5E6	15262.7E6	718.145	750.203
11) T	2,4,5-TP ...	8.851	9.522	9892.0E6	6036.7E6	713.564	737.823
12) T	2,4,5-T	9.133	9.927	10008.6E6	5615.1E6	712.198	723.355
13) T	2,4-DB	9.691	10.485	1648.5E6	574.4E6	721.347	713.714
14) T	DINOSEB	10.852	10.858	7109.6E6	4071.4E6	698.839	698.233m
15) T	Picloram	10.671	11.893	13323.0E6	8964.8E6	726.818	729.819m
16) T	DCPA	11.153	11.892	12246.4E6	8454.1E6	719.491	750.028m

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

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Acq On : 13 May 2025 11:53
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

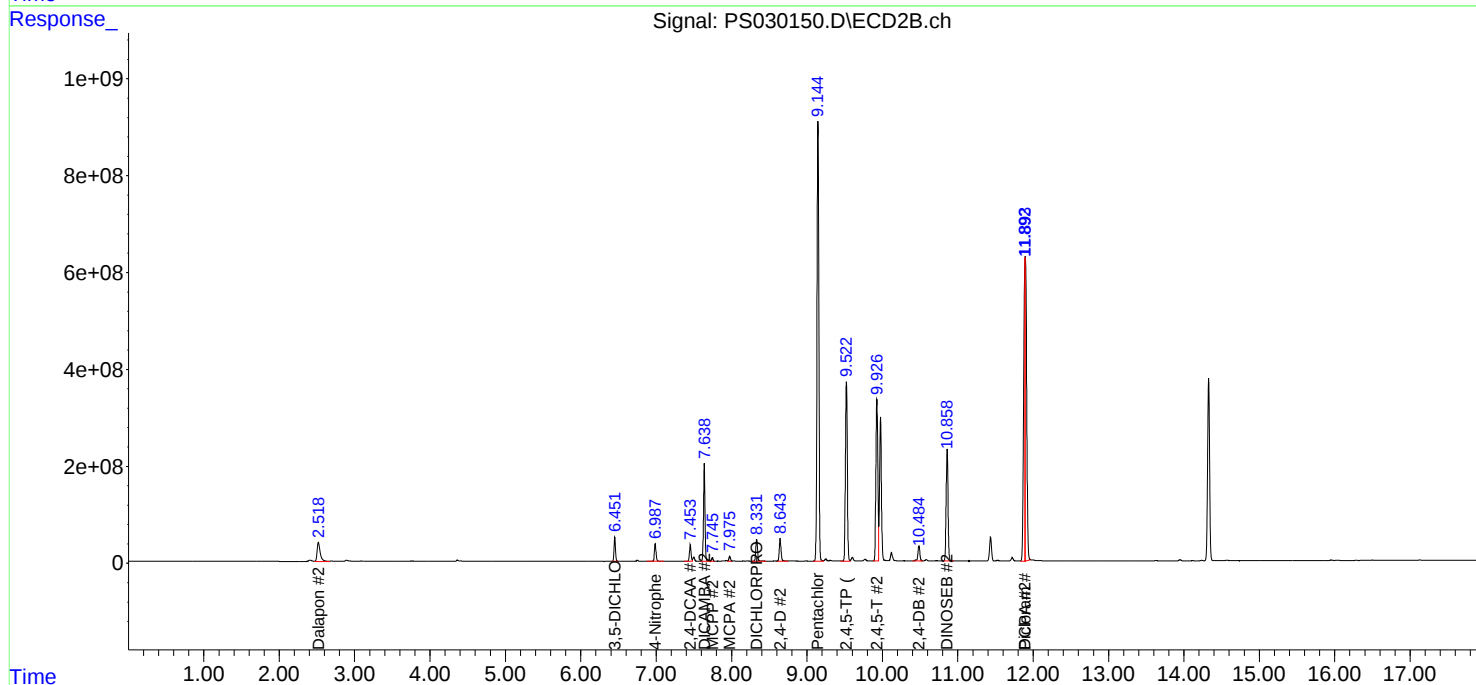
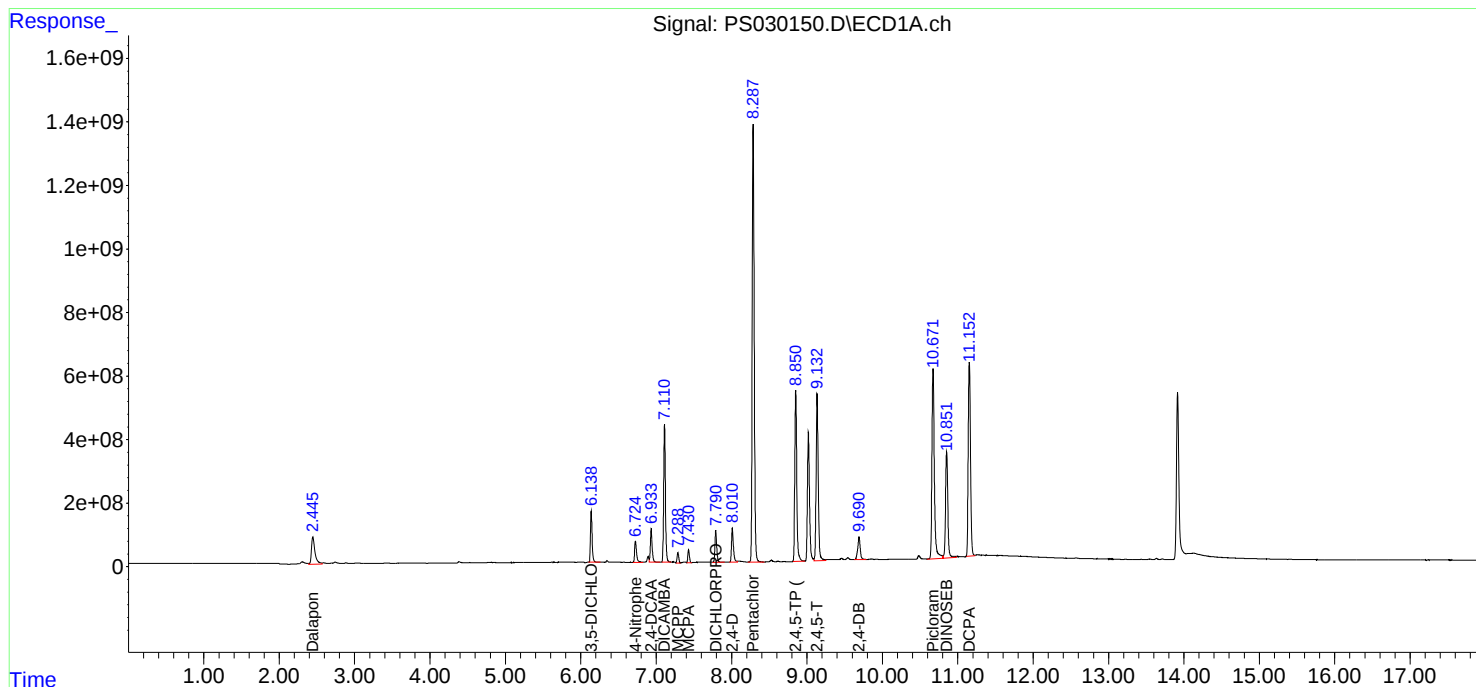
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

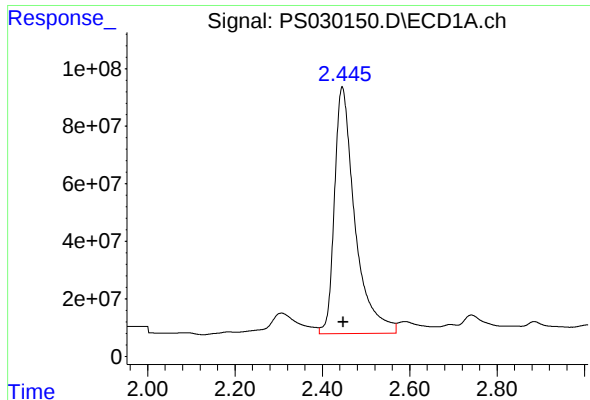
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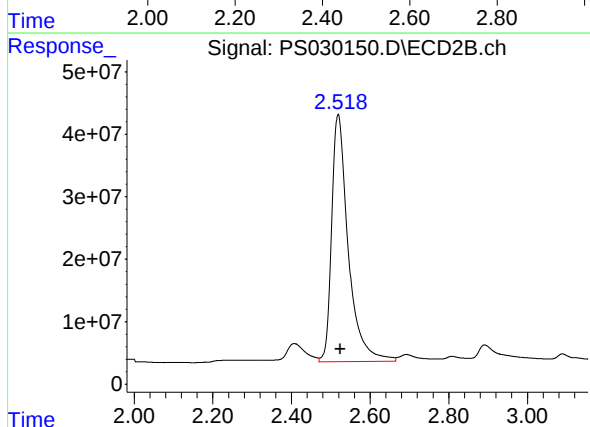
#1 Dalapon

R.T.: 2.445 min
Delta R.T.: -0.003 min
Response: 2794868750
Conc: 682.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

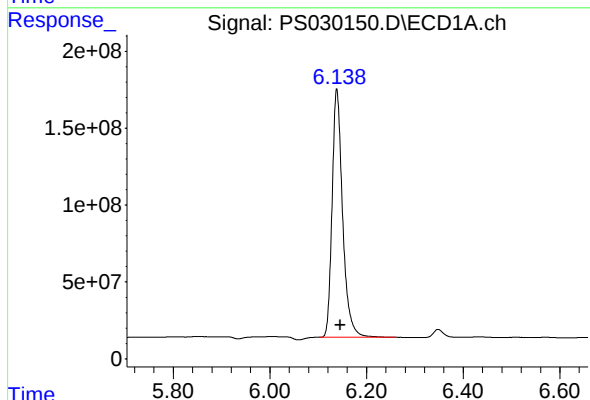
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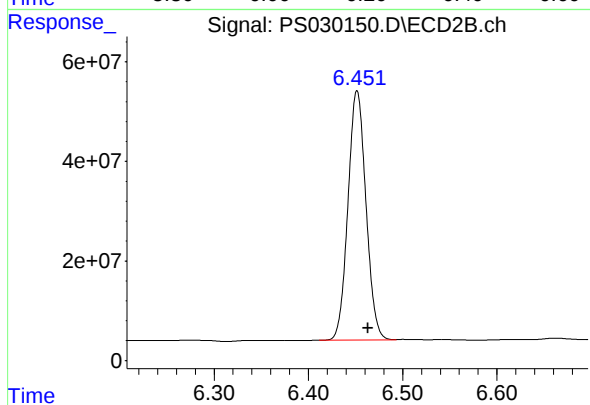
#1 Dalapon

R.T.: 2.519 min
Delta R.T.: -0.006 min
Response: 1158784381
Conc: 667.45 ng/ml



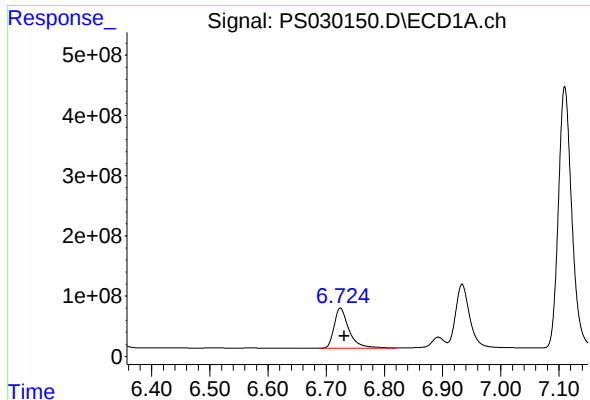
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.138 min
Delta R.T.: -0.007 min
Response: 2437745832
Conc: 682.12 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: -0.011 min
Response: 665291879
Conc: 680.55 ng/ml



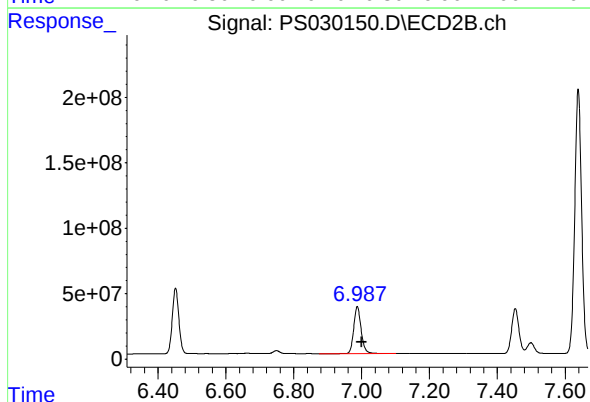
#3 4-Nitrophenol

R.T.: 6.724 min
Delta R.T.: -0.007 min
Response: 1173501673
Conc: 658.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

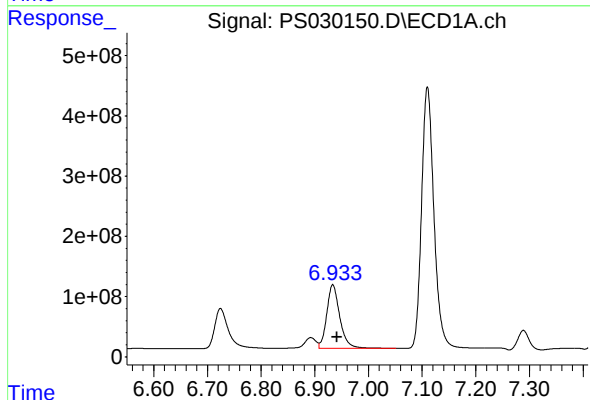
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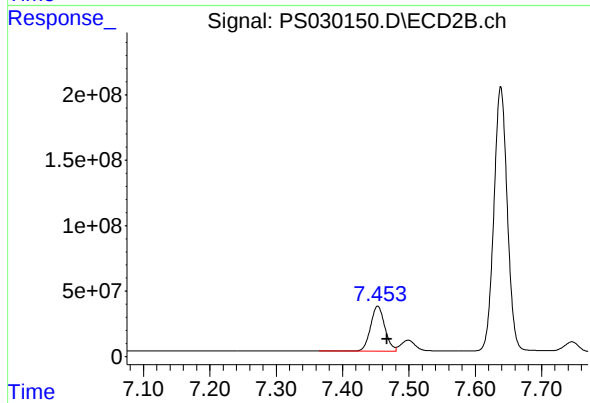
#3 4-Nitrophenol

R.T.: 6.987 min
Delta R.T.: -0.013 min
Response: 547492982
Conc: 714.82 ng/ml



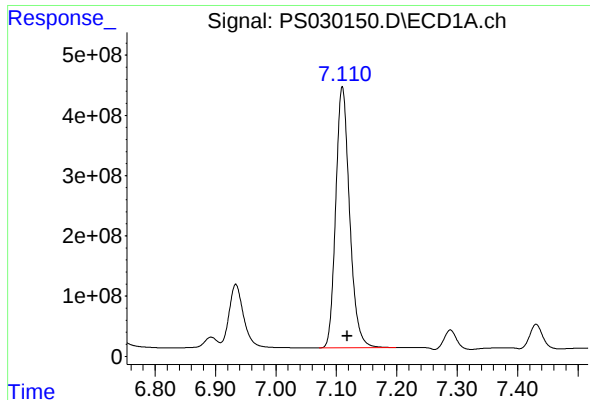
#4 2,4-DCAA

R.T.: 6.934 min
Delta R.T.: -0.008 min
Response: 1788778662
Conc: 726.83 ng/ml



#4 2,4-DCAA

R.T.: 7.453 min
Delta R.T.: -0.014 min
Response: 513358336
Conc: 728.67 ng/ml



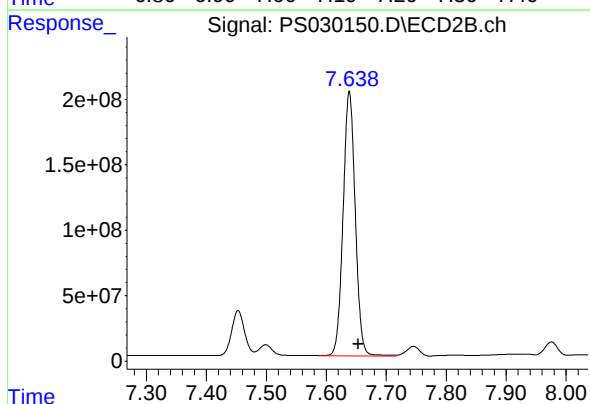
#5 DICAMBA

R.T.: 7.110 min
Delta R.T.: -0.008 min
Response: 6901581945
Conc: 696.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

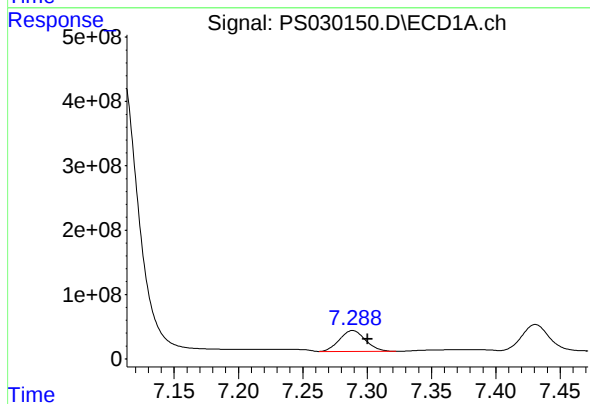
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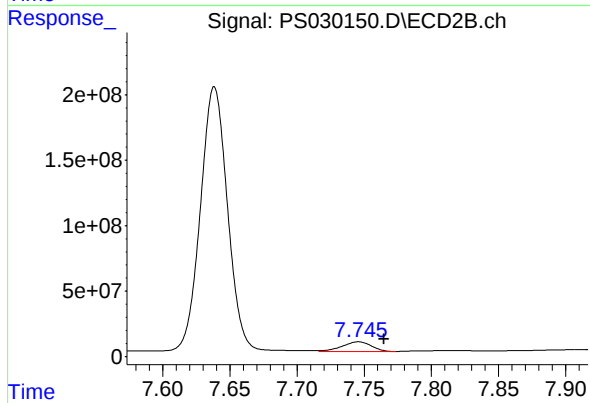
#5 DICAMBA

R.T.: 7.638 min
Delta R.T.: -0.015 min
Response: 2851100551
Conc: 721.79 ng/ml



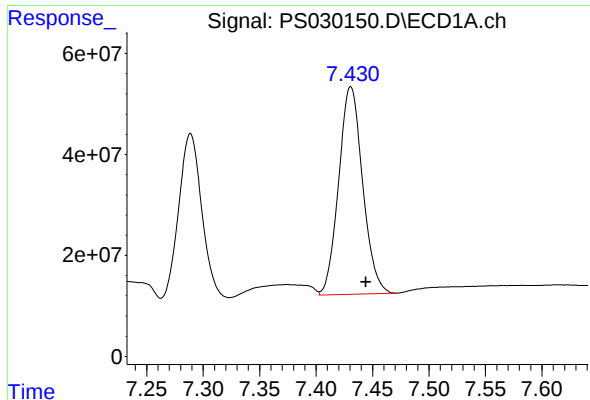
#6 MCPP

R.T.: 7.288 min
Delta R.T.: -0.012 min
Response: 460499296
Conc: 71.47 ug/ml m



#6 MCPP

R.T.: 7.746 min
Delta R.T.: -0.019 min
Response: 111668030
Conc: 63.85 ug/ml



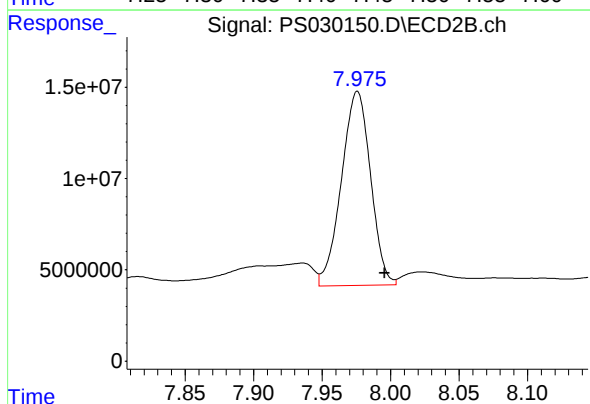
#7 MCPA

R.T.: 7.431 min
Delta R.T.: -0.014 min
Response: 606930454
Conc: 68.72 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

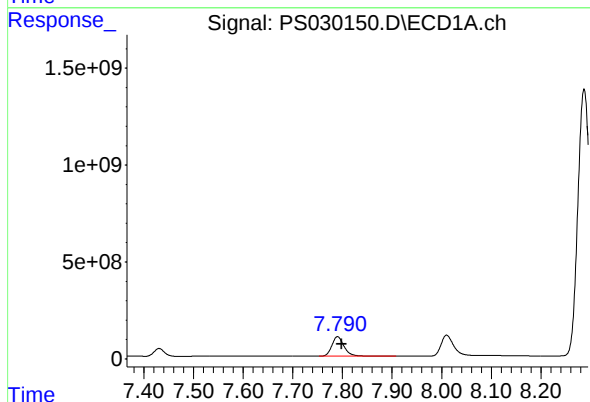
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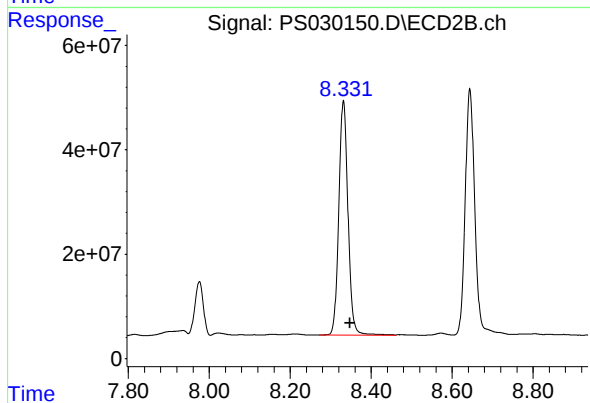
#7 MCPA

R.T.: 7.976 min
Delta R.T.: -0.020 min
Response: 157445789
Conc: 66.55 ug/ml



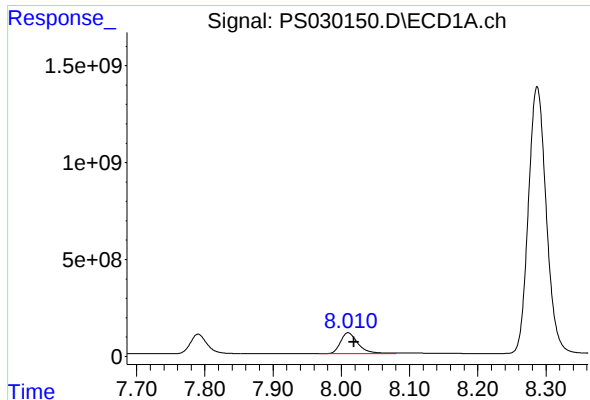
#8 DICHLORPROP

R.T.: 7.790 min
Delta R.T.: -0.009 min
Response: 1720168163
Conc: 678.81 ng/ml



#8 DICHLORPROP

R.T.: 8.332 min
Delta R.T.: -0.016 min
Response: 708094102
Conc: 705.30 ng/ml



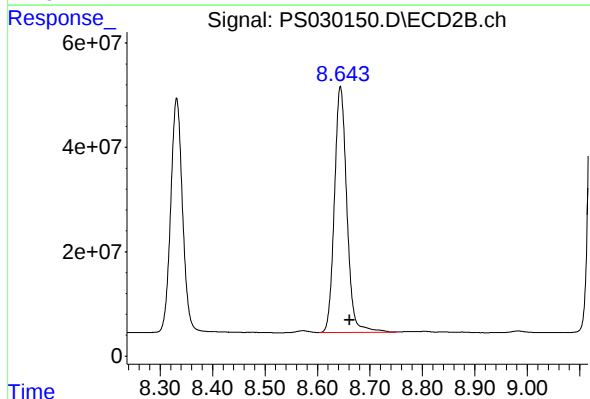
#9 2,4-D

R.T.: 8.010 min
Delta R.T.: -0.009 min
Response: 1960279367
Conc: 696.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

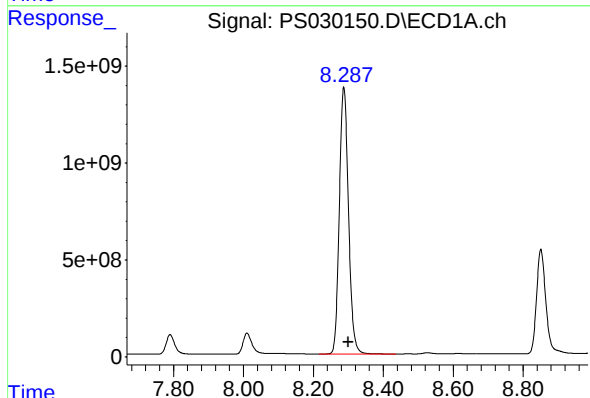
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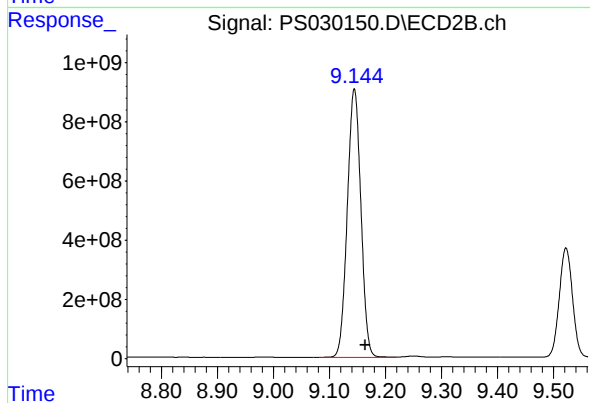
#9 2,4-D

R.T.: 8.644 min
Delta R.T.: -0.017 min
Response: 777747584
Conc: 690.04 ng/ml



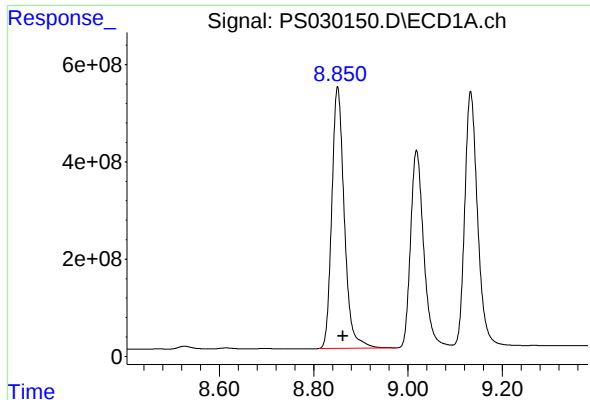
#10 Pentachlorophenol

R.T.: 8.287 min
Delta R.T.: -0.013 min
Response: 25052499002
Conc: 718.15 ng/ml



#10 Pentachlorophenol

R.T.: 9.144 min
Delta R.T.: -0.019 min
Response: 15262741384
Conc: 750.20 ng/ml



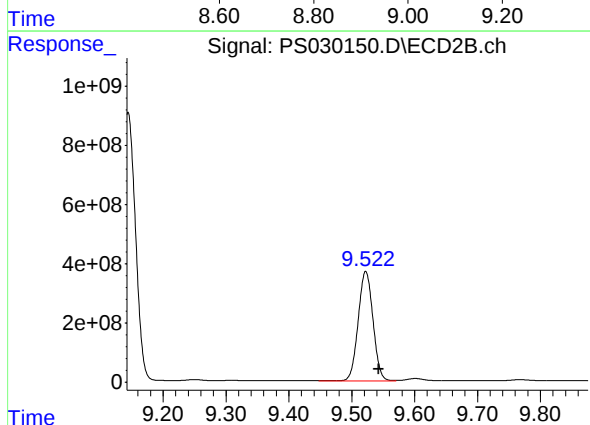
#11 2,4,5-TP (SILVEX)

R.T.: 8.851 min
Delta R.T.: -0.011 min
Response: 9892025169
Conc: 713.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

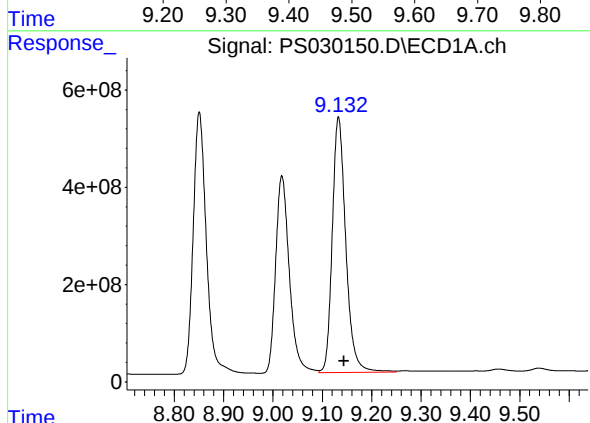
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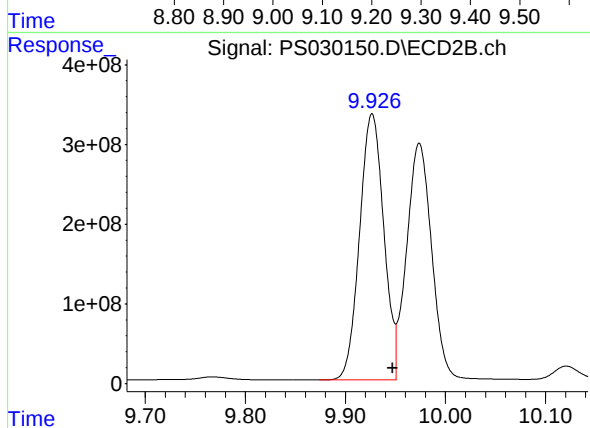
#11 2,4,5-TP (SILVEX)

R.T.: 9.522 min
Delta R.T.: -0.020 min
Response: 6036686044
Conc: 737.82 ng/ml



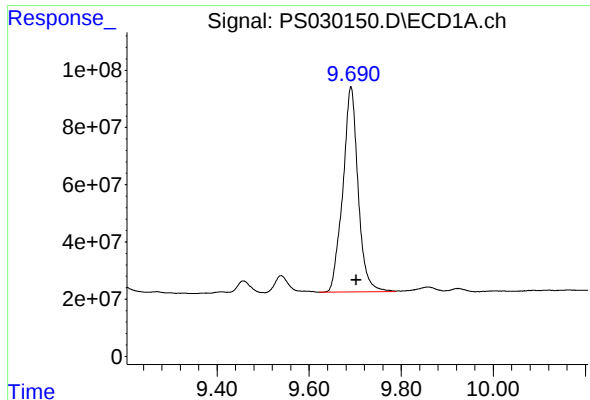
#12 2,4,5-T

R.T.: 9.133 min
Delta R.T.: -0.011 min
Response: 10008589691
Conc: 712.20 ng/ml



#12 2,4,5-T

R.T.: 9.927 min
Delta R.T.: -0.021 min
Response: 5615118415
Conc: 723.36 ng/ml



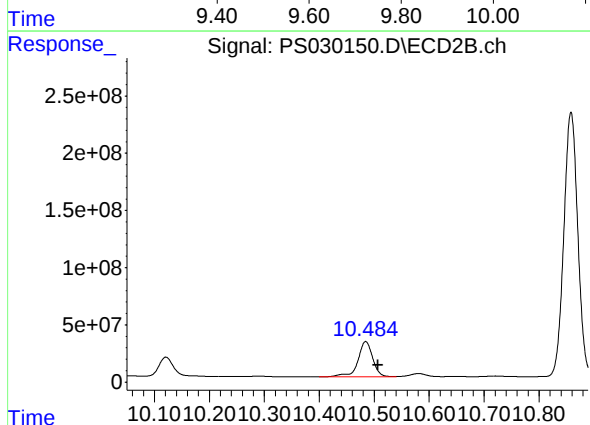
#13 2,4-DB

R.T.: 9.691 min
Delta R.T.: -0.011 min
Response: 1648534937
Conc: 721.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

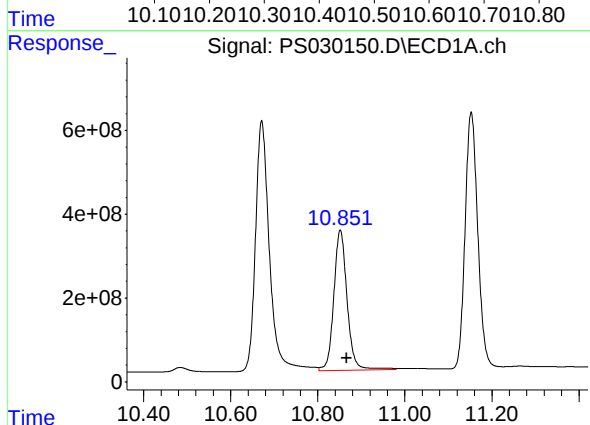
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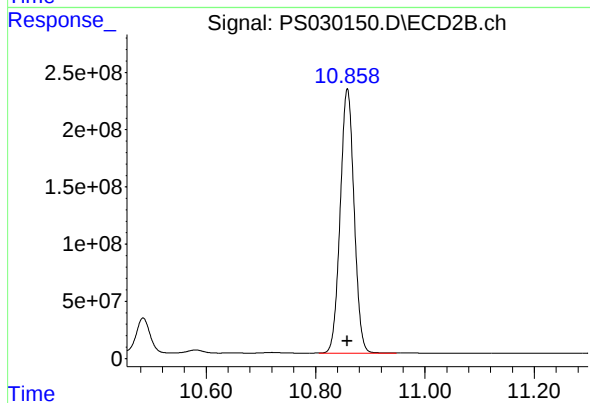
#13 2,4-DB

R.T.: 10.485 min
Delta R.T.: -0.022 min
Response: 574427152
Conc: 713.71 ng/ml



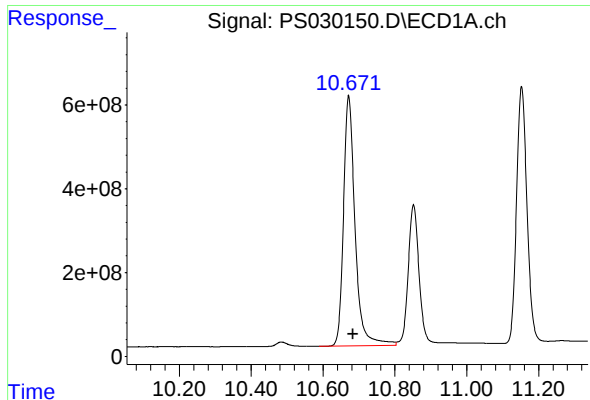
#14 DINOSEB

R.T.: 10.852 min
Delta R.T.: -0.014 min
Response: 7109583996
Conc: 698.84 ng/ml



#14 DINOSEB

R.T.: 10.858 min
Delta R.T.: 0.000 min
Response: 4071385695
Conc: 698.23 ng/ml m



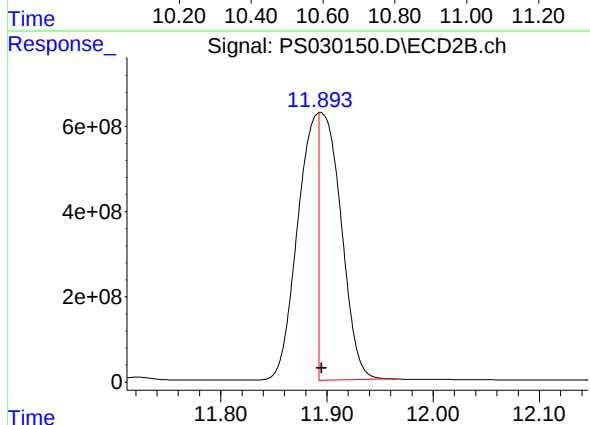
#15 Picloram

R.T.: 10.671 min
Delta R.T.: -0.012 min
Response: 13323030311
Conc: 726.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

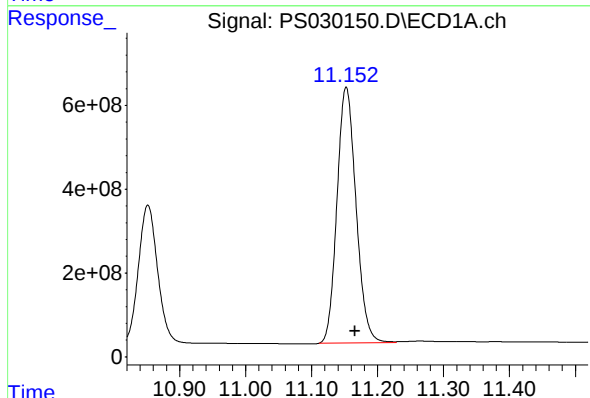
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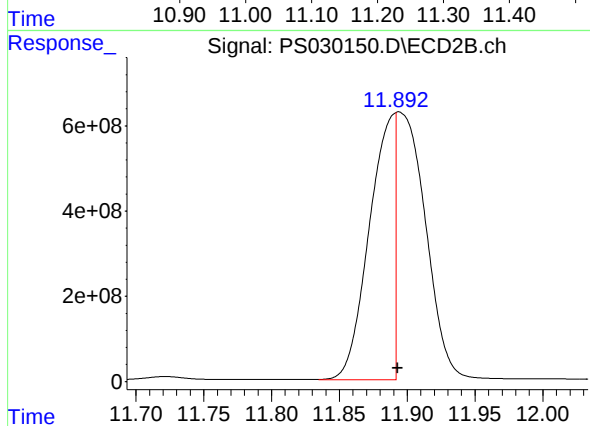
#15 Picloram

R.T.: 11.893 min
Delta R.T.: -0.002 min
Response: 8964839225
Conc: 729.82 ng/ml m



#16 DCPA

R.T.: 11.153 min
Delta R.T.: -0.013 min
Response: 12246448307
Conc: 719.49 ng/ml



#16 DCPA

R.T.: 11.892 min
Delta R.T.: -0.001 min
Response: 8454059574
Conc: 750.03 ng/ml m