

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070225\
 Data File : PS030893.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2025 14:47
 Operator : AR\AJ
 Sample : PSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/03/2025
 Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 01:43:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 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	7.338	7.768	2615.1E6	732.8E6	711.715m	683.578
Target Compounds							
1) T	Dalapon	2.706	2.712	3787.5E6	1718.8E6	634.884	626.904
2) T	3,5-DICHL...	6.499	6.714	3555.5E6	1020.8E6	661.176	632.794
3) T	4-Nitroph...	7.138	7.300	1029.3E6	1047.5E6	652.783	604.252
5) T	DICAMBA	7.528	7.970	10059.4E6	4354.3E6	661.148	664.457
6) T	MCPD	7.709	8.069	699.0E6	146.6E6	74.455m	69.894
7) T	MCPA	7.860	8.318	806.2E6	213.1E6	68.726	67.738
8) T	DICHLORPROP	8.242	8.690	2402.4E6	987.9E6	641.367	628.267
9) T	2,4-D	8.473	9.025	2371.1E6	1075.2E6	688.394	632.689
10) T	Pentachlo...	8.781	9.550	37281.5E6	26026.6E6	704.416	682.716
11) T	2,4,5-TP ...	9.360	9.931	14206.6E6	9655.0E6	709.250	669.156
12) T	2,4,5-T	9.655	10.356	12594.5E6	9325.5E6	765.476	682.457
13) T	2,4-DB	10.233	10.924	1852.7E6	772.5E6	807.803m	653.092
14) T	DINOSEB	11.450	11.310	9484.3E6	6744.2E6	683.640m	625.548
15) T	Picloram	11.261	12.419	12824.2E6	16245.6E6	797.715m	698.994
16) T	DCPA	11.746	12.353	18359.2E6	14950.5E6	716.700m	678.250m

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

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Operator : AR\AJ
Sample : PSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

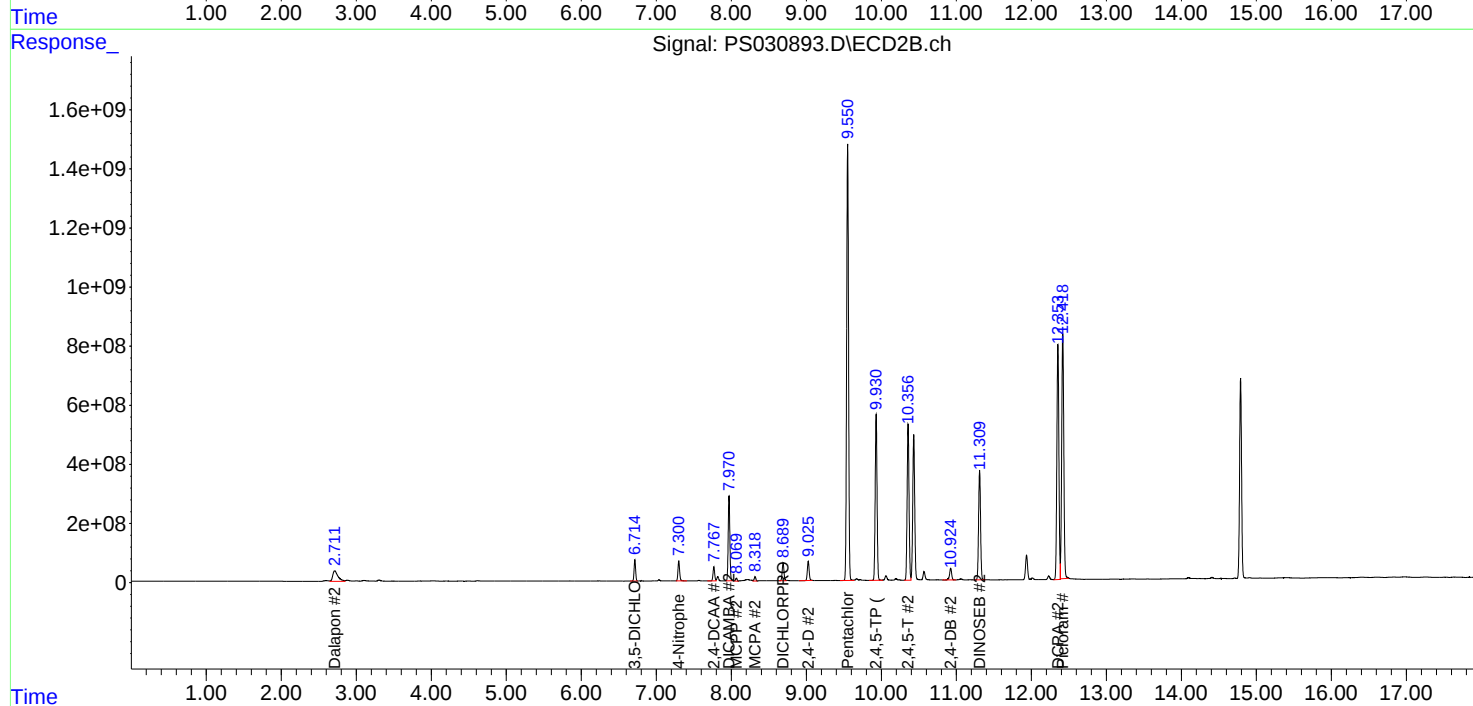
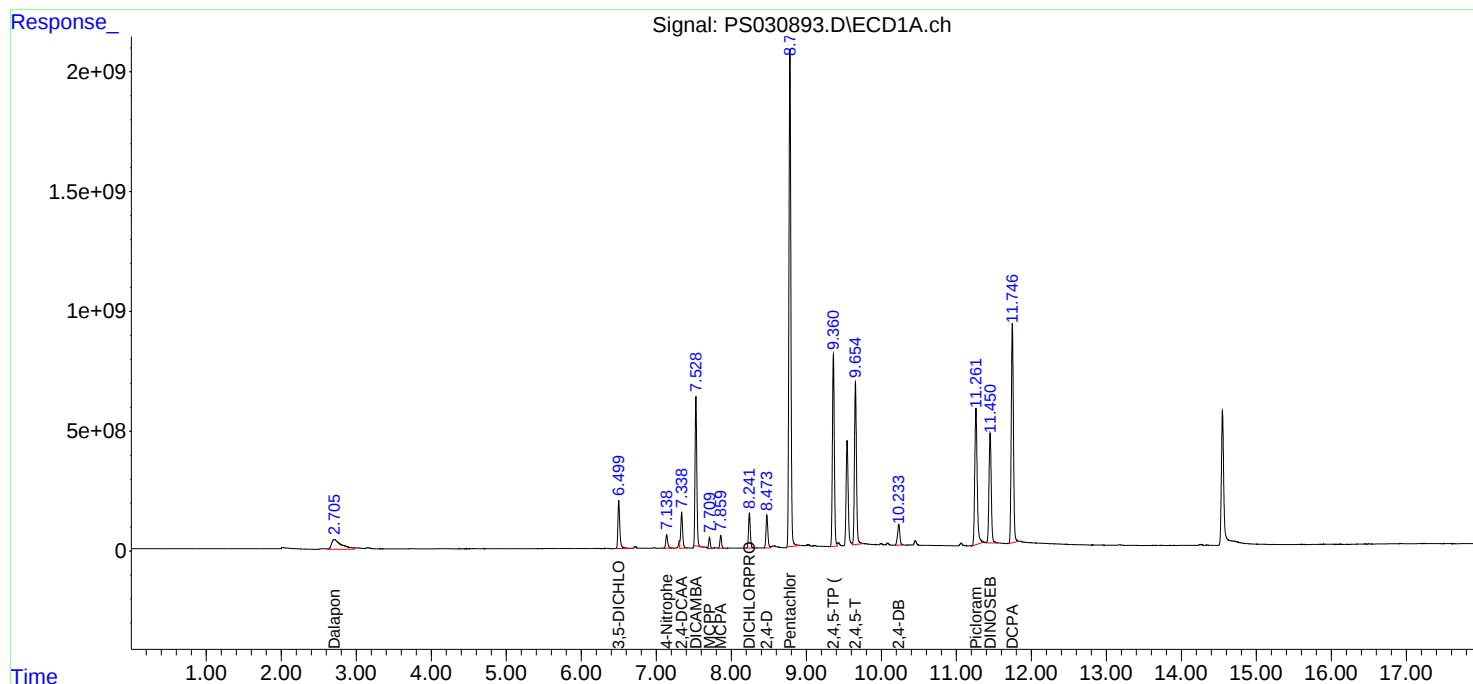
Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

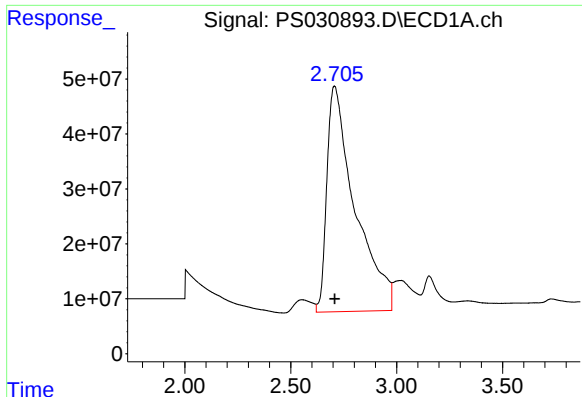
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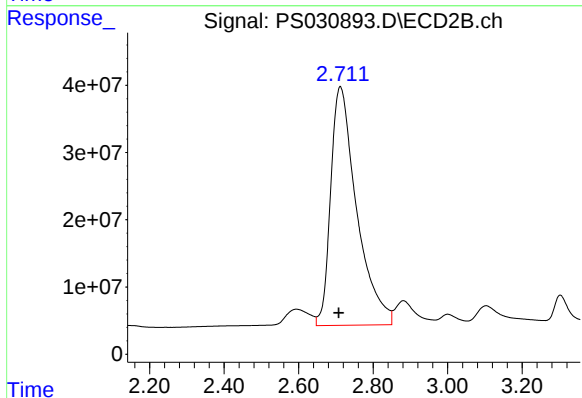
#1 Dalapon

R.T.: 2.706 min
Delta R.T.: -0.002 min
Response: 3787482528
Conc: 634.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

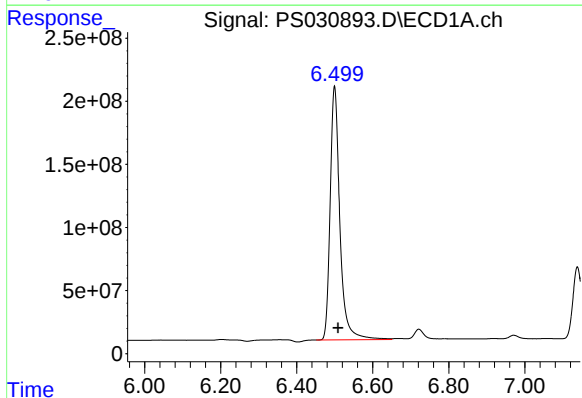
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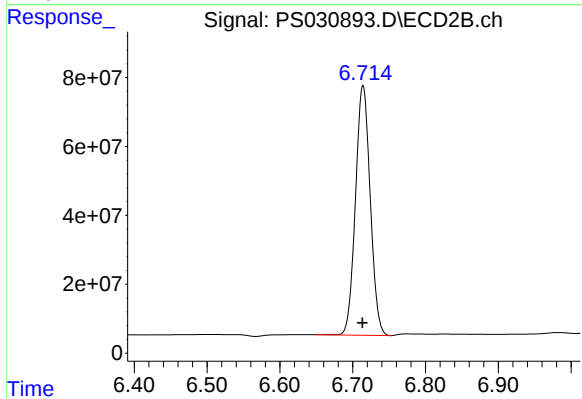
#1 Dalapon

R.T.: 2.712 min
Delta R.T.: 0.004 min
Response: 1718810208
Conc: 626.90 ng/ml



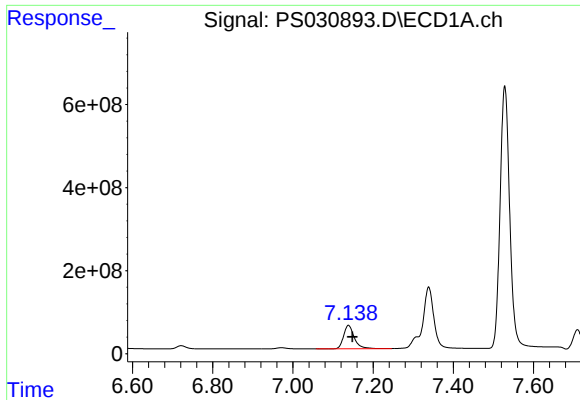
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.499 min
Delta R.T.: -0.009 min
Response: 3555509210
Conc: 661.18 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 1020791775
Conc: 632.79 ng/ml



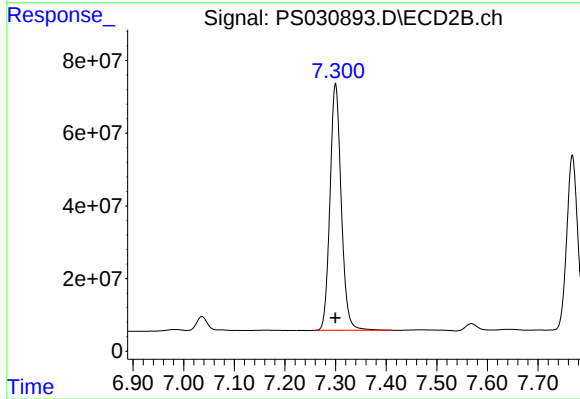
#3 4-Nitrophenol

R.T.: 7.138 min
Delta R.T.: -0.010 min
Response: 1029287842
Conc: 652.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

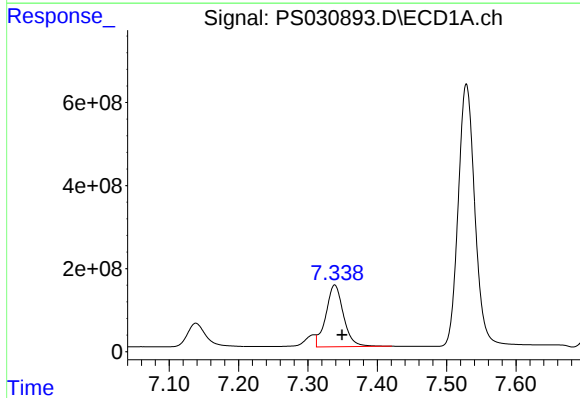
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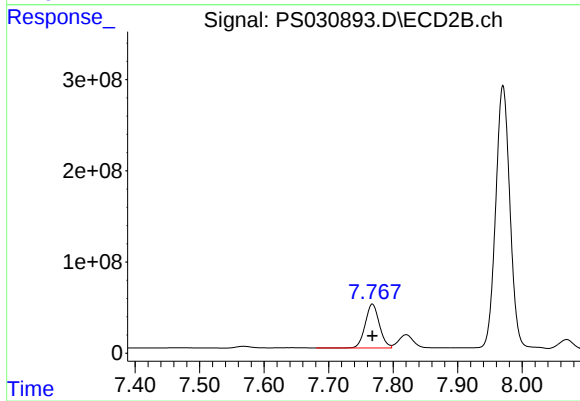
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 1047492530
Conc: 604.25 ng/ml



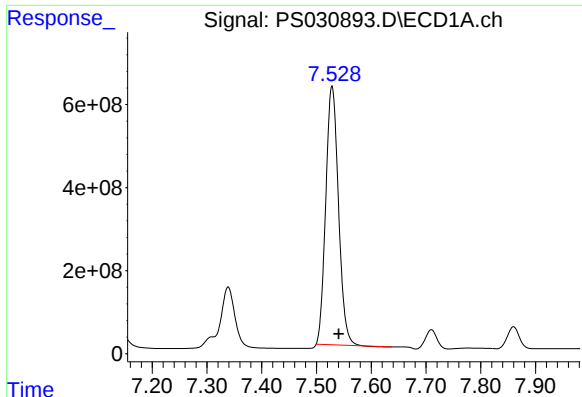
#4 2,4-DCAA

R.T.: 7.338 min
Delta R.T.: -0.011 min
Response: 2615122482
Conc: 711.72 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 732771352
Conc: 683.58 ng/ml



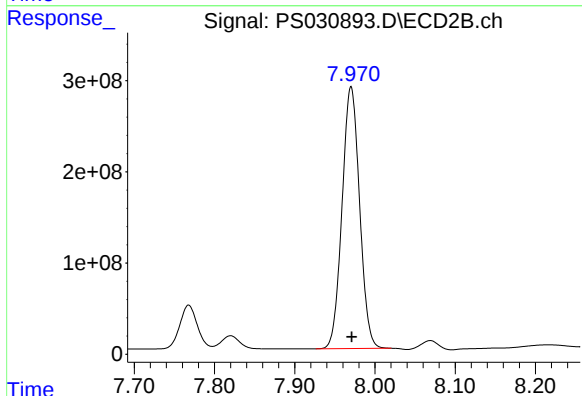
#5 DICAMBA

R.T.: 7.528 min
Delta R.T.: -0.012 min
Response: 10059432138
Conc: 661.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

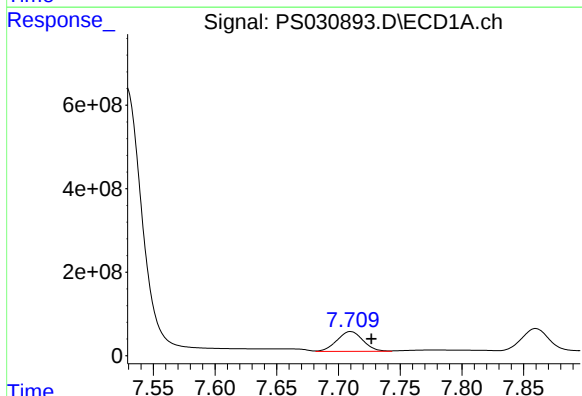
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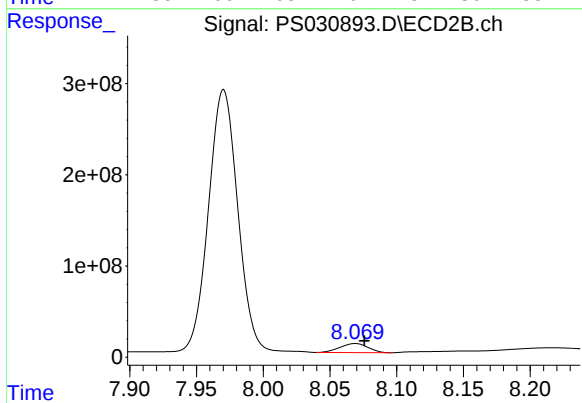
#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 4354327617
Conc: 664.46 ng/ml



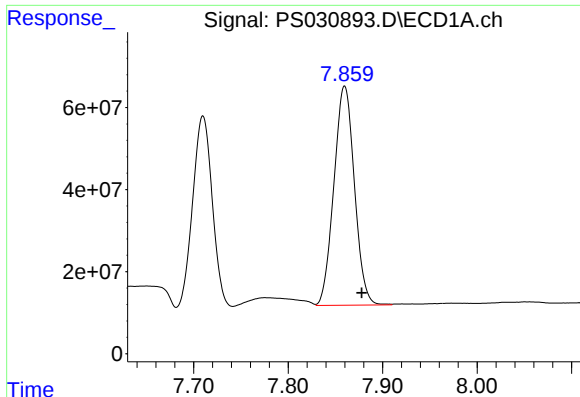
#6 MCP

R.T.: 7.709 min
Delta R.T.: -0.017 min
Response: 699007557
Conc: 74.45 ug/ml m



#6 MCP

R.T.: 8.069 min
Delta R.T.: -0.007 min
Response: 146589354
Conc: 69.89 ug/ml



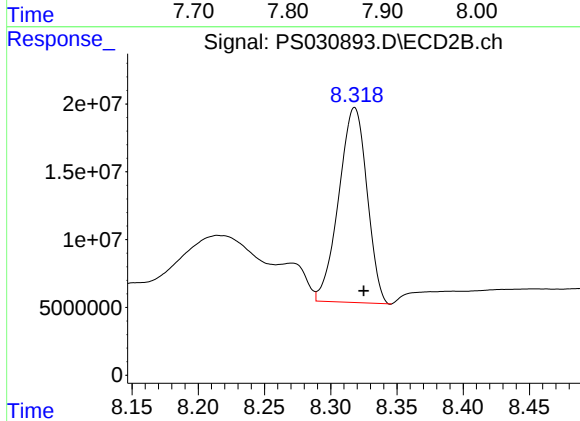
#7 MCPA

R.T.: 7.860 min
Delta R.T.: -0.018 min
Response: 806199406
Conc: 68.73 ug/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

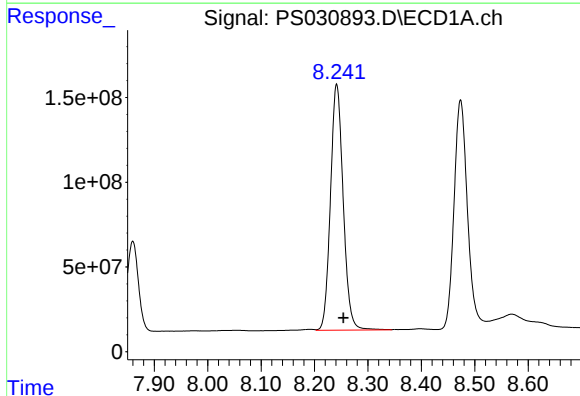
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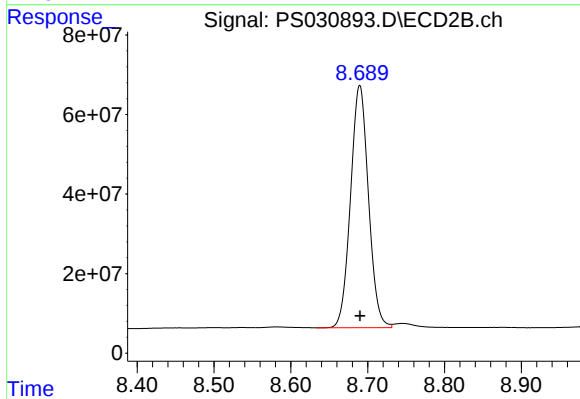
#7 MCPA

R.T.: 8.318 min
Delta R.T.: -0.007 min
Response: 213086105
Conc: 67.74 ug/ml



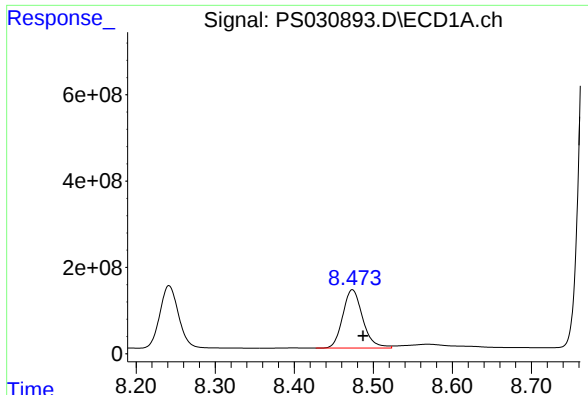
#8 DICHLORPROP

R.T.: 8.242 min
Delta R.T.: -0.013 min
Response: 2402410927
Conc: 641.37 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 987946744
Conc: 628.27 ng/ml



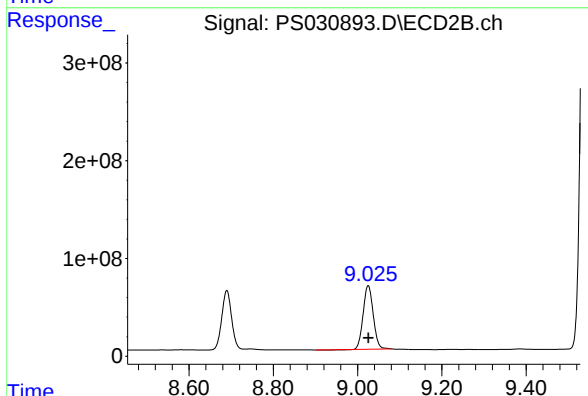
#9 2,4-D

R.T.: 8.473 min
Delta R.T.: -0.013 min
Response: 2371112884
Conc: 688.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

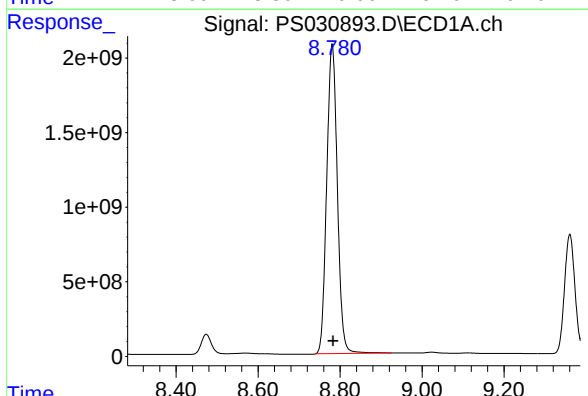
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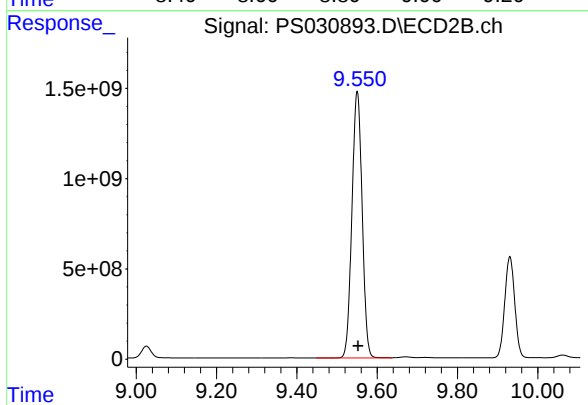
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 1075195289
Conc: 632.69 ng/ml



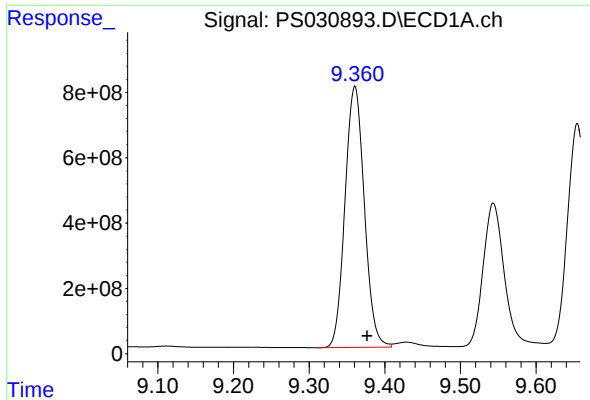
#10 Pentachlorophenol

R.T.: 8.781 min
Delta R.T.: -0.002 min
Response: 37281535455
Conc: 704.42 ng/ml



#10 Pentachlorophenol

R.T.: 9.550 min
Delta R.T.: -0.003 min
Response: 26026575570
Conc: 682.72 ng/ml



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

R.T.: 9.360 min
Delta R.T.: -0.016 min
Response: 14206557694
Conc: 709.25 ng/ml

Instrument :

ECD_S

ClientSampleId :

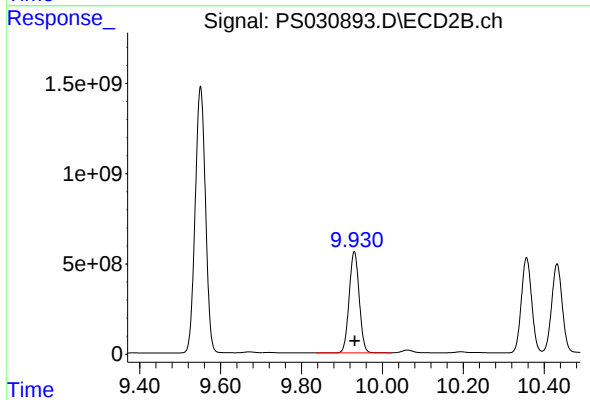
PSTDCCC750

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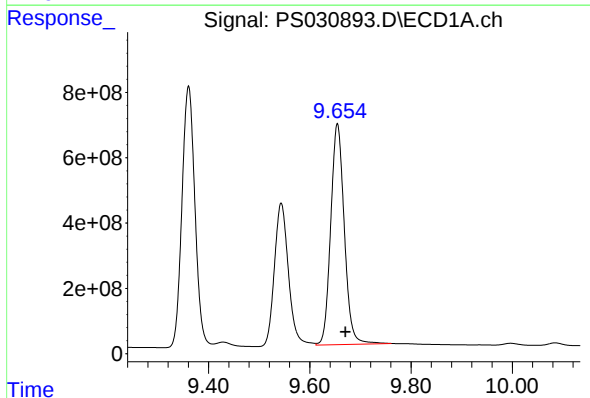
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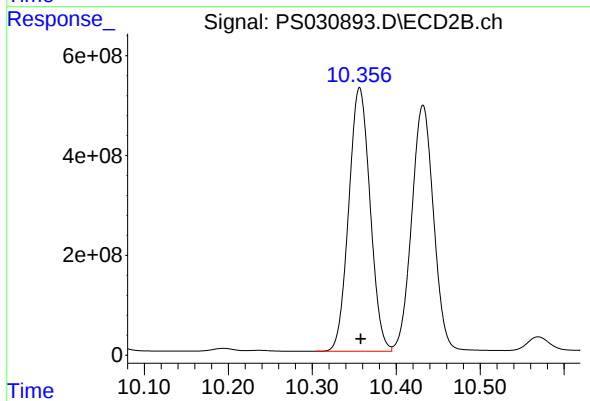
#11 2,4,5-TP (SILVEX)

R.T.: 9.931 min
Delta R.T.: -0.001 min
Response: 9655047354
Conc: 669.16 ng/ml



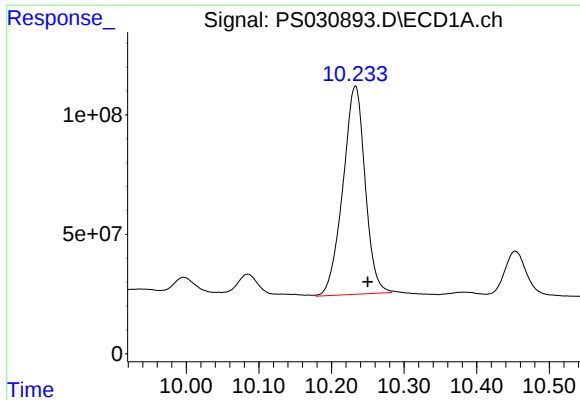
#12 2,4,5-T

R.T.: 9.655 min
Delta R.T.: -0.016 min
Response: 12594488047
Conc: 765.48 ng/ml



#12 2,4,5-T

R.T.: 10.356 min
Delta R.T.: -0.001 min
Response: 9325516671
Conc: 682.46 ng/ml



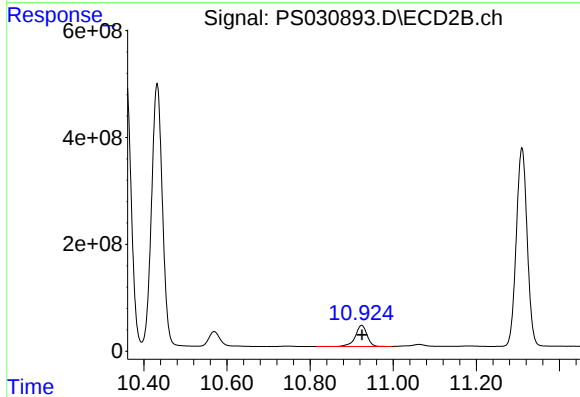
#13 2,4-DB

R.T.: 10.233 min
Delta R.T.: -0.017 min
Response: 1852697866
Conc: 807.80 ng/ml

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ECD_S
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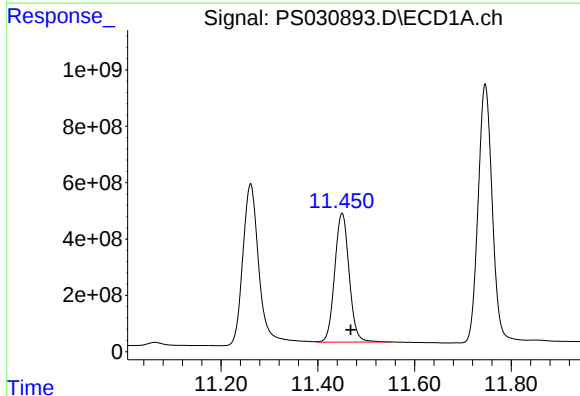
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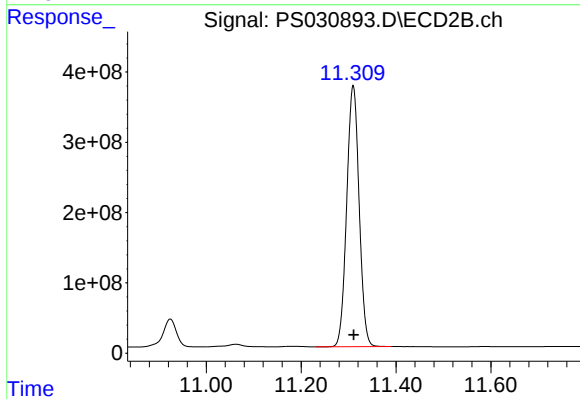
#13 2,4-DB

R.T.: 10.924 min
Delta R.T.: -0.001 min
Response: 772544567
Conc: 653.09 ng/ml



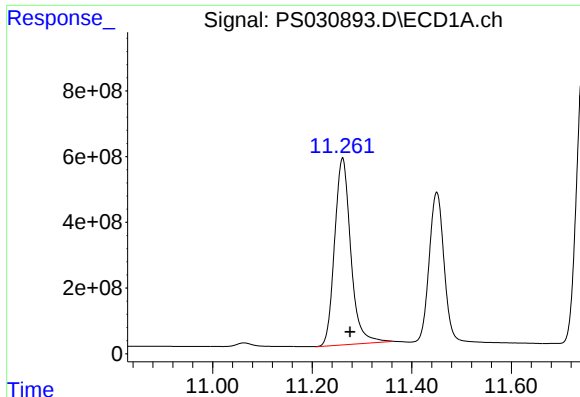
#14 DINOSEB

R.T.: 11.450 min
Delta R.T.: -0.019 min
Response: 9484267406
Conc: 683.64 ng/ml m



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: -0.001 min
Response: 6744191988
Conc: 625.55 ng/ml



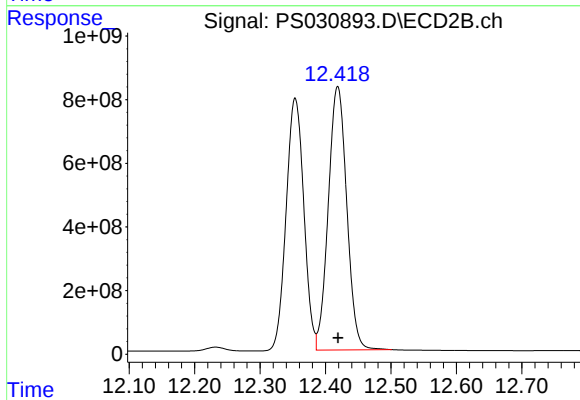
#15 Picloram

R.T.: 11.261 min
Delta R.T.: -0.016 min
Response: 12824153892
Conc: 797.72 ng/ml

Instrument :
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PSTDCCC750

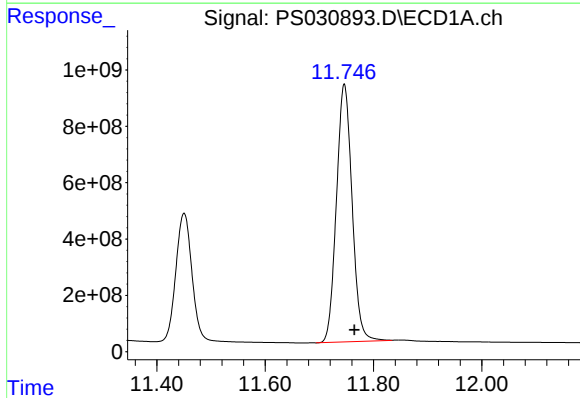
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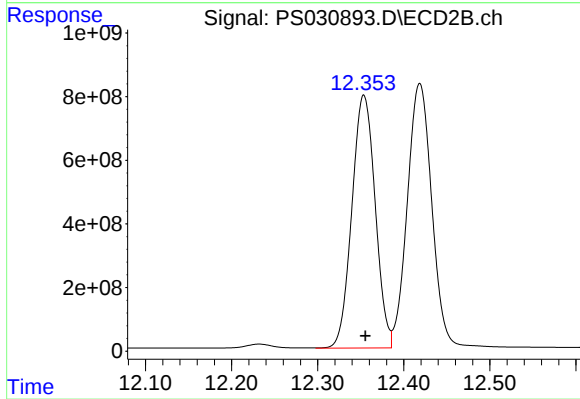
#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 16245613649
Conc: 698.99 ng/ml



#16 DCPA

R.T.: 11.746 min
Delta R.T.: -0.019 min
Response: 18359175476
Conc: 716.70 ng/ml m



#16 DCPA

R.T.: 12.353 min
Delta R.T.: -0.003 min
Response: 14950527564
Conc: 678.25 ng/ml m