

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090525\
 Data File : PS031637.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Sep 2025 10:35
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/08/2025
 Supervised By :mohammad ahmed 09/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 23:29:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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	7.285	7.742	2449.3E6	607.5E6	771.673m	718.622
Target Compounds							
1) T	Dalapon	2.670	2.693	3392.4E6	1639.8E6	646.306	616.238
2) T	3,5-DICHL...	6.453	6.695	3582.4E6	979.9E6	759.256	724.800
3) T	4-Nitroph...	7.097	7.295	748.0E6	719.5E6	725.052	572.456
5) T	DICAMBA	7.469	7.938	10631.9E6	4176.9E6	761.243	735.026
6) T	MCPD	7.647	8.034	644.6E6	131.1E6	80.120m	74.170m
7) T	MCPA	7.796	8.282	739.7E6	182.8E6	74.262	65.150
8) T	DICHLORPROP	8.177	8.657	2379.5E6	947.1E6	750.052	709.424
9) T	2,4-D	8.413	9.000	2127.7E6	1049.3E6	739.588m	735.187m
10) T	Pentachlo...	8.708	9.507	38931.1E6	26981.1E6	810.855	774.687
11) T	2,4,5-TP ...	9.286	9.892	14340.0E6	9775.5E6	800.055	745.307
12) T	2,4,5-T	9.583	10.321	11821.2E6	8318.1E6	806.841	702.553
13) T	2,4-DB	10.159	10.891	1256.6E6	553.1E6	653.905m	573.204m
14) T	DINOSEB	11.356	11.265	10008.8E6	7120.9E6	789.429	752.976
15) T	Picloram	11.189	12.391	8068.6E6	10167.1E6	618.086m	579.993m
16) T	DCPA	11.654	12.305	18660.4E6	15645.3E6	819.183m	794.163m

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

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Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

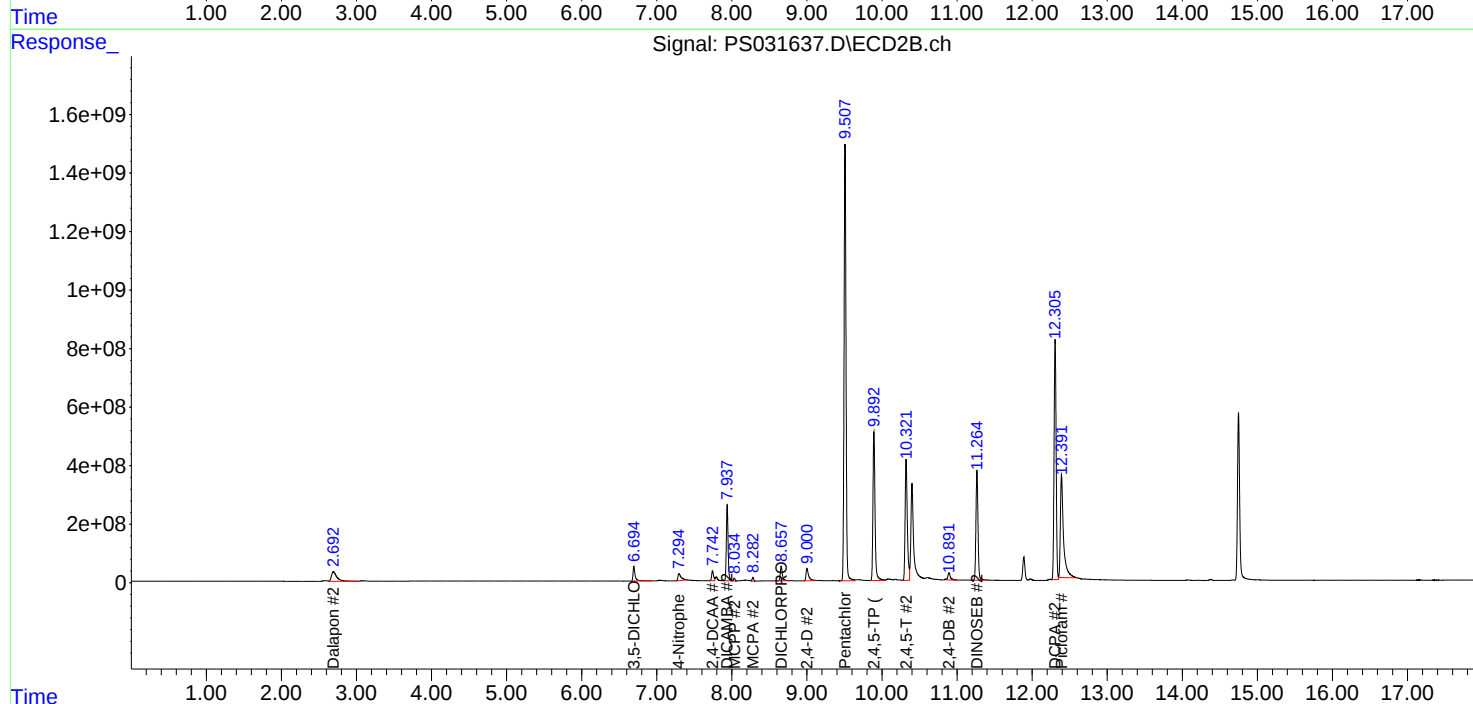
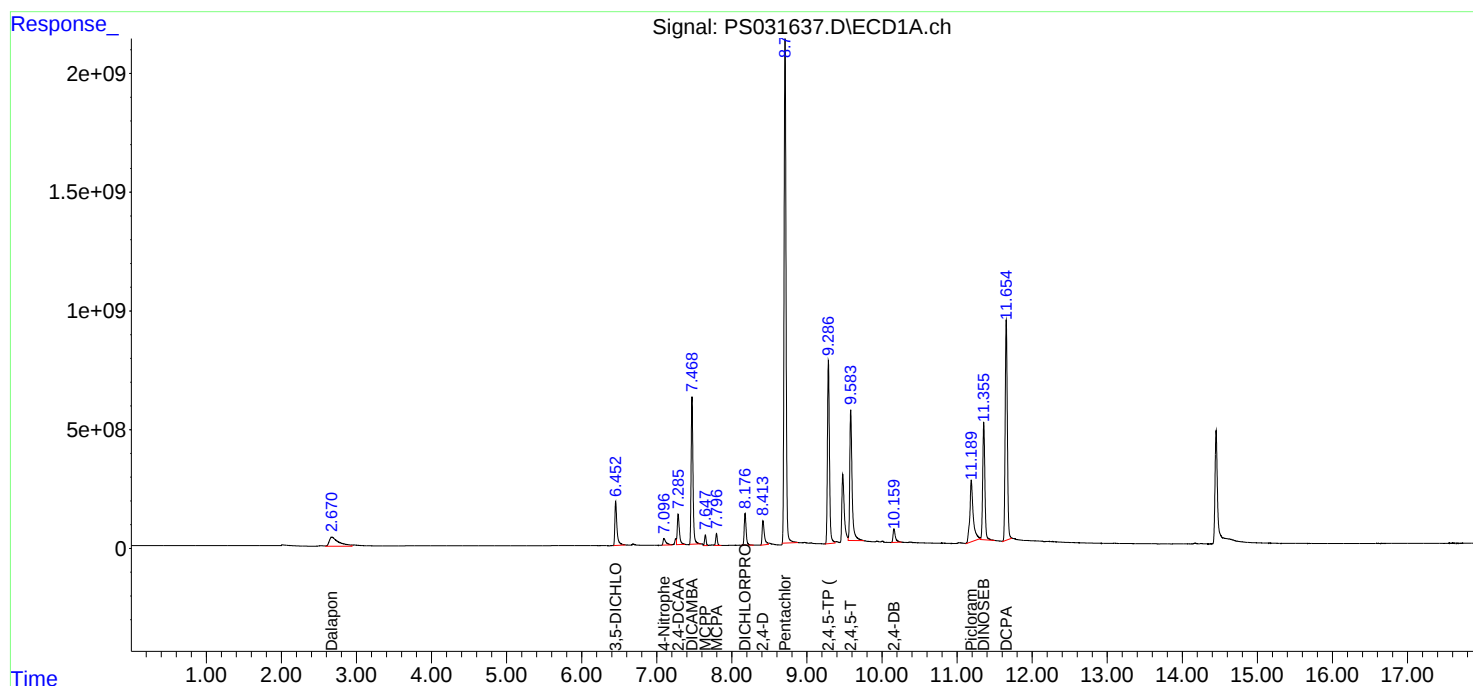
Instrument :
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ClientSampleId :
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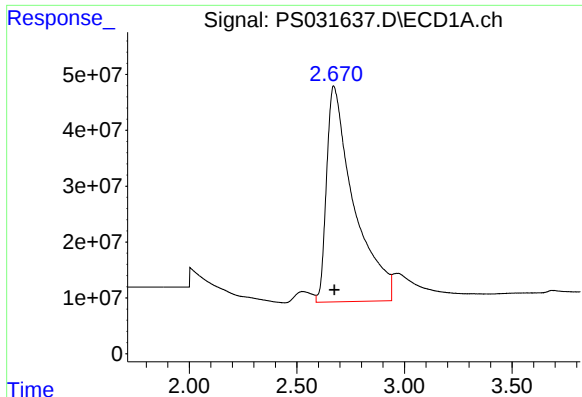
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Integration File signal 1: autoint1.e
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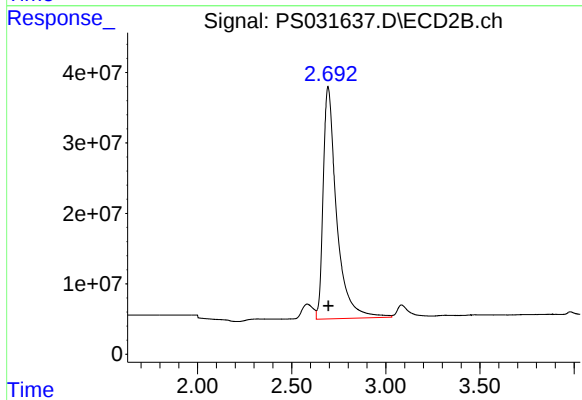
#1 Dalapon

R.T.: 2.670 min
Delta R.T.: -0.004 min
Response: 3392419326
Conc: 646.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

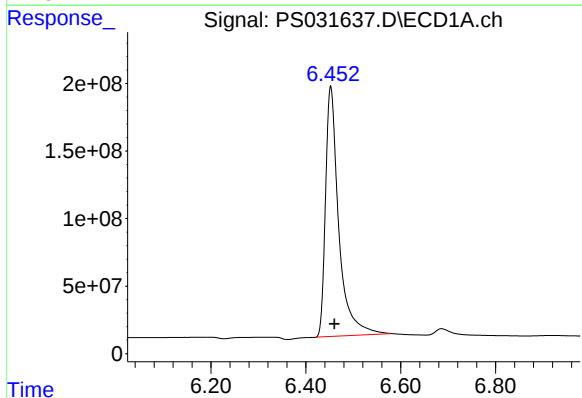
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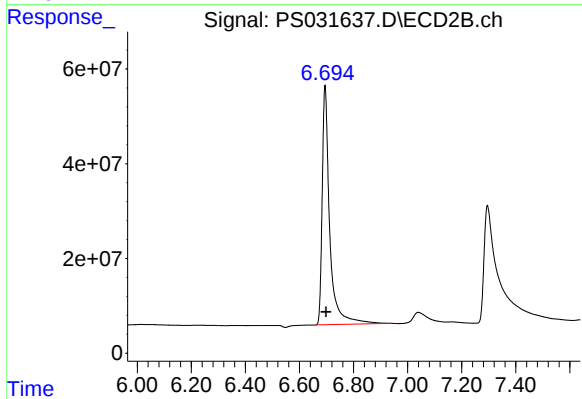
#1 Dalapon

R.T.: 2.693 min
Delta R.T.: -0.002 min
Response: 1639815455
Conc: 616.24 ng/ml



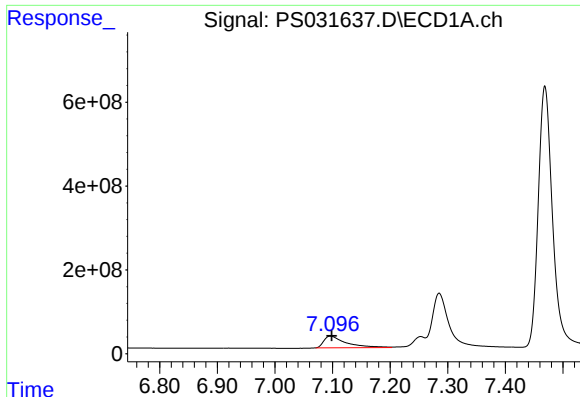
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: -0.008 min
Response: 3582408702
Conc: 759.26 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.695 min
Delta R.T.: -0.004 min
Response: 979877978
Conc: 724.80 ng/ml



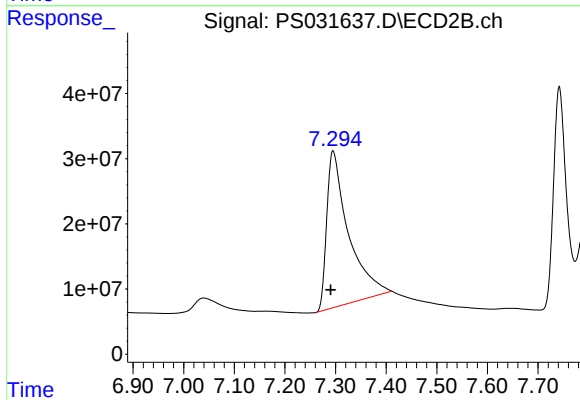
#3 4-Nitrophenol

R.T.: 7.097 min
Delta R.T.: -0.002 min
Response: 748021077
Conc: 725.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

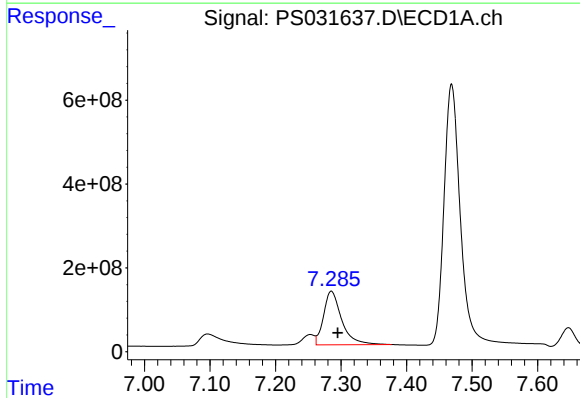
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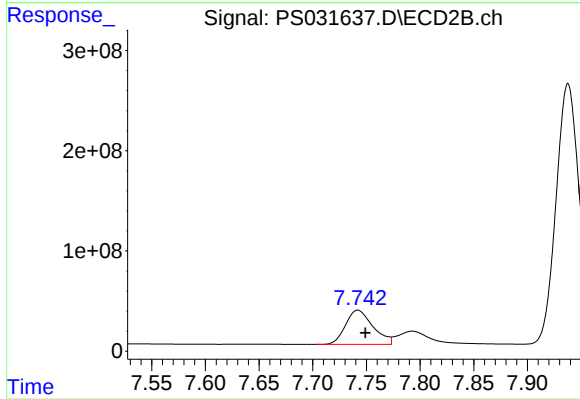
#3 4-Nitrophenol

R.T.: 7.295 min
Delta R.T.: 0.005 min
Response: 719514559
Conc: 572.46 ng/ml



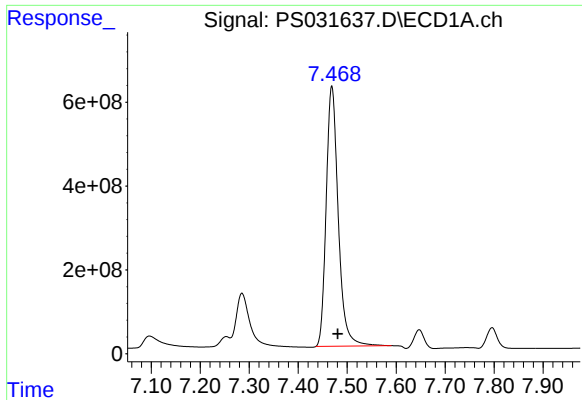
#4 2,4-DCAA

R.T.: 7.285 min
Delta R.T.: -0.010 min
Response: 2449281495
Conc: 771.67 ng/ml m



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: -0.007 min
Response: 607479847
Conc: 718.62 ng/ml



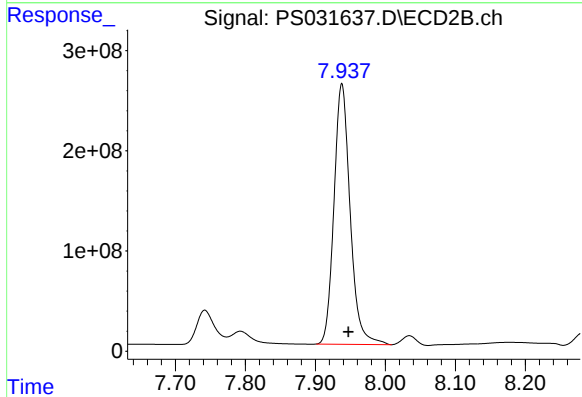
#5 DICAMBA

R.T.: 7.469 min
Delta R.T.: -0.012 min
Response: 10631871974
Conc: 761.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

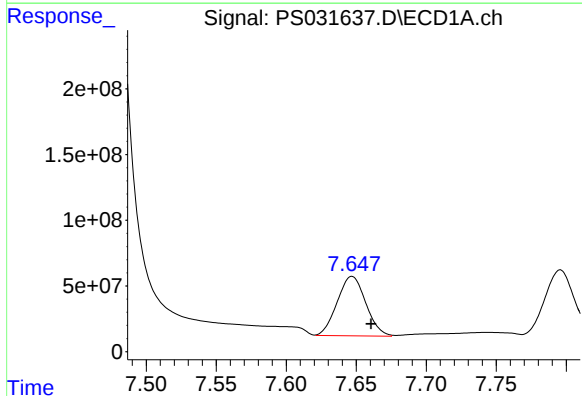
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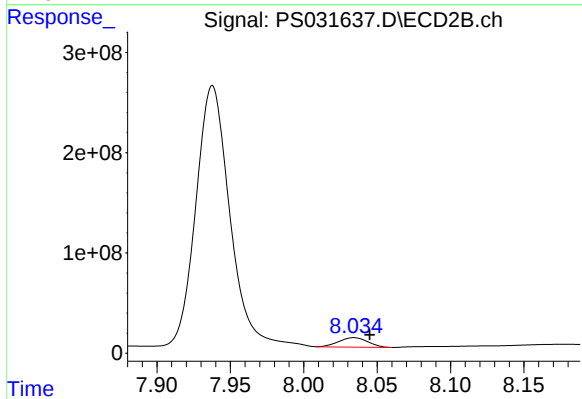
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: -0.010 min
Response: 4176925536
Conc: 735.03 ng/ml



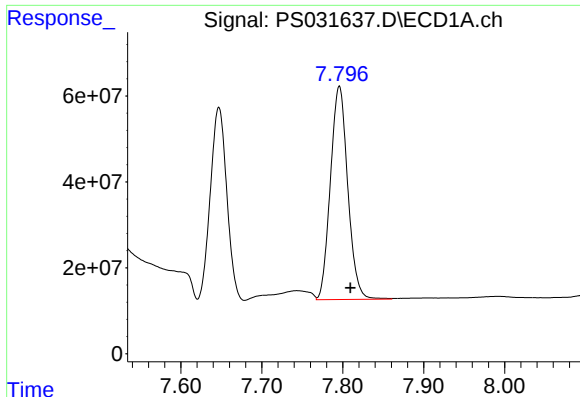
#6 MCP

R.T.: 7.647 min
Delta R.T.: -0.014 min
Response: 644557896
Conc: 80.12 ug/ml m



#6 MCP

R.T.: 8.034 min
Delta R.T.: -0.011 min
Response: 131119790
Conc: 74.17 ug/ml m



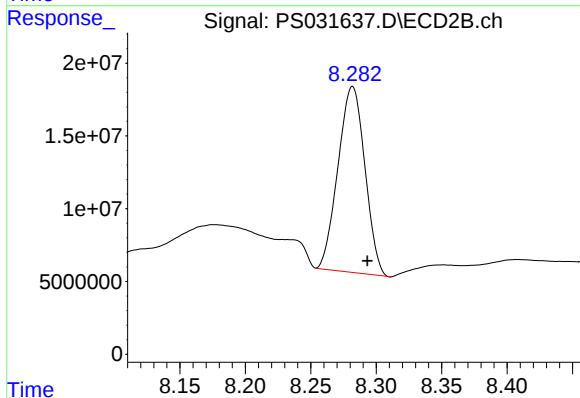
#7 MCPA

R.T.: 7.796 min
Delta R.T.: -0.014 min
Response: 739744816
Conc: 74.26 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

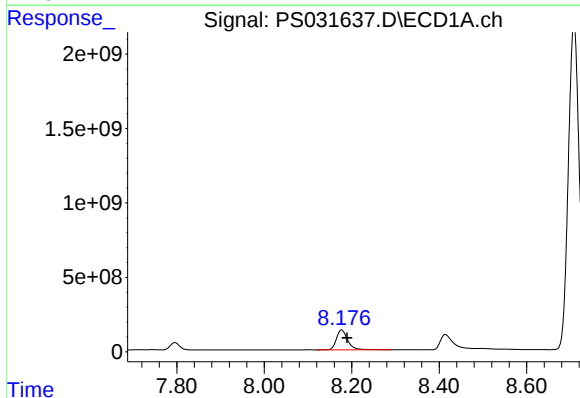
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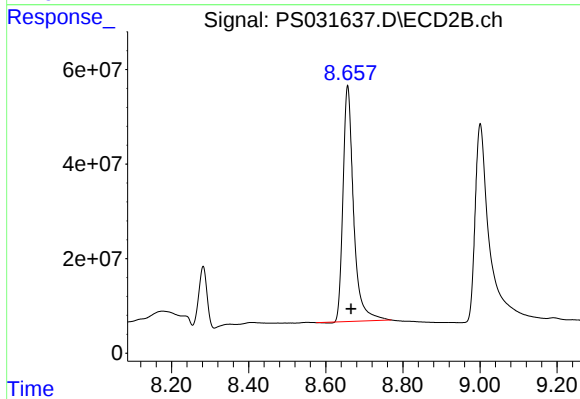
#7 MCPA

R.T.: 8.282 min
Delta R.T.: -0.011 min
Response: 182777546
Conc: 65.15 ug/ml



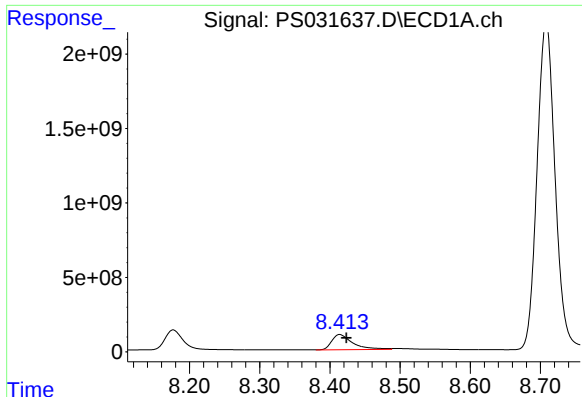
#8 DICHLORPROP

R.T.: 8.177 min
Delta R.T.: -0.013 min
Response: 2379488546
Conc: 750.05 ng/ml



#8 DICHLORPROP

R.T.: 8.657 min
Delta R.T.: -0.009 min
Response: 947103930
Conc: 709.42 ng/ml



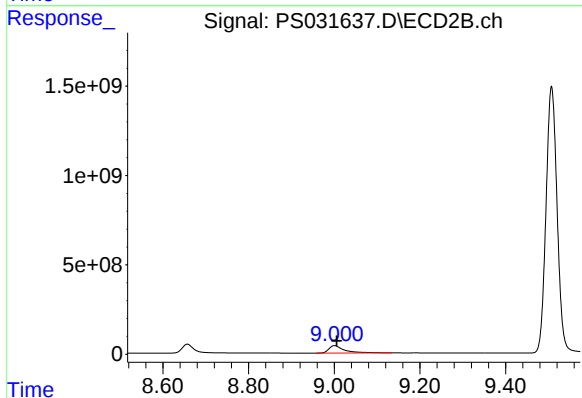
#9 2,4-D

R.T.: 8.413 min
Delta R.T.: -0.010 min
Response: 2127659054
Conc: 739.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

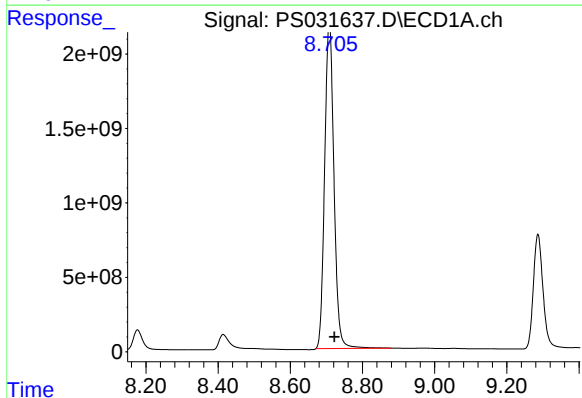
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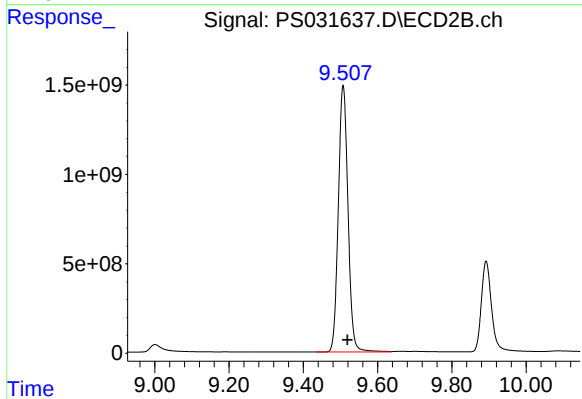
#9 2,4-D

R.T.: 9.000 min
Delta R.T.: -0.006 min
Response: 1049322551
Conc: 735.19 ng/ml m



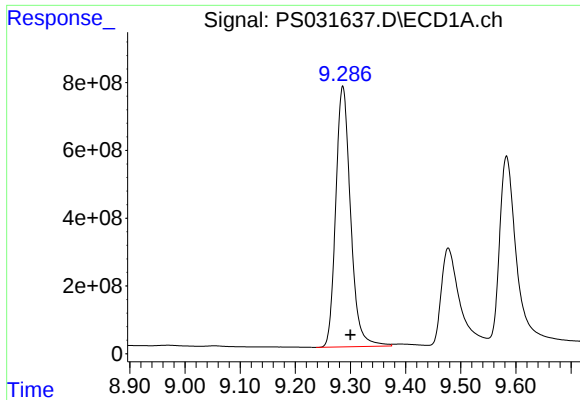
#10 Pentachlorophenol

R.T.: 8.708 min
Delta R.T.: -0.014 min
Response: 38931099957
Conc: 810.85 ng/ml



#10 Pentachlorophenol

R.T.: 9.507 min
Delta R.T.: -0.011 min
Response: 26981114865
Conc: 774.69 ng/ml



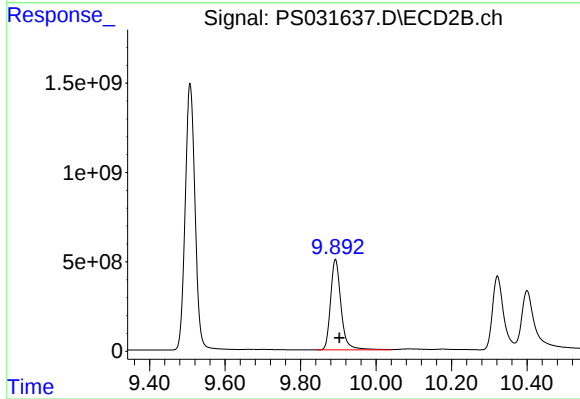
#11 2,4,5-TP (SILVEX)

R.T.: 9.286 min
Delta R.T.: -0.014 min
Response: 14339954836
Conc: 800.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

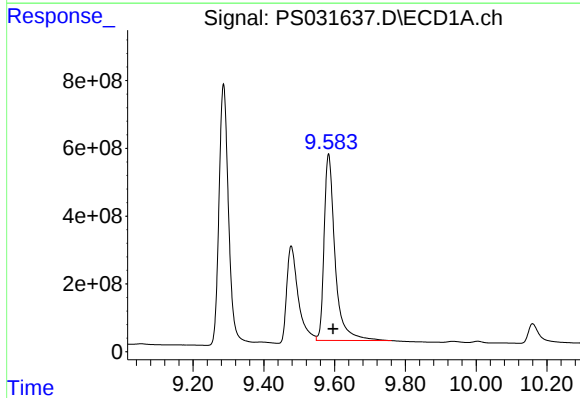
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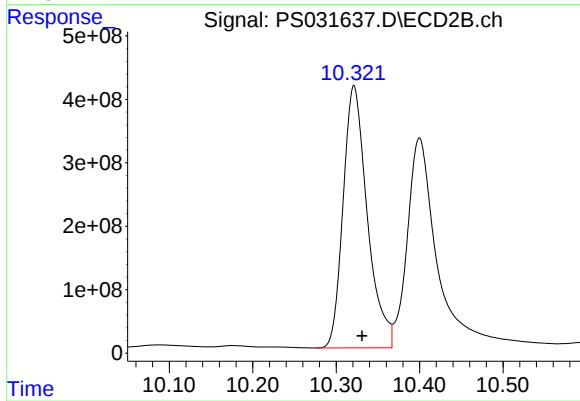
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: -0.011 min
Response: 9775467795
Conc: 745.31 ng/ml



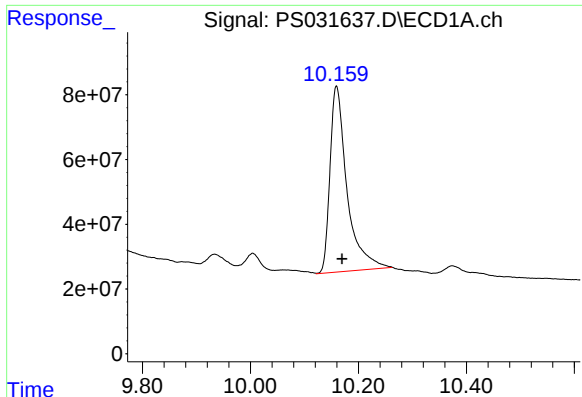
#12 2,4,5-T

R.T.: 9.583 min
Delta R.T.: -0.012 min
Response: 11821217796
Conc: 806.84 ng/ml



#12 2,4,5-T

R.T.: 10.321 min
Delta R.T.: -0.010 min
Response: 8318064187
Conc: 702.55 ng/ml



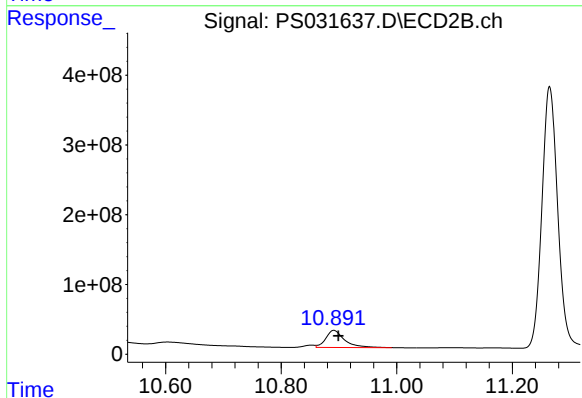
#13 2,4-DB

R.T.: 10.159 min
Delta R.T.: -0.011 min
Response: 1256623623
Conc: 653.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
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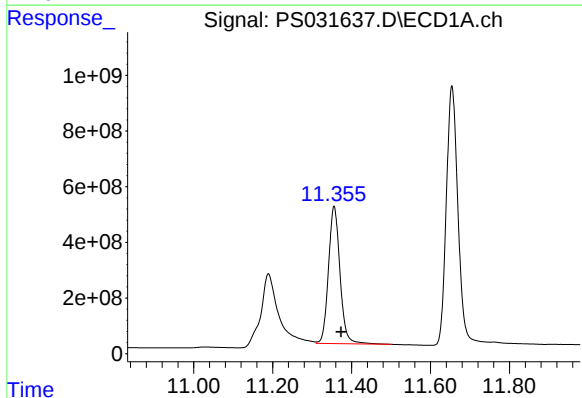
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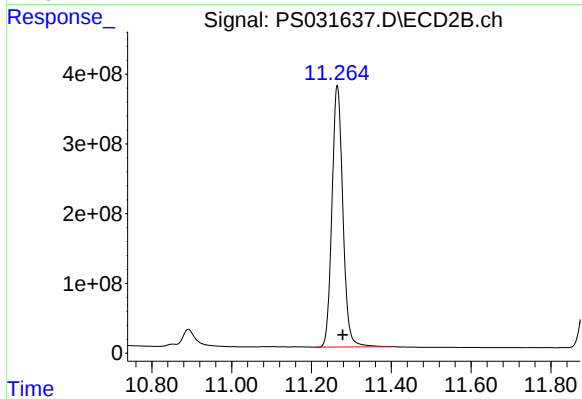
#13 2,4-DB

R.T.: 10.891 min
Delta R.T.: -0.009 min
Response: 553053771
Conc: 573.20 ng/ml m



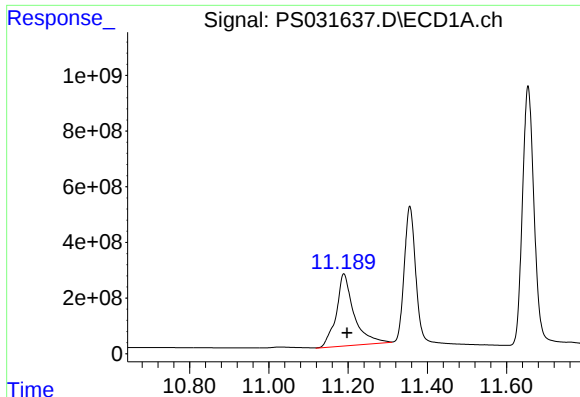
#14 DINOSEB

R.T.: 11.356 min
Delta R.T.: -0.018 min
Response: 10008753976
Conc: 789.43 ng/ml



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: -0.014 min
Response: 7120859528
Conc: 752.98 ng/ml



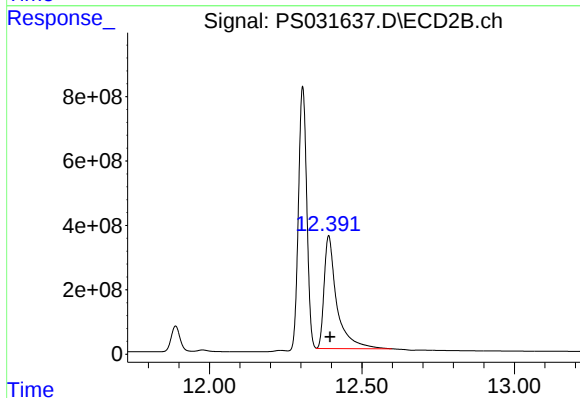
#15 Picloram

R.T.: 11.189 min
Delta R.T.: -0.008 min
Response: 8068584098
Conc: 618.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

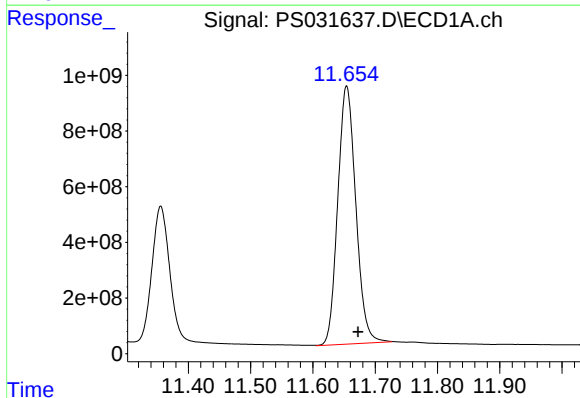
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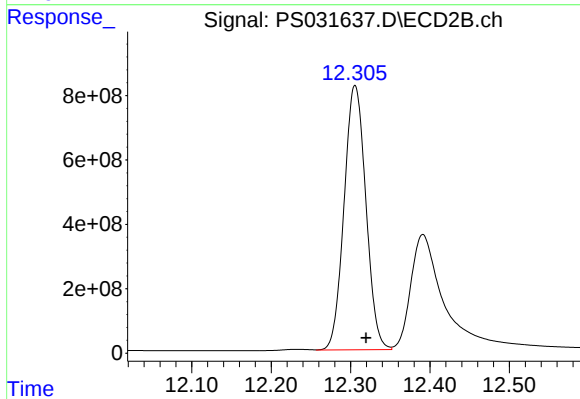
#15 Picloram

R.T.: 12.391 min
Delta R.T.: -0.005 min
Response: 10167122930
Conc: 579.99 ng/ml m



#16 DCPA

R.T.: 11.654 min
Delta R.T.: -0.019 min
Response: 18660431967
Conc: 819.18 ng/ml m



#16 DCPA

R.T.: 12.305 min
Delta R.T.: -0.015 min
Response: 15645320032
Conc: 794.16 ng/ml m