

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072325\
 Data File : PS031180.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jul 2025 09:50
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/24/2025
 Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 01:14:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 03:18:42 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	7.321	7.765	3368.6E6	765.8E6	774.701m	754.525
Target Compounds							
1) T	Dalapon	2.687	2.703	4207.3E6	1874.4E6	670.714	660.750
2) T	3,5-DICHL...	6.484	6.712	3952.5E6	1073.7E6	715.667	697.226
3) T	4-Nitroph...	7.122	7.298	1247.7E6	1263.8E6	756.720	698.473
5) T	DICAMBA	7.511	7.966	12105.2E6	4687.8E6	733.785	726.410
6) T	MCPD	7.692	8.065	767.4E6	153.3E6	76.665	73.762
7) T	MCPA	7.843	8.314	944.7E6	229.6E6	75.487	72.758
8) T	DICHLORPROP	8.222	8.685	2741.7E6	1070.0E6	717.361	706.363
9) T	2,4-D	8.453	9.022	2797.2E6	1204.9E6	748.945	709.489
10) T	Pentachlo...	8.762	9.545	42413.9E6	29362.7E6	776.505	751.325
11) T	2,4,5-TP ...	9.338	9.926	16434.3E6	10865.9E6	748.594	729.537
12) T	2,4,5-T	9.632	10.353	15267.8E6	10365.3E6	781.851	728.954
13) T	2,4-DB	10.209	10.920	2386.8E6	852.2E6	798.303	728.094
14) T	DINOSEB	11.423	11.305	11518.6E6	8179.0E6	739.819	723.669
15) T	Picloram	11.234	12.415	16216.3E6	18579.8E6	810.549	746.326
16) T	DCPA	11.720	12.349	21609.6E6	17155.7E6	753.119	744.731

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

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Data File : PS031180.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 09:50
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

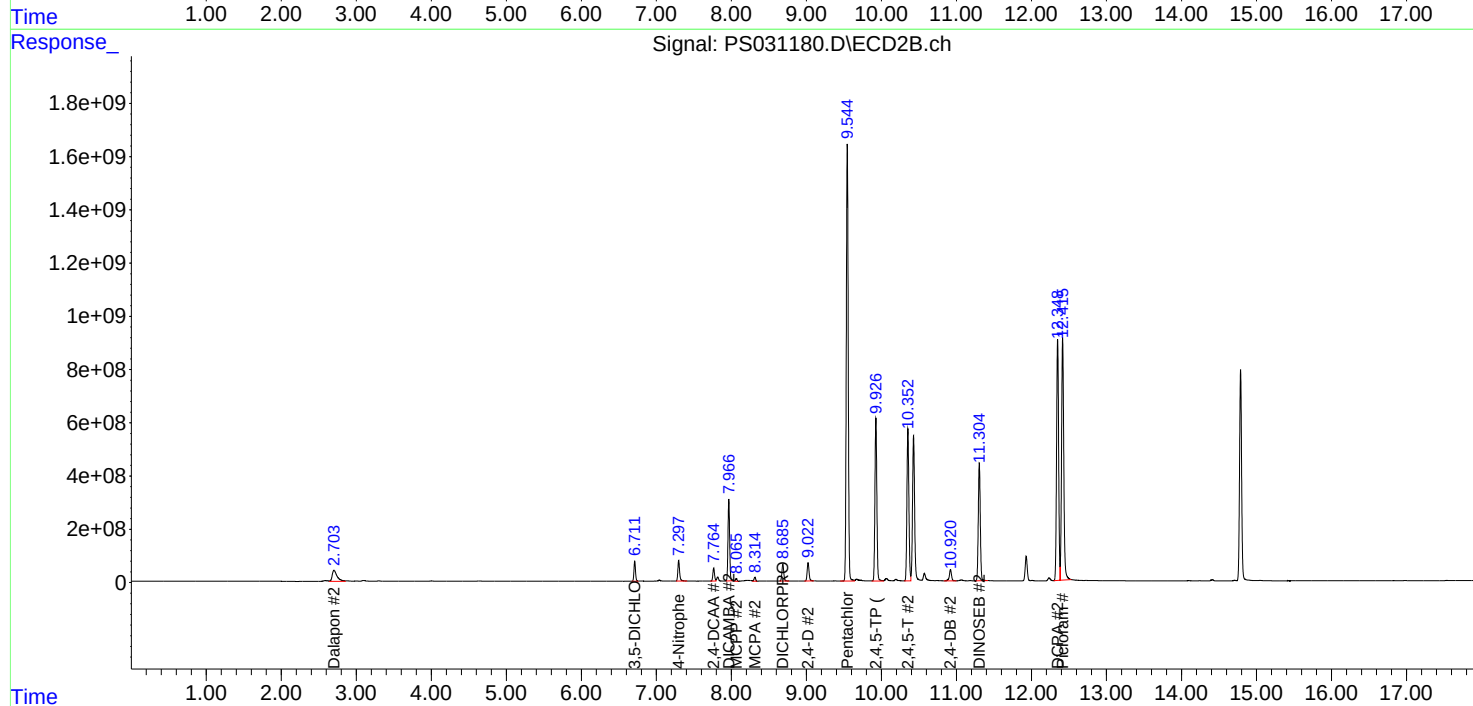
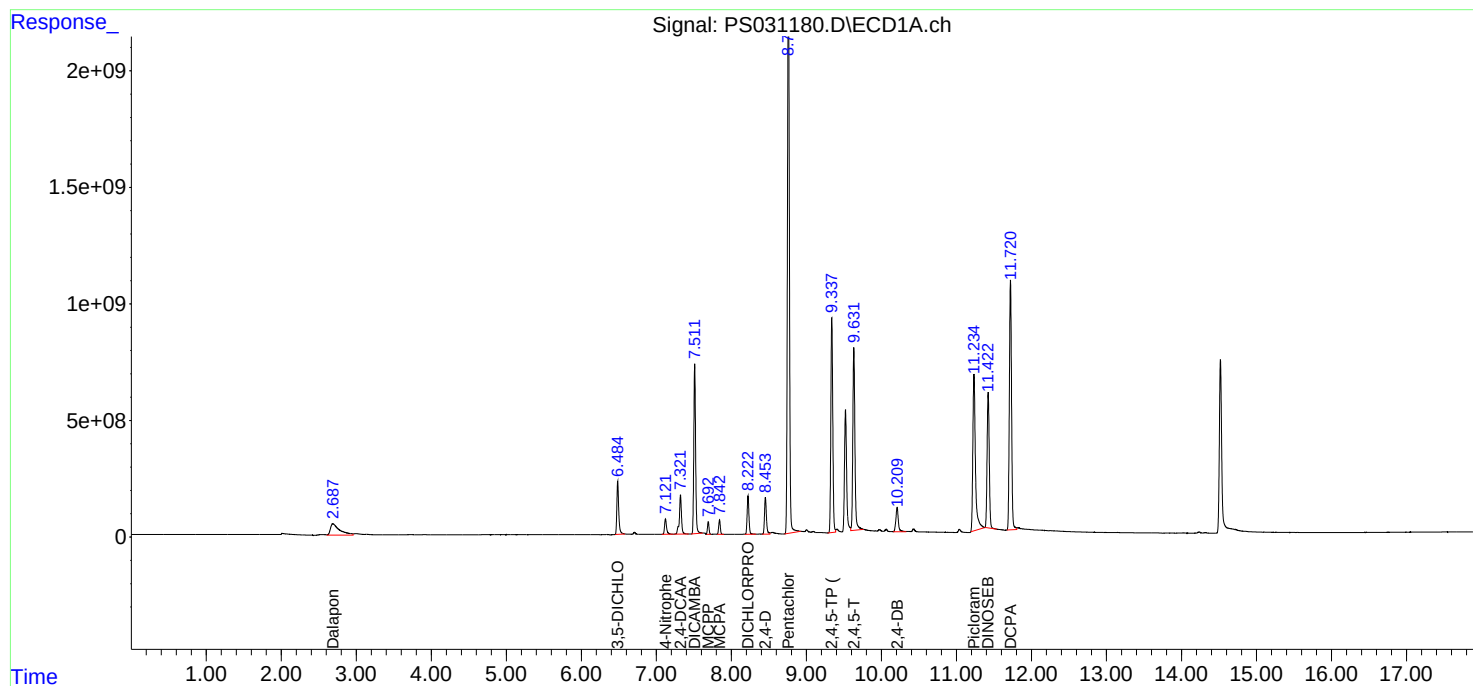
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

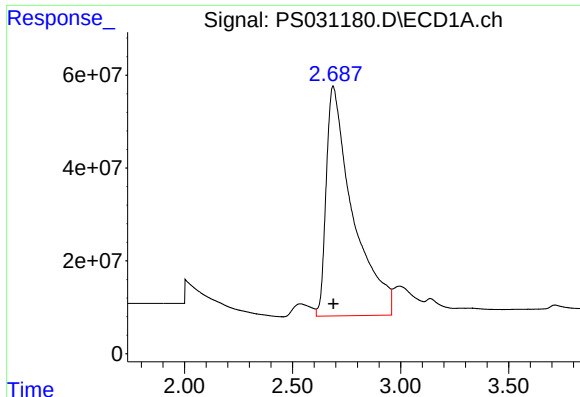
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
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QLast Update : Tue Jul 22 03:18:42 2025
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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





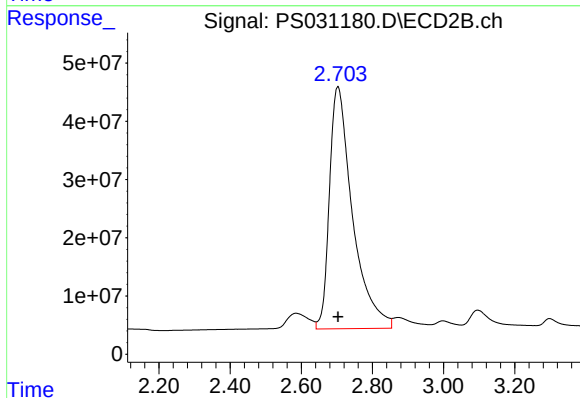
#1 Dalapon

R.T.: 2.687 min
Delta R.T.: -0.003 min
Response: 4207326457
Conc: 670.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

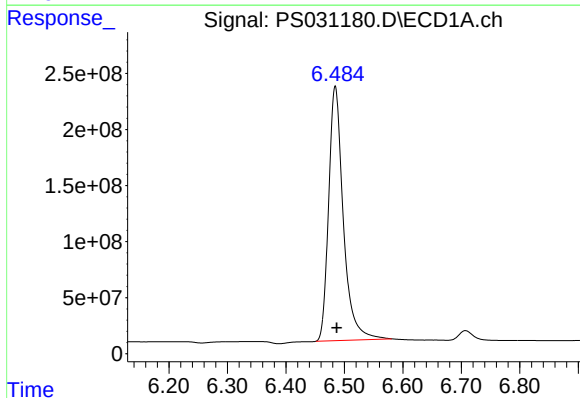
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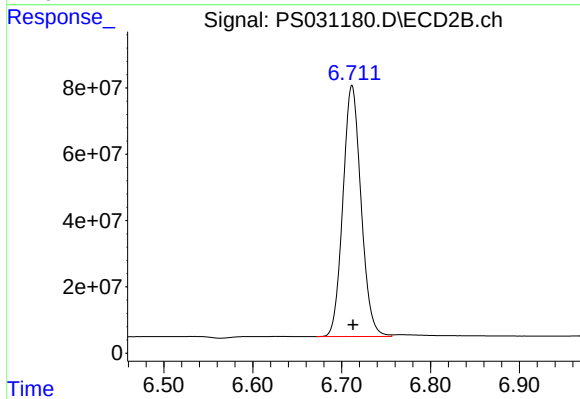
#1 Dalapon

R.T.: 2.703 min
Delta R.T.: 0.000 min
Response: 1874376701
Conc: 660.75 ng/ml



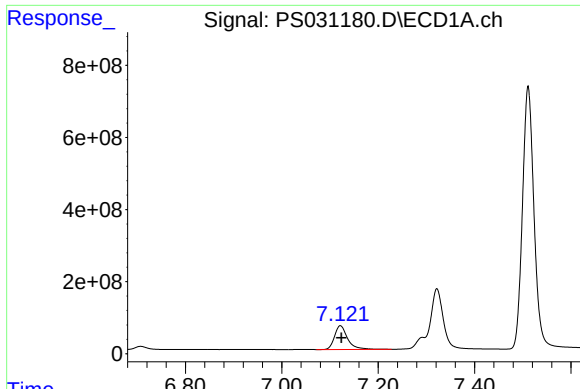
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 3952450159
Conc: 715.67 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.712 min
Delta R.T.: -0.001 min
Response: 1073654055
Conc: 697.23 ng/ml



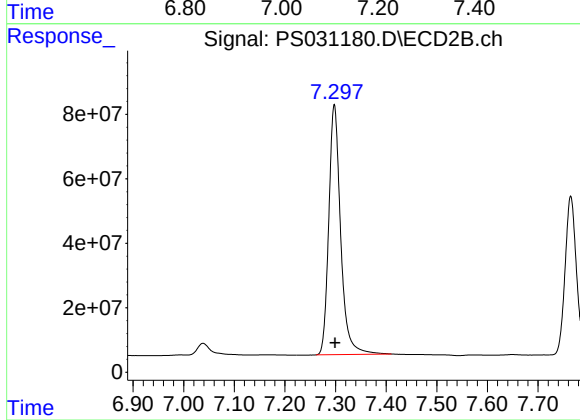
#3 4-Nitrophenol

R.T.: 7.122 min
Delta R.T.: -0.002 min
Response: 1247668660
Conc: 756.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

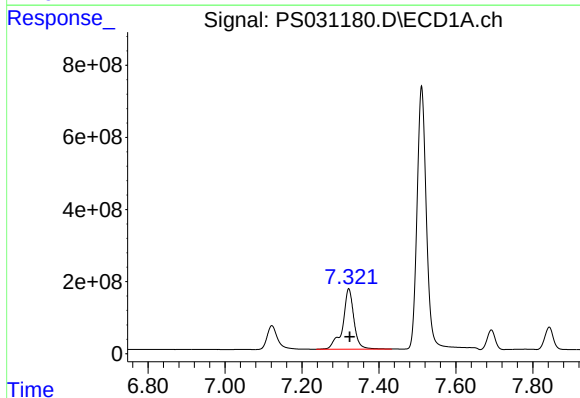
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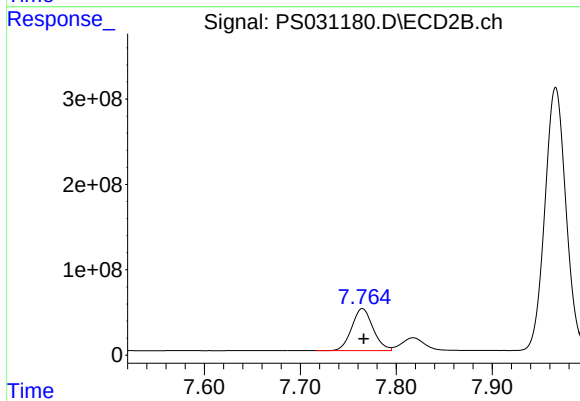
#3 4-Nitrophenol

R.T.: 7.298 min
Delta R.T.: -0.001 min
Response: 1263758471
Conc: 698.47 ng/ml



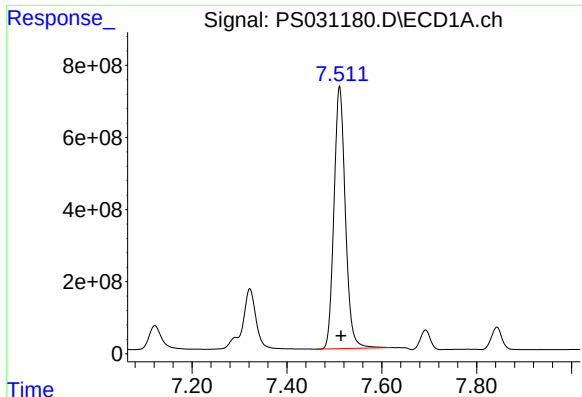
#4 2,4-DCAA

R.T.: 7.321 min
Delta R.T.: -0.003 min
Response: 3368598214
Conc: 774.70 ng/ml m



#4 2,4-DCAA

R.T.: 7.765 min
Delta R.T.: -0.001 min
Response: 765819028
Conc: 754.53 ng/ml



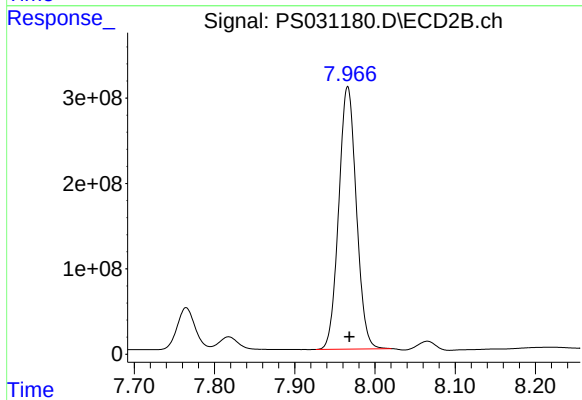
#5 DICAMBA

R.T.: 7.511 min
Delta R.T.: -0.003 min
Response: 12105226730
Conc: 733.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

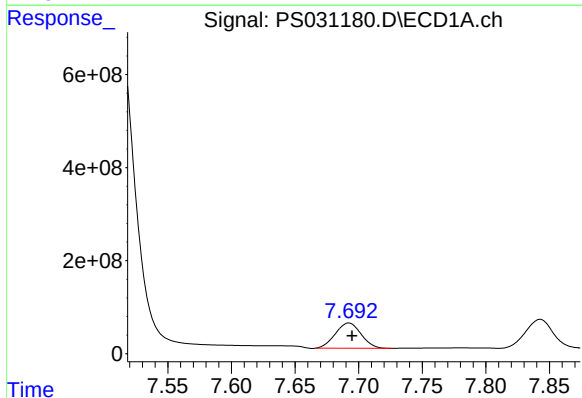
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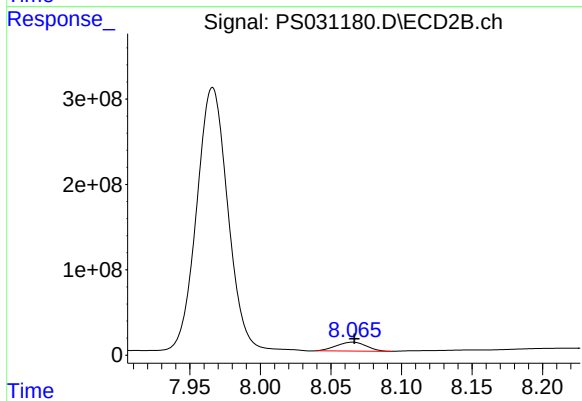
#5 DICAMBA

R.T.: 7.966 min
Delta R.T.: -0.002 min
Response: 4687789874
Conc: 726.41 ng/ml



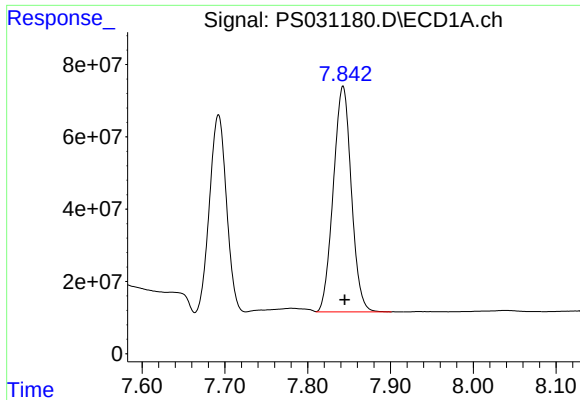
#6 MCP

R.T.: 7.692 min
Delta R.T.: -0.003 min
Response: 767417710
Conc: 76.66 ug/ml



#6 MCP

R.T.: 8.065 min
Delta R.T.: -0.001 min
Response: 153262654
Conc: 73.76 ug/ml



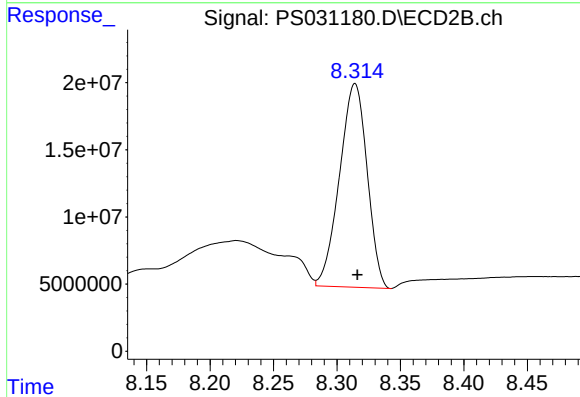
#7 MCPA

R.T.: 7.843 min
Delta R.T.: -0.002 min
Response: 944660895
Conc: 75.49 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

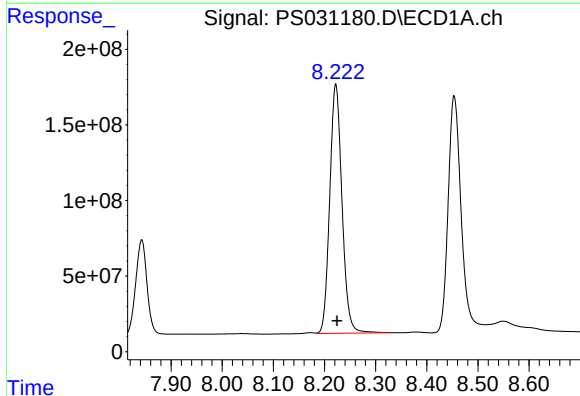
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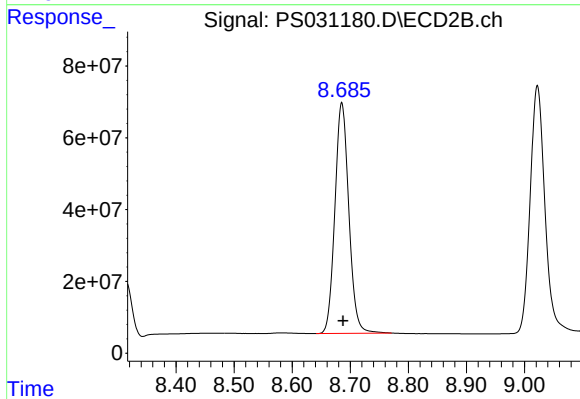
#7 MCPA

R.T.: 8.314 min
Delta R.T.: -0.002 min
Response: 229567106
Conc: 72.76 ug/ml



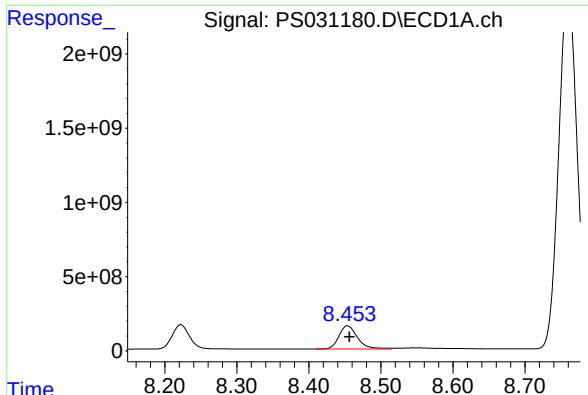
#8 DICHLORPROP

R.T.: 8.222 min
Delta R.T.: -0.002 min
Response: 2741720548
Conc: 717.36 ng/ml



#8 DICHLORPROP

R.T.: 8.685 min
Delta R.T.: -0.002 min
Response: 1070041462
Conc: 706.36 ng/ml



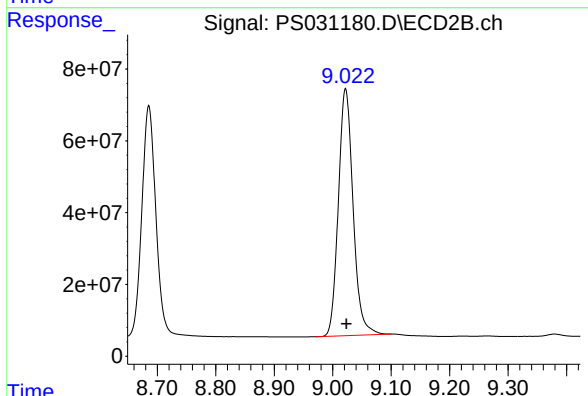
#9 2,4-D

R.T.: 8.453 min
Delta R.T.: -0.003 min
Response: 2797245203
Conc: 748.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

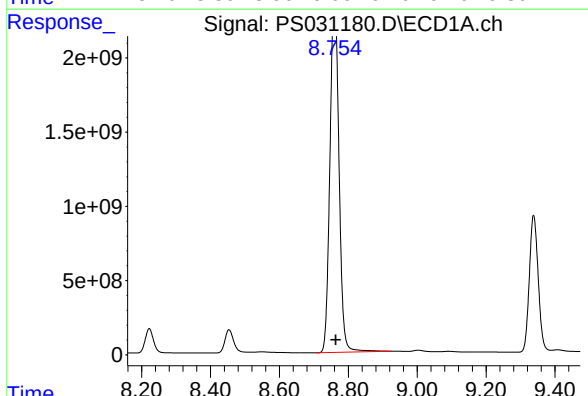
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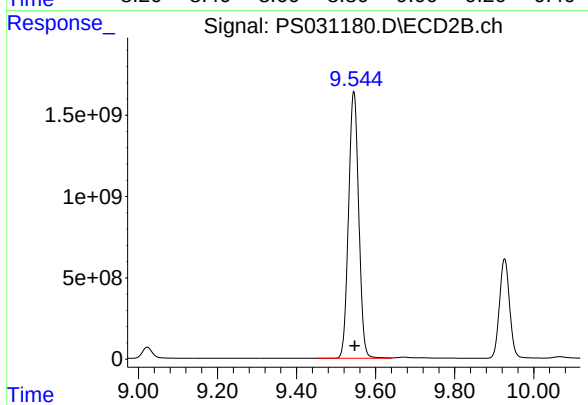
#9 2,4-D

R.T.: 9.022 min
Delta R.T.: -0.002 min
Response: 1204939145
Conc: 709.49 ng/ml



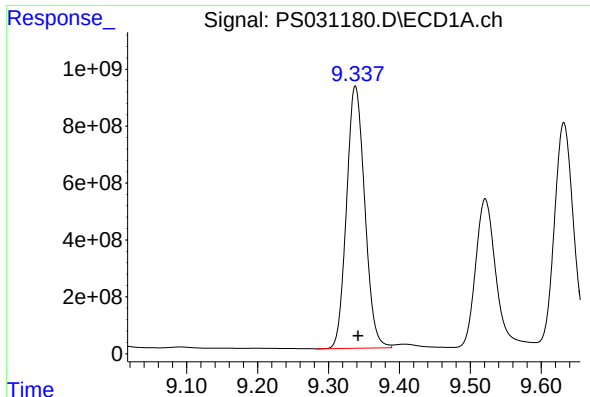
#10 Pentachlorophenol

R.T.: 8.762 min
Delta R.T.: -0.002 min
Response: 42413884133
Conc: 776.50 ng/ml



#10 Pentachlorophenol

R.T.: 9.545 min
Delta R.T.: -0.002 min
Response: 29362681559
Conc: 751.32 ng/ml



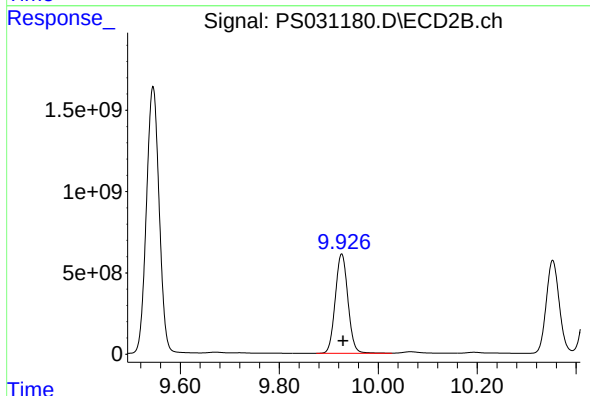
#11 2,4,5-TP (SILVEX)

R.T.: 9.338 min
Delta R.T.: -0.004 min
Response: 16434315198
Conc: 748.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

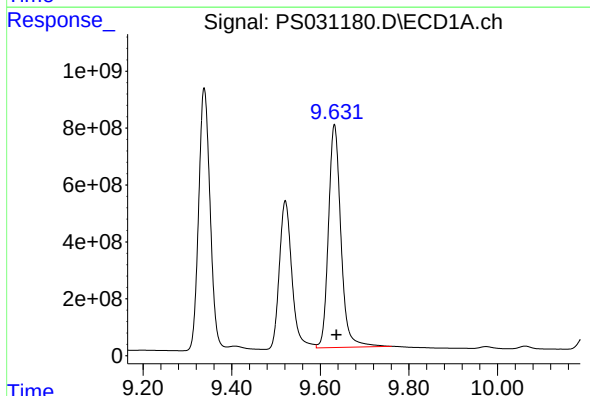
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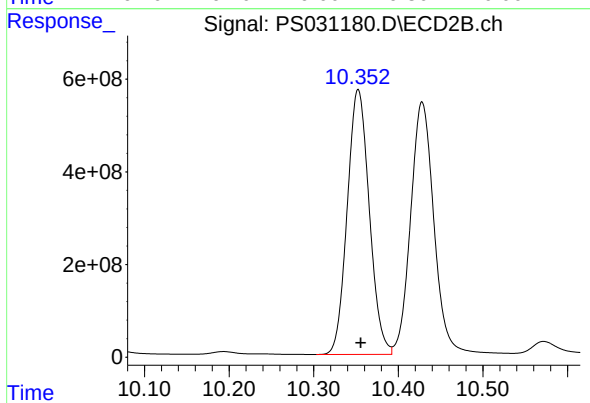
#11 2,4,5-TP (SILVEX)

R.T.: 9.926 min
Delta R.T.: -0.003 min
Response: 10865863483
Conc: 729.54 ng/ml



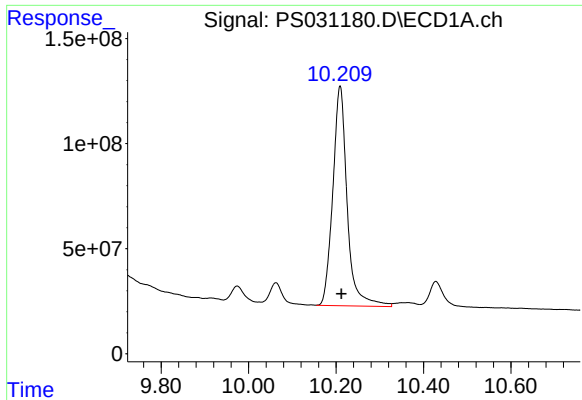
#12 2,4,5-T

R.T.: 9.632 min
Delta R.T.: -0.004 min
Response: 15267827951
Conc: 781.85 ng/ml



#12 2,4,5-T

R.T.: 10.353 min
Delta R.T.: -0.003 min
Response: 10365333497
Conc: 728.95 ng/ml



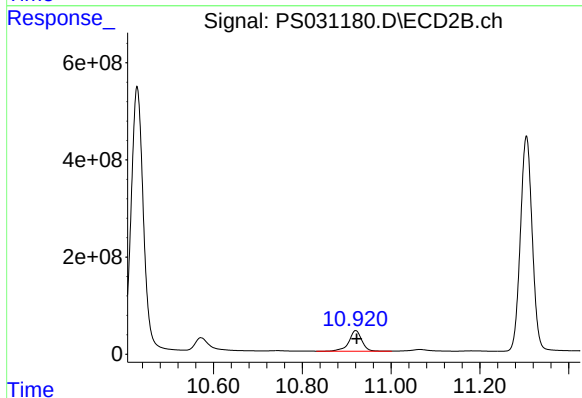
#13 2,4-DB

R.T.: 10.209 min
Delta R.T.: -0.003 min
Response: 2386831588
Conc: 798.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

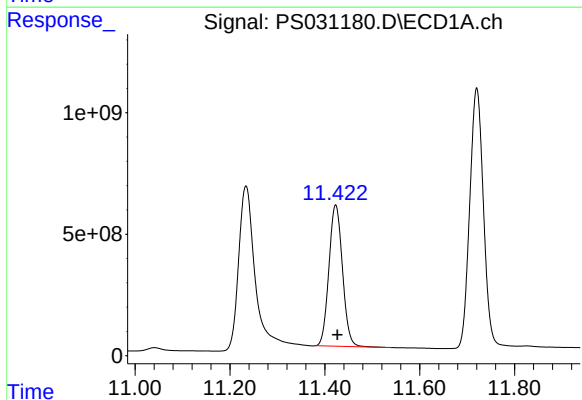
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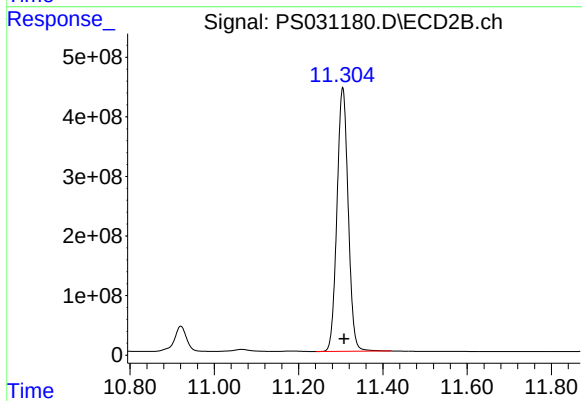
#13 2,4-DB

R.T.: 10.920 min
Delta R.T.: -0.003 min
Response: 852241682
Conc: 728.09 ng/ml



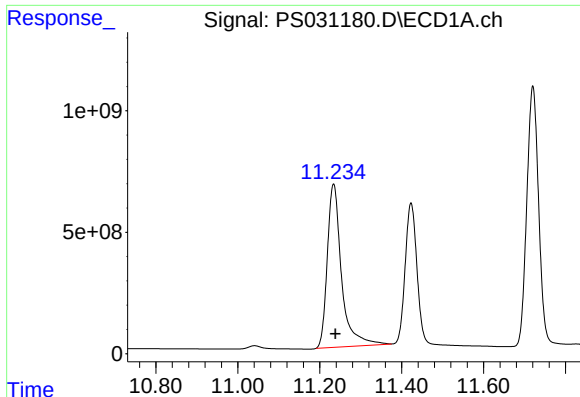
#14 DINOSEB

R.T.: 11.423 min
Delta R.T.: -0.004 min
Response: 11518607721
Conc: 739.82 ng/ml



#14 DINOSEB

R.T.: 11.305 min
Delta R.T.: -0.003 min
Response: 8178971594
Conc: 723.67 ng/ml



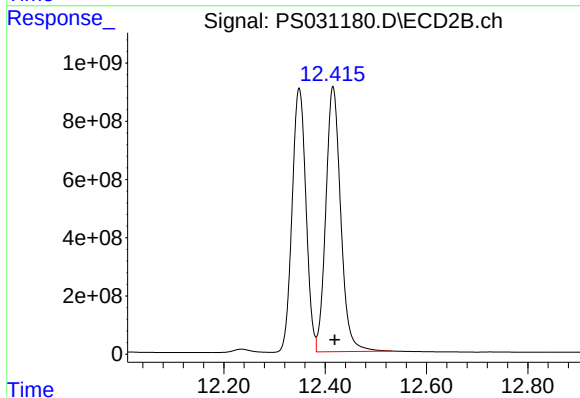
#15 Picloram

R.T.: 11.234 min
Delta R.T.: -0.005 min
Response: 16216315998
Conc: 810.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

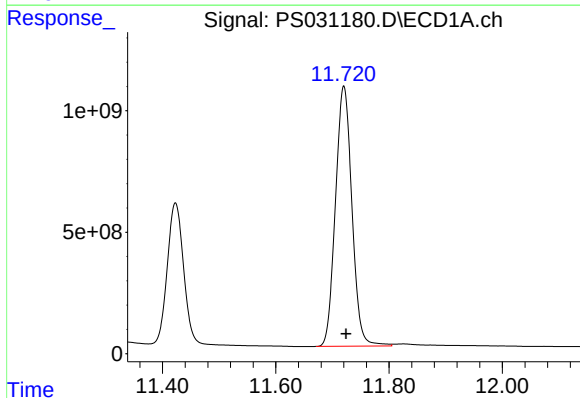
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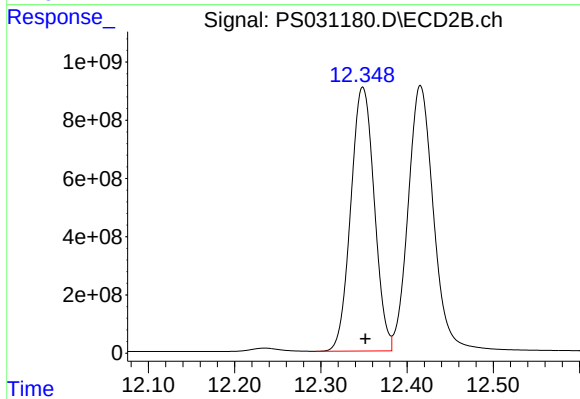
#15 Picloram

R.T.: 12.415 min
Delta R.T.: -0.003 min
Response: 18579800923
Conc: 746.33 ng/ml



#16 DCPA

R.T.: 11.720 min
Delta R.T.: -0.004 min
Response: 21609603179
Conc: 753.12 ng/ml



#16 DCPA

R.T.: 12.349 min
Delta R.T.: -0.003 min
Response: 17155656798
Conc: 744.73 ng/ml