

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072925\
 Data File : PS031293.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2025 23:45
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/30/2025
 Supervised By : mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 02:09:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 18:38:25 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	7.313	7.765	2186.7E6	614.7E6	750.565	736.099
Target Compounds							
1) T	Dalapon	2.689	2.703	3255.2E6	1657.3E6	674.715	674.754
2) T	3,5-DICHL...	6.476	6.711	2920.4E6	885.1E6	685.073	684.930
3) T	4-Nitroph...	7.114	7.304	700.9E6	852.9E6	688.374	660.712
5) T	DICAMBA	7.501	7.964	9127.7E6	3773.1E6	706.445	696.041
6) T	MCP	7.681	8.062	578.8E6	138.8E6	71.959	81.222m
7) T	MCPA	7.831	8.311	703.4E6	180.6E6	71.953	69.620
8) T	DICHLORPROP	8.210	8.684	2084.0E6	882.3E6	685.529	678.656
9) T	2,4-D	8.444	9.024	1803.4E6	958.8E6	695.392	687.016
10) T	Pentachlo...	8.742	9.536	34522.7E6	24232.7E6	759.095	723.444
11) T	2,4,5-TP ...	9.324	9.923	11943.9E6	8969.7E6	716.865	706.117
12) T	2,4,5-T	9.619	10.351	9460.5E6	8220.0E6	711.276	704.690
13) T	2,4-DB	10.196	10.921	1231.5E6	676.5E6	704.841	700.397
14) T	DINOSEB	11.403	11.300	8022.7E6	6464.3E6	699.845	692.113
15) T	Picloram	11.224	12.420	8040.4E6	11578.5E6	686.650	677.308
16) T	DCPA	11.702	12.343	15048.9E6	13073.7E6	725.733	700.937

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

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Acq On : 29 Jul 2025 23:45
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 5 Sample Multiplier: 1

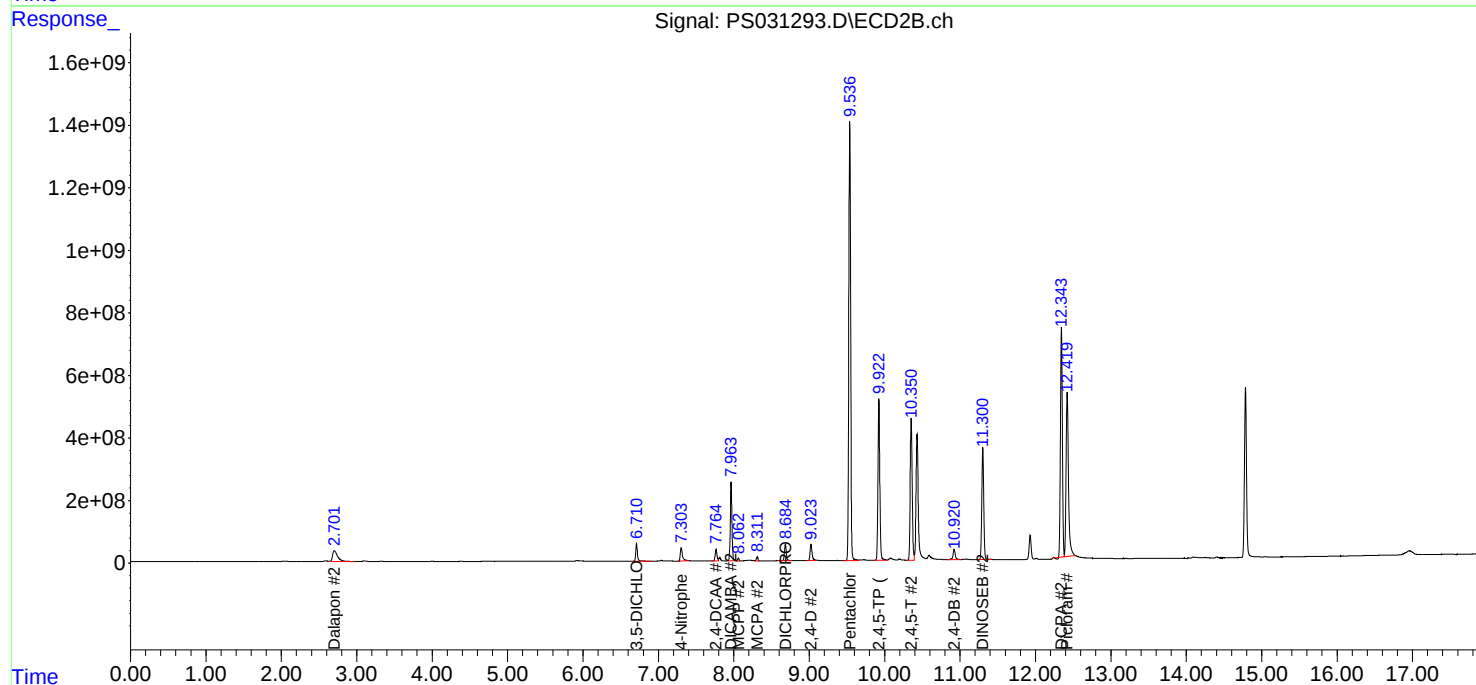
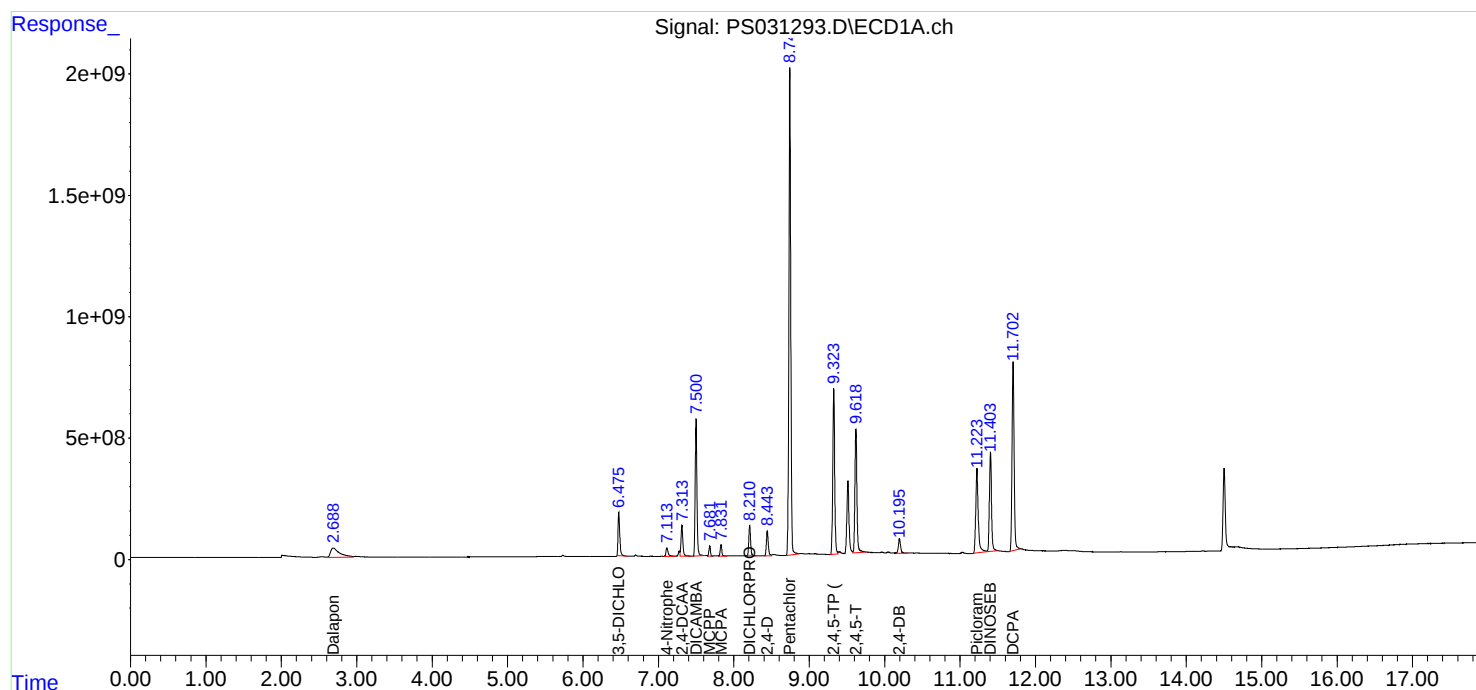
Instrument :
ECD_S
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HSTDCCC750

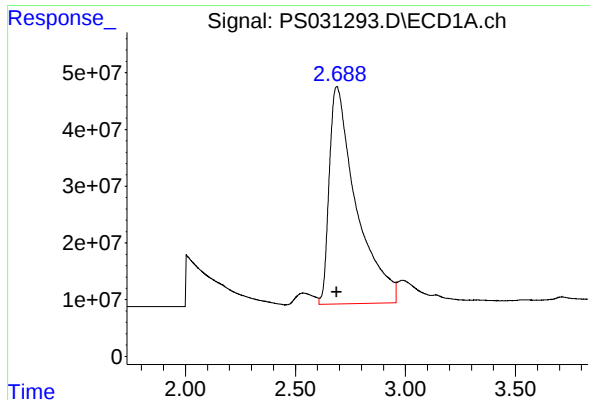
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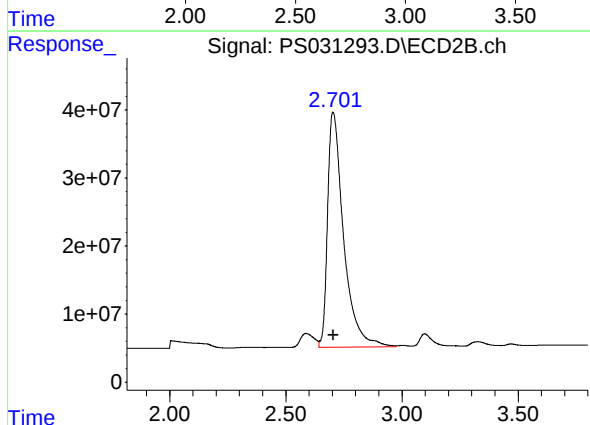
#1 Dalapon

R.T.: 2.689 min
Delta R.T.: 0.002 min
Response: 3255203392
Conc: 674.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

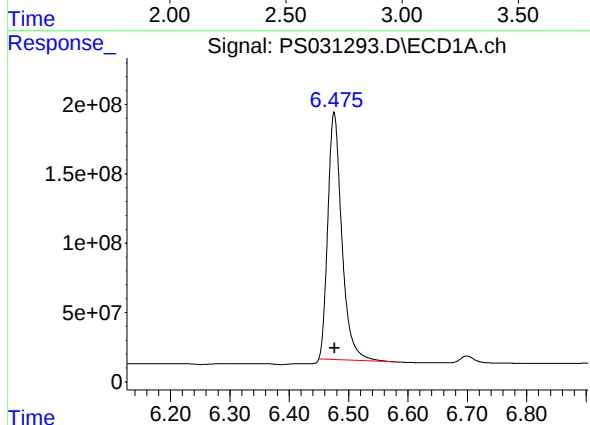
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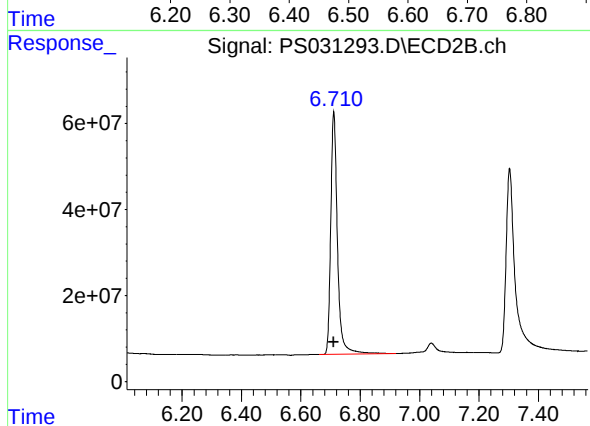
#1 Dalapon

R.T.: 2.703 min
Delta R.T.: 0.000 min
Response: 1657321463
Conc: 674.75 ng/ml



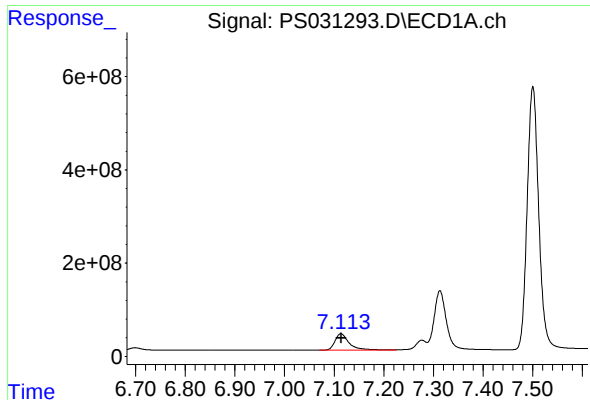
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.476 min
Delta R.T.: -0.001 min
Response: 2920420350
Conc: 685.07 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 885114414
Conc: 684.93 ng/ml



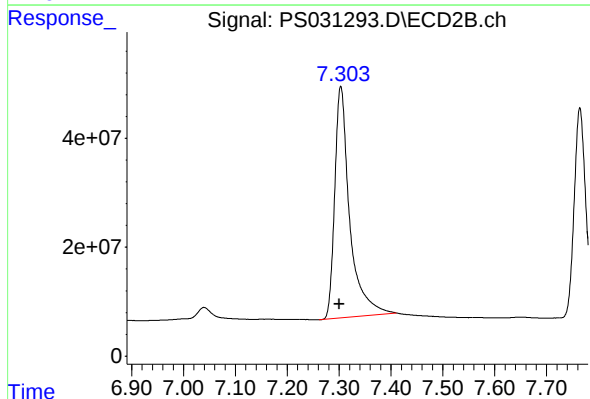
#3 4-Nitrophenol

R.T.: 7.114 min
Delta R.T.: 0.000 min
Response: 700902749
Conc: 688.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

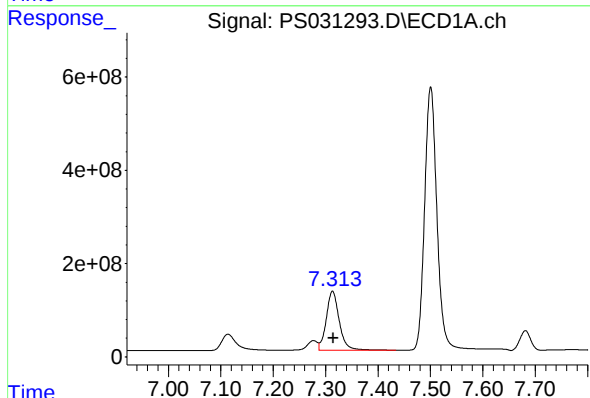
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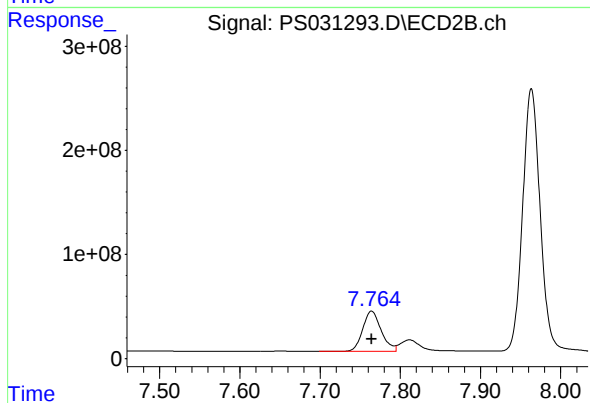
#3 4-Nitrophenol

R.T.: 7.304 min
Delta R.T.: 0.004 min
Response: 852920468
Conc: 660.71 ng/ml



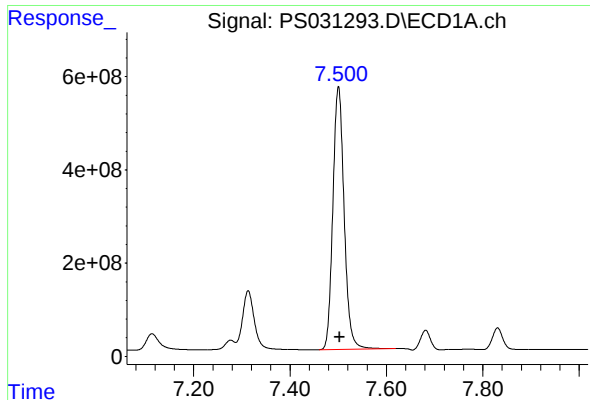
#4 2,4-DCAA

R.T.: 7.313 min
Delta R.T.: -0.001 min
Response: 2186700205
Conc: 750.57 ng/ml



#4 2,4-DCAA

R.T.: 7.765 min
Delta R.T.: 0.000 min
Response: 614702639
Conc: 736.10 ng/ml



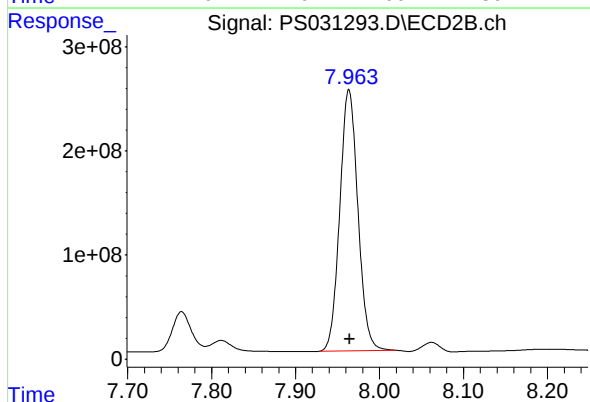
#5 DICAMBA

R.T.: 7.501 min
Delta R.T.: -0.002 min
Response: 9127688528
Conc: 706.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

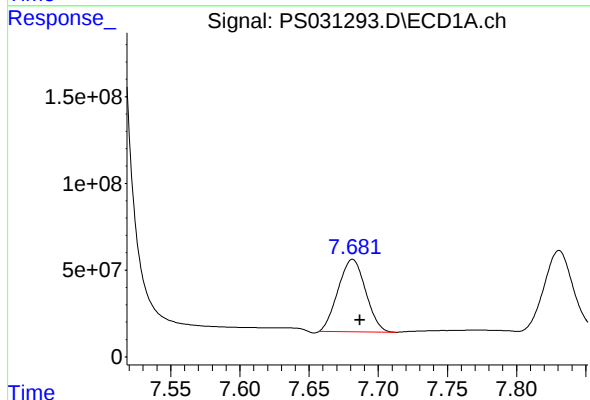
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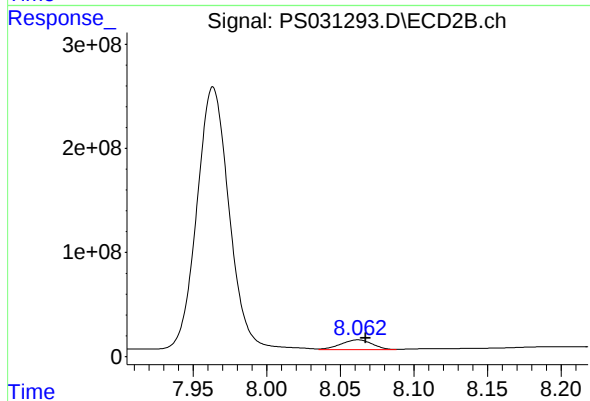
#5 DICAMBA

R.T.: 7.964 min
Delta R.T.: -0.001 min
Response: 3773129321
Conc: 696.04 ng/ml



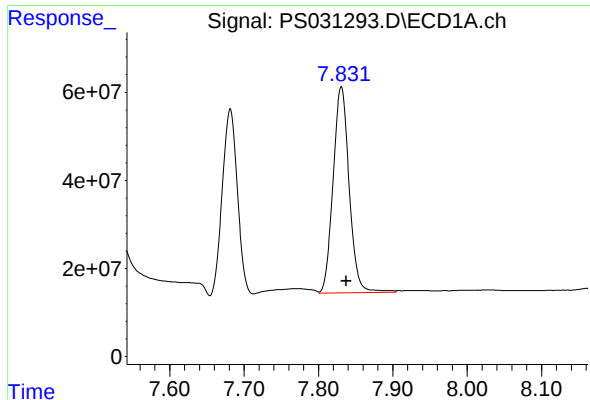
#6 MCPP

R.T.: 7.681 min
Delta R.T.: -0.005 min
Response: 578750051
Conc: 71.96 ug/ml



#6 MCPP

R.T.: 8.062 min
Delta R.T.: -0.006 min
Response: 138839339
Conc: 81.22 ug/ml m



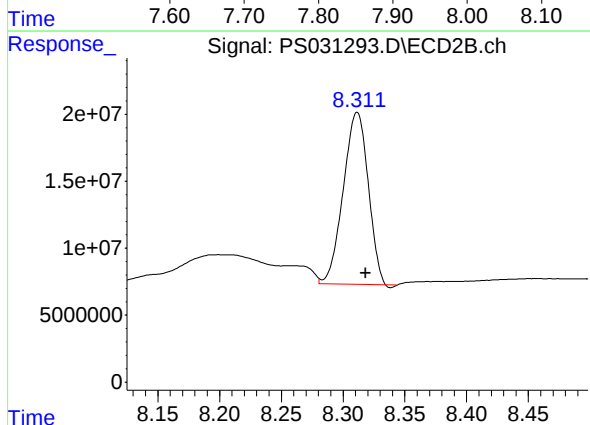
#7 MCPA

R.T.: 7.831 min
Delta R.T.: -0.007 min
Response: 703405333
Conc: 71.95 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

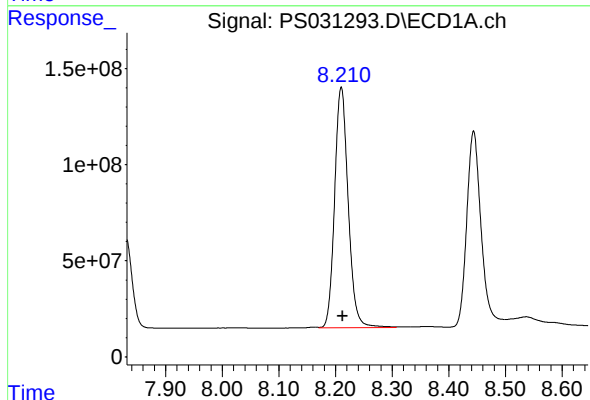
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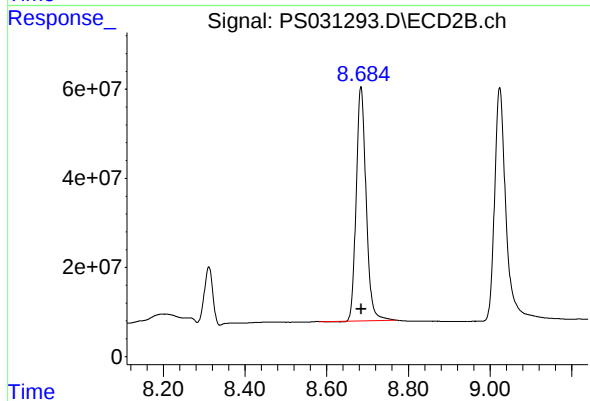
#7 MCPA

R.T.: 8.311 min
Delta R.T.: -0.007 min
Response: 180590435
Conc: 69.62 ug/ml



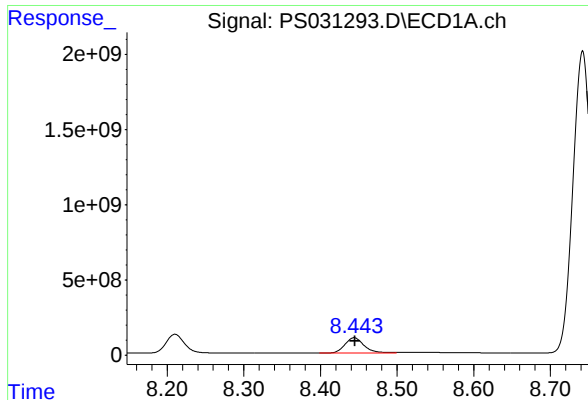
#8 DICHLORPROP

R.T.: 8.210 min
Delta R.T.: -0.003 min
Response: 2084017427
Conc: 685.53 ng/ml



#8 DICHLORPROP

R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 882291617
Conc: 678.66 ng/ml



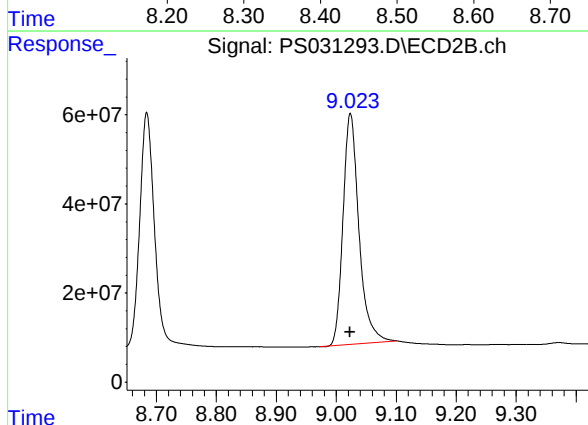
#9 2,4-D

R.T.: 8.444 min
Delta R.T.: -0.001 min
Response: 1803386515
Conc: 695.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

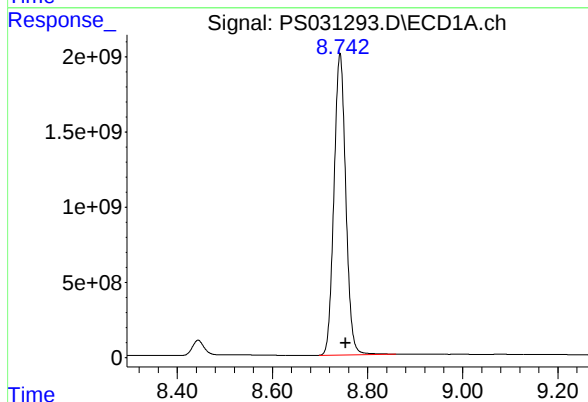
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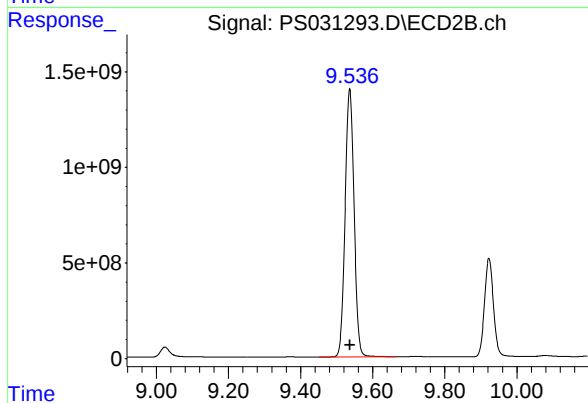
#9 2,4-D

R.T.: 9.024 min
Delta R.T.: 0.000 min
Response: 958752287
Conc: 687.02 ng/ml



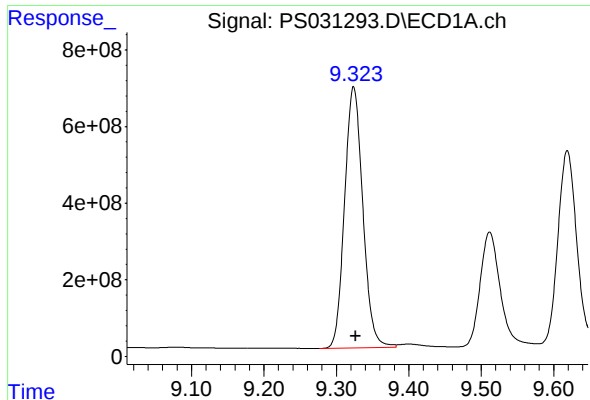
#10 Pentachlorophenol

R.T.: 8.742 min
Delta R.T.: -0.012 min
Response: 34522682575
Conc: 759.09 ng/ml



#10 Pentachlorophenol

R.T.: 9.536 min
Delta R.T.: 0.000 min
Response: 24232745413
Conc: 723.44 ng/ml



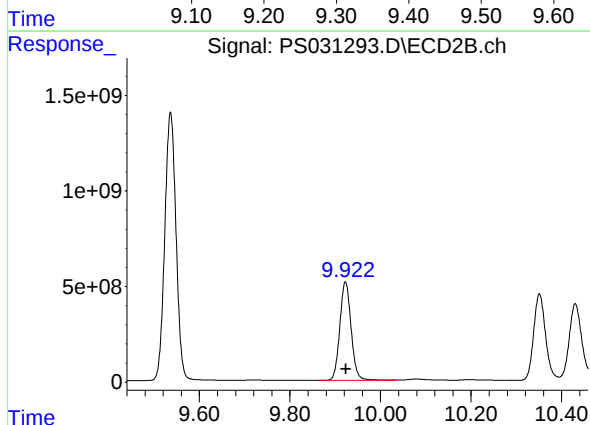
#11 2,4,5-TP (SILVEX)

R.T.: 9.324 min
Delta R.T.: -0.003 min
Response: 11943865428
Conc: 716.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

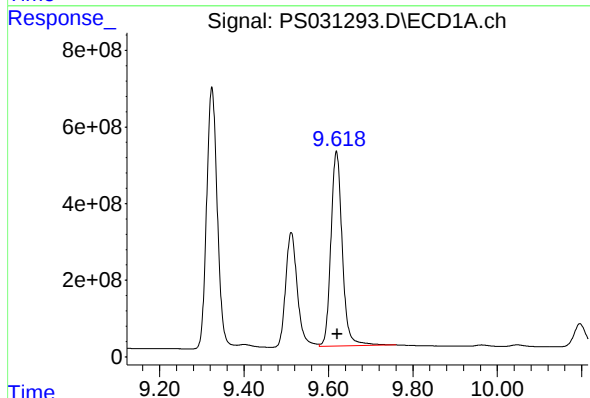
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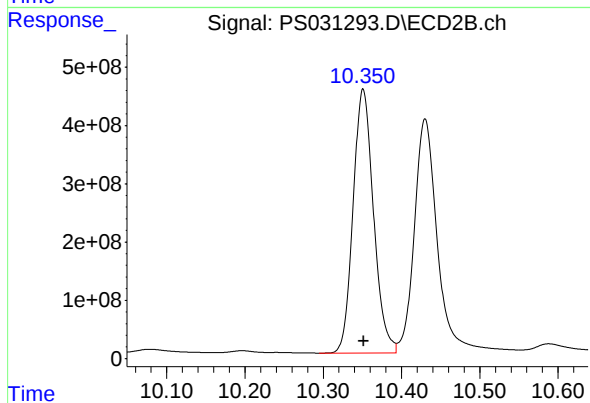
#11 2,4,5-TP (SILVEX)

R.T.: 9.923 min
Delta R.T.: -0.001 min
Response: 8969667601
Conc: 706.12 ng/ml



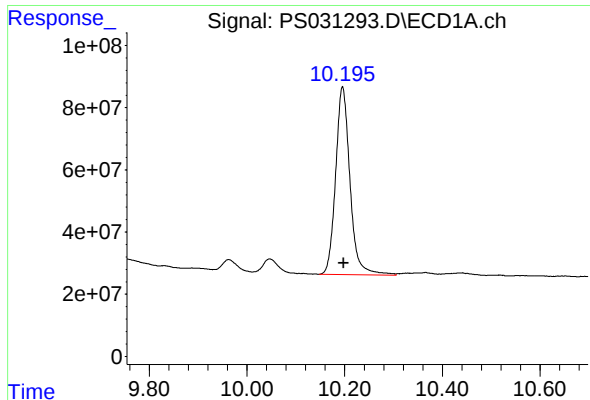
#12 2,4,5-T

R.T.: 9.619 min
Delta R.T.: -0.002 min
Response: 9460497716
Conc: 711.28 ng/ml



#12 2,4,5-T

R.T.: 10.351 min
Delta R.T.: 0.000 min
Response: 8219973838
Conc: 704.69 ng/ml



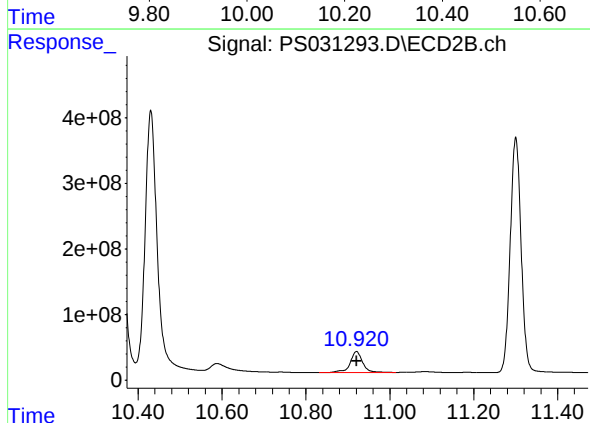
#13 2,4-DB

R.T.: 10.196 min
Delta R.T.: -0.003 min
Response: 1231537075
Conc: 704.84 ng/ml

Instrument :
ECD_S
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HSTDCCC750

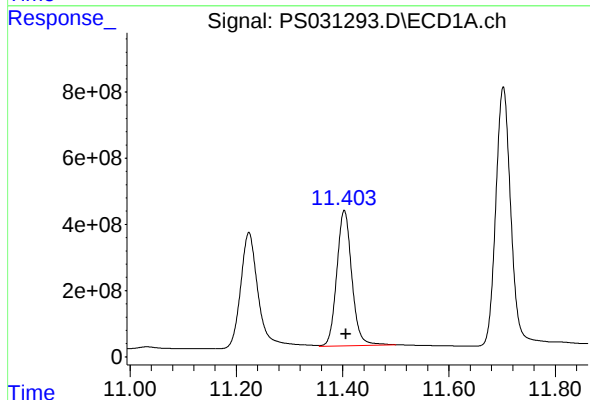
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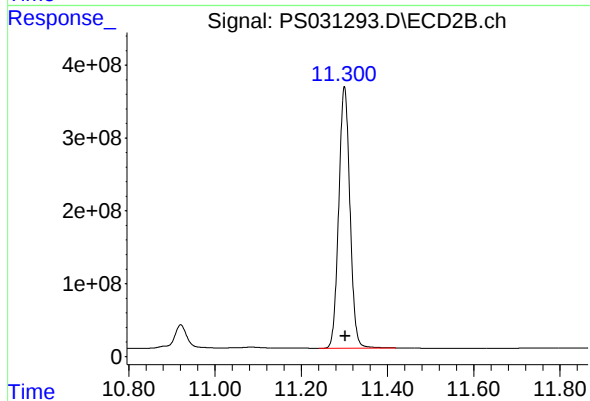
#13 2,4-DB

R.T.: 10.921 min
Delta R.T.: 0.000 min
Response: 676482858
Conc: 700.40 ng/ml



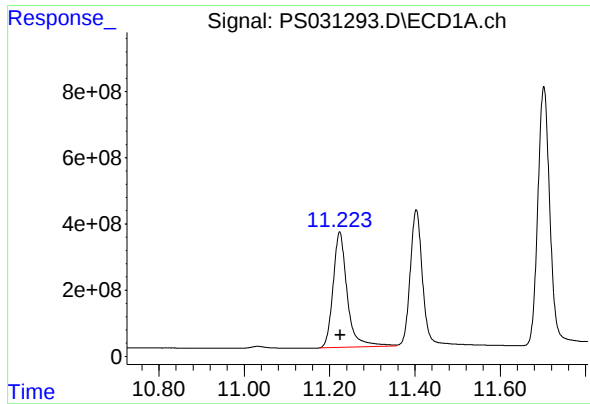
#14 DINOSEB

R.T.: 11.403 min
Delta R.T.: -0.003 min
Response: 8022706431
Conc: 699.85 ng/ml



#14 DINOSEB

R.T.: 11.300 min
Delta R.T.: -0.002 min
Response: 6464287716
Conc: 692.11 ng/ml



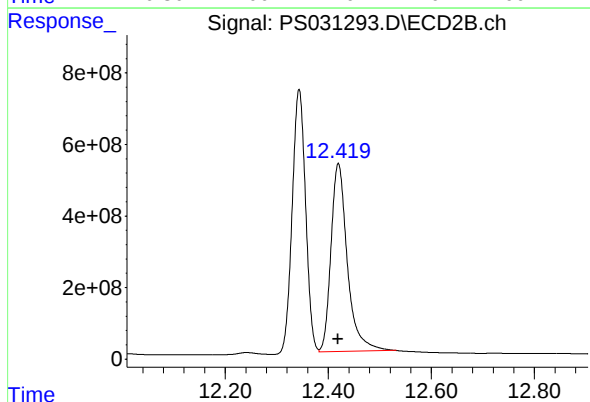
#15 Picloram

R.T.: 11.224 min
Delta R.T.: -0.001 min
Response: 8040417847
Conc: 686.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
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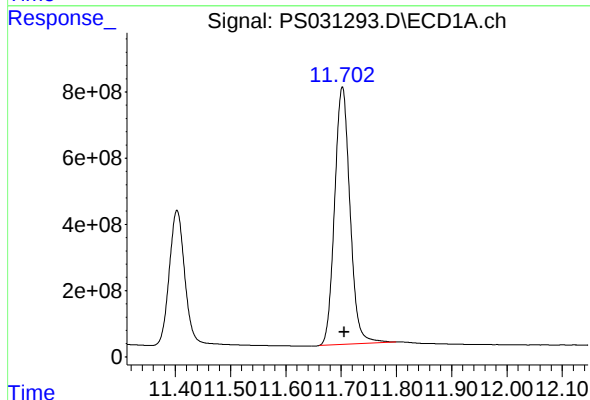
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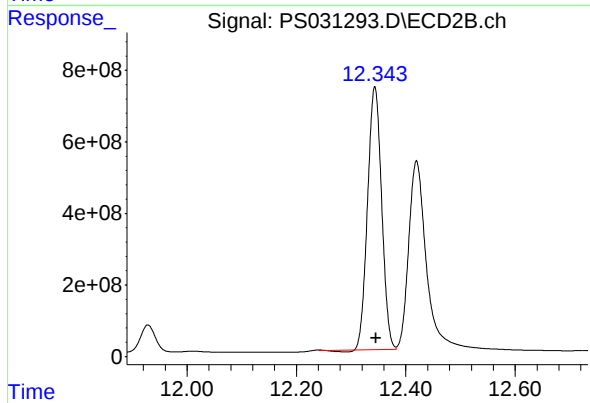
#15 Picloram

R.T.: 12.420 min
Delta R.T.: 0.001 min
Response: 11578529974
Conc: 677.31 ng/ml



#16 DCPA

R.T.: 11.702 min
Delta R.T.: -0.003 min
Response: 15048889565
Conc: 725.73 ng/ml



#16 DCPA

R.T.: 12.343 min
Delta R.T.: -0.002 min
Response: 13073704808
Conc: 700.94 ng/ml