

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072925\
 Data File : PS031301.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2025 02:57
 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 03:16:38 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	7.312	7.764	2243.2E6	614.1E6	769.973	735.434
Target Compounds							
1) T	Dalapon	2.689	2.704	3283.6E6	1655.6E6	680.595	674.045
2) T	3,5-DICHL...	6.476	6.711	2974.2E6	892.4E6	697.679	690.548
3) T	4-Nitroph...	7.113	7.303	731.5E6	852.4E6	718.441	660.347
5) T	DICAMBA	7.500	7.964	9283.6E6	3785.5E6	718.514	698.327
6) T	MCPD	7.680	8.061	567.9E6	113.5E6	70.614	66.373
7) T	MCPA	7.829	8.311	708.7E6	188.7E6	72.494	72.746
8) T	DICHLORPROP	8.209	8.684	2113.0E6	891.6E6	695.073	685.783
9) T	2,4-D	8.441	9.023	1837.1E6	962.4E6	708.404	689.657
10) T	Pentachlo...	8.741	9.536	35297.4E6	24455.9E6	776.130	730.105
11) T	2,4,5-TP ...	9.322	9.923	12057.2E6	9011.0E6	723.665	709.371
12) T	2,4,5-T	9.617	10.351	9533.3E6	8210.1E6	716.748	703.843
13) T	2,4-DB	10.194	10.920	1239.1E6	667.1E6	709.189	690.644
14) T	DINOSEB	11.402	11.300	8049.4E6	6477.8E6	702.178	693.561
15) T	Picloram	11.222	12.420	7807.1E6	11264.6E6	666.723	658.944
16) T	DCPA	11.700	12.343	15166.4E6	13432.2E6	731.399	720.155

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

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Sample : HSTDCCC750
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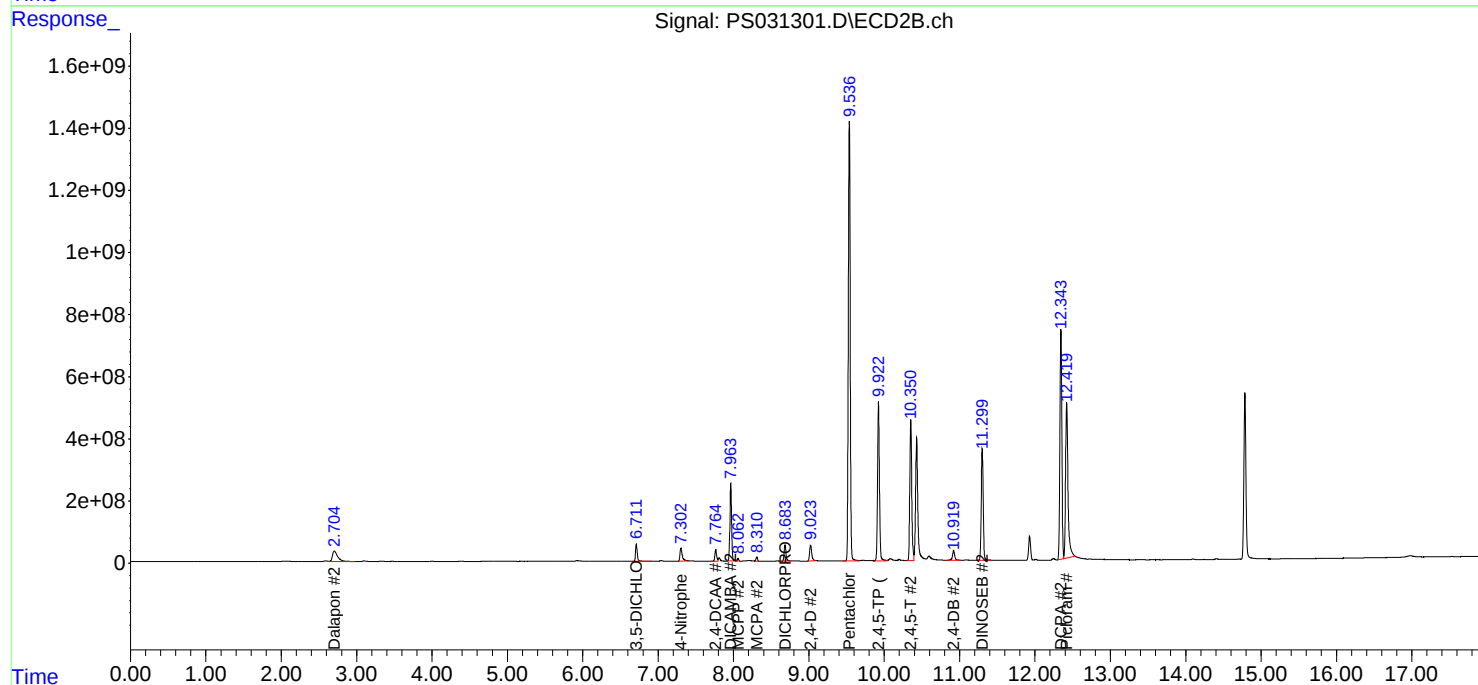
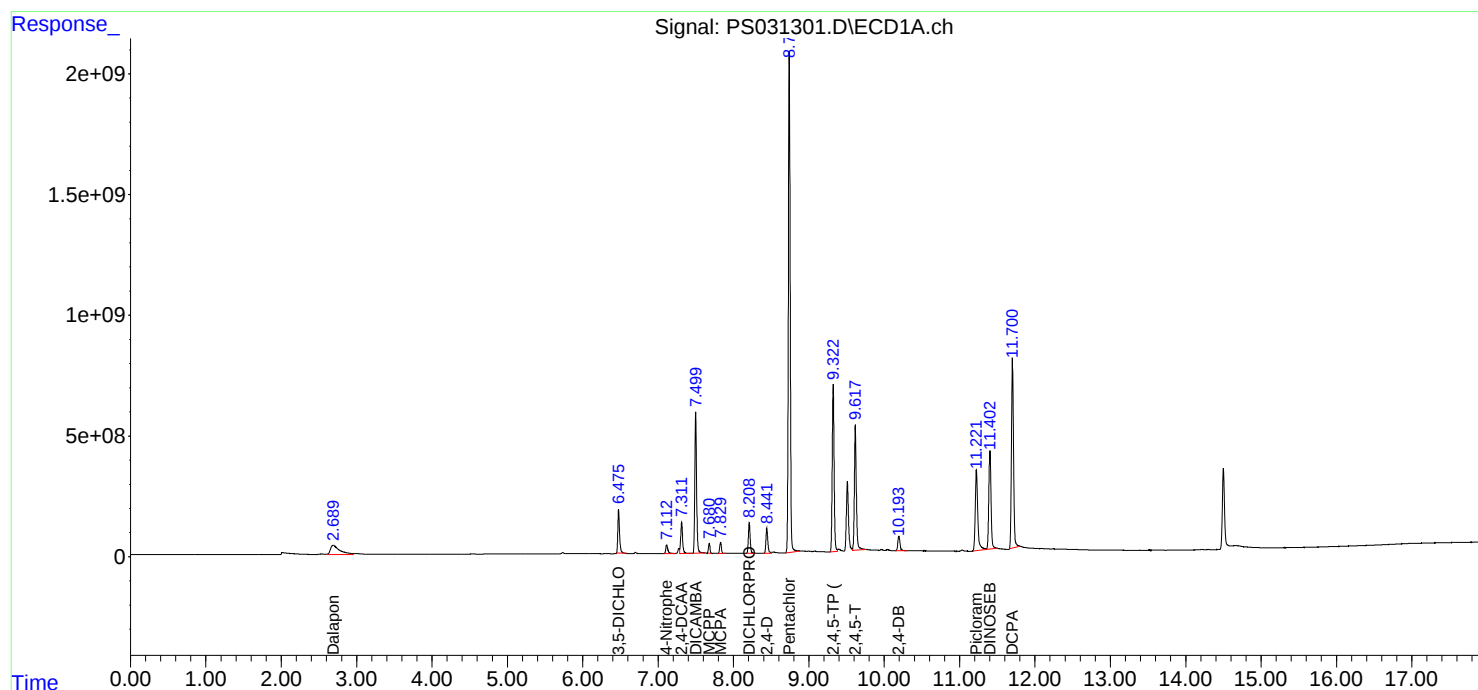
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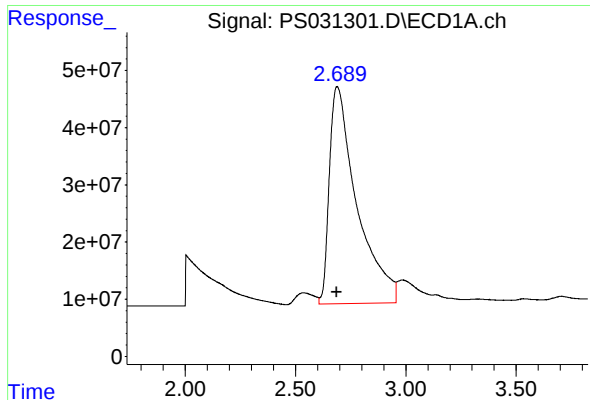
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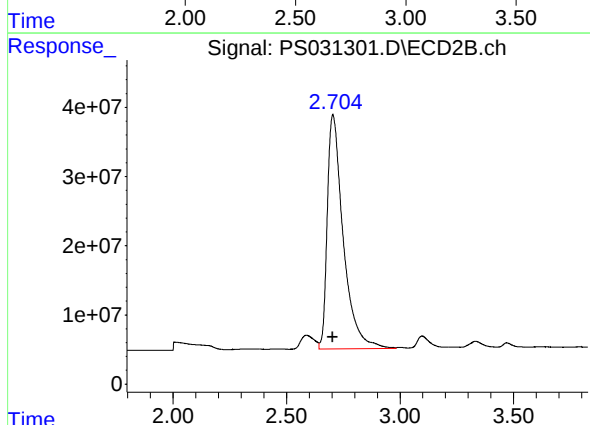
#1 Dalapon

R.T.: 2.689 min
Delta R.T.: 0.002 min
Response: 3283572161
Conc: 680.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

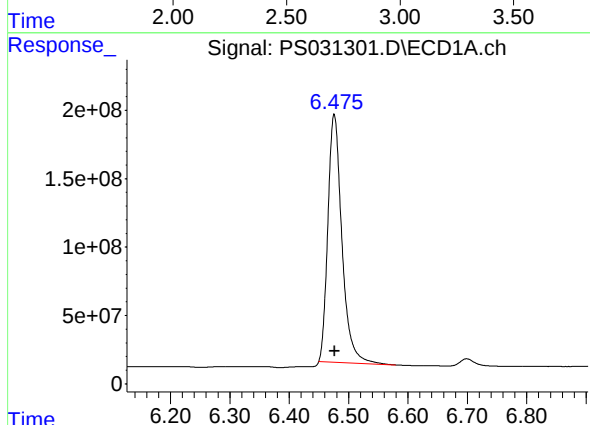
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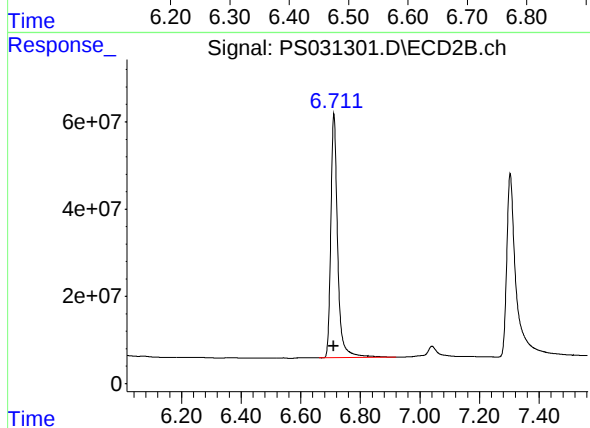
#1 Dalapon

R.T.: 2.704 min
Delta R.T.: 0.000 min
Response: 1655578559
Conc: 674.04 ng/ml



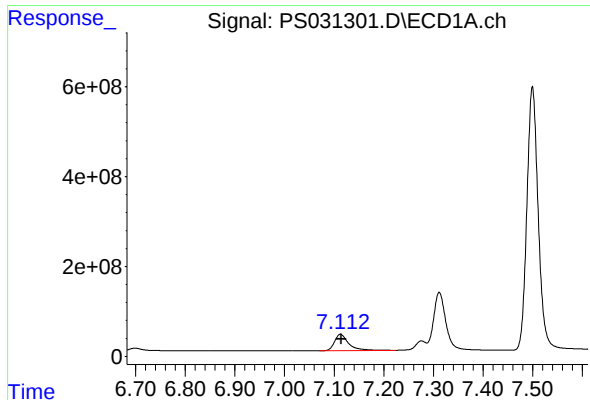
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.476 min
Delta R.T.: -0.001 min
Response: 2974160535
Conc: 697.68 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 892375304
Conc: 690.55 ng/ml



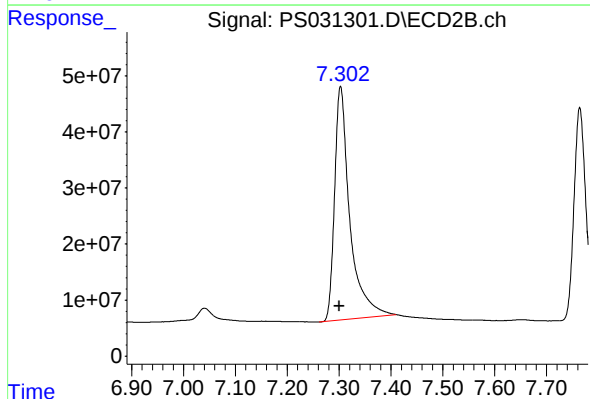
#3 4-Nitrophenol

R.T.: 7.113 min
Delta R.T.: -0.002 min
Response: 731517000
Conc: 718.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

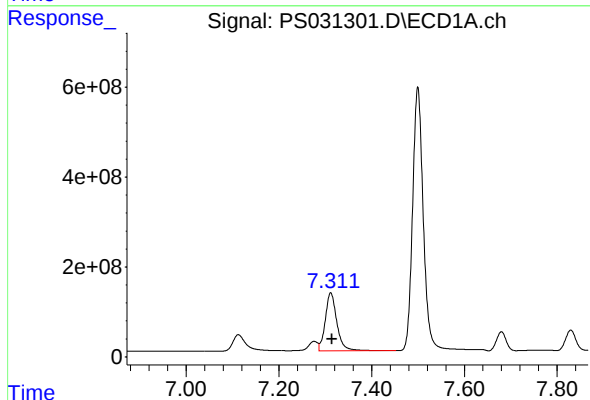
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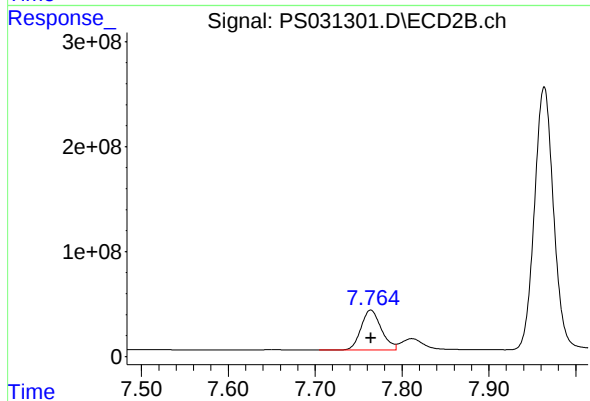
#3 4-Nitrophenol

R.T.: 7.303 min
Delta R.T.: 0.003 min
Response: 852449522
Conc: 660.35 ng/ml



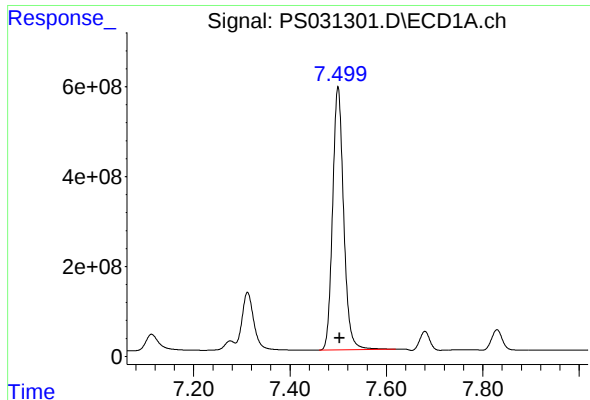
#4 2,4-DCAA

R.T.: 7.312 min
Delta R.T.: -0.003 min
Response: 2243243646
Conc: 769.97 ng/ml



#4 2,4-DCAA

R.T.: 7.764 min
Delta R.T.: 0.000 min
Response: 614146586
Conc: 735.43 ng/ml



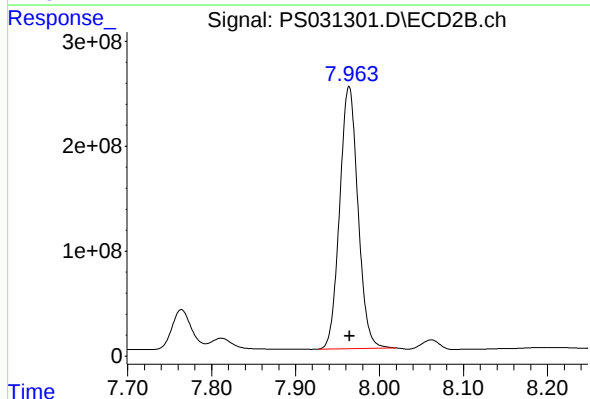
#5 DICAMBA

R.T.: 7.500 min
Delta R.T.: -0.003 min
Response: 9283625878
Conc: 718.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

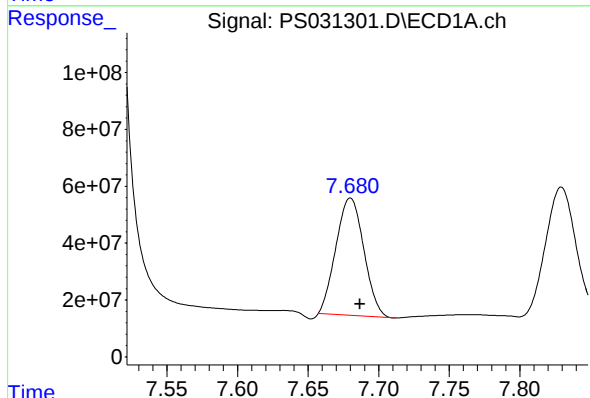
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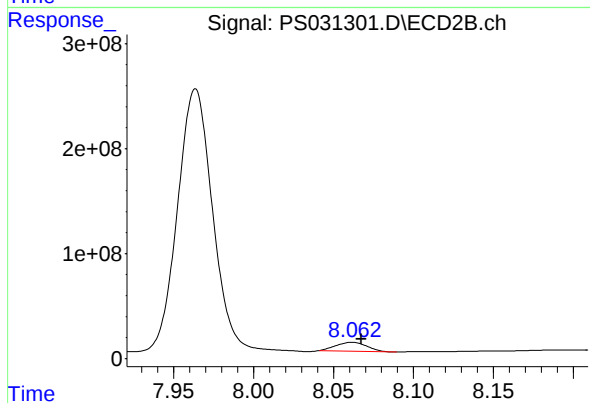
#5 DICAMBA

R.T.: 7.964 min
Delta R.T.: -0.001 min
Response: 3785526166
Conc: 698.33 ng/ml



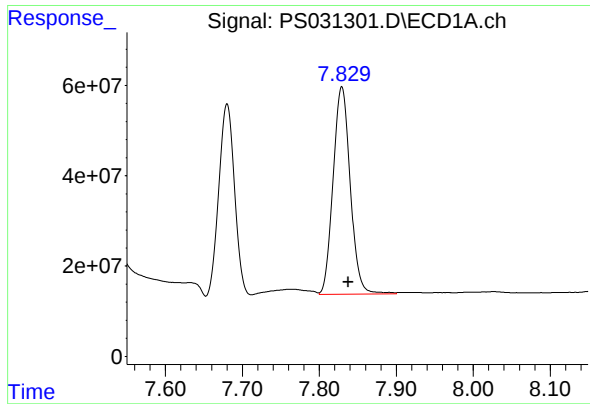
#6 MCPP

R.T.: 7.680 min
Delta R.T.: -0.007 min
Response: 567932668
Conc: 70.61 ug/ml



#6 MCPP

R.T.: 8.061 min
Delta R.T.: -0.006 min
Response: 113456845
Conc: 66.37 ug/ml



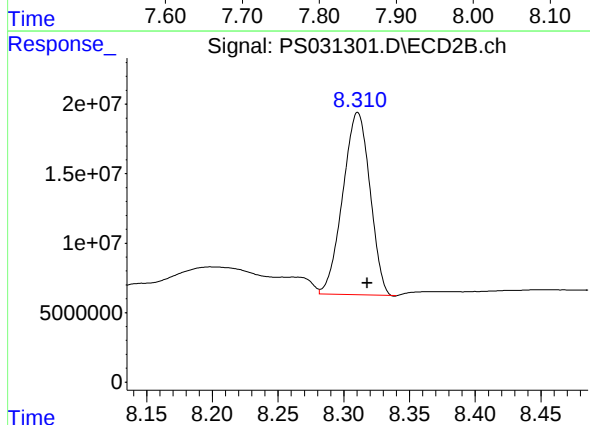
#7 MCPA

R.T.: 7.829 min
Delta R.T.: -0.008 min
Response: 708698266
Conc: 72.49 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

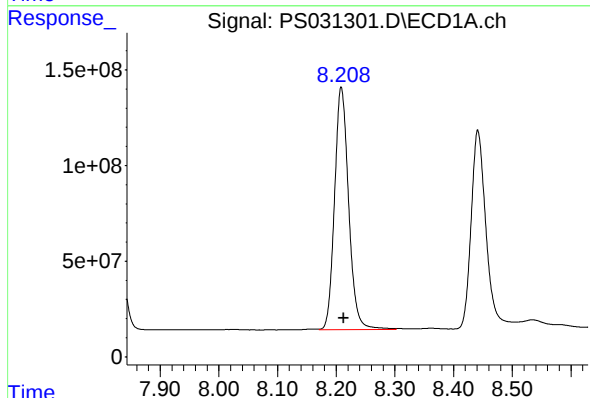
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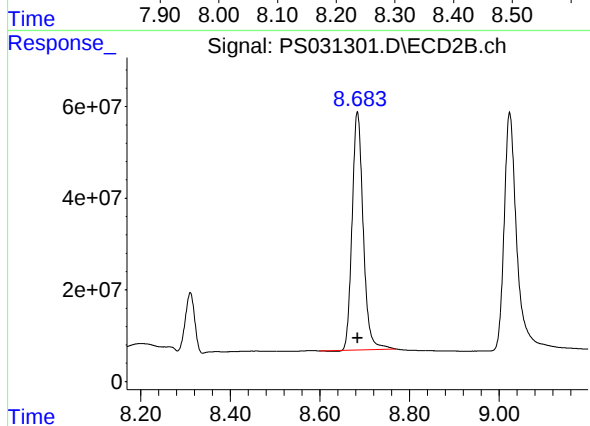
#7 MCPA

R.T.: 8.311 min
Delta R.T.: -0.008 min
Response: 188698651
Conc: 72.75 ug/ml



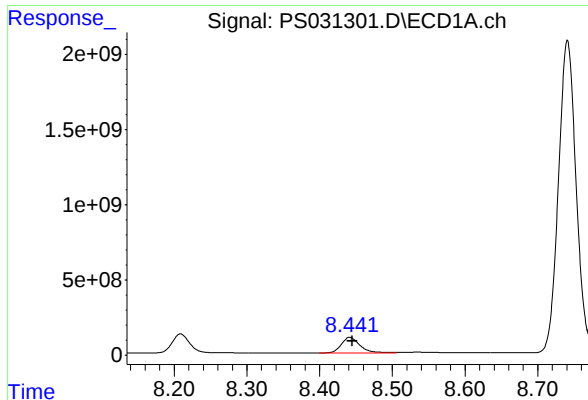
#8 DICHLORPROP

R.T.: 8.209 min
Delta R.T.: -0.004 min
Response: 2113030367
Conc: 695.07 ng/ml



#8 DICHLORPROP

R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 891557649
Conc: 685.78 ng/ml



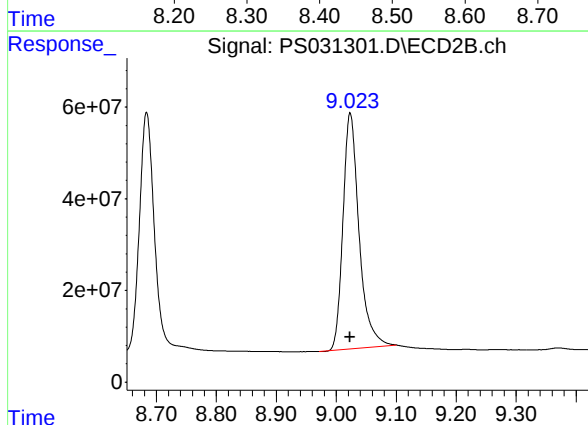
#9 2,4-D

R.T.: 8.441 min
Delta R.T.: -0.004 min
Response: 1837131548
Conc: 708.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

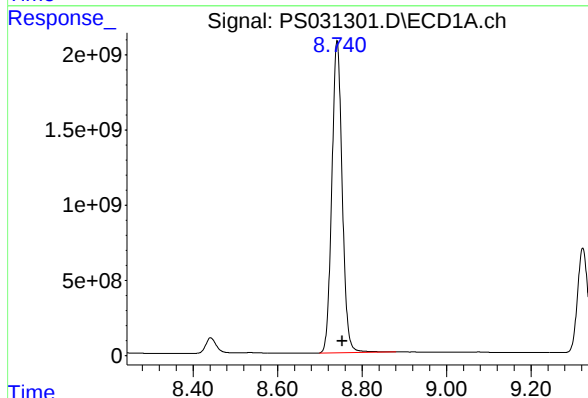
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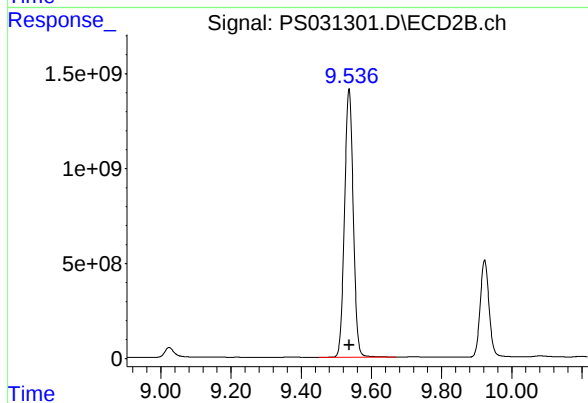
#9 2,4-D

R.T.: 9.023 min
Delta R.T.: 0.000 min
Response: 962436610
Conc: 689.66 ng/ml



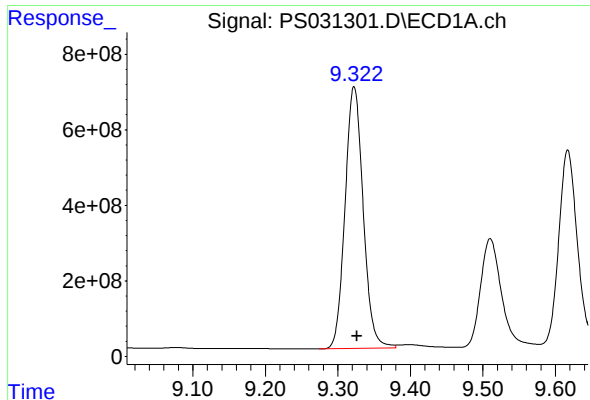
#10 Pentachlorophenol

R.T.: 8.741 min
Delta R.T.: -0.013 min
Response: 35297428772
Conc: 776.13 ng/ml



#10 Pentachlorophenol

R.T.: 9.536 min
Delta R.T.: 0.000 min
Response: 24455867359
Conc: 730.10 ng/ml



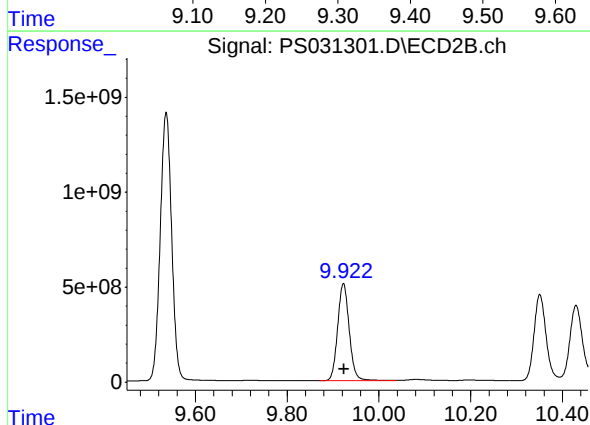
#11 2,4,5-TP (SILVEX)

R.T.: 9.322 min
Delta R.T.: -0.004 min
Response: 12057163998
Conc: 723.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

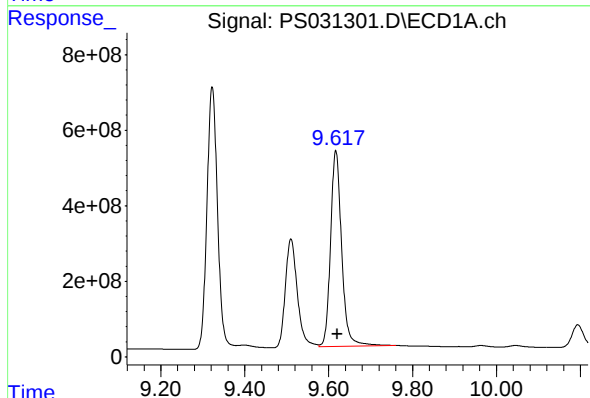
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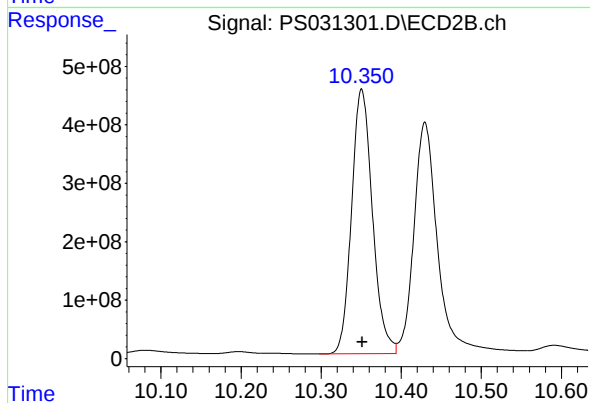
#11 2,4,5-TP (SILVEX)

R.T.: 9.923 min
Delta R.T.: -0.001 min
Response: 9011000005
Conc: 709.37 ng/ml



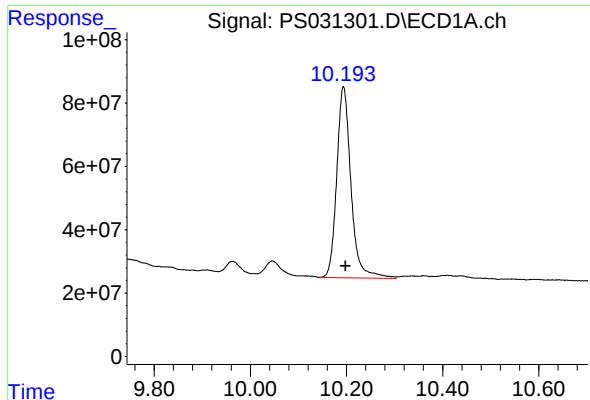
#12 2,4,5-T

R.T.: 9.617 min
Delta R.T.: -0.004 min
Response: 9533280508
Conc: 716.75 ng/ml



#12 2,4,5-T

R.T.: 10.351 min
Delta R.T.: 0.000 min
Response: 8210096603
Conc: 703.84 ng/ml



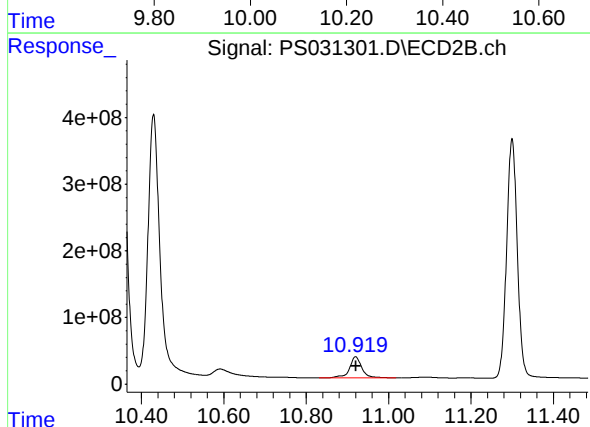
#13 2,4-DB

R.T.: 10.194 min
Delta R.T.: -0.004 min
Response: 1239133171
Conc: 709.19 ng/ml

Instrument :
ECD_S
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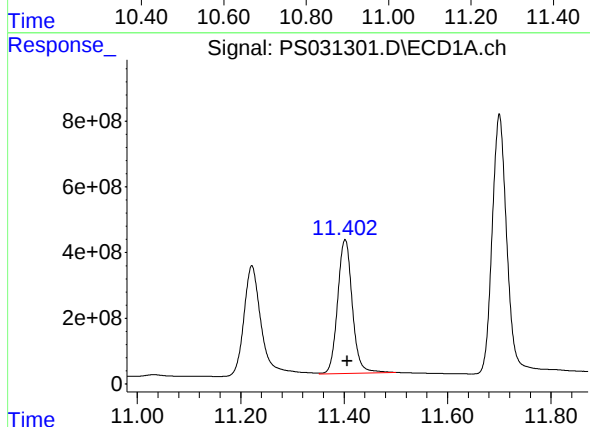
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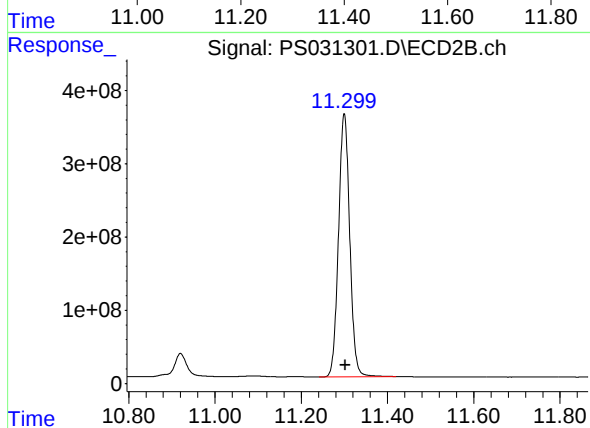
#13 2,4-DB

R.T.: 10.920 min
Delta R.T.: 0.000 min
Response: 667062646
Conc: 690.64 ng/ml



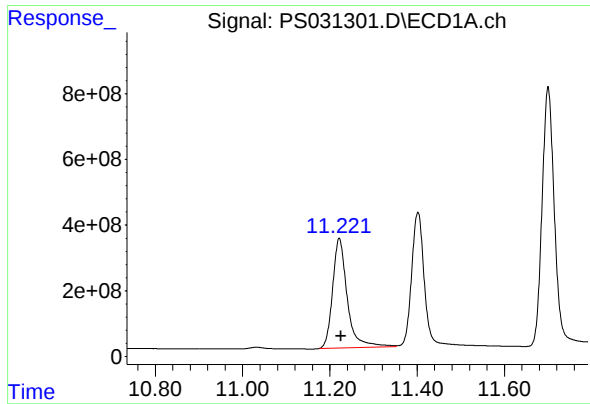
#14 DINOSEB

R.T.: 11.402 min
Delta R.T.: -0.004 min
Response: 8049444561
Conc: 702.18 ng/ml



#14 DINOSEB

R.T.: 11.300 min
Delta R.T.: -0.003 min
Response: 6477814088
Conc: 693.56 ng/ml



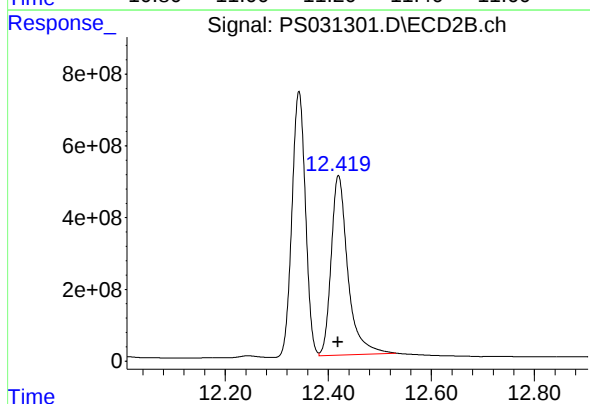
#15 Picloram

R.T.: 11.222 min
Delta R.T.: -0.004 min
Response: 7807084283
Conc: 666.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

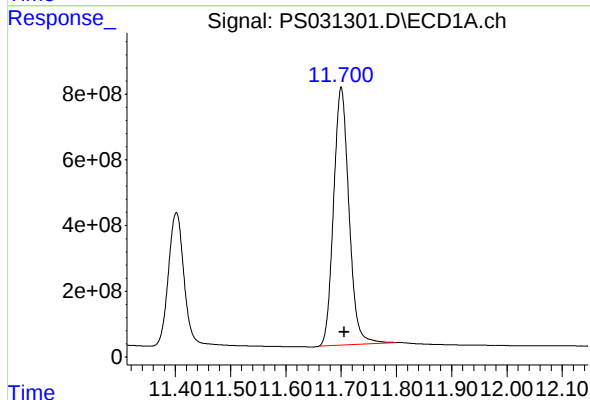
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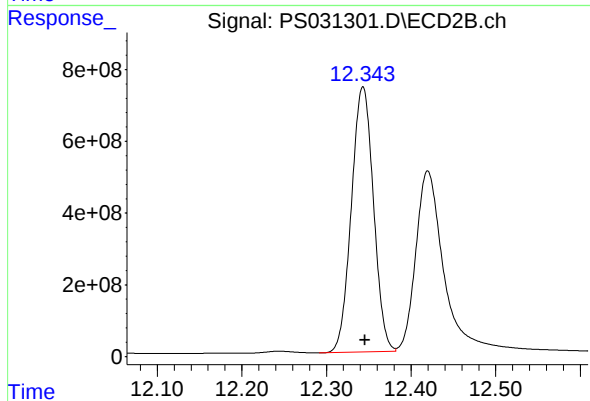
#15 Picloram

R.T.: 12.420 min
Delta R.T.: 0.002 min
Response: 11264600482
Conc: 658.94 ng/ml



#16 DCPA

R.T.: 11.700 min
Delta R.T.: -0.005 min
Response: 15166396731
Conc: 731.40 ng/ml



#16 DCPA

R.T.: 12.343 min
Delta R.T.: -0.002 min
Response: 13432169258
Conc: 720.16 ng/ml