

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090825\
 Data File : PS031663.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2025 02:02
 Operator : AR\AJ
 Sample : Q3023-04MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-2MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/09/2025
 Supervised By :mohammad ahmed 09/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 04:07:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090825.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 03:37:51 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	7.279	7.741	995.2E6	89488875	270.845	105.880m#
Target Compounds							
1) T	Dalapon	2.667	2.687	1141.1E6	1638.7E6	199.567m	589.688 #
2) T	3,5-DICHL...	6.452	6.696	919.2E6	198.7E6	166.855	130.328
5) T	DICAMBA	7.465	7.934	3821.7E6	1716.8E6	234.600	268.994
6) T	MCPD	7.641	8.029	74499862	12918536	8.349	6.796
7) T	MCPA	7.790	8.274	175.9E6	44045903	16.116	16.476
8) T	DICHLORPROP	8.175	8.654	732.3E6	307.9E6	201.172	210.706
9) T	2,4-D	8.412	8.995	932.4E6	414.7E6	253.480	278.171
10) T	Pentachlo...	8.704	9.504	3233.3E6	2200.3E6	58.491	55.844
11) T	2,4,5-TP ...	9.281	9.887	4073.6E6	2948.6E6	188.926	201.393
12) T	2,4,5-T	9.577	10.319	3635.1E6	2761.3E6	201.652m	228.409m
13) T	2,4-DB	10.168	10.892	75002542	23445899	37.871m	30.484
14) T	DINOSEB	11.348	11.266	197.4E6	120.9E6	12.227m	11.218
15) T	Picloram	11.184	12.385	3112.0E6	3690.8E6	242.936	223.572
16) T	DCPA	11.648	12.302	7854.3E6	7081.7E6	285.329	297.751

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

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Data File : PS031663.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Sep 2025 02:02
Operator : AR\AJ
Sample : Q3023-04MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

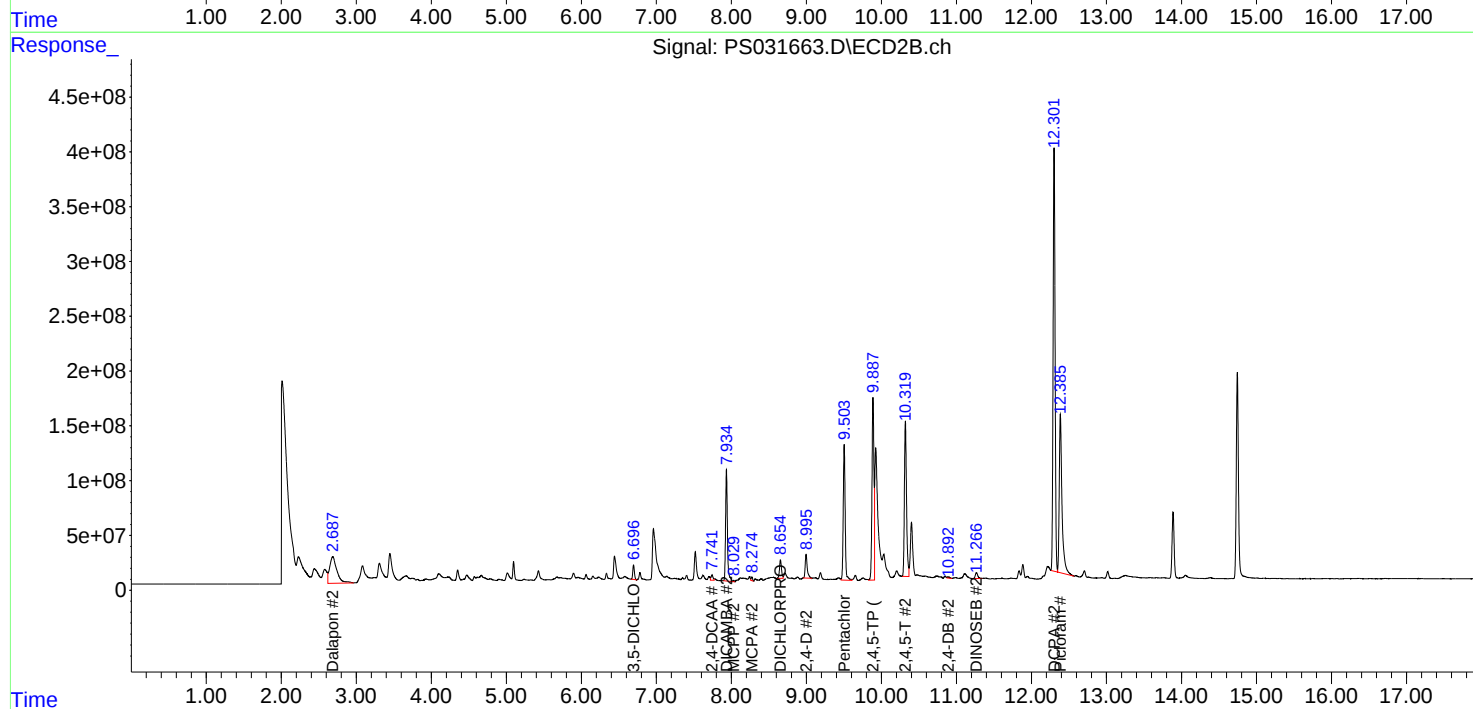
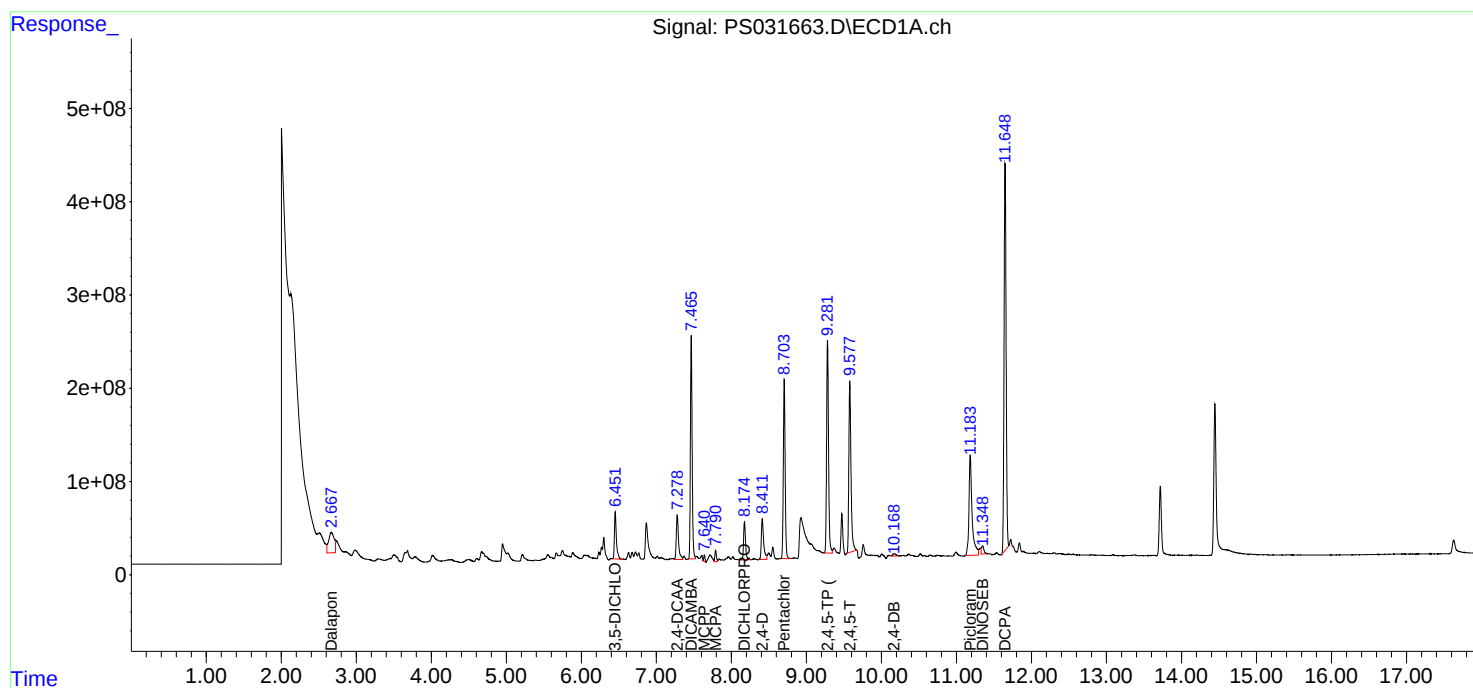
Instrument :
ECD_S
ClientSampleId :
TP-2MSD

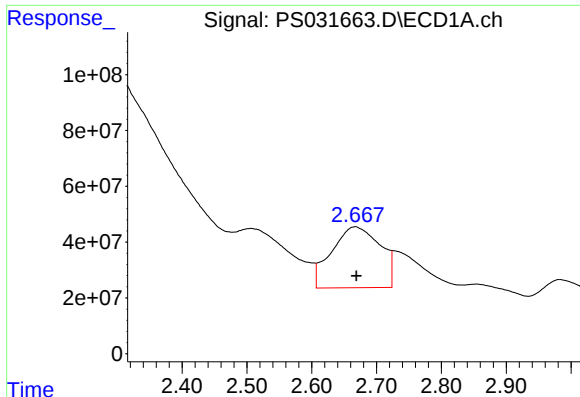
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Integration File signal 1: autoint1.e
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Quant Time: Sep 09 04:07:50 2025
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Quant Title : 8080.M
QLast Update : Tue Sep 09 03:37:51 2025
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





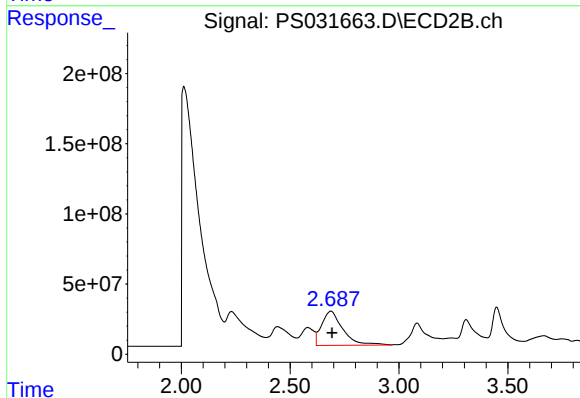
#1 Dalapon

R.T.: 2.667 min
Delta R.T.: -0.002 min
Response: 1141113601
Conc: 199.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MSD

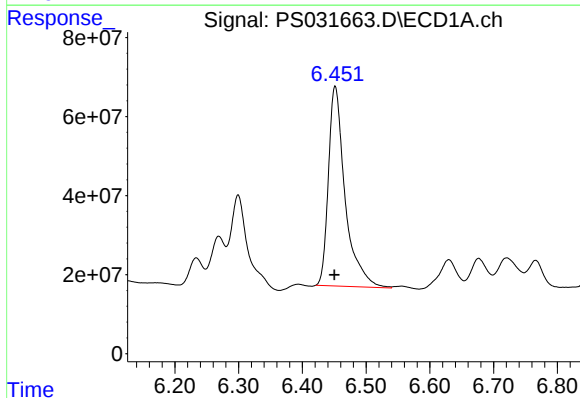
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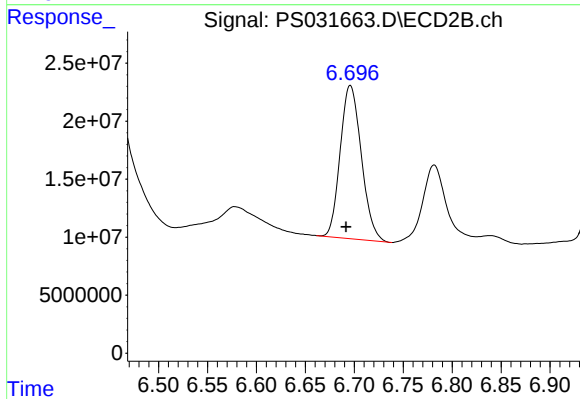
#1 Dalapon

R.T.: 2.687 min
Delta R.T.: -0.006 min
Response: 1638749977
Conc: 589.69 ng/ml



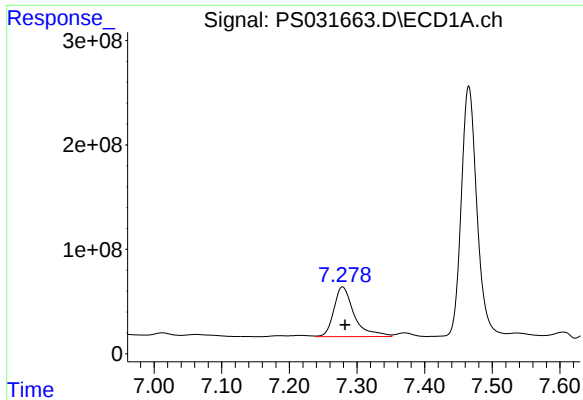
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: 0.001 min
Response: 919192897
Conc: 166.85 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: 0.004 min
Response: 198729227
Conc: 130.33 ng/ml



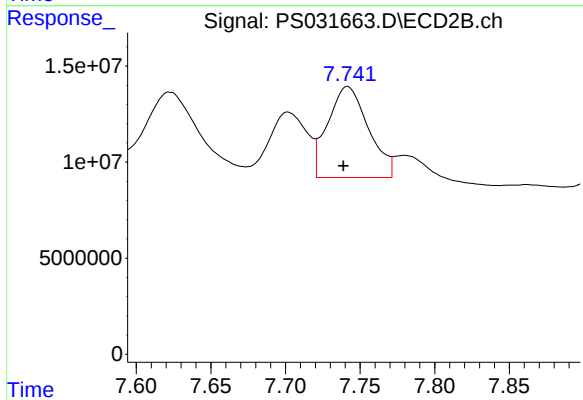
#4 2,4-DCAA

R.T.: 7.279 min
Delta R.T.: -0.003 min
Response: 995235691
Conc: 270.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MSD

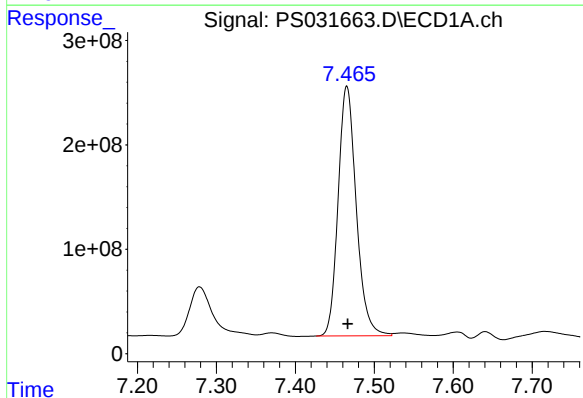
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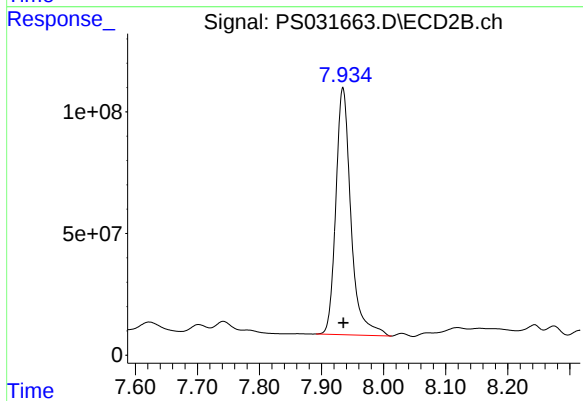
#4 2,4-DCAA

R.T.: 7.741 min
Delta R.T.: 0.002 min
Response: 89488875
Conc: 105.88 ng/ml m



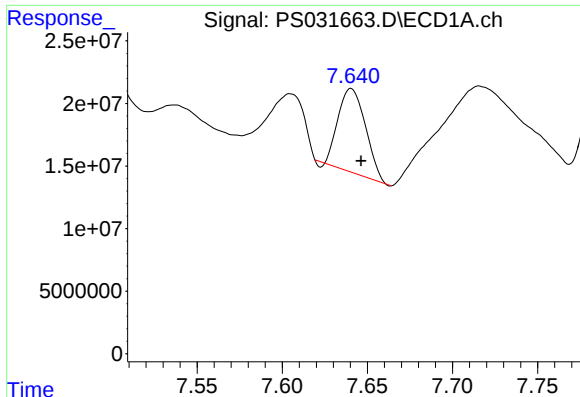
#5 DICAMBA

R.T.: 7.465 min
Delta R.T.: -0.001 min
Response: 3821684479
Conc: 234.60 ng/ml



#5 DICAMBA

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 1716796368
Conc: 268.99 ng/ml



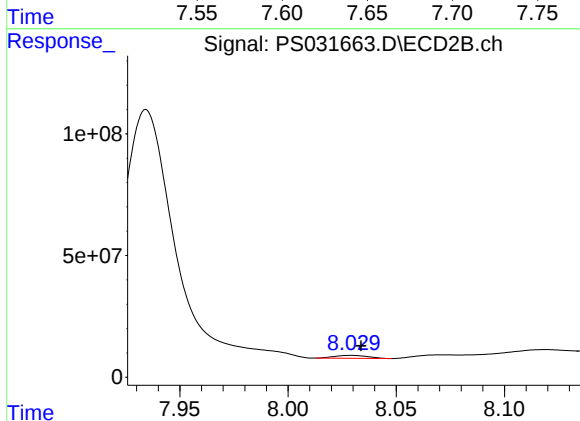
#6 MCPP

R.T.: 7.641 min
Delta R.T.: -0.006 min
Response: 74499862
Conc: 8.35 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MSD

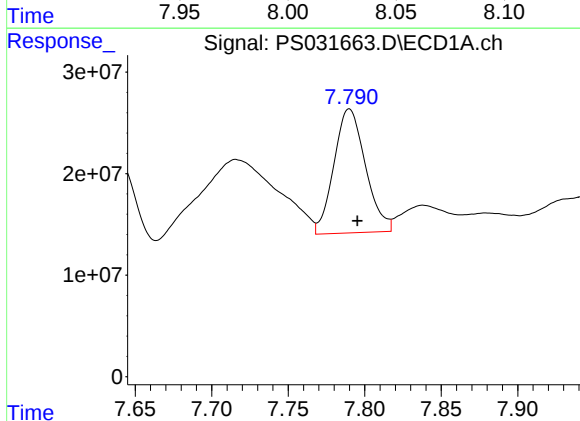
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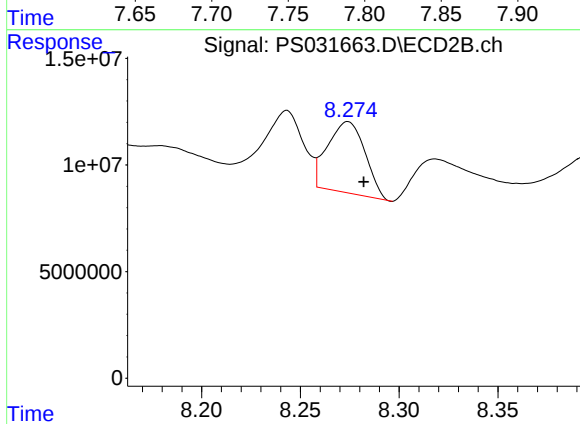
#6 MCPP

R.T.: 8.029 min
Delta R.T.: -0.004 min
Response: 12918536
Conc: 6.80 ug/ml



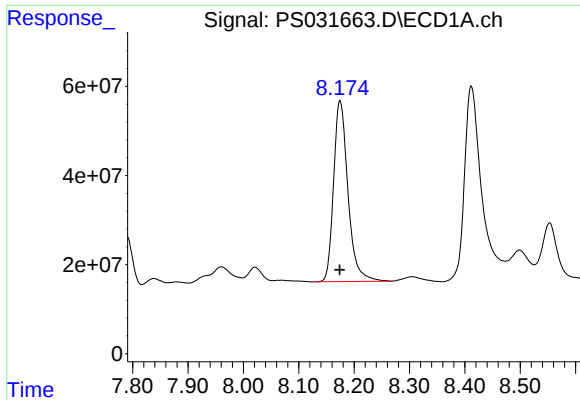
#7 MCPA

R.T.: 7.790 min
Delta R.T.: -0.005 min
Response: 175869904
Conc: 16.12 ug/ml



#7 MCPA

R.T.: 8.274 min
Delta R.T.: -0.008 min
Response: 44045903
Conc: 16.48 ug/ml



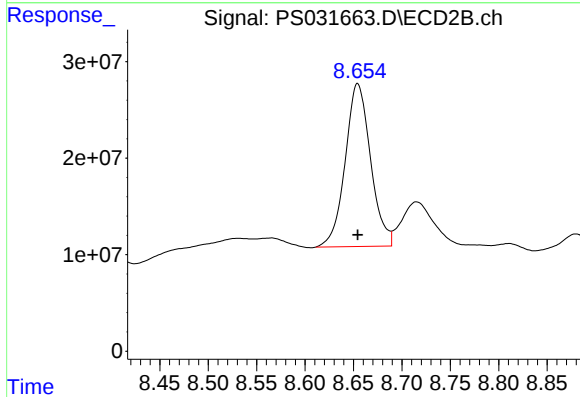
#8 DICHLORPROP

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 732317039
Conc: 201.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MSD

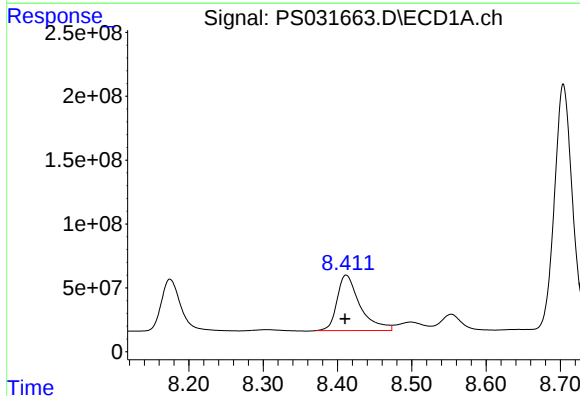
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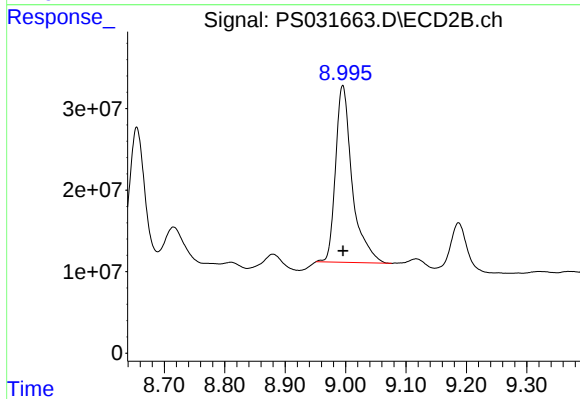
#8 DICHLORPROP

R.T.: 8.654 min
Delta R.T.: 0.000 min
Response: 307913324
Conc: 210.71 ng/ml



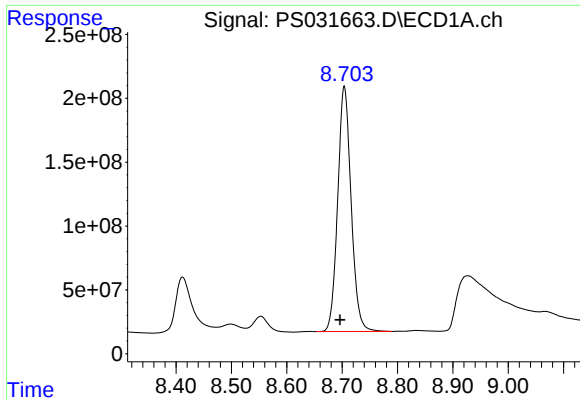
#9 2,4-D

R.T.: 8.412 min
Delta R.T.: 0.002 min
Response: 932413541
Conc: 253.48 ng/ml



#9 2,4-D

R.T.: 8.995 min
Delta R.T.: 0.000 min
Response: 414700863
Conc: 278.17 ng/ml



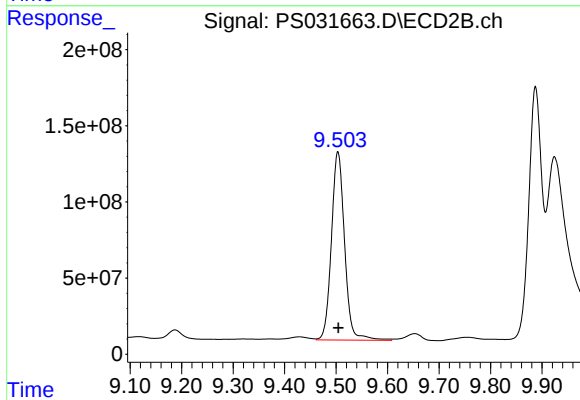
#10 Pentachlorophenol

R.T.: 8.704 min
Delta R.T.: 0.008 min
Response: 3233338414
Conc: 58.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MSD

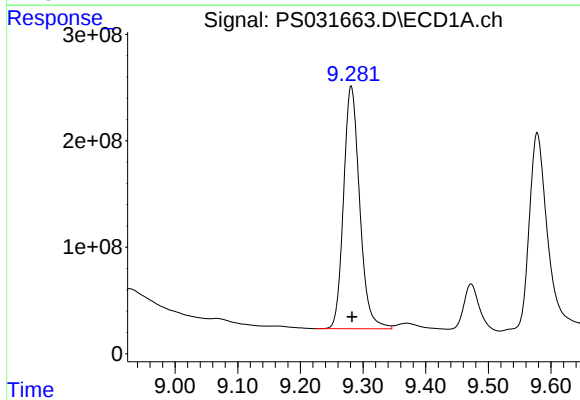
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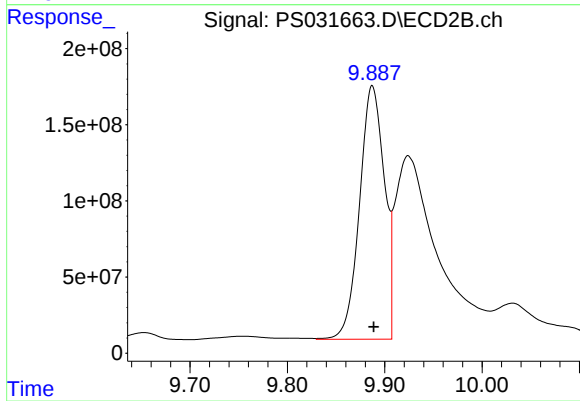
#10 Pentachlorophenol

R.T.: 9.504 min
Delta R.T.: 0.000 min
Response: 2200340839
Conc: 55.84 ng/ml



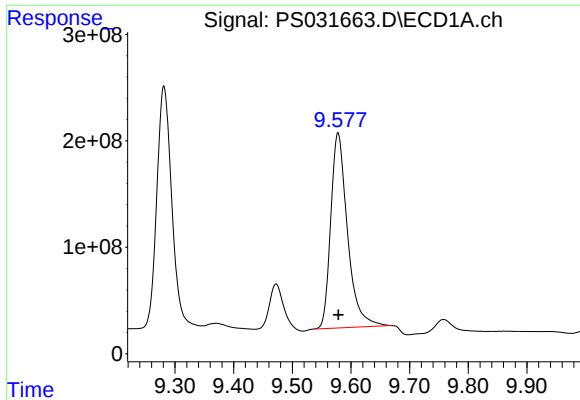
#11 2,4,5-TP (SILVEX)

R.T.: 9.281 min
Delta R.T.: -0.001 min
Response: 4073612333
Conc: 188.93 ng/ml



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

R.T.: 9.887 min
Delta R.T.: -0.001 min
Response: 2948587558
Conc: 201.39 ng/ml



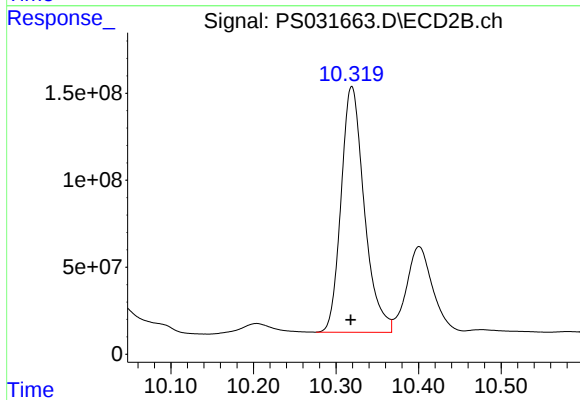
#12 2,4,5-T

R.T.: 9.577 min
Delta R.T.: -0.002 min
Response: 3635077621
Conc: 201.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MSD

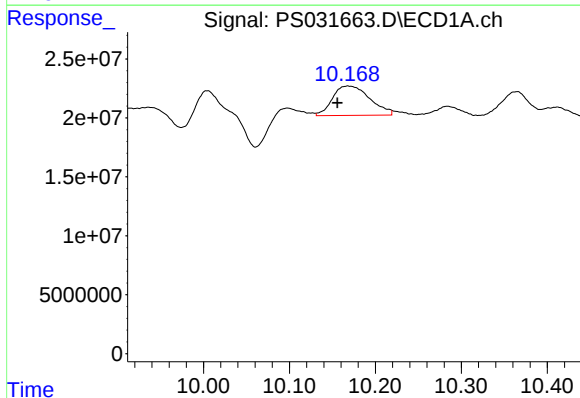
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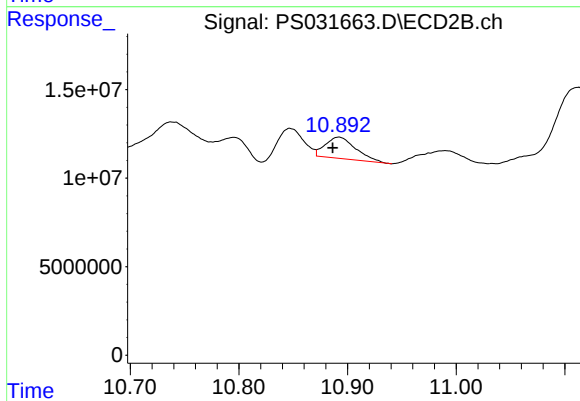
#12 2,4,5-T

R.T.: 10.319 min
Delta R.T.: 0.001 min
Response: 2761261567
Conc: 228.41 ng/ml m



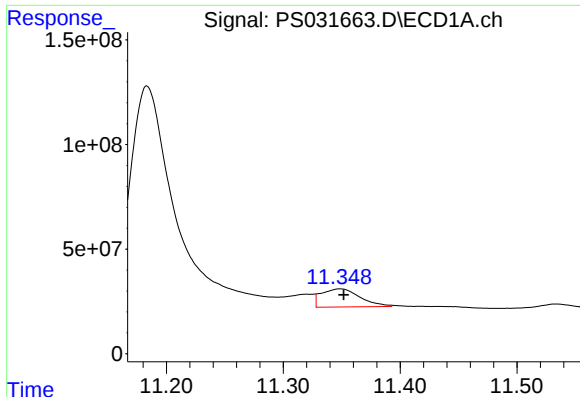
#13 2,4-DB

R.T.: 10.168 min
Delta R.T.: 0.011 min
Response: 75002542
Conc: 37.87 ng/ml m



#13 2,4-DB

R.T.: 10.892 min
Delta R.T.: 0.006 min
Response: 23445899
Conc: 30.48 ng/ml



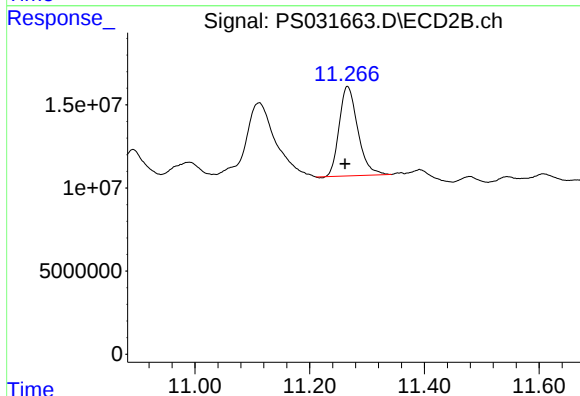
#14 DINOSEB

R.T.: 11.348 min
Delta R.T.: -0.004 min
Response: 197359596
Conc: 12.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MSD

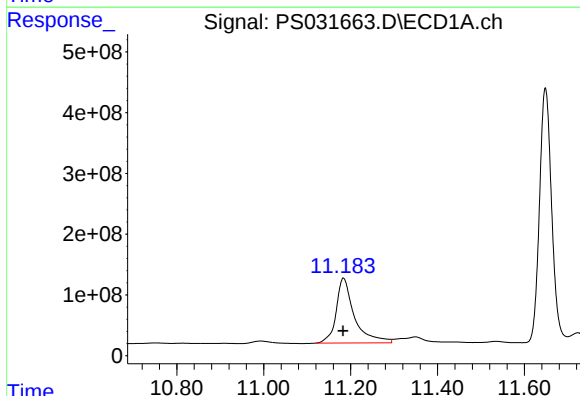
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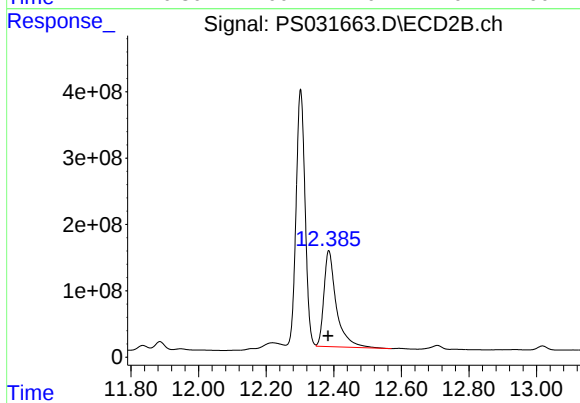
#14 DINOSEB

R.T.: 11.266 min
Delta R.T.: 0.004 min
Response: 120936078
Conc: 11.22 ng/ml



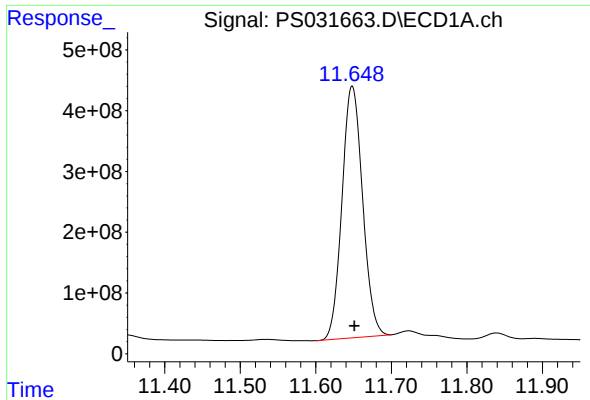
#15 Picloram

R.T.: 11.184 min
Delta R.T.: 0.002 min
Response: 3111962446
Conc: 242.94 ng/ml



#15 Picloram

R.T.: 12.385 min
Delta R.T.: 0.002 min
Response: 3690824046
Conc: 223.57 ng/ml



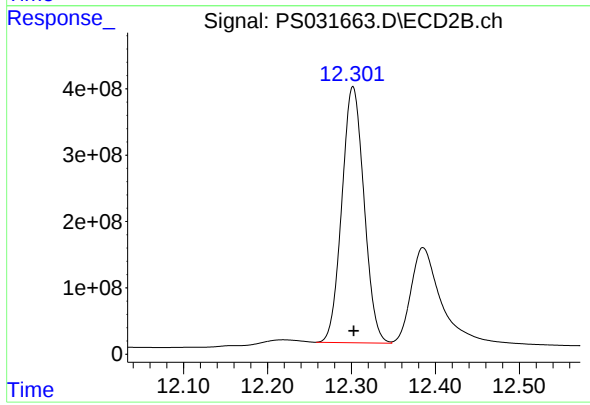
#16 DCPA

R.T.: 11.648 min
Delta R.T.: -0.003 min
Response: 7854348825
Conc: 285.33 ng/ml

Instrument :
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ClientSampleId :
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#16 DCPA

R.T.: 12.302 min
Delta R.T.: 0.000 min
Response: 7081682479
Conc: 297.75 ng/ml