

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS073025\
 Data File : PS031314.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2025 13:13
 Operator : AR\AJ
 Sample : PB169051BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169051BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/31/2025
 Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 01:41:22 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 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	7.310	7.763	1602.6E6	425.3E6	550.065	509.276
Target Compounds							
1) T	Dalapon	2.683	2.701	2317.4E6	1152.3E6	480.327	469.125
2) T	3,5-DICHL...	6.473	6.711	2265.6E6	623.9E6	531.469m	482.824
3) T	4-Nitroph...	7.112	7.305	520.0E6	569.0E6	510.739	440.765
5) T	DICAMBA	7.497	7.961	6441.6E6	2565.4E6	498.553	473.243
6) T	MCPD	7.676	8.058	427.5E6	116.2E6	53.154m	67.991m#
7) T	MCPA	7.825	8.306	485.9E6	128.9E6	49.704	49.705
8) T	DICHLORPROP	8.207	8.682	1527.4E6	637.8E6	502.433	490.620
9) T	2,4-D	8.441	9.022	1385.5E6	665.8E6	534.246	477.116
10) T	Pentachlo...	8.738	9.534	24679.5E6	16927.1E6	542.661	505.340
11) T	2,4,5-TP ...	9.319	9.920	8623.7E6	6268.7E6	517.591	493.493
12) T	2,4,5-T	9.615	10.349	6818.7E6	5672.6E6	512.658	486.307
13) T	2,4-DB	10.193	10.919	887.7E6	461.8E6	508.043	478.145
14) T	DINOSEB	11.399	11.297	6054.7E6	4642.2E6	528.167	497.030
15) T	Picloram	11.220	12.417	5704.8E6	8651.7E6	487.189	506.095m
16) T	DCPA	11.696	12.341	11243.5E6	8971.0E6	542.220m	480.972

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

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Operator : AR\AJ
Sample : PB169051BS
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ALS Vial : 11 Sample Multiplier: 1

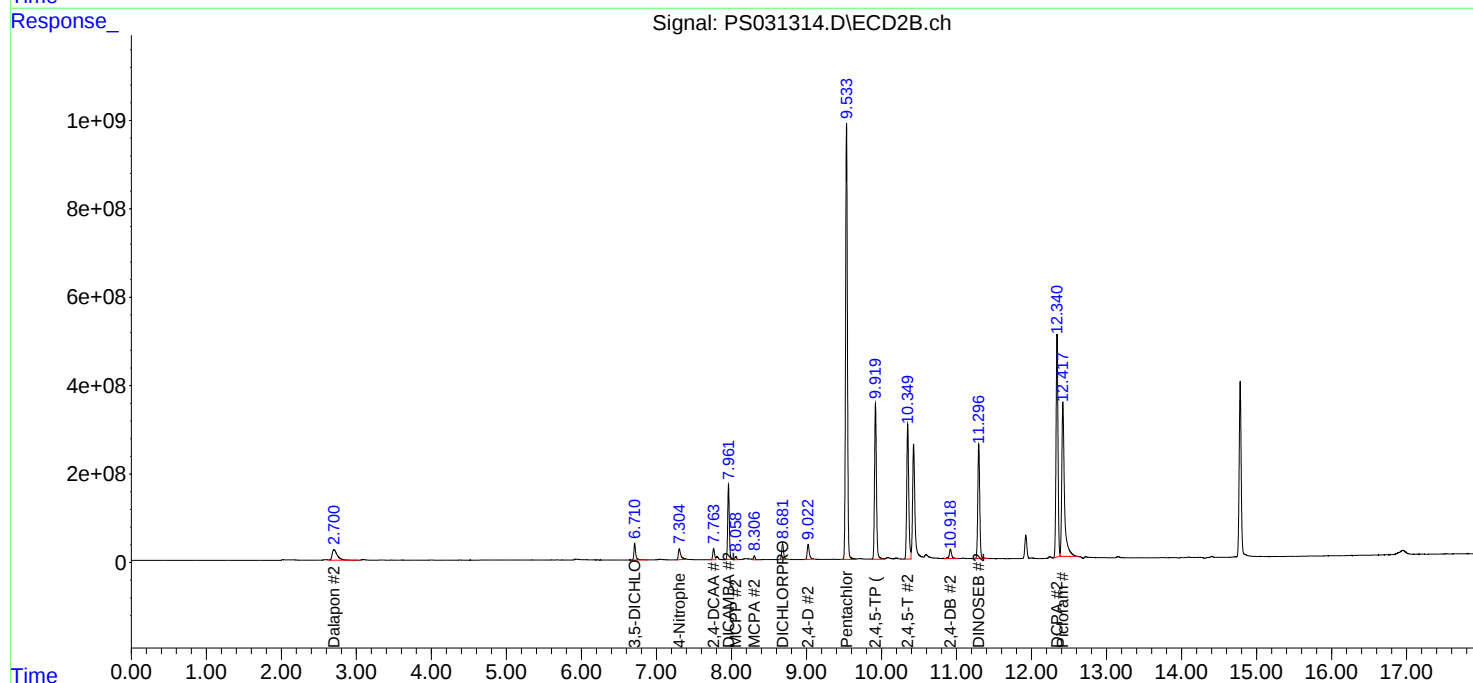
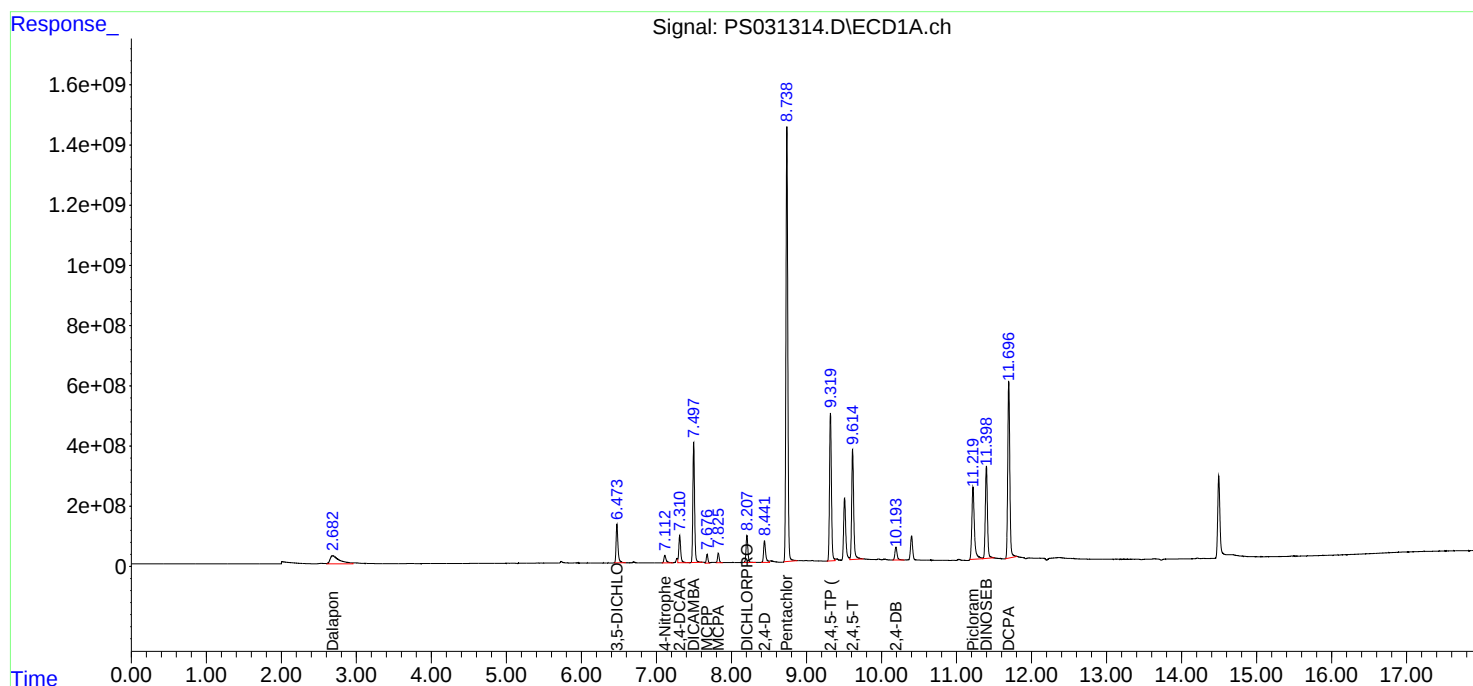
Instrument :
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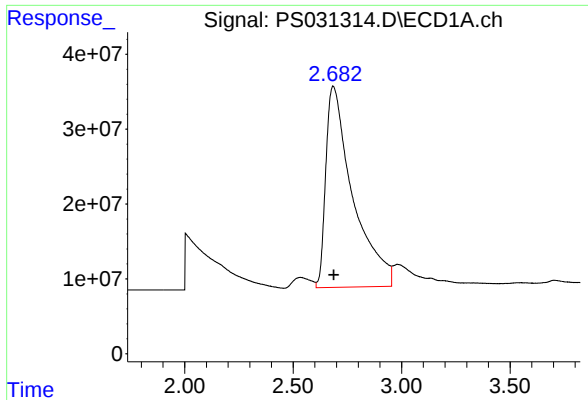
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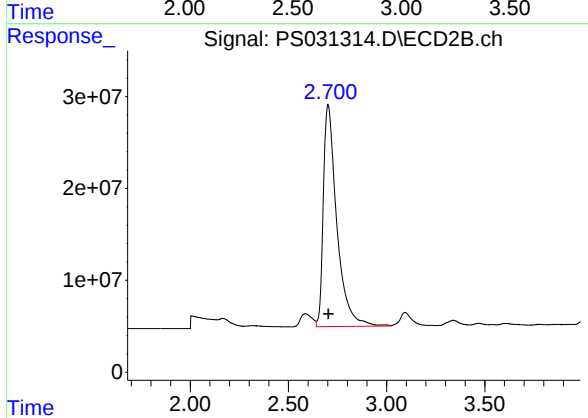
#1 Dalapon

R.T.: 2.683 min
Delta R.T.: -0.004 min
Response: 2317366626
Conc: 480.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169051BS

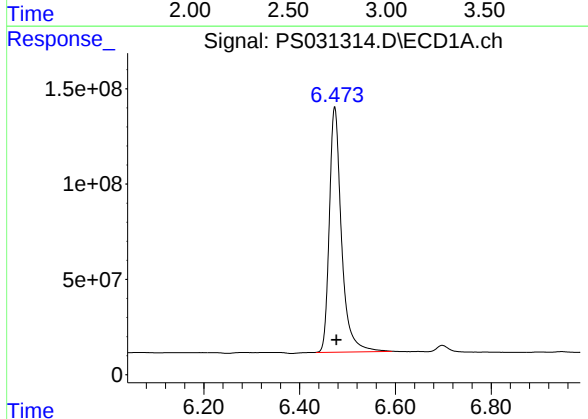
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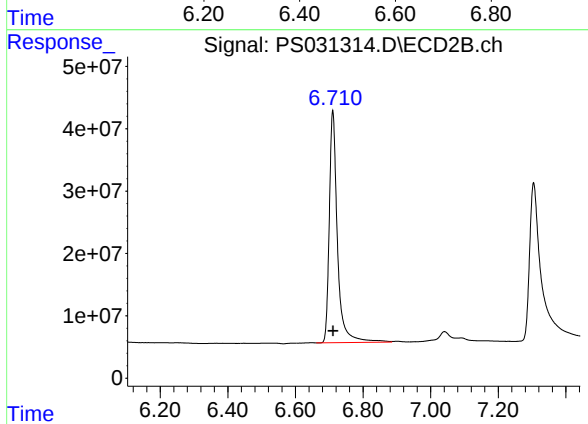
#1 Dalapon

R.T.: 2.701 min
Delta R.T.: -0.002 min
Response: 1152257563
Conc: 469.12 ng/ml



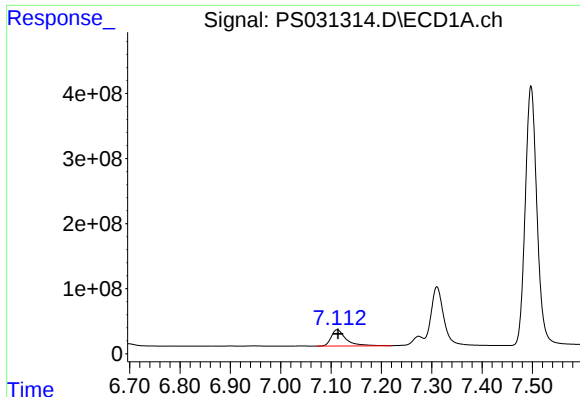
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.473 min
Delta R.T.: -0.004 min
Response: 2265617454
Conc: 531.47 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 623939298
Conc: 482.82 ng/ml



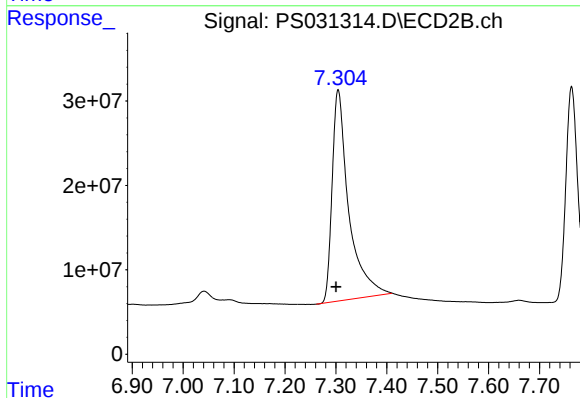
#3 4-Nitrophenol

R.T.: 7.112 min
Delta R.T.: -0.002 min
Response: 520034916
Conc: 510.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169051BS

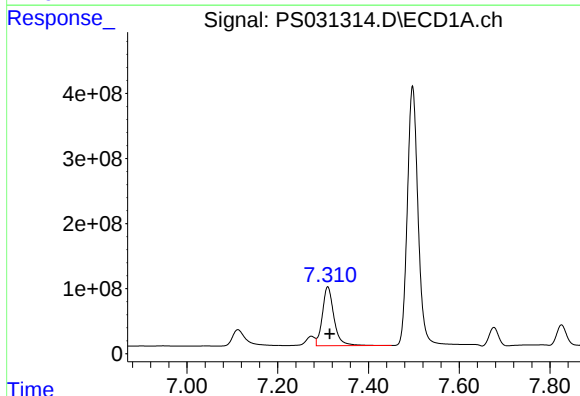
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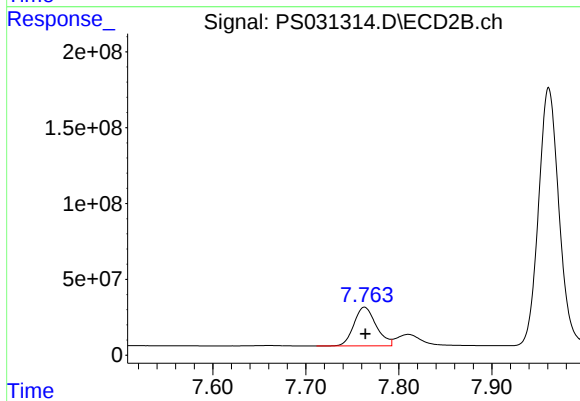
#3 4-Nitrophenol

R.T.: 7.305 min
Delta R.T.: 0.005 min
Response: 568988625
Conc: 440.76 ng/ml



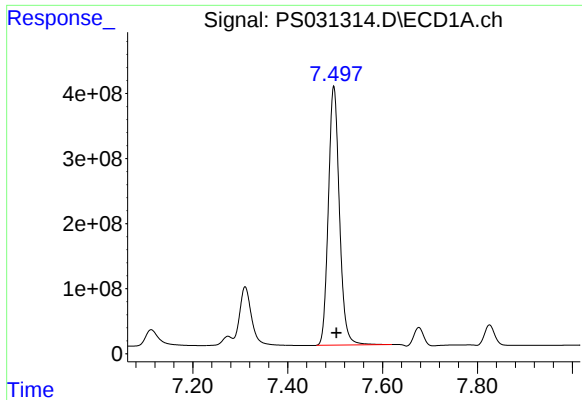
#4 2,4-DCAA

R.T.: 7.310 min
Delta R.T.: -0.004 min
Response: 1602561571
Conc: 550.06 ng/ml



#4 2,4-DCAA

R.T.: 7.763 min
Delta R.T.: -0.001 min
Response: 425286433
Conc: 509.28 ng/ml



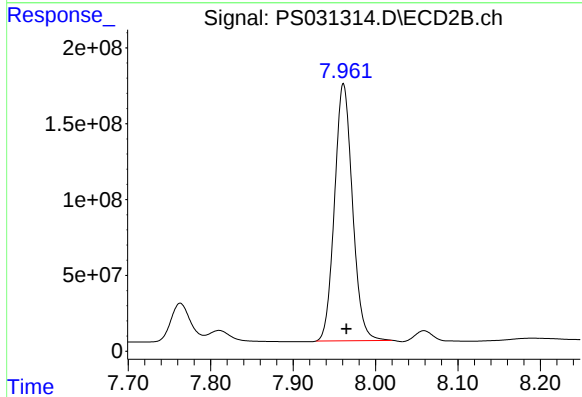
#5 DICAMBA

R.T.: 7.497 min
Delta R.T.: -0.006 min
Response: 6441594024
Conc: 498.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169051BS

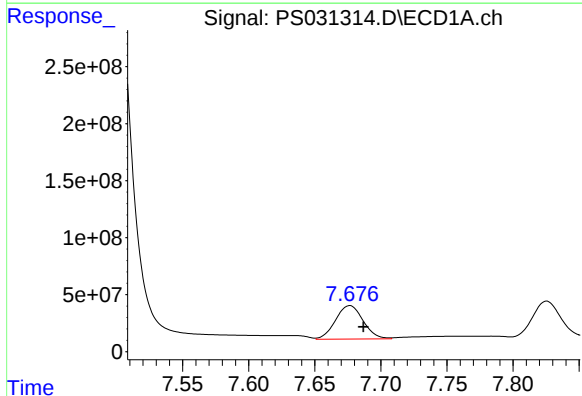
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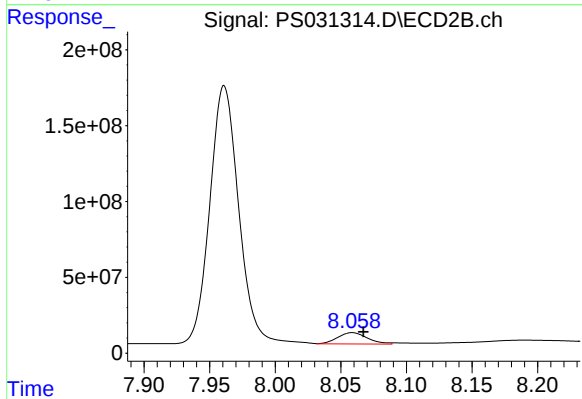
#5 DICAMBA

R.T.: 7.961 min
Delta R.T.: -0.004 min
Response: 2565378241
Conc: 473.24 ng/ml



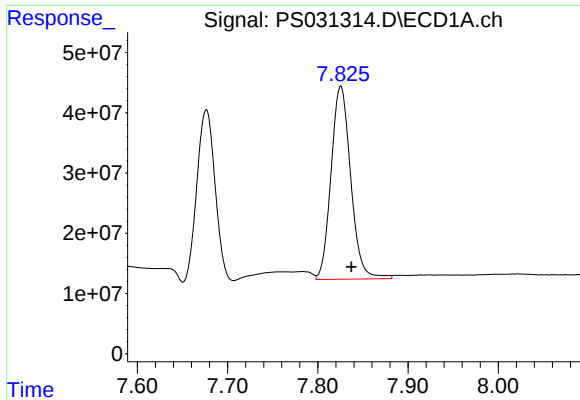
#6 MCPP

R.T.: 7.676 min
Delta R.T.: -0.011 min
Response: 427500244
Conc: 53.15 ug/ml m



#6 MCPP

R.T.: 8.058 min
Delta R.T.: -0.009 min
Response: 116223244
Conc: 67.99 ug/ml m



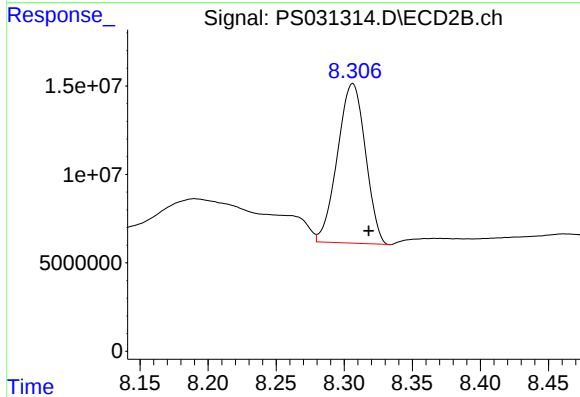
#7 MCPA

R.T.: 7.825 min
Delta R.T.: -0.012 min
Response: 485902129
Conc: 49.70 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB169051BS

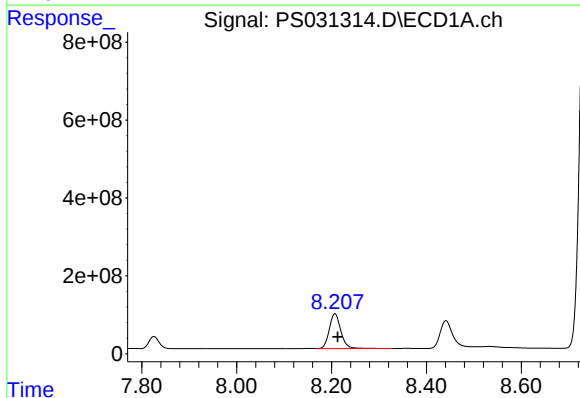
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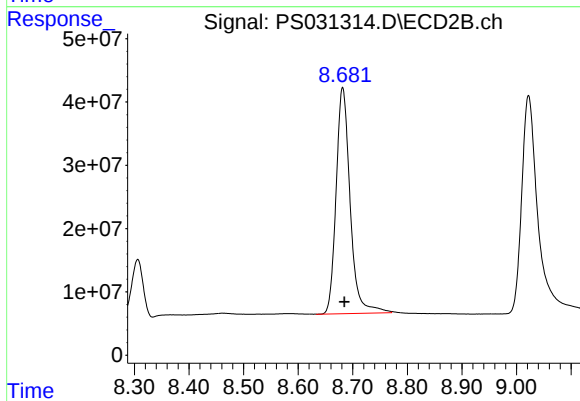
#7 MCPA

R.T.: 8.306 min
Delta R.T.: -0.012 min
Response: 128932817
Conc: 49.71 ug/ml



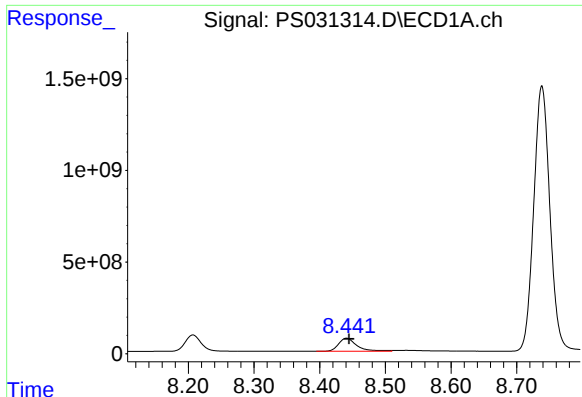
#8 DICHLORPROP

R.T.: 8.207 min
Delta R.T.: -0.006 min
Response: 1527402380
Conc: 502.43 ng/ml



#8 DICHLORPROP

R.T.: 8.682 min
Delta R.T.: -0.003 min
Response: 637833739
Conc: 490.62 ng/ml



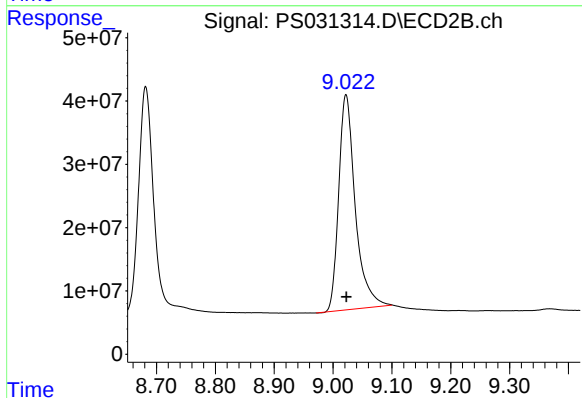
#9 2,4-D

R.T.: 8.441 min
Delta R.T.: -0.004 min
Response: 1385480922
Conc: 534.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169051BS

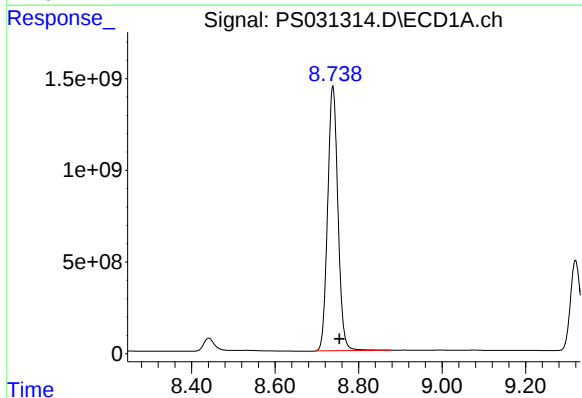
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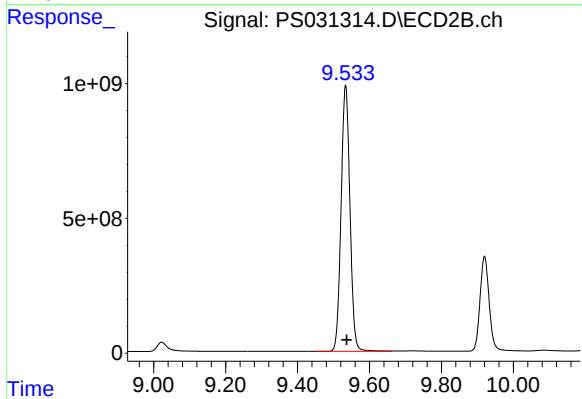
#9 2,4-D

R.T.: 9.022 min
Delta R.T.: 0.000 min
Response: 665829787
Conc: 477.12 ng/ml



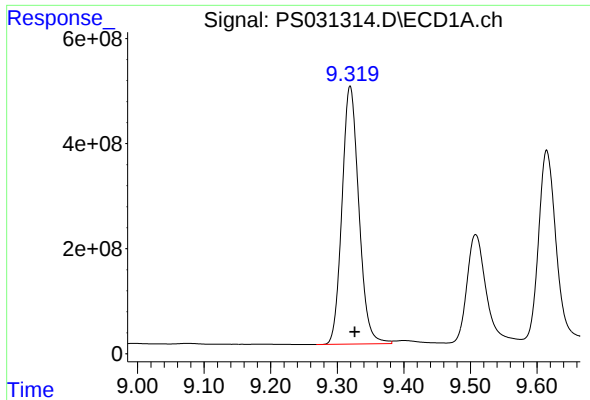
#10 Pentachlorophenol

R.T.: 8.738 min
Delta R.T.: -0.015 min
Response: 24679539711
Conc: 542.66 ng/ml



#10 Pentachlorophenol

R.T.: 9.534 min
Delta R.T.: -0.003 min
Response: 16927068360
Conc: 505.34 ng/ml



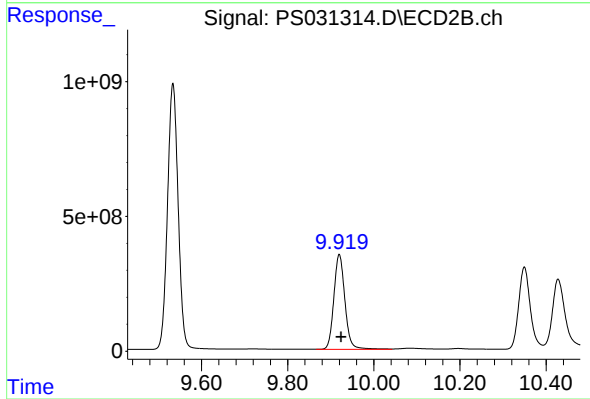
#11 2,4,5-TP (SILVEX)

R.T.: 9.319 min
Delta R.T.: -0.007 min
Response: 8623718322
Conc: 517.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169051BS

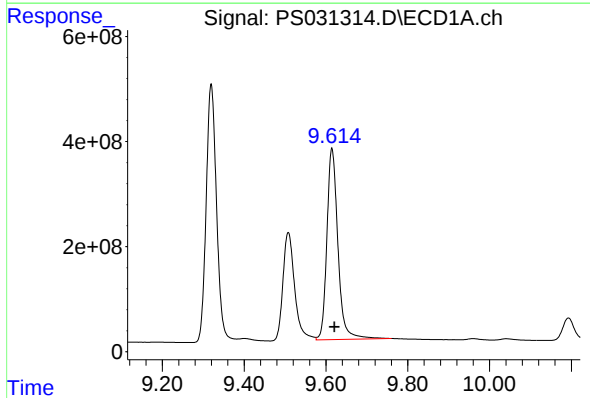
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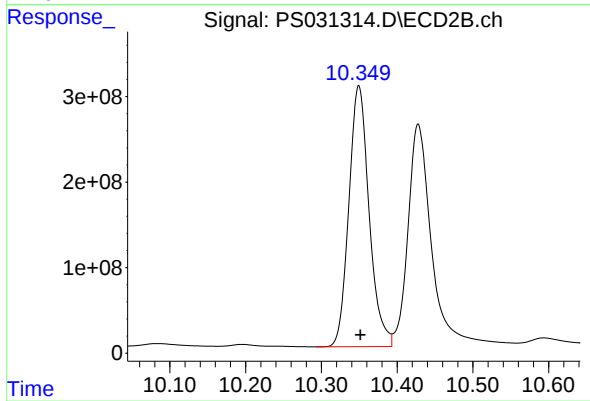
#11 2,4,5-TP (SILVEX)

R.T.: 9.920 min
Delta R.T.: -0.004 min
Response: 6268741961
Conc: 493.49 ng/ml



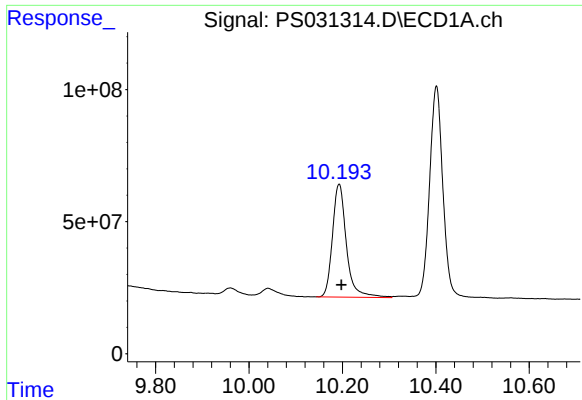
#12 2,4,5-T

R.T.: 9.615 min
Delta R.T.: -0.006 min
Response: 6818727735
Conc: 512.66 ng/ml



#12 2,4,5-T

R.T.: 10.349 min
Delta R.T.: -0.002 min
Response: 5672611178
Conc: 486.31 ng/ml



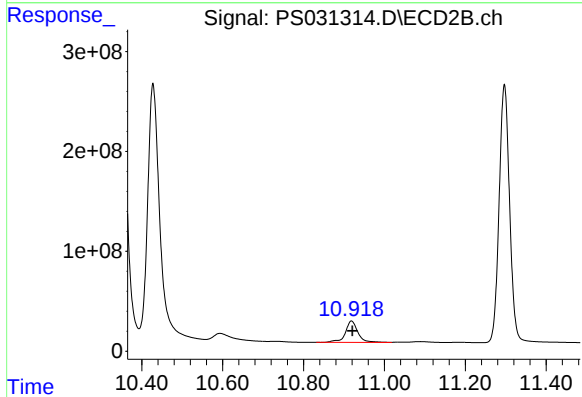
#13 2,4-DB

R.T.: 10.193 min
Delta R.T.: -0.005 min
Response: 887679948
Conc: 508.04 ng/ml

Instrument :
ECD_S
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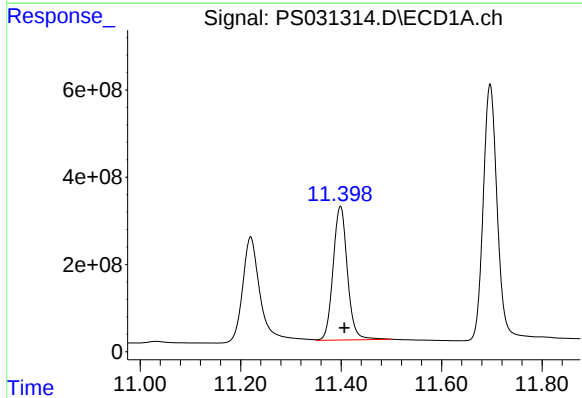
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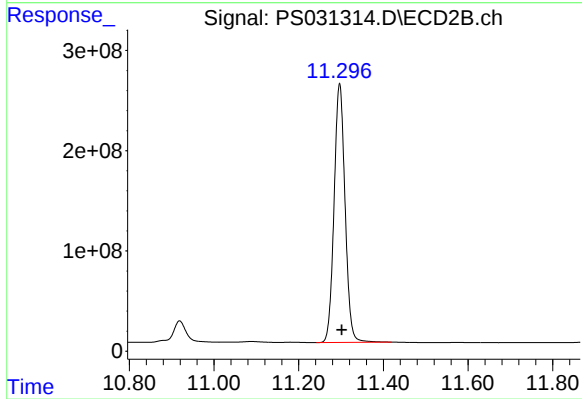
#13 2,4-DB

R.T.: 10.919 min
Delta R.T.: -0.002 min
Response: 461818770
Conc: 478.14 ng/ml



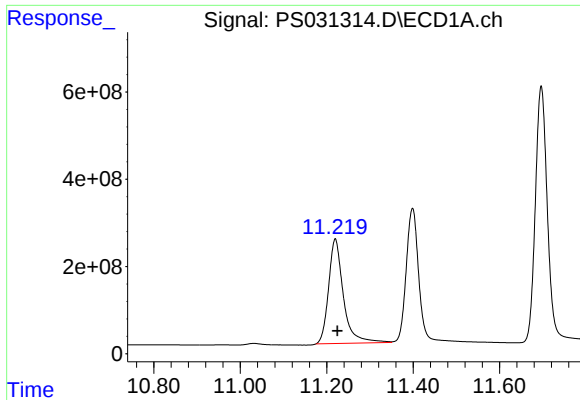
#14 DINOSEB

R.T.: 11.399 min
Delta R.T.: -0.008 min
Response: 6054660805
Conc: 528.17 ng/ml



#14 DINOSEB

R.T.: 11.297 min
Delta R.T.: -0.005 min
Response: 4642226569
Conc: 497.03 ng/ml



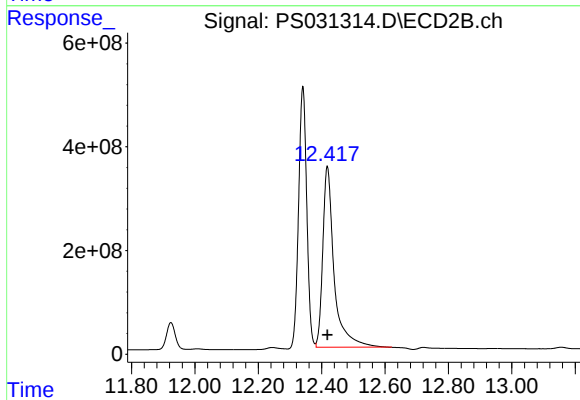
#15 Picloram

R.T.: 11.220 min
Delta R.T.: -0.005 min
Response: 5704802592
Conc: 487.19 ng/ml

Instrument :
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PB169051BS

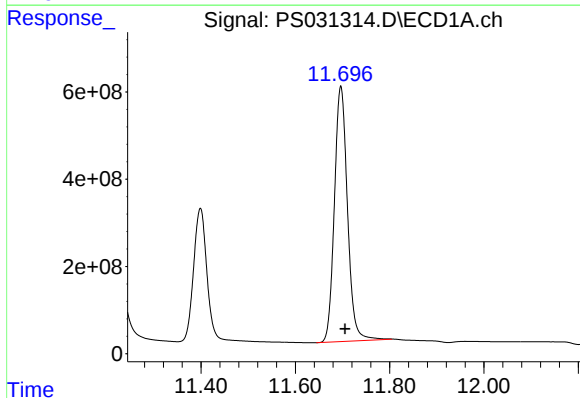
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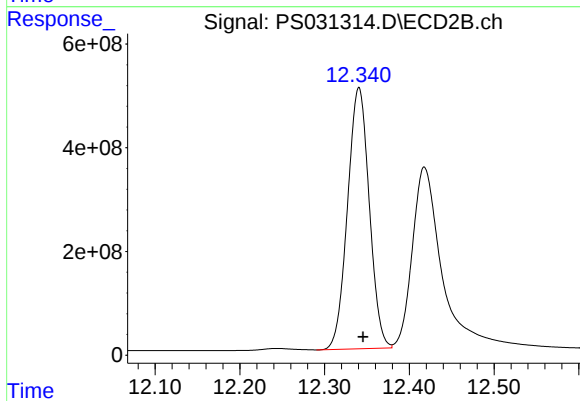
#15 Picloram

R.T.: 12.417 min
Delta R.T.: -0.002 min
Response: 8651659850
Conc: 506.10 ng/ml m



#16 DCPA

R.T.: 11.696 min
Delta R.T.: -0.009 min
Response: 11243537410
Conc: 542.22 ng/ml m



#16 DCPA

R.T.: 12.341 min
Delta R.T.: -0.005 min
Response: 8970974755
Conc: 480.97 ng/ml