

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS110725\
 Data File : PS032311.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2025 03:24
 Operator : AR\AJ
 Sample : PB170416BS
 Misc : MDL-WATER-03-QT4-2025
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB170416BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/10/2025
 Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 05:50:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS110325.M
 Quant Title : 8080.M
 QLast Update : Tue Nov 04 04:59:50 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	7.284	7.616	1886.6E6	1899.3E6	416.353	520.988m#
Target Compounds							
1) T	Dalapon	2.643	2.616	330.1E6	2838.4E6	45.982m	408.173m#
2) T	3,5-DICHL...	6.457	6.596	306.6E6	237.5E6	47.413	39.519
3) T	4-Nitroph...	7.136f	7.196	54609481	4280249	40.679	1.886m#
5) T	DICAMBA	7.469	7.810	934.1E6	833.3E6	49.514	48.246m
6) T	MCPD	7.639	7.901	19557108	34396044	1.796m	2.586 #
7) T	MCPA	7.789	8.146	24136571	30466058	1.798m	1.869
8) T	DICHLORPROP	8.181	8.528	317.4E6	259.9E6	71.348	54.488
9) T	2,4-D	8.441f	8.889f	236.2E6	355.6E6	52.361m	67.791 #
10) T	Pentachlo...	8.704	9.360	3819.9E6	3923.9E6	60.886	66.844
11) T	2,4,5-TP ...	9.283	9.745	1459.1E6	2186.2E6	56.095m	81.410m#
12) T	2,4,5-T	9.591	10.192	1177.8E6	1366.4E6	49.407m	57.609m
13) T	2,4-DB	10.182f	10.764f	132.1E6	184.0E6	50.117m	48.791m
14) T	DINOSEB	11.347	11.111	976.3E6	846.3E6	46.918	47.847
15) T	Picloram	11.229f	12.261f	888.9E6	2260.2E6	41.877m	60.787 #
16) T	DCPA	11.643	12.142	1410.8E6	2047.4E6	42.050	64.261m#

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

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Operator : AR\AJ
Sample : PB170416BS
Misc : MDL-WATER-03-QT4-2025
ALS Vial : 32 Sample Multiplier: 1

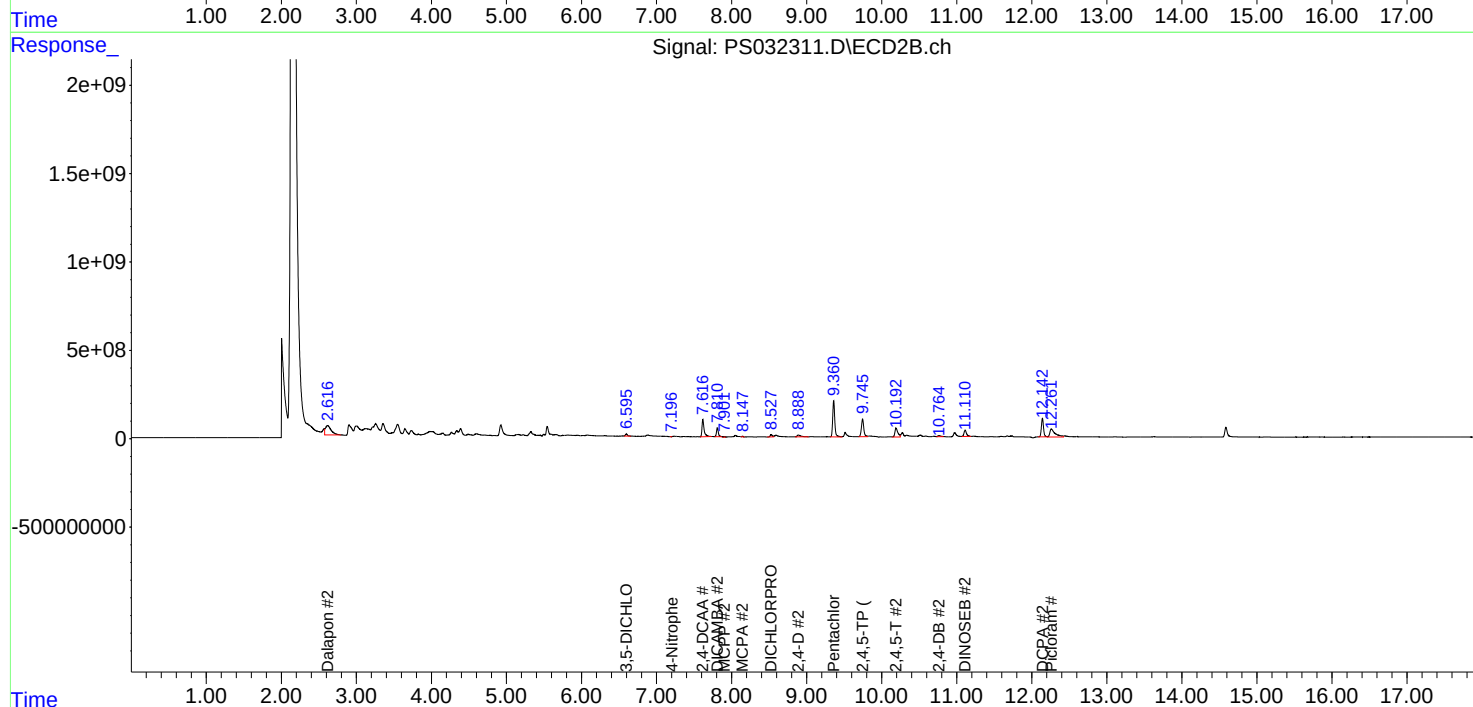
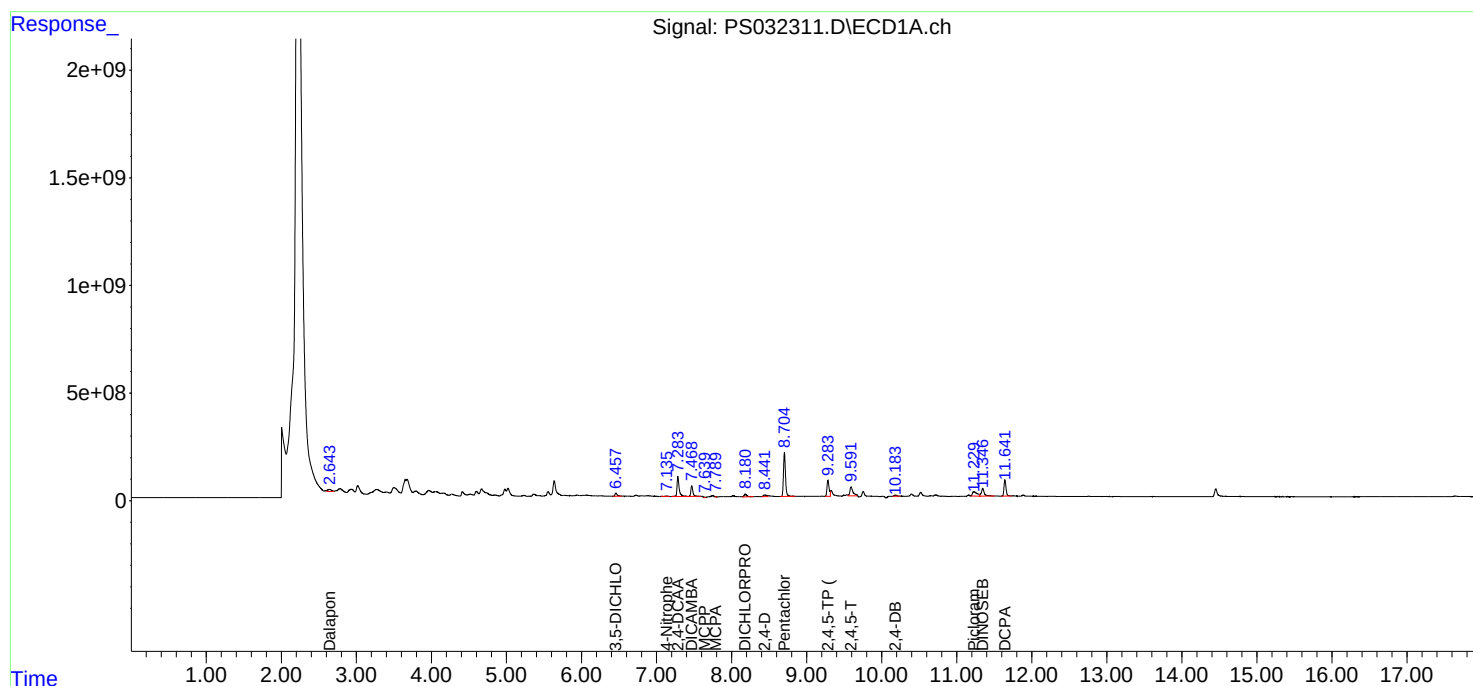
Instrument :
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ClientSampleId :
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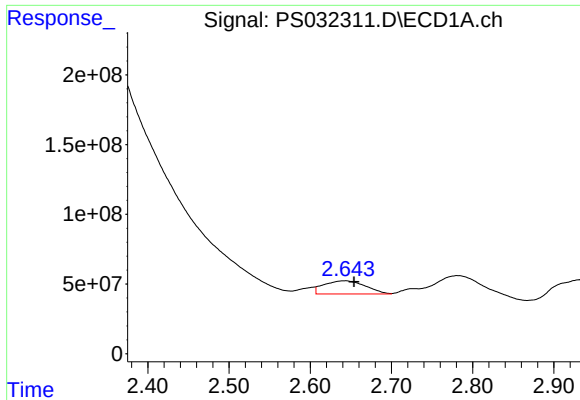
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Supervised By :Yogesh Patel 11/10/2025

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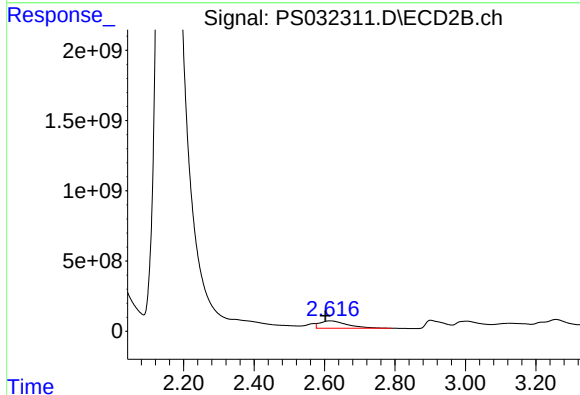
#1 Dalapon

R.T.: 2.643 min
Delta R.T.: -0.011 min
Response: 330097922
Conc: 45.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170416BS

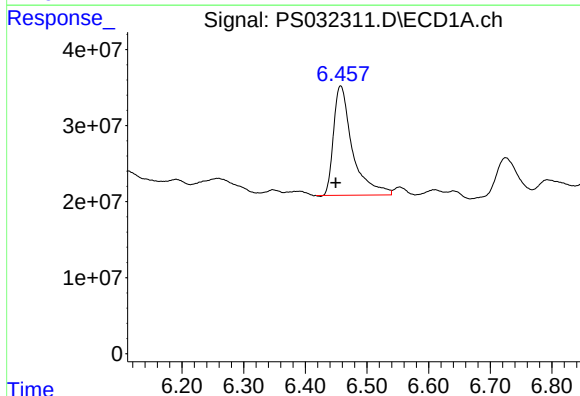
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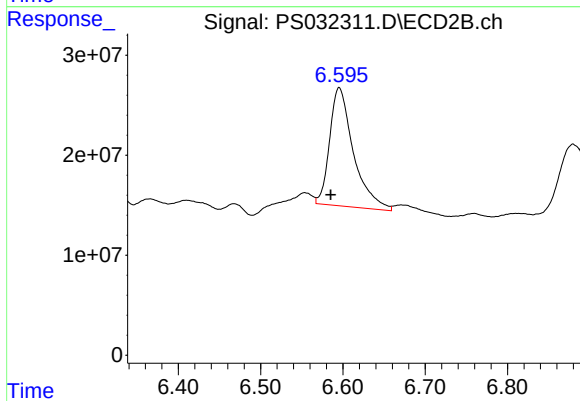
#1 Dalapon

R.T.: 2.616 min
Delta R.T.: 0.013 min
Response: 2838433120
Conc: 408.17 ng/ml m



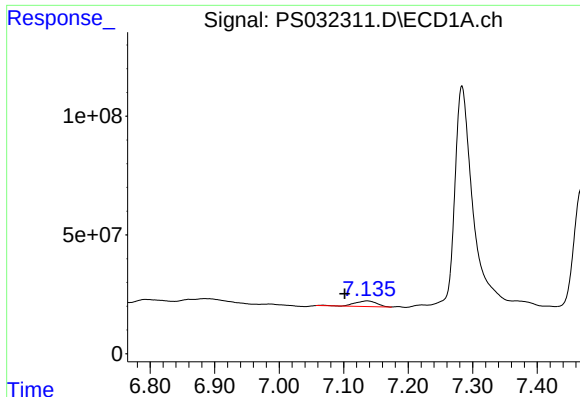
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.457 min
Delta R.T.: 0.008 min
Response: 306583937
Conc: 47.41 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.596 min
Delta R.T.: 0.010 min
Response: 237467686
Conc: 39.52 ng/ml



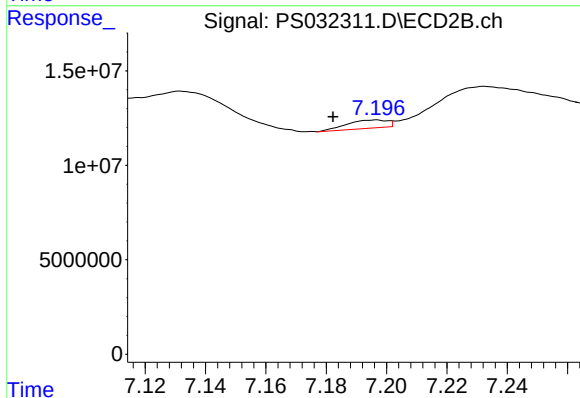
#3 4-Nitrophenol

R.T.: 7.136 min
Delta R.T.: 0.035 min
Response: 54609481
Conc: 40.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170416BS

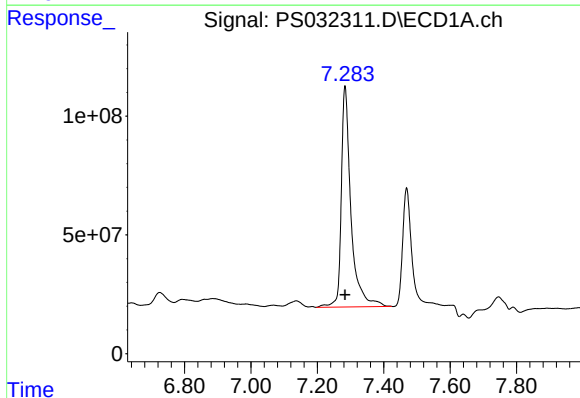
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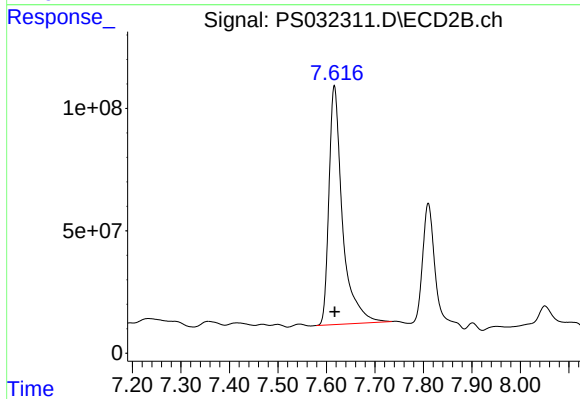
#3 4-Nitrophenol

R.T.: 7.196 min
Delta R.T.: 0.014 min
Response: 4280249
Conc: 1.89 ng/ml m



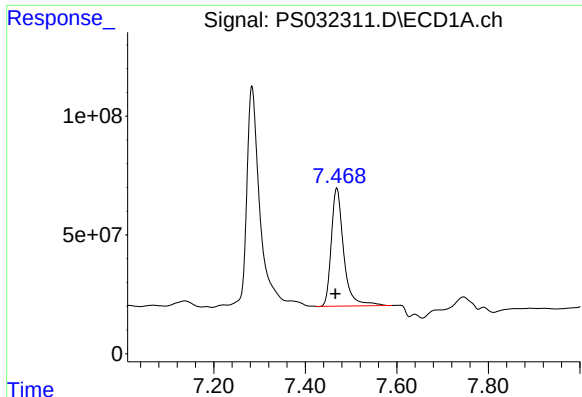
#4 2,4-DCAA

R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 1886611156
Conc: 416.35 ng/ml



#4 2,4-DCAA

R.T.: 7.616 min
Delta R.T.: -0.001 min
Response: 1899258269
Conc: 520.99 ng/ml m



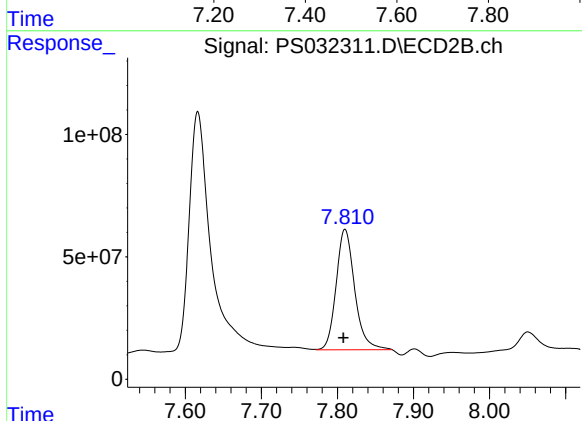
#5 DICAMBA

R.T.: 7.469 min
Delta R.T.: 0.003 min
Response: 934136585
Conc: 49.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170416BS

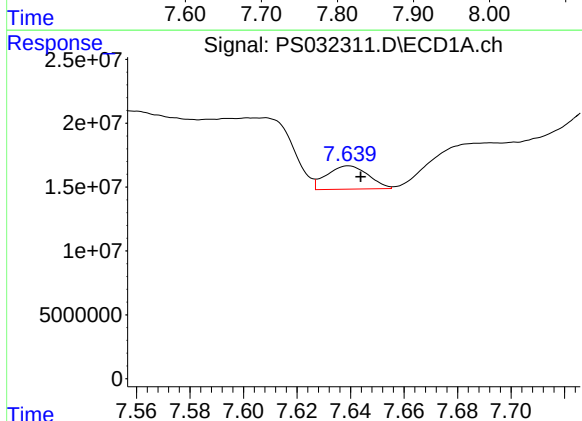
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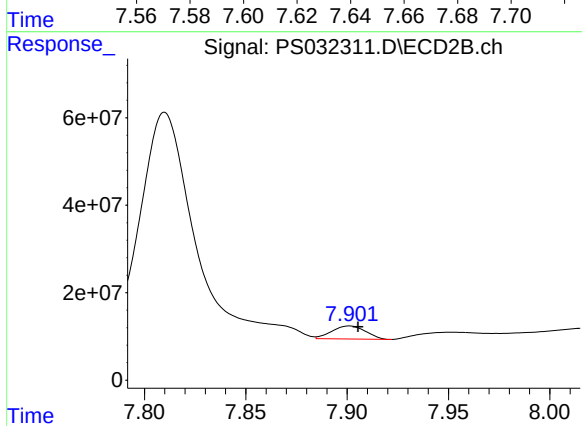
#5 DICAMBA

R.T.: 7.810 min
Delta R.T.: 0.002 min
Response: 833335062
Conc: 48.25 ng/ml m



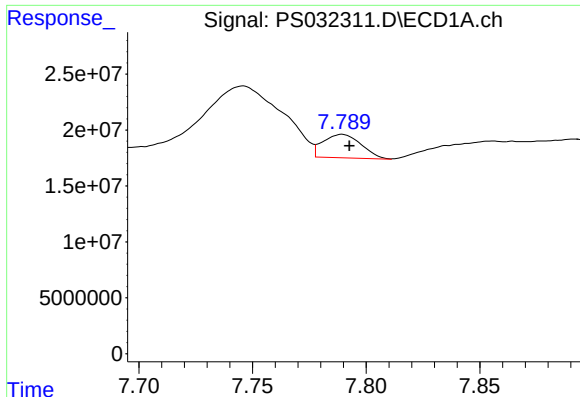
#6 MCP

R.T.: 7.639 min
Delta R.T.: -0.005 min
Response: 19557108
Conc: 1.80 ug/ml m



#6 MCP

R.T.: 7.901 min
Delta R.T.: -0.004 min
Response: 34396044
Conc: 2.59 ug/ml



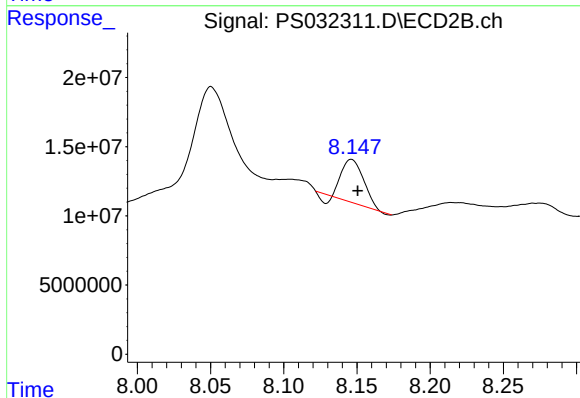
#7 MCPA

R.T.: 7.789 min
Delta R.T.: -0.004 min
Response: 24136571
Conc: 1.80 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB170416BS

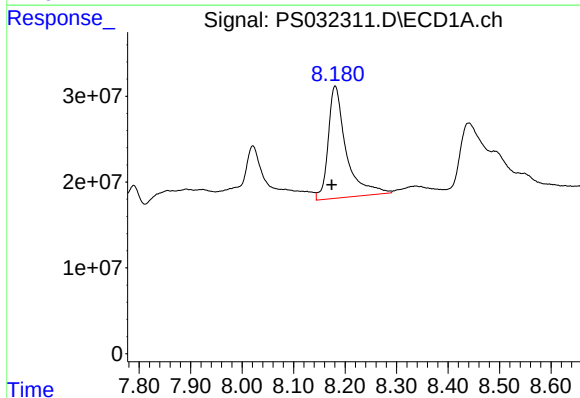
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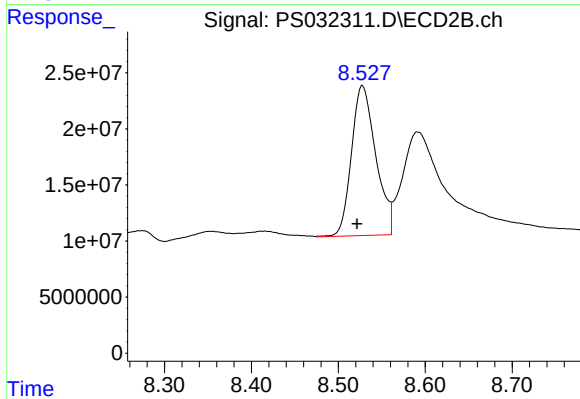
#7 MCPA

R.T.: 8.146 min
Delta R.T.: -0.004 min
Response: 30466058
Conc: 1.87 ug/ml



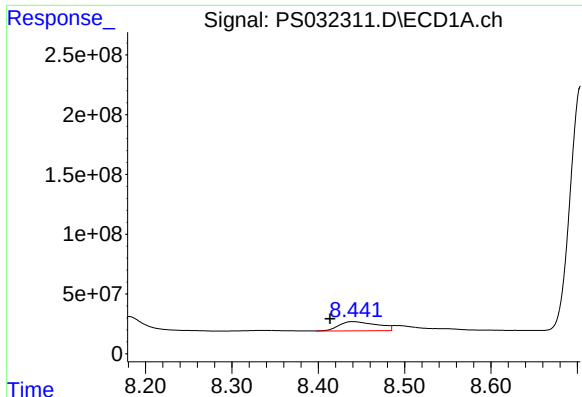
#8 DICHLORPROP

R.T.: 8.181 min
Delta R.T.: 0.007 min
Response: 317409251
Conc: 71.35 ng/ml



#8 DICHLORPROP

R.T.: 8.528 min
Delta R.T.: 0.006 min
Response: 259862820
Conc: 54.49 ng/ml



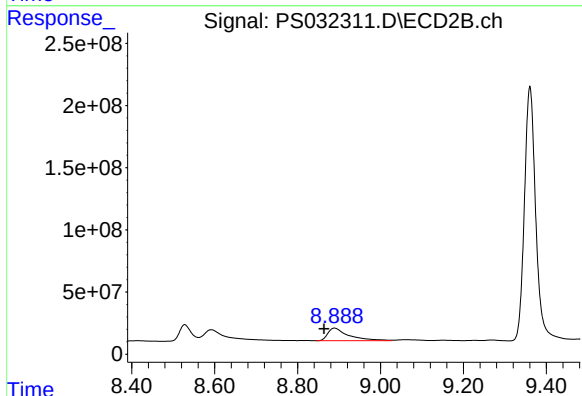
#9 2,4-D

R.T.: 8.441 min
Delta R.T.: 0.027 min
Response: 236243355
Conc: 52.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170416BS

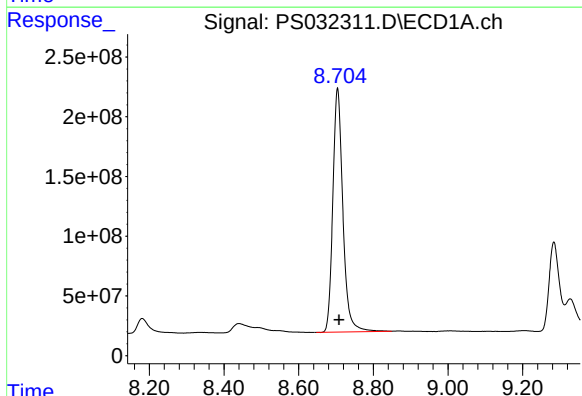
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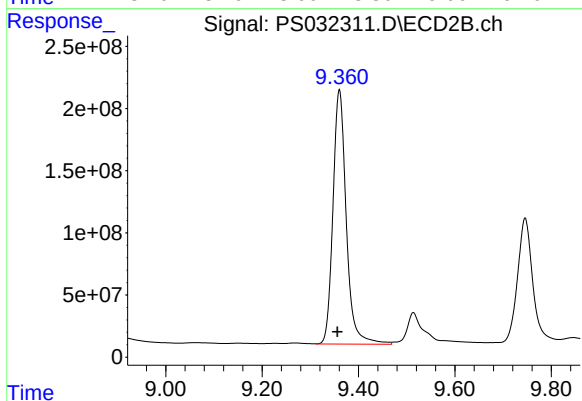
#9 2,4-D

R.T.: 8.889 min
Delta R.T.: 0.025 min
Response: 355607778
Conc: 67.79 ng/ml



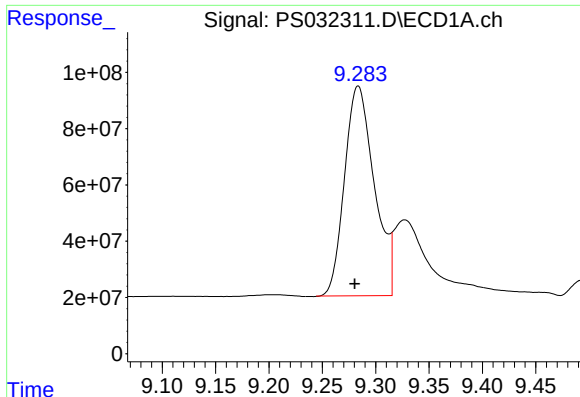
#10 Pentachlorophenol

R.T.: 8.704 min
Delta R.T.: -0.004 min
Response: 3819939095
Conc: 60.89 ng/ml



#10 Pentachlorophenol

R.T.: 9.360 min
Delta R.T.: 0.004 min
Response: 3923910097
Conc: 66.84 ng/ml



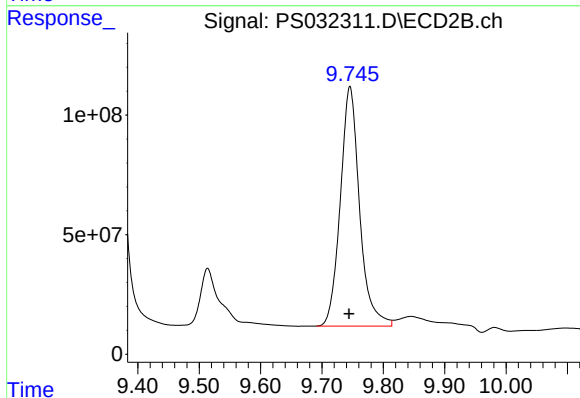
#11 2,4,5-TP (SILVEX)

R.T.: 9.283 min
Delta R.T.: 0.003 min
Response: 1459106531
Conc: 56.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170416BS

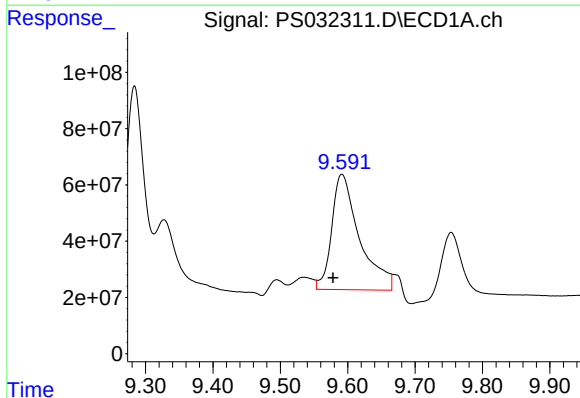
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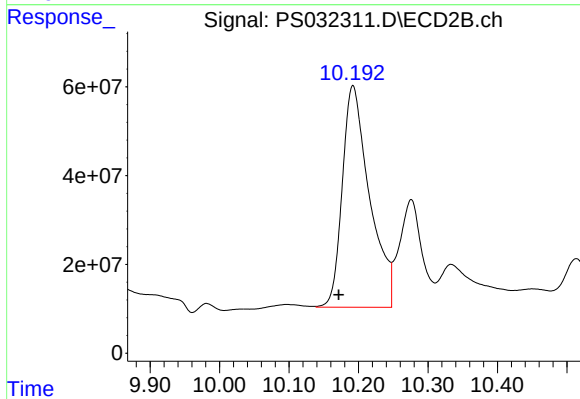
#11 2,4,5-TP (SILVEX)

R.T.: 9.745 min
Delta R.T.: 0.001 min
Response: 2186173928
Conc: 81.41 ng/ml m



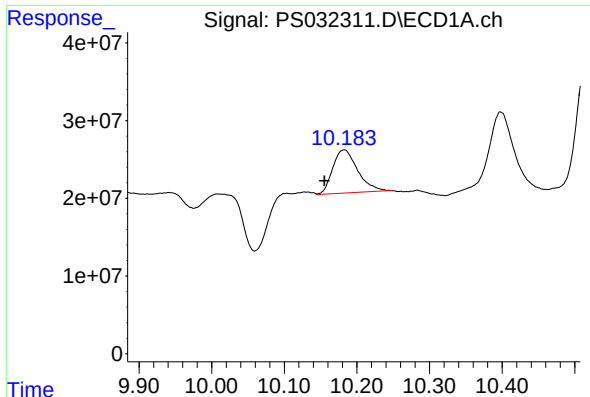
#12 2,4,5-T

R.T.: 9.591 min
Delta R.T.: 0.013 min
Response: 1177782595
Conc: 49.41 ng/ml m



#12 2,4,5-T

R.T.: 10.192 min
Delta R.T.: 0.020 min
Response: 1366364127
Conc: 57.61 ng/ml m



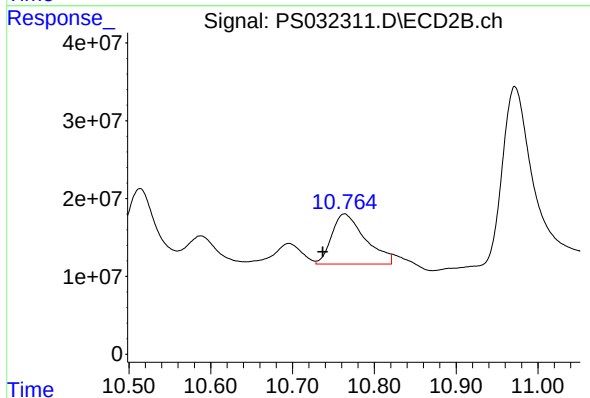
#13 2,4-DB

R.T.: 10.182 min
Delta R.T.: 0.027 min
Response: 132064999
Conc: 50.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170416BS

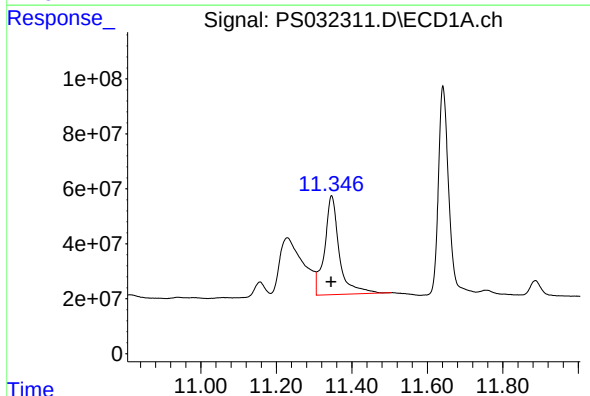
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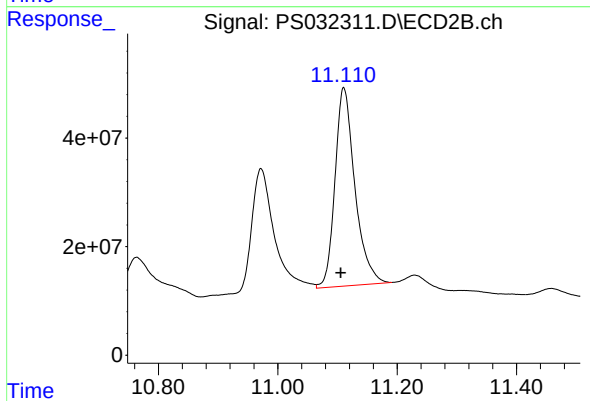
#13 2,4-DB

R.T.: 10.764 min
Delta R.T.: 0.027 min
Response: 184008334
Conc: 48.79 ng/ml m



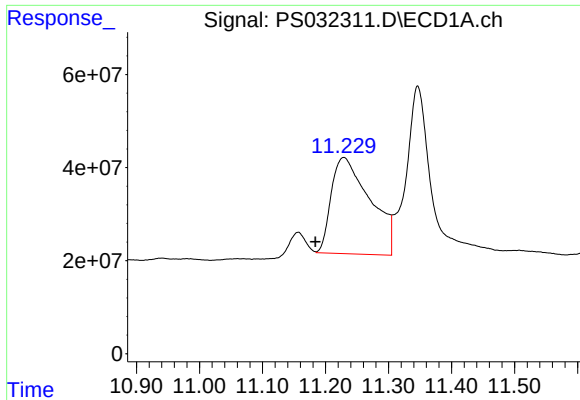
#14 DINOSEB

R.T.: 11.347 min
Delta R.T.: 0.001 min
Response: 976253541
Conc: 46.92 ng/ml



#14 DINOSEB

R.T.: 11.111 min
Delta R.T.: 0.005 min
Response: 846295145
Conc: 47.85 ng/ml



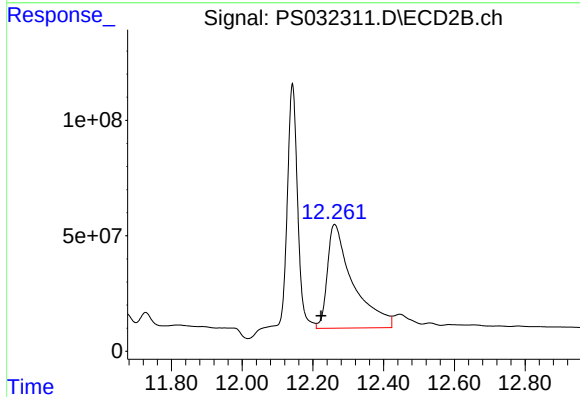
#15 Picloram

R.T.: 11.229 min
Delta R.T.: 0.045 min
Response: 888859595
Conc: 41.88 ng/ml

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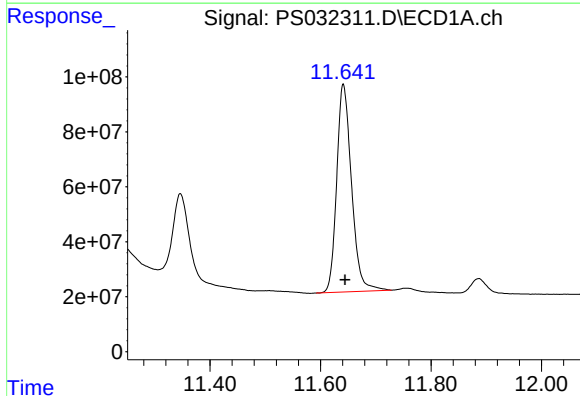
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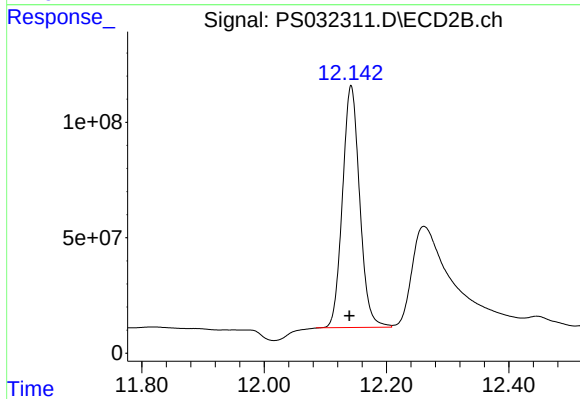
#15 Picloram

R.T.: 12.261 min
Delta R.T.: 0.038 min
Response: 2260202725
Conc: 60.79 ng/ml



#16 DCPA

R.T.: 11.643 min
Delta R.T.: -0.001 min
Response: 1410849908
Conc: 42.05 ng/ml



#16 DCPA

R.T.: 12.142 min
Delta R.T.: 0.002 min
Response: 2047387450
Conc: 64.26 ng/ml m