

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
 Data File : PS030216.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 06:37
 Operator : AR\AJ
 Sample : PB167976BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167976BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/19/2025
 Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 07:45:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.934	7.453	1515.8E6	422.7E6	532.286	528.192
Target Compounds							
1) T	Dalapon	2.447	2.520	2339.1E6	963.1E6	475.870	474.165
2) T	3,5-DICHL...	6.139	6.453	2049.9E6	548.7E6	491.519	470.658
3) T	4-Nitroph...	6.724	6.988	1002.1E6	455.0E6	485.128	435.809
5) T	DICAMBA	7.110	7.638	5760.8E6	2333.4E6	498.452	493.537
6) T	MCPD	7.288	7.745	368.7E6	90149304	50.629	49.000
7) T	MCPA	7.430	7.975	498.0E6	128.2E6	47.976	48.589
8) T	DICHLORPROP	7.790	8.330	1453.9E6	578.3E6	497.673	489.476
9) T	2,4-D	8.010	8.643	1635.5E6	648.5E6	498.777	502.533
10) T	Pentachlo...	8.287	9.143	20984.0E6	12628.9E6	518.114	511.602
11) T	2,4,5-TP ...	8.850	9.521	8245.5E6	4943.0E6	509.106	501.809
12) T	2,4,5-T	9.132	9.925	8414.8E6	4584.1E6	509.521	498.073
13) T	2,4-DB	9.690	10.482	1365.3E6	439.1E6	523.133	442.486
14) T	DINOSEB	10.850	10.856	5677.7E6	3331.2E6	496.460	487.585
15) T	Picloram	10.671	11.892	10215.1E6	6252.2E6	477.630	444.263m
16) T	DCPA	11.151	11.888	10186.5E6	6258.0E6	511.590	463.192m

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

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Acq On : 15 May 2025 06:37
Operator : AR\AJ
Sample : PB167976BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

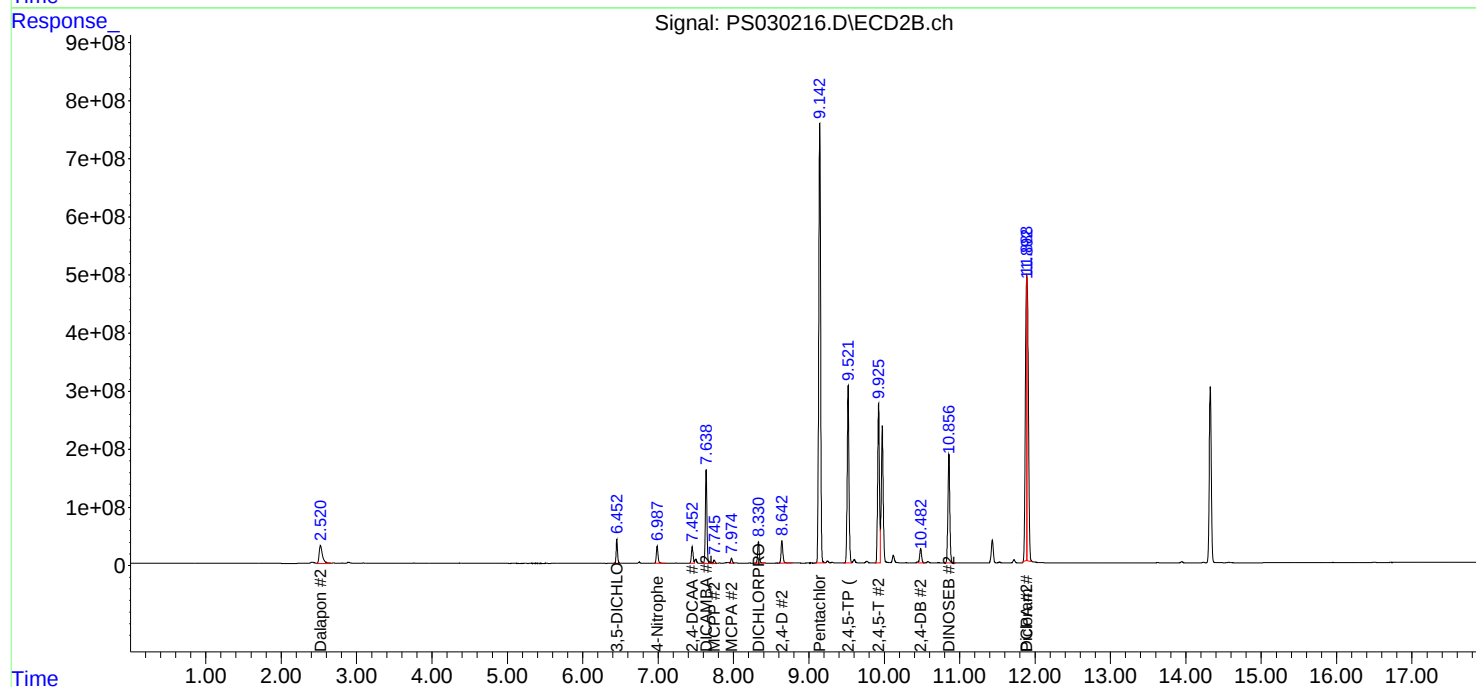
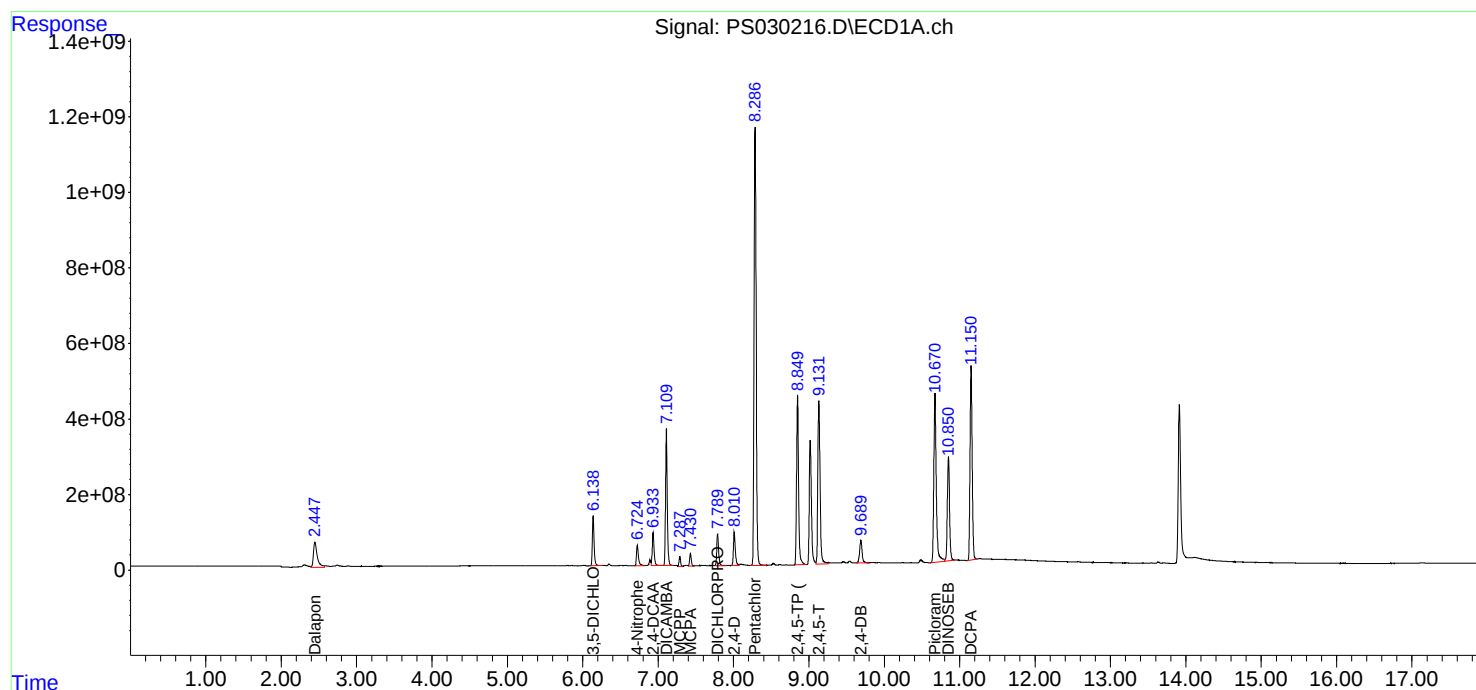
Instrument :
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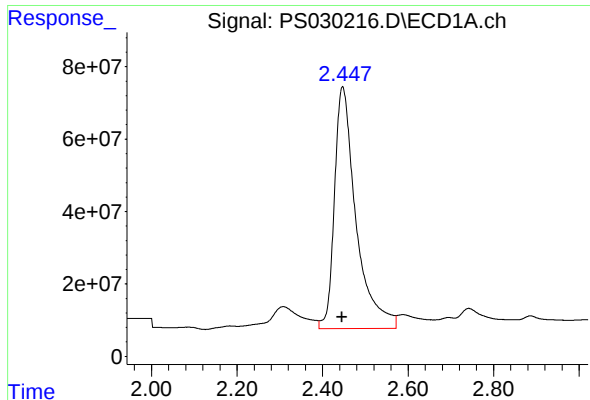
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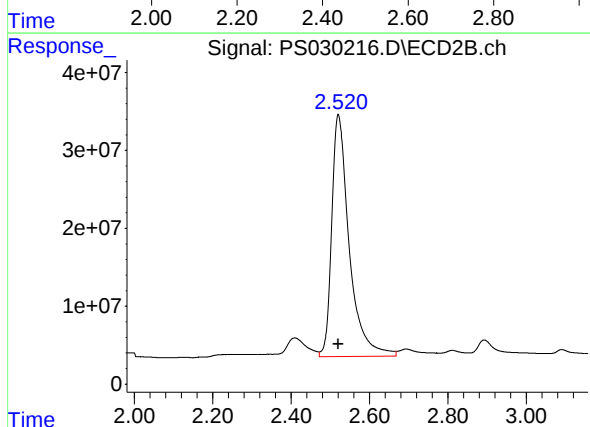
#1 Dalapon

R.T.: 2.447 min
Delta R.T.: 0.000 min
Response: 2339073936
Conc: 475.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167976BS

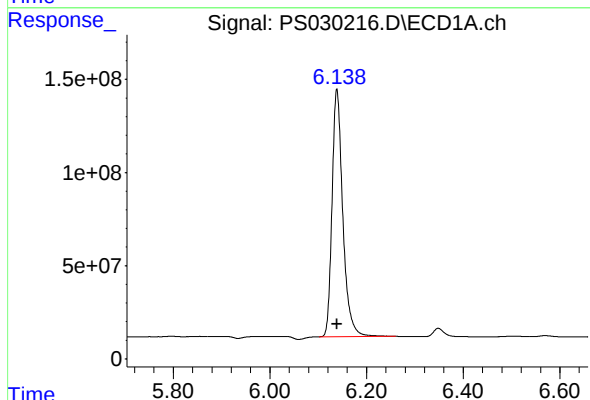
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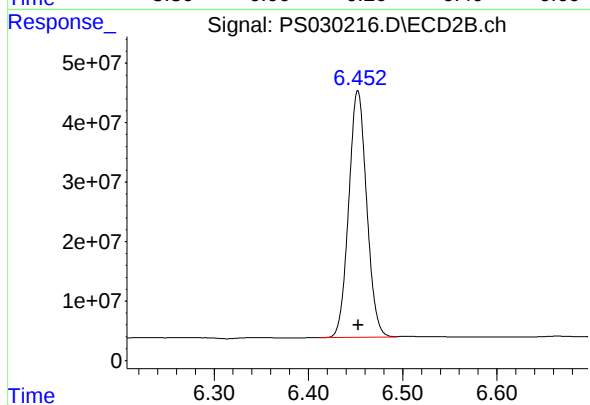
#1 Dalapon

R.T.: 2.520 min
Delta R.T.: 0.000 min
Response: 963052855
Conc: 474.16 ng/ml



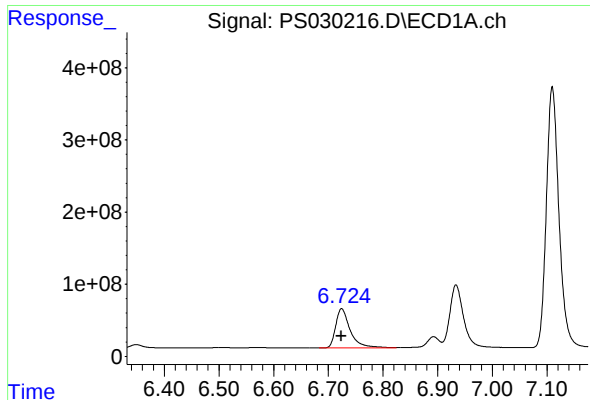
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 2049904048
Conc: 491.52 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 548707161
Conc: 470.66 ng/ml



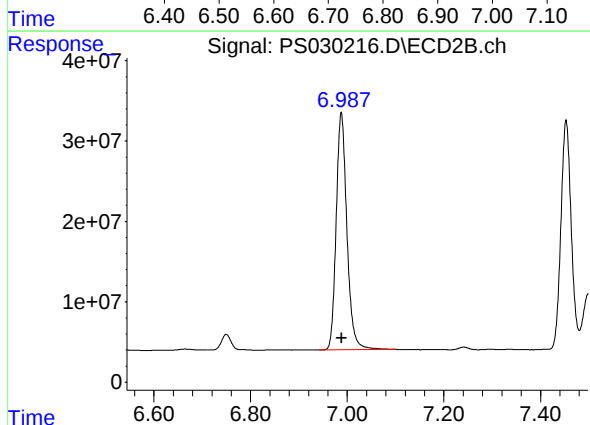
#3 4-Nitrophenol

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 1002087365
Conc: 485.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167976BS

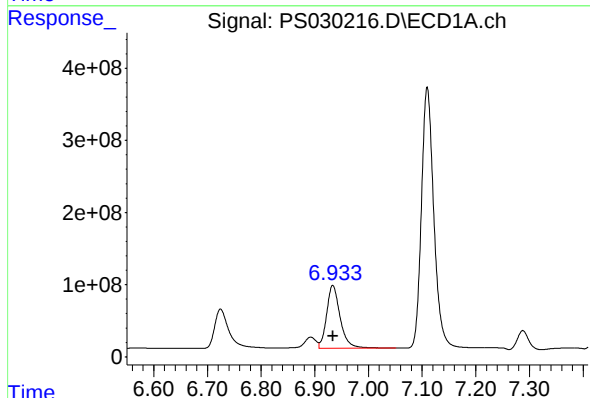
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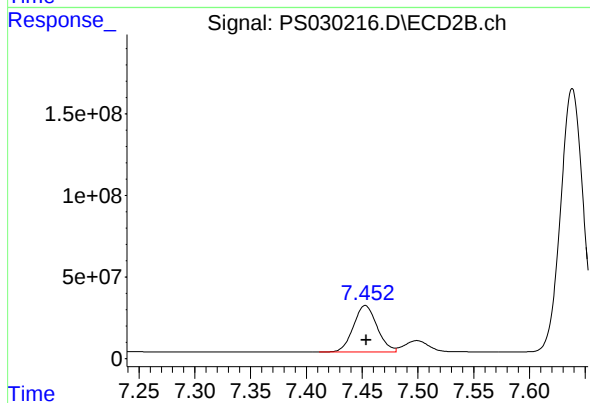
#3 4-Nitrophenol

R.T.: 6.988 min
Delta R.T.: 0.000 min
Response: 454998242
Conc: 435.81 ng/ml



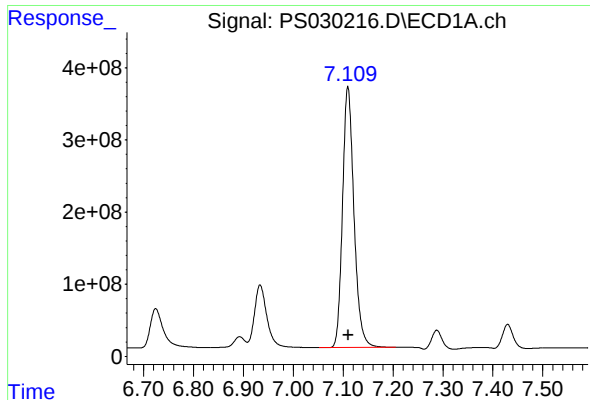
#4 2,4-DCAA

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 1515847713
Conc: 532.29 ng/ml



#4 2,4-DCAA

R.T.: 7.453 min
Delta R.T.: -0.001 min
Response: 422661471
Conc: 528.19 ng/ml



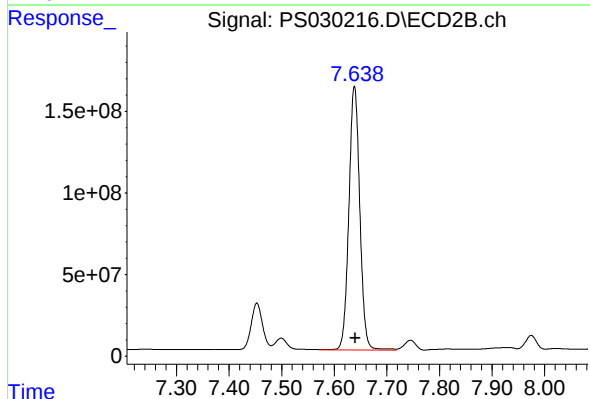
#5 DICAMBA

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 5760785495
Conc: 498.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167976BS

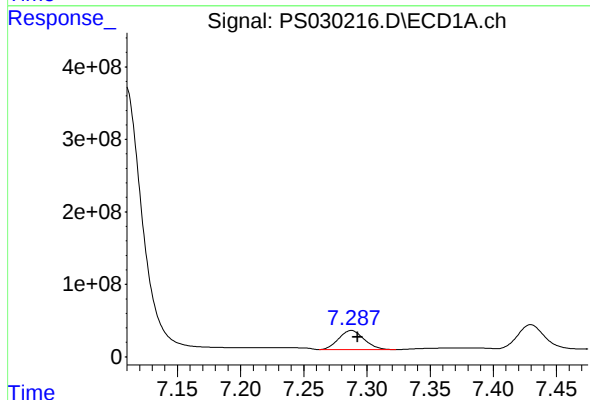
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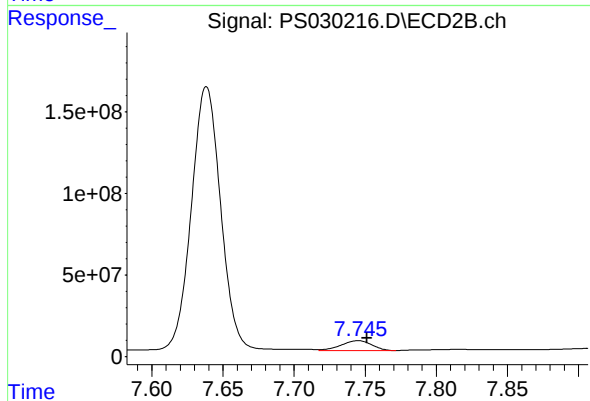
#5 DICAMBA

R.T.: 7.638 min
Delta R.T.: -0.001 min
Response: 2333430597
Conc: 493.54 ng/ml



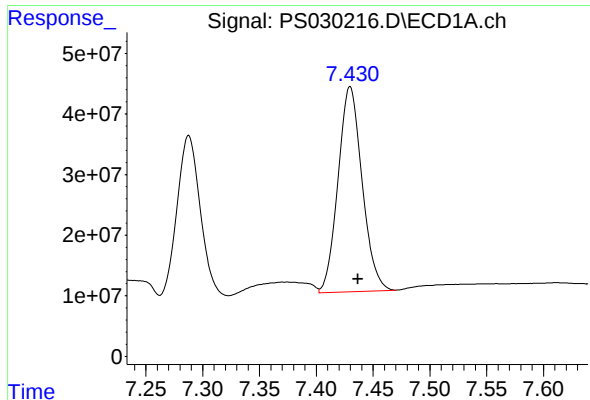
#6 MCP

R.T.: 7.288 min
Delta R.T.: -0.005 min
Response: 368714313
Conc: 50.63 ug/ml



#6 MCP

R.T.: 7.745 min
Delta R.T.: -0.006 min
Response: 90149304
Conc: 49.00 ug/ml



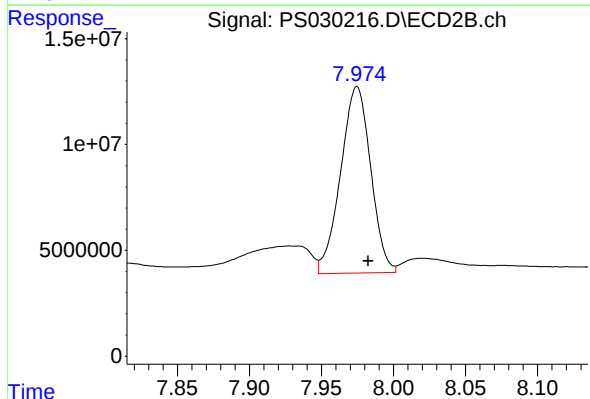
#7 MCPA

R.T.: 7.430 min
Delta R.T.: -0.007 min
Response: 498033386
Conc: 47.98 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167976BS

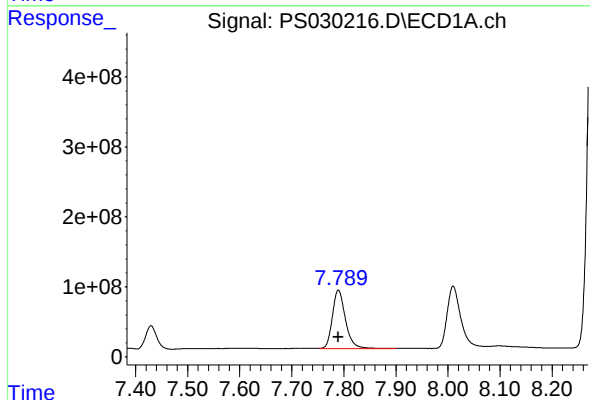
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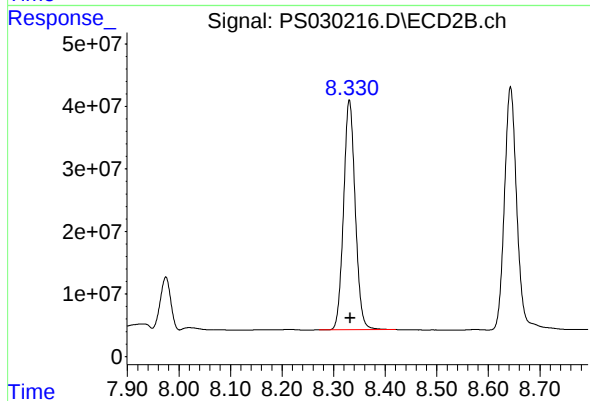
#7 MCPA

R.T.: 7.975 min
Delta R.T.: -0.008 min
Response: 128161826
Conc: 48.59 ug/ml



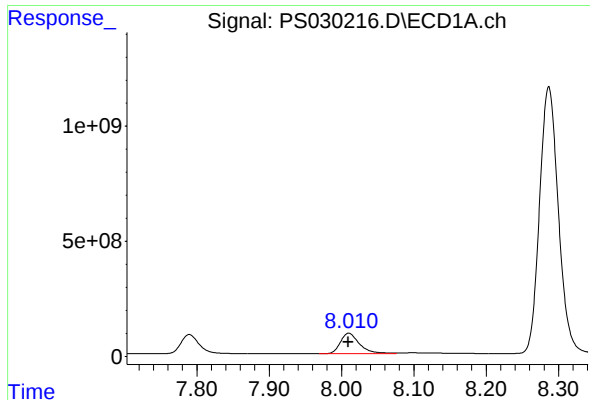
#8 DICHLORPROP

R.T.: 7.790 min
Delta R.T.: 0.000 min
Response: 1453874216
Conc: 497.67 ng/ml



#8 DICHLORPROP

R.T.: 8.330 min
Delta R.T.: -0.002 min
Response: 578282841
Conc: 489.48 ng/ml



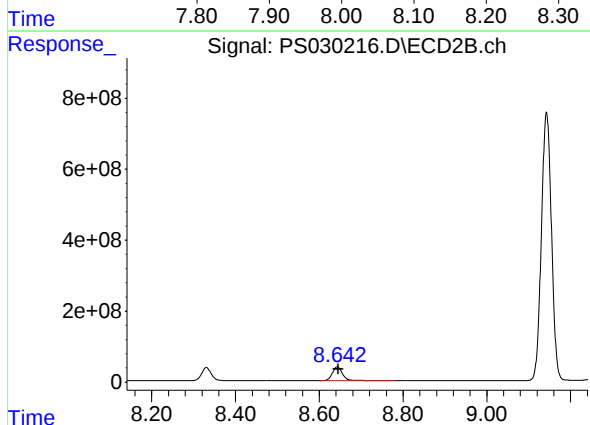
#9 2,4-D

R.T.: 8.010 min
Delta R.T.: 0.000 min
Response: 1635457734
Conc: 498.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167976BS

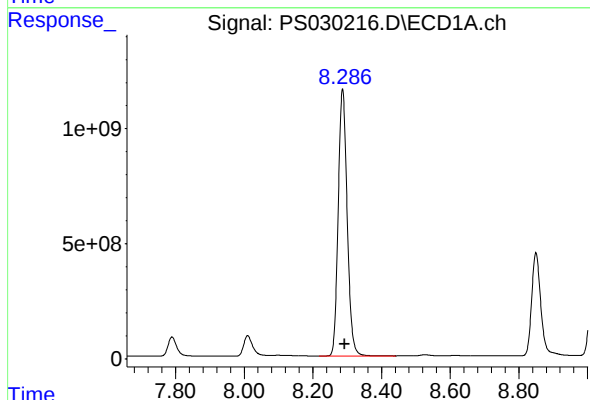
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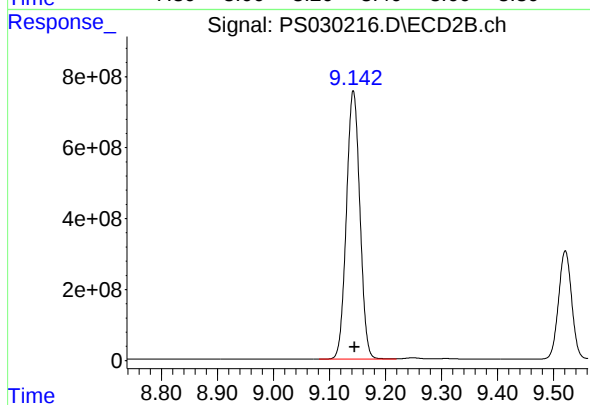
#9 2,4-D

R.T.: 8.643 min
Delta R.T.: -0.002 min
Response: 648518687
Conc: 502.53 ng/ml



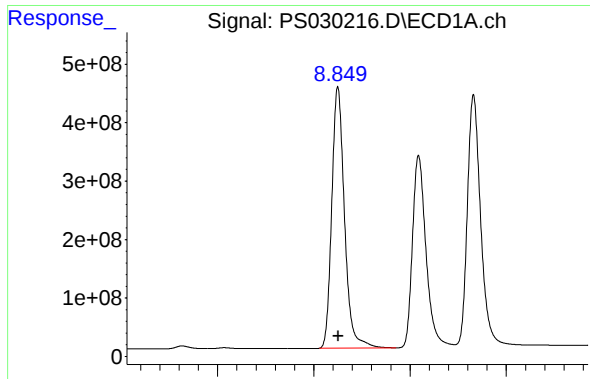
#10 Pentachlorophenol

R.T.: 8.287 min
Delta R.T.: -0.006 min
Response: 20984020952
Conc: 518.11 ng/ml



#10 Pentachlorophenol

R.T.: 9.143 min
Delta R.T.: -0.002 min
Response: 12628867418
Conc: 511.60 ng/ml



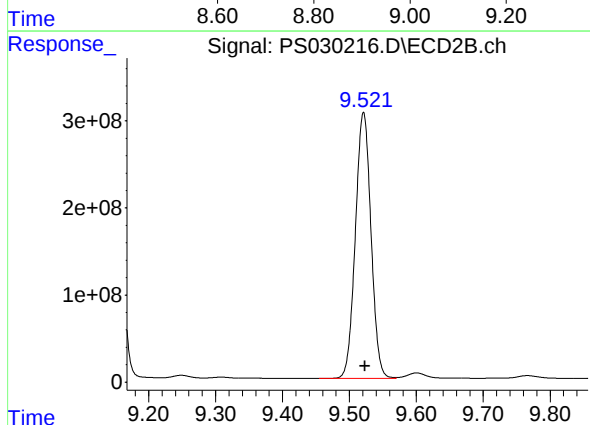
#11 2,4,5-TP (SILVEX)

R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 8245477025
Conc: 509.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167976BS

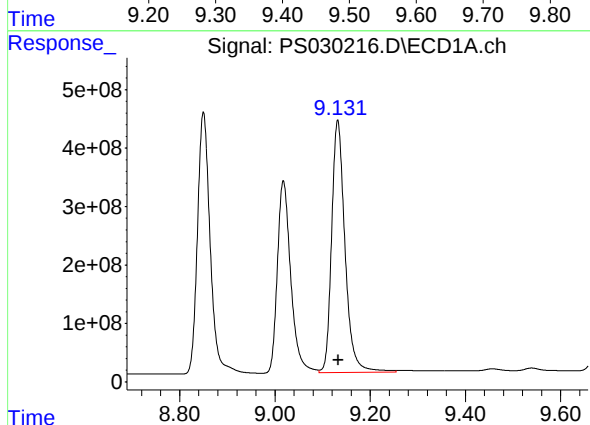
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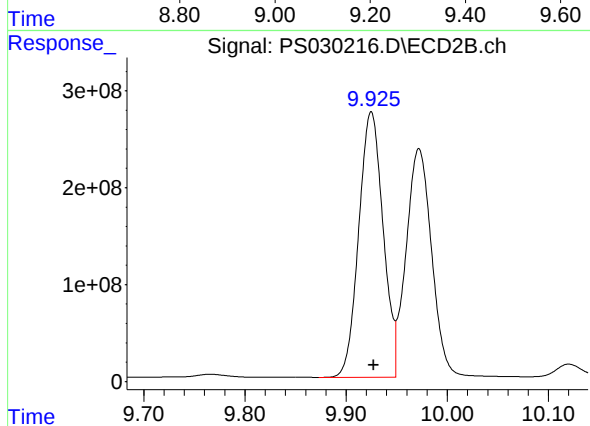
#11 2,4,5-TP (SILVEX)

R.T.: 9.521 min
Delta R.T.: -0.002 min
Response: 4943033400
Conc: 501.81 ng/ml



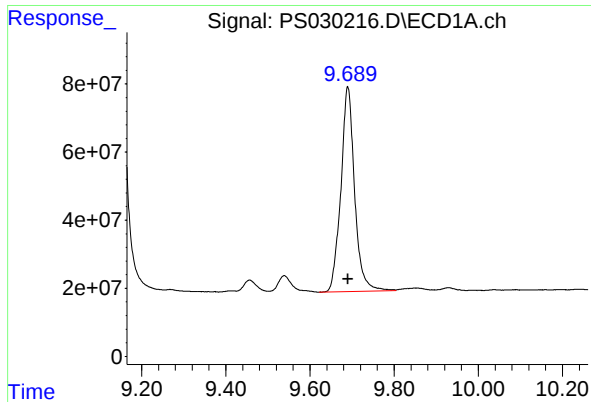
#12 2,4,5-T

R.T.: 9.132 min
Delta R.T.: -0.001 min
Response: 8414843313
Conc: 509.52 ng/ml



#12 2,4,5-T

R.T.: 9.925 min
Delta R.T.: -0.002 min
Response: 4584071737
Conc: 498.07 ng/ml



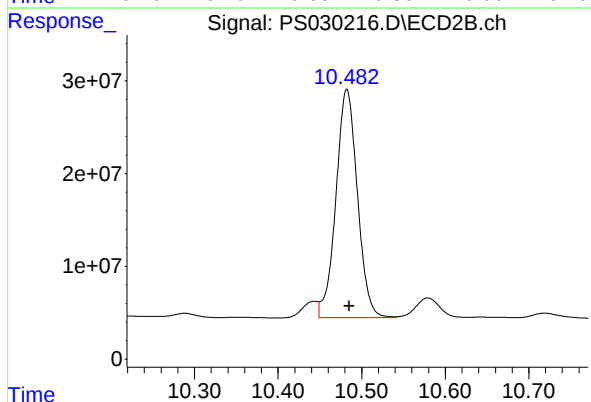
#13 2,4-DB

R.T.: 9.690 min
Delta R.T.: 0.000 min
Response: 1365257560
Conc: 523.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167976BS

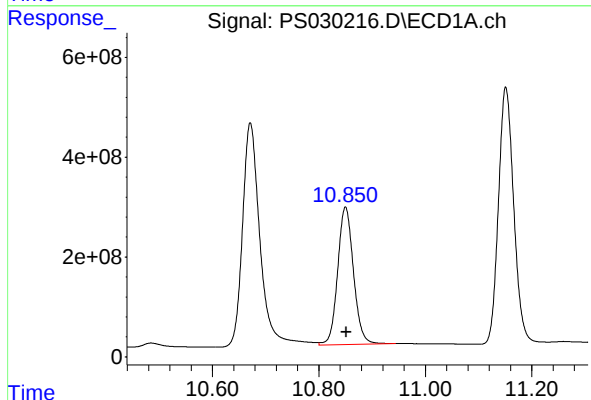
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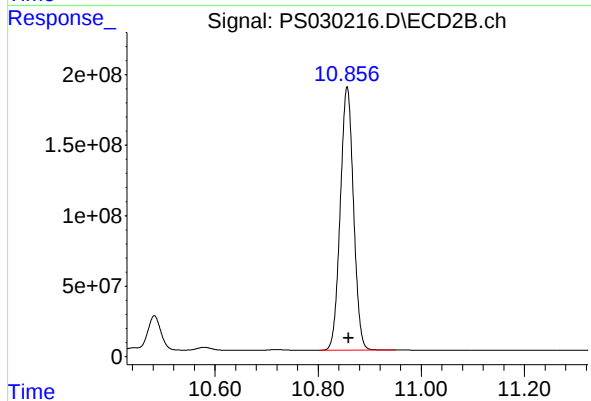
#13 2,4-DB

R.T.: 10.482 min
Delta R.T.: -0.003 min
Response: 439110258
Conc: 442.49 ng/ml



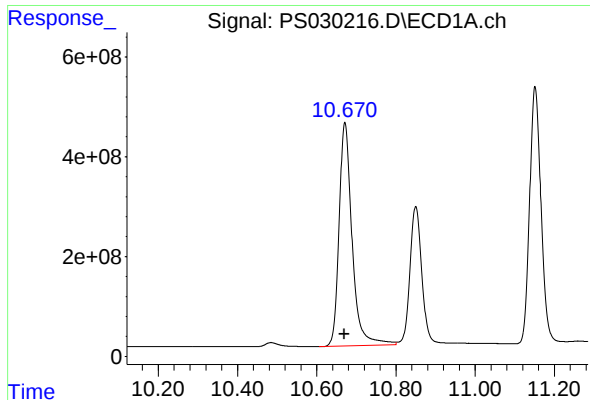
#14 DINOSEB

R.T.: 10.850 min
Delta R.T.: -0.002 min
Response: 5677695063
Conc: 496.46 ng/ml



#14 DINOSEB

R.T.: 10.856 min
Delta R.T.: -0.003 min
Response: 3331170083
Conc: 487.58 ng/ml



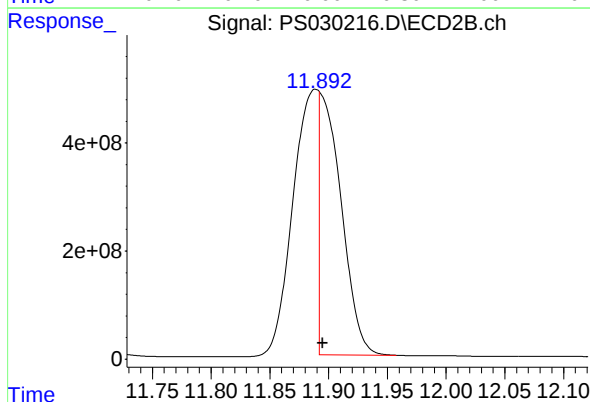
#15 Picloram

R.T.: 10.671 min
Delta R.T.: 0.000 min
Response: 10215052433
Conc: 477.63 ng/ml

Instrument :
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ClientSampleId :
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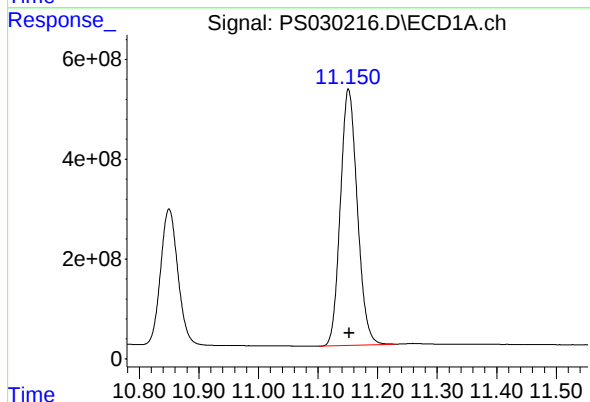
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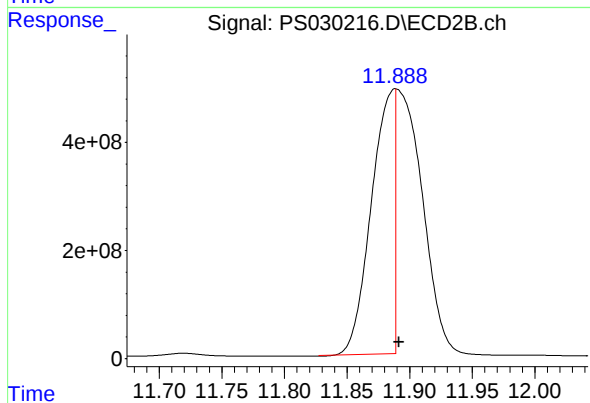
#15 Picloram

R.T.: 11.892 min
Delta R.T.: -0.003 min
Response: 6252164300
Conc: 444.26 ng/ml m



#16 DCPA

R.T.: 11.151 min
Delta R.T.: -0.002 min
Response: 10186516024
Conc: 511.59 ng/ml



#16 DCPA

R.T.: 11.888 min
Delta R.T.: -0.004 min
Response: 6257967412
Conc: 463.19 ng/ml m