

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070925\
 Data File : PS030965.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jul 2025 14:04
 Operator : AR\AJ
 Sample : PB168706BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168706BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/10/2025
 Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 01:42:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 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	7.338	7.769	1976.1E6	539.1E6	537.803	502.935
Target Compounds							
1) T	Dalapon	2.705	2.710	2842.1E6	1271.5E6	476.414	463.748
2) T	3,5-DICHL...	6.499	6.714	2698.3E6	751.7E6	501.774	465.954
3) T	4-Nitroph...	7.138	7.301	760.8E6	797.5E6	482.501	460.034
5) T	DICAMBA	7.528	7.971	7825.1E6	3171.3E6	514.299m	483.933
6) T	MCPD	7.708	8.069	470.5E6	103.1E6	50.113m	49.169
7) T	MCPA	7.858	8.318	570.1E6	151.0E6	48.598	47.990
8) T	DICHLORPROP	8.240	8.692	1831.7E6	748.5E6	488.999	475.997
9) T	2,4-D	8.473	9.029	1907.3E6	779.3E6	553.725	458.577
10) T	Pentachlo...	8.780	9.552	28153.5E6	19436.0E6	531.947	509.835
11) T	2,4,5-TP ...	9.360	9.934	10594.6E6	7233.7E6	528.924	501.339
12) T	2,4,5-T	9.654	10.361	9044.7E6	6866.3E6	549.727	502.491
13) T	2,4-DB	10.233	10.928	1319.8E6	572.4E6	575.468	483.881m
14) T	DINOSEB	11.448	11.314	7063.2E6	5014.6E6	509.124m	465.121
15) T	Picloram	11.262	12.425	8654.5E6	11239.7E6	538.344m	483.606
16) T	DCPA	11.745	12.359	14175.4E6	11251.4E6	553.375m	510.434

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

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Sample : PB168706BS
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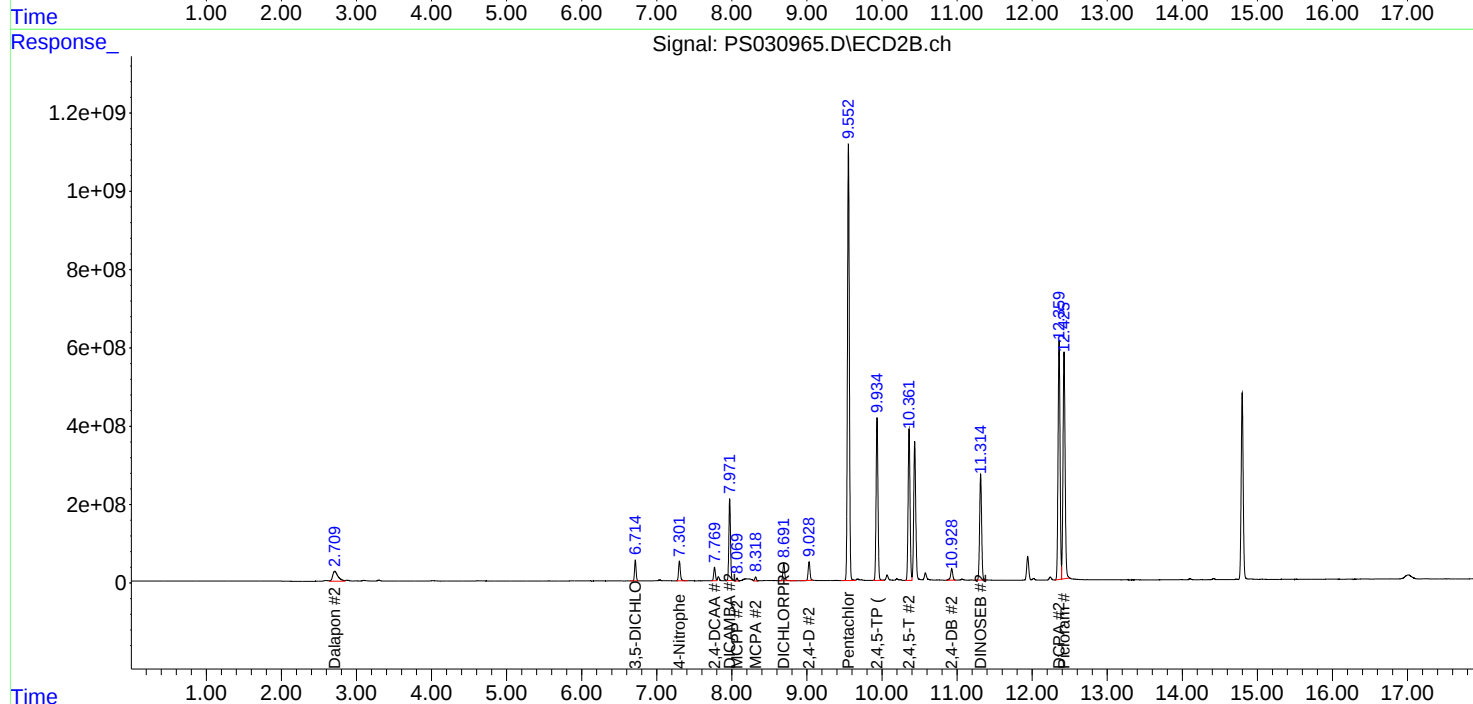
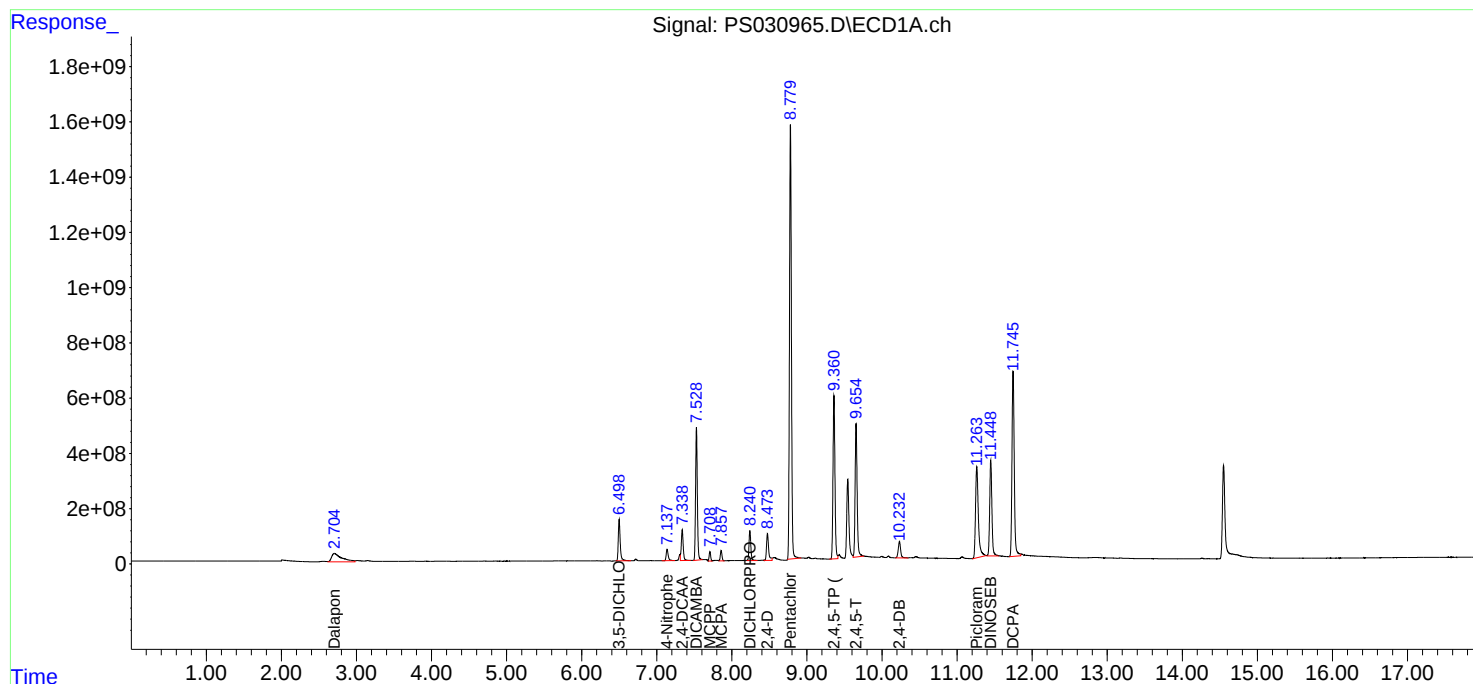
Instrument :
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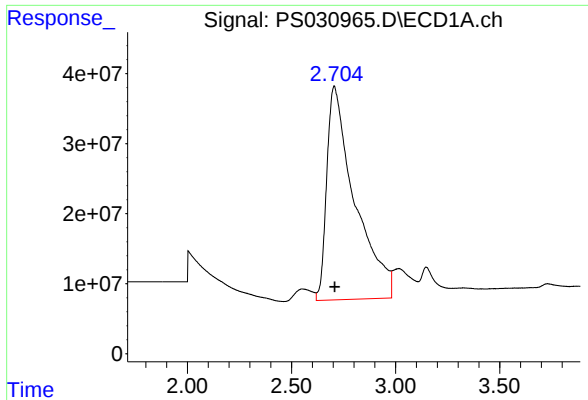
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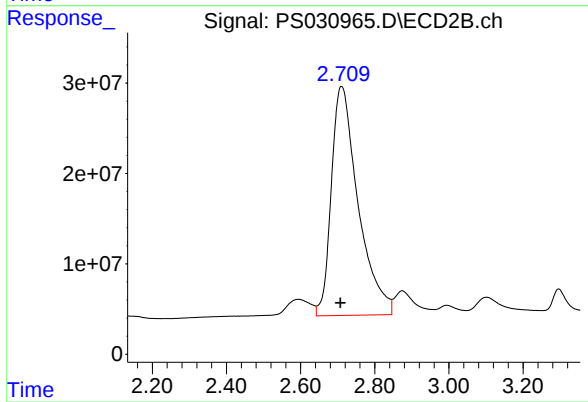
#1 Dalapon

R.T.: 2.705 min
Delta R.T.: -0.003 min
Response: 2842111569
Conc: 476.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168706BS

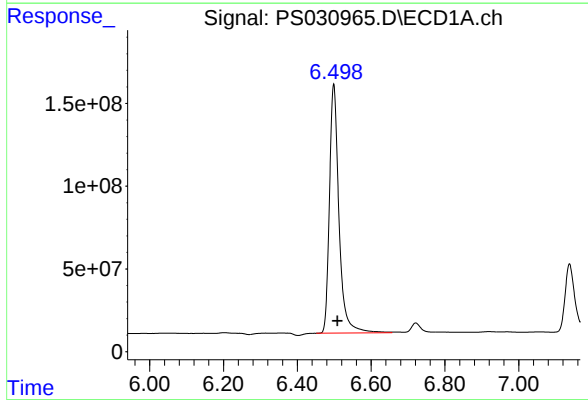
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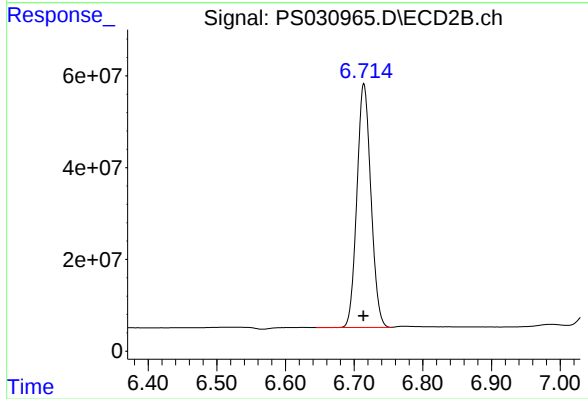
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.002 min
Response: 1271478584
Conc: 463.75 ng/ml



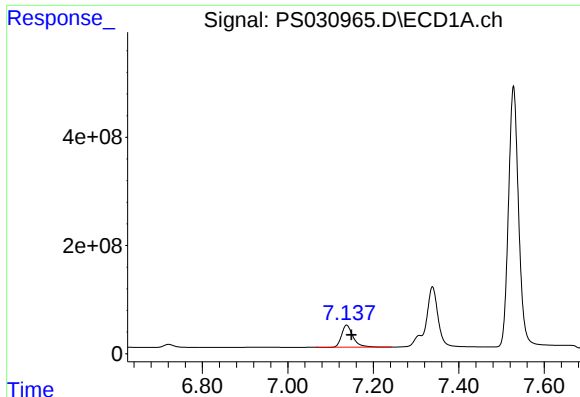
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.499 min
Delta R.T.: -0.010 min
Response: 2698317773
Conc: 501.77 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 751652958
Conc: 465.95 ng/ml



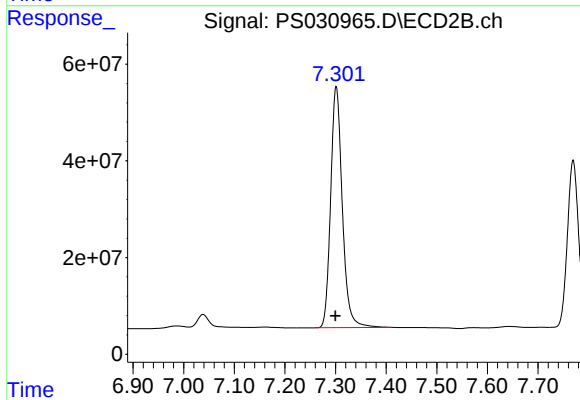
#3 4-Nitrophenol

R.T.: 7.138 min
Delta R.T.: -0.011 min
Response: 760792764
Conc: 482.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168706BS

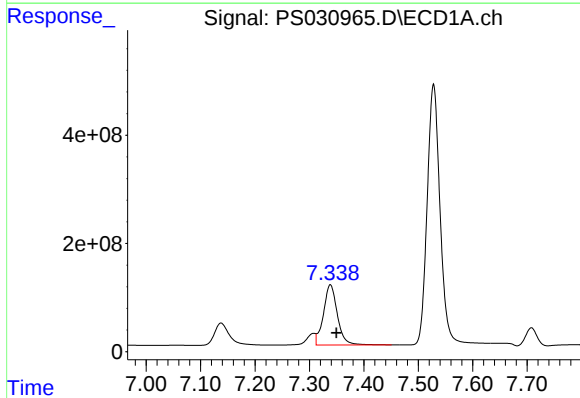
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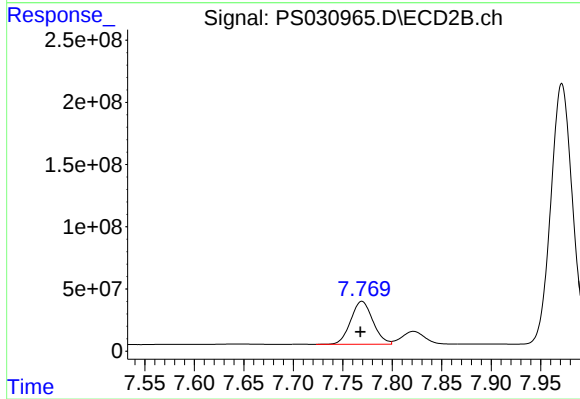
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: 0.002 min
Response: 797485471
Conc: 460.03 ng/ml



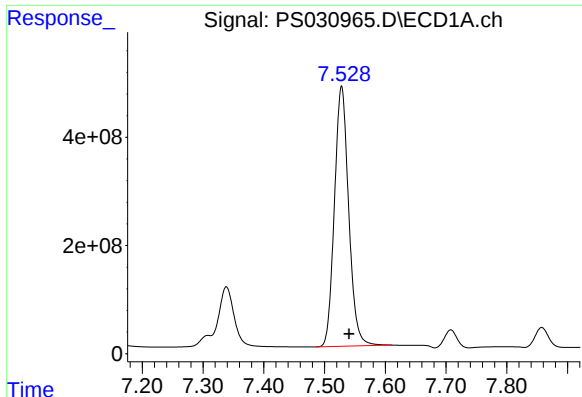
#4 2,4-DCAA

R.T.: 7.338 min
Delta R.T.: -0.011 min
Response: 1976101116
Conc: 537.80 ng/ml



#4 2,4-DCAA

R.T.: 7.769 min
Delta R.T.: 0.001 min
Response: 539127820
Conc: 502.93 ng/ml



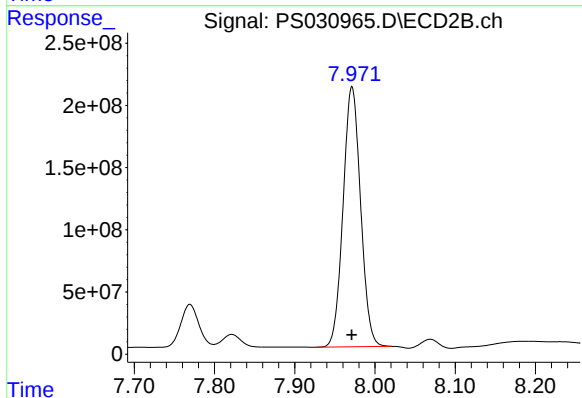
#5 DICAMBA

R.T.: 7.528 min
Delta R.T.: -0.013 min
Response: 7825108298
Conc: 514.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168706BS

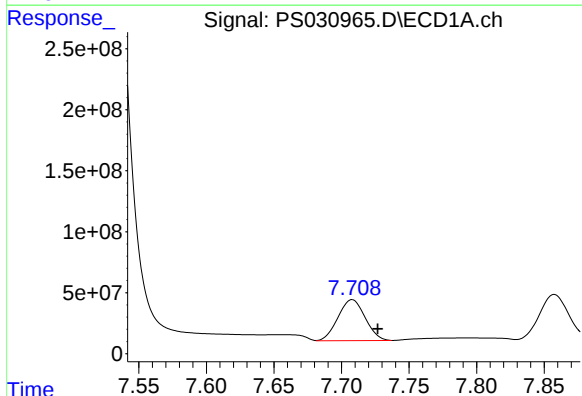
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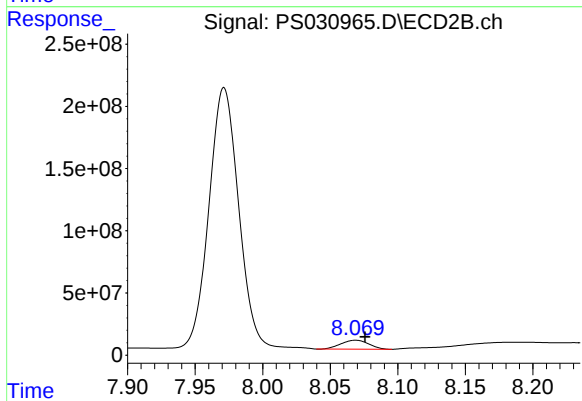
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 3171316157
Conc: 483.93 ng/ml



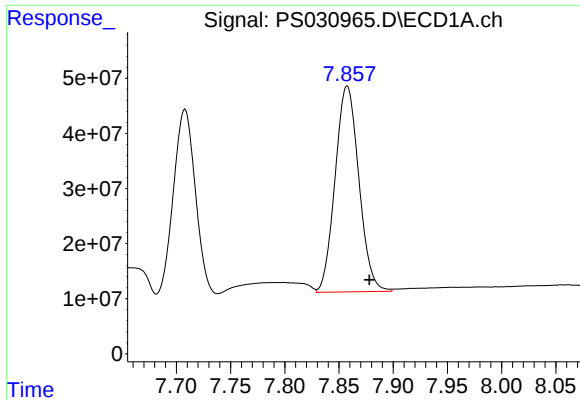
#6 MCP

R.T.: 7.708 min
Delta R.T.: -0.019 min
Response: 470479668
Conc: 50.11 ug/ml m



#6 MCP

R.T.: 8.069 min
Delta R.T.: -0.007 min
Response: 103122683
Conc: 49.17 ug/ml



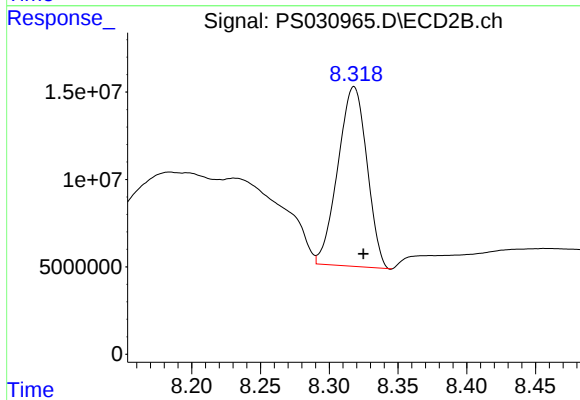
#7 MCPA

R.T.: 7.858 min
Delta R.T.: -0.020 min
Response: 570083038
Conc: 48.60 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168706BS

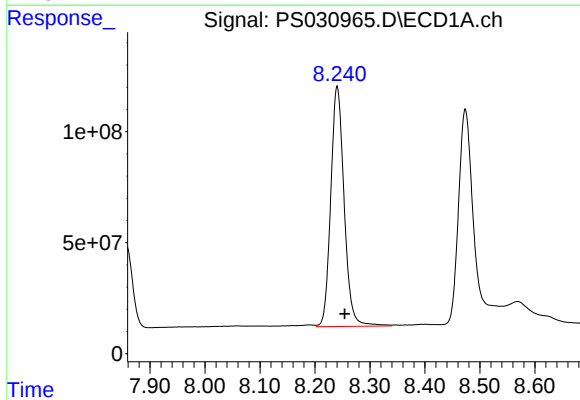
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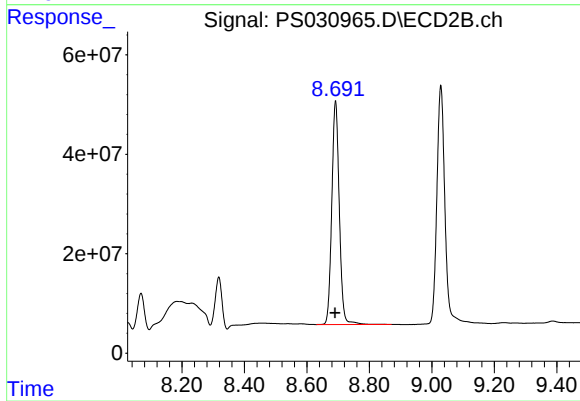
#7 MCPA

R.T.: 8.318 min
Delta R.T.: -0.007 min
Response: 150965031
Conc: 47.99 ug/ml



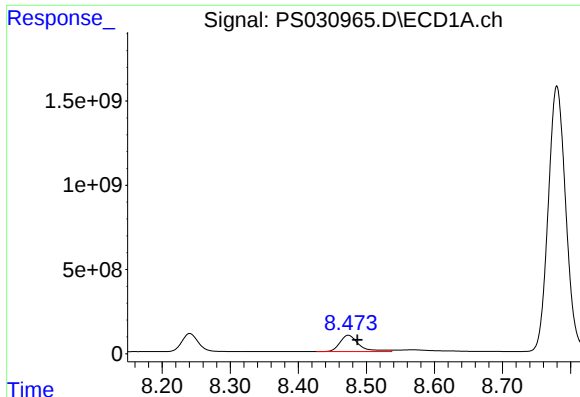
#8 DICHLORPROP

R.T.: 8.240 min
Delta R.T.: -0.014 min
Response: 1831675690
Conc: 489.00 ng/ml



#8 DICHLORPROP

R.T.: 8.692 min
Delta R.T.: 0.002 min
Response: 748502776
Conc: 476.00 ng/ml



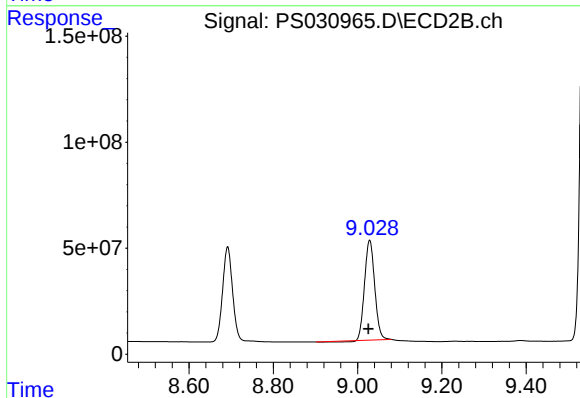
#9 2,4-D

R.T.: 8.473 min
Delta R.T.: -0.014 min
Response: 1907258103
Conc: 553.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168706BS

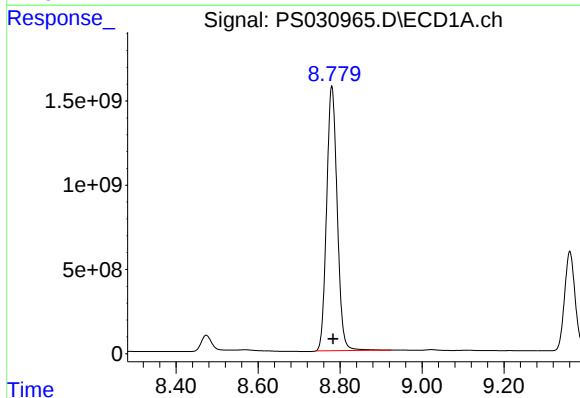
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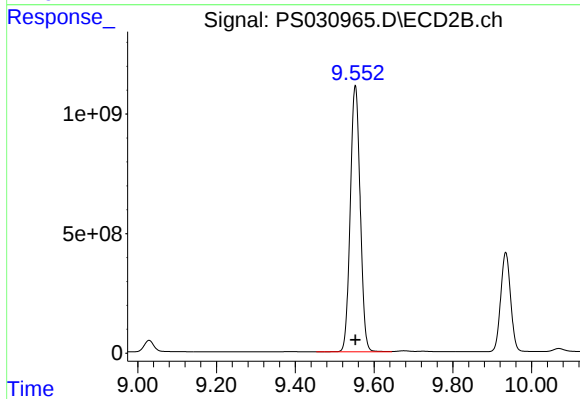
#9 2,4-D

R.T.: 9.029 min
Delta R.T.: 0.003 min
Response: 779307656
Conc: 458.58 ng/ml



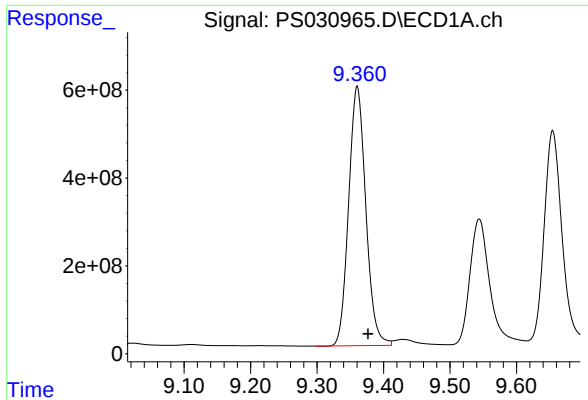
#10 Pentachlorophenol

R.T.: 8.780 min
Delta R.T.: -0.003 min
Response: 28153523339
Conc: 531.95 ng/ml



#10 Pentachlorophenol

R.T.: 9.552 min
Delta R.T.: 0.000 min
Response: 19435984190
Conc: 509.84 ng/ml



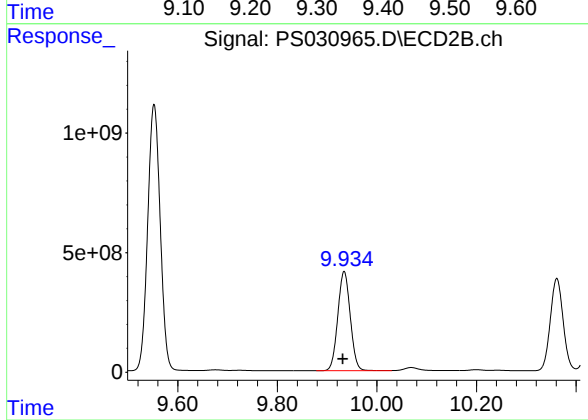
#11 2,4,5-TP (SILVEX)

R.T.: 9.360 min
Delta R.T.: -0.016 min
Response: 10594556979
Conc: 528.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168706BS

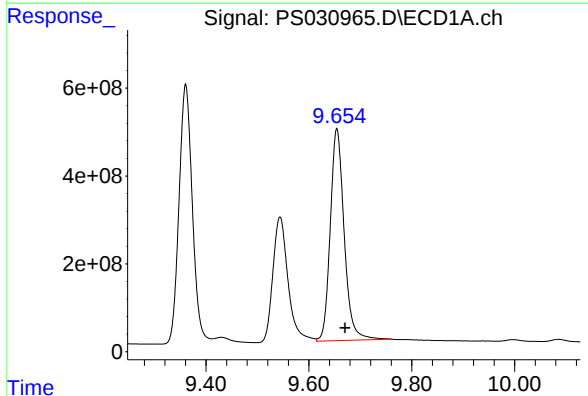
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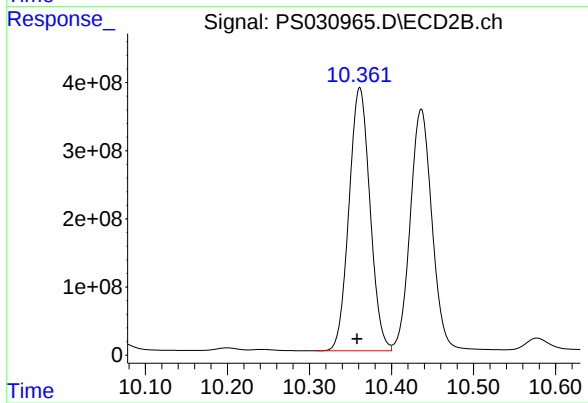
#11 2,4,5-TP (SILVEX)

R.T.: 9.934 min
Delta R.T.: 0.002 min
Response: 7233664519
Conc: 501.34 ng/ml



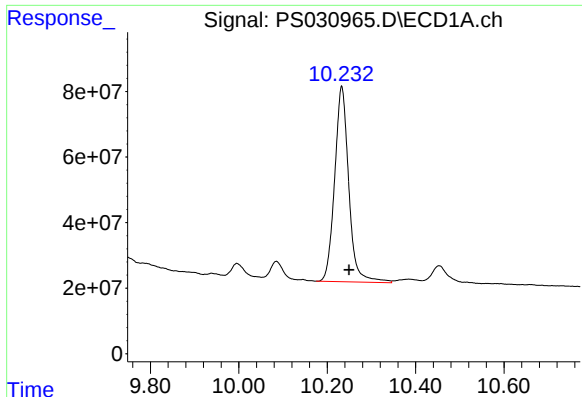
#12 2,4,5-T

R.T.: 9.654 min
Delta R.T.: -0.016 min
Response: 9044734744
Conc: 549.73 ng/ml



#12 2,4,5-T

R.T.: 10.361 min
Delta R.T.: 0.004 min
Response: 6866348084
Conc: 502.49 ng/ml



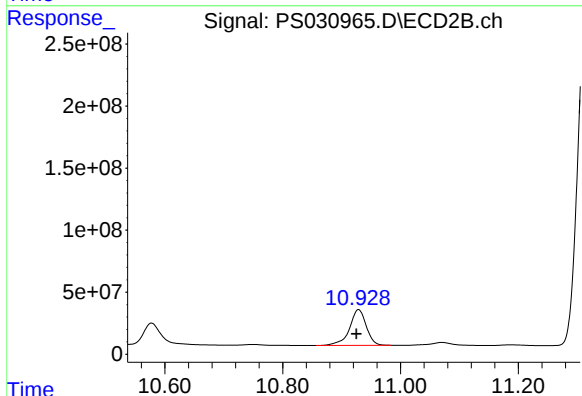
#13 2,4-DB

R.T.: 10.233 min
Delta R.T.: -0.017 min
Response: 1319836606
Conc: 575.47 ng/ml

Instrument :
ECD_S
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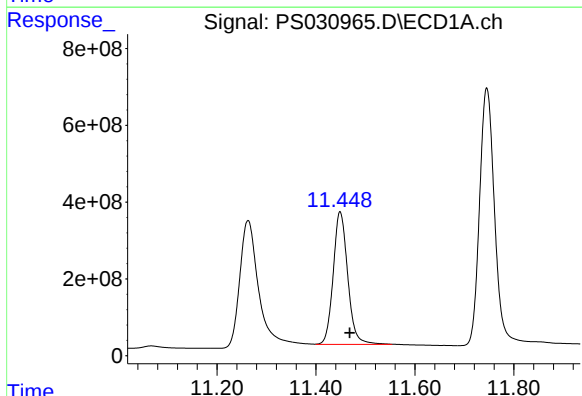
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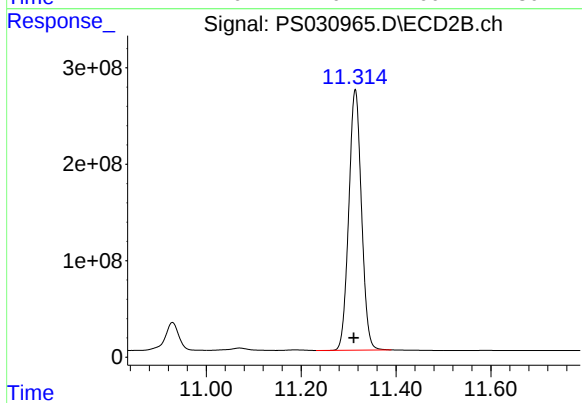
#13 2,4-DB

R.T.: 10.928 min
Delta R.T.: 0.003 min
Response: 572383966
Conc: 483.88 ng/ml m



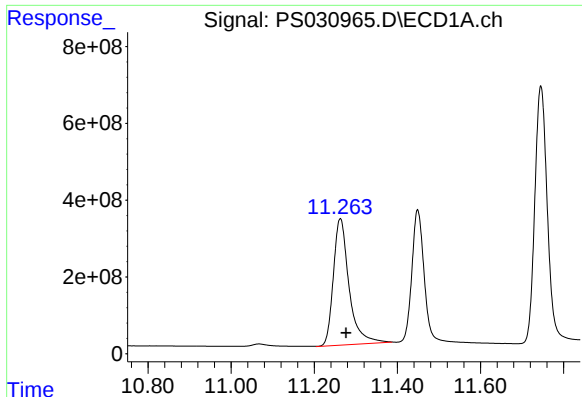
#14 DINOSEB

R.T.: 11.448 min
Delta R.T.: -0.020 min
Response: 7063166745
Conc: 509.12 ng/ml m



#14 DINOSEB

R.T.: 11.314 min
Delta R.T.: 0.003 min
Response: 5014579832
Conc: 465.12 ng/ml



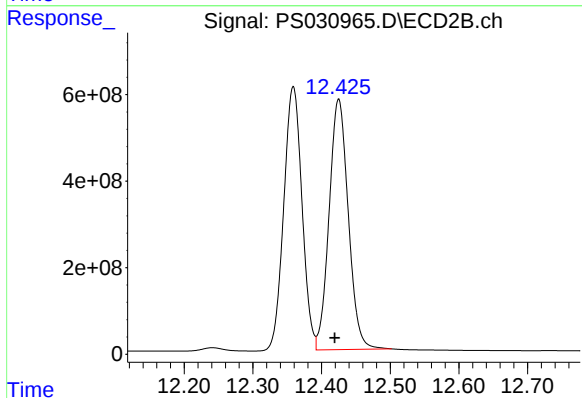
#15 Picloram

R.T.: 11.262 min
Delta R.T.: -0.014 min
Response: 8654477158
Conc: 538.34 ng/ml

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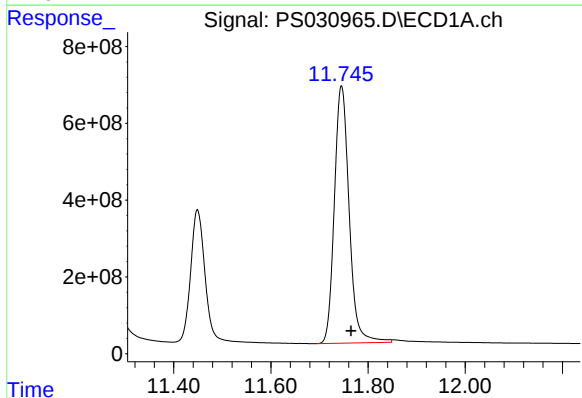
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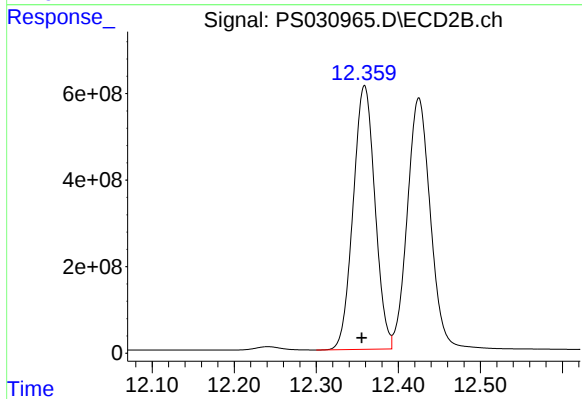
#15 Picloram

R.T.: 12.425 min
Delta R.T.: 0.006 min
Response: 11239680820
Conc: 483.61 ng/ml



#16 DCPA

R.T.: 11.745 min
Delta R.T.: -0.021 min
Response: 14175406156
Conc: 553.38 ng/ml m



#16 DCPA

R.T.: 12.359 min
Delta R.T.: 0.003 min
Response: 11251387448
Conc: 510.43 ng/ml