

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030499.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 21:15
 Operator : AR\AJ
 Sample : Q2173-06MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 OR-400-CF-402B-COMP-23MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/05/2025
 Supervised By : mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 01:40:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.363	7.772	2327.1E6	477.8E6	616.424	444.210 #
Target Compounds							
1) T	Dalapon	2.708	2.708	502.7E6	3275.6E6	89.023m	1195.463 #
2) T	3,5-DICHL...	6.521	6.715	2587.6E6	674.1E6	476.856	430.932m
3) T	4-Nitroph...	7.180	7.324	62653981	177.2E6	34.167	113.042 #
5) T	DICAMBA	7.556	7.975	6141.6E6	2587.1E6	398.223	401.626m
6) T	MCP	7.738	8.074	344.4E6	76944842	34.775	33.287
7) T	MCPA	7.887	8.322	465.8E6	139.3E6	36.706m	45.138m
8) T	DICHLORPROP	8.272	8.696	1664.7E6	580.7E6	457.556	391.230
9) T	2,4-D	8.505	9.032	1813.0E6	667.4E6	497.578	424.452
10) T	Pentachlo...	8.815	9.558	24170.3E6	15619.0E6	475.923	432.203
11) T	2,4,5-TP ...	9.396	9.939	10032.9E6	6396.1E6	485.499	466.299
12) T	2,4,5-T	9.691	10.365	8042.8E6	5746.4E6	436.370	440.093
13) T	2,4-DB	10.273	10.932	1348.1E6	476.2E6	443.996	414.266
14) T	DINOSEB	11.495	11.318	5119.5E6	3367.3E6	356.144	335.047
15) T	Picloram	11.300	12.426	7424.9E6	8084.0E6	371.155	366.059
16) T	DCPA	11.789	12.362	10331.9E6	8632.3E6	390.768	421.850m

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

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Acq On : 04 Jun 2025 21:15
Operator : AR\AJ
Sample : Q2173-06MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

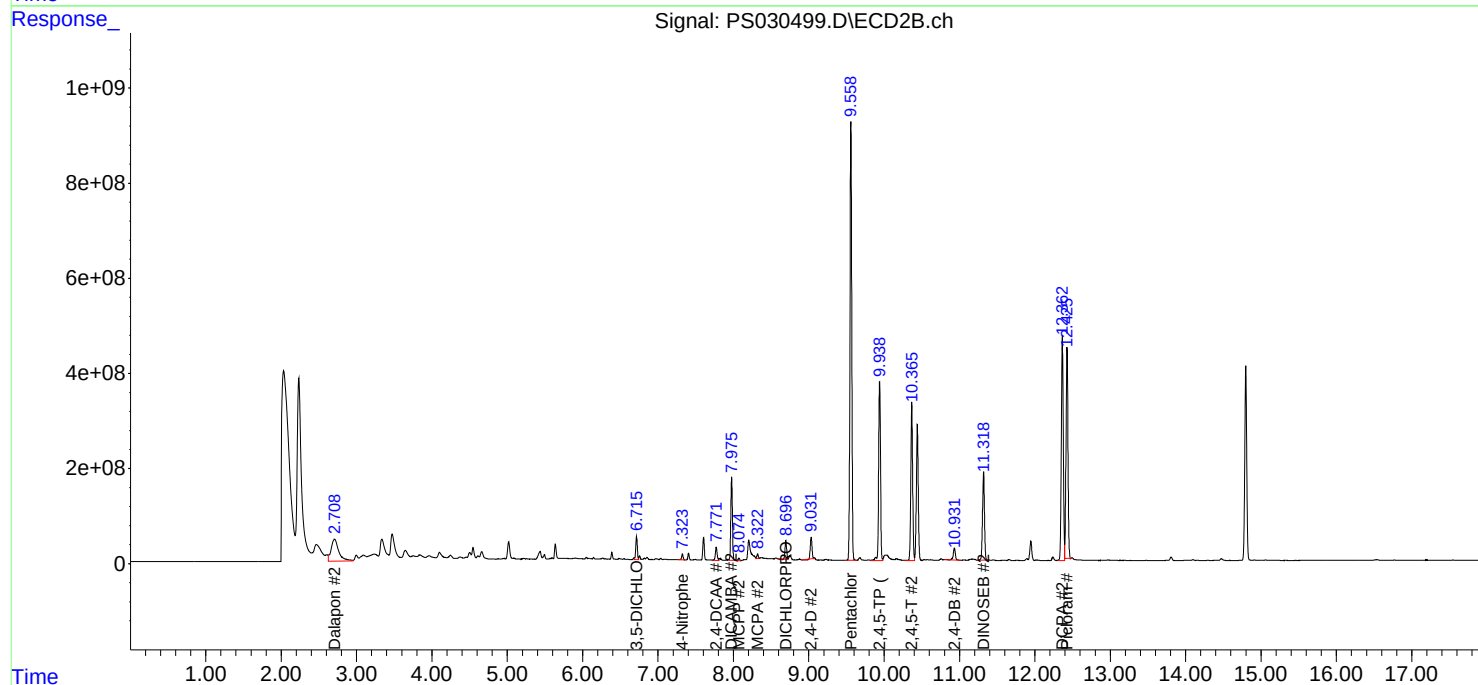
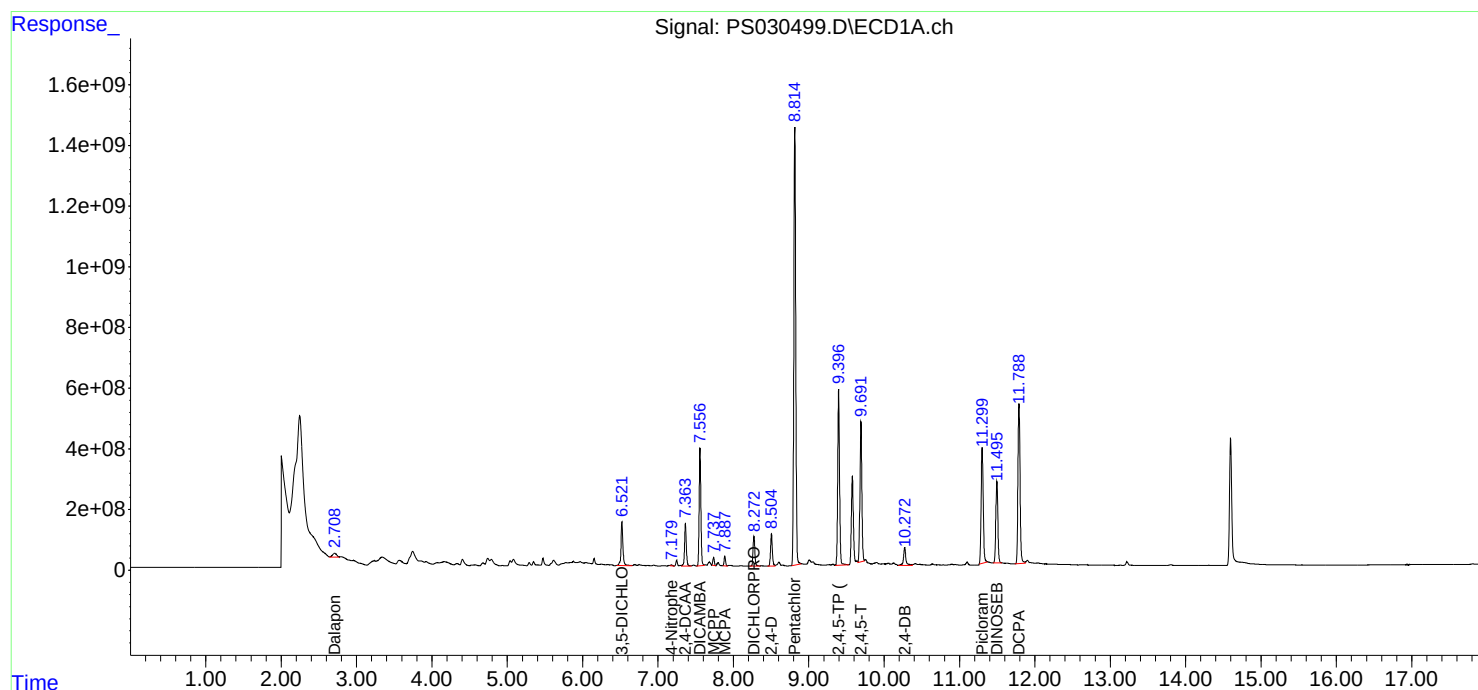
Instrument :
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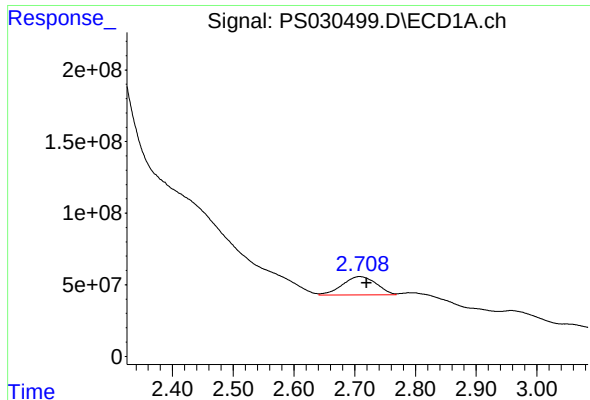
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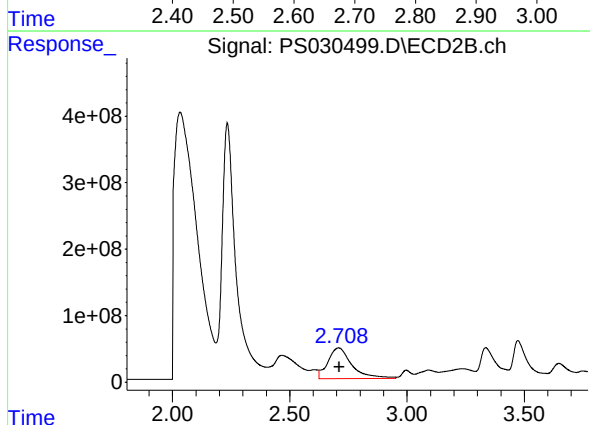
#1 Dalapon

R.T.: 2.708 min
Delta R.T.: -0.012 min
Response: 502711306
Conc: 89.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
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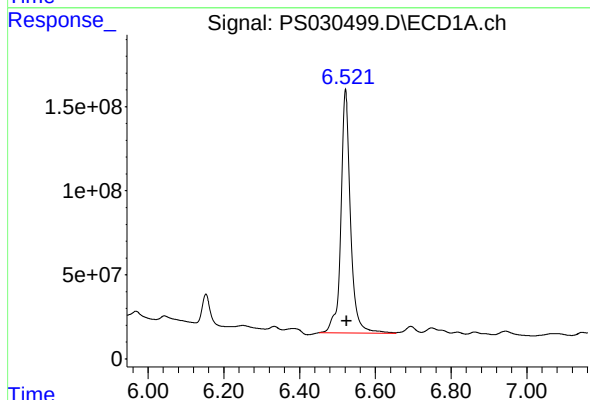
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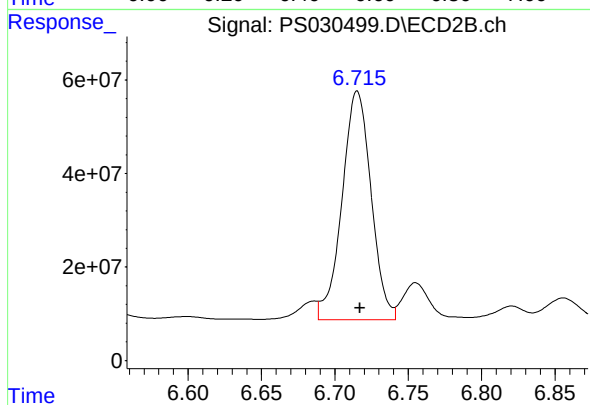
#1 Dalapon

R.T.: 2.708 min
Delta R.T.: -0.002 min
Response: 3275585711
Conc: 1195.46 ng/ml



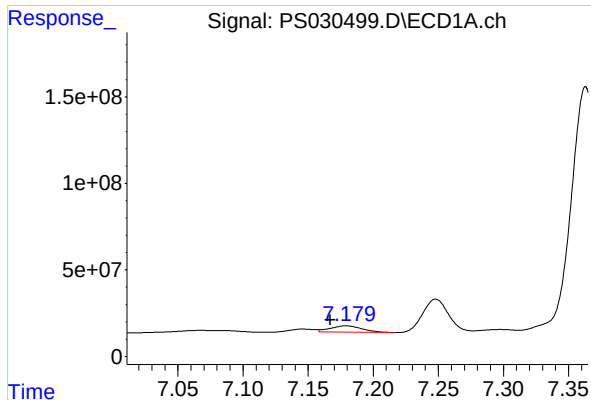
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.521 min
Delta R.T.: -0.003 min
Response: 2587586836
Conc: 476.86 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: -0.002 min
Response: 674084759
Conc: 430.93 ng/ml m



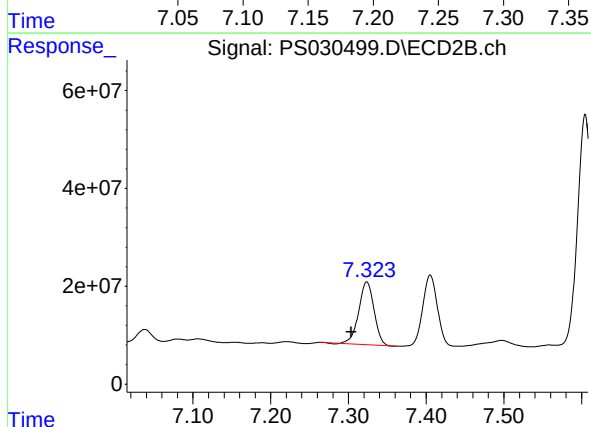
#3 4-Nitrophenol

R.T.: 7.180 min
Delta R.T.: 0.013 min
Response: 62653981
Conc: 34.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
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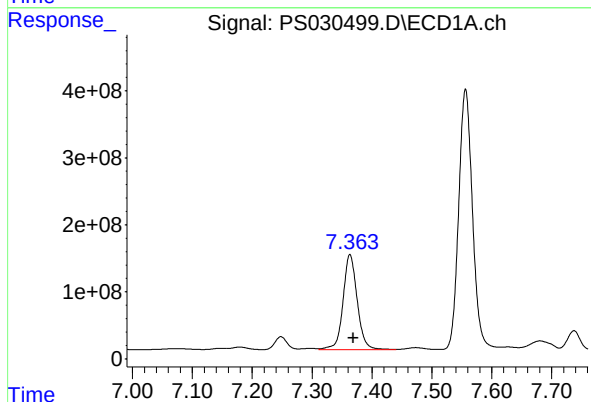
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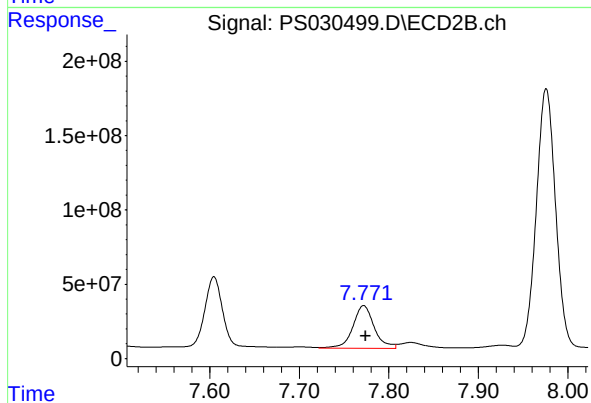
#3 4-Nitrophenol

R.T.: 7.324 min
Delta R.T.: 0.020 min
Response: 177163542
Conc: 113.04 ng/ml



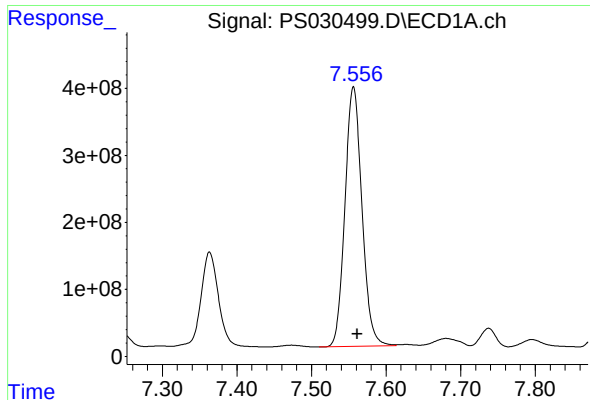
#4 2,4-DCAA

R.T.: 7.363 min
Delta R.T.: -0.006 min
Response: 2327091517
Conc: 616.42 ng/ml



#4 2,4-DCAA

R.T.: 7.772 min
Delta R.T.: -0.002 min
Response: 477797039
Conc: 444.21 ng/ml



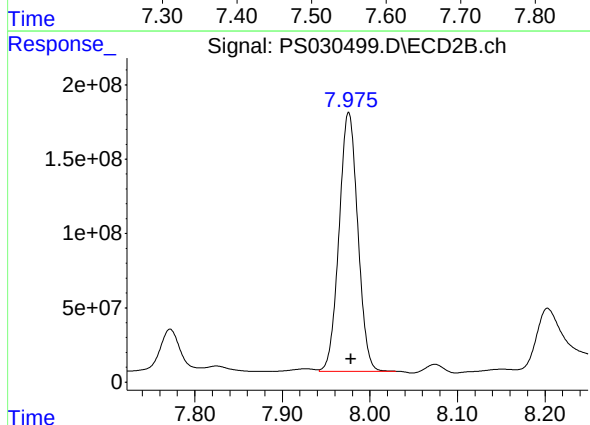
#5 DICAMBA

R.T.: 7.556 min
Delta R.T.: -0.005 min
Response: 6141607108
Conc: 398.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
OR-400-CF-402B-COMP-23MSD

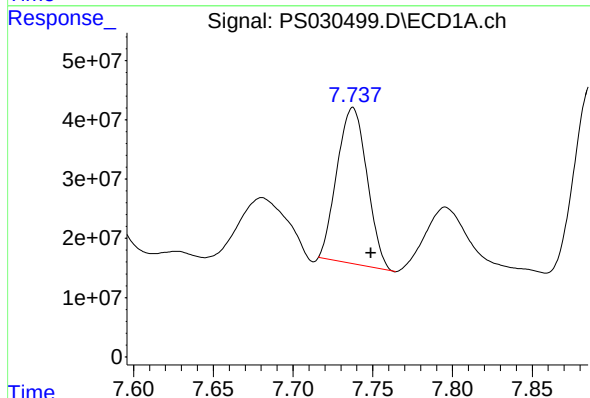
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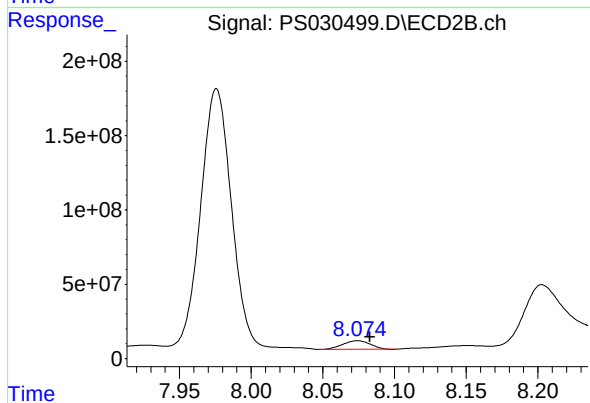
#5 DICAMBA

R.T.: 7.975 min
Delta R.T.: -0.003 min
Response: 2587131856
Conc: 401.63 ng/ml



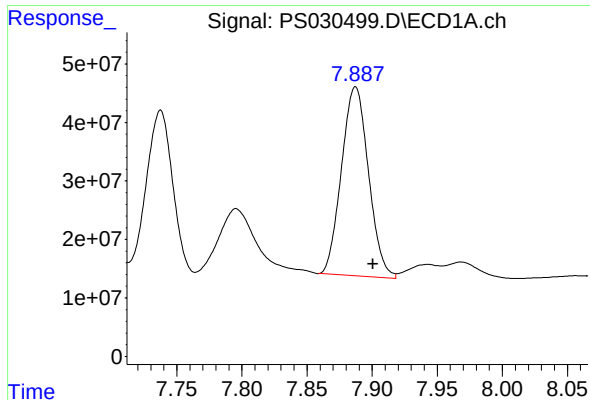
#6 MCPP

R.T.: 7.738 min
Delta R.T.: -0.011 min
Response: 344446549
Conc: 34.78 ug/ml



#6 MCPP

R.T.: 8.074 min
Delta R.T.: -0.009 min
Response: 76944842
Conc: 33.29 ug/ml



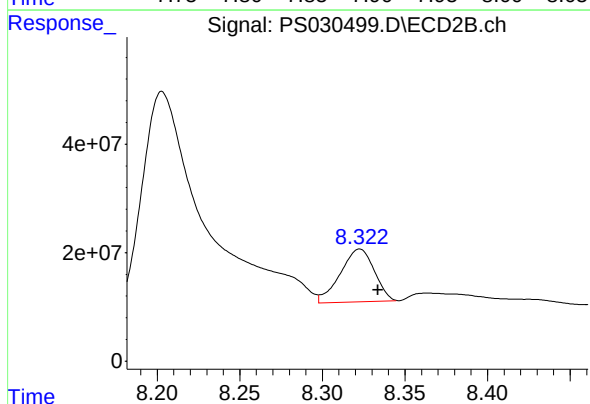
#7 MCPA

R.T.: 7.887 min
Delta R.T.: -0.014 min
Response: 465782156
Conc: 36.71 ug/ml

Instrument :
ECD_S
ClientSampleId :
OR-400-CF-402B-COMP-23MSD

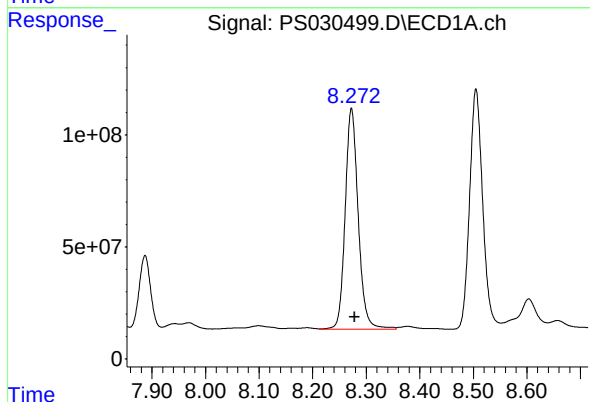
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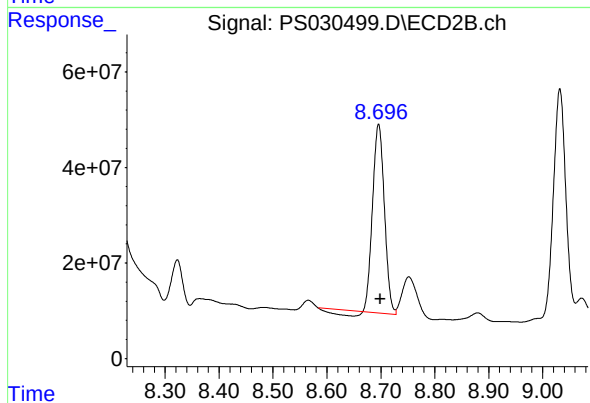
#7 MCPA

R.T.: 8.322 min
Delta R.T.: -0.011 min
Response: 139291412
Conc: 45.14 ug/ml



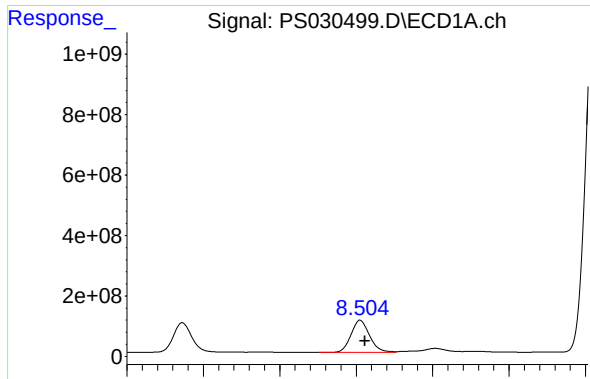
#8 DICHLORPROP

R.T.: 8.272 min
Delta R.T.: -0.006 min
Response: 1664654006
Conc: 457.56 ng/ml



#8 DICHLORPROP

R.T.: 8.696 min
Delta R.T.: -0.003 min
Response: 580665133
Conc: 391.23 ng/ml



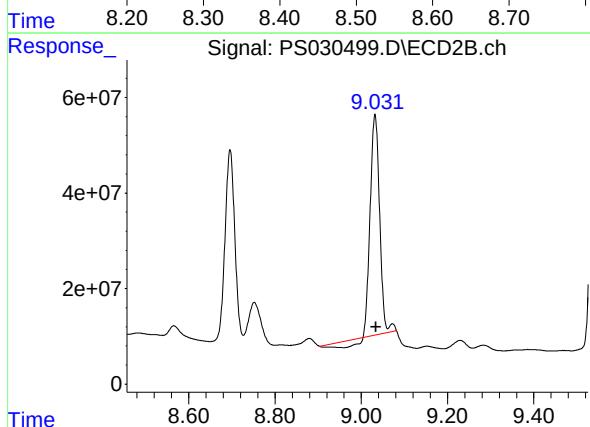
#9 2,4-D

R.T.: 8.505 min
Delta R.T.: -0.006 min
Response: 1812982333
Conc: 497.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
OR-400-CF-402B-COMP-23MSD

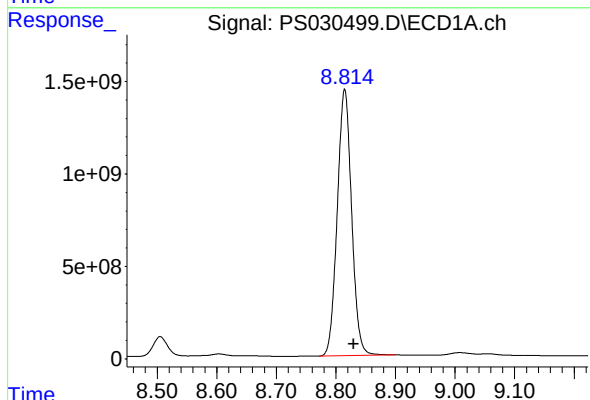
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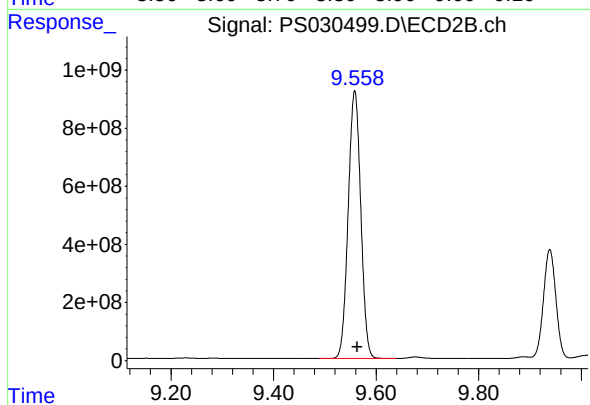
#9 2,4-D

R.T.: 9.032 min
Delta R.T.: -0.003 min
Response: 667374581
Conc: 424.45 ng/ml



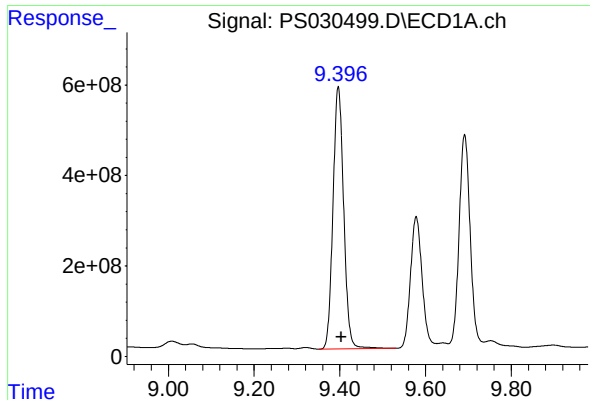
#10 Pentachlorophenol

R.T.: 8.815 min
Delta R.T.: -0.015 min
Response: 24170289961
Conc: 475.92 ng/ml



#10 Pentachlorophenol

R.T.: 9.558 min
Delta R.T.: -0.005 min
Response: 15618956323
Conc: 432.20 ng/ml



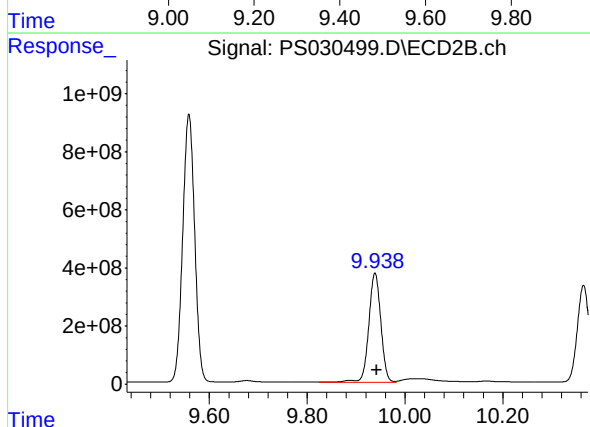
#11 2,4,5-TP (SILVEX)

R.T.: 9.396 min
Delta R.T.: -0.007 min
Response: 10032880347
Conc: 485.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
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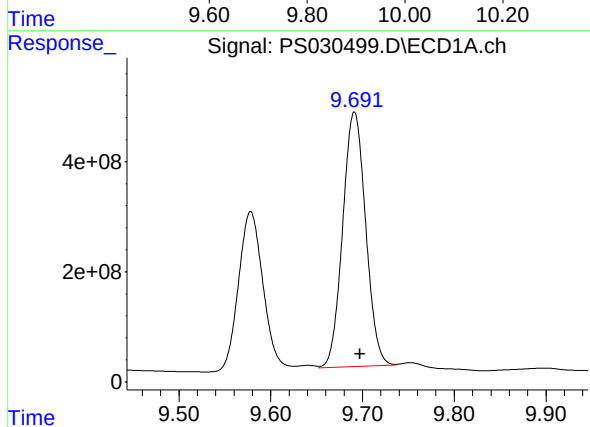
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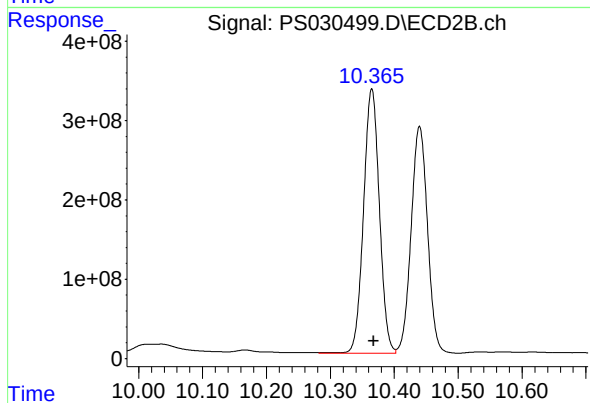
#11 2,4,5-TP (SILVEX)

R.T.: 9.939 min
Delta R.T.: -0.004 min
Response: 6396099108
Conc: 466.30 ng/ml



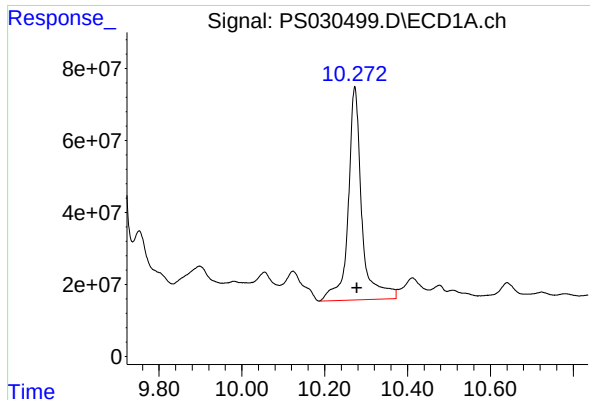
#12 2,4,5-T

R.T.: 9.691 min
Delta R.T.: -0.006 min
Response: 8042755248
Conc: 436.37 ng/ml



#12 2,4,5-T

R.T.: 10.365 min
Delta R.T.: -0.003 min
Response: 5746351847
Conc: 440.09 ng/ml



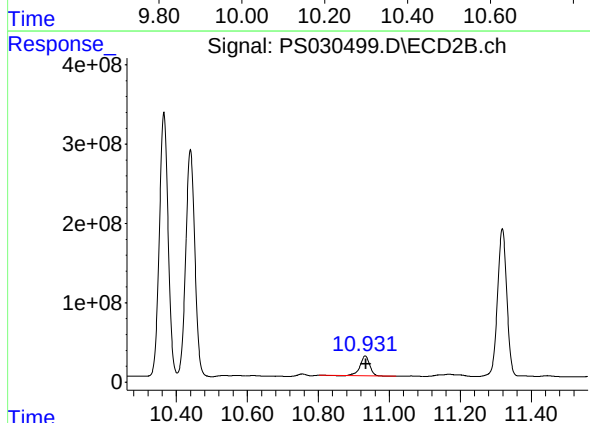
#13 2,4-DB

R.T.: 10.273 min
Delta R.T.: -0.005 min
Response: 1348132387
Conc: 444.00 ng/ml

Instrument :
ECD_S
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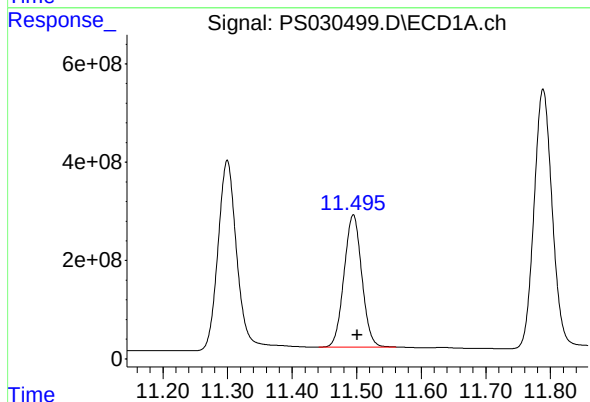
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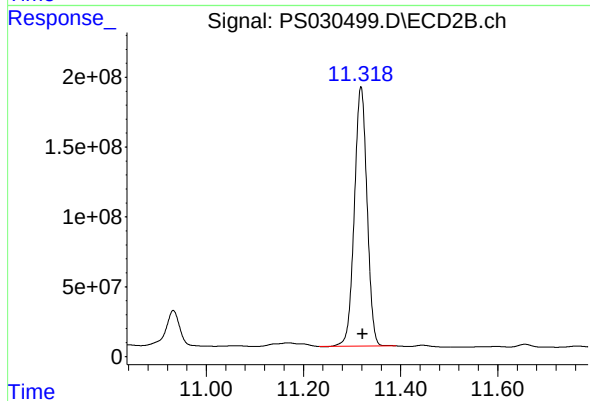
#13 2,4-DB

R.T.: 10.932 min
Delta R.T.: -0.003 min
Response: 476221014
Conc: 414.27 ng/ml



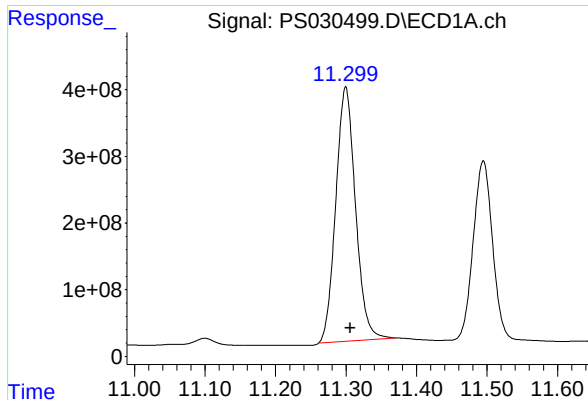
#14 DINOSEB

R.T.: 11.495 min
Delta R.T.: -0.007 min
Response: 5119543148
Conc: 356.14 ng/ml



#14 DINOSEB

R.T.: 11.318 min
Delta R.T.: -0.003 min
Response: 3367260915
Conc: 335.05 ng/ml



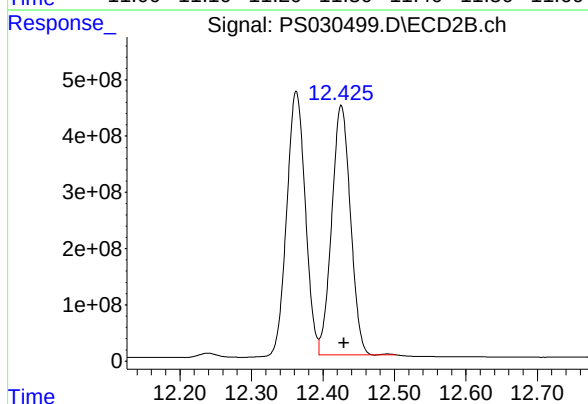
#15 Picloram

R.T.: 11.300 min
Delta R.T.: -0.007 min
Response: 7424890565
Conc: 371.16 ng/ml

Instrument :
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ClientSampleId :
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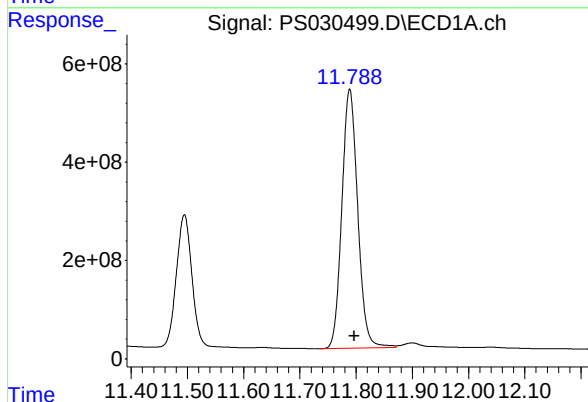
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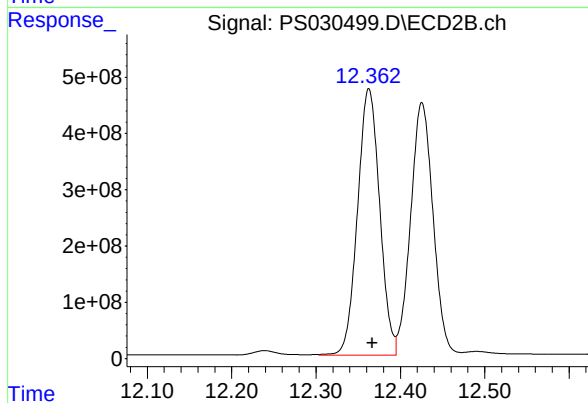
#15 Picloram

R.T.: 12.426 min
Delta R.T.: -0.004 min
Response: 8083997083
Conc: 366.06 ng/ml



#16 DCPA

R.T.: 11.789 min
Delta R.T.: -0.008 min
Response: 10331934058
Conc: 390.77 ng/ml



#16 DCPA

R.T.: 12.362 min
Delta R.T.: -0.004 min
Response: 8632287444
Conc: 421.85 ng/ml m