

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062325\
 Data File : PS030796.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jun 2025 11:46
 Operator : AR\AJ
 Sample : PB168557BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168557BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/24/2025
 Supervised By : mohammad ahmed 06/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 24 01:52:27 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 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	7.343	7.768	1928.9E6	563.4E6	524.963m	525.560
Target Compounds							
1) T	Dalapon	2.709	2.709	2926.1E6	1291.5E6	490.499	471.060
2) T	3,5-DICHL...	6.504	6.714	2672.8E6	790.5E6	497.026	490.005
3) T	4-Nitroph...	7.144	7.300	785.5E6	818.0E6	498.161	471.852
5) T	DICAMBA	7.534	7.971	7799.4E6	3262.9E6	512.612	497.910
6) T	MCPPE	7.714	8.068	405.8E6	109.3E6	43.226	52.097
7) T	MCPA	7.865	8.317	578.9E6	157.3E6	49.349	50.020
8) T	DICHLORPROP	8.248	8.689	1836.8E6	754.7E6	490.362	479.915
9) T	2,4-D	8.480	9.025	1737.1E6	828.8E6	504.324	487.701
10) T	Pentachlo...	8.788	9.550	28203.8E6	19806.9E6	532.898	519.564
11) T	2,4,5-TP ...	9.369	9.930	10576.2E6	7340.8E6	528.009	508.761
12) T	2,4,5-T	9.662	10.357	8982.4E6	7029.5E6	545.935	514.433
13) T	2,4-DB	10.240	10.925	1322.2E6	597.9E6	576.497	505.456
14) T	DINOSEB	11.458	11.309	7272.2E6	5356.4E6	524.190m	496.829
15) T	Picloram	11.268	12.418	9050.4E6	12058.0E6	562.972m	518.814
16) T	DCPA	11.754	12.353	14113.8E6	11510.5E6	550.970m	522.188m

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

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Operator : AR\AJ
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ALS Vial : 4 Sample Multiplier: 1

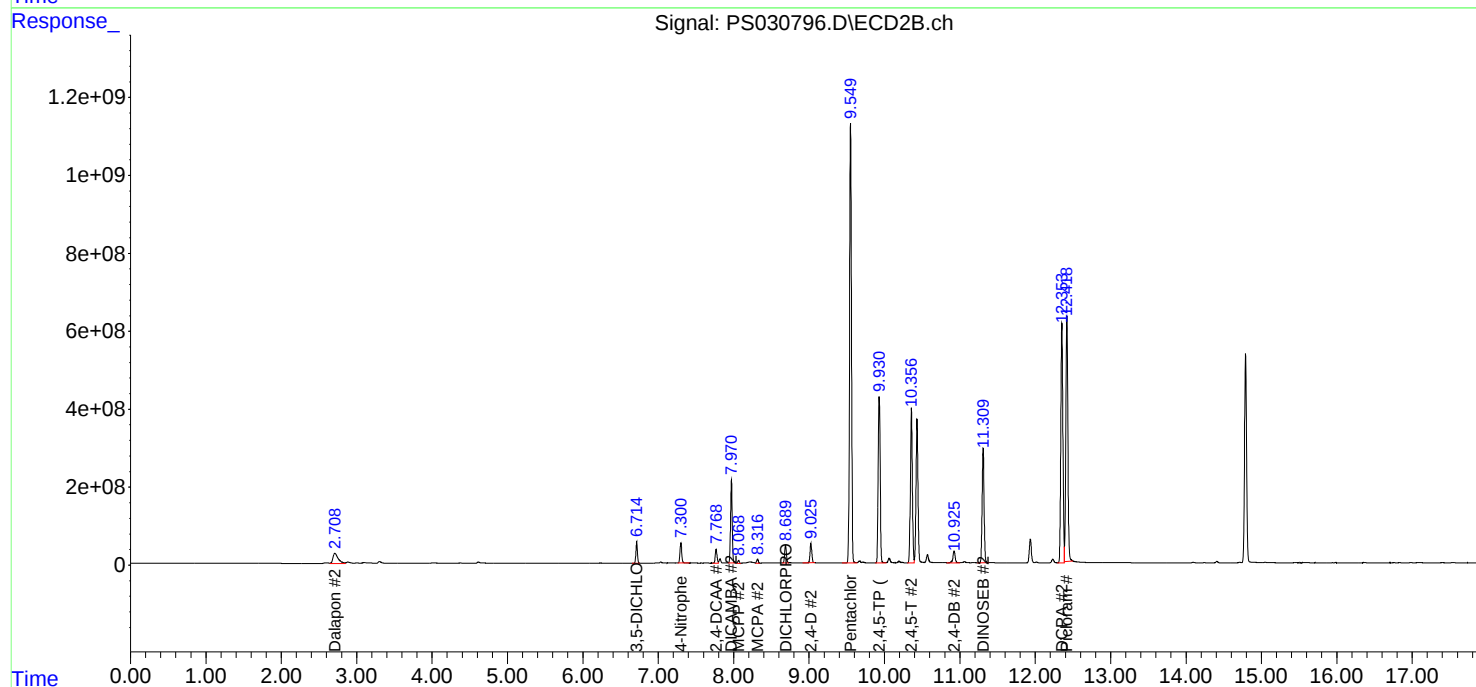
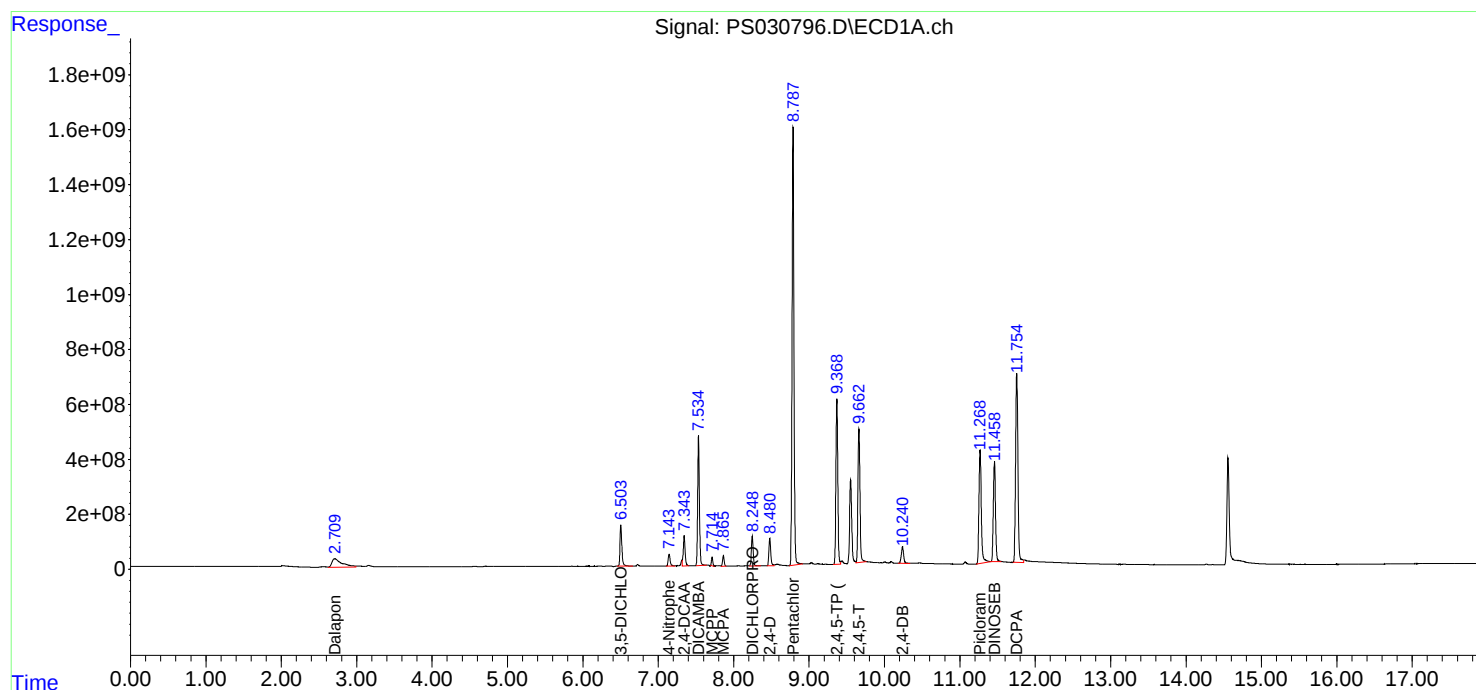
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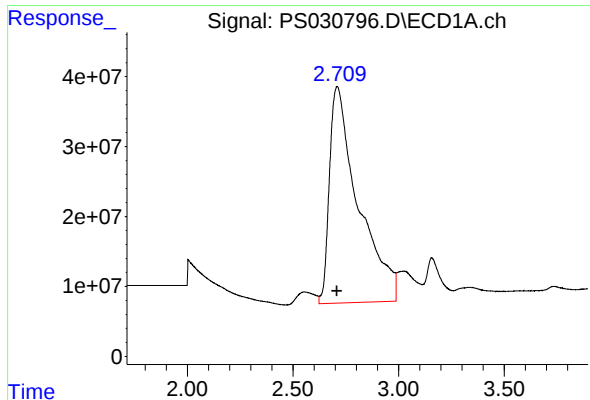
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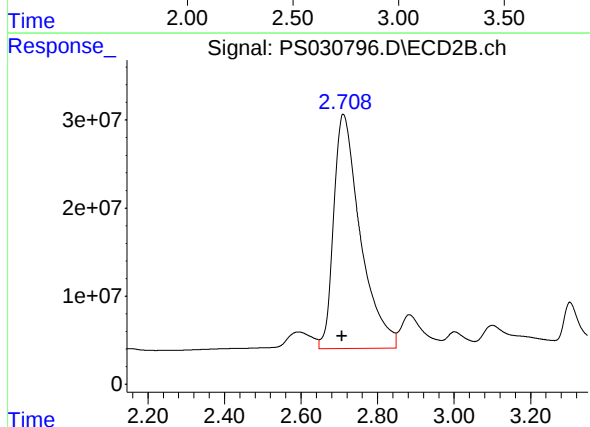
#1 Dalapon

R.T.: 2.709 min
Delta R.T.: 0.000 min
Response: 2926132687
Conc: 490.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168557BS

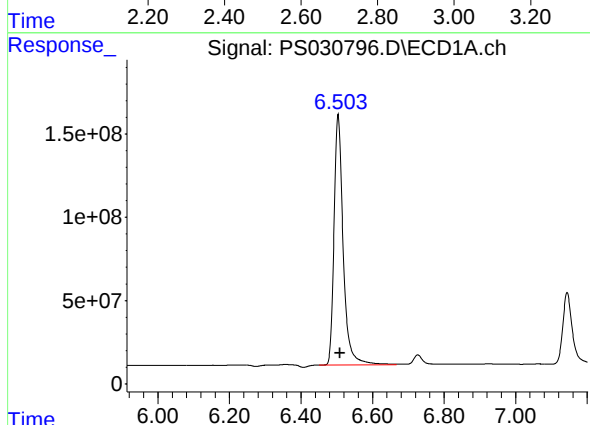
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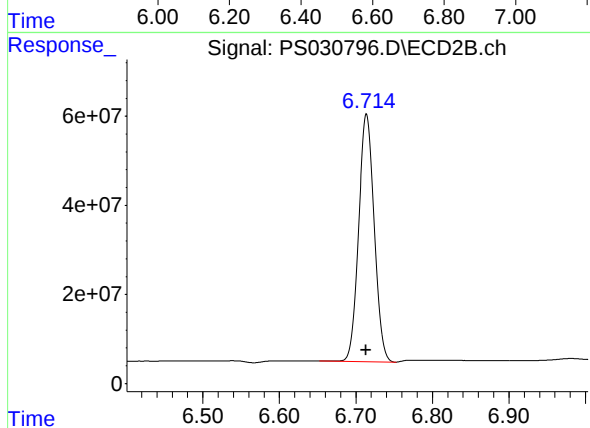
#1 Dalapon

R.T.: 2.709 min
Delta R.T.: 0.002 min
Response: 1291524626
Conc: 471.06 ng/ml



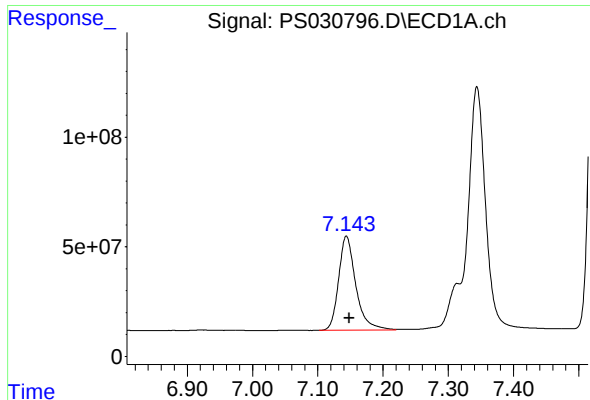
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.504 min
Delta R.T.: -0.005 min
Response: 2672784505
Conc: 497.03 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 790452059
Conc: 490.01 ng/ml



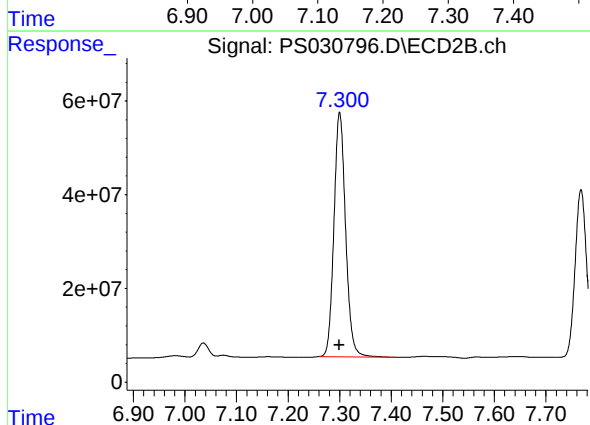
#3 4-Nitrophenol

R.T.: 7.144 min
Delta R.T.: -0.005 min
Response: 785484360
Conc: 498.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168557BS

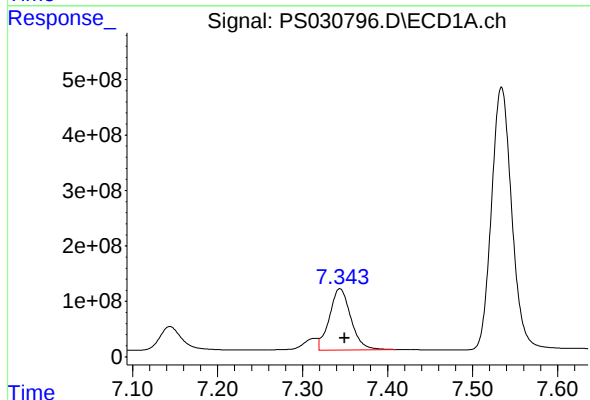
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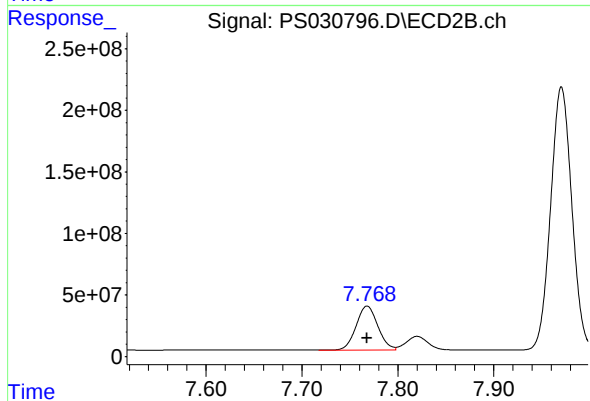
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 817972796
Conc: 471.85 ng/ml



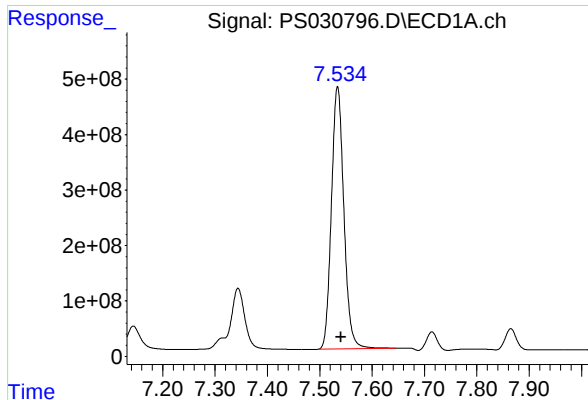
#4 2,4-DCAA

R.T.: 7.343 min
Delta R.T.: -0.006 min
Response: 1928920529
Conc: 524.96 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 563381331
Conc: 525.56 ng/ml



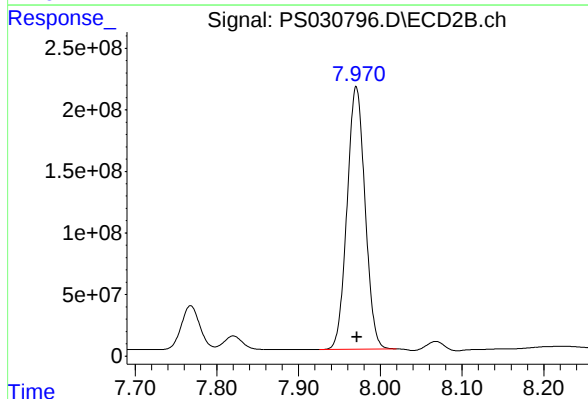
#5 DICAMBA

R.T.: 7.534 min
Delta R.T.: -0.006 min
Response: 7799432537
Conc: 512.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168557BS

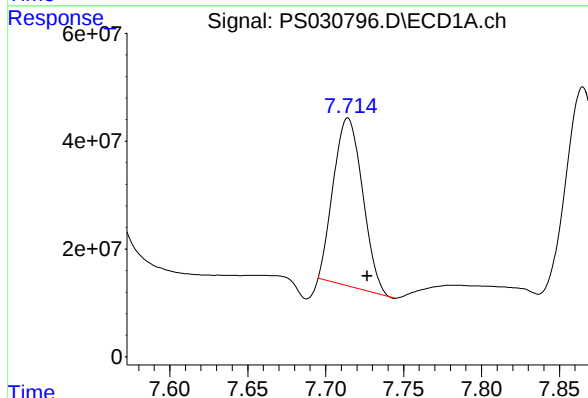
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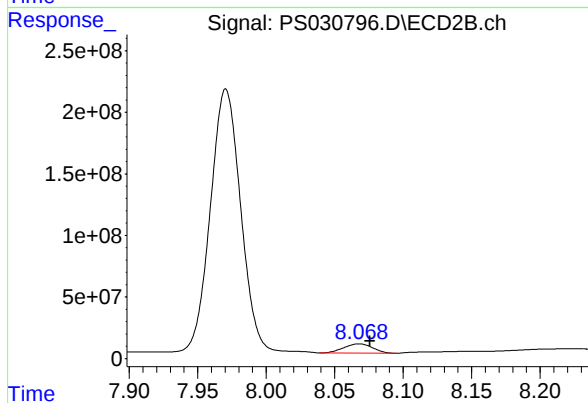
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 3262914082
Conc: 497.91 ng/ml



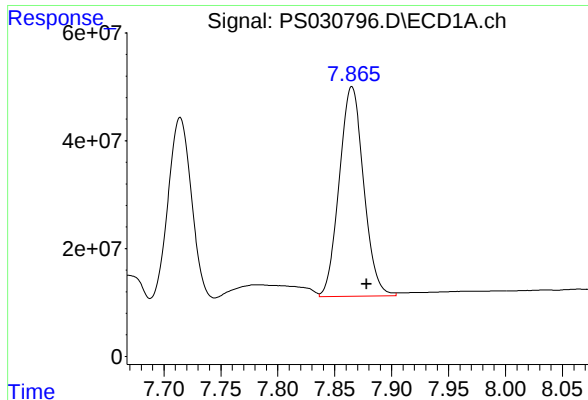
#6 MCPP

R.T.: 7.714 min
Delta R.T.: -0.013 min
Response: 405820028
Conc: 43.23 ug/ml



#6 MCPP

R.T.: 8.068 min
Delta R.T.: -0.008 min
Response: 109264884
Conc: 52.10 ug/ml



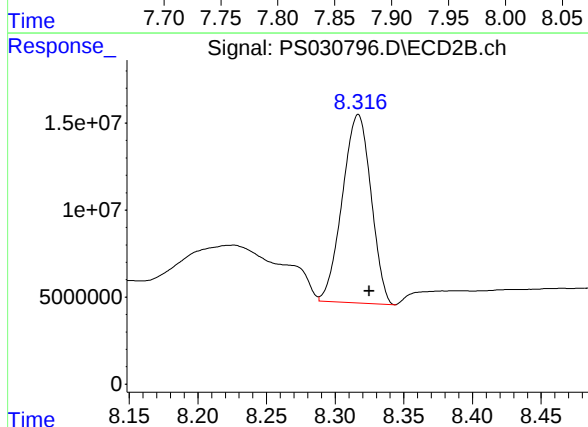
#7 MCPA

R.T.: 7.865 min
Delta R.T.: -0.013 min
Response: 578896588
Conc: 49.35 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168557BS

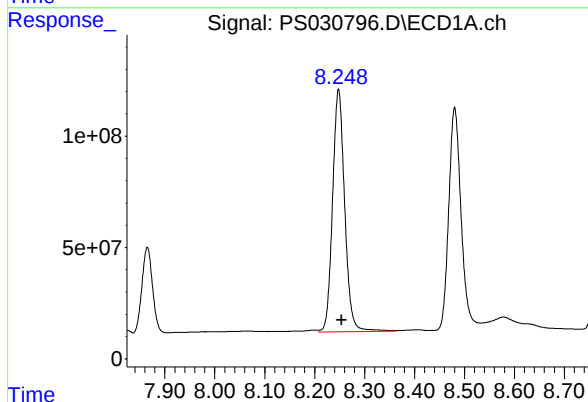
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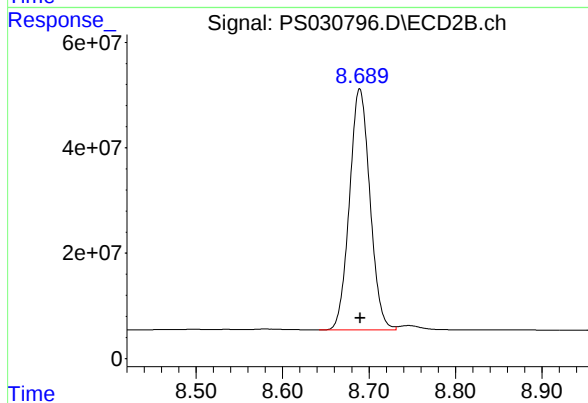
#7 MCPA

R.T.: 8.317 min
Delta R.T.: -0.008 min
Response: 157349301
Conc: 50.02 ug/ml



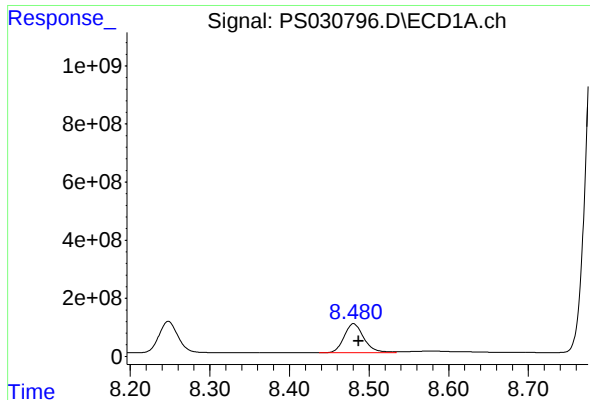
#8 DICHLORPROP

R.T.: 8.248 min
Delta R.T.: -0.006 min
Response: 1836782212
Conc: 490.36 ng/ml



#8 DICHLORPROP

R.T.: 8.689 min
Delta R.T.: 0.000 min
Response: 754663949
Conc: 479.91 ng/ml



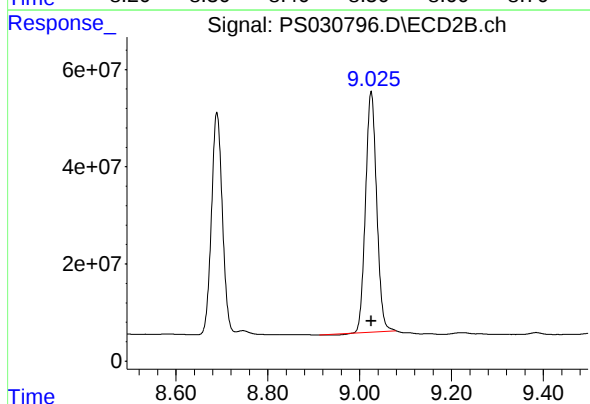
#9 2,4-D

R.T.: 8.480 min
Delta R.T.: -0.007 min
Response: 1737098006
Conc: 504.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168557BS

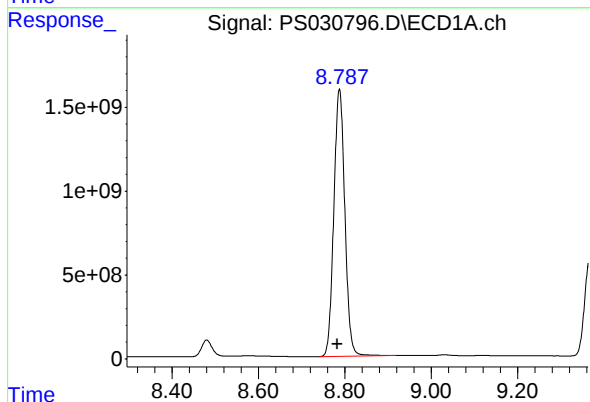
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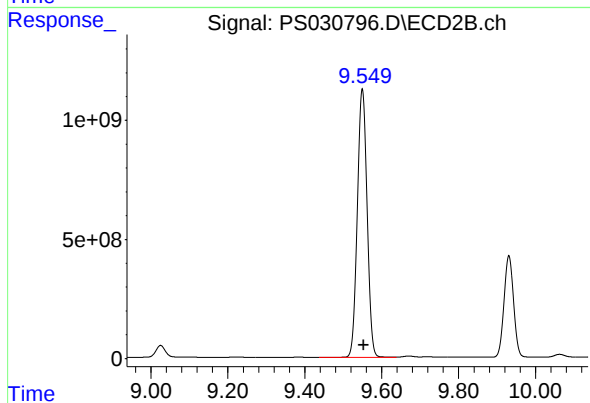
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 828801405
Conc: 487.70 ng/ml



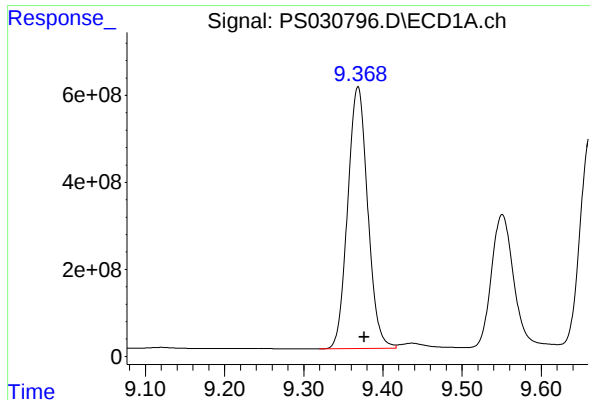
#10 Pentachlorophenol

R.T.: 8.788 min
Delta R.T.: 0.005 min
Response: 28203840131
Conc: 532.90 ng/ml



#10 Pentachlorophenol

R.T.: 9.550 min
Delta R.T.: -0.003 min
Response: 19806885120
Conc: 519.56 ng/ml



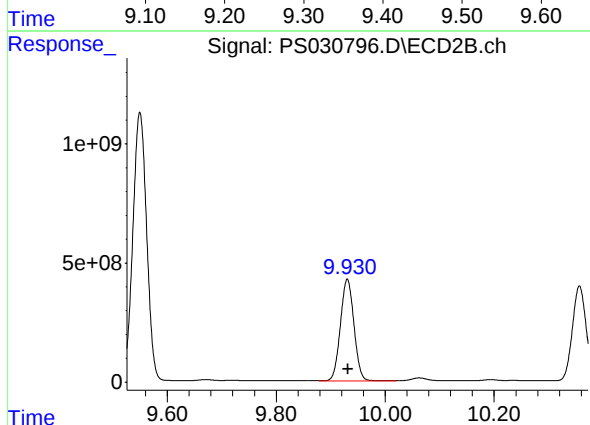
#11 2,4,5-TP (SILVEX)

R.T.: 9.369 min
Delta R.T.: -0.008 min
Response: 10576230229
Conc: 528.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168557BS

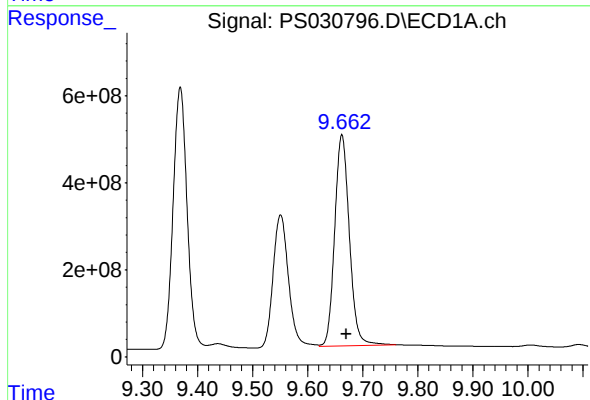
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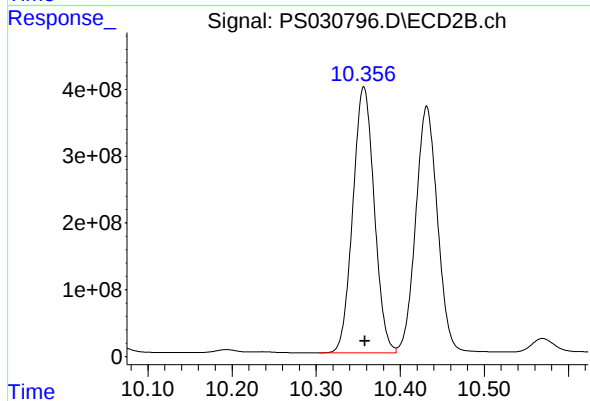
#11 2,4,5-TP (SILVEX)

R.T.: 9.930 min
Delta R.T.: -0.001 min
Response: 7340763942
Conc: 508.76 ng/ml



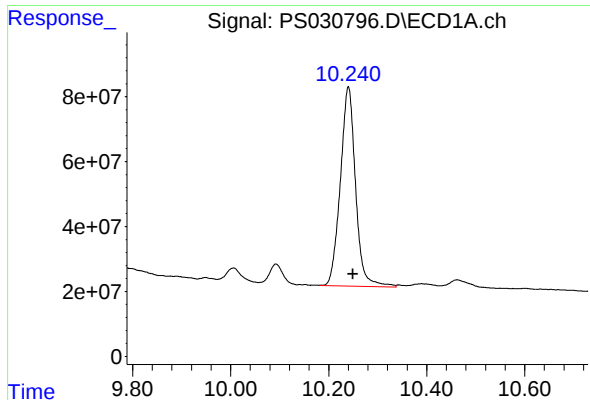
#12 2,4,5-T

R.T.: 9.662 min
Delta R.T.: -0.008 min
Response: 8982359103
Conc: 545.94 ng/ml



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: -0.001 min
Response: 7029536852
Conc: 514.43 ng/ml



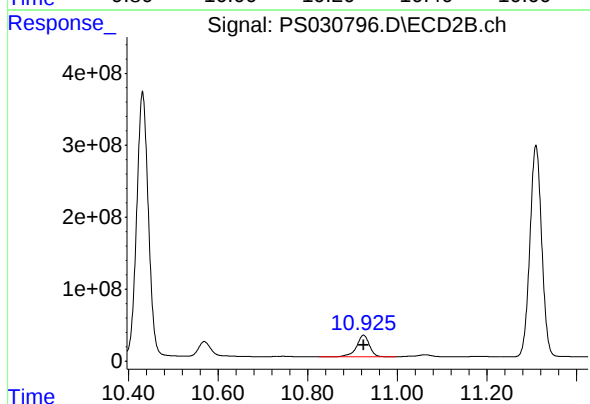
#13 2,4-DB

R.T.: 10.240 min
Delta R.T.: -0.010 min
Response: 1322197460
Conc: 576.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168557BS

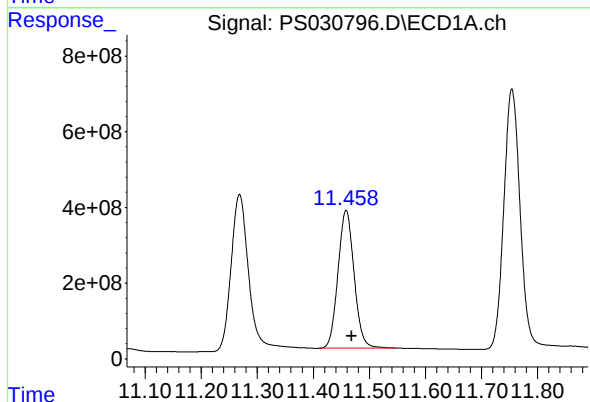
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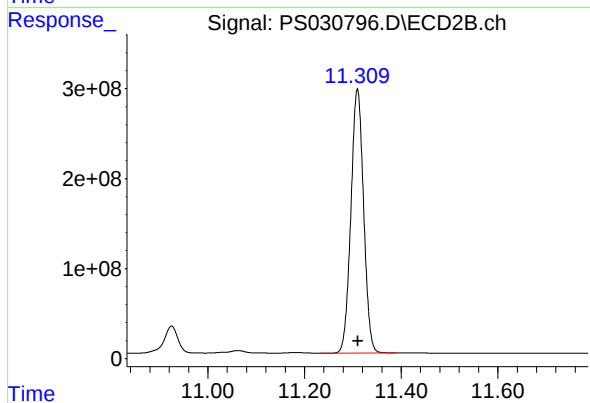
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 597905147
Conc: 505.46 ng/ml



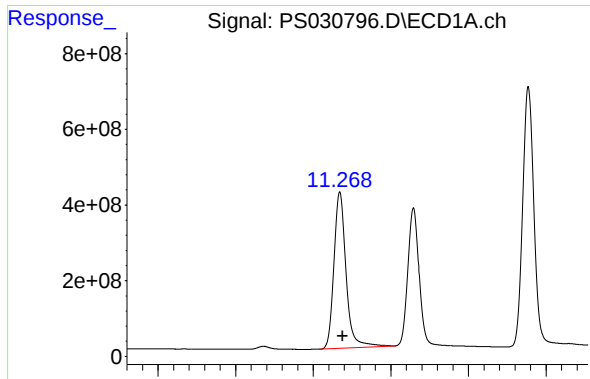
#14 DINOSEB

R.T.: 11.458 min
Delta R.T.: -0.010 min
Response: 7272189553
Conc: 524.19 ng/ml m



#14 DINOSEB

R.T.: 11.309 min
Delta R.T.: -0.002 min
Response: 5356439915
Conc: 496.83 ng/ml



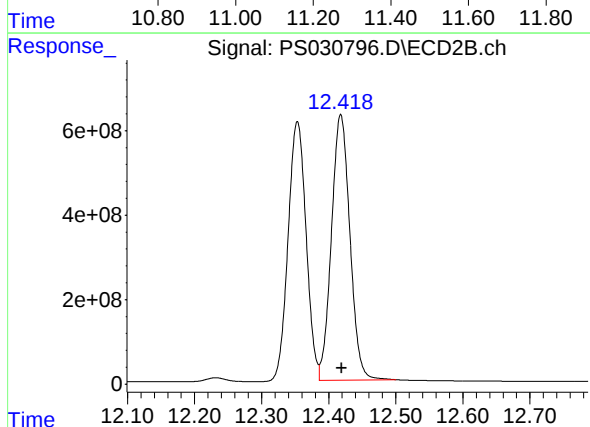
#15 Picloram

R.T.: 11.268 min
Delta R.T.: -0.008 min
Response: 9050401166
Conc: 562.97 ng/ml

Instrument :
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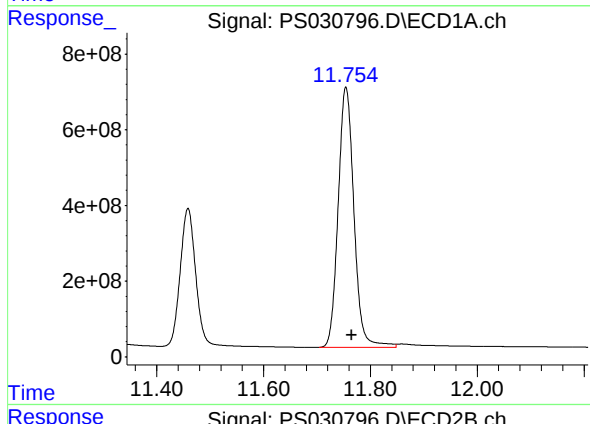
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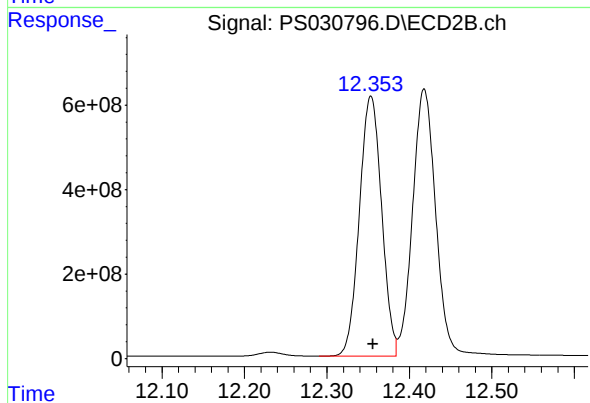
#15 Picloram

R.T.: 12.418 min
Delta R.T.: -0.001 min
Response: 12057985979
Conc: 518.81 ng/ml



#16 DCPA

R.T.: 11.754 min
Delta R.T.: -0.011 min
Response: 14113778724
Conc: 550.97 ng/ml m



#16 DCPA

R.T.: 12.353 min
Delta R.T.: -0.003 min
Response: 11510476949
Conc: 522.19 ng/ml m