

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030498.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 20:51
 Operator : AR\AJ
 Sample : Q2173-06MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

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 01:40:02 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	2396.9E6	482.8E6	634.903	448.861 #
Target Compounds							
1) T	Dalapon	2.709	2.707	594.4E6	3441.0E6	105.266m	1255.837 #
2) T	3,5-DICHL...	6.520	6.715	2496.2E6	650.4E6	460.009m	415.806m
3) T	4-Nitroph...	7.179	7.323	71028163	180.0E6	38.734	114.873 #
5) T	DICAMBA	7.556	7.975	6210.4E6	2594.4E6	402.680	402.756m
6) T	MCP	7.738	8.074	344.3E6	77250197	34.759	33.419
7) T	MCPA	7.887	8.322	506.1E6	134.2E6	39.884m	43.498m
8) T	DICHLORPROP	8.272	8.696	1681.2E6	628.4E6	462.112	423.369
9) T	2,4-D	8.506	9.031	1841.9E6	703.3E6	505.514	447.283
10) T	Pentachlo...	8.814	9.558	24488.5E6	15745.5E6	482.188	435.705
11) T	2,4,5-TP ...	9.397	9.939	10124.5E6	6295.3E6	489.930	458.949
12) T	2,4,5-T	9.692	10.365	8200.8E6	5776.6E6	444.945	442.407
13) T	2,4-DB	10.273	10.932	1378.9E6	485.0E6	454.131	421.890
14) T	DINOSEB	11.495	11.319	5139.6E6	3354.6E6	357.538	333.791
15) T	Picloram	11.300	12.426	7693.0E6	8293.3E6	384.557	375.537
16) T	DCPA	11.789	12.362	10394.0E6	8718.7E6	393.114	426.072m

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

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Acq On : 04 Jun 2025 20:51
Operator : AR\AJ
Sample : Q2173-06MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

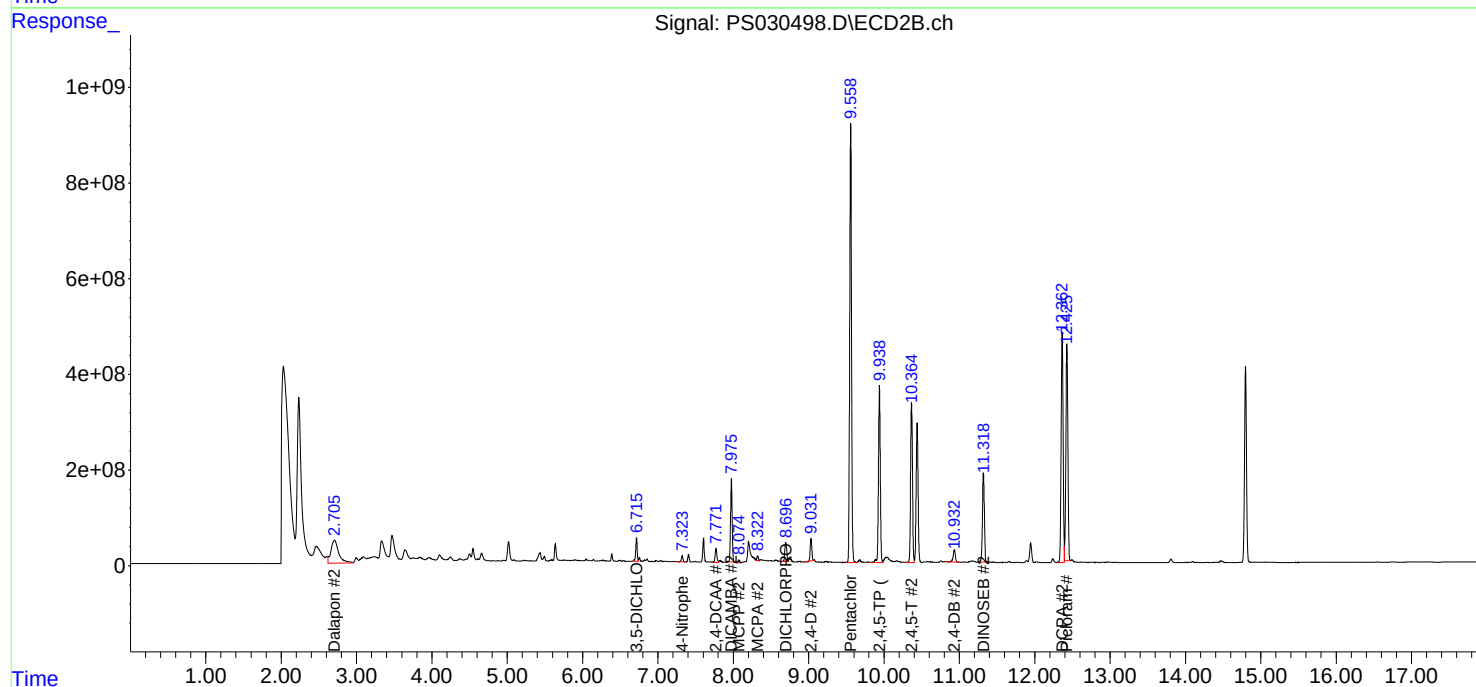
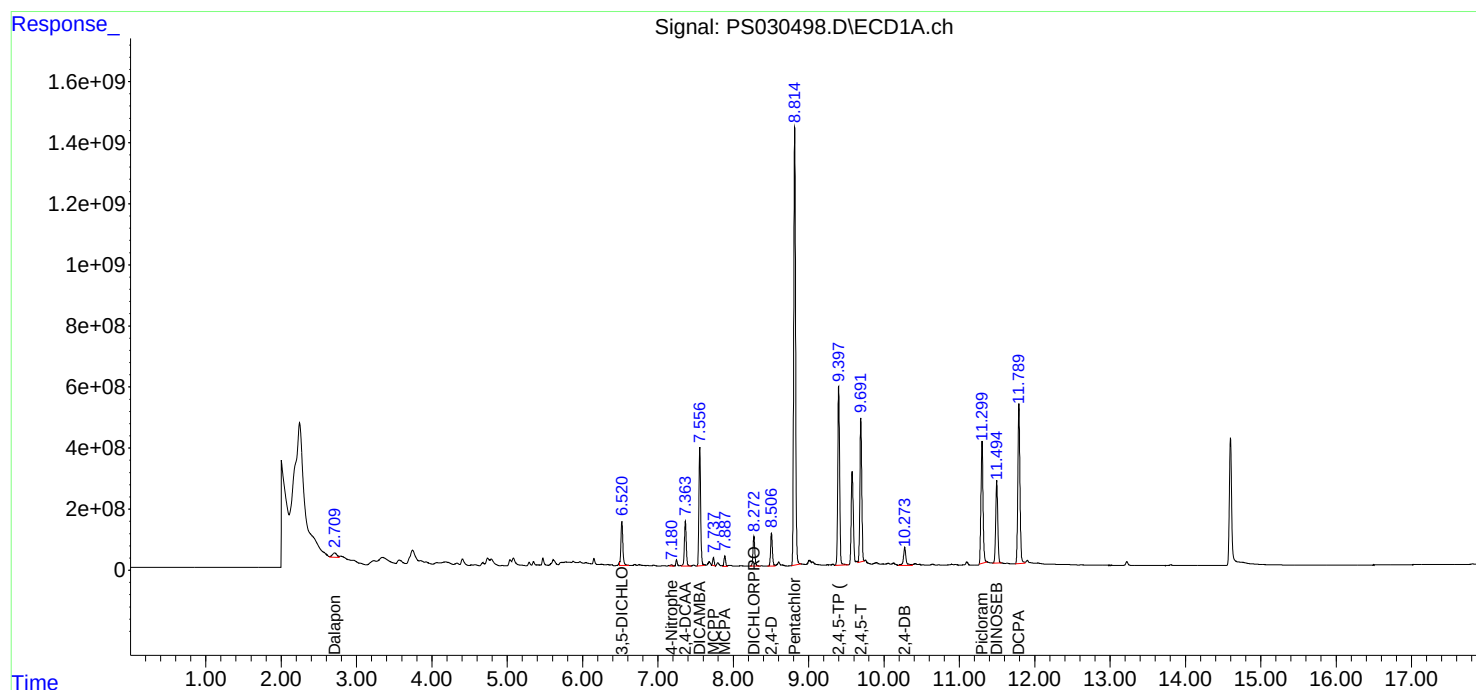
Instrument :
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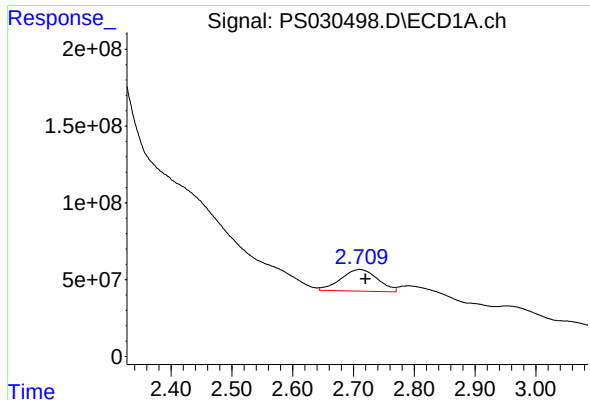
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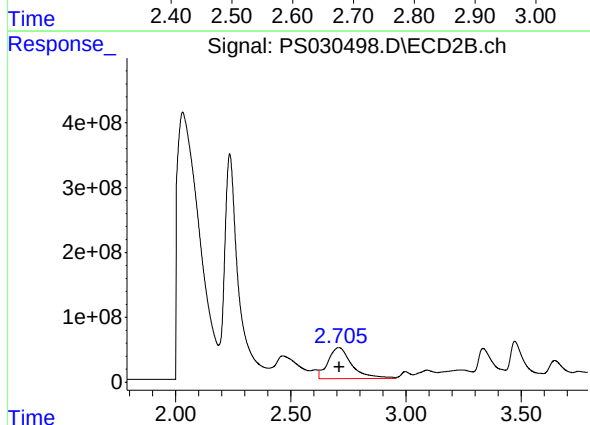
#1 Dalapon

R.T.: 2.709 min
Delta R.T.: -0.011 min
Response: 594432998
Conc: 105.27 ng/ml

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

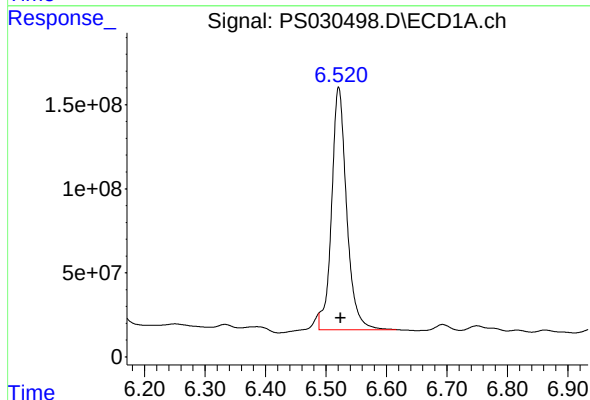
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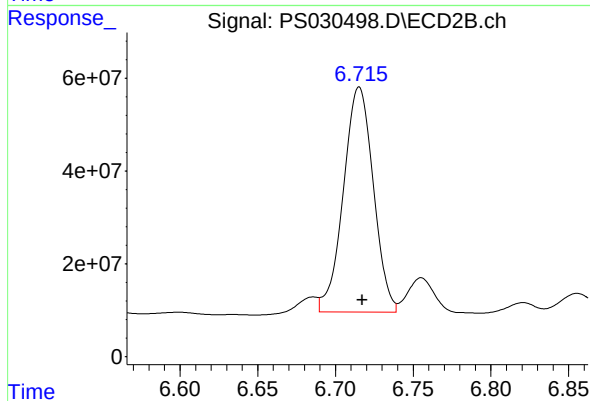
#1 Dalapon

R.T.: 2.707 min
Delta R.T.: -0.003 min
Response: 3441011288
Conc: 1255.84 ng/ml



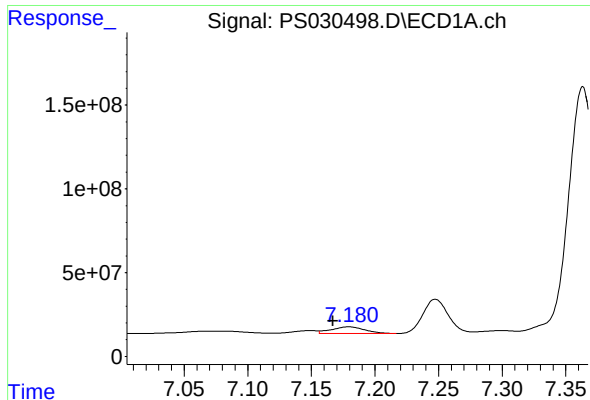
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.520 min
Delta R.T.: -0.004 min
Response: 2496169195
Conc: 460.01 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: -0.002 min
Response: 650424235
Conc: 415.81 ng/ml m



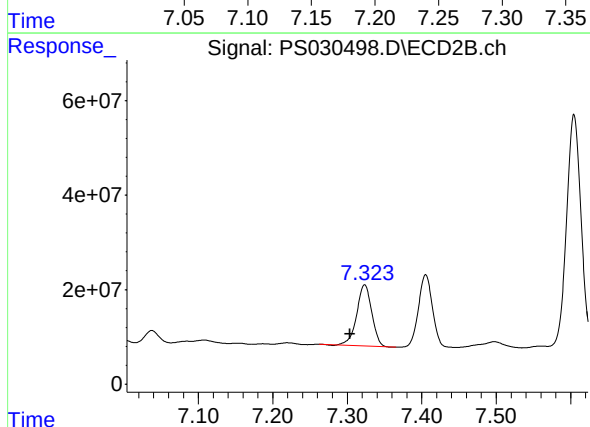
#3 4-Nitrophenol

R.T.: 7.179 min
Delta R.T.: 0.013 min
Response: 71028163
Conc: 38.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
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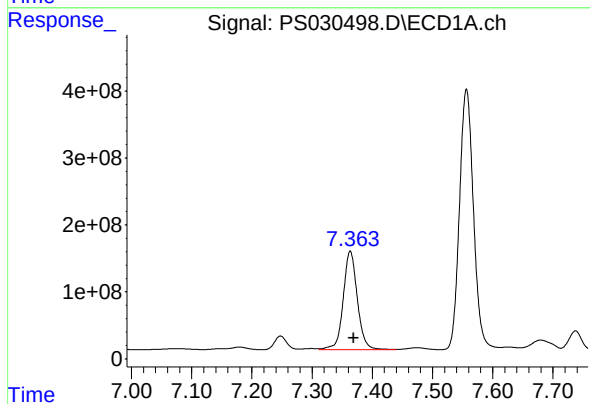
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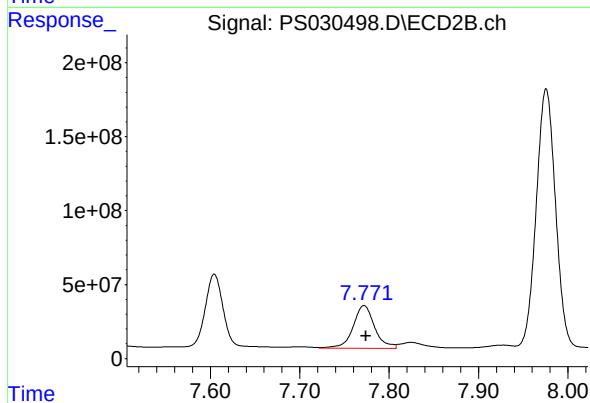
#3 4-Nitrophenol

R.T.: 7.323 min
Delta R.T.: 0.019 min
Response: 180034280
Conc: 114.87 ng/ml



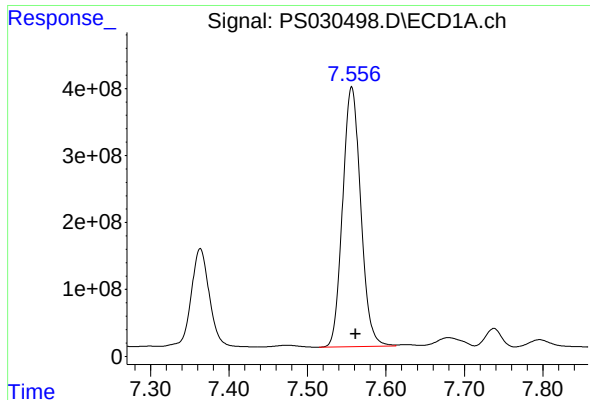
#4 2,4-DCAA

R.T.: 7.363 min
Delta R.T.: -0.006 min
Response: 2396850036
Conc: 634.90 ng/ml



#4 2,4-DCAA

R.T.: 7.772 min
Delta R.T.: -0.002 min
Response: 482799328
Conc: 448.86 ng/ml



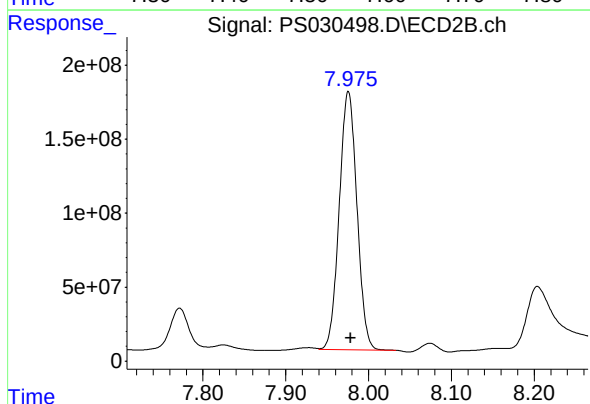
#5 DICAMBA

R.T.: 7.556 min
Delta R.T.: -0.005 min
Response: 6210350479
Conc: 402.68 ng/ml

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

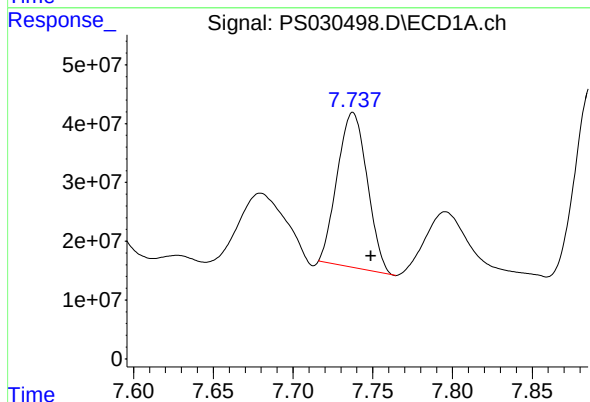
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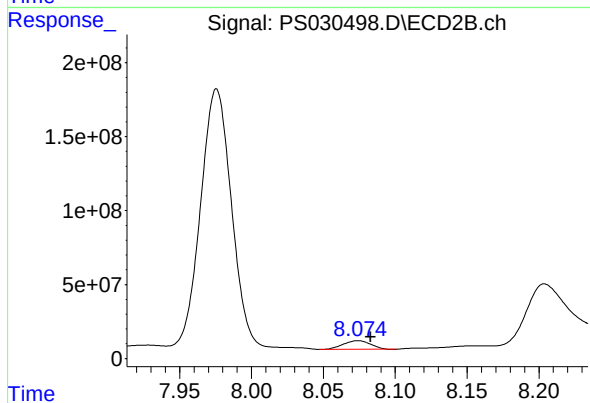
#5 DICAMBA

R.T.: 7.975 min
Delta R.T.: -0.003 min
Response: 2594412447
Conc: 402.76 ng/ml m



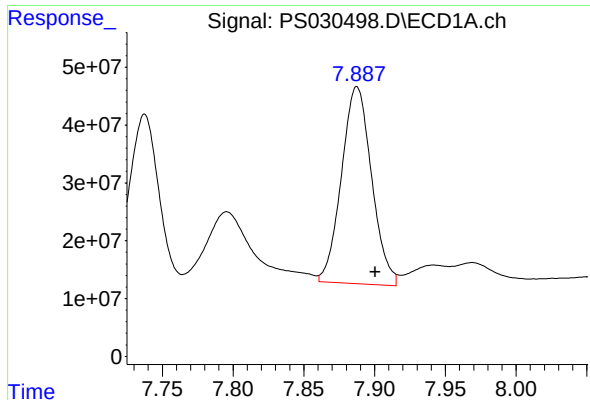
#6 MCPP

R.T.: 7.738 min
Delta R.T.: -0.011 min
Response: 344282711
Conc: 34.76 ug/ml



#6 MCPP

R.T.: 8.074 min
Delta R.T.: -0.009 min
Response: 77250197
Conc: 33.42 ug/ml



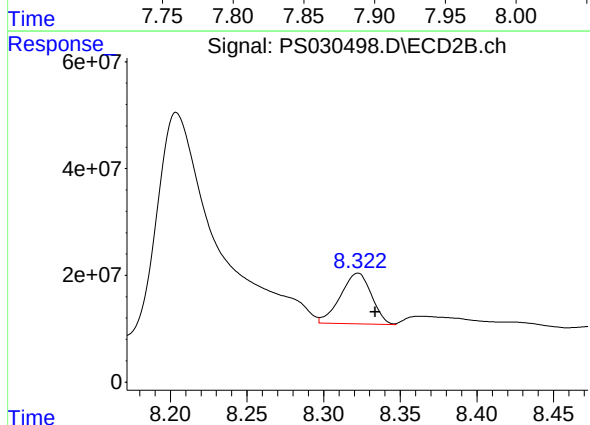
#7 MCPA

R.T.: 7.887 min
Delta R.T.: -0.014 min
Response: 506100654
Conc: 39.88 ug/ml

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

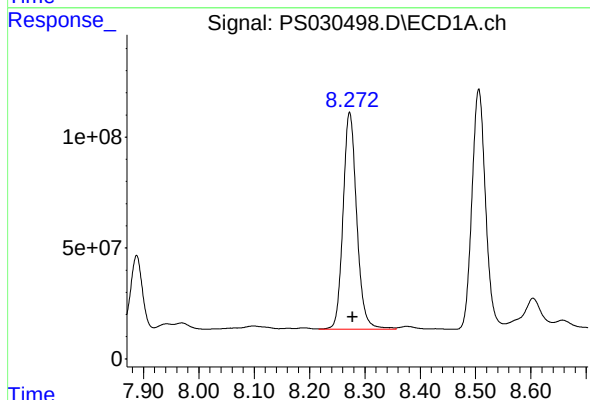
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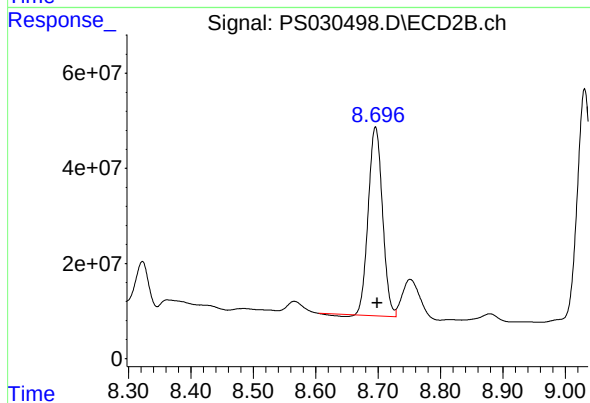
#7 MCPA

R.T.: 8.322 min
Delta R.T.: -0.012 min
Response: 134232171
Conc: 43.50 ug/ml



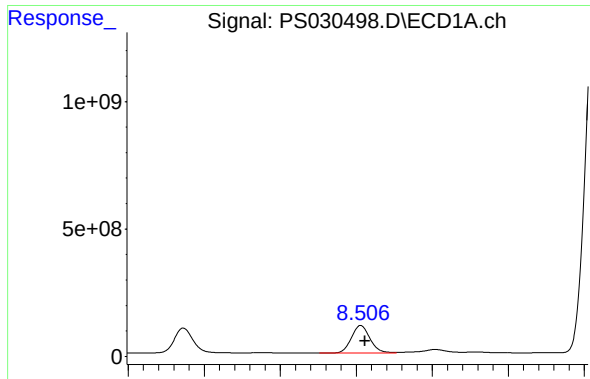
#8 DICHLORPROP

R.T.: 8.272 min
Delta R.T.: -0.006 min
Response: 1681229629
Conc: 462.11 ng/ml



#8 DICHLORPROP

R.T.: 8.696 min
Delta R.T.: -0.003 min
Response: 628366039
Conc: 423.37 ng/ml



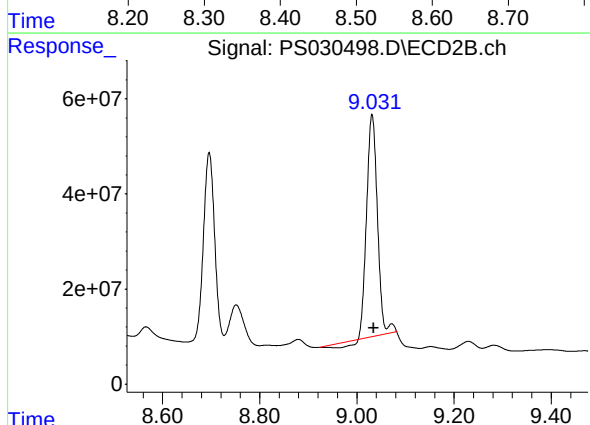
#9 2,4-D

R.T.: 8.506 min
Delta R.T.: -0.005 min
Response: 1841897094
Conc: 505.51 ng/ml

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

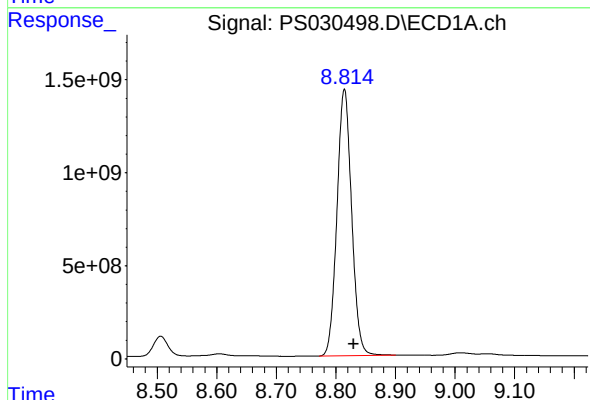
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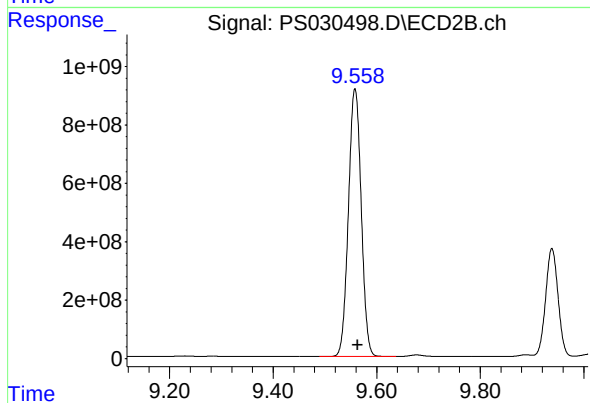
#9 2,4-D

R.T.: 9.031 min
Delta R.T.: -0.003 min
Response: 703272611
Conc: 447.28 ng/ml



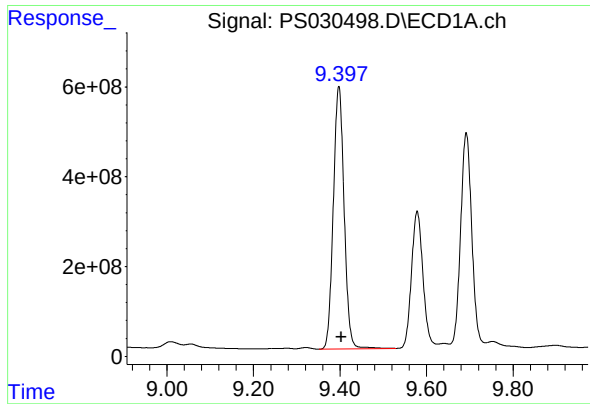
#10 Pentachlorophenol

R.T.: 8.814 min
Delta R.T.: -0.015 min
Response: 24488462900
Conc: 482.19 ng/ml



#10 Pentachlorophenol

R.T.: 9.558 min
Delta R.T.: -0.005 min
Response: 15745504203
Conc: 435.70 ng/ml



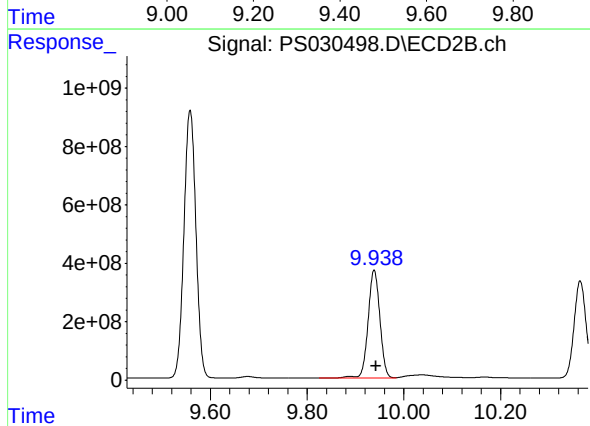
#11 2,4,5-TP (SILVEX)

R.T.: 9.397 min
Delta R.T.: -0.006 min
Response: 10124452710
Conc: 489.93 ng/ml

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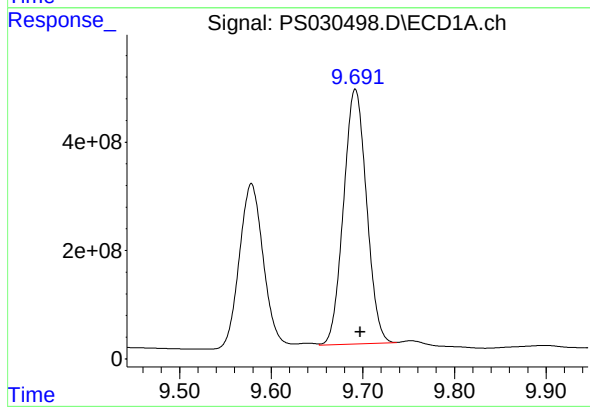
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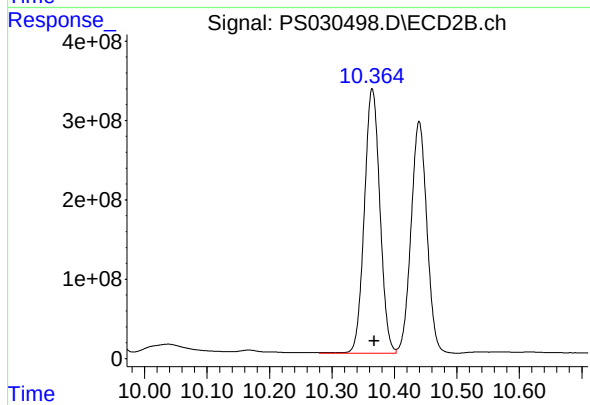
#11 2,4,5-TP (SILVEX)

R.T.: 9.939 min
Delta R.T.: -0.004 min
Response: 6295287768
Conc: 458.95 ng/ml



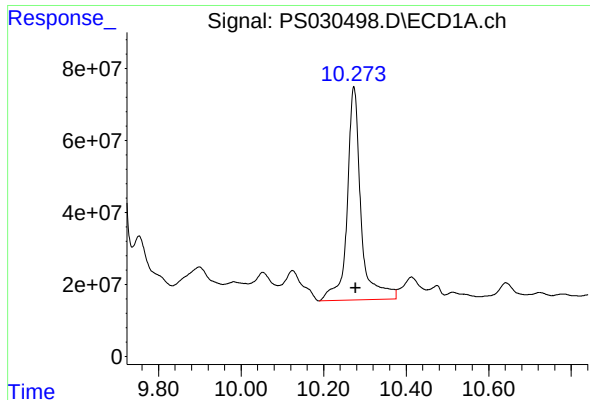
#12 2,4,5-T

R.T.: 9.692 min
Delta R.T.: -0.006 min
Response: 8200811858
Conc: 444.95 ng/ml



#12 2,4,5-T

R.T.: 10.365 min
Delta R.T.: -0.003 min
Response: 5776566452
Conc: 442.41 ng/ml



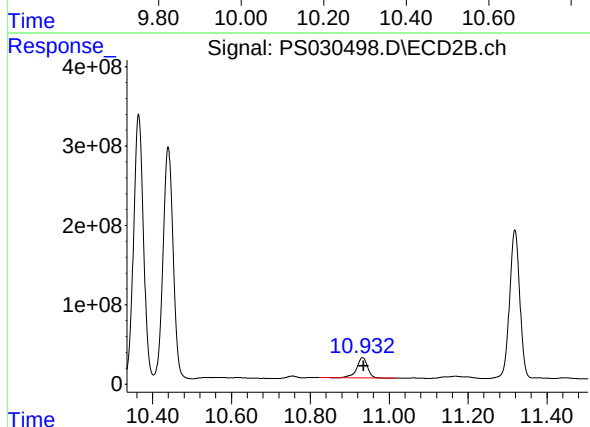
#13 2,4-DB

R.T.: 10.273 min
Delta R.T.: -0.004 min
Response: 1378906806
Conc: 454.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
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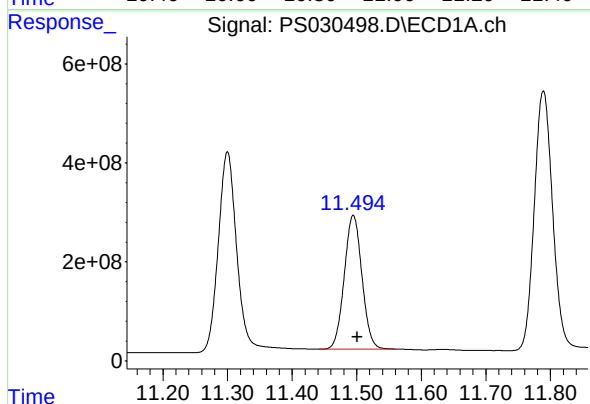
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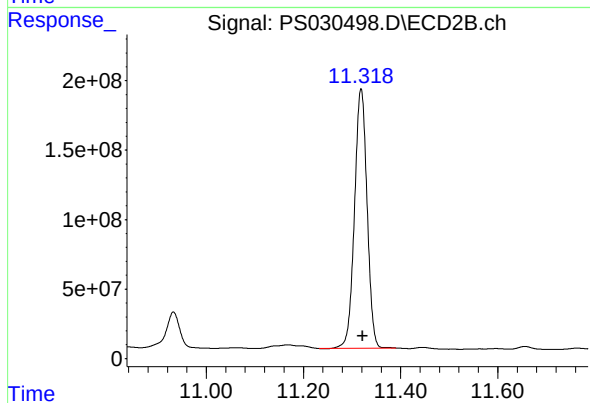
#13 2,4-DB

R.T.: 10.932 min
Delta R.T.: -0.003 min
Response: 484984235
Conc: 421.89 ng/ml



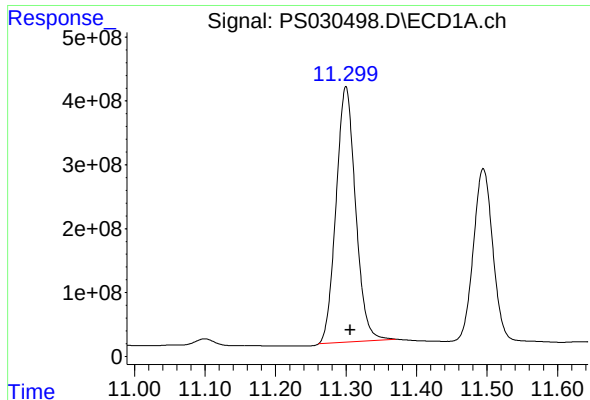
#14 DINOSEB

R.T.: 11.495 min
Delta R.T.: -0.007 min
Response: 5139580032
Conc: 357.54 ng/ml



#14 DINOSEB

R.T.: 11.319 min
Delta R.T.: -0.003 min
Response: 3354633662
Conc: 333.79 ng/ml



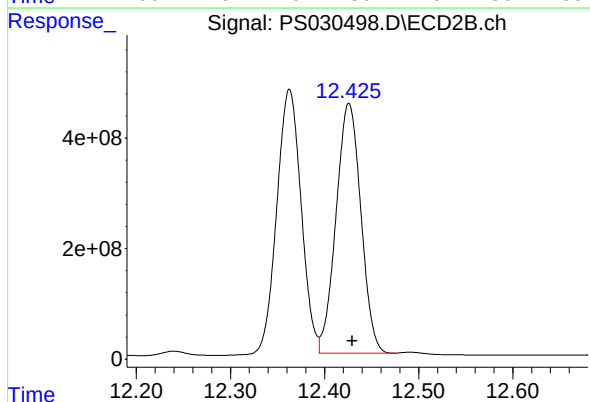
#15 Picloram

R.T.: 11.300 min
Delta R.T.: -0.006 min
Response: 7692993416
Conc: 384.56 ng/ml

Instrument :
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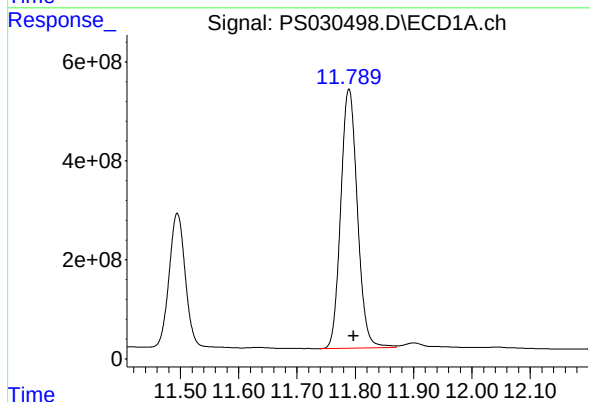
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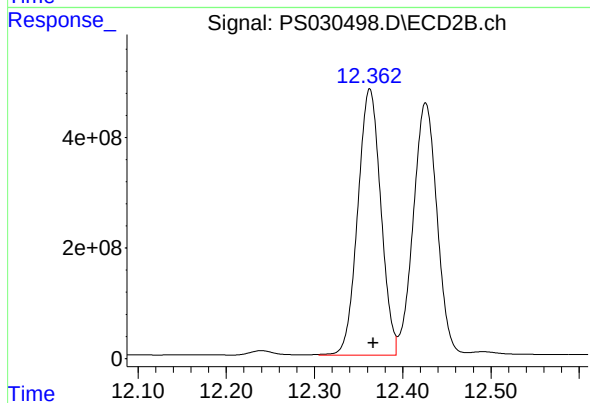
#15 Picloram

R.T.: 12.426 min
Delta R.T.: -0.004 min
Response: 8293316119
Conc: 375.54 ng/ml



#16 DCPA

R.T.: 11.789 min
Delta R.T.: -0.008 min
Response: 10393966504
Conc: 393.11 ng/ml



#16 DCPA

R.T.: 12.362 min
Delta R.T.: -0.004 min
Response: 8718672681
Conc: 426.07 ng/ml m