

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS112425\
 Data File : PS032514.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Nov 2025 15:14
 Operator : AR\AJ
 Sample : Q3609-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 AU-713-COMP-01MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 25 14:16:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS110325.M
 Quant Title : 8080.M
 QLast Update : Tue Nov 04 04:59:50 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	7.281	7.617	261.5E6	579.3E6	57.708	158.921m#
Target Compounds							
1) T	Dalapon	2.650	2.596	2265.4E6	3661.1E6	315.570	526.480 #
2) T	3,5-DICHL...	6.448	6.586	1422.9E6	1230.3E6	220.057	204.747
3) T	4-Nitroph...	7.127	7.197	415.1E6	171.9E6	309.208m	75.747 #
5) T	DICAMBA	7.460	7.805	4571.2E6	4386.5E6	242.296	253.956
6) T	MCPD	7.634	7.897	170.9E6	248.6E6	15.693	18.692
7) T	MCPA	7.782	8.142	249.7E6	300.2E6	18.597	18.414
8) T	DICHLORPROP	8.169	8.519	1075.3E6	1096.5E6	241.702	229.925
9) T	2,4-D	8.415	8.866	1084.5E6	1340.8E6	240.368	255.605
10) T	Pentachlo...	8.695	9.353	15846.9E6	14900.5E6	252.584	253.830
11) T	2,4,5-TP ...	9.273	9.740	6103.4E6	7078.2E6	234.643	263.583
12) T	2,4,5-T	9.576	10.173	5599.6E6	5914.7E6	234.898	249.376
13) T	2,4-DB	10.156	10.739	628.3E6	728.3E6	238.437	193.103
14) T	DINOSEB	11.337	11.102	4441.7E6	3587.2E6	213.464	202.810
15) T	Picloram	11.187	12.229	4562.3E6	8592.8E6	214.946	231.101
16) T	DCPA	11.636	12.136	10642.2E6	10037.6E6	317.186	315.049

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

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ALS Vial : 5 Sample Multiplier: 1

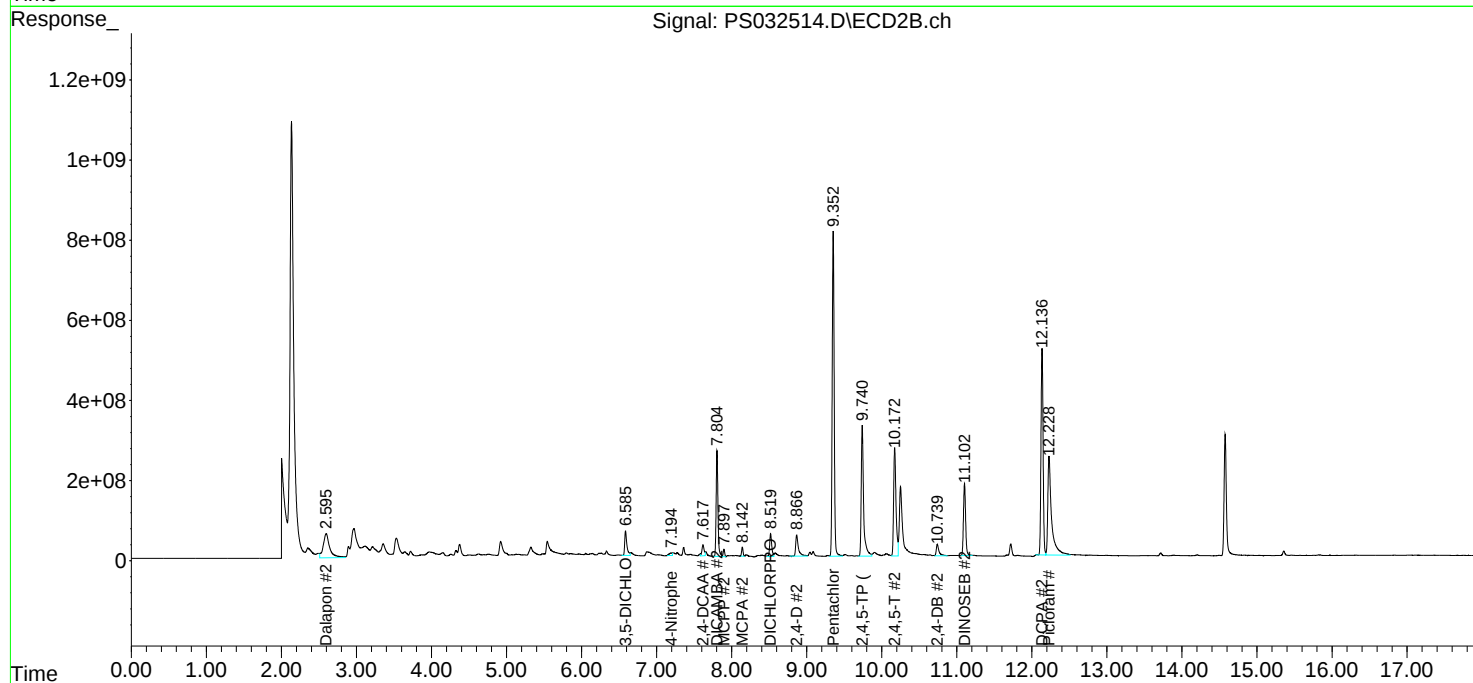
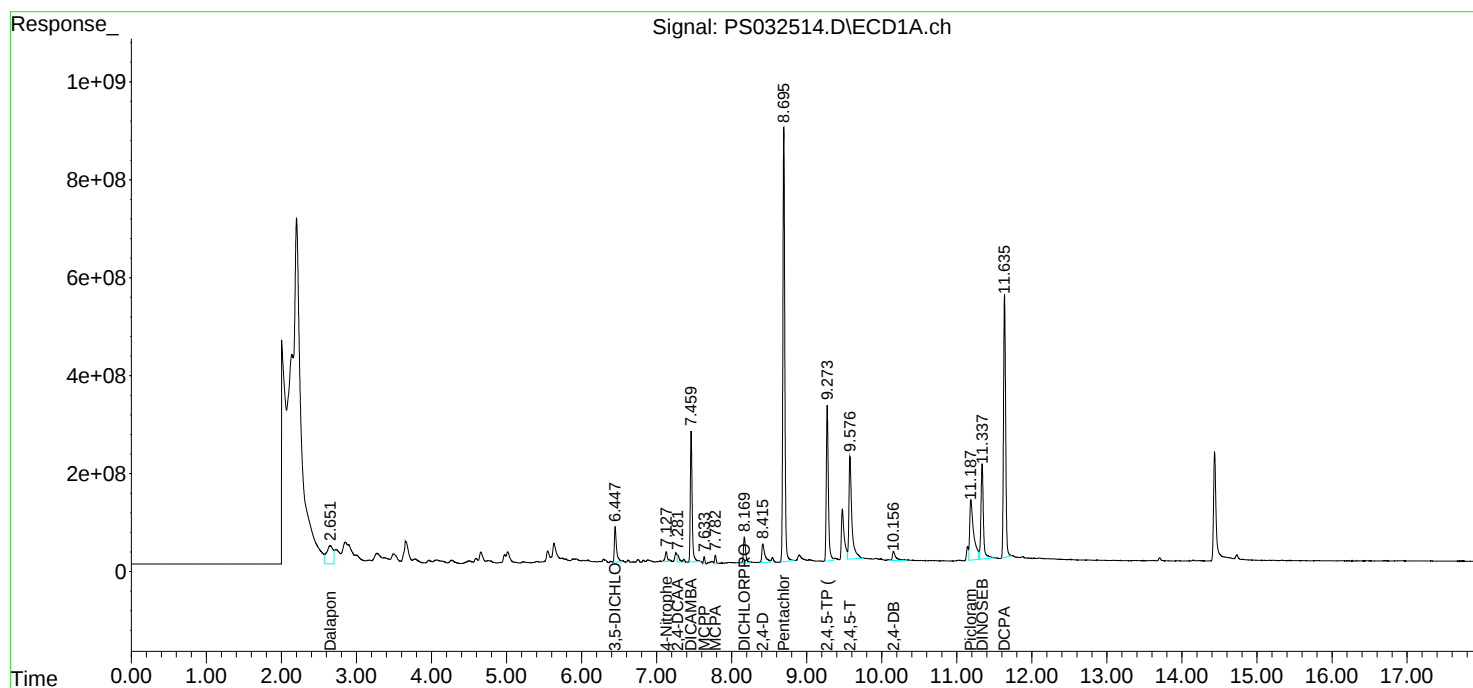
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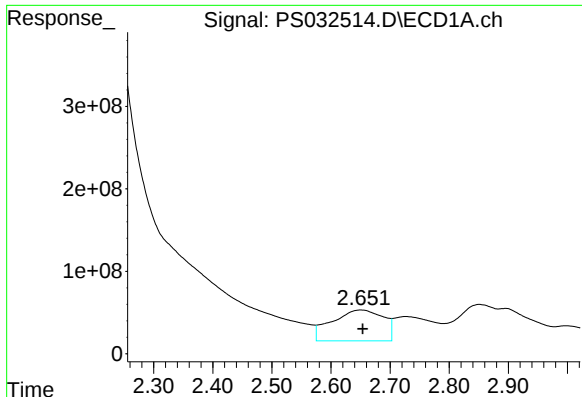
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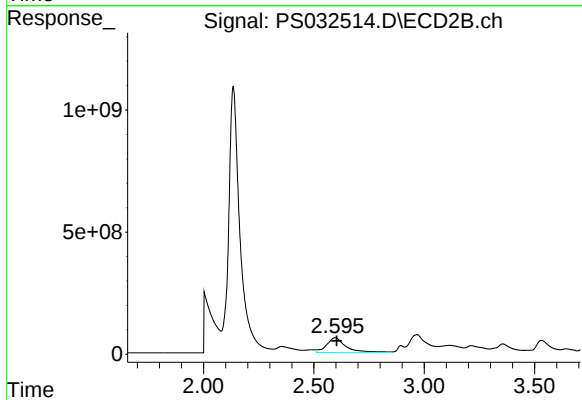
#1 Dalapon

R.T.: 2.650 min
Delta R.T.: -0.004 min
Response: 2265404938
Conc: 315.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
AU-713-COMP-01MSD

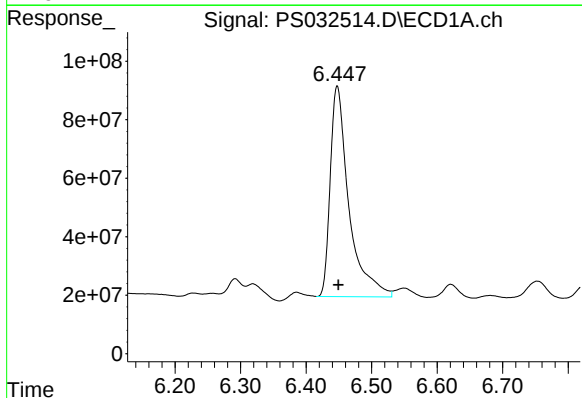
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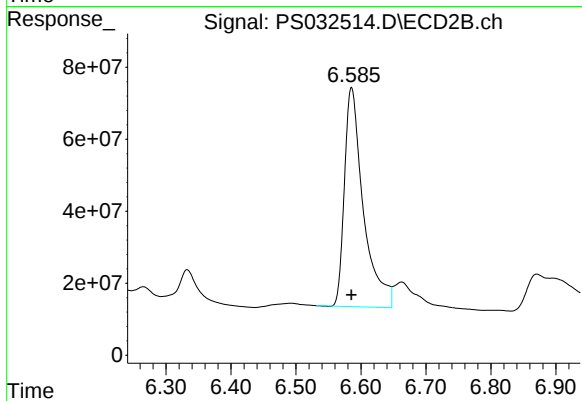
#1 Dalapon

R.T.: 2.596 min
Delta R.T.: -0.006 min
Response: 3661140612
Conc: 526.48 ng/ml



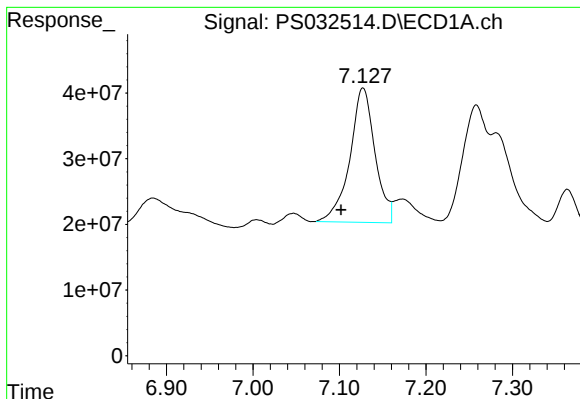
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.448 min
Delta R.T.: -0.002 min
Response: 1422934522
Conc: 220.06 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 1230313460
Conc: 204.75 ng/ml



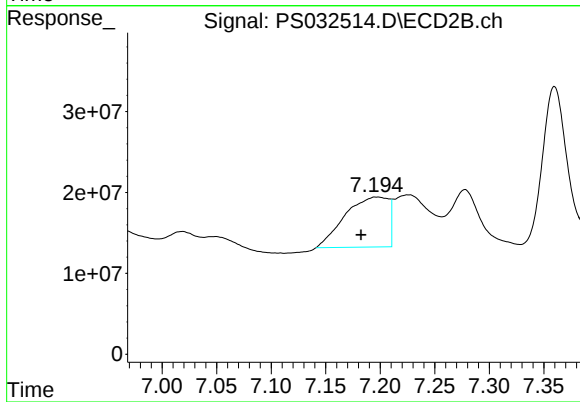
#3 4-Nitrophenol

R.T.: 7.127 min
Delta R.T.: 0.025 min
Response: 415099177
Conc: 309.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
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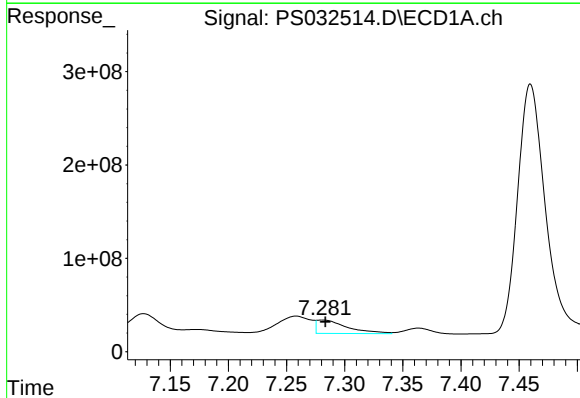
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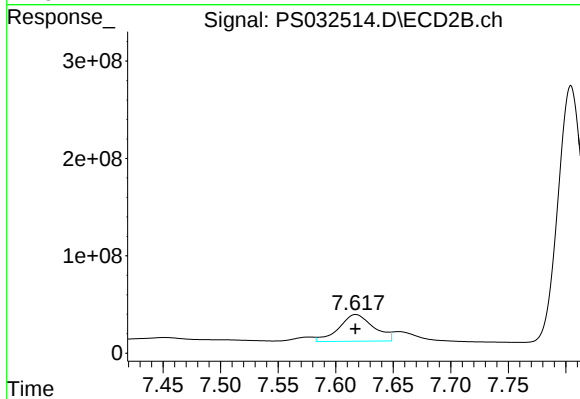
#3 4-Nitrophenol

R.T.: 7.197 min
Delta R.T.: 0.015 min
Response: 171939842
Conc: 75.75 ng/ml



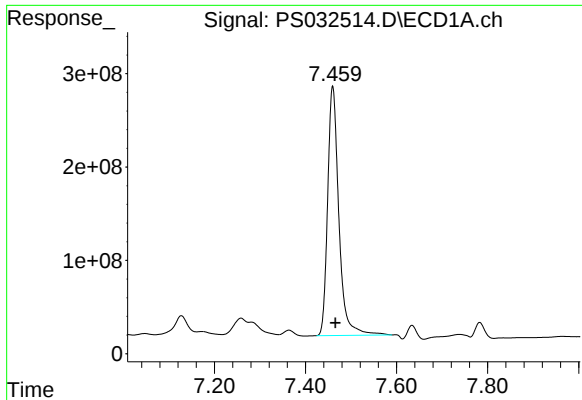
#4 2,4-DCAA

R.T.: 7.281 min
Delta R.T.: -0.003 min
Response: 261491327
Conc: 57.71 ng/ml



#4 2,4-DCAA

R.T.: 7.617 min
Delta R.T.: 0.000 min
Response: 579346887
Conc: 158.92 ng/ml m



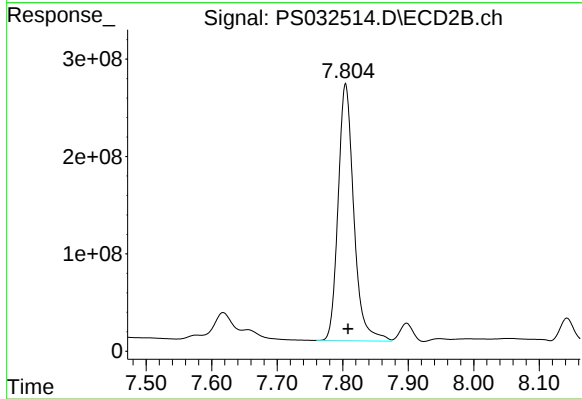
#5 DICAMBA

R.T.: 7.460 min
Delta R.T.: -0.006 min
Response: 4571203215
Conc: 242.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
AU-713-COMP-01MSD

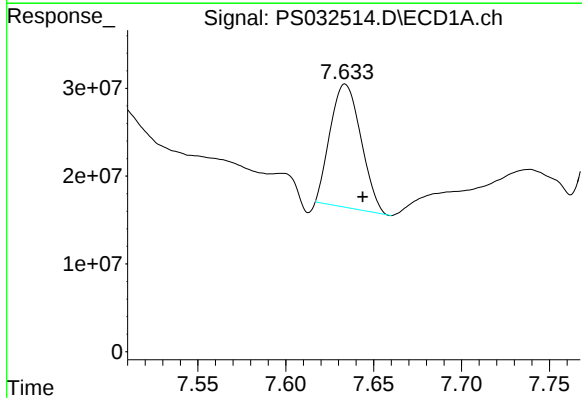
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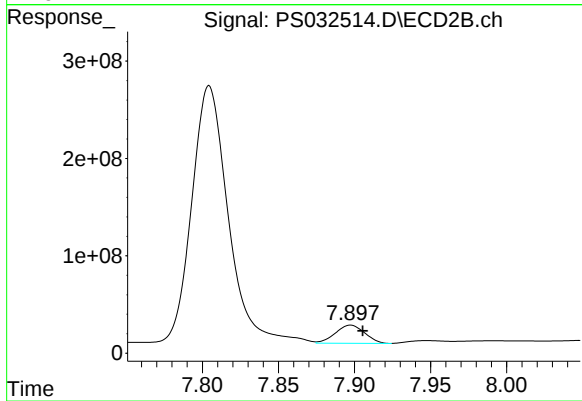
#5 DICAMBA

R.T.: 7.805 min
Delta R.T.: -0.003 min
Response: 4386450102
Conc: 253.96 ng/ml



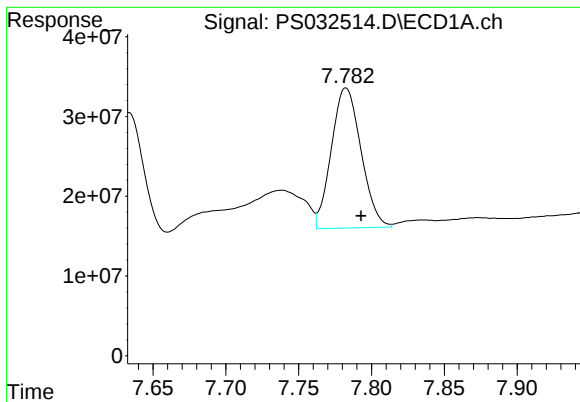
#6 MCP

R.T.: 7.634 min
Delta R.T.: -0.010 min
Response: 170896264
Conc: 15.69 ug/ml



#6 MCP

R.T.: 7.897 min
Delta R.T.: -0.008 min
Response: 248616561
Conc: 18.69 ug/ml



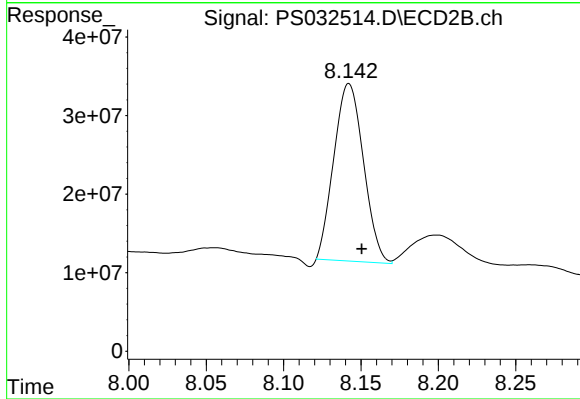
#7 MCPA

R.T.: 7.782 min
Delta R.T.: -0.010 min
Response: 249673783
Conc: 18.60 ug/ml

Instrument :
ECD_S
ClientSampleId :
AU-713-COMP-01MSD

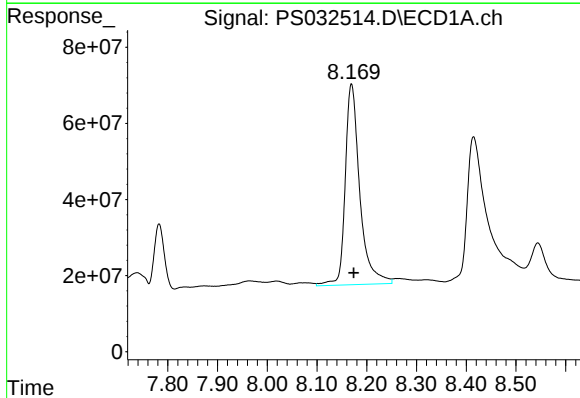
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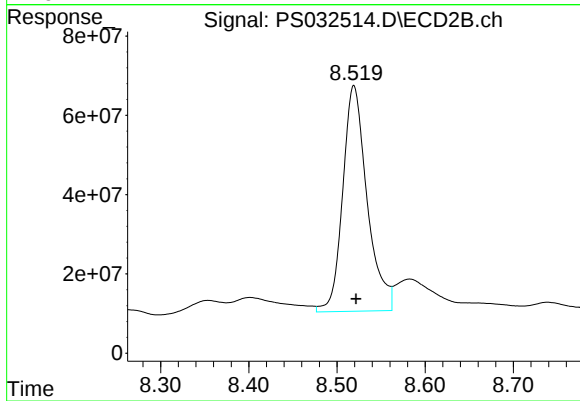
#7 MCPA

R.T.: 8.142 min
Delta R.T.: -0.008 min
Response: 300230601
Conc: 18.41 ug/ml



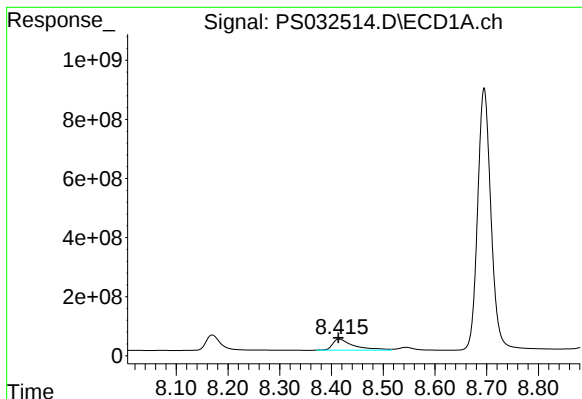
#8 DICHLORPROP

R.T.: 8.169 min
Delta R.T.: -0.005 min
Response: 1075275676
Conc: 241.70 ng/ml



#8 DICHLORPROP

R.T.: 8.519 min
Delta R.T.: -0.002 min
Response: 1096546113
Conc: 229.93 ng/ml



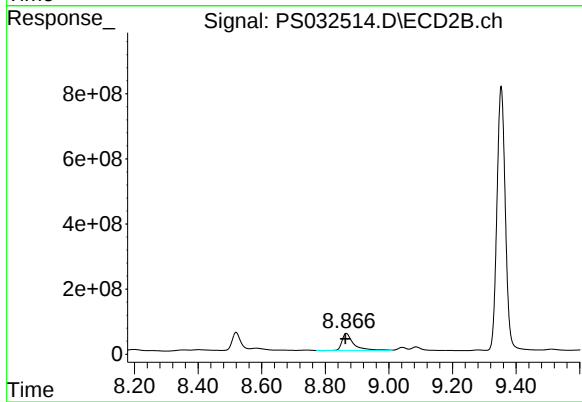
#9 2,4-D

R.T.: 8.415 min
Delta R.T.: 0.001 min
Response: 1084496497
Conc: 240.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
AU-713-COMP-01MSD

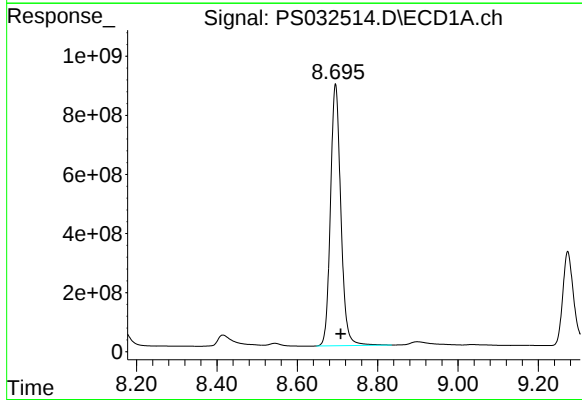
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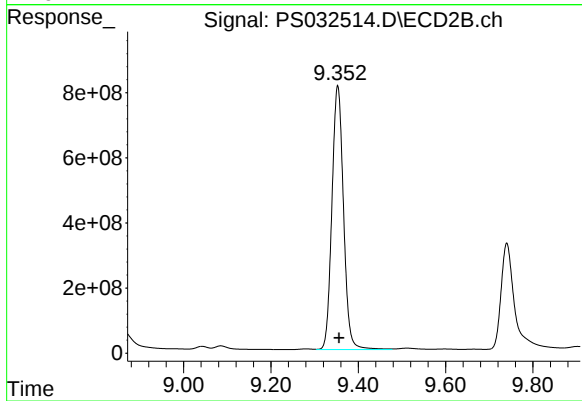
#9 2,4-D

R.T.: 8.866 min
Delta R.T.: 0.002 min
Response: 1340819056
Conc: 255.61 ng/ml



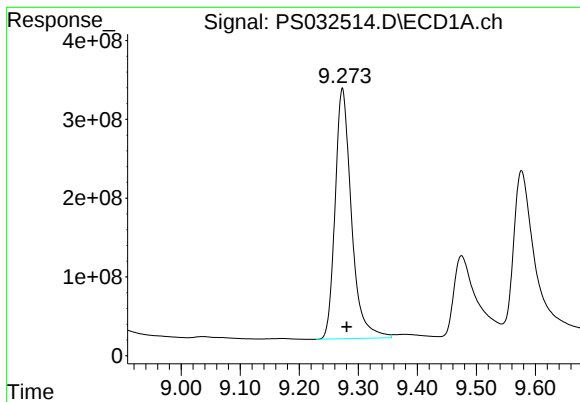
#10 Pentachlorophenol

R.T.: 8.695 min
Delta R.T.: -0.013 min
Response: 15846903029
Conc: 252.58 ng/ml



#10 Pentachlorophenol

R.T.: 9.353 min
Delta R.T.: -0.003 min
Response: 14900521146
Conc: 253.83 ng/ml



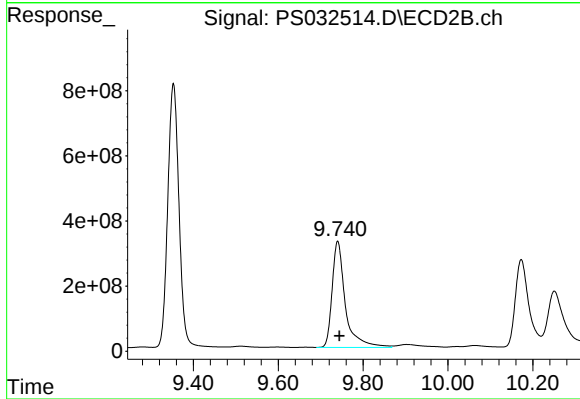
#11 2,4,5-TP (SILVEX)

R.T.: 9.273 min
Delta R.T.: -0.007 min
Response: 6103431514
Conc: 234.64 ng/ml

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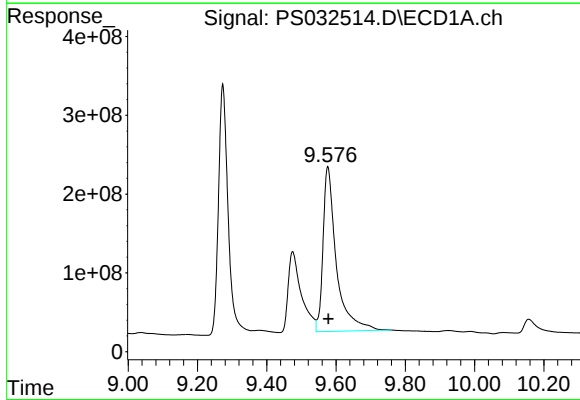
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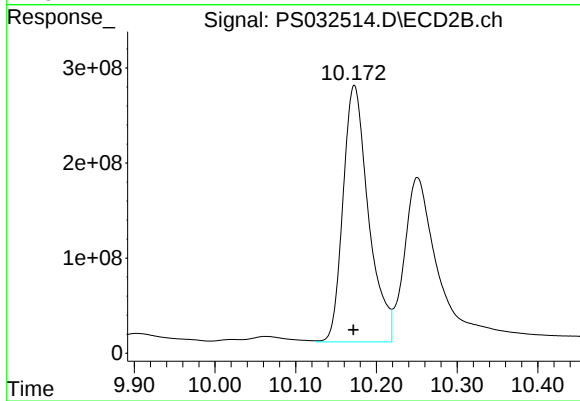
#11 2,4,5-TP (SILVEX)

R.T.: 9.740 min
Delta R.T.: -0.004 min
Response: 7078232681
Conc: 263.58 ng/ml



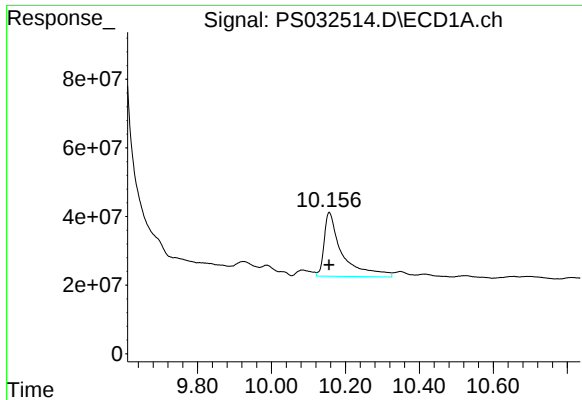
#12 2,4,5-T

R.T.: 9.576 min
Delta R.T.: -0.002 min
Response: 5599551233
Conc: 234.90 ng/ml



#12 2,4,5-T

R.T.: 10.173 min
Delta R.T.: 0.000 min
Response: 5914714750
Conc: 249.38 ng/ml



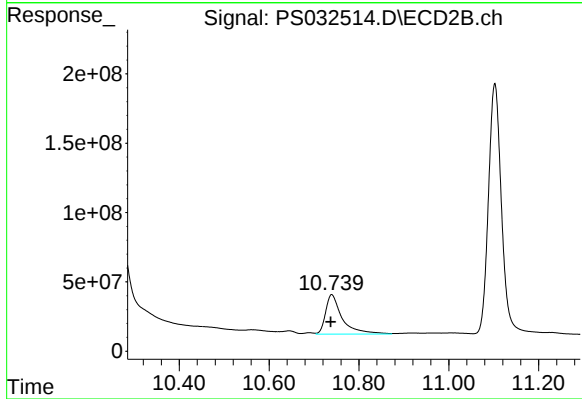
#13 2,4-DB

R.T.: 10.156 min
Delta R.T.: 0.000 min
Response: 628309984
Conc: 238.44 ng/ml

Instrument :
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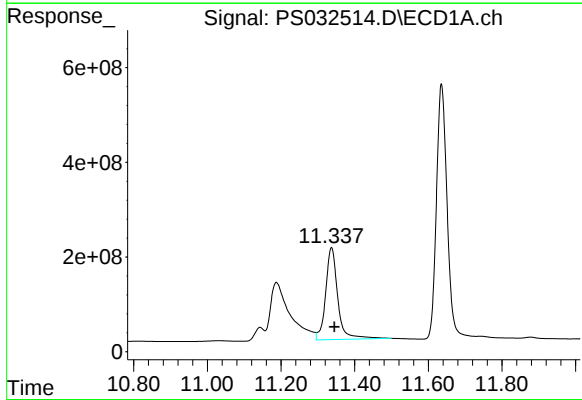
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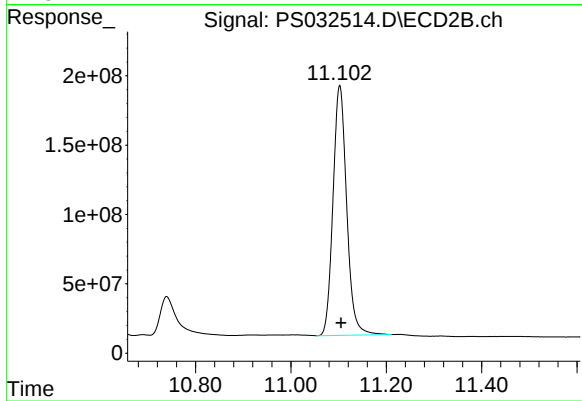
#13 2,4-DB

R.T.: 10.739 min
Delta R.T.: 0.002 min
Response: 728256275
Conc: 193.10 ng/ml



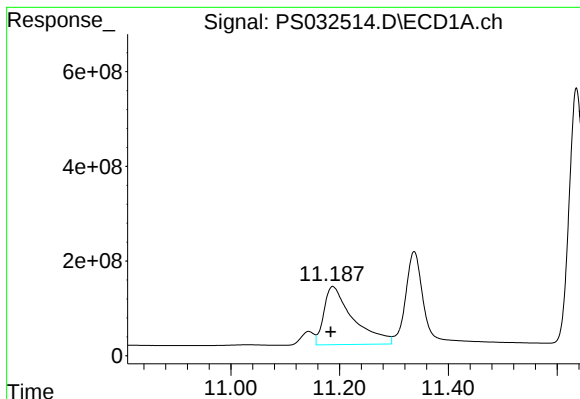
#14 DINOSEB

R.T.: 11.337 min
Delta R.T.: -0.008 min
Response: 4441676852
Conc: 213.46 ng/ml



#14 DINOSEB

R.T.: 11.102 min
Delta R.T.: -0.003 min
Response: 3587181175
Conc: 202.81 ng/ml



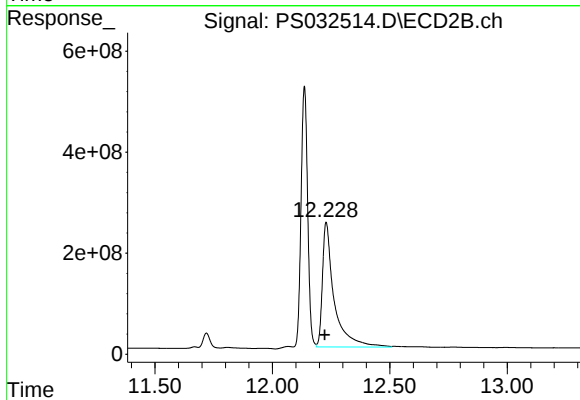
#15 Picloram

R.T.: 11.187 min
Delta R.T.: 0.003 min
Response: 4562345193
Conc: 214.95 ng/ml

Instrument :
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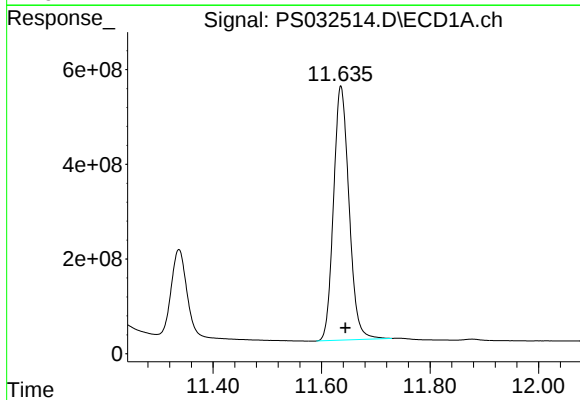
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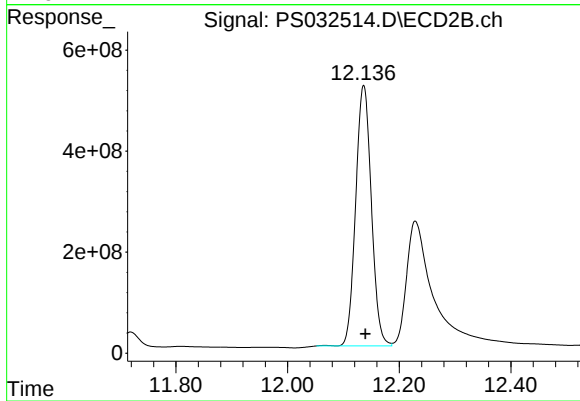
#15 Picloram

R.T.: 12.229 min
Delta R.T.: 0.006 min
Response: 8592818701
Conc: 231.10 ng/ml



#16 DCPA

R.T.: 11.636 min
Delta R.T.: -0.009 min
Response: 10642245891
Conc: 317.19 ng/ml



#16 DCPA

R.T.: 12.136 min
Delta R.T.: -0.003 min
Response: 10037620966
Conc: 315.05 ng/ml