

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091925\
 Data File : PS031776.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2025 11:06
 Operator : AR\AJ
 Sample : Q3117-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 7211986-357MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/22/2025
 Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 00:36:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.287	7.744	626.5E6	199.1E6	173.964	219.012 #
Target Compounds							
1) T	Dalapon	2.616f	2.666f	295.9E6	1660.9E6	51.190m	589.483 #
2) T	3,5-DICHL...	6.459	6.707	53345648	14278166	10.002	9.363m
3) T	4-Nitroph...	7.061f	7.310f	17314383	9271137	15.695m	7.342m#
5) T	DICAMBA	7.472	7.941	193.5E6	67083810	12.408	10.310m
6) T	MCPD	7.683f	8.091f	25500560	58827551	2.853m	31.235m#
7) T	MCPA	7.847f	8.253f	19034226	27263589	1.713m	9.733 #
8) T	DICHLORPROP	8.182	8.662	46307811	12251202	13.001m	8.420m#
9) T	2,4-D	8.405	9.024f	106.9E6	13153724	31.193m	7.996m#
10) T	Pentachlo...	8.711	9.508	1994.3E6	1329.7E6	37.562	33.502
11) T	2,4,5-TP ...	9.290	9.891	296.9E6	301.7E6	14.157	20.043m#
12) T	2,4,5-T	9.594	10.336	100.5E6	93531994	5.495m	6.950m#
13) T	2,4-DB	10.184f	10.879	28672957	75570305	12.291m	70.624m#
14) T	DINOSEB	11.357	11.269	335.5E6	187.4E6	23.262	19.278
15) T	Picloram	11.211f	12.407f	223.7E6	303.6E6	12.418m	12.819m
16) T	DCPA	11.655	12.307	1602.8E6	1451.3E6	59.474	60.212

(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 : 5 Sample Multiplier: 1

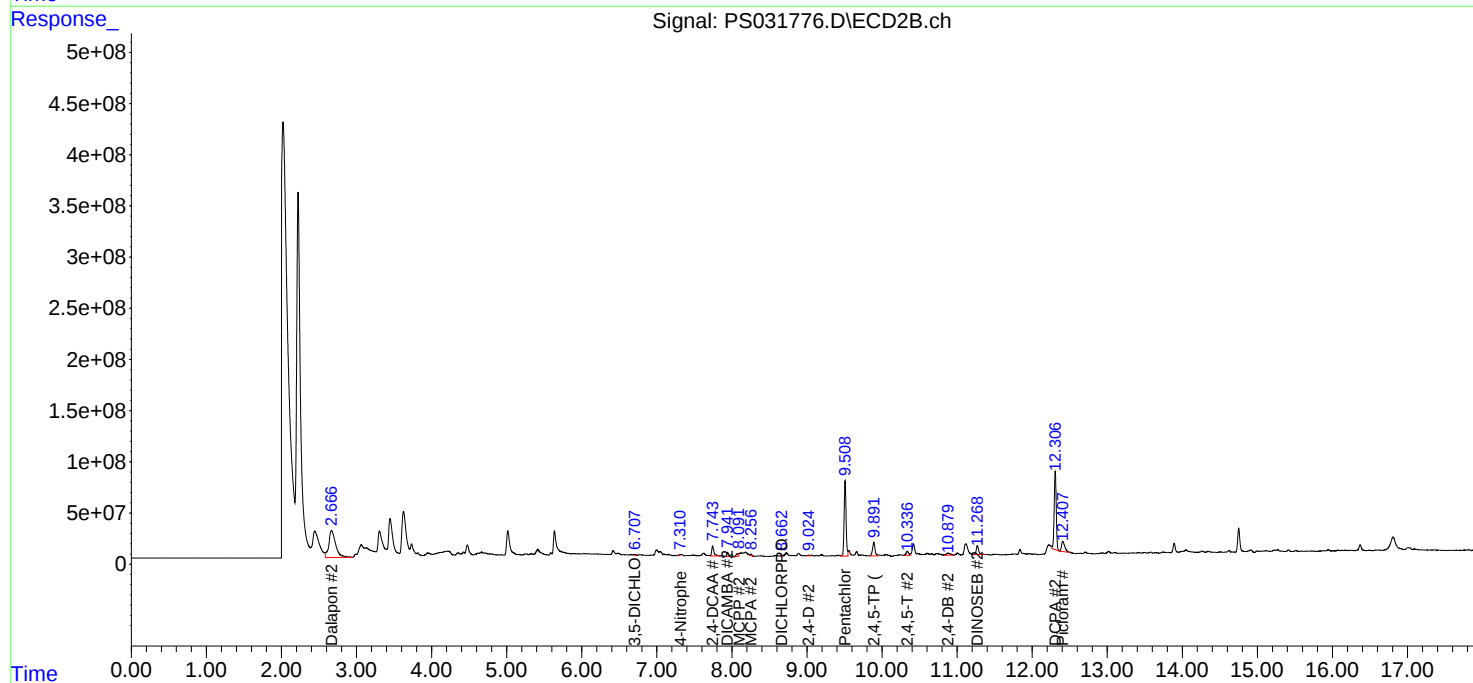
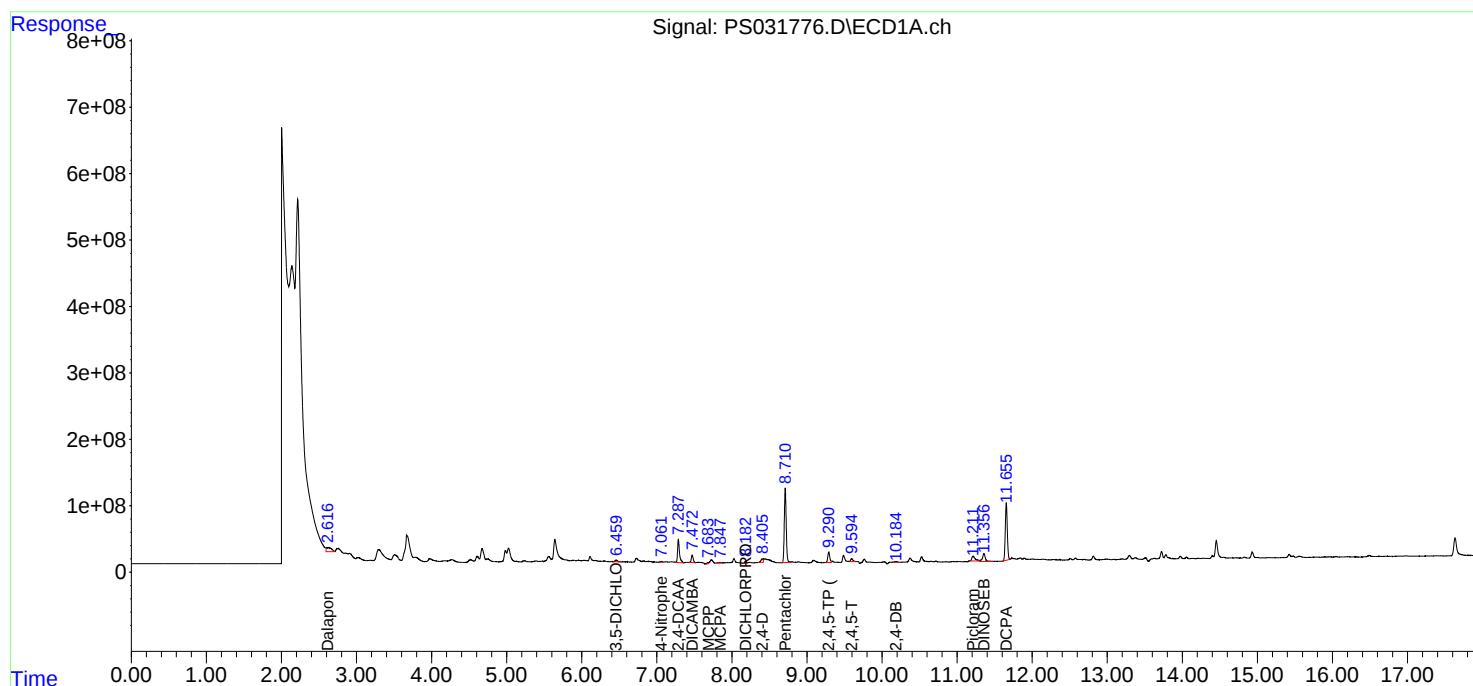
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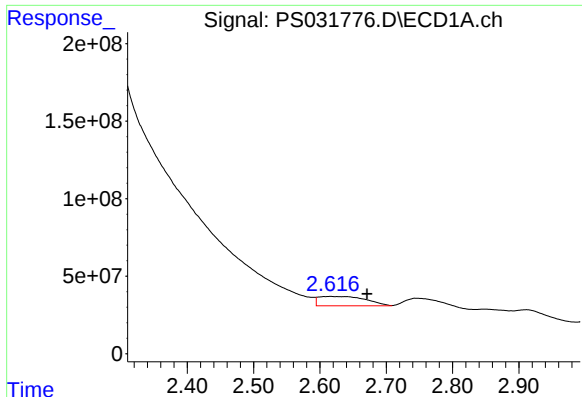
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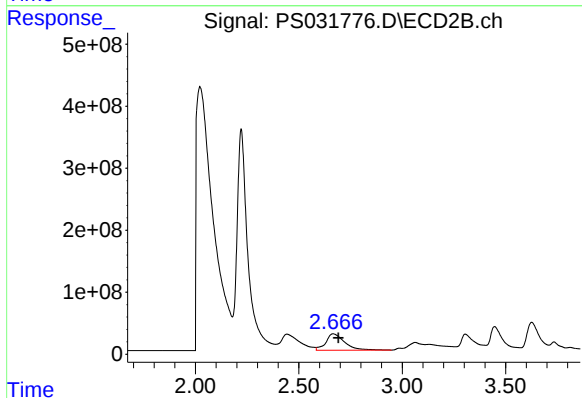
#1 Dalapon

R.T.: 2.616 min
Delta R.T.: -0.055 min
Response: 295914731
Conc: 51.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MS

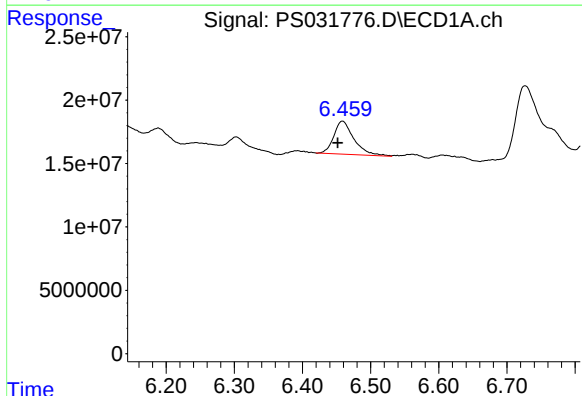
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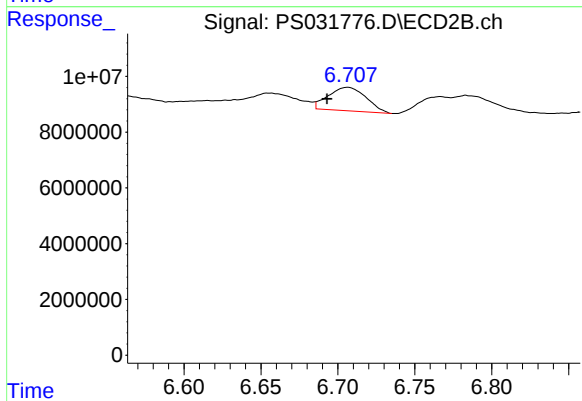
#1 Dalapon

R.T.: 2.666 min
Delta R.T.: -0.026 min
Response: 1660943308
Conc: 589.48 ng/ml



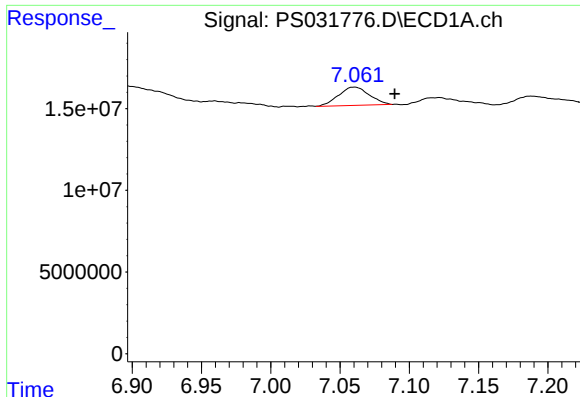
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.459 min
Delta R.T.: 0.007 min
Response: 53345648
Conc: 10.00 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.707 min
Delta R.T.: 0.014 min
Response: 14278166
Conc: 9.36 ng/ml m



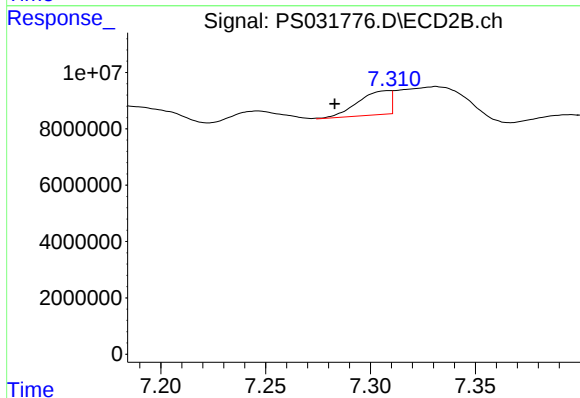
#3 4-Nitrophenol

R.T.: 7.061 min
Delta R.T.: -0.029 min
Response: 17314383
Conc: 15.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MS

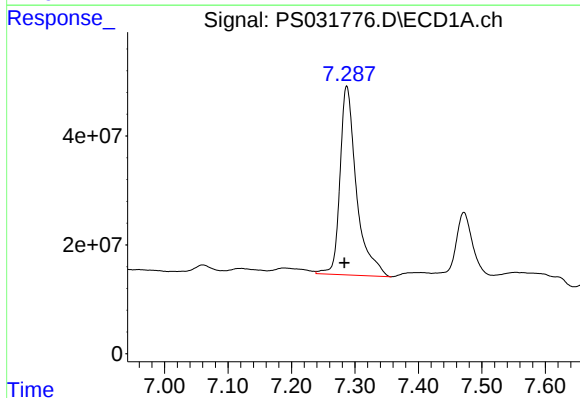
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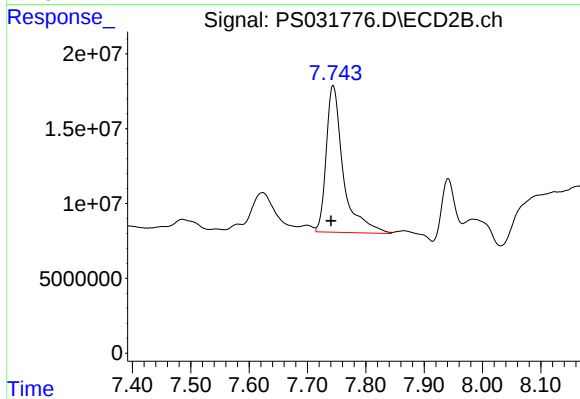
#3 4-Nitrophenol

R.T.: 7.310 min
Delta R.T.: 0.027 min
Response: 9271137
Conc: 7.34 ng/ml m



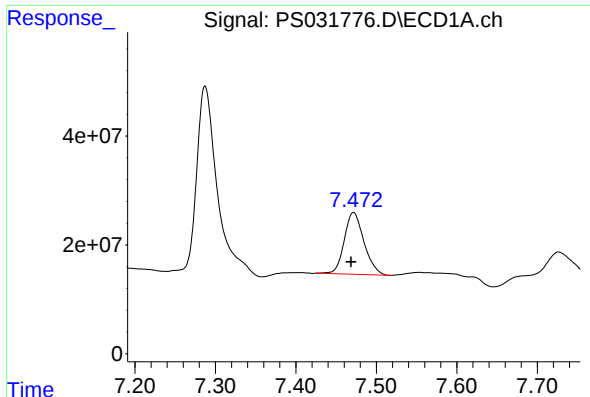
#4 2,4-DCAA

R.T.: 7.287 min
Delta R.T.: 0.004 min
Response: 626534772
Conc: 173.96 ng/ml



#4 2,4-DCAA

R.T.: 7.744 min
Delta R.T.: 0.004 min
Response: 199059852
Conc: 219.01 ng/ml



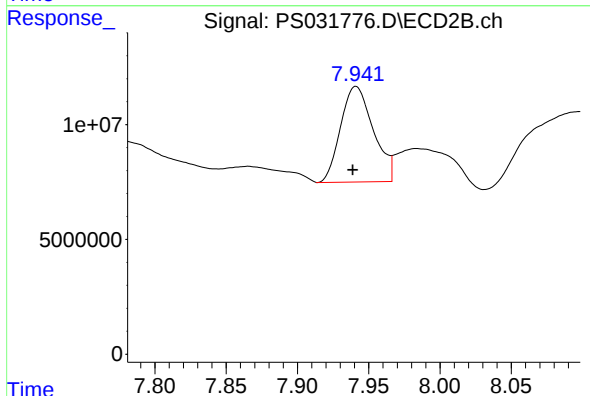
#5 DICAMBA

R.T.: 7.472 min
Delta R.T.: 0.003 min
Response: 193523962
Conc: 12.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MS

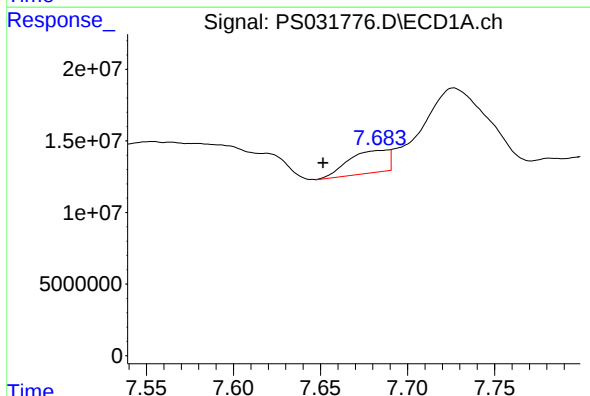
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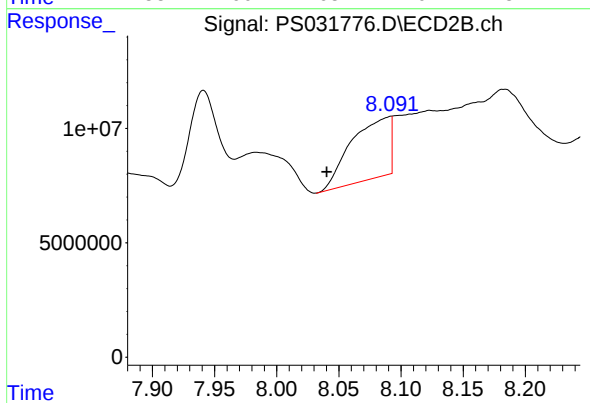
#5 DICAMBA

R.T.: 7.941 min
Delta R.T.: 0.002 min
Response: 67083810
Conc: 10.31 ng/ml m



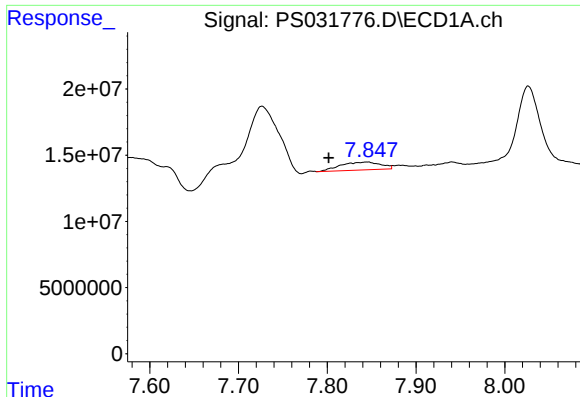
#6 MCP

R.T.: 7.683 min
Delta R.T.: 0.031 min
Response: 25500560
Conc: 2.85 ug/ml m



#6 MCP

R.T.: 8.091 min
Delta R.T.: 0.051 min
Response: 58827551
Conc: 31.23 ug/ml m



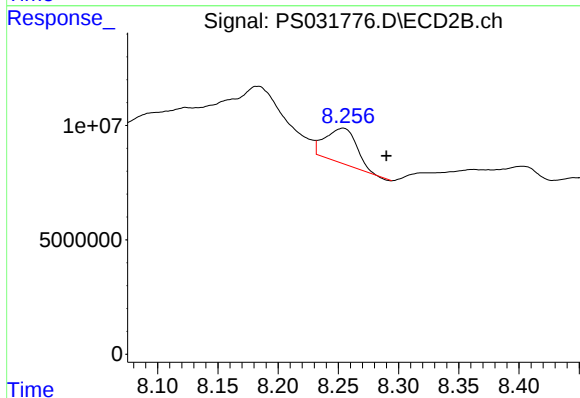
#7 MCPA

R.T.: 7.847 min
Delta R.T.: 0.045 min
Response: 19034226
Conc: 1.71 ug/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MS

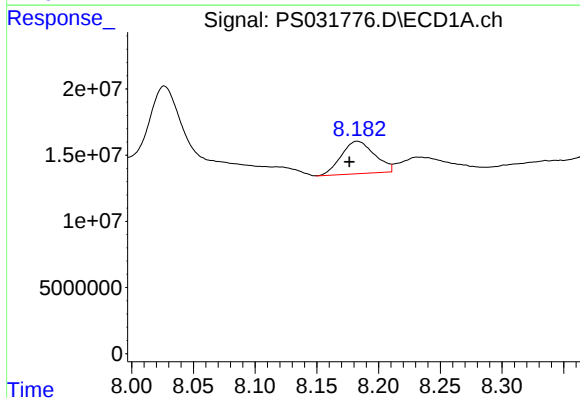
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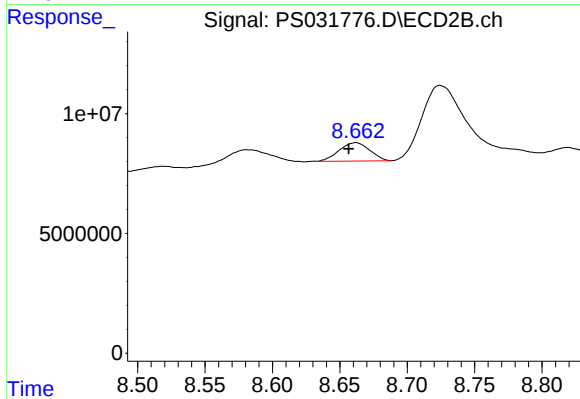
#7 MCPA

R.T.: 8.253 min
Delta R.T.: -0.036 min
Response: 27263589
Conc: 9.73 ug/ml



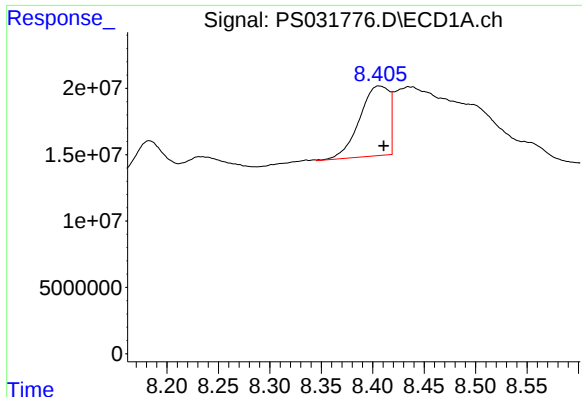
#8 DICHLORPROP

R.T.: 8.182 min
Delta R.T.: 0.006 min
Response: 46307811
Conc: 13.00 ng/ml m



#8 DICHLORPROP

R.T.: 8.662 min
Delta R.T.: 0.005 min
Response: 12251202
Conc: 8.42 ng/ml m



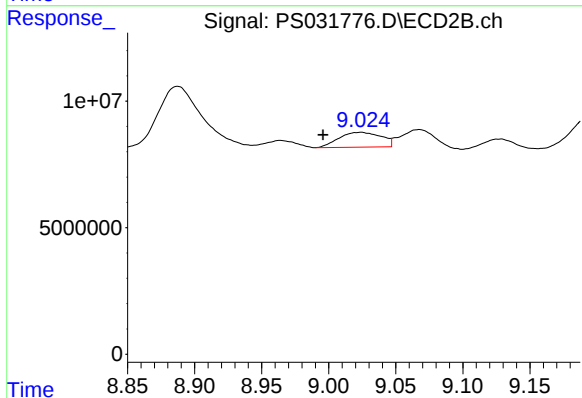
#9 2,4-D

R.T.: 8.405 min
Delta R.T.: -0.006 min
Response: 106857113
Conc: 31.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MS

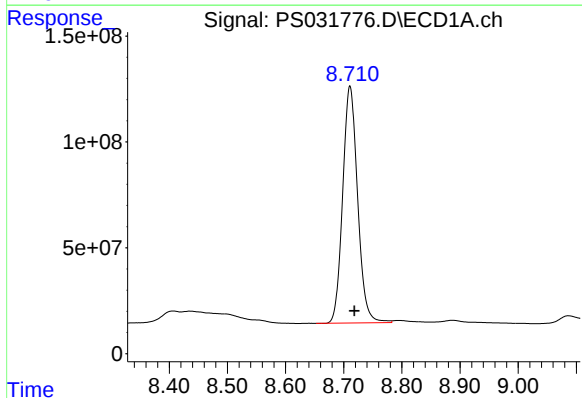
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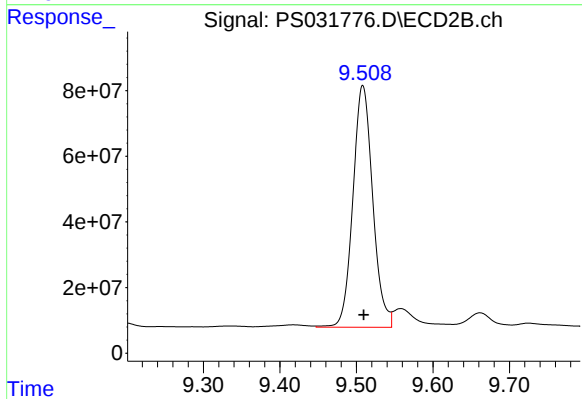
#9 2,4-D

R.T.: 9.024 min
Delta R.T.: 0.028 min
Response: 13153724
Conc: 8.00 ng/ml m



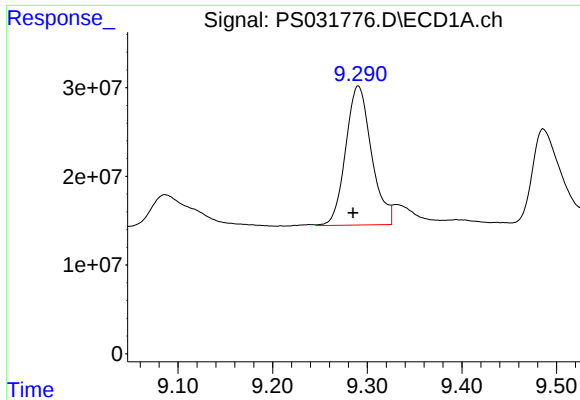
#10 Pentachlorophenol

R.T.: 8.711 min
Delta R.T.: -0.008 min
Response: 1994326851
Conc: 37.56 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.001 min
Response: 1329728420
Conc: 33.50 ng/ml



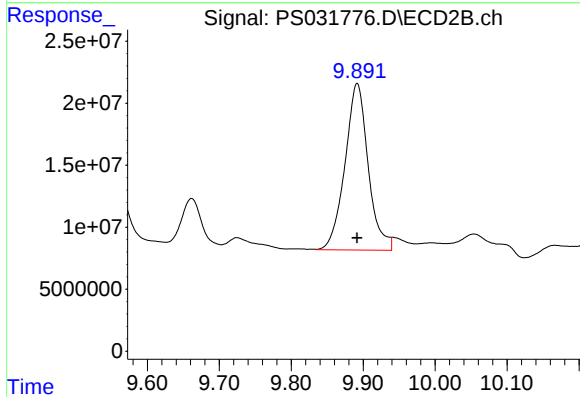
#11 2,4,5-TP (SILVEX)

R.T.: 9.290 min
Delta R.T.: 0.005 min
Response: 296928901
Conc: 14.16 ng/ml

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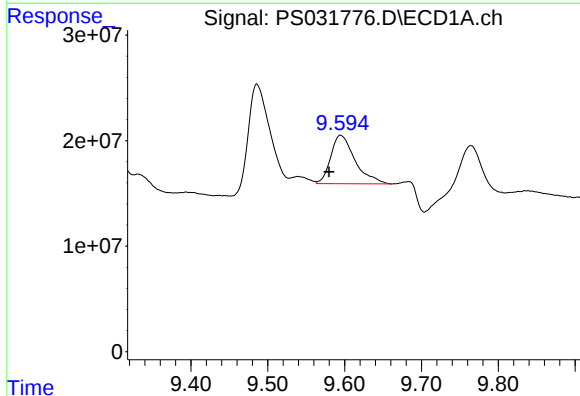
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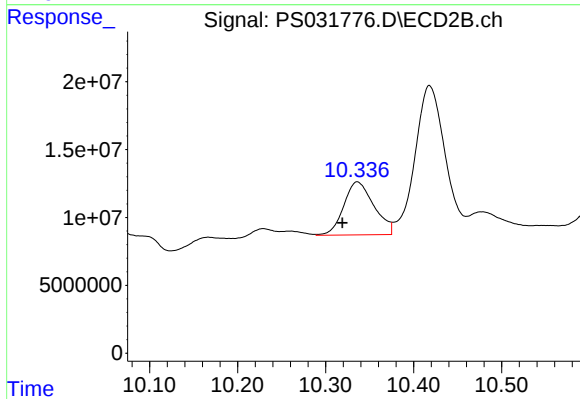
#11 2,4,5-TP (SILVEX)

R.T.: 9.891 min
Delta R.T.: 0.000 min
Response: 301728055
Conc: 20.04 ng/ml m



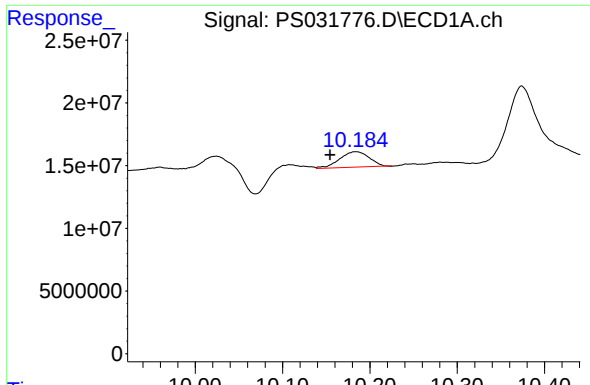
#12 2,4,5-T

R.T.: 9.594 min
Delta R.T.: 0.014 min
Response: 100542579
Conc: 5.49 ng/ml m



#12 2,4,5-T

R.T.: 10.336 min
Delta R.T.: 0.017 min
Response: 93531994
Conc: 6.95 ng/ml m



#13 2,4-DB

R.T.: 10.184 min
Delta R.T.: 0.030 min
Response: 28672957
Conc: 12.29 ng/ml

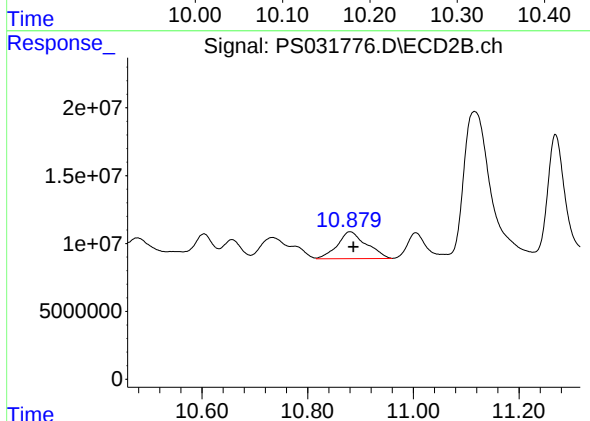
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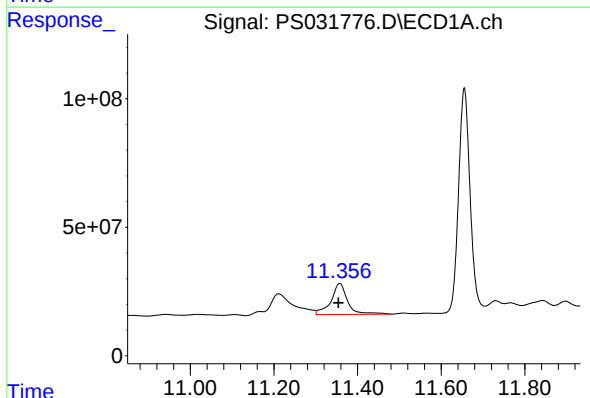
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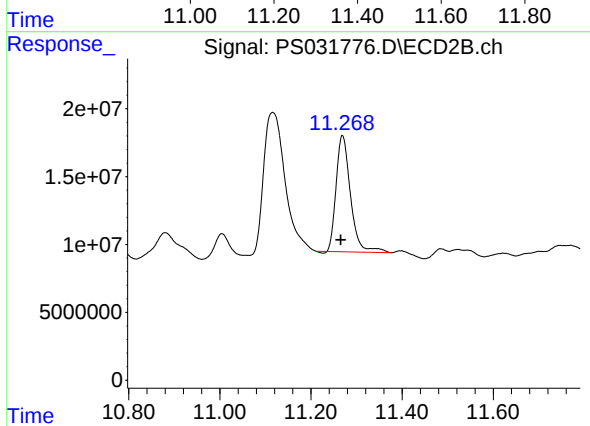
#13 2,4-DB

R.T.: 10.879 min
Delta R.T.: -0.008 min
Response: 75570305
Conc: 70.62 ng/ml m



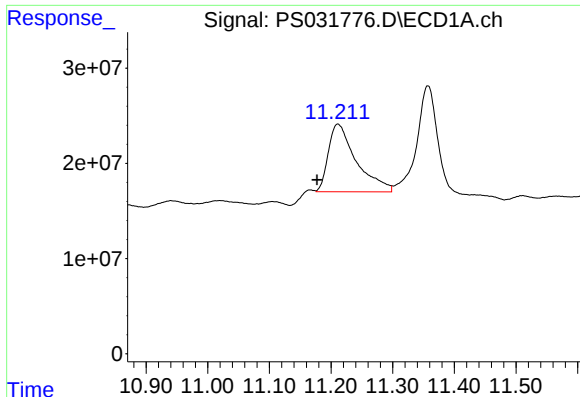
#14 DINOSEB

R.T.: 11.357 min
Delta R.T.: 0.003 min
Response: 335503471
Conc: 23.26 ng/ml



#14 DINOSEB

R.T.: 11.269 min
Delta R.T.: 0.004 min
Response: 187390797
Conc: 19.28 ng/ml



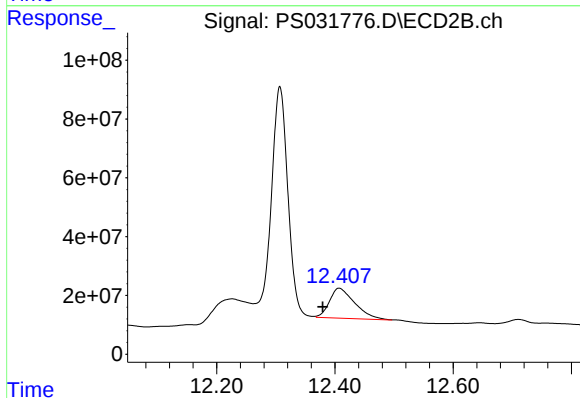
#15 Picloram

R.T.: 11.211 min
Delta R.T.: 0.033 min
Response: 223665473
Conc: 12.42 ng/ml

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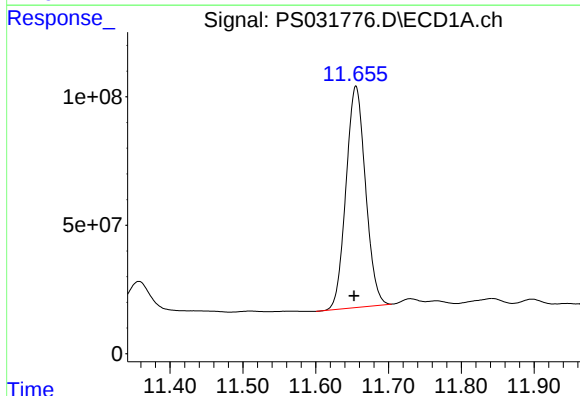
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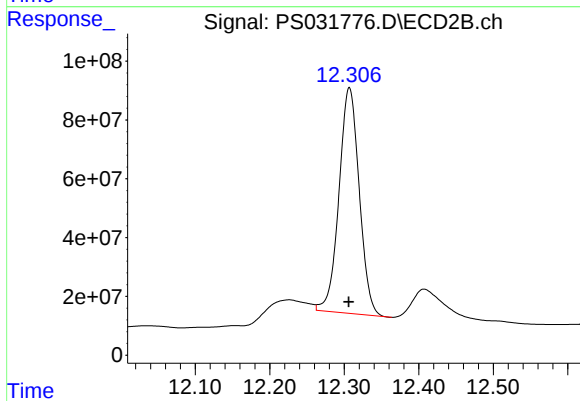
#15 Picloram

R.T.: 12.407 min
Delta R.T.: 0.027 min
Response: 303602126
Conc: 12.82 ng/ml m



#16 DCPA

R.T.: 11.655 min
Delta R.T.: 0.003 min
Response: 1602827698
Conc: 59.47 ng/ml



#16 DCPA

R.T.: 12.307 min
Delta R.T.: 0.000 min
Response: 1451348347
Conc: 60.21 ng/ml