

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS093025\
 Data File : PS031901.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Oct 2025 00:55
 Operator : AR\AJ
 Sample : Q3231-13MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-4MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/01/2025
 Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 01 02:24:41 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	7.276	7.742	824.1E6	61431273	228.808	67.589 #
Target Compounds							
1) T	Dalapon	2.648	2.690	363.5E6	132.5E6	62.873m	47.032m#
2) T	3,5-DICHL...	6.451	6.699	264.0E6	69765805	49.500	45.749m
3) T	4-Nitroph...	7.076	7.304	50242738	17540566	45.542m	13.890m#
5) T	DICAMBA	7.464	7.938	1085.1E6	767.0E6	69.573m	117.881m#
7) T	MCPA	7.792	8.274	58030038	18672538	5.223	6.666m#
8) T	DICHLORPROP	8.174	8.655	275.6E6	144.2E6	77.390	99.132 #
9) T	2,4-D	8.411	8.998	359.7E6	139.6E6	105.015	84.851m
10) T	Pentachlo...	8.703	9.505	1505.9E6	963.2E6	28.362	24.269
11) T	2,4,5-TP ...	9.280	9.913	1689.9E6	4380.3E6	80.574	290.968 #
12) T	2,4,5-T	9.577	10.321	1605.9E6	1092.2E6	87.762m	81.161
13) T	2,4-DB	10.177	10.879	91351219	147.4E6	39.160m	137.727m#
14) T	DINOSEB	11.370	11.278	34385433	78755264	2.384m	8.102 #
15) T	Picloram	11.180	12.382	1242.5E6	1354.8E6	68.988	57.204m
16) T	DCPA	11.648	12.302	2552.8E6	2452.0E6	94.724	101.724m

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

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Acq On : 01 Oct 2025 00:55
Operator : AR\AJ
Sample : Q3231-13MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

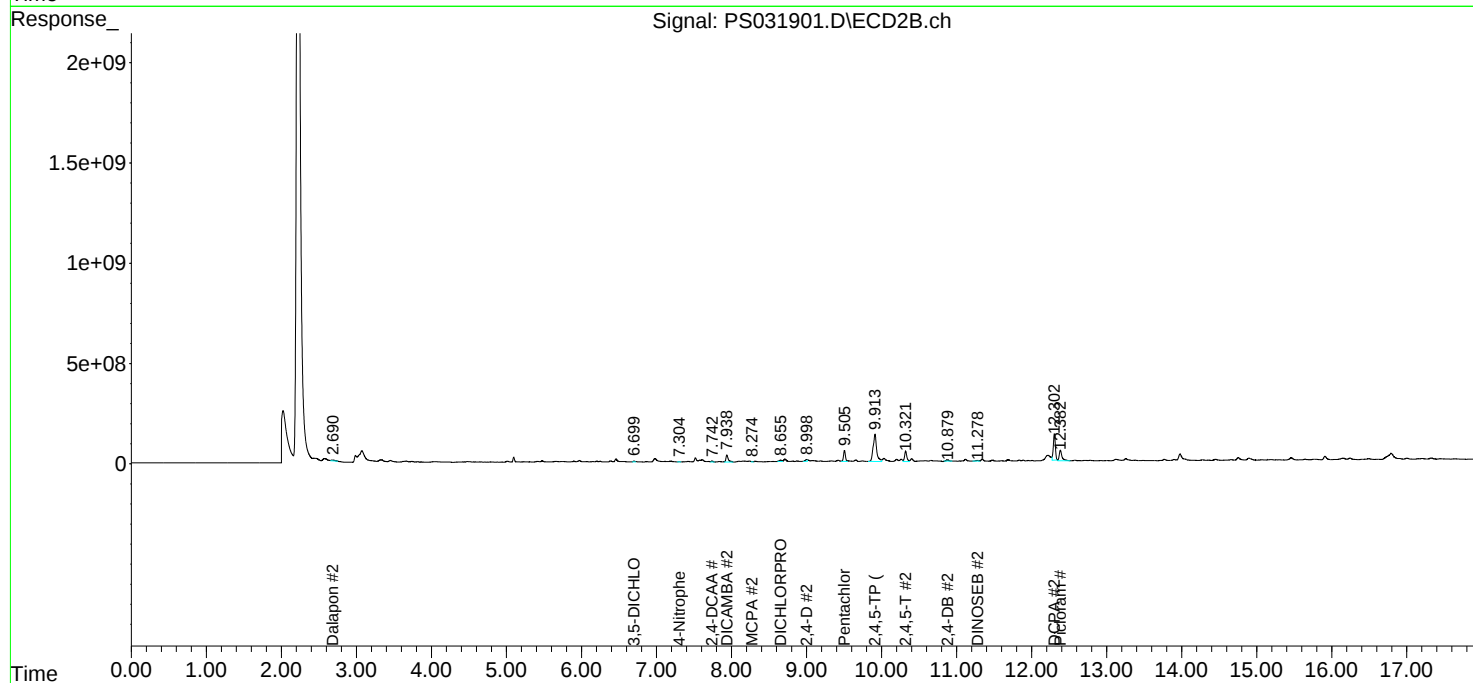
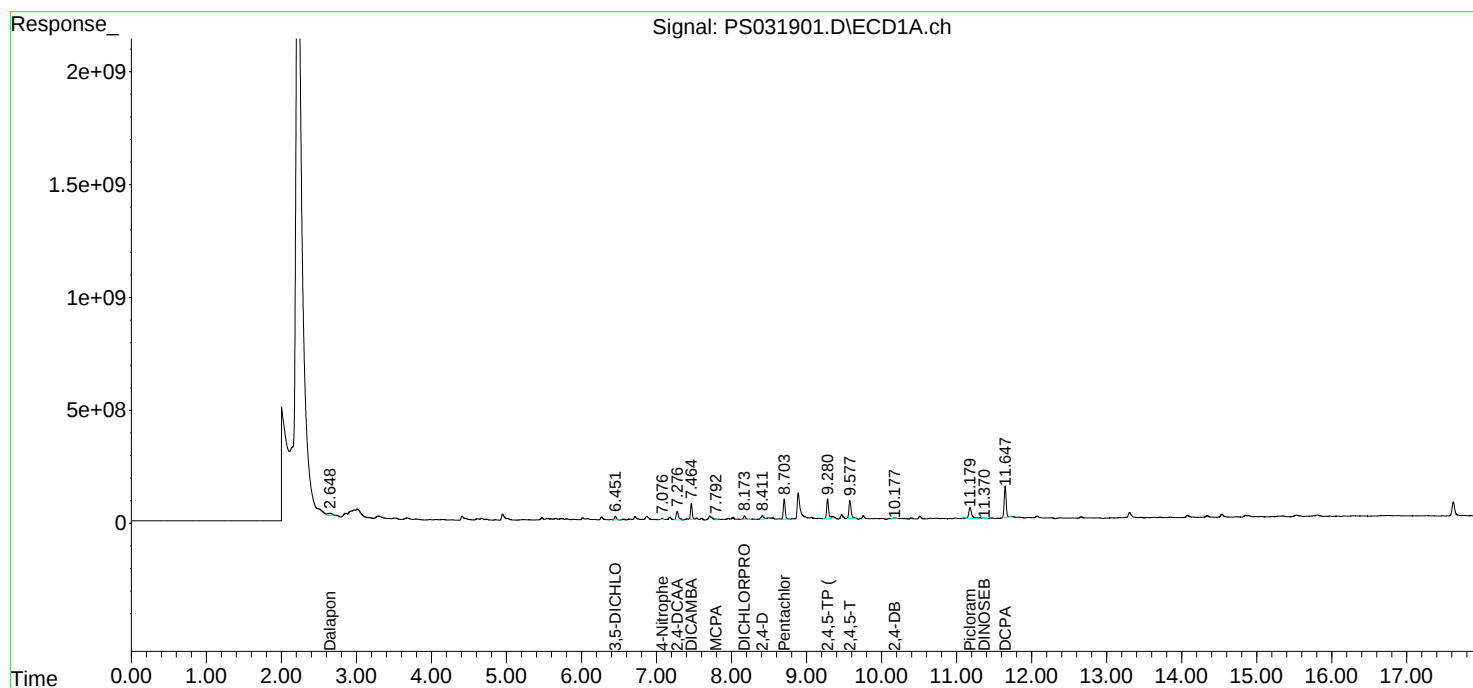
Instrument :
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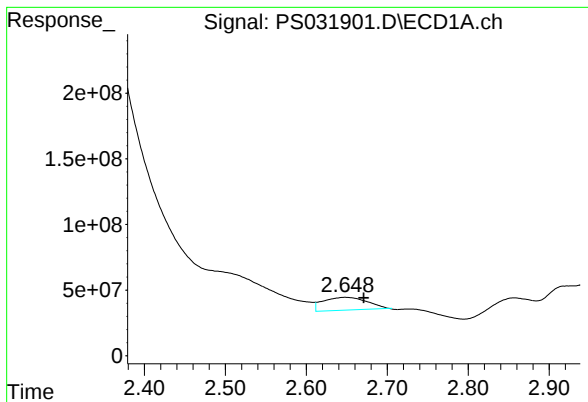
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Integration File signal 1: autoint1.e
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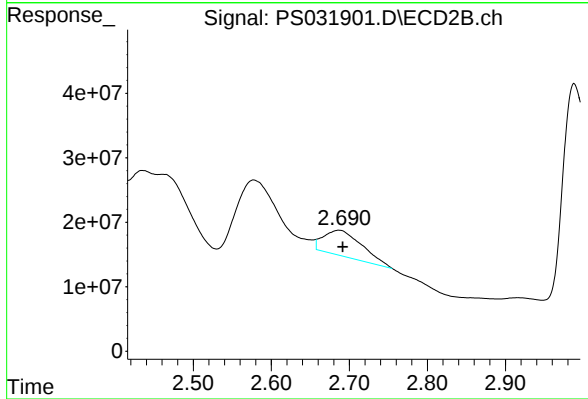
#1 Dalapon

R.T.: 2.648 min
Delta R.T.: -0.023 min
Response: 363453773
Conc: 62.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-4MS

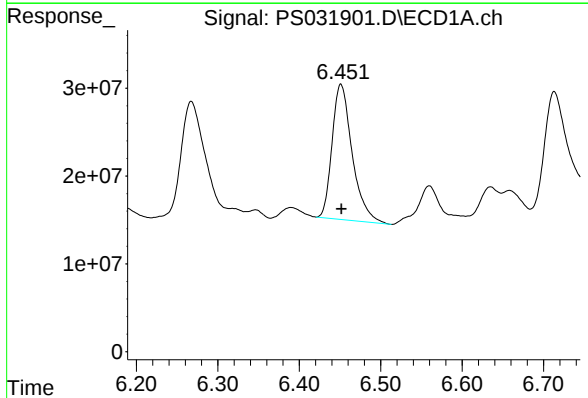
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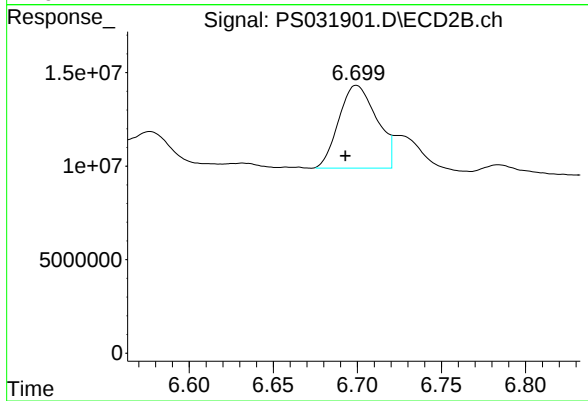
#1 Dalapon

R.T.: 2.690 min
Delta R.T.: -0.002 min
Response: 132518819
Conc: 47.03 ng/ml m



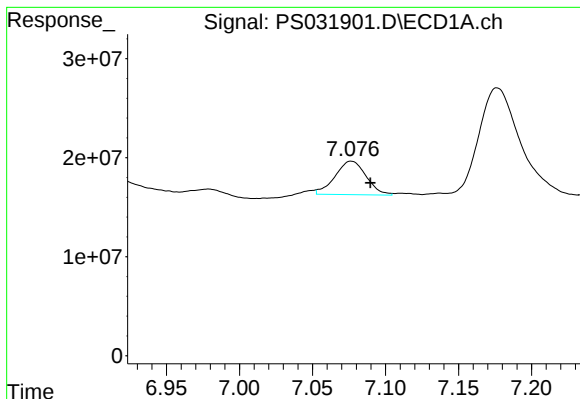
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.451 min
Delta R.T.: 0.000 min
Response: 264002843
Conc: 49.50 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.699 min
Delta R.T.: 0.006 min
Response: 69765805
Conc: 45.75 ng/ml m



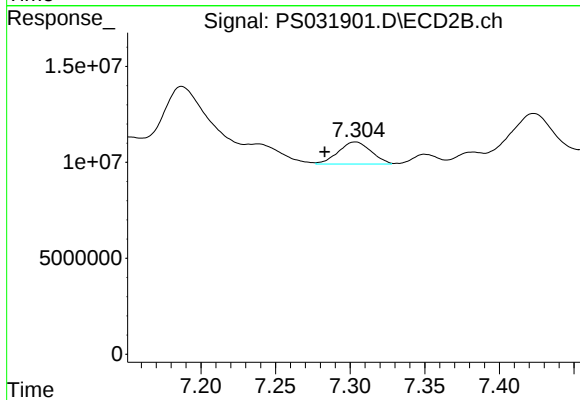
#3 4-Nitrophenol

R.T.: 7.076 min
Delta R.T.: -0.014 min
Response: 50242738
Conc: 45.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-4MS

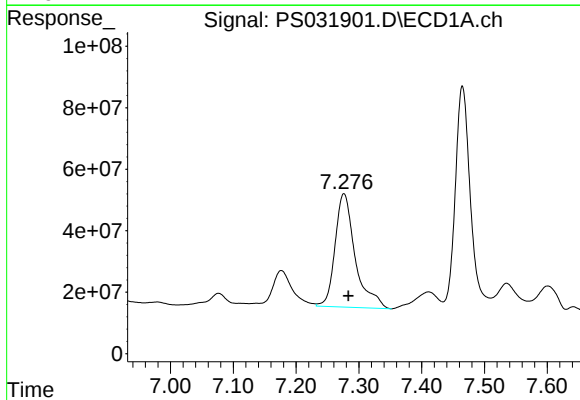
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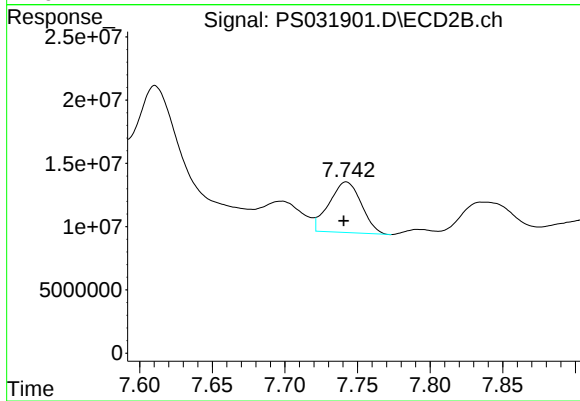
#3 4-Nitrophenol

R.T.: 7.304 min
Delta R.T.: 0.021 min
Response: 17540566
Conc: 13.89 ng/ml m



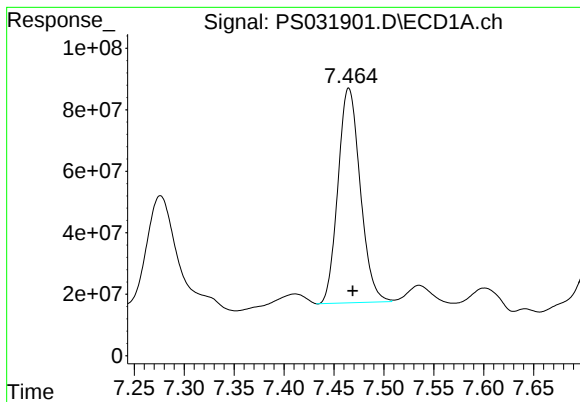
#4 2,4-DCAA

R.T.: 7.276 min
Delta R.T.: -0.007 min
Response: 824058305
Conc: 228.81 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: 0.002 min
Response: 61431273
Conc: 67.59 ng/ml



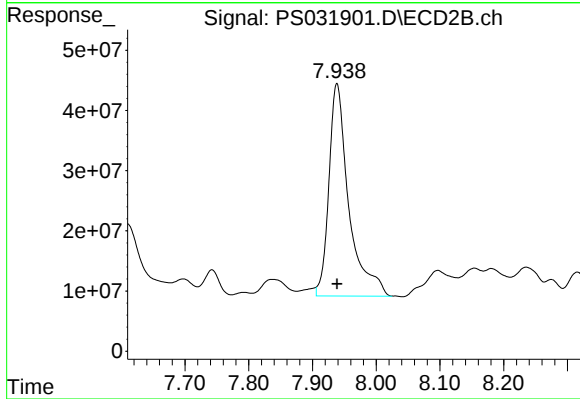
#5 DICAMBA

R.T.: 7.464 min
Delta R.T.: -0.004 min
Response: 1085113787
Conc: 69.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-4MS

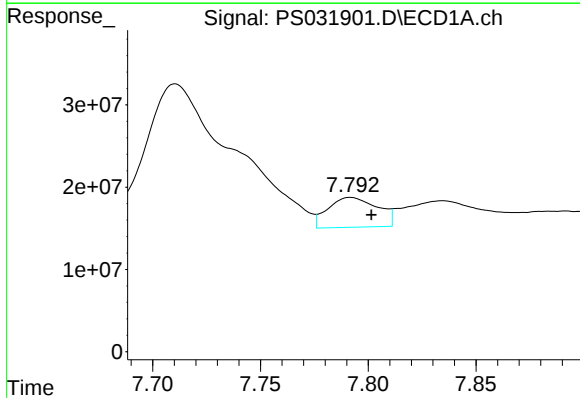
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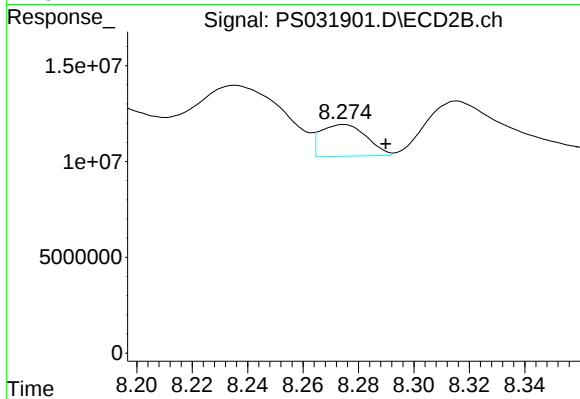
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 767033059
Conc: 117.88 ng/ml m



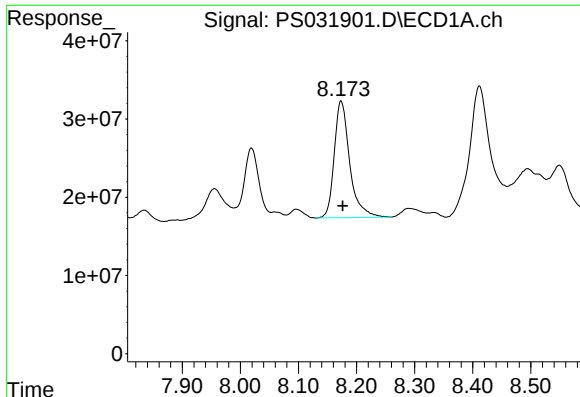
#7 MCPA

R.T.: 7.792 min
Delta R.T.: -0.010 min
Response: 58030038
Conc: 5.22 ug/ml



#7 MCPA

R.T.: 8.274 min
Delta R.T.: -0.016 min
Response: 18672538
Conc: 6.67 ug/ml m



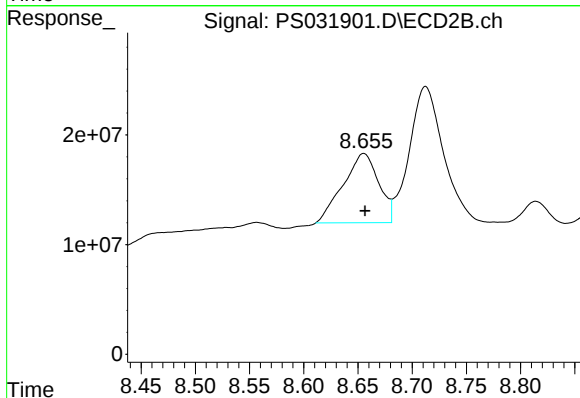
#8 DICHLORPROP

R.T.: 8.174 min
Delta R.T.: -0.003 min
Response: 275646141
Conc: 77.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-4MS

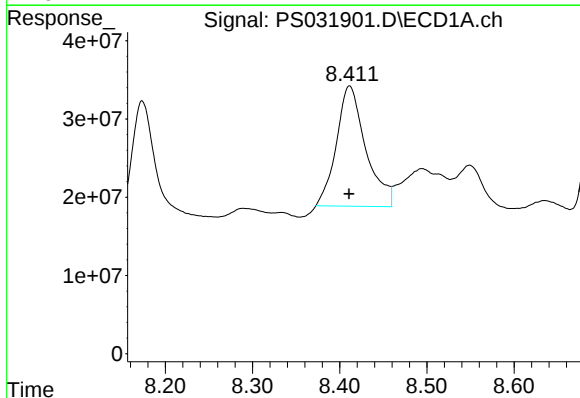
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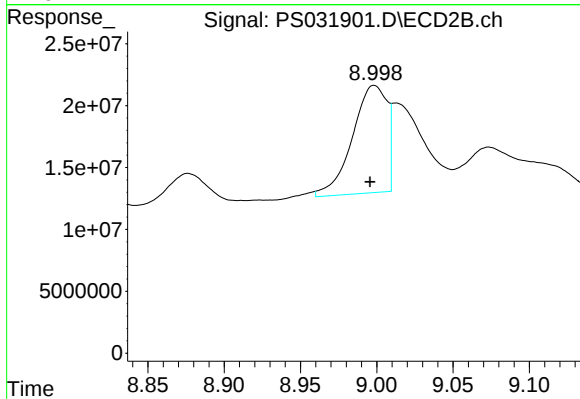
#8 DICHLORPROP

R.T.: 8.655 min
Delta R.T.: -0.001 min
Response: 144242670
Conc: 99.13 ng/ml



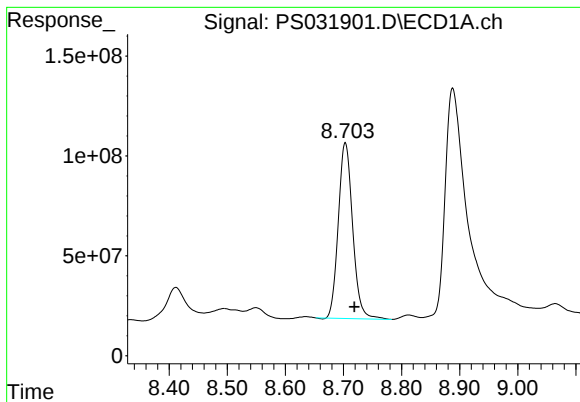
#9 2,4-D

R.T.: 8.411 min
Delta R.T.: 0.000 min
Response: 359743015
Conc: 105.01 ng/ml



#9 2,4-D

R.T.: 8.998 min
Delta R.T.: 0.002 min
Response: 139589717
Conc: 84.85 ng/ml m



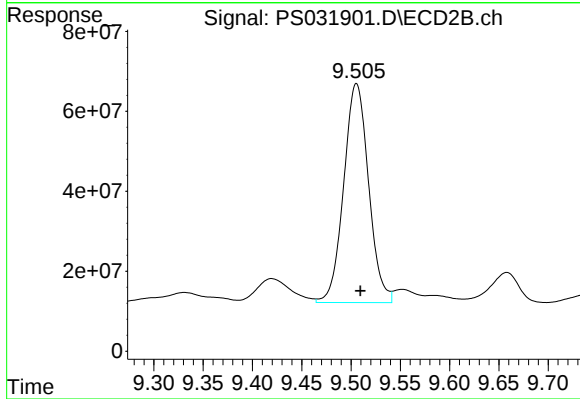
#10 Pentachlorophenol

R.T.: 8.703 min
Delta R.T.: -0.016 min
Response: 1505868115
Conc: 28.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-4MS

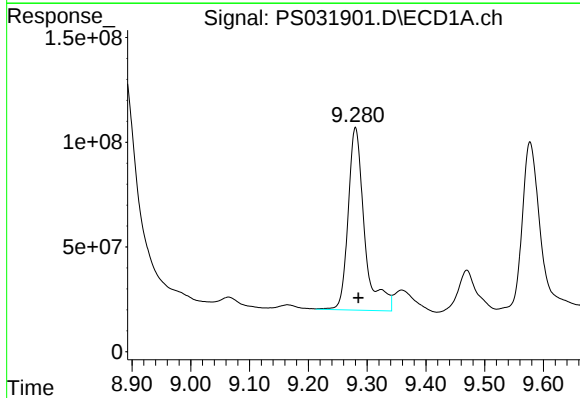
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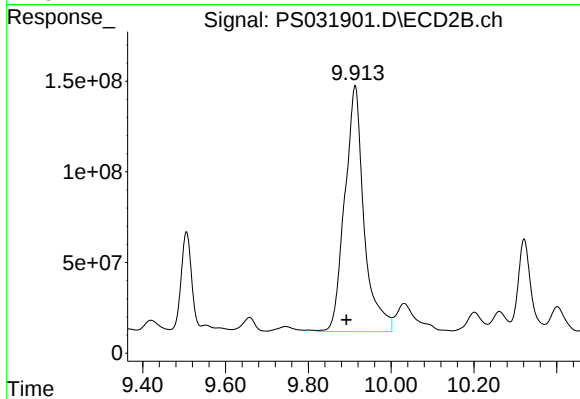
#10 Pentachlorophenol

R.T.: 9.505 min
Delta R.T.: -0.004 min
Response: 963234733
Conc: 24.27 ng/ml



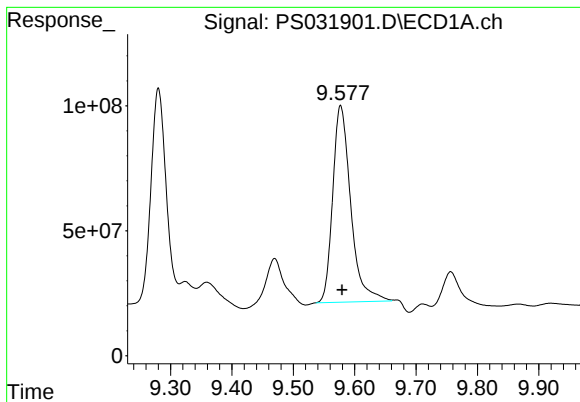
#11 2,4,5-TP (SILVEX)

R.T.: 9.280 min
Delta R.T.: -0.005 min
Response: 1689932363
Conc: 80.57 ng/ml



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

R.T.: 9.913 min
Delta R.T.: 0.021 min
Response: 4380317361
Conc: 290.97 ng/ml



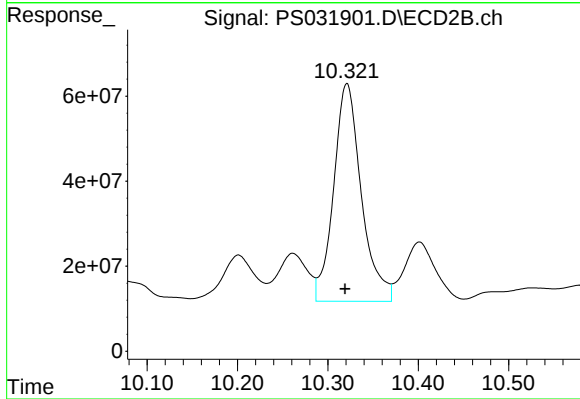
#12 2,4,5-T

R.T.: 9.577 min
Delta R.T.: -0.003 min
Response: 1605876828
Conc: 87.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-4MS

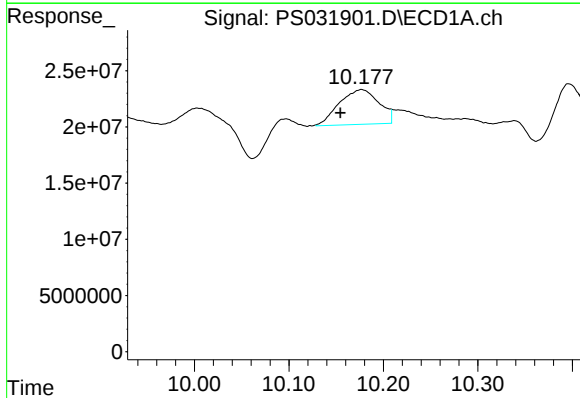
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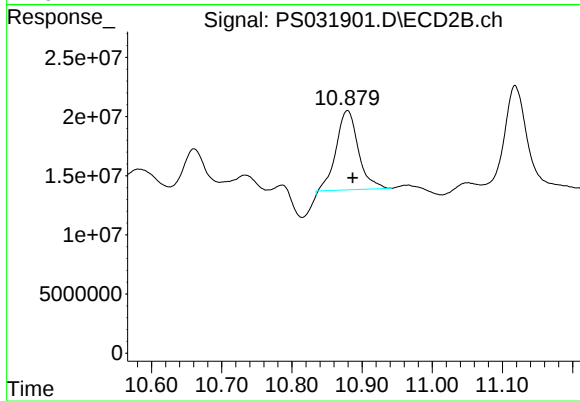
#12 2,4,5-T

R.T.: 10.321 min
Delta R.T.: 0.002 min
Response: 1092190656
Conc: 81.16 ng/ml



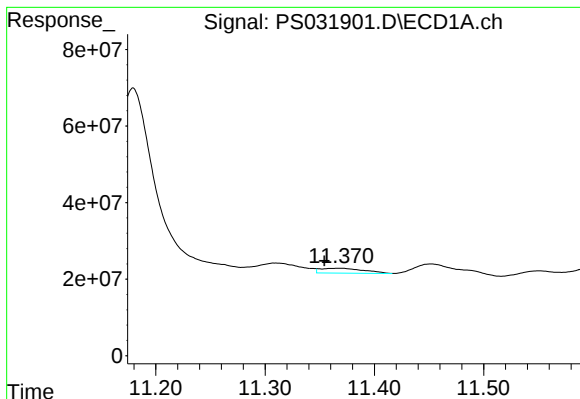
#13 2,4-DB

R.T.: 10.177 min
Delta R.T.: 0.022 min
Response: 91351219
Conc: 39.16 ng/ml m



#13 2,4-DB

R.T.: 10.879 min
Delta R.T.: -0.008 min
Response: 147374481
Conc: 137.73 ng/ml m



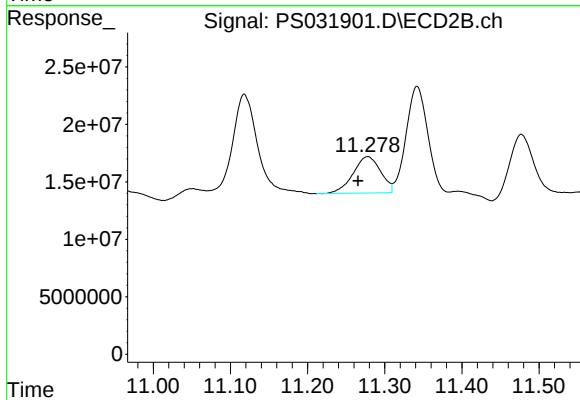
#14 DINOSEB

R.T.: 11.370 min
Delta R.T.: 0.016 min
Response: 34385433
Conc: 2.38 ng/ml

Instrument :
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ClientSampleId :
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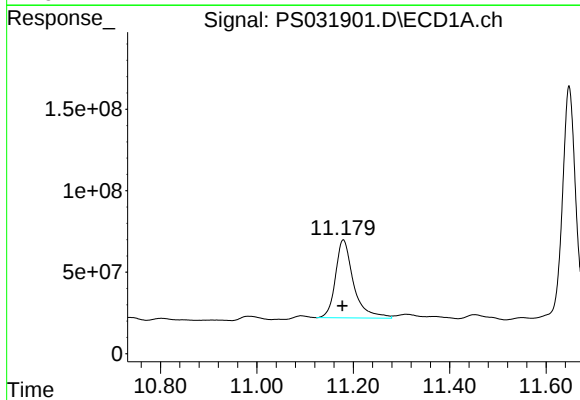
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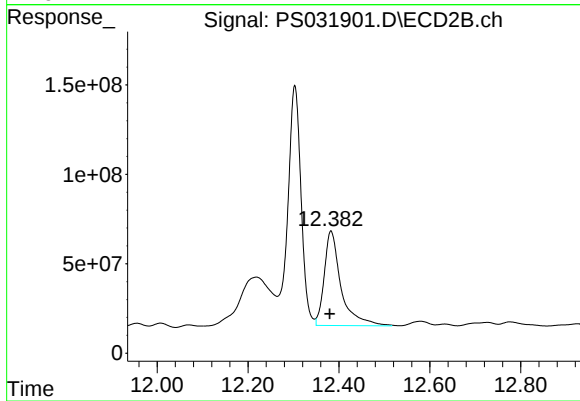
#14 DINOSEB

R.T.: 11.278 min
Delta R.T.: 0.012 min
Response: 78755264
Conc: 8.10 ng/ml



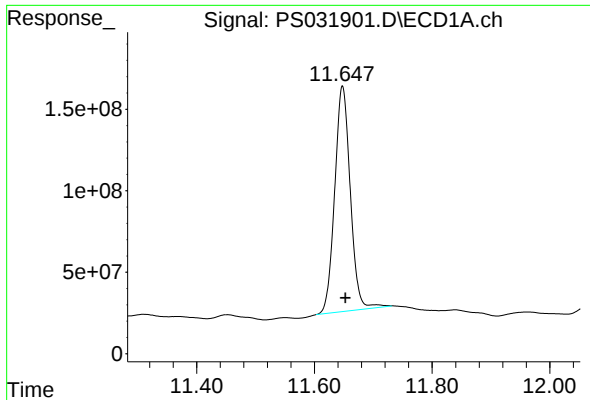
#15 Picloram

R.T.: 11.180 min
Delta R.T.: 0.002 min
Response: 1242549267
Conc: 68.99 ng/ml



#15 Picloram

R.T.: 12.382 min
Delta R.T.: 0.002 min
Response: 1354784961
Conc: 57.20 ng/ml m



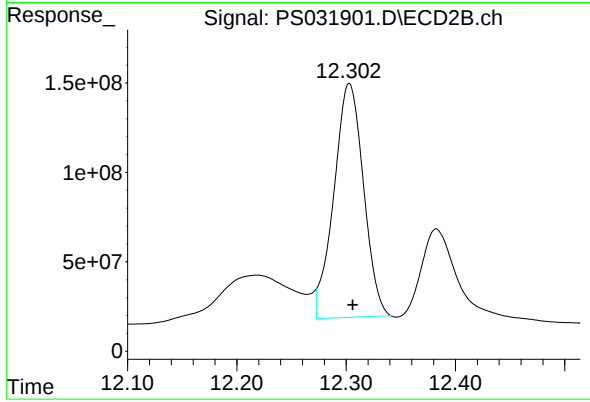
#16 DCPA

R.T.: 11.648 min
Delta R.T.: -0.005 min
Response: 2552795003
Conc: 94.72 ng/ml

Instrument :
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#16 DCPA

R.T.: 12.302 min
Delta R.T.: -0.004 min
Response: 2451961041
Conc: 101.72 ng/ml m