

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS093025\
 Data File : PS031902.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Oct 2025 01:19
 Operator : AR\AJ
 Sample : Q3231-13MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-4MSD

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 02:24:53 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	7.275	7.742	829.6E6	61996839	230.357	68.211 #
Target Compounds							
1) T	Dalapon	2.652	2.687	313.0E6	156.5E6	54.139m	55.548m
2) T	3,5-DICHL...	6.451	6.698	261.8E6	73977897	49.088	48.511m
3) T	4-Nitroph...	7.075	7.302	54164459	17824252	49.097m	14.115m#
5) T	DICAMBA	7.464	7.937	1067.0E6	776.3E6	68.412	119.308m#
7) T	MCPA	7.792	8.273	55117458	19073132	4.961	6.809m#
8) T	DICHLORPROP	8.173	8.655	270.8E6	144.5E6	76.038	99.329 #
9) T	2,4-D	8.409	8.997	349.6E6	134.2E6	102.061	81.603m
10) T	Pentachlo...	8.703	9.505	1494.2E6	956.3E6	28.143	24.094
11) T	2,4,5-TP ...	9.280	9.911	1665.4E6	4583.5E6	79.404	304.463 #
12) T	2,4,5-T	9.576	10.321	1676.1E6	1105.4E6	91.599m	82.141
13) T	2,4-DB	10.177	10.877	96911183	112.6E6	41.543m	105.262m#
14) T	DINOSEB	11.369	11.277	27712648	78003012	1.921	8.024 #
15) T	Picloram	11.177	12.382	1245.3E6	1284.0E6	69.139	54.215m
16) T	DCPA	11.646	12.303	2479.9E6	2451.2E6	92.020	101.693m

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

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Acq On : 01 Oct 2025 01:19
Operator : AR\AJ
Sample : Q3231-13MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

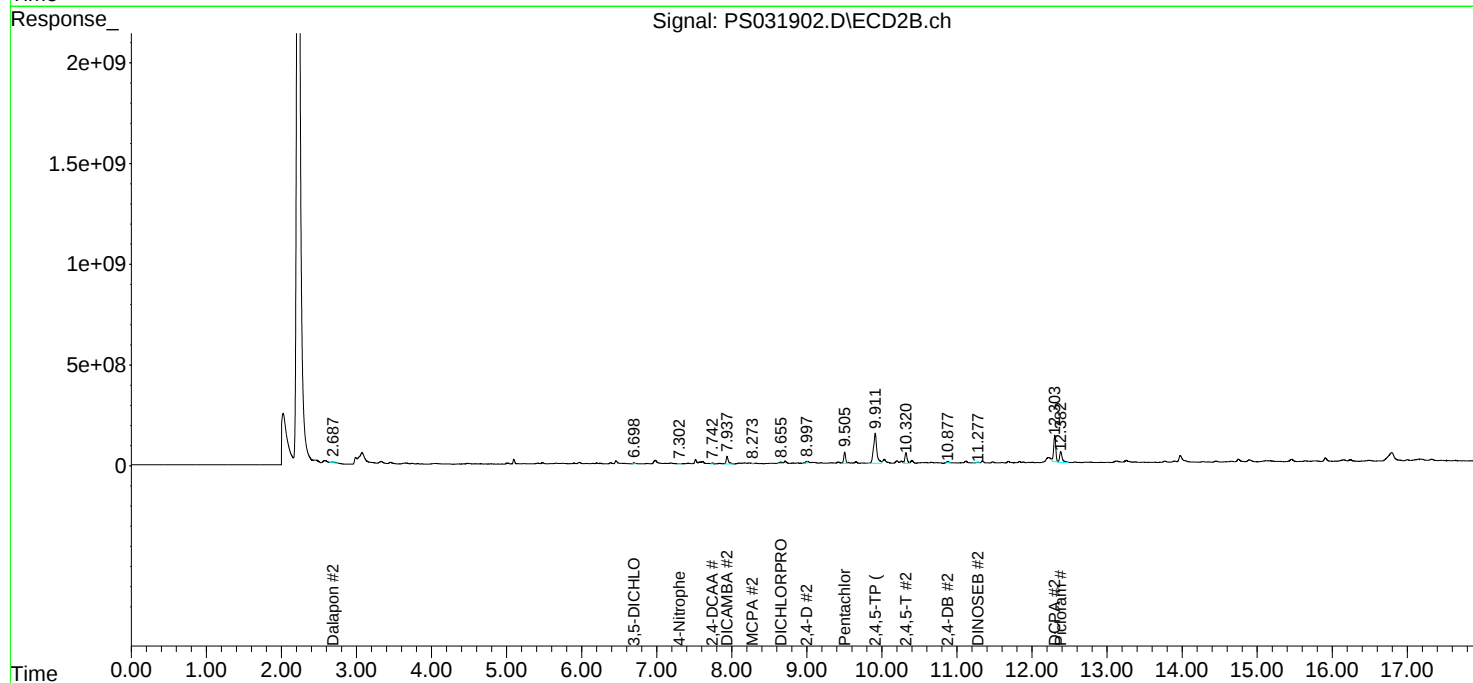
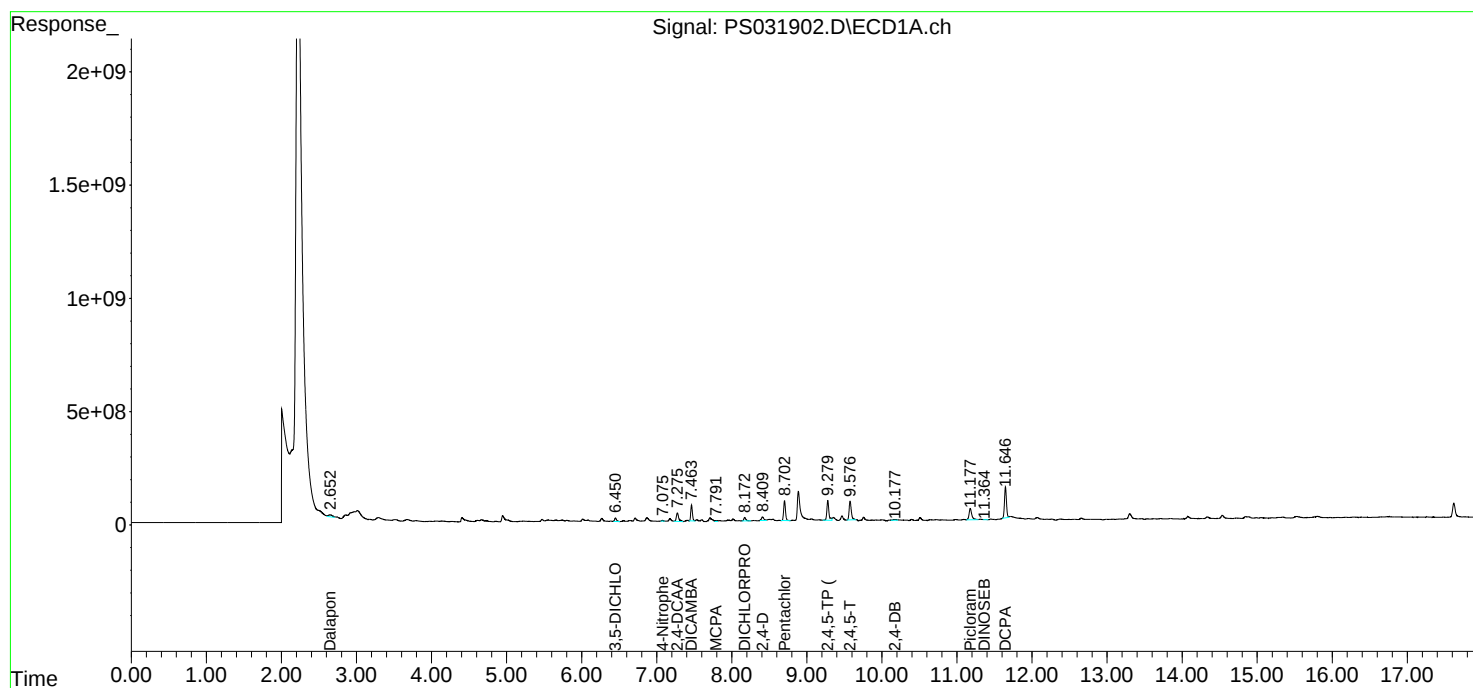
Instrument :
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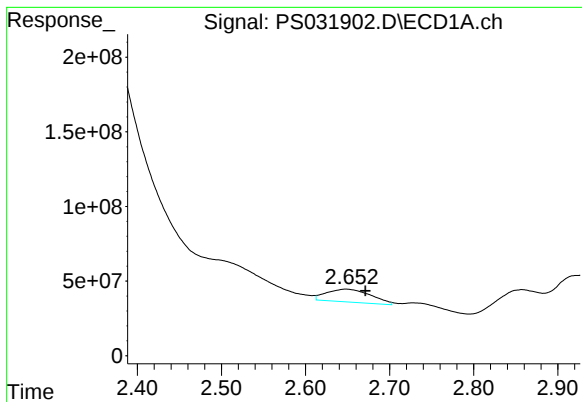
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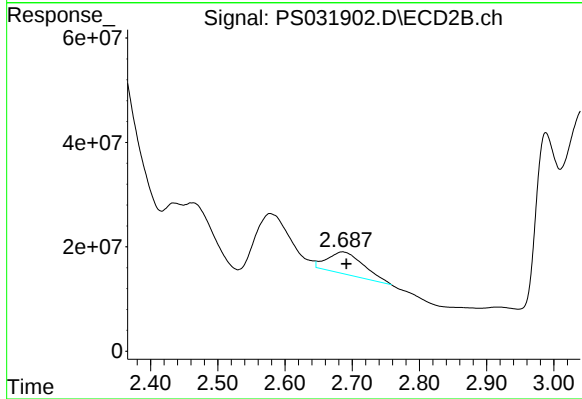
#1 Dalapon

R.T.: 2.652 min
Delta R.T.: -0.019 min
Response: 312965902
Conc: 54.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-4MSD

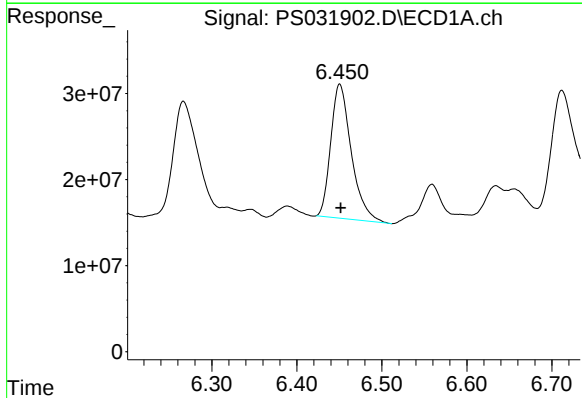
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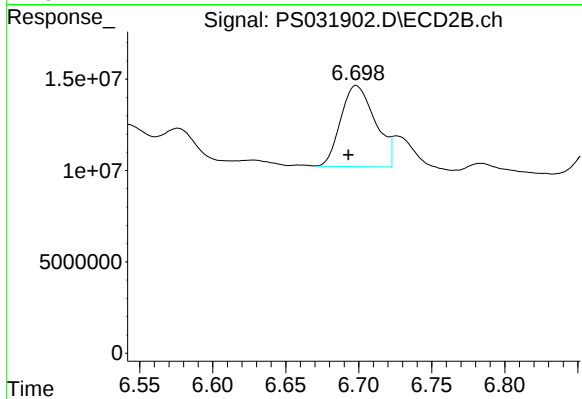
#1 Dalapon

R.T.: 2.687 min
Delta R.T.: -0.005 min
Response: 156512329
Conc: 55.55 ng/ml m



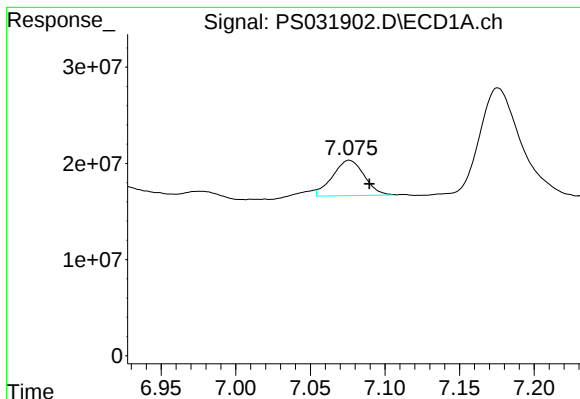
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.451 min
Delta R.T.: 0.000 min
Response: 261804249
Conc: 49.09 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.698 min
Delta R.T.: 0.005 min
Response: 73977897
Conc: 48.51 ng/ml m



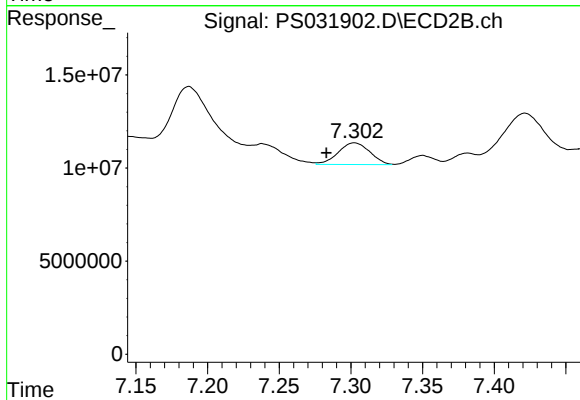
#3 4-Nitrophenol

R.T.: 7.075 min
Delta R.T.: -0.014 min
Response: 54164459
Conc: 49.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-4MSD

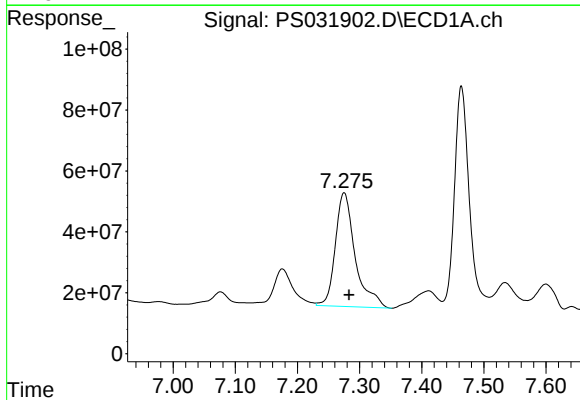
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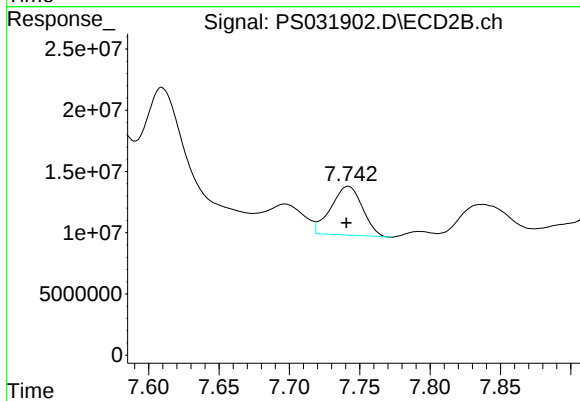
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: 0.019 min
Response: 17824252
Conc: 14.12 ng/ml m



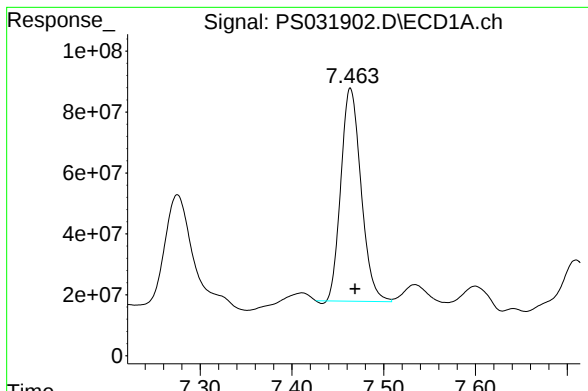
#4 2,4-DCAA

R.T.: 7.275 min
Delta R.T.: -0.008 min
Response: 829637465
Conc: 230.36 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: 0.001 min
Response: 61996839
Conc: 68.21 ng/ml



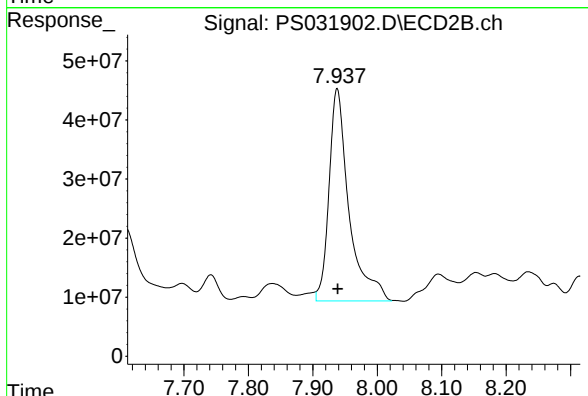
#5 DICAMBA

R.T.: 7.464 min
Delta R.T.: -0.005 min
Response: 1066994466
Conc: 68.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-4MSD

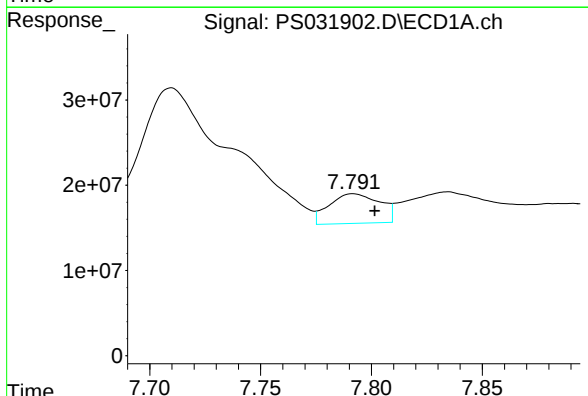
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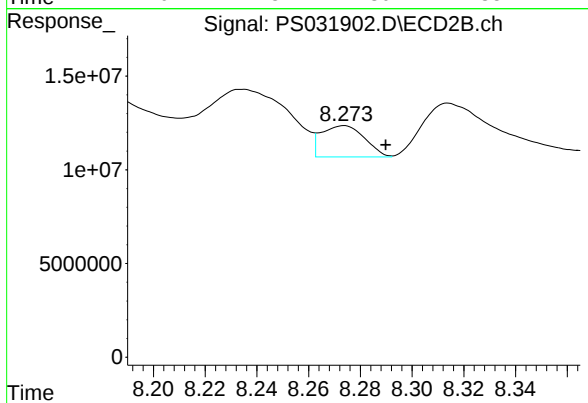
#5 DICAMBA

R.T.: 7.937 min
Delta R.T.: -0.001 min
Response: 776316898
Conc: 119.31 ng/ml m



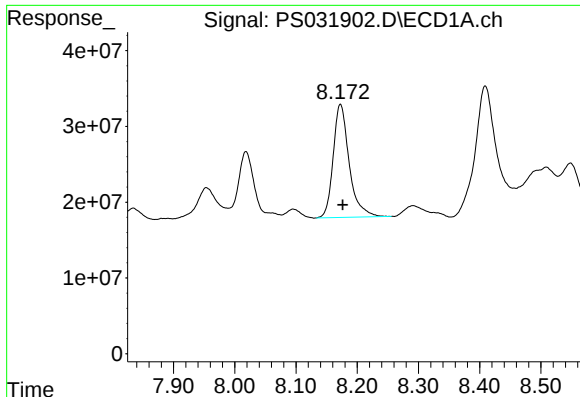
#7 MCPA

R.T.: 7.792 min
Delta R.T.: -0.009 min
Response: 55117458
Conc: 4.96 ug/ml



#7 MCPA

R.T.: 8.273 min
Delta R.T.: -0.016 min
Response: 19073132
Conc: 6.81 ug/ml m



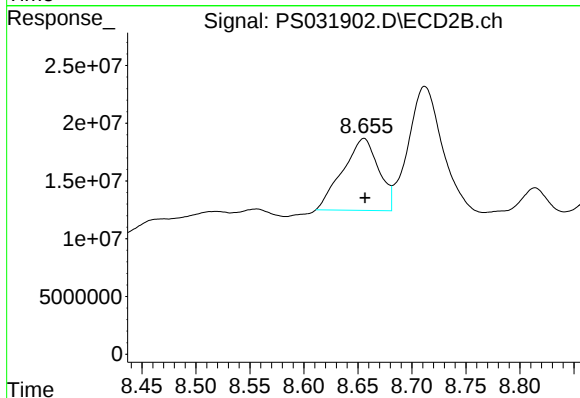
#8 DICHLORPROP

R.T.: 8.173 min
Delta R.T.: -0.004 min
Response: 270829463
Conc: 76.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-4MSD

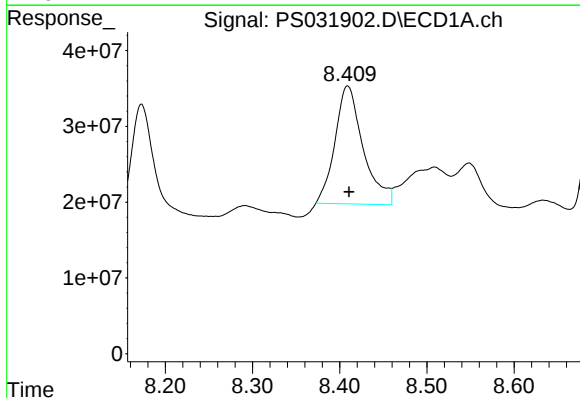
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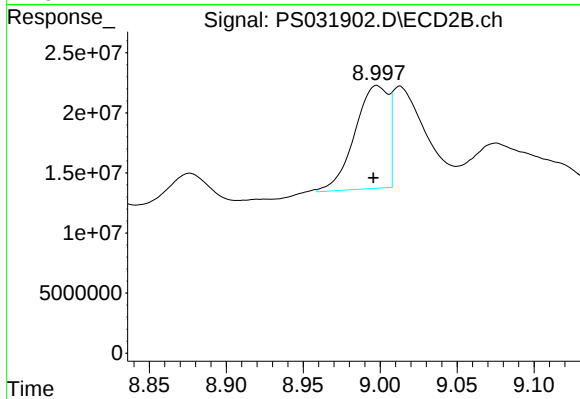
#8 DICHLORPROP

R.T.: 8.655 min
Delta R.T.: -0.001 min
Response: 144529542
Conc: 99.33 ng/ml



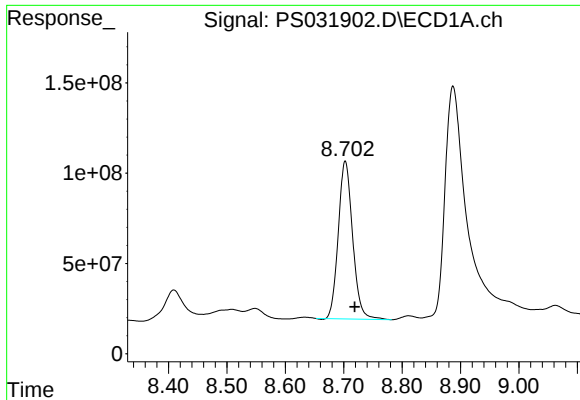
#9 2,4-D

R.T.: 8.409 min
Delta R.T.: -0.001 min
Response: 349625591
Conc: 102.06 ng/ml



#9 2,4-D

R.T.: 8.997 min
Delta R.T.: 0.002 min
Response: 134246447
Conc: 81.60 ng/ml m



#10 Pentachlorophenol

R.T.: 8.703 min
Delta R.T.: -0.016 min
Response: 1494199684
Conc: 28.14 ng/ml

Instrument :

ECD_S

ClientSampleId :

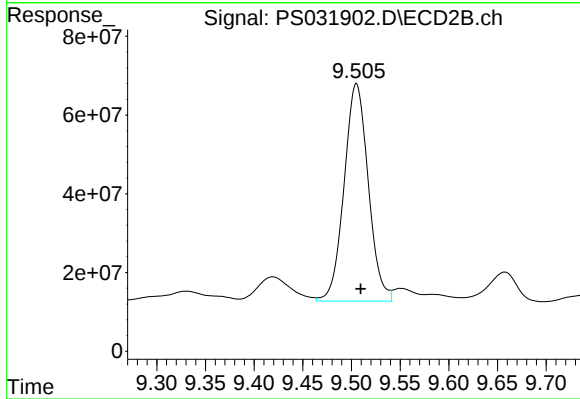
WC-4MSD

Manual Integrations

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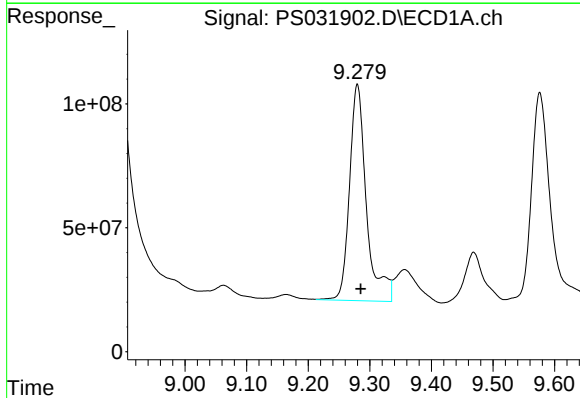
Reviewed By :Abdul Mirza 10/01/2025

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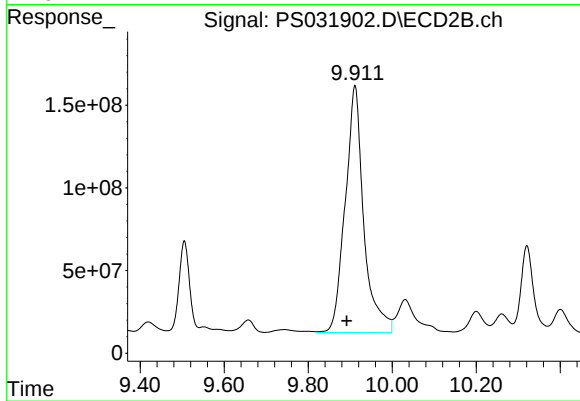
#10 Pentachlorophenol

R.T.: 9.505 min
Delta R.T.: -0.004 min
Response: 956313136
Conc: 24.09 ng/ml



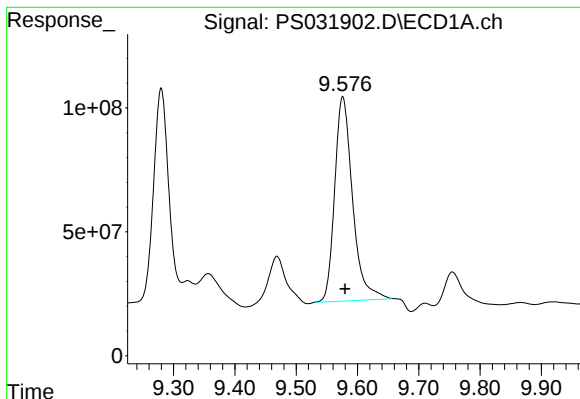
#11 2,4,5-TP (SILVEX)

R.T.: 9.280 min
Delta R.T.: -0.005 min
Response: 1665399691
Conc: 79.40 ng/ml



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

R.T.: 9.911 min
Delta R.T.: 0.019 min
Response: 4583483611
Conc: 304.46 ng/ml



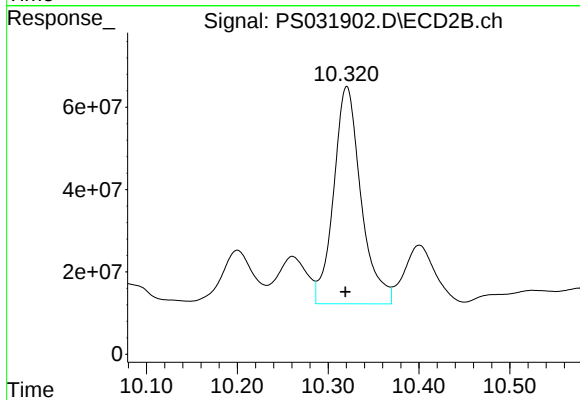
#12 2,4,5-T

R.T.: 9.576 min
Delta R.T.: -0.004 min
Response: 1676103378
Conc: 91.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-4MSD

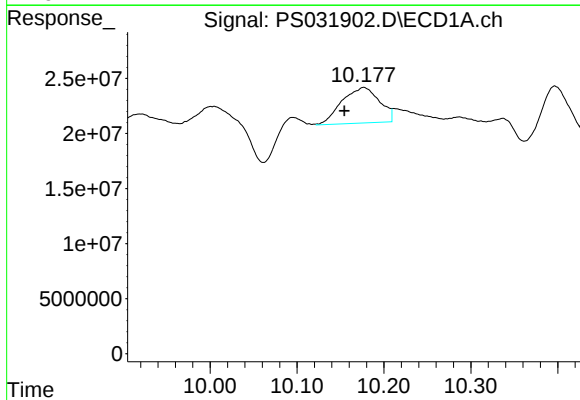
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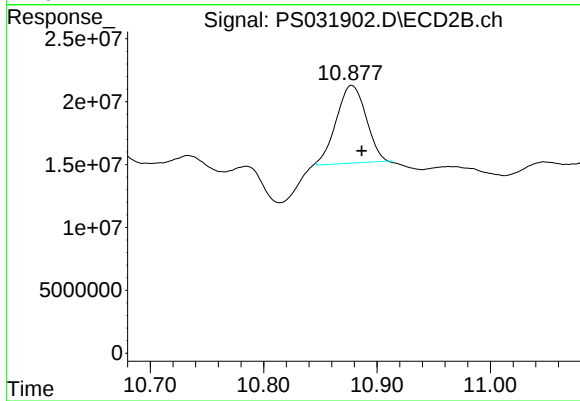
#12 2,4,5-T

R.T.: 10.321 min
Delta R.T.: 0.001 min
Response: 1105379361
Conc: 82.14 ng/ml



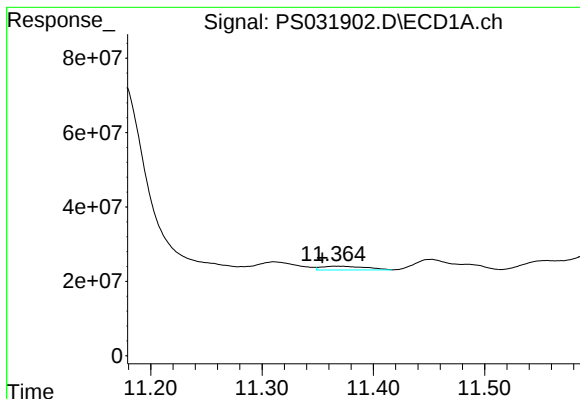
#13 2,4-DB

R.T.: 10.177 min
Delta R.T.: 0.022 min
Response: 96911183
Conc: 41.54 ng/ml m



#13 2,4-DB

R.T.: 10.877 min
Delta R.T.: -0.010 min
Response: 112634981
Conc: 105.26 ng/ml m



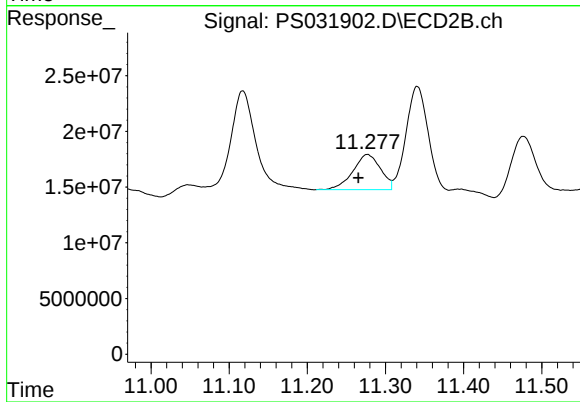
#14 DINOSEB

R.T.: 11.369 min
Delta R.T.: 0.014 min
Response: 27712648
Conc: 1.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
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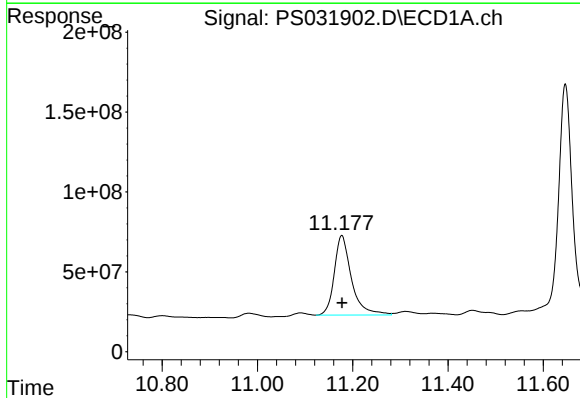
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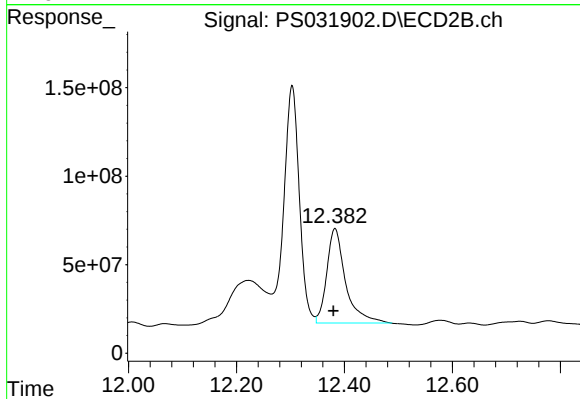
#14 DINOSEB

R.T.: 11.277 min
Delta R.T.: 0.012 min
Response: 78003012
Conc: 8.02 ng/ml



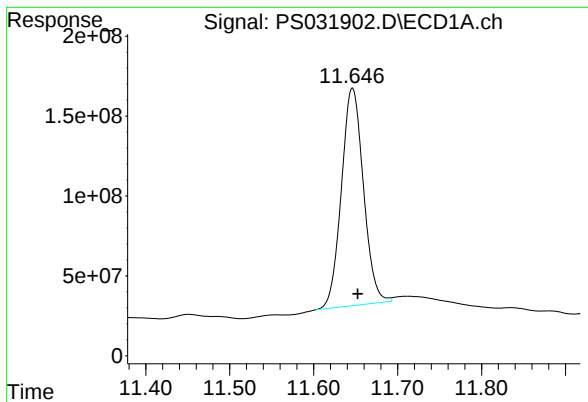
#15 Picloram

R.T.: 11.177 min
Delta R.T.: 0.000 min
Response: 1245263051
Conc: 69.14 ng/ml



#15 Picloram

R.T.: 12.382 min
Delta R.T.: 0.002 min
Response: 1283977699
Conc: 54.21 ng/ml m



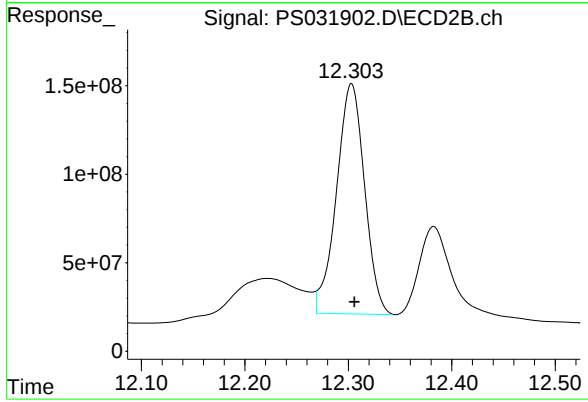
#16 DCPA

R.T.: 11.646 min
Delta R.T.: -0.006 min
Response: 2479939810
Conc: 92.02 ng/ml

Instrument :
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#16 DCPA

R.T.: 12.303 min
Delta R.T.: -0.003 min
Response: 2451210469
Conc: 101.69 ng/ml m