

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091925\
 Data File : PS031777.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2025 11:31
 Operator : AR\AJ
 Sample : Q3117-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 7211986-357MSD

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 00:36:36 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	7.286	7.746	615.3E6	192.1E6	170.858	211.344
Target Compounds							
1) T	Dalapon	2.612f	2.670	286.3E6	1550.1E6	49.525m	550.143 #
2) T	3,5-DICHL...	6.456	6.707	50805684	13486973	9.526	8.844m
3) T	4-Nitroph...	7.060f	7.311f	22465464	13361904	20.364m	10.581m#
5) T	DICAMBA	7.470	7.942	184.5E6	67111269	11.827	10.314m
6) T	MCPD	7.692f	8.069f	26789584	19673578	2.997m	10.446m#
7) T	MCPA	7.840f	8.255f	12091206	49287484	1.088m	17.595 #
8) T	DICHLORPROP	8.180	8.661	44600467	13428991	12.522m	9.229m#
9) T	2,4-D	8.400	9.021	69213864	10318657	20.205m	6.272m#
10) T	Pentachlo...	8.709	9.510	1945.6E6	1311.2E6	36.645	33.035
11) T	2,4,5-TP ...	9.287	9.892	290.7E6	297.1E6	13.859	19.734m#
12) T	2,4,5-T	9.590	10.334	87476412	88718393	4.781m	6.593m#
13) T	2,4-DB	10.178	10.876	28224566	72774649	12.099m	68.011m#
14) T	DINOSEB	11.355	11.269	325.7E6	175.8E6	22.584	18.081
15) T	Picloram	11.203f	12.404	315.4E6	321.8E6	17.510m	13.589m
16) T	DCPA	11.652	12.307	1554.1E6	1431.8E6	57.668	59.402

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

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Operator : AR\AJ
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Misc :
ALS Vial : 6 Sample Multiplier: 1

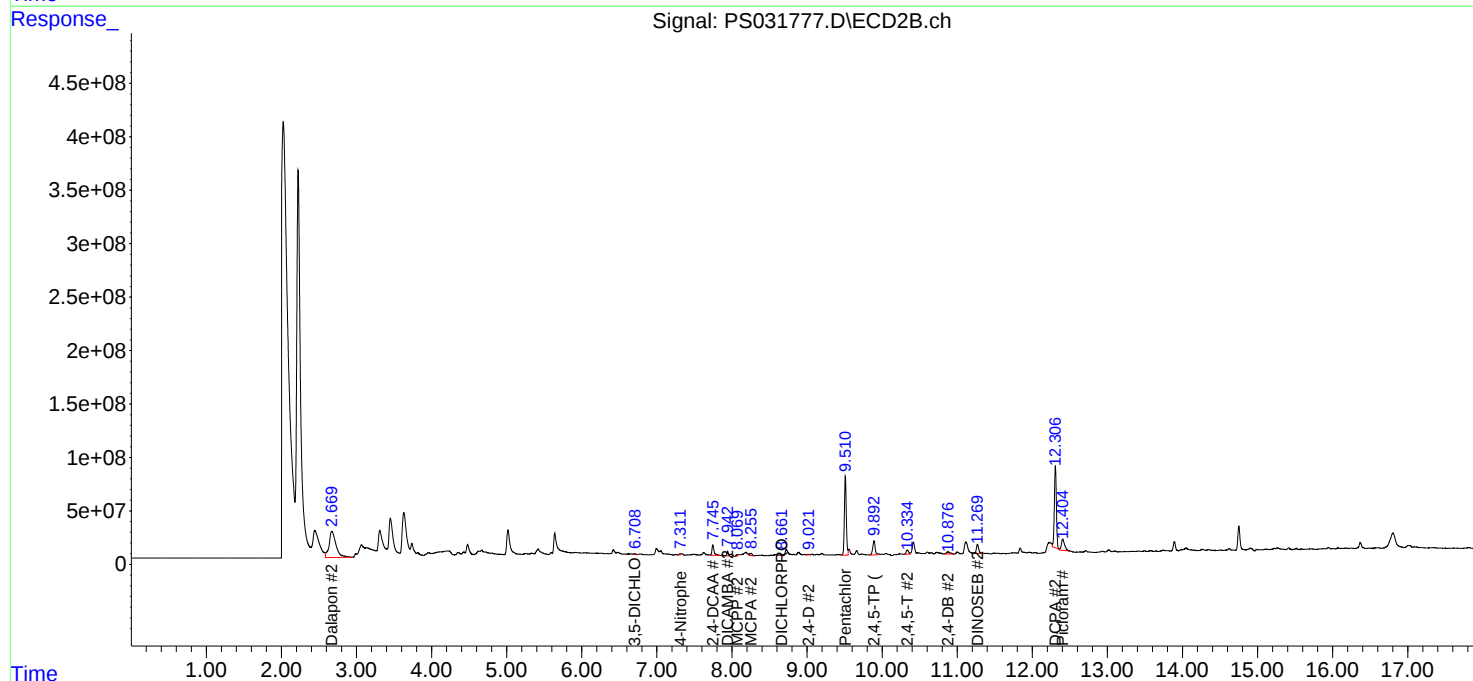
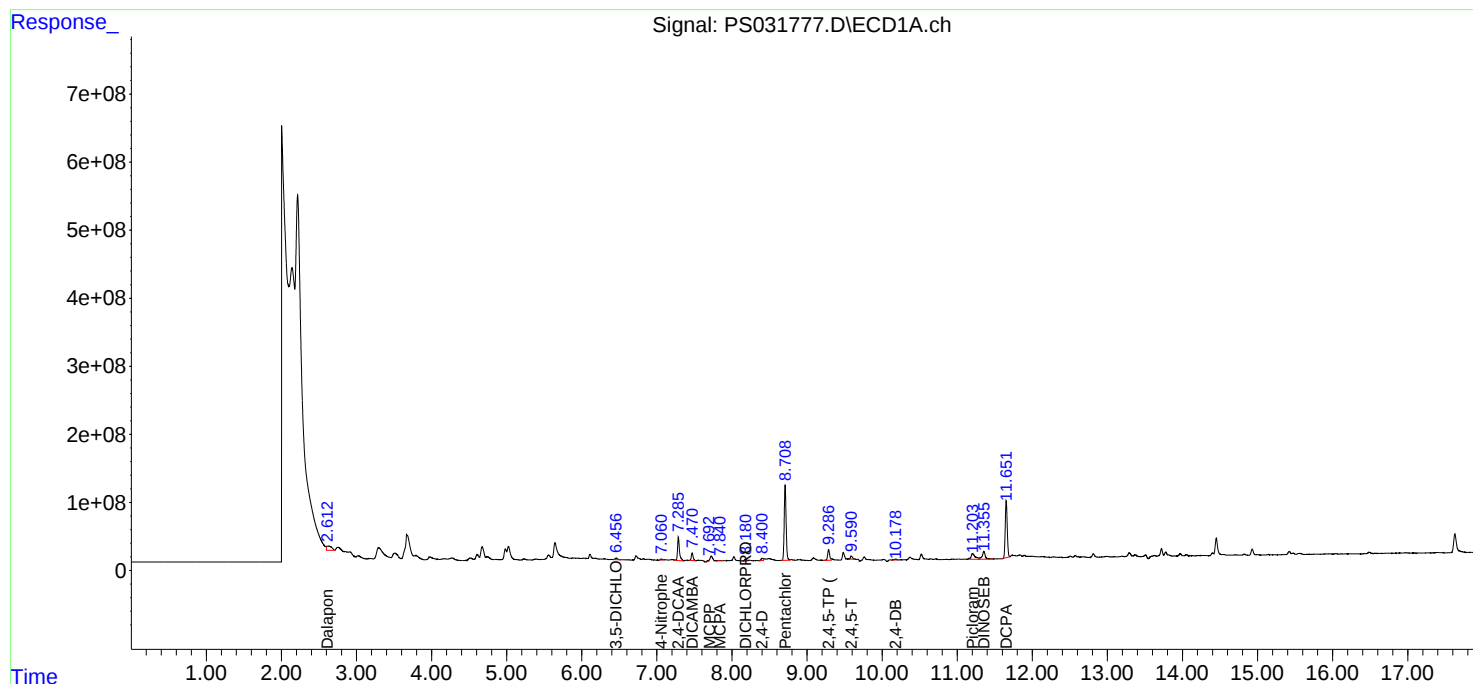
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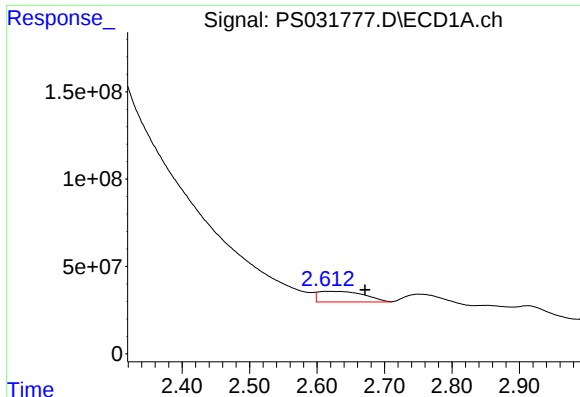
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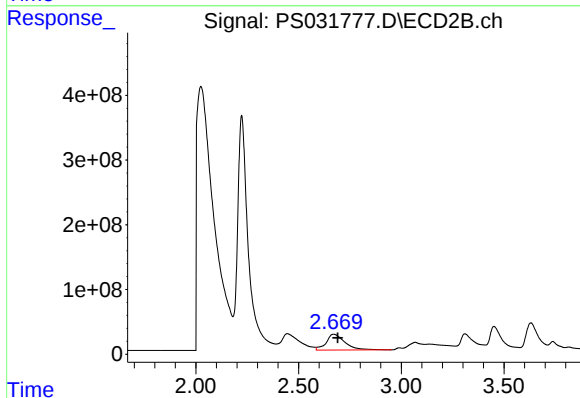
#1 Dalapon

R.T.: 2.612 min
Delta R.T.: -0.059 min
Response: 286294215
Conc: 49.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MSD

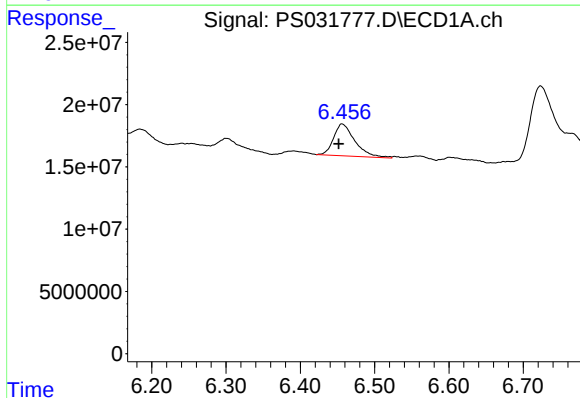
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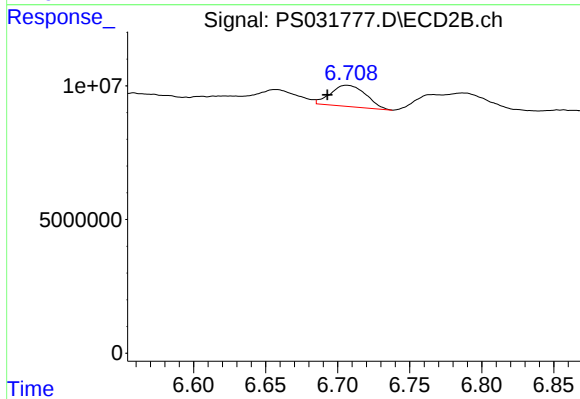
#1 Dalapon

R.T.: 2.670 min
Delta R.T.: -0.022 min
Response: 1550099151
Conc: 550.14 ng/ml



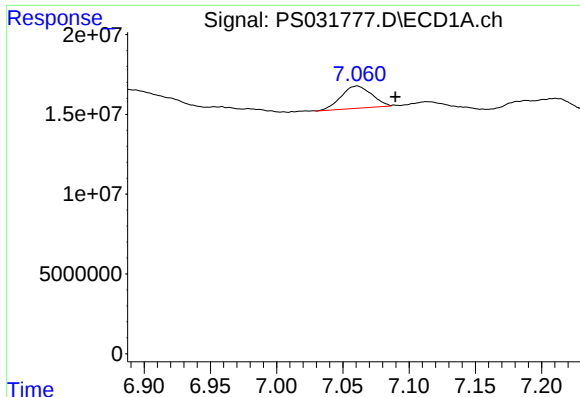
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.456 min
Delta R.T.: 0.005 min
Response: 50805684
Conc: 9.53 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.707 min
Delta R.T.: 0.015 min
Response: 13486973
Conc: 8.84 ng/ml m



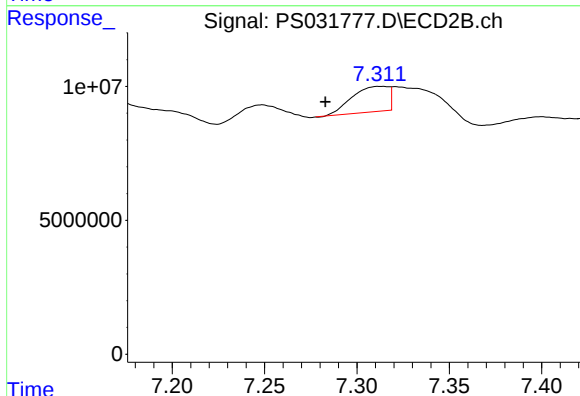
#3 4-Nitrophenol

R.T.: 7.060 min
Delta R.T.: -0.029 min
Response: 22465464
Conc: 20.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MSD

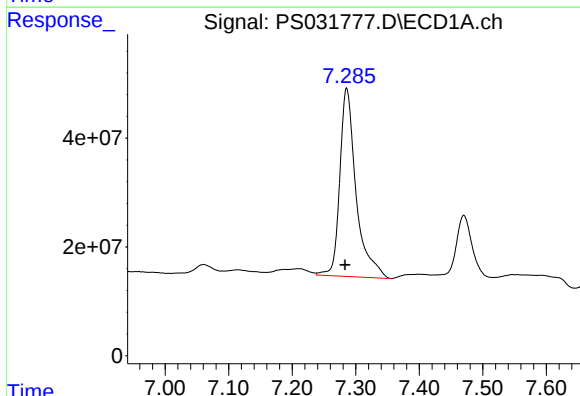
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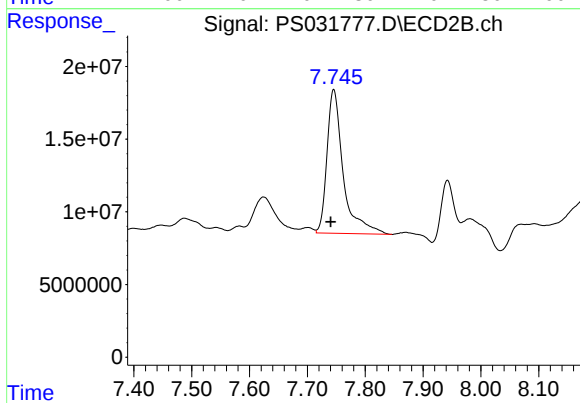
#3 4-Nitrophenol

R.T.: 7.311 min
Delta R.T.: 0.028 min
Response: 13361904
Conc: 10.58 ng/ml m



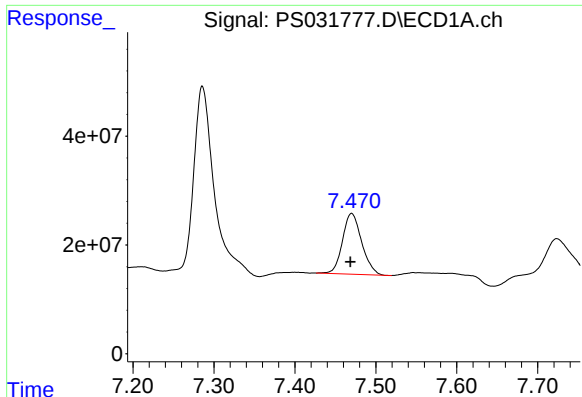
#4 2,4-DCAA

R.T.: 7.286 min
Delta R.T.: 0.003 min
Response: 615349874
Conc: 170.86 ng/ml



#4 2,4-DCAA

R.T.: 7.746 min
Delta R.T.: 0.005 min
Response: 192090850
Conc: 211.34 ng/ml



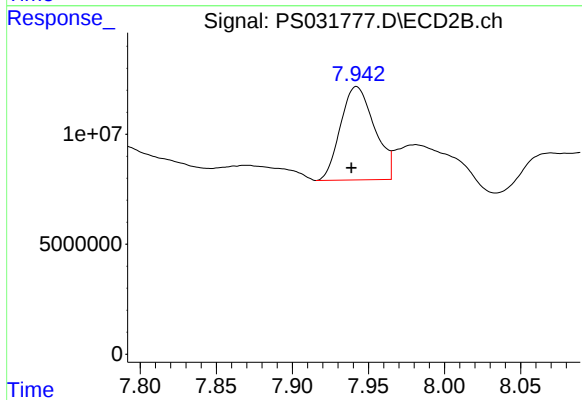
#5 DICAMBA

R.T.: 7.470 min
Delta R.T.: 0.001 min
Response: 184462633
Conc: 11.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MSD

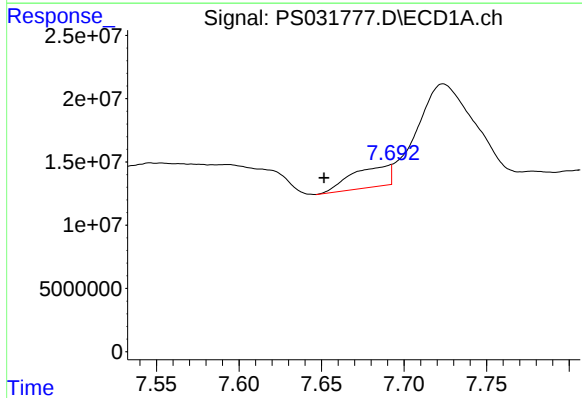
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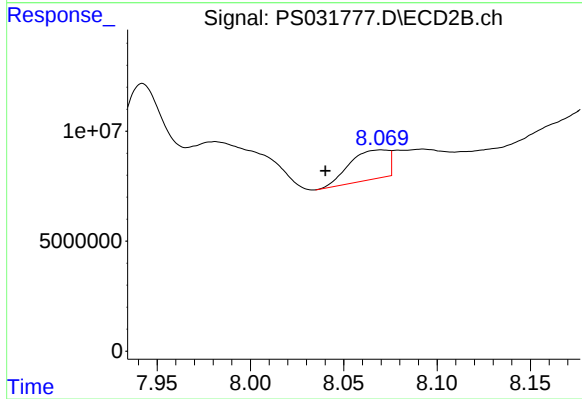
#5 DICAMBA

R.T.: 7.942 min
Delta R.T.: 0.003 min
Response: 67111269
Conc: 10.31 ng/ml m



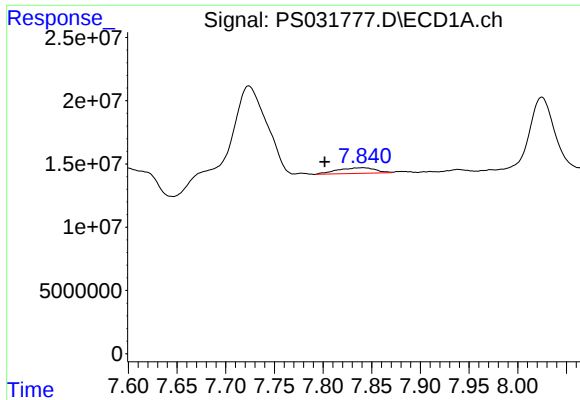
#6 MCP

R.T.: 7.692 min
Delta R.T.: 0.040 min
Response: 26789584
Conc: 3.00 ug/ml m



#6 MCP

R.T.: 8.069 min
Delta R.T.: 0.029 min
Response: 19673578
Conc: 10.45 ug/ml m



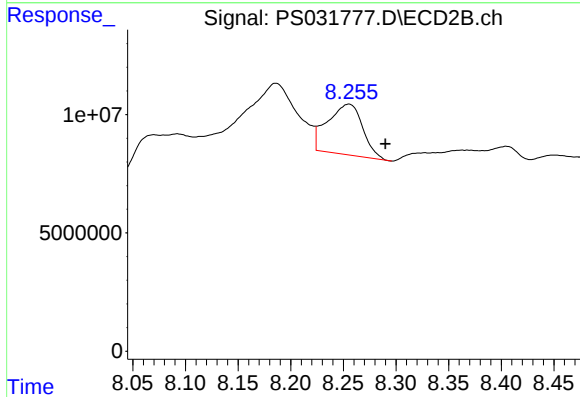
#7 MCPA

R.T.: 7.840 min
Delta R.T.: 0.038 min
Response: 12091206
Conc: 1.09 ug/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MSD

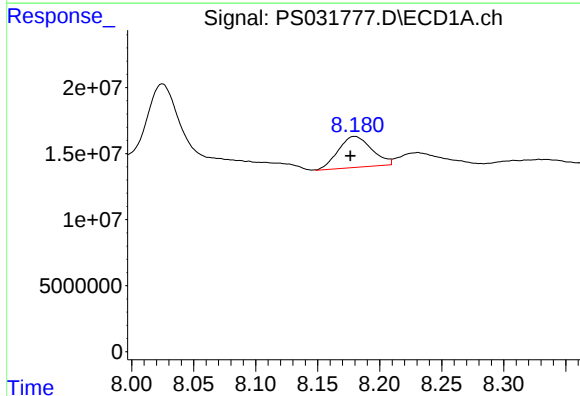
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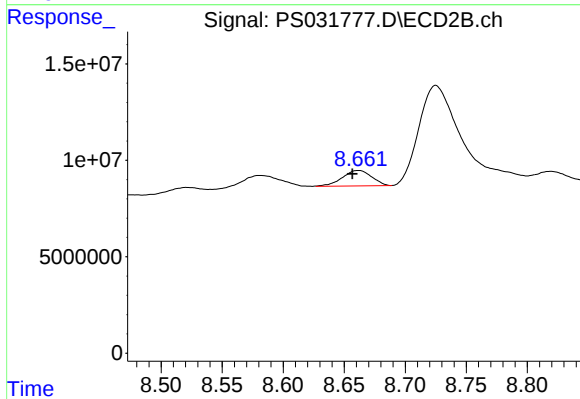
#7 MCPA

R.T.: 8.255 min
Delta R.T.: -0.035 min
Response: 49287484
Conc: 17.60 ug/ml



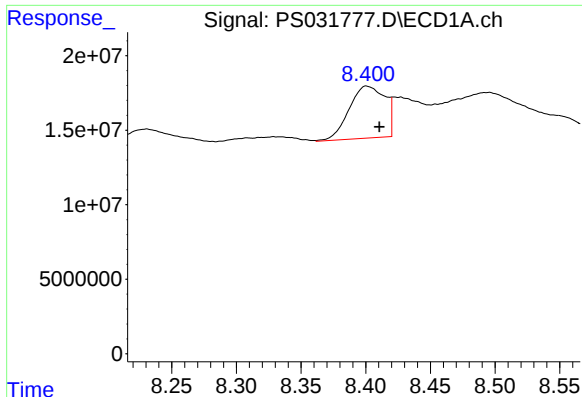
#8 DICHLORPROP

R.T.: 8.180 min
Delta R.T.: 0.004 min
Response: 44600467
Conc: 12.52 ng/ml m



#8 DICHLORPROP

R.T.: 8.661 min
Delta R.T.: 0.005 min
Response: 13428991
Conc: 9.23 ng/ml m



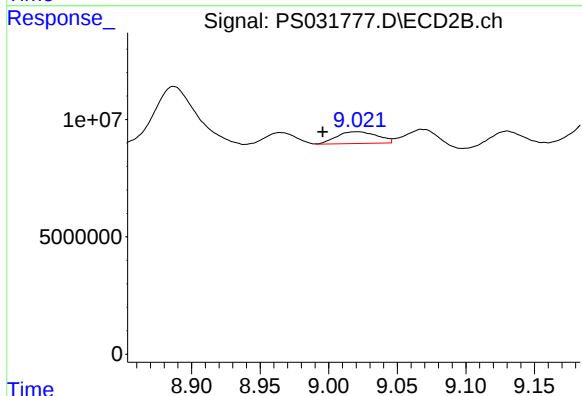
#9 2,4-D

R.T.: 8.400 min
Delta R.T.: -0.011 min
Response: 69213864
Conc: 20.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MSD

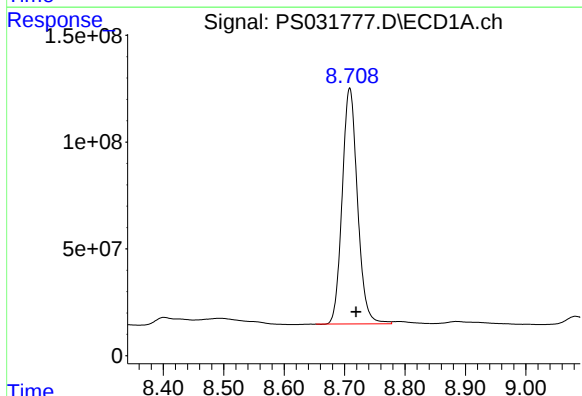
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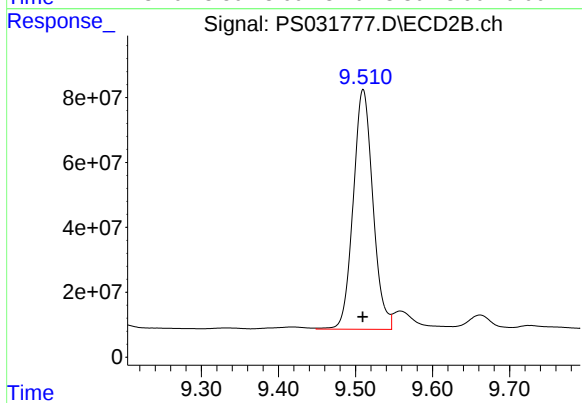
#9 2,4-D

R.T.: 9.021 min
Delta R.T.: 0.025 min
Response: 10318657
Conc: 6.27 ng/ml m



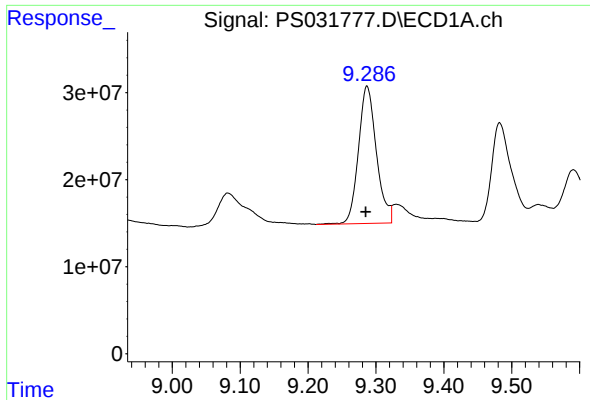
#10 Pentachlorophenol

R.T.: 8.709 min
Delta R.T.: -0.010 min
Response: 1945602318
Conc: 36.64 ng/ml



#10 Pentachlorophenol

R.T.: 9.510 min
Delta R.T.: 0.000 min
Response: 1311187061
Conc: 33.04 ng/ml



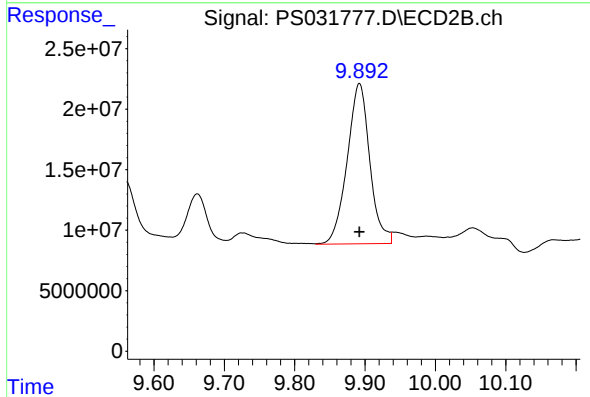
#11 2,4,5-TP (SILVEX)

R.T.: 9.287 min
Delta R.T.: 0.002 min
Response: 290667616
Conc: 13.86 ng/ml

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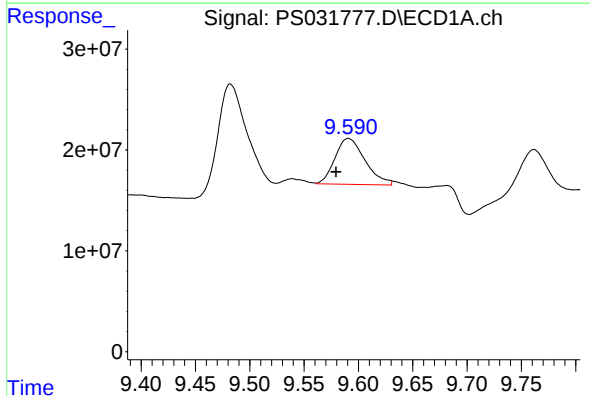
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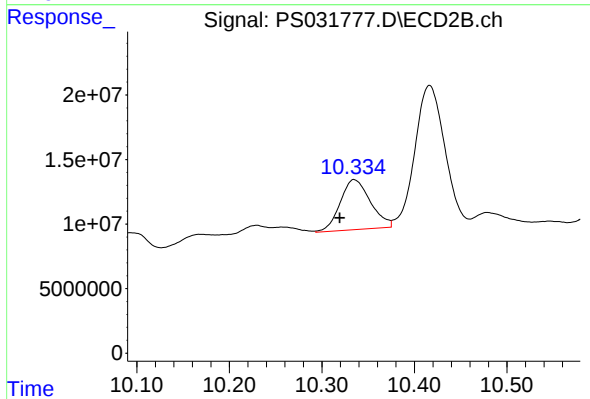
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: 0.000 min
Response: 297075468
Conc: 19.73 ng/ml m



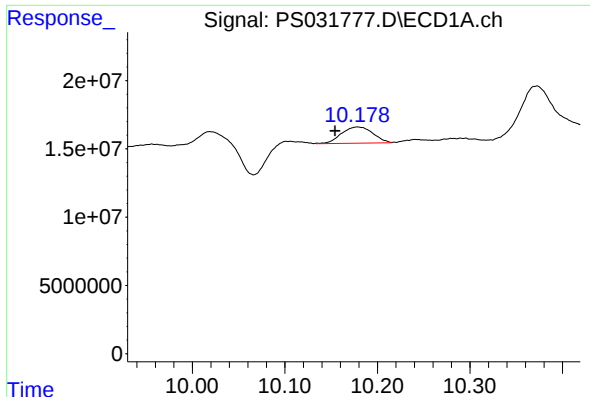
#12 2,4,5-T

R.T.: 9.590 min
Delta R.T.: 0.011 min
Response: 87476412
Conc: 4.78 ng/ml m



#12 2,4,5-T

R.T.: 10.334 min
Delta R.T.: 0.015 min
Response: 88718393
Conc: 6.59 ng/ml m



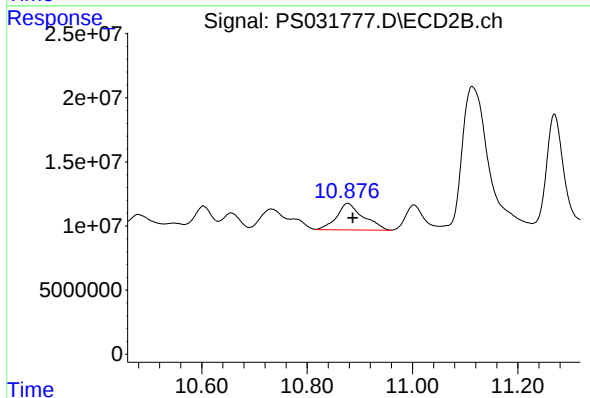
#13 2,4-DB

R.T.: 10.178 min
Delta R.T.: 0.024 min
Response: 28224566
Conc: 12.10 ng/ml

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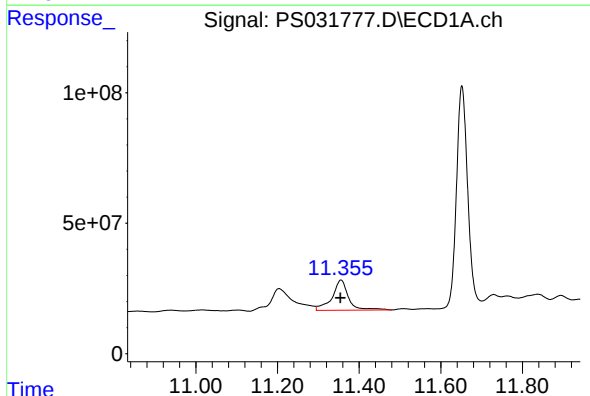
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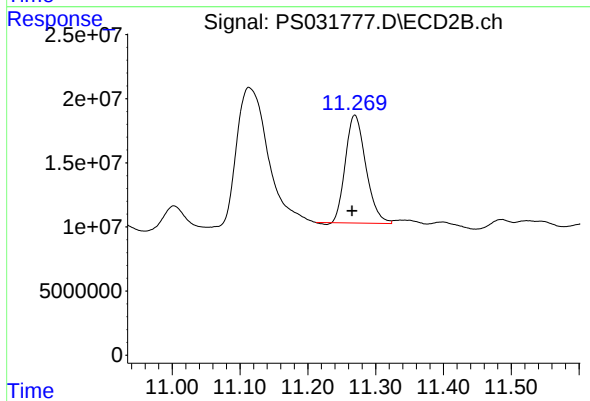
#13 2,4-DB

R.T.: 10.876 min
Delta R.T.: -0.011 min
Response: 72774649
Conc: 68.01 ng/ml m



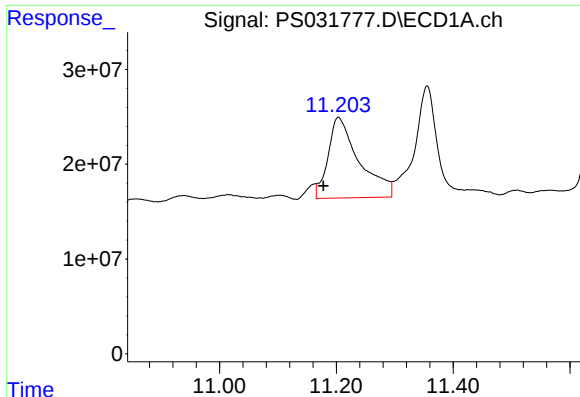
#14 DINOSEB

R.T.: 11.355 min
Delta R.T.: 0.001 min
Response: 325728234
Conc: 22.58 ng/ml



#14 DINOSEB

R.T.: 11.269 min
Delta R.T.: 0.004 min
Response: 175758770
Conc: 18.08 ng/ml



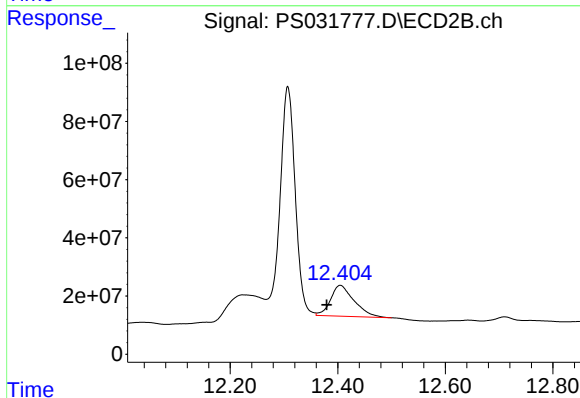
#15 Picloram

R.T.: 11.203 min
Delta R.T.: 0.026 min
Response: 315369160
Conc: 17.51 ng/ml

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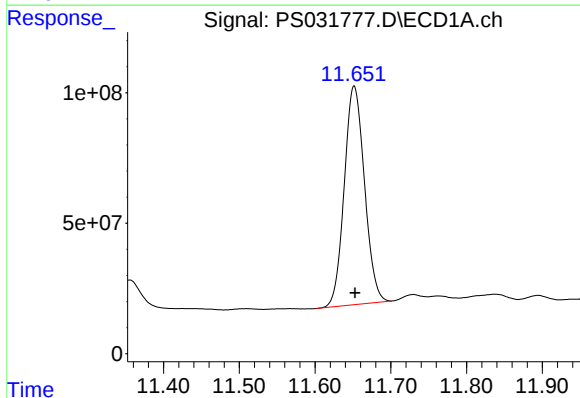
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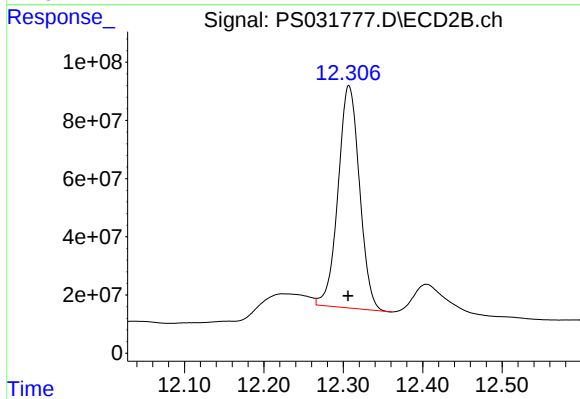
#15 Picloram

R.T.: 12.404 min
Delta R.T.: 0.024 min
Response: 321835829
Conc: 13.59 ng/ml m



#16 DCPA

R.T.: 11.652 min
Delta R.T.: -0.001 min
Response: 1554140024
Conc: 57.67 ng/ml



#16 DCPA

R.T.: 12.307 min
Delta R.T.: 0.001 min
Response: 1431821166
Conc: 59.40 ng/ml