

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS110625\
 Data File : PS032305.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2025 22:37
 Operator : AR\AJ
 Sample : Q3530-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 07 01:10:09 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	7.279	7.613	1634.3E6	1754.6E6	360.670	481.300m#
Target Compounds							
1) T	Dalapon	2.641	2.614	372.9E6	2809.0E6	51.940m	403.943m#
2) T	3,5-DICHL...	6.450	6.588	499.6E6	413.5E6	77.265	68.822
3) T	4-Nitroph...	7.112	7.196	44011984	42725415	32.785m	18.822m#
5) T	DICAMBA	7.464	7.806	1456.0E6	1329.6E6	77.178	76.979m
6) T	MCPD	7.636	7.899	35912306	77160708	3.298	5.801 #
7) T	MCPA	7.786	8.143	68878682	92438170	5.130	5.670
8) T	DICHLORPROP	8.174	8.522	459.3E6	549.8E6	103.234	115.273
9) T	2,4-D	8.421	8.875	402.3E6	595.6E6	89.157	113.536 #
10) T	Pentachlo...	8.699	9.356	6135.1E6	6352.6E6	97.787	108.216
11) T	2,4,5-TP ...	9.277	9.741	2434.0E6	3144.8E6	93.576m	117.109 #
12) T	2,4,5-T	9.580	10.181	1660.8E6	2273.9E6	69.671m	95.873 #
13) T	2,4-DB	10.162	10.749	204.3E6	396.7E6	77.521m	105.193 #
14) T	DINOSEB	11.342	11.106	1364.1E6	1123.4E6	65.557	63.512
15) T	Picloram	11.206	12.246	1338.8E6	2760.1E6	63.074	74.233
16) T	DCPA	11.639	12.138	2761.0E6	3483.8E6	82.289	109.346 #

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

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Sample : Q3530-08
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ALS Vial : 26 Sample Multiplier: 1

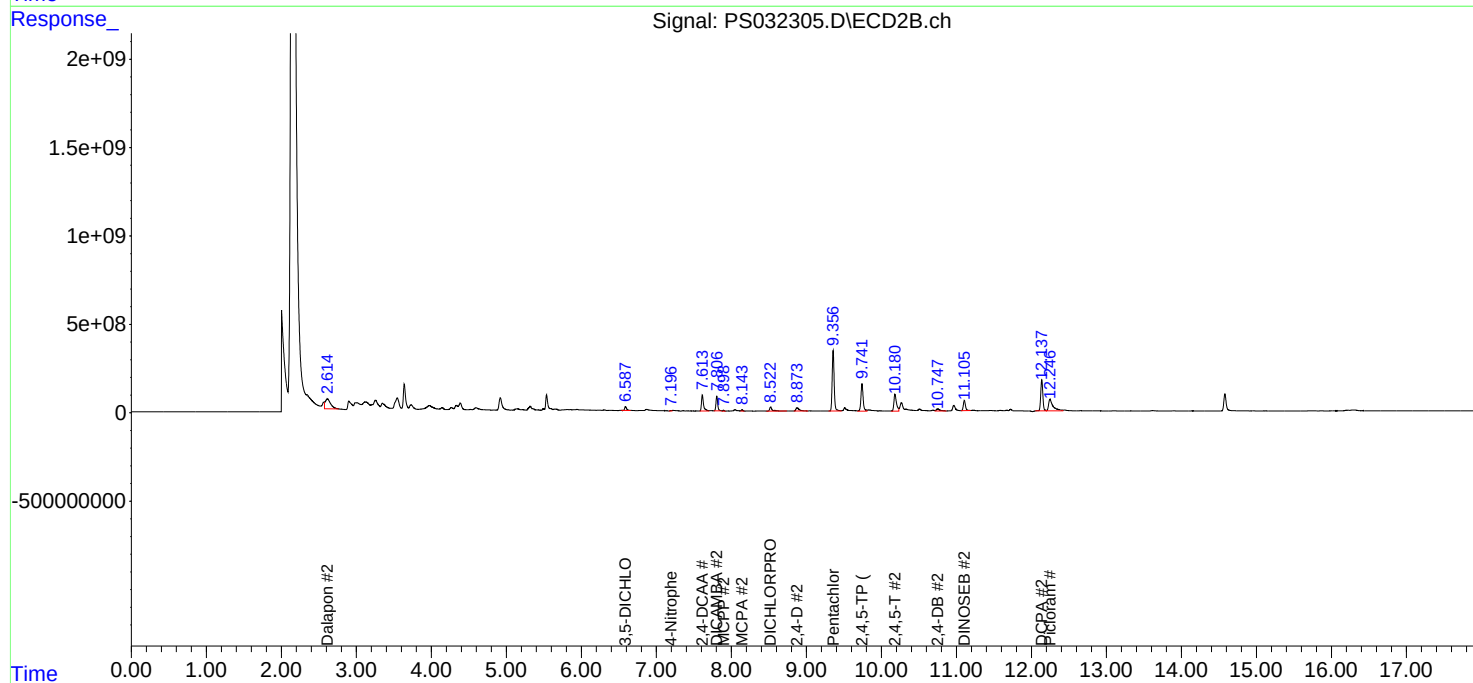
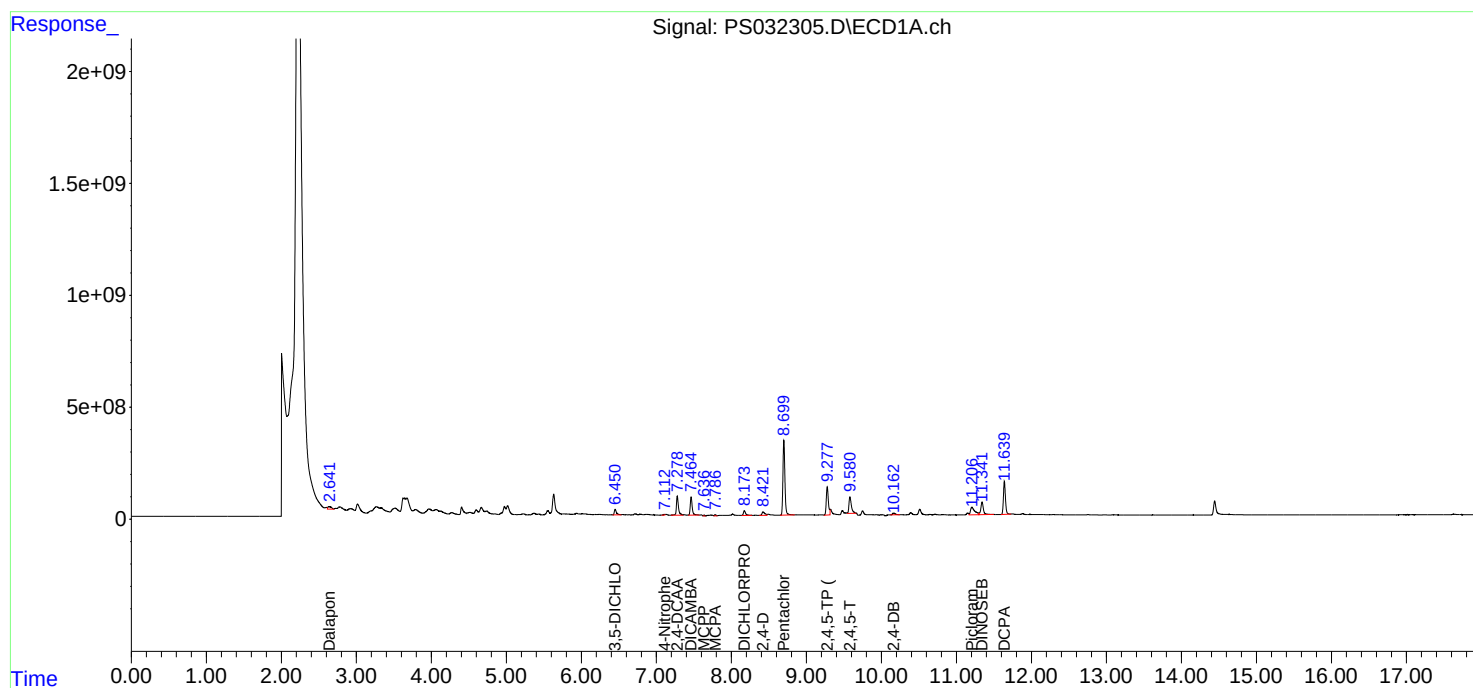
Instrument :
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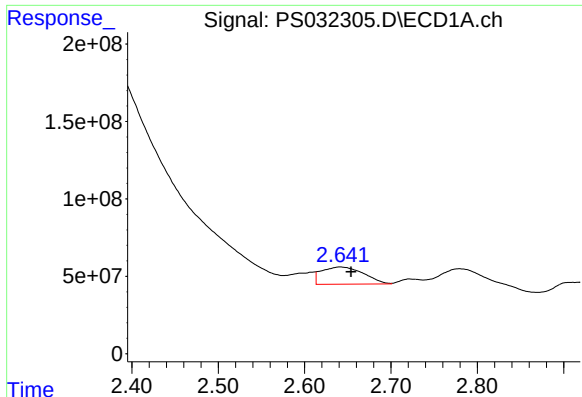
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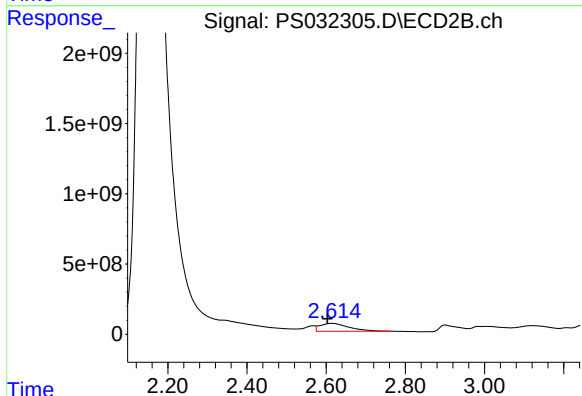
#1 Dalapon

R.T.: 2.641 min
Delta R.T.: -0.013 min
Response: 372862687
Conc: 51.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT4-2025

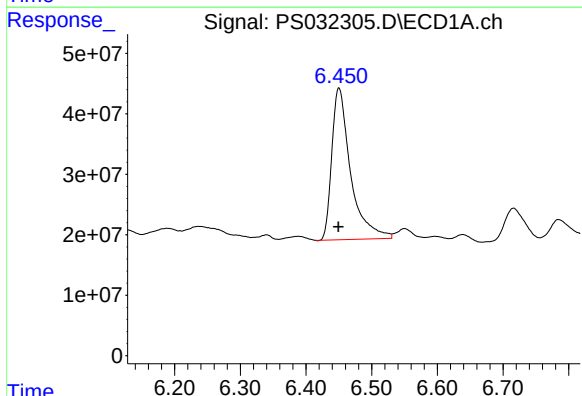
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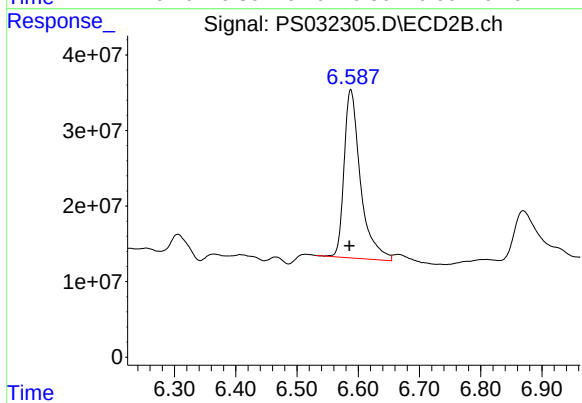
#1 Dalapon

R.T.: 2.614 min
Delta R.T.: 0.011 min
Response: 2809020563
Conc: 403.94 ng/ml m



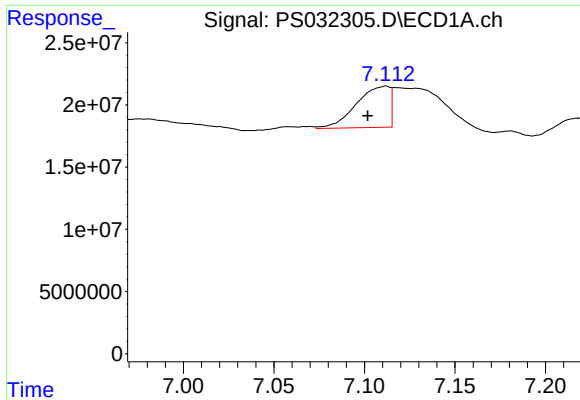
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.450 min
Delta R.T.: 0.001 min
Response: 499612003
Conc: 77.27 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.588 min
Delta R.T.: 0.003 min
Response: 413545321
Conc: 68.82 ng/ml



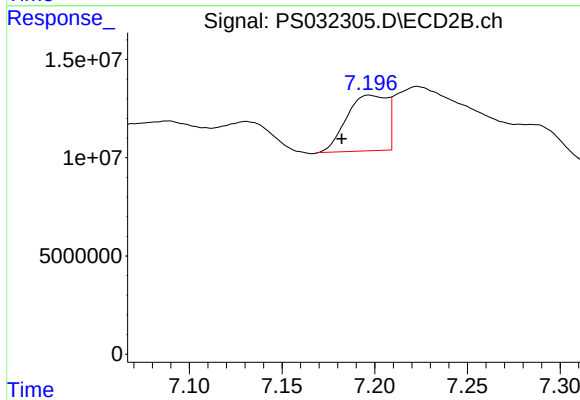
#3 4-Nitrophenol

R.T.: 7.112 min
Delta R.T.: 0.010 min
Response: 44011984
Conc: 32.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT4-2025

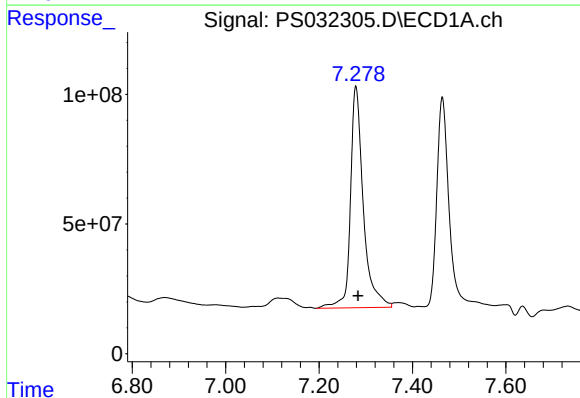
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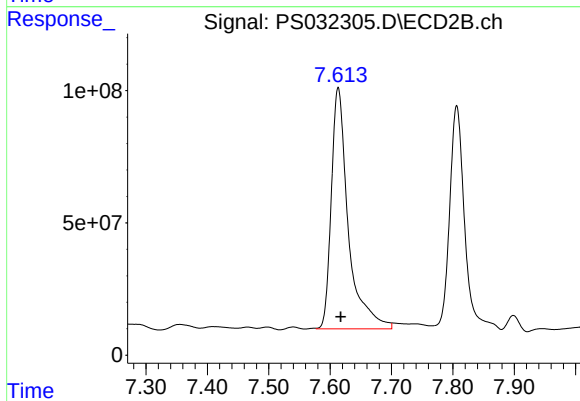
#3 4-Nitrophenol

R.T.: 7.196 min
Delta R.T.: 0.014 min
Response: 42725415
Conc: 18.82 ng/ml m



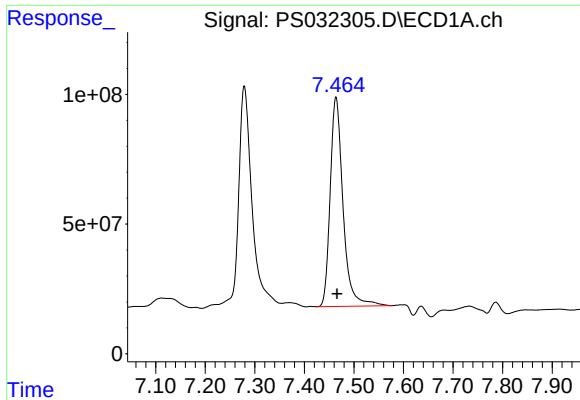
#4 2,4-DCAA

R.T.: 7.279 min
Delta R.T.: -0.004 min
Response: 1634296036
Conc: 360.67 ng/ml



#4 2,4-DCAA

R.T.: 7.613 min
Delta R.T.: -0.004 min
Response: 1754576360
Conc: 481.30 ng/ml m



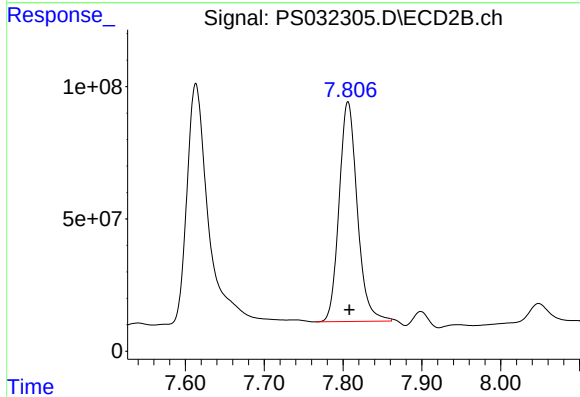
#5 DICAMBA

R.T.: 7.464 min
Delta R.T.: -0.002 min
Response: 1456049774
Conc: 77.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT4-2025

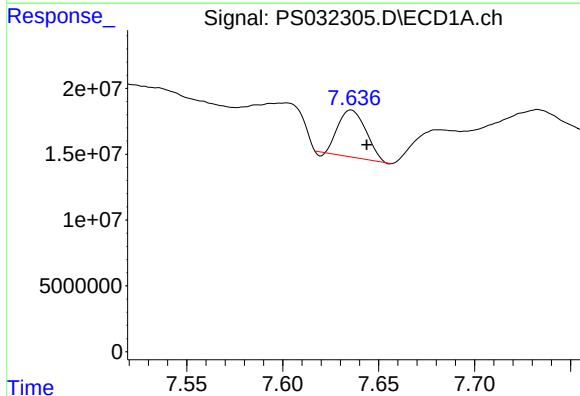
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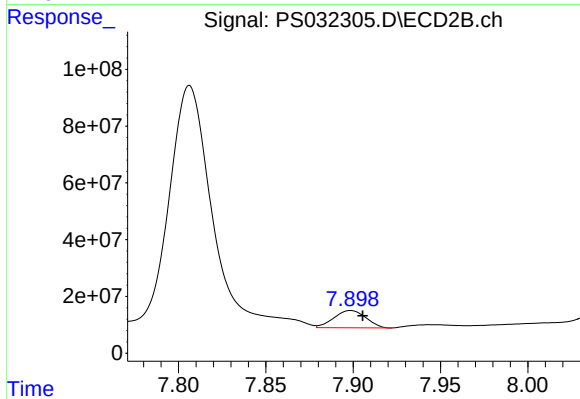
#5 DICAMBA

R.T.: 7.806 min
Delta R.T.: -0.002 min
Response: 1329616333
Conc: 76.98 ng/ml m



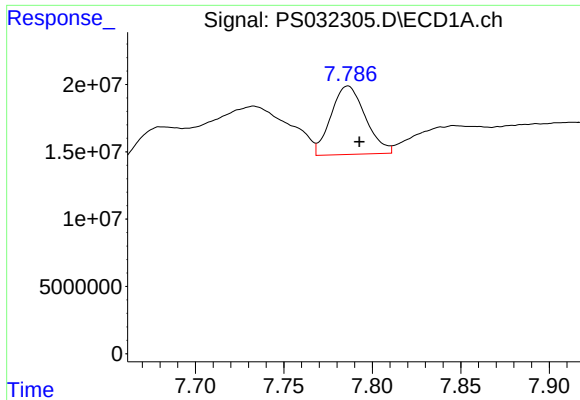
#6 MCP

R.T.: 7.636 min
Delta R.T.: -0.008 min
Response: 35912306
Conc: 3.30 ug/ml



#6 MCP

R.T.: 7.899 min
Delta R.T.: -0.007 min
Response: 77160708
Conc: 5.80 ug/ml



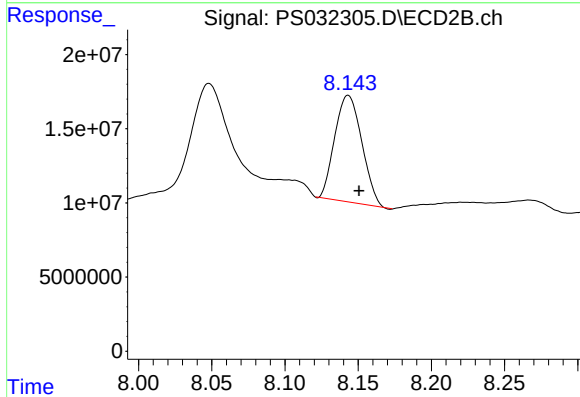
#7 MCPA

R.T.: 7.786 min
Delta R.T.: -0.006 min
Response: 68878682
Conc: 5.13 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT4-2025

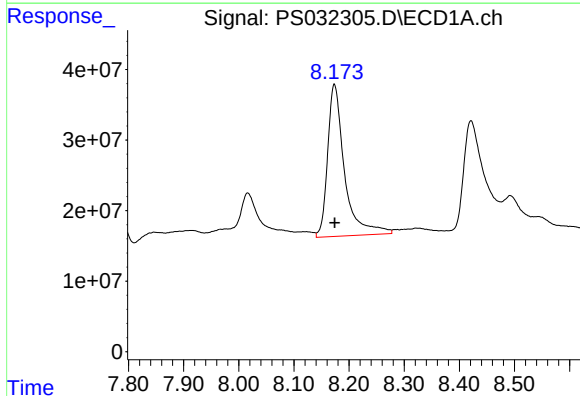
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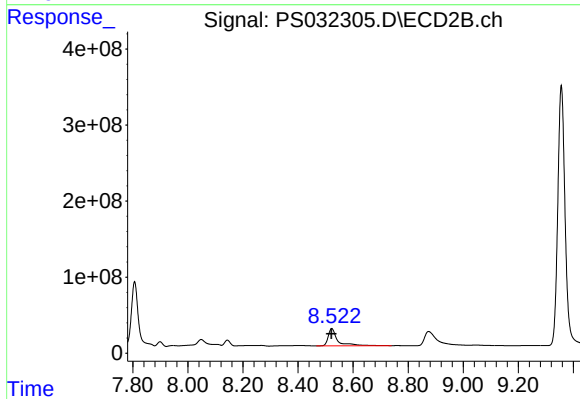
#7 MCPA

R.T.: 8.143 min
Delta R.T.: -0.007 min
Response: 92438170
Conc: 5.67 ug/ml



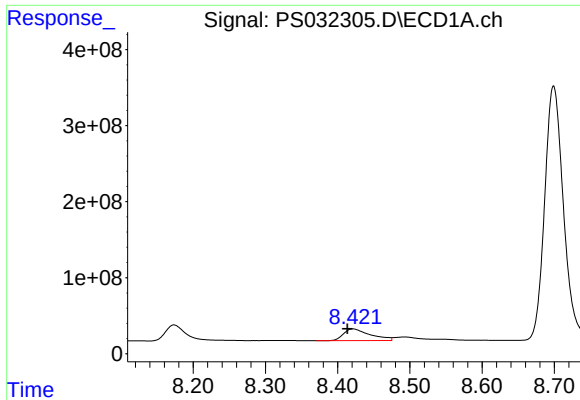
#8 DICHLORPROP

R.T.: 8.174 min
Delta R.T.: 0.000 min
Response: 459261197
Conc: 103.23 ng/ml



#8 DICHLORPROP

R.T.: 8.522 min
Delta R.T.: 0.000 min
Response: 549753255
Conc: 115.27 ng/ml



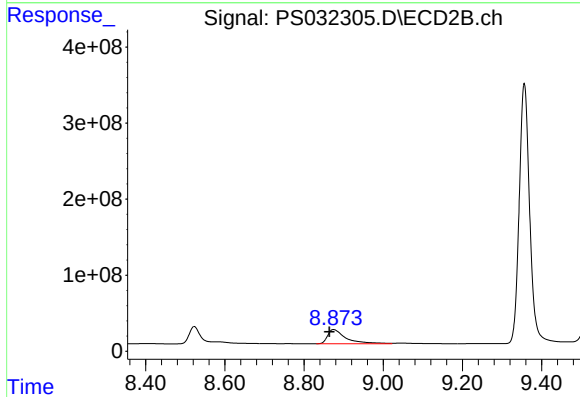
#9 2,4-D

R.T.: 8.421 min
Delta R.T.: 0.008 min
Response: 402259098
Conc: 89.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT4-2025

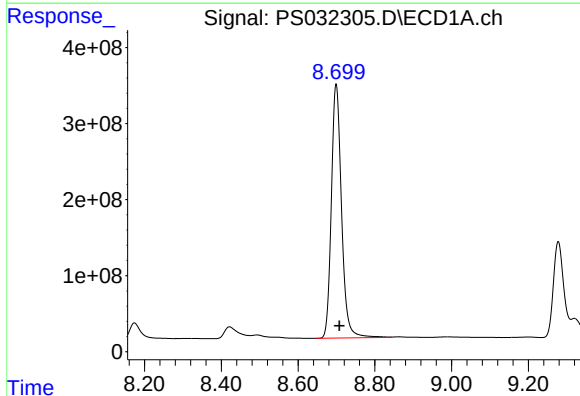
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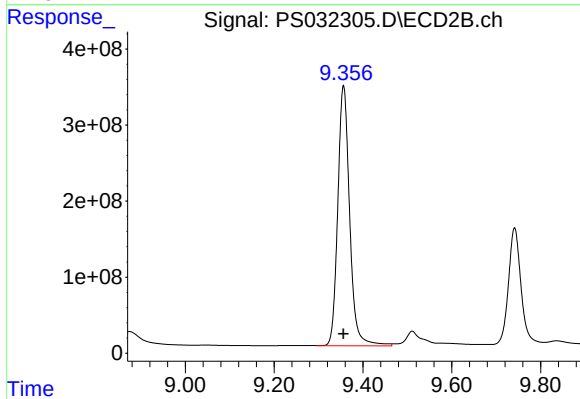
#9 2,4-D

R.T.: 8.875 min
Delta R.T.: 0.011 min
Response: 595573781
Conc: 113.54 ng/ml



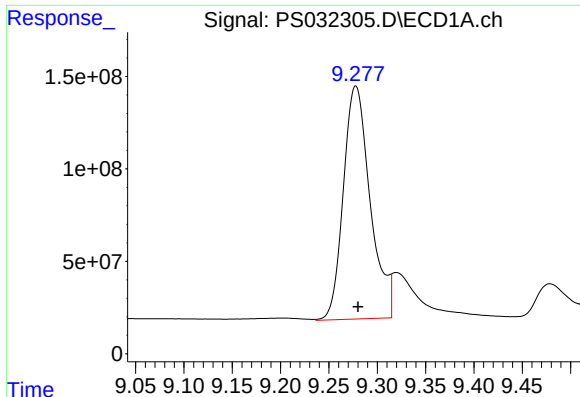
#10 Pentachlorophenol

R.T.: 8.699 min
Delta R.T.: -0.009 min
Response: 6135096995
Conc: 97.79 ng/ml



#10 Pentachlorophenol

R.T.: 9.356 min
Delta R.T.: 0.000 min
Response: 6352572257
Conc: 108.22 ng/ml



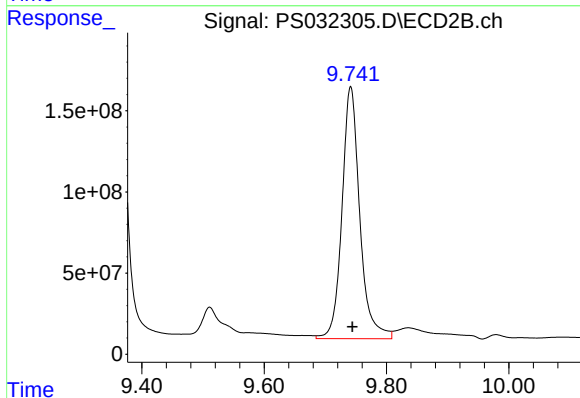
#11 2,4,5-TP (SILVEX)

R.T.: 9.277 min
Delta R.T.: -0.003 min
Response: 2434045742
Conc: 93.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT4-2025

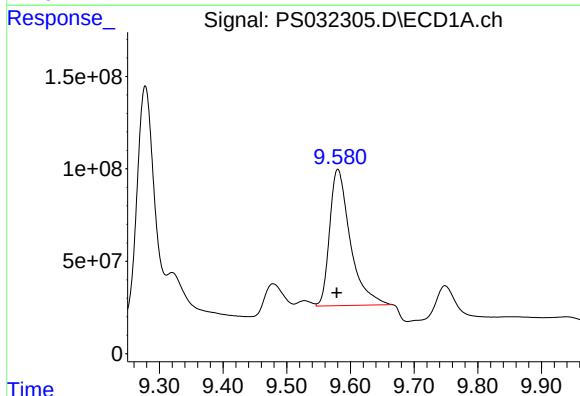
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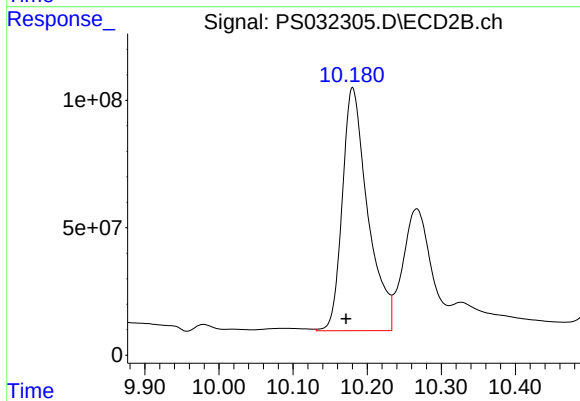
#11 2,4,5-TP (SILVEX)

R.T.: 9.741 min
Delta R.T.: -0.003 min
Response: 3144824191
Conc: 117.11 ng/ml



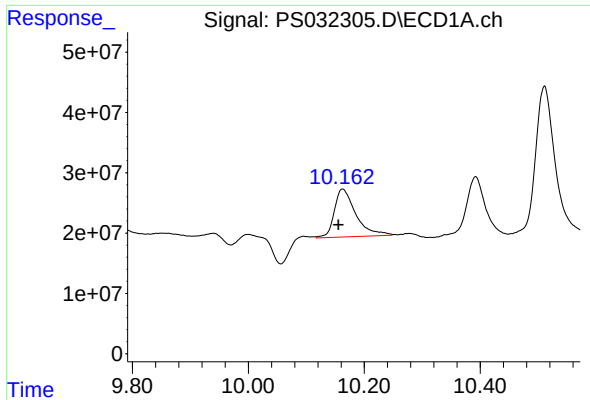
#12 2,4,5-T

R.T.: 9.580 min
Delta R.T.: 0.001 min
Response: 1660839008
Conc: 69.67 ng/ml m



#12 2,4,5-T

R.T.: 10.181 min
Delta R.T.: 0.009 min
Response: 2273912313
Conc: 95.87 ng/ml



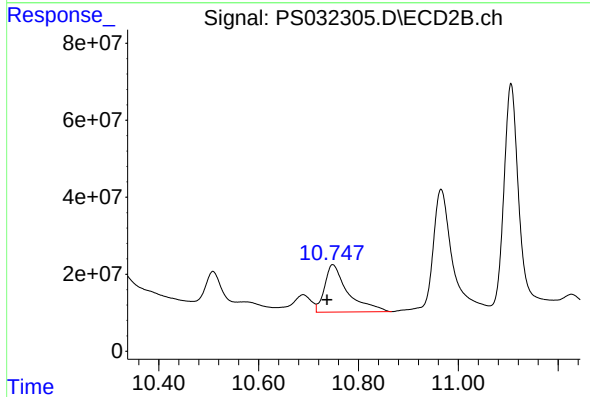
#13 2,4-DB

R.T.: 10.162 min
Delta R.T.: 0.006 min
Response: 204277152
Conc: 77.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT4-2025

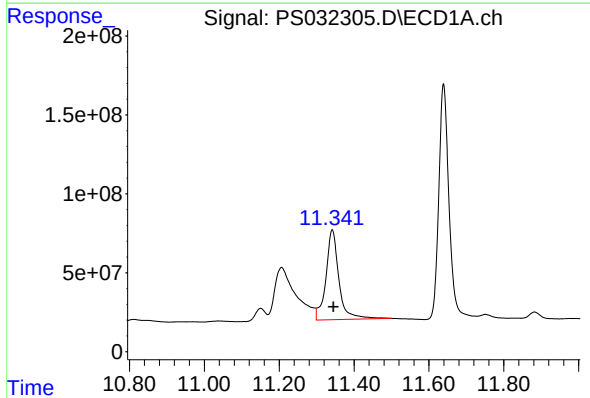
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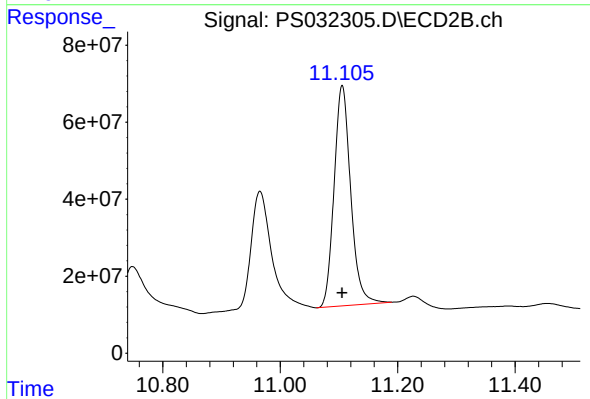
#13 2,4-DB

R.T.: 10.749 min
Delta R.T.: 0.012 min
Response: 396719741
Conc: 105.19 ng/ml



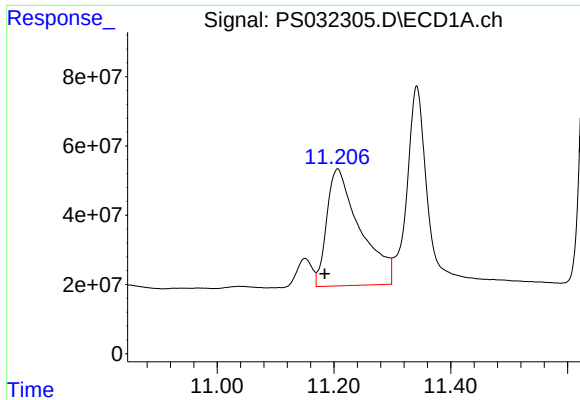
#14 DINOSEB

R.T.: 11.342 min
Delta R.T.: -0.003 min
Response: 1364087152
Conc: 65.56 ng/ml



#14 DINOSEB

R.T.: 11.106 min
Delta R.T.: 0.000 min
Response: 1123366922
Conc: 63.51 ng/ml



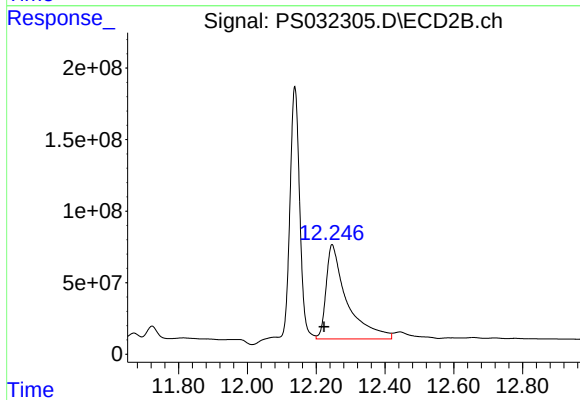
#15 Picloram

R.T.: 11.206 min
Delta R.T.: 0.022 min
Response: 1338780846
Conc: 63.07 ng/ml

Instrument :
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ClientSampleId :
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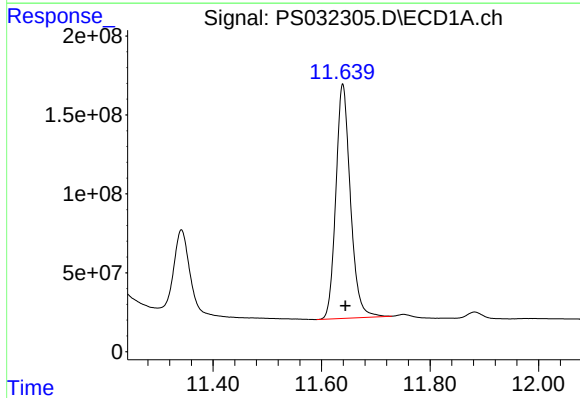
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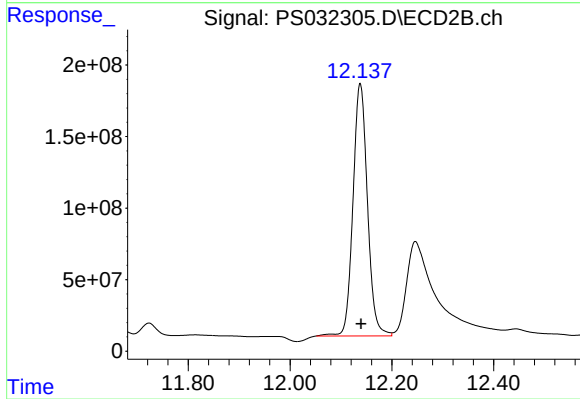
#15 Picloram

R.T.: 12.246 min
Delta R.T.: 0.023 min
Response: 2760135598
Conc: 74.23 ng/ml



#16 DCPA

R.T.: 11.639 min
Delta R.T.: -0.005 min
Response: 2760974815
Conc: 82.29 ng/ml



#16 DCPA

R.T.: 12.138 min
Delta R.T.: -0.002 min
Response: 3483820418
Conc: 109.35 ng/ml