

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090425\
 Data File : PS031630.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Sep 2025 13:59
 Operator : AR\AJ
 Sample : Q2893-07
 Misc : LOD WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/05/2025
 Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 04:07:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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	7.743	1546.2E6	445.3E6	487.140	526.808
Target Compounds							
1) T	Dalapon	2.668	2.666f	536.9E6	823.8E6	102.295	309.568 #
2) T	3,5-DICHL...	6.456	6.701	458.1E6	127.6E6	97.080	94.358m
3) T	4-Nitroph...	7.105	7.324f	84707989	65265616	82.107	51.926 #
5) T	DICAMBA	7.471	7.940	1311.5E6	504.6E6	93.904	88.792m
6) T	MCPD	7.644	8.032	39196836	6144210	4.872m	3.476m#
7) T	MCPA	7.795	8.279	67765700	12648876	6.803	4.509 #
8) T	DICHLORPROP	8.179	8.661	380.9E6	155.3E6	120.064	116.342m
9) T	2,4-D	8.423	9.015	312.5E6	173.0E6	108.623	121.188
10) T	Pentachlo...	8.709	9.510	5260.0E6	3448.5E6	109.555	99.013
11) T	2,4,5-TP ...	9.288	9.893	2110.3E6	1589.0E6	117.740	121.149
12) T	2,4,5-T	9.587	10.332	1218.4E6	1034.8E6	83.157m	87.404m
13) T	2,4-DB	10.166	10.904	176.0E6	74432986	91.584m	77.145
14) T	DINOSEB	11.357	11.268	1181.8E6	851.5E6	93.217m	90.041
15) T	Picloram	11.208	12.415	666.4E6	928.2E6	51.047	52.951m
16) T	DCPA	11.652	12.309	1806.2E6	2079.1E6	79.290m	105.534m#

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

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Misc : LOD WATER
ALS Vial : 10 Sample Multiplier: 1

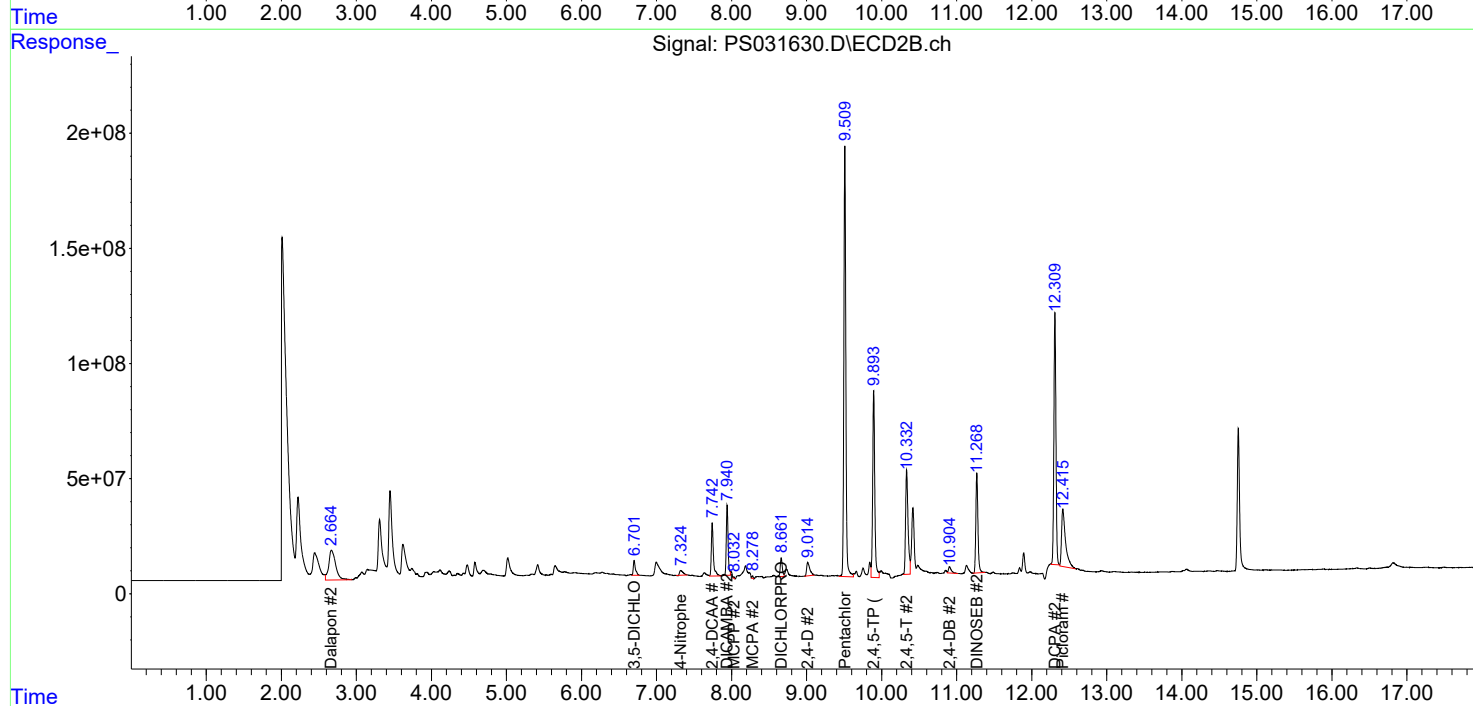
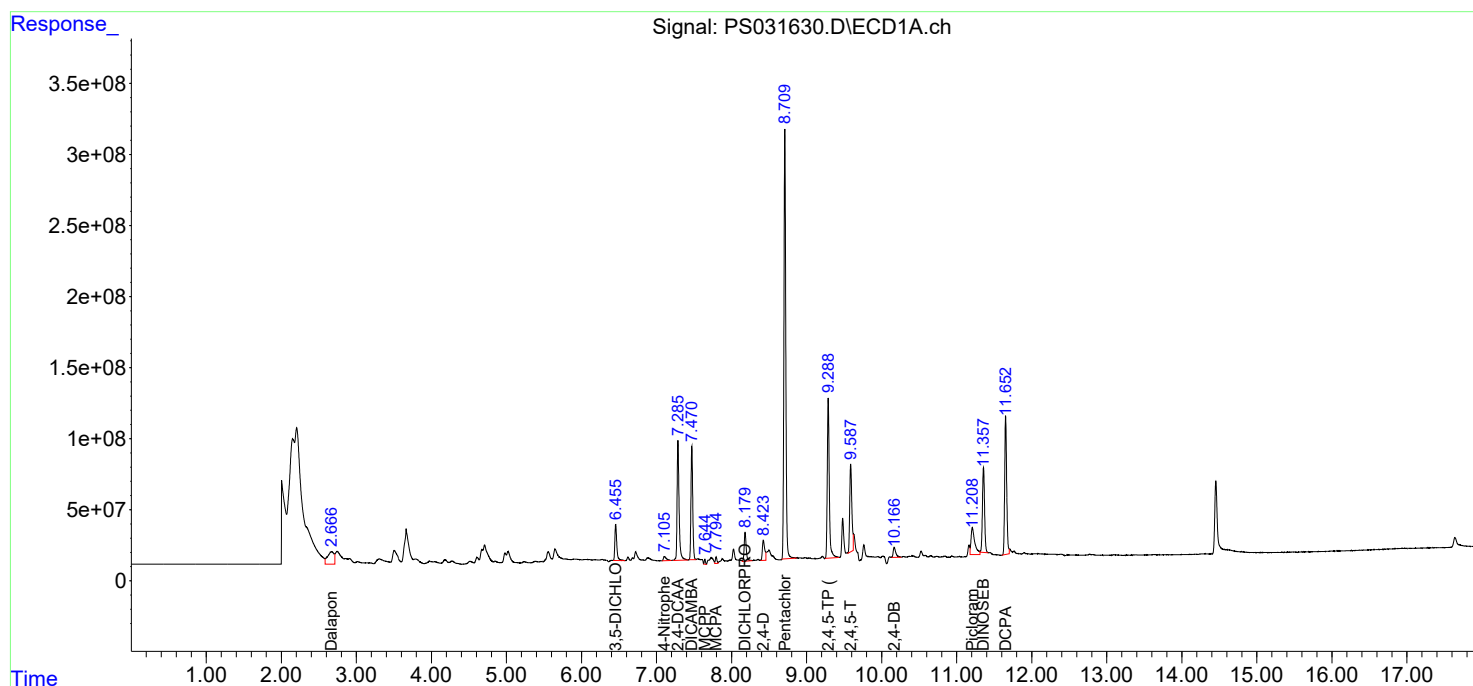
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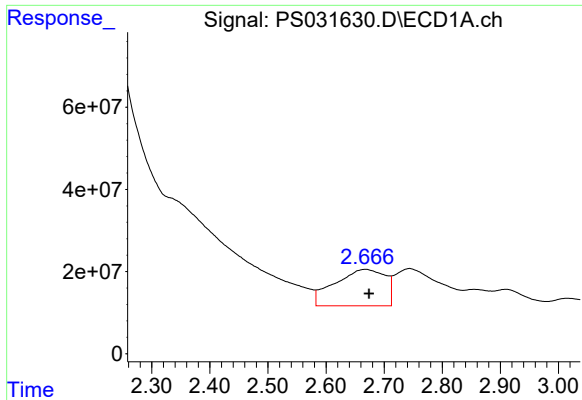
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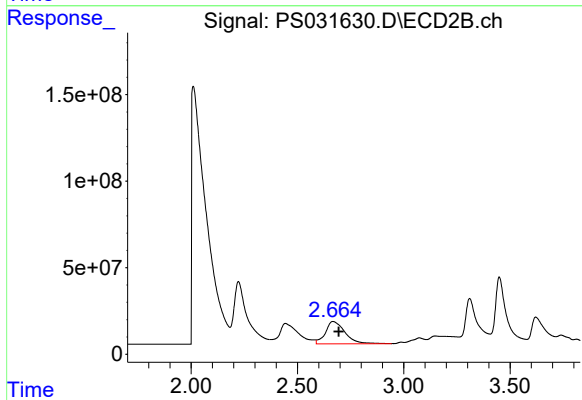
#1 Dalapon

R.T.: 2.668 min
Delta R.T.: -0.006 min
Response: 536941869
Conc: 102.30 ng/ml

Instrument :
ECD_S
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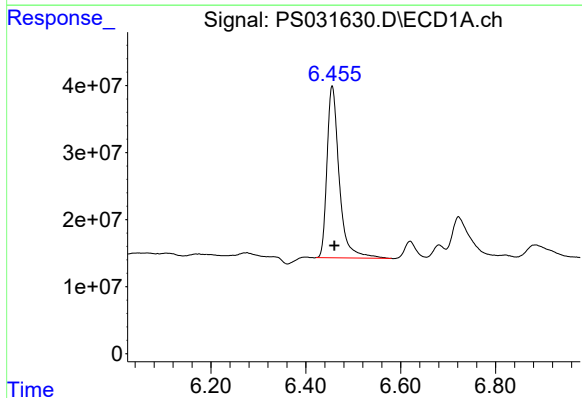
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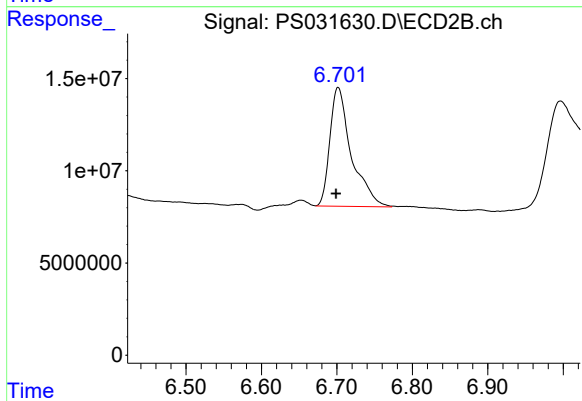
#1 Dalapon

R.T.: 2.666 min
Delta R.T.: -0.028 min
Response: 823762750
Conc: 309.57 ng/ml



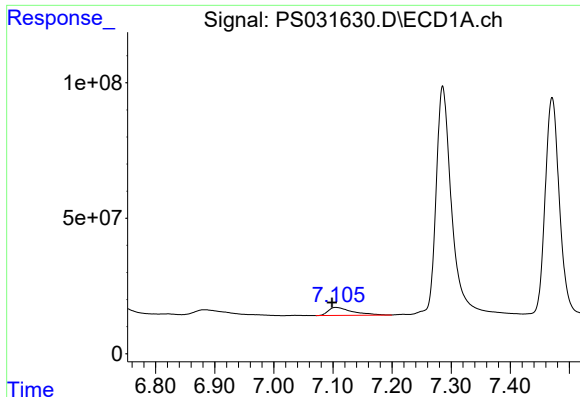
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.456 min
Delta R.T.: -0.005 min
Response: 458053169
Conc: 97.08 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.701 min
Delta R.T.: 0.002 min
Response: 127565131
Conc: 94.36 ng/ml m



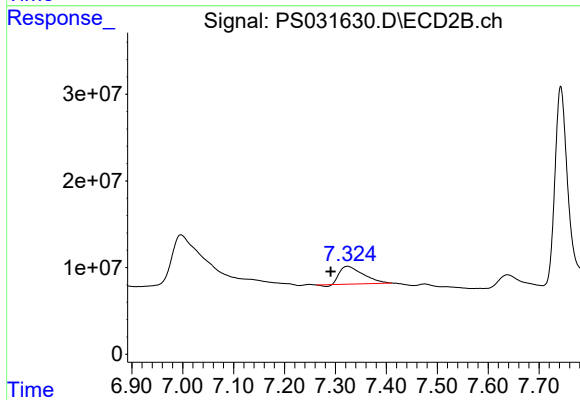
#3 4-Nitrophenol

R.T.: 7.105 min
Delta R.T.: 0.006 min
Response: 84707989
Conc: 82.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
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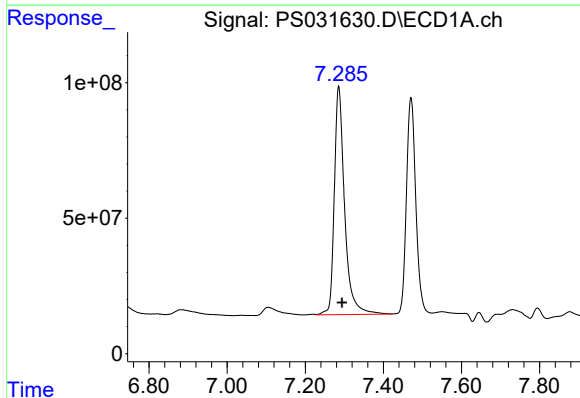
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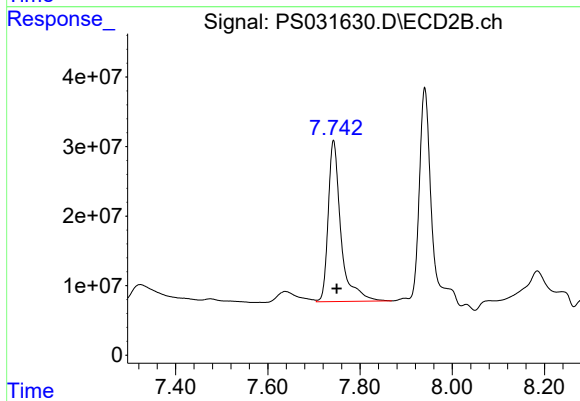
#3 4-Nitrophenol

R.T.: 7.324 min
Delta R.T.: 0.033 min
Response: 65265616
Conc: 51.93 ng/ml



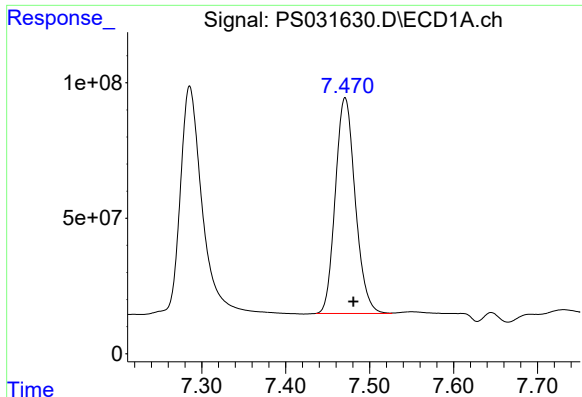
#4 2,4-DCAA

R.T.: 7.286 min
Delta R.T.: -0.009 min
Response: 1546176647
Conc: 487.14 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: -0.007 min
Response: 445332034
Conc: 526.81 ng/ml



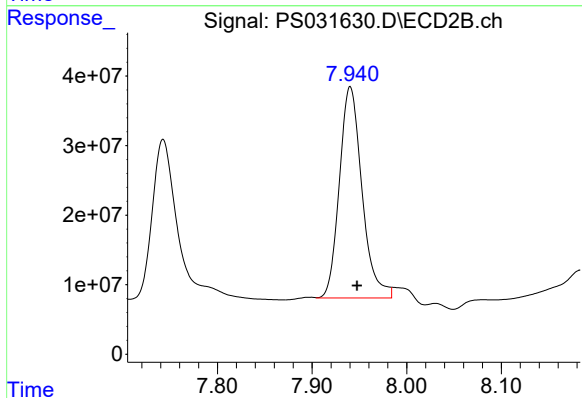
#5 DICAMBA

R.T.: 7.471 min
Delta R.T.: -0.010 min
Response: 1311509177
Conc: 93.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
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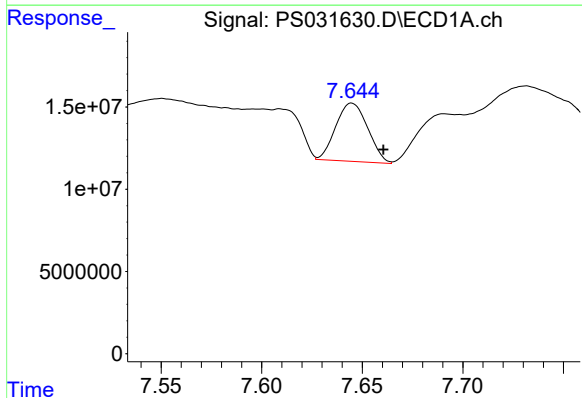
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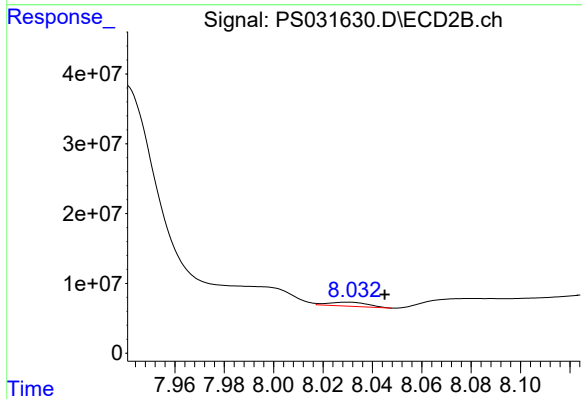
#5 DICAMBA

R.T.: 7.940 min
Delta R.T.: -0.008 min
Response: 504578899
Conc: 88.79 ng/ml m



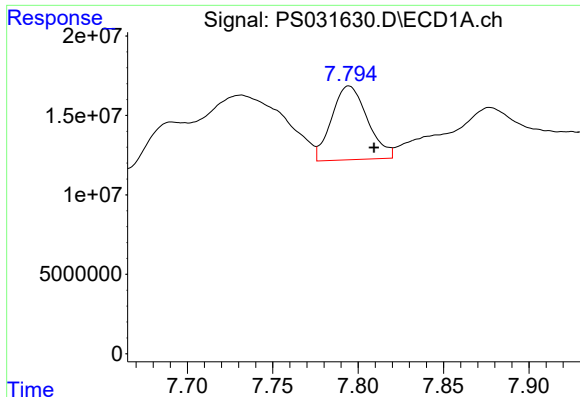
#6 MCPP

R.T.: 7.644 min
Delta R.T.: -0.016 min
Response: 39196836
Conc: 4.87 ug/ml m



#6 MCPP

R.T.: 8.032 min
Delta R.T.: -0.013 min
Response: 6144210
Conc: 3.48 ug/ml m



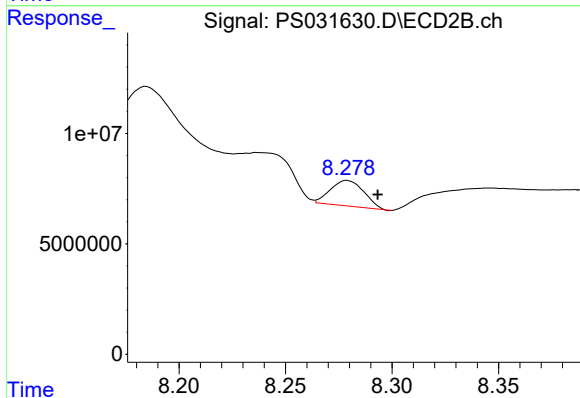
#7 MCPA

R.T.: 7.795 min
Delta R.T.: -0.015 min
Response: 67765700
Conc: 6.80 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

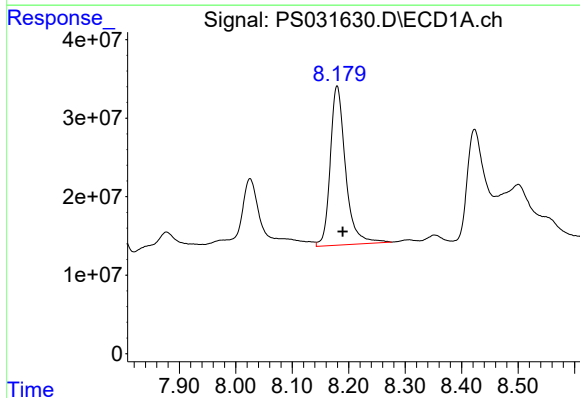
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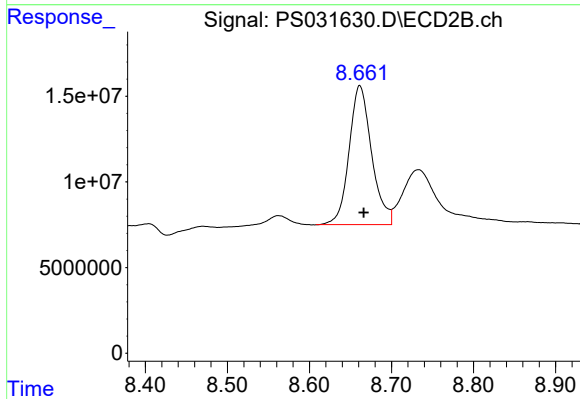
#7 MCPA

R.T.: 8.279 min
Delta R.T.: -0.014 min
Response: 12648876
Conc: 4.51 ug/ml



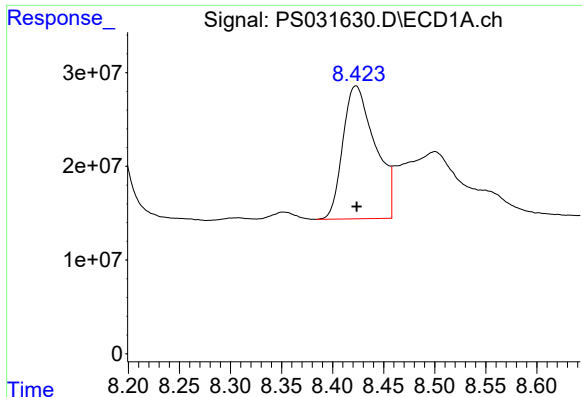
#8 DICHLORPROP

R.T.: 8.179 min
Delta R.T.: -0.010 min
Response: 380895104
Conc: 120.06 ng/ml



#8 DICHLORPROP

R.T.: 8.661 min
Delta R.T.: -0.005 min
Response: 155320874
Conc: 116.34 ng/ml m



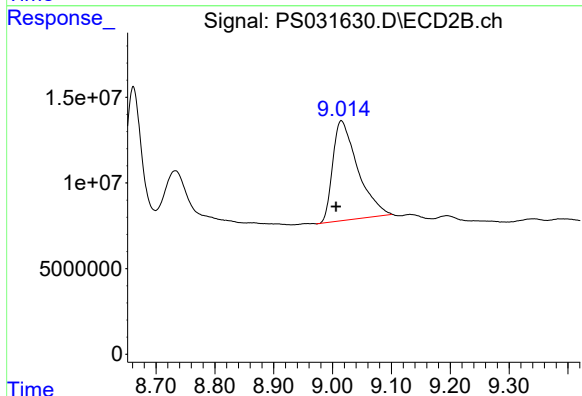
#9 2,4-D

R.T.: 8.423 min
Delta R.T.: 0.000 min
Response: 312488666
Conc: 108.62 ng/ml

Instrument :
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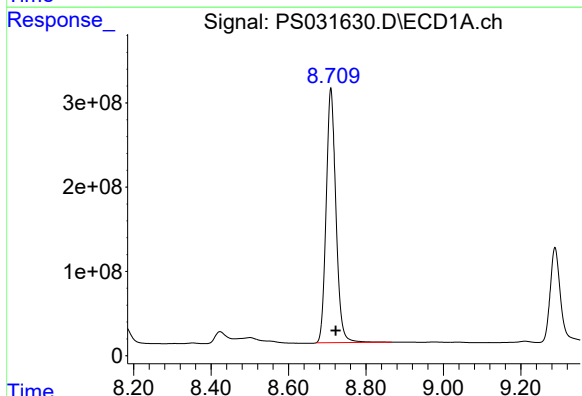
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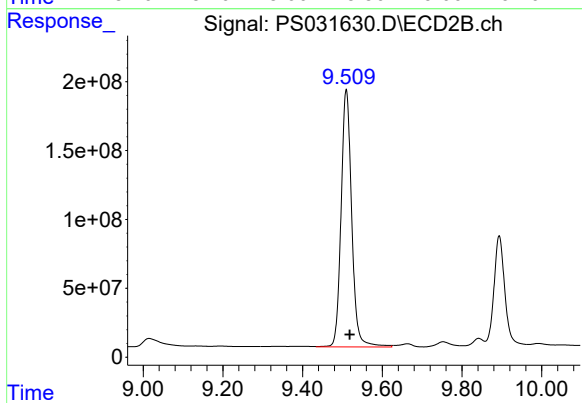
#9 2,4-D

R.T.: 9.015 min
Delta R.T.: 0.010 min
Response: 172969348
Conc: 121.19 ng/ml



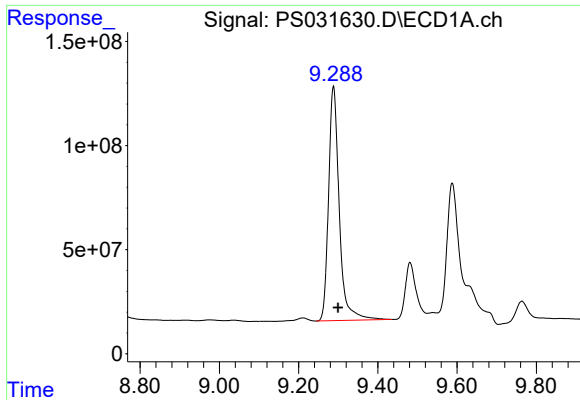
#10 Pentachlorophenol

R.T.: 8.709 min
Delta R.T.: -0.013 min
Response: 5260010542
Conc: 109.56 ng/ml



#10 Pentachlorophenol

R.T.: 9.510 min
Delta R.T.: -0.009 min
Response: 3448480280
Conc: 99.01 ng/ml



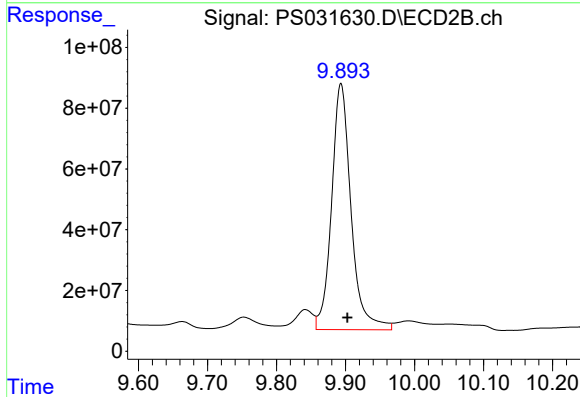
#11 2,4,5-TP (SILVEX)

R.T.: 9.288 min
Delta R.T.: -0.012 min
Response: 2110332658
Conc: 117.74 ng/ml

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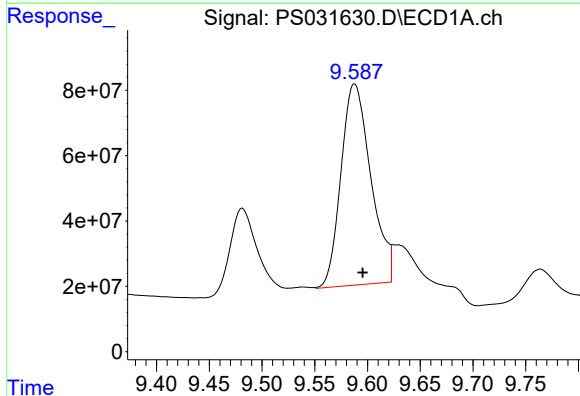
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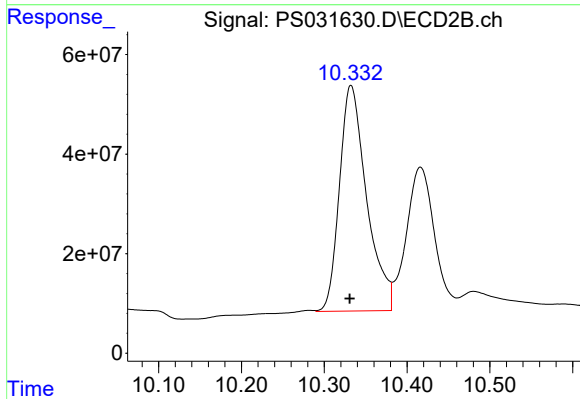
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: -0.009 min
Response: 1588997964
Conc: 121.15 ng/ml



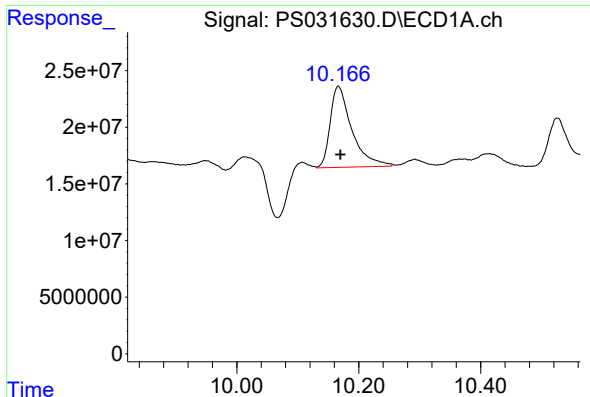
#12 2,4,5-T

R.T.: 9.587 min
Delta R.T.: -0.008 min
Response: 1218356728
Conc: 83.16 ng/ml m



#12 2,4,5-T

R.T.: 10.332 min
Delta R.T.: 0.000 min
Response: 1034837788
Conc: 87.40 ng/ml m



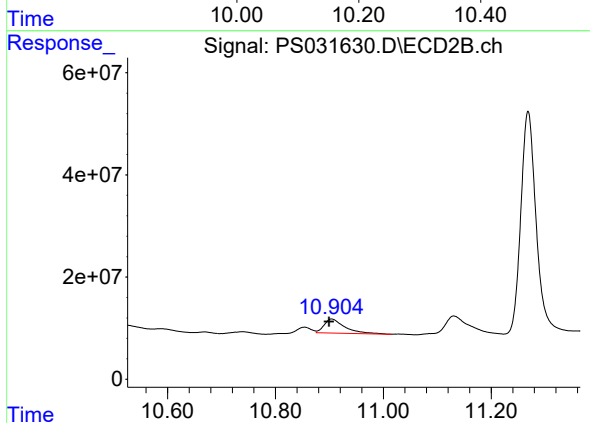
#13 2,4-DB

R.T.: 10.166 min
Delta R.T.: -0.004 min
Response: 175998155
Conc: 91.58 ng/ml

Instrument :
ECD_S
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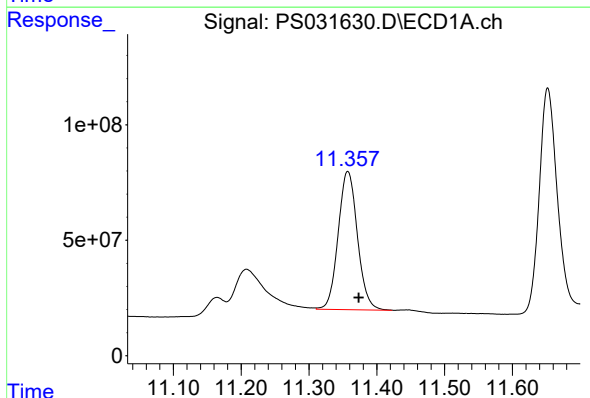
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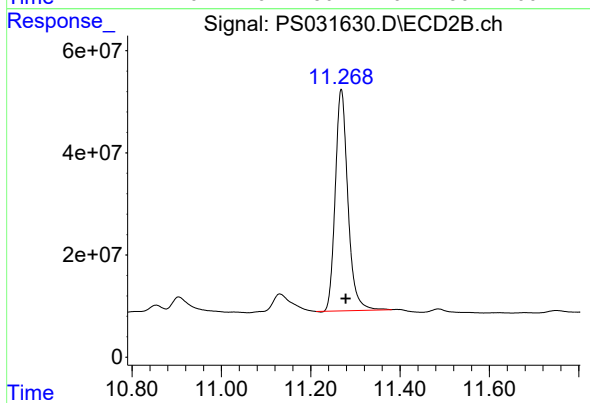
#13 2,4-DB

R.T.: 10.904 min
Delta R.T.: 0.005 min
Response: 74432986
Conc: 77.14 ng/ml



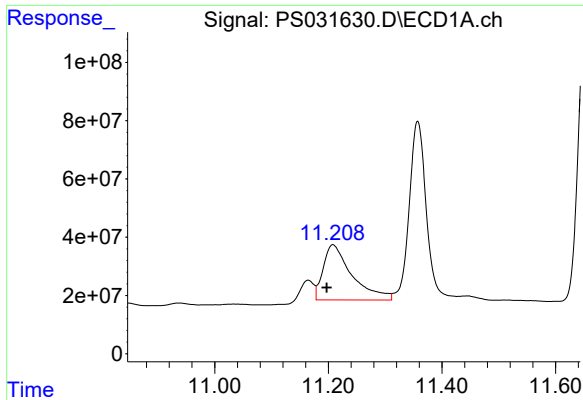
#14 DINOSEB

R.T.: 11.357 min
Delta R.T.: -0.017 min
Response: 1181844083
Conc: 93.22 ng/ml m



#14 DINOSEB

R.T.: 11.268 min
Delta R.T.: -0.010 min
Response: 851509454
Conc: 90.04 ng/ml



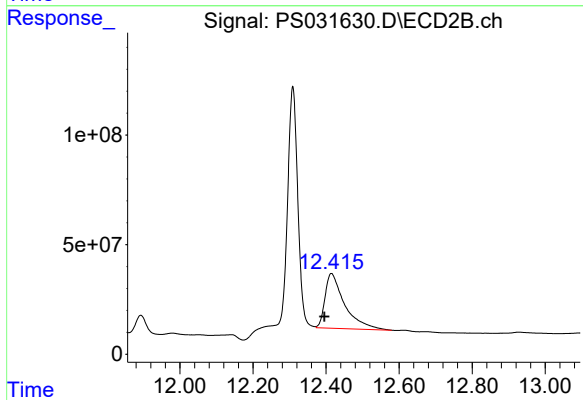
#15 Picloram

R.T.: 11.208 min
Delta R.T.: 0.011 min
Response: 666371336
Conc: 51.05 ng/ml

Instrument :
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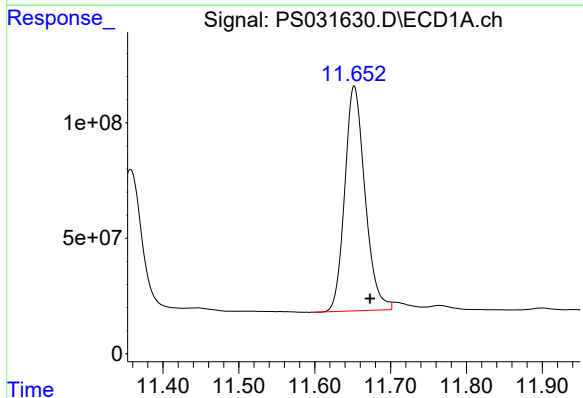
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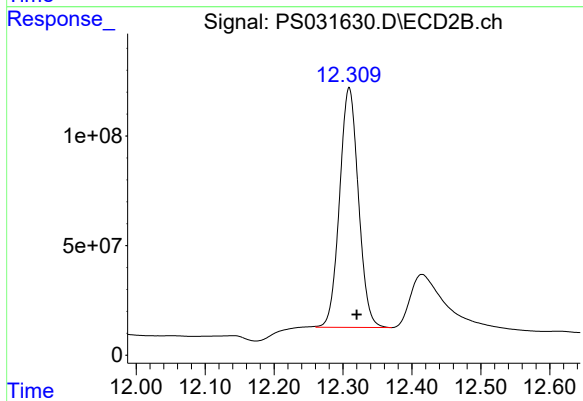
#15 Picloram

R.T.: 12.415 min
Delta R.T.: 0.020 min
Response: 928209944
Conc: 52.95 ng/ml m



#16 DCPA

R.T.: 11.652 min
Delta R.T.: -0.021 min
Response: 1806171486
Conc: 79.29 ng/ml m



#16 DCPA

R.T.: 12.309 min
Delta R.T.: -0.011 min
Response: 2079065801
Conc: 105.53 ng/ml m