

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS110624\
 Data File : PS028318.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Nov 2024 13:28
 Operator : AR\AJ
 Sample : P4368-07
 Misc : LOD 100PPB
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/08/2024
 Supervised By :Ankita Jodhani 11/08/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 03:13:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS110624.M
 Quant Title : 8080.M
 QLast Update : Wed Nov 06 11:48:19 2024
 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	7.256	7.760	1041.7E6	603.1E6	406.684	346.250
Target Compounds							
1) T	Dalapon	2.649	2.707	319.1E6	285.4E6	89.644	96.988
2) T	3,5-DICHL...	6.425	6.711	436.2E6	248.3E6	116.358	98.090
3) T	4-Nitroph...	7.055	7.287	186.5E6	112.9E6	113.226	98.523
5) T	DICAMBA	7.445	7.961	1218.9E6	703.3E6	108.551	87.558
6) T	MCPD	7.623	8.059	55883795	53258129	7.370m	8.772
7) T	MCPA	7.773	8.303	92034315	87260540	8.840	10.465
8) T	DICHLORPROP	8.155	8.679	352.0E6	195.1E6	124.853	97.125
9) T	2,4-D	8.386	9.010	389.5E6	215.4E6	123.420	96.599
10) T	Pentachlo...	8.687	9.541	4983.8E6	2724.5E6	119.911	93.416
11) T	2,4,5-TP ...	9.268	9.917	1997.9E6	1150.4E6	117.344	92.458
12) T	2,4,5-T	9.561	10.339	1985.1E6	1124.6E6	114.512	91.680
13) T	2,4-DB	10.139	10.907	325.4E6	140.8E6	115.116	88.814
14) T	DINOSEB	11.354	11.286	1641.1E6	766.9E6	113.497	87.935
15) T	Picloram	11.159	12.386	2917.1E6	1309.0E6	100.594	72.593 #
16) T	DCPA	11.647	12.332	2728.6E6	1197.1E6	114.842	85.444 #

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

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Sample : P4368-07
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ALS Vial : 89 Sample Multiplier: 1

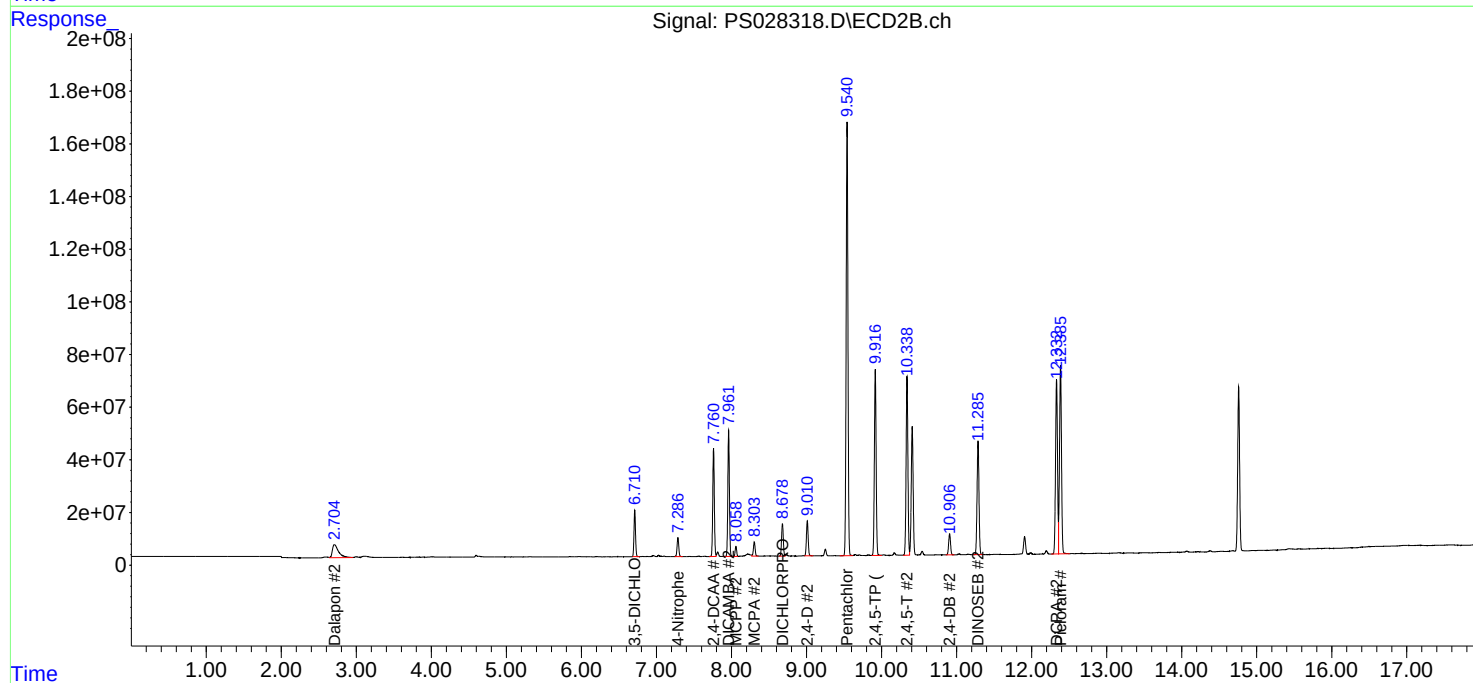
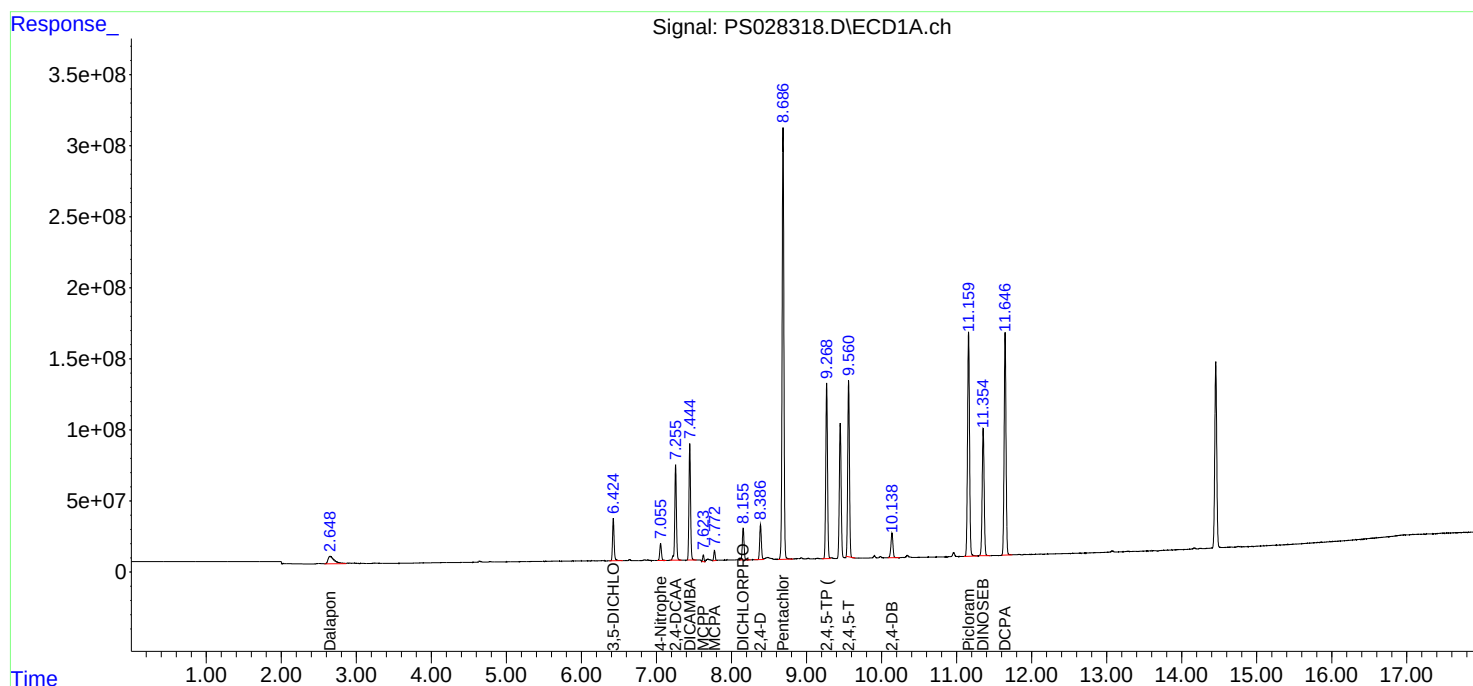
Instrument :
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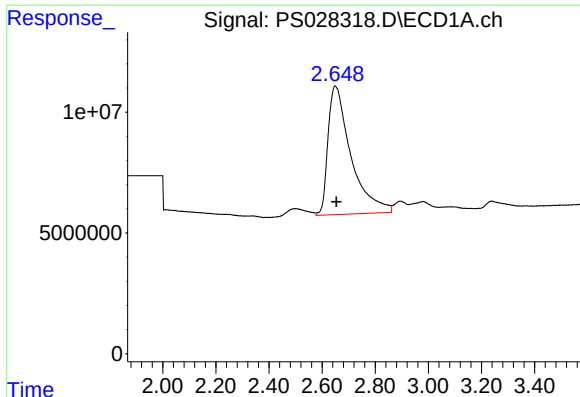
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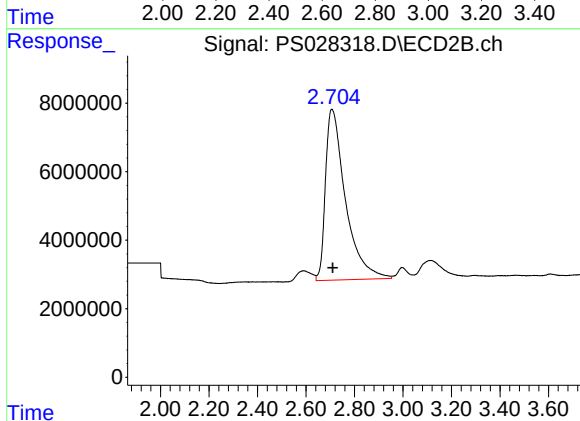
#1 Dalapon

R.T.: 2.649 min
Delta R.T.: -0.005 min
Response: 319060344
Conc: 89.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
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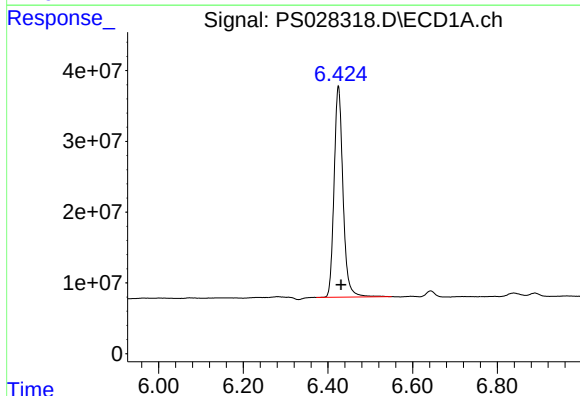
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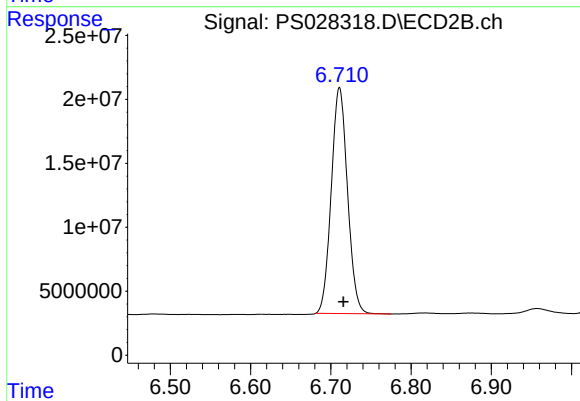
#1 Dalapon

R.T.: 2.707 min
Delta R.T.: -0.003 min
Response: 285386547
Conc: 96.99 ng/ml



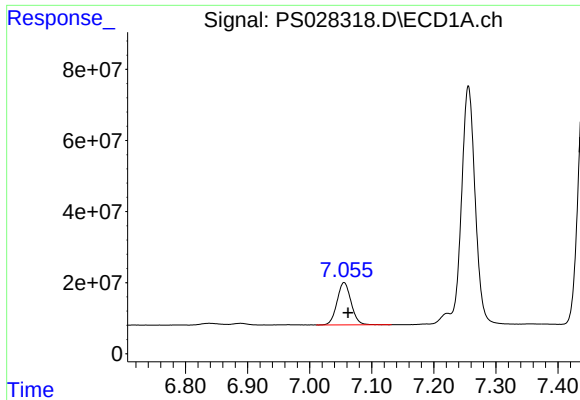
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.425 min
Delta R.T.: -0.006 min
Response: 436202297
Conc: 116.36 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.711 min
Delta R.T.: -0.005 min
Response: 248257589
Conc: 98.09 ng/ml



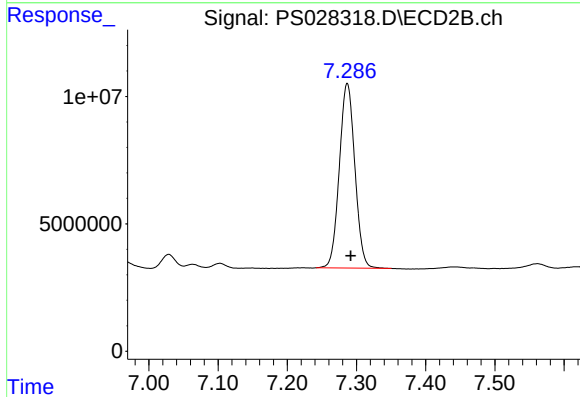
#3 4-Nitrophenol

R.T.: 7.055 min
Delta R.T.: -0.007 min
Response: 186547318
Conc: 113.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
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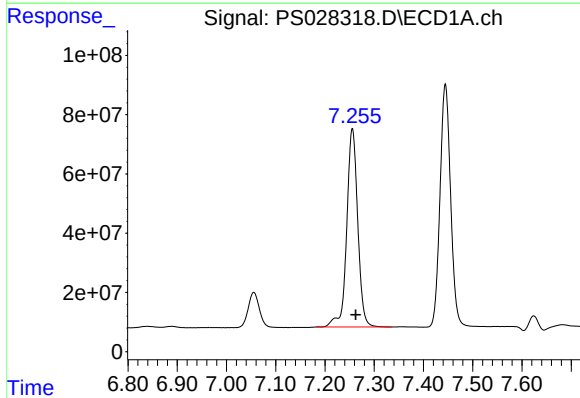
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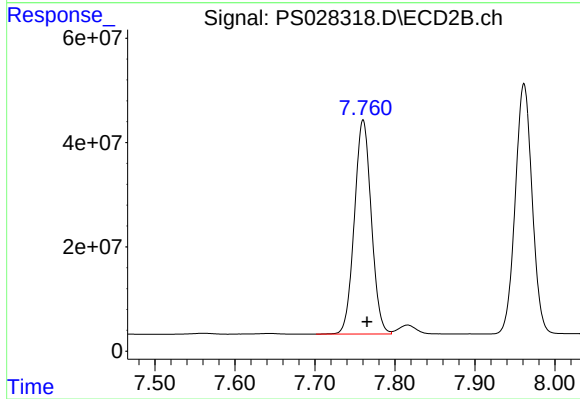
#3 4-Nitrophenol

R.T.: 7.287 min
Delta R.T.: -0.005 min
Response: 112901434
Conc: 98.52 ng/ml



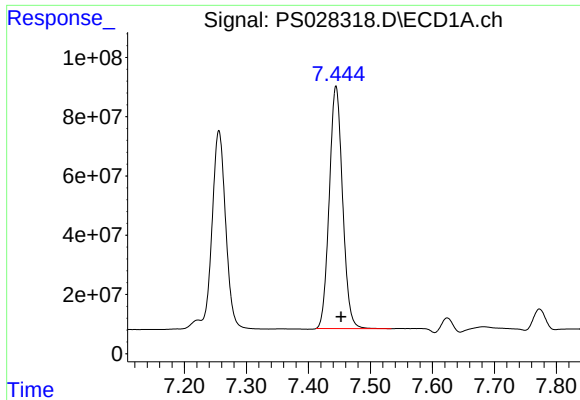
#4 2,4-DCAA

R.T.: 7.256 min
Delta R.T.: -0.007 min
Response: 1041687096
Conc: 406.68 ng/ml



#4 2,4-DCAA

R.T.: 7.760 min
Delta R.T.: -0.005 min
Response: 603091299
Conc: 346.25 ng/ml



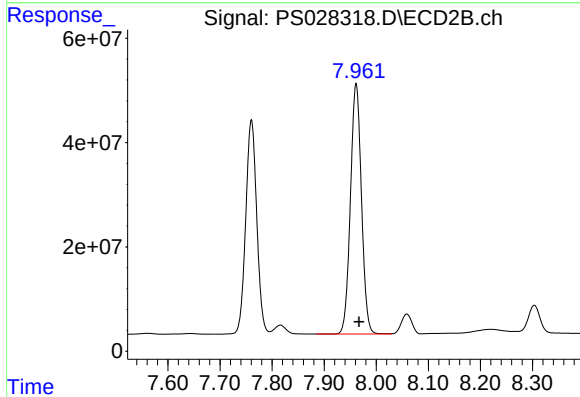
#5 DICAMBA

R.T.: 7.445 min
Delta R.T.: -0.008 min
Response: 1218863582
Conc: 108.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

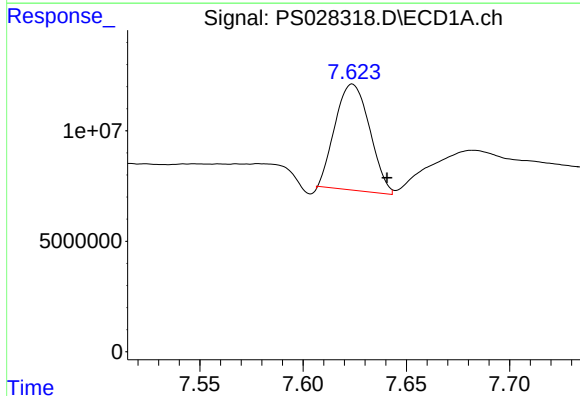
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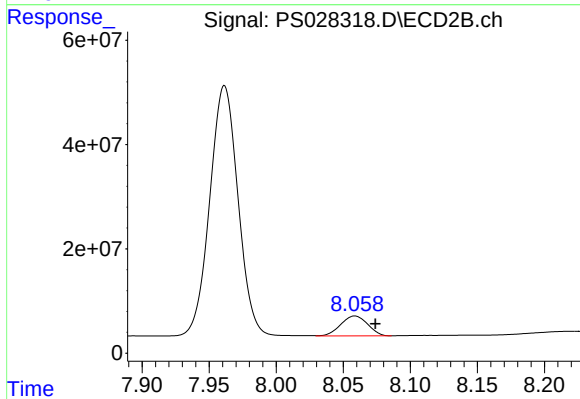
#5 DICAMBA

R.T.: 7.961 min
Delta R.T.: -0.006 min
Response: 703312288
Conc: 87.56 ng/ml



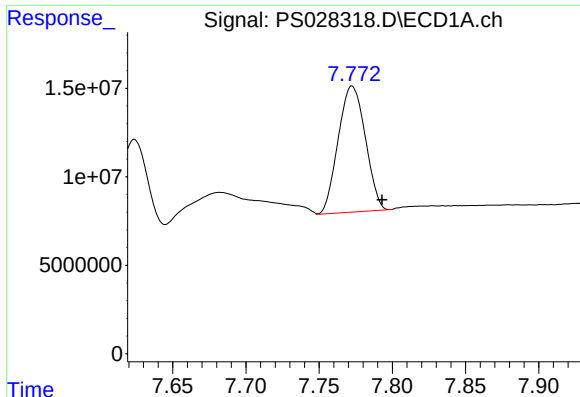
#6 MCP

R.T.: 7.623 min
Delta R.T.: -0.017 min
Response: 55883795
Conc: 7.37 ug/ml m



#6 MCP

R.T.: 8.059 min
Delta R.T.: -0.015 min
Response: 53258129
Conc: 8.77 ug/ml



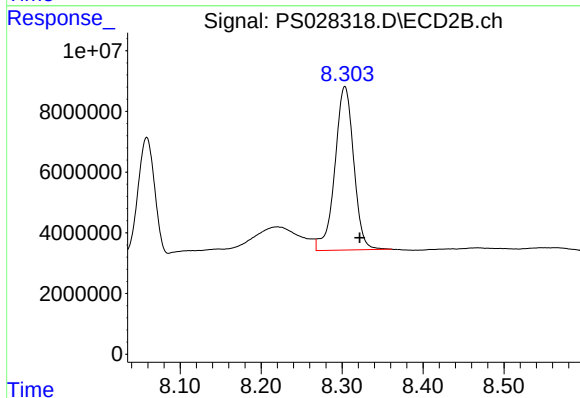
#7 MCPA

R.T.: 7.773 min
Delta R.T.: -0.020 min
Response: 92034315
Conc: 8.84 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

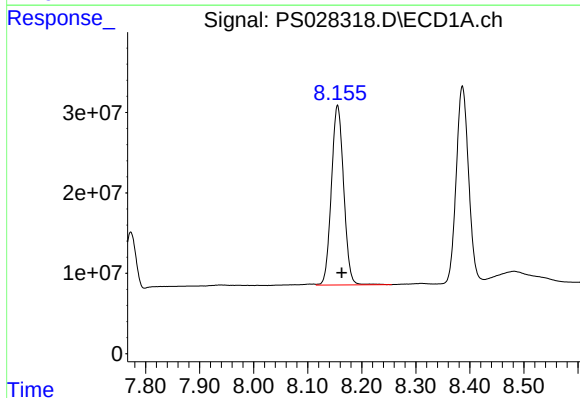
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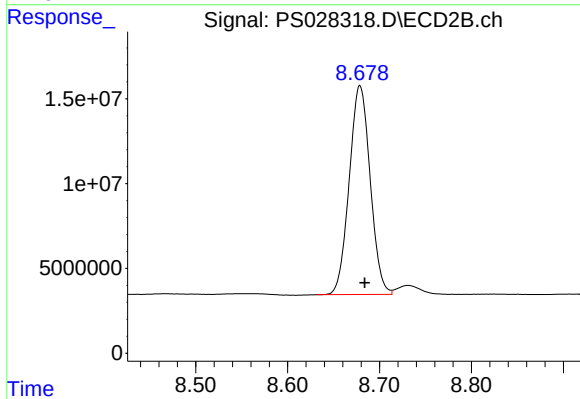
#7 MCPA

R.T.: 8.303 min
Delta R.T.: -0.018 min
Response: 87260540
Conc: 10.46 ug/ml



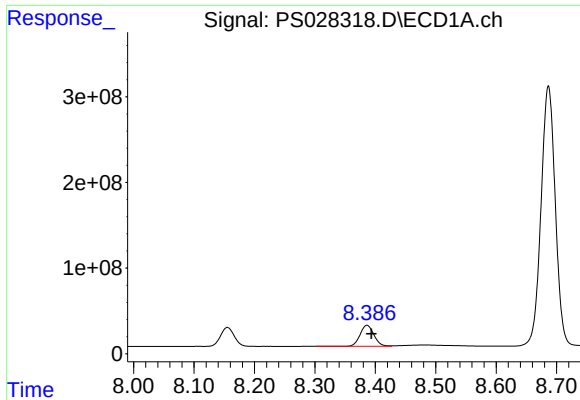
#8 DICHLORPROP

R.T.: 8.155 min
Delta R.T.: -0.008 min
Response: 351995713
Conc: 124.85 ng/ml



#8 DICHLORPROP

R.T.: 8.679 min
Delta R.T.: -0.005 min
Response: 195147842
Conc: 97.13 ng/ml



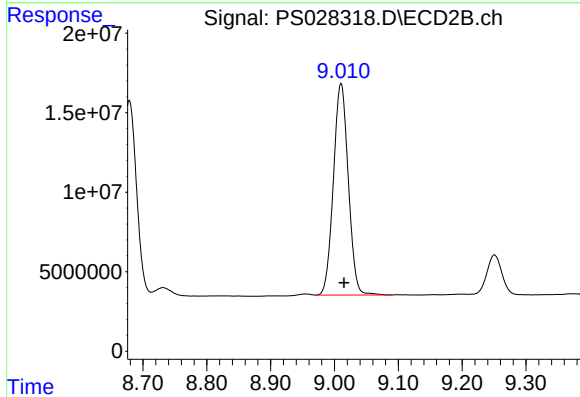
#9 2,4-D

R.T.: 8.386 min
Delta R.T.: -0.008 min
Response: 389526663
Conc: 123.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

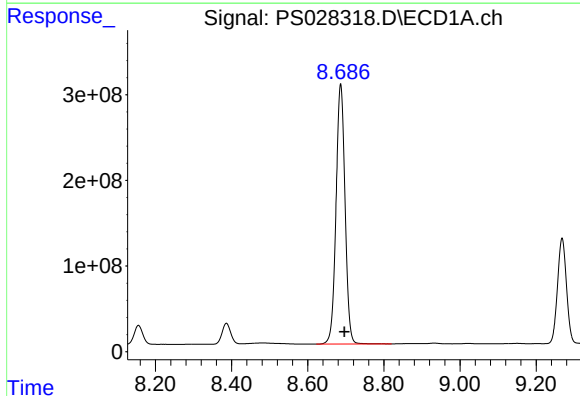
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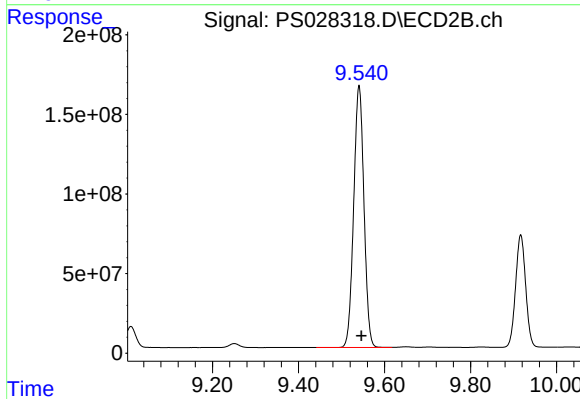
#9 2,4-D

R.T.: 9.010 min
Delta R.T.: -0.005 min
Response: 215429042
Conc: 96.60 ng/ml



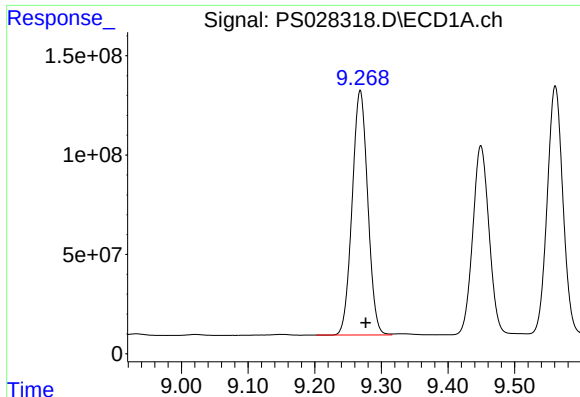
#10 Pentachlorophenol

R.T.: 8.687 min
Delta R.T.: -0.010 min
Response: 4983833925
Conc: 119.91 ng/ml



#10 Pentachlorophenol

R.T.: 9.541 min
Delta R.T.: -0.006 min
Response: 2724451141
Conc: 93.42 ng/ml



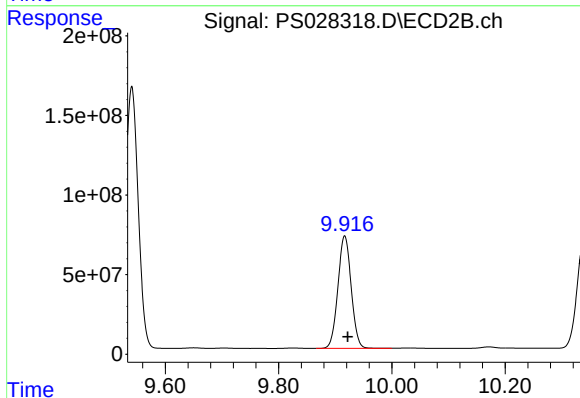
#11 2,4,5-TP (SILVEX)

R.T.: 9.268 min
Delta R.T.: -0.008 min
Response: 1997852541
Conc: 117.34 ng/ml

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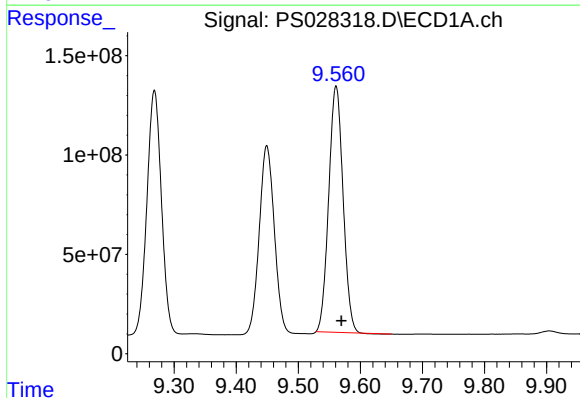
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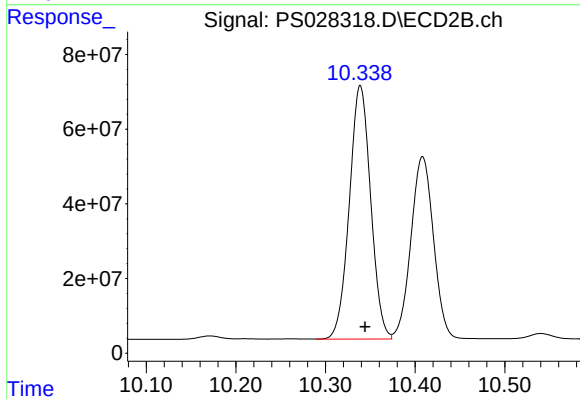
#11 2,4,5-TP (SILVEX)

R.T.: 9.917 min
Delta R.T.: -0.005 min
Response: 1150431586
Conc: 92.46 ng/ml



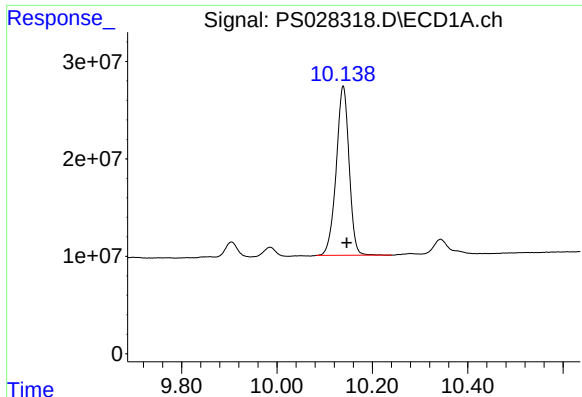
#12 2,4,5-T

R.T.: 9.561 min
Delta R.T.: -0.009 min
Response: 1985118349
Conc: 114.51 ng/ml



#12 2,4,5-T

R.T.: 10.339 min
Delta R.T.: -0.005 min
Response: 1124622876
Conc: 91.68 ng/ml



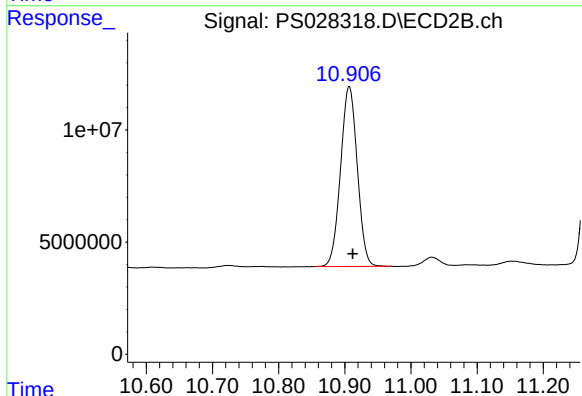
#13 2,4-DB

R.T.: 10.139 min
Delta R.T.: -0.008 min
Response: 325380153
Conc: 115.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

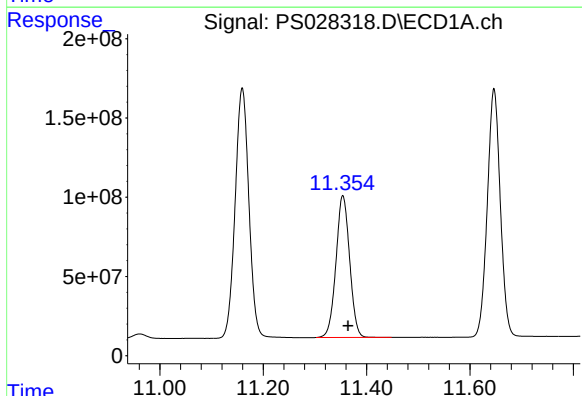
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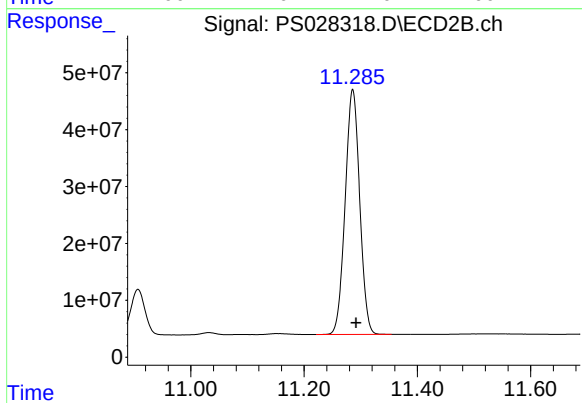
#13 2,4-DB

R.T.: 10.907 min
Delta R.T.: -0.005 min
Response: 140761862
Conc: 88.81 ng/ml



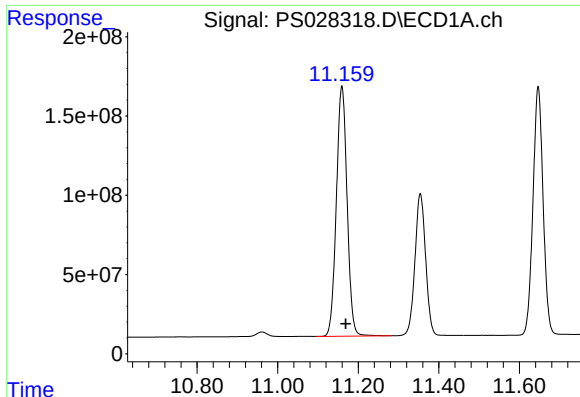
#14 DINOSEB

R.T.: 11.354 min
Delta R.T.: -0.010 min
Response: 1641051618
Conc: 113.50 ng/ml



#14 DINOSEB

R.T.: 11.286 min
Delta R.T.: -0.006 min
Response: 766940381
Conc: 87.94 ng/ml



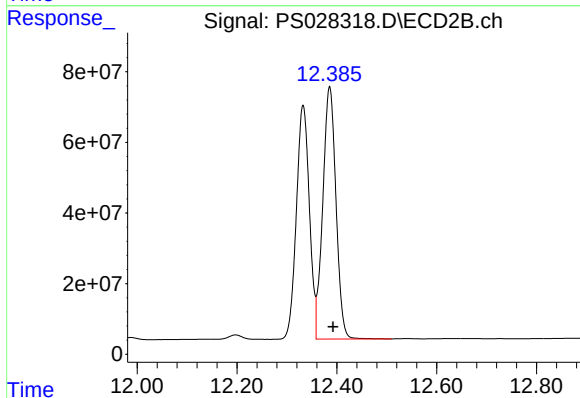
#15 Picloram

R.T.: 11.159 min
Delta R.T.: -0.010 min
Response: 2917113639
Conc: 100.59 ng/ml

Instrument :
ECD_S
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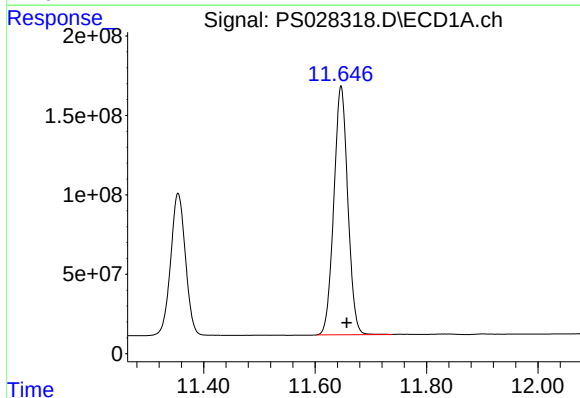
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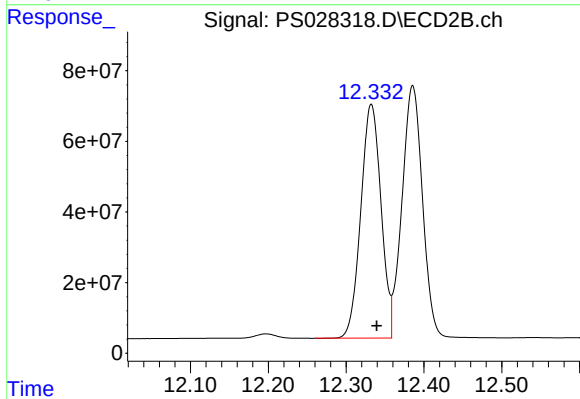
#15 Picloram

R.T.: 12.386 min
Delta R.T.: -0.007 min
Response: 1309006714
Conc: 72.59 ng/ml



#16 DCPA

R.T.: 11.647 min
Delta R.T.: -0.010 min
Response: 2728568067
Conc: 114.84 ng/ml



#16 DCPA

R.T.: 12.332 min
Delta R.T.: -0.007 min
Response: 1197118097
Conc: 85.44 ng/ml