

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050924\
 Data File : PS026711.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2024 18:29
 Operator : AR\AJ
 Sample : P2403-09
 Misc : MDL WATER 100PPB
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/10/2024
 Supervised By :Ankita Jodhani 05/10/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 05:30:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS050624.M
 Quant Title : 8080.M
 QLast Update : Mon May 06 13:55:47 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
 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	7.269	7.779	1391.6E6	874.9E6	559.580	524.680m
Target Compounds							
1) T	Dalapon	2.652	2.705	237.5E6	286.1E6	64.937m	97.602m#
2) T	3,5-DICHL...	6.436	6.726	324.4E6	247.1E6	94.329	100.999
3) T	4-Nitroph...	7.071	7.304	153.4E6	128.2E6	95.199	112.746m
5) T	DICAMBA	7.457	7.979	935.6E6	677.9E6	91.227	91.560m
6) T	MCPD	7.633	8.077	79093403	41675506	10.645m	8.107m
7) T	MCPA	7.782	8.320	95912724	95273157	8.665	12.741m#
8) T	DICHLORPROP	8.162	8.696	305.2E6	198.9E6	101.861	103.656
9) T	2,4-D	8.393	9.027	377.3E6	239.7E6	114.626	116.344m
10) T	Pentachlo...	8.690	9.558	4062.5E6	2837.3E6	99.208m	103.816
11) T	2,4,5-TP ...	9.270	9.932	1701.1E6	1245.2E6	102.209	112.836m
12) T	2,4,5-T	9.563	10.353	1608.6E6	1130.3E6	94.385	104.349
13) T	2,4-DB	10.136	10.946	199.2E6	244.5E6	84.020m	179.840m#
14) T	DINOSEB	11.346	11.298	1018.7E6	878.7E6	99.213m	127.913 #
15) T	Picloram	11.155	12.397	1996.1E6	1408.2E6	89.361m	87.871
16) T	DCPA	11.637	12.342	1382.9E6	1524.9E6	73.455m	115.335 #

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

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Operator : AR\AJ
Sample : P2403-09
Misc : MDL WATER 100PPB
ALS Vial : 13 Sample Multiplier: 1

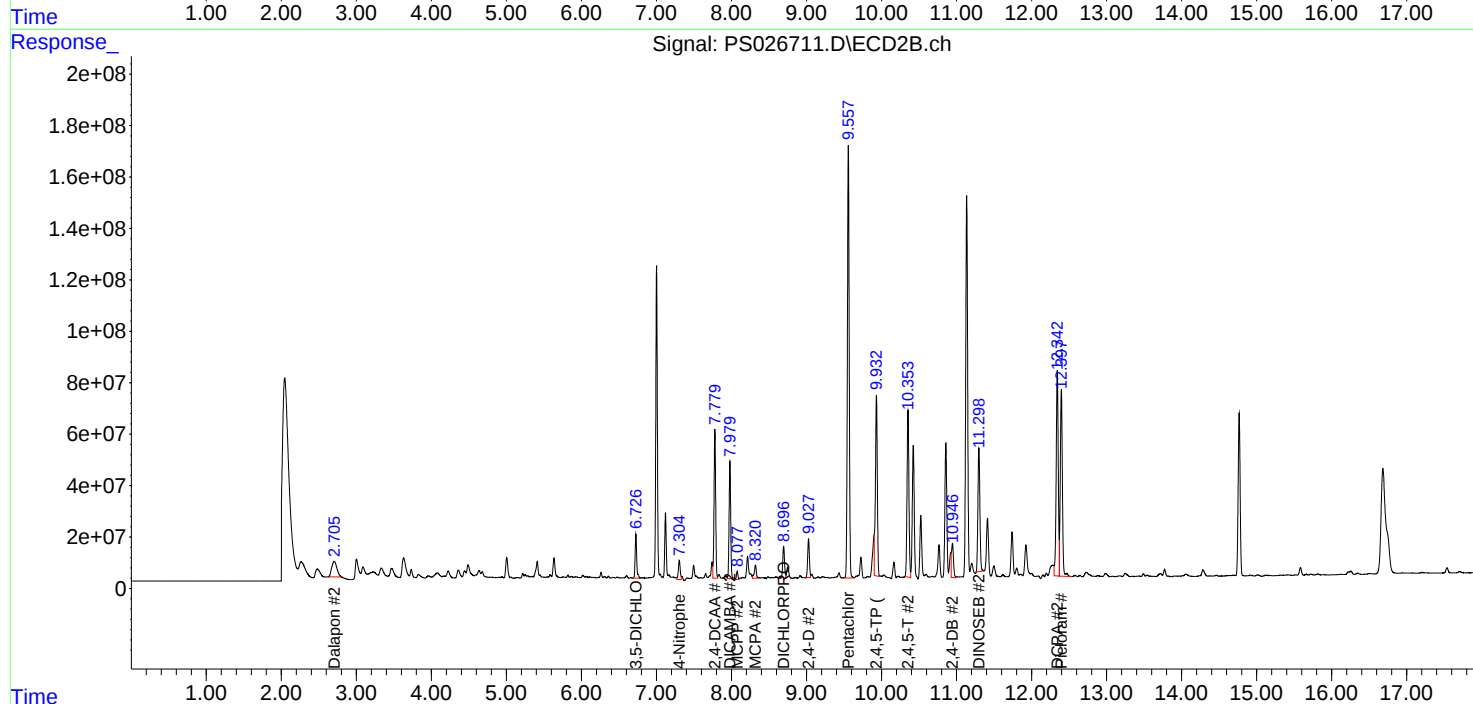
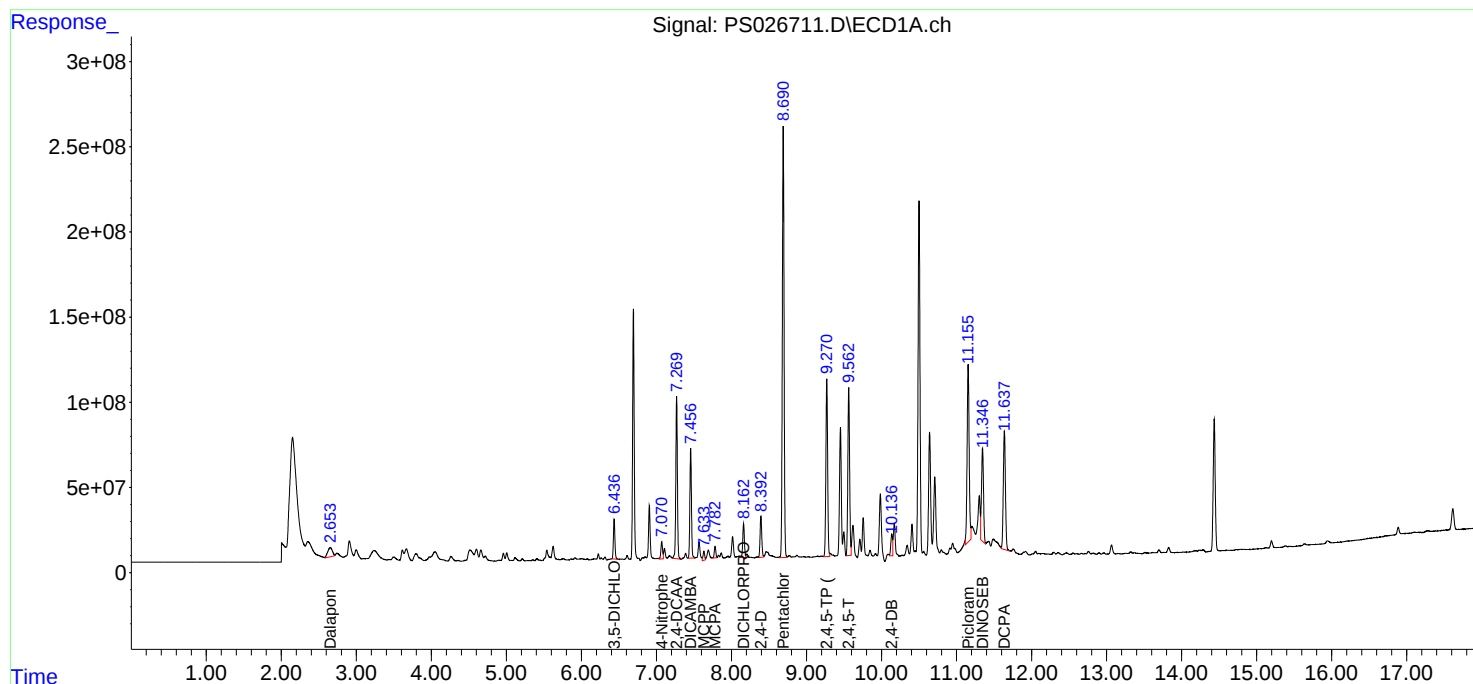
Instrument :
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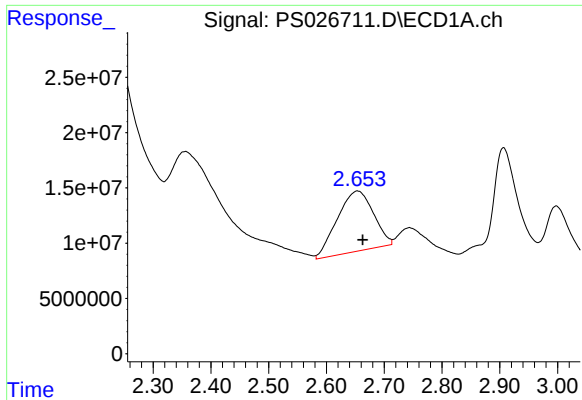
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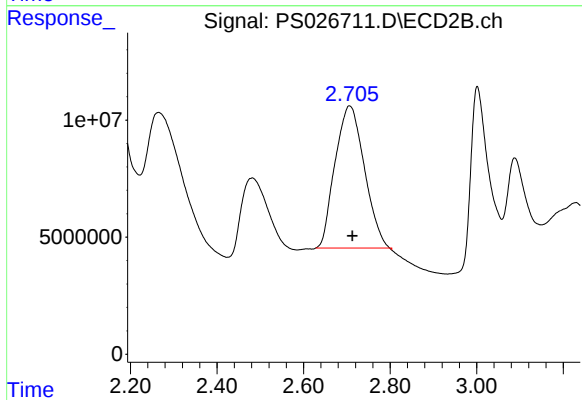
#1 Dalapon

R.T.: 2.652 min
Delta R.T.: -0.010 min
Response: 237491945
Conc: 64.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
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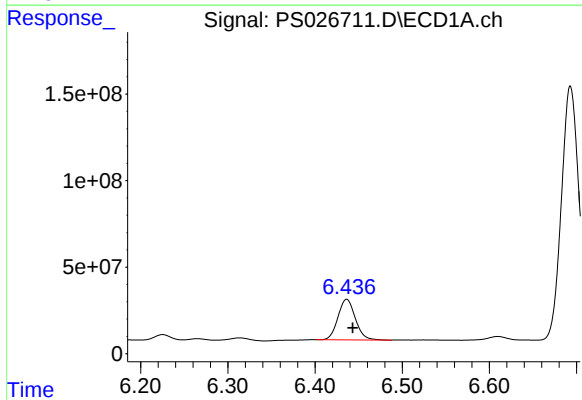
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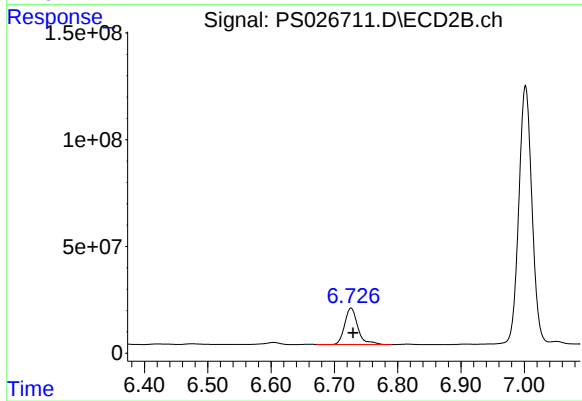
#1 Dalapon

R.T.: 2.705 min
Delta R.T.: -0.007 min
Response: 286144714
Conc: 97.60 ng/ml m



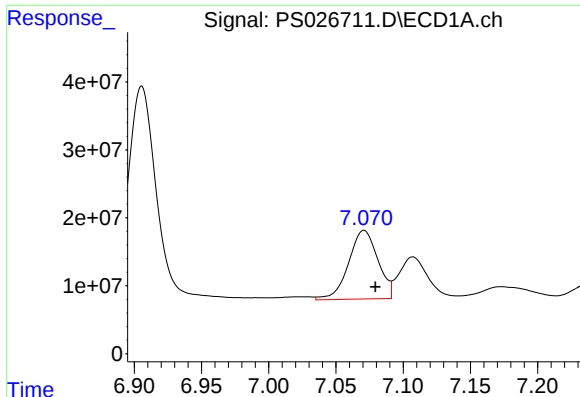
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.436 min
Delta R.T.: -0.007 min
Response: 324433722
Conc: 94.33 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.726 min
Delta R.T.: -0.003 min
Response: 247078912
Conc: 101.00 ng/ml



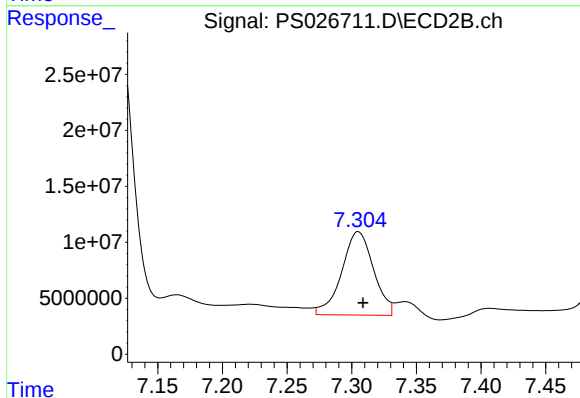
#3 4-Nitrophenol

R.T.: 7.071 min
Delta R.T.: -0.009 min
Response: 153380187
Conc: 95.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
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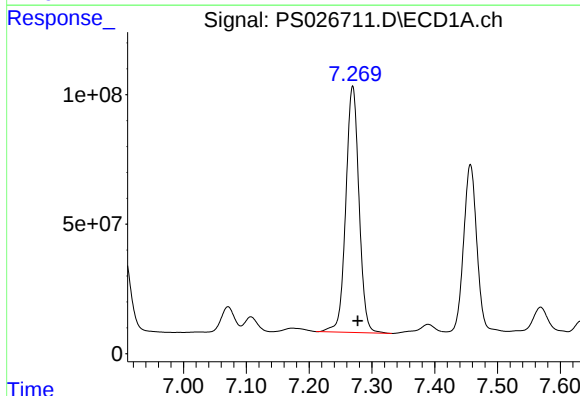
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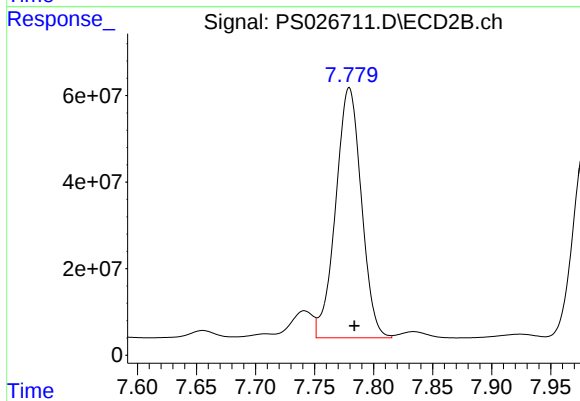
#3 4-Nitrophenol

R.T.: 7.304 min
Delta R.T.: -0.004 min
Response: 128222159
Conc: 112.75 ng/ml m



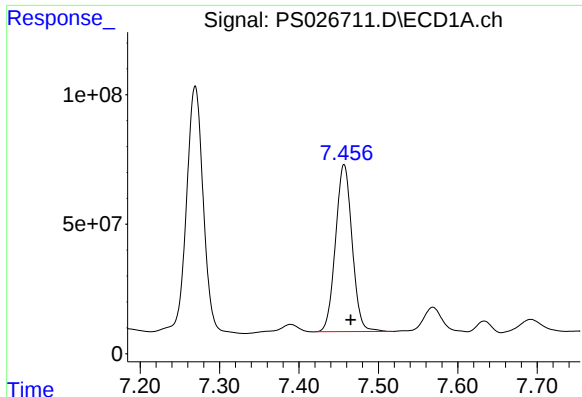
#4 2,4-DCAA

R.T.: 7.269 min
Delta R.T.: -0.008 min
Response: 1391595975
Conc: 559.58 ng/ml



#4 2,4-DCAA

R.T.: 7.779 min
Delta R.T.: -0.005 min
Response: 874858851
Conc: 524.68 ng/ml m



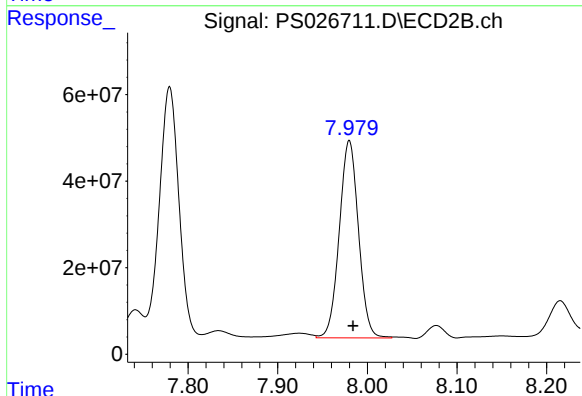
#5 DICAMBA

R.T.: 7.457 min
Delta R.T.: -0.008 min
Response: 935593047
Conc: 91.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT2-2024

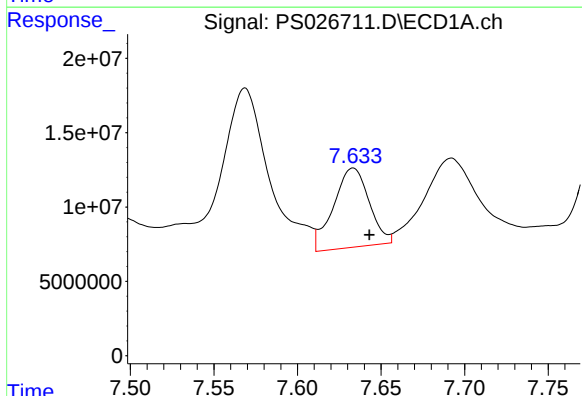
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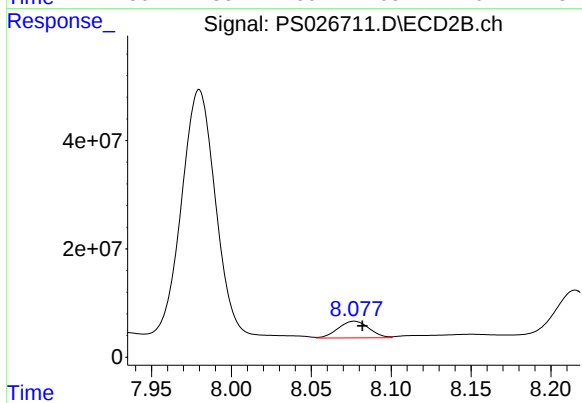
#5 DICAMBA

R.T.: 7.979 min
Delta R.T.: -0.004 min
Response: 677906501
Conc: 91.56 ng/ml m



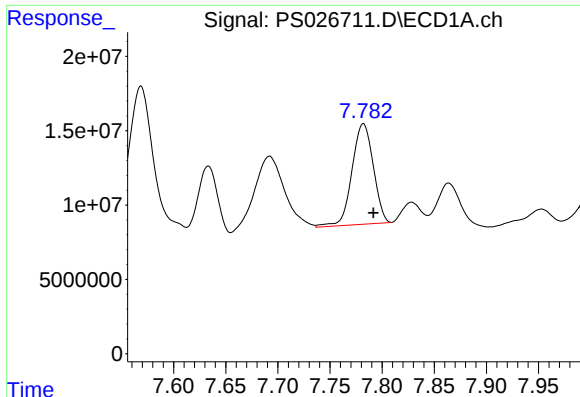
#6 MCP

R.T.: 7.633 min
Delta R.T.: -0.010 min
Response: 79093403
Conc: 10.64 ug/ml m



#6 MCP

R.T.: 8.077 min
Delta R.T.: -0.005 min
Response: 41675506
Conc: 8.11 ug/ml m



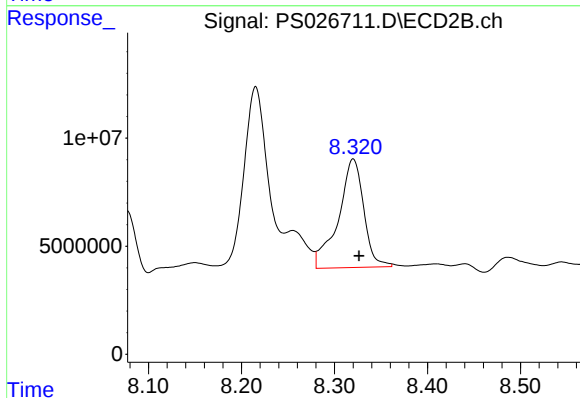
#7 MCPA

R.T.: 7.782 min
Delta R.T.: -0.010 min
Response: 95912724
Conc: 8.67 ug/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT2-2024

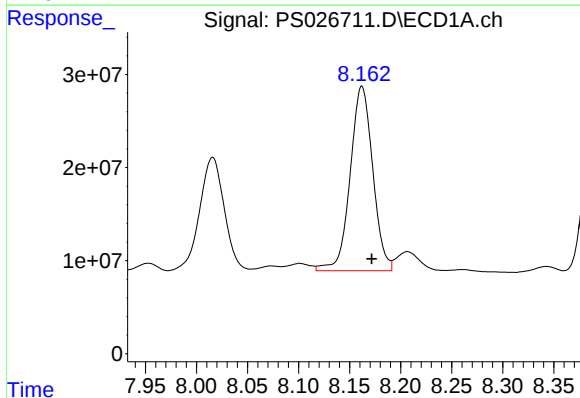
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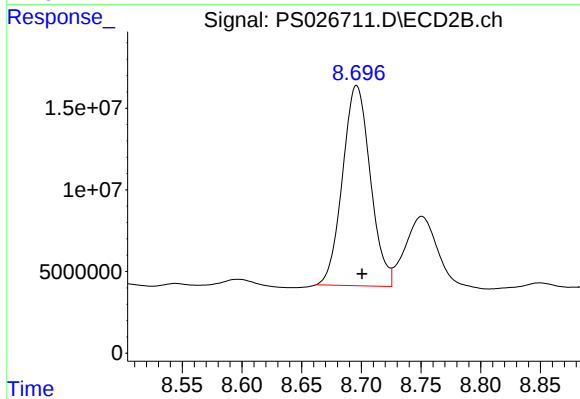
#7 MCPA

R.T.: 8.320 min
Delta R.T.: -0.007 min
Response: 95273157
Conc: 12.74 ug/ml m



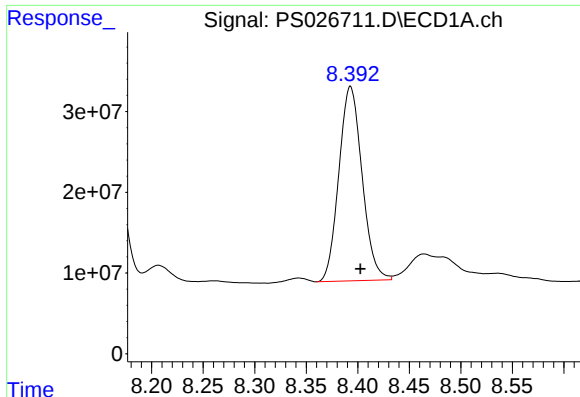
#8 DICHLORPROP

R.T.: 8.162 min
Delta R.T.: -0.010 min
Response: 305249131
Conc: 101.86 ng/ml



#8 DICHLORPROP

R.T.: 8.696 min
Delta R.T.: -0.005 min
Response: 198886460
Conc: 103.66 ng/ml



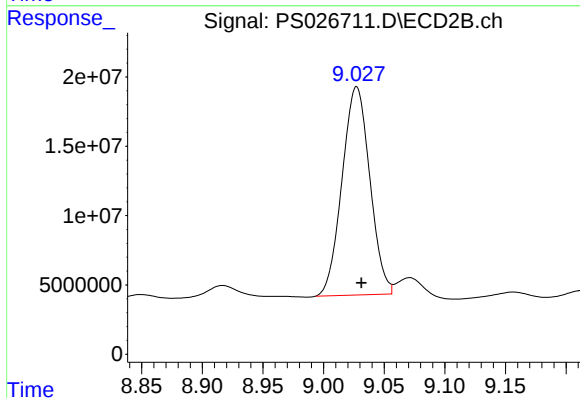
#9 2,4-D

R.T.: 8.393 min
Delta R.T.: -0.010 min
Response: 377322112
Conc: 114.63 ng/ml

Instrument :
ECD_S
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MDL-WATER-03-QT2-2024

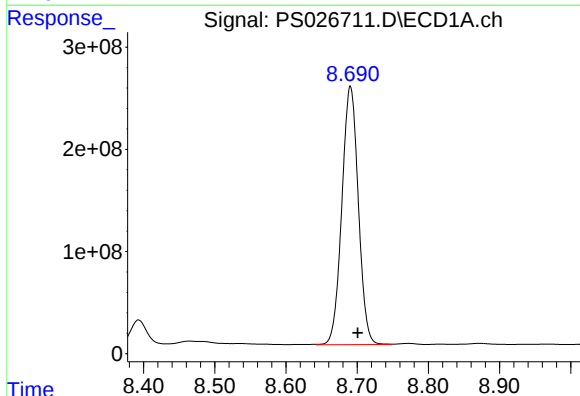
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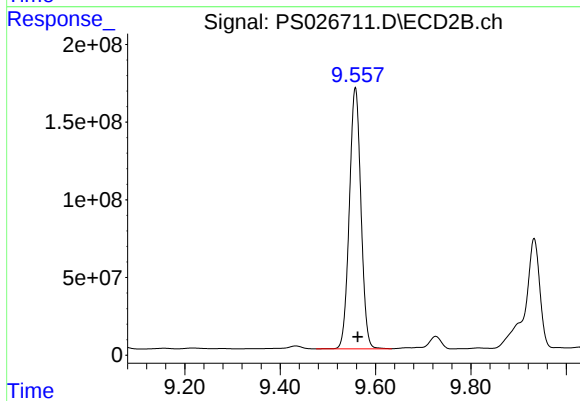
#9 2,4-D

R.T.: 9.027 min
Delta R.T.: -0.004 min
Response: 239713585
Conc: 116.34 ng/ml m



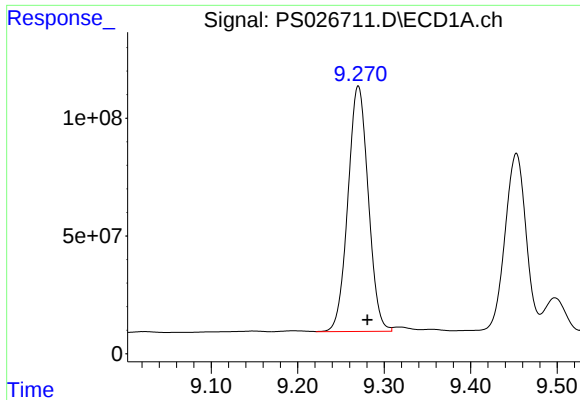
#10 Pentachlorophenol

R.T.: 8.690 min
Delta R.T.: -0.011 min
Response: 4062477061
Conc: 99.21 ng/ml m



#10 Pentachlorophenol

R.T.: 9.558 min
Delta R.T.: -0.005 min
Response: 2837309688
Conc: 103.82 ng/ml



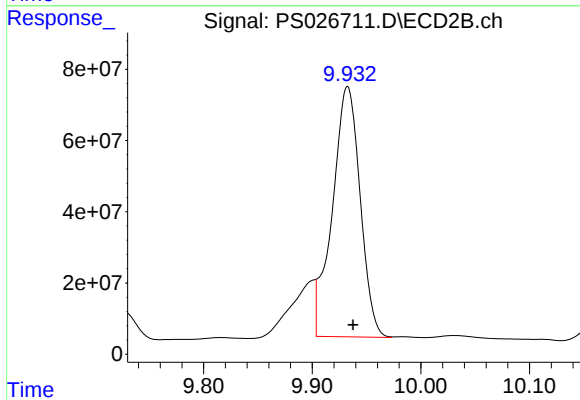
#11 2,4,5-TP (SILVEX)

R.T.: 9.270 min
Delta R.T.: -0.010 min
Response: 1701149513
Conc: 102.21 ng/ml

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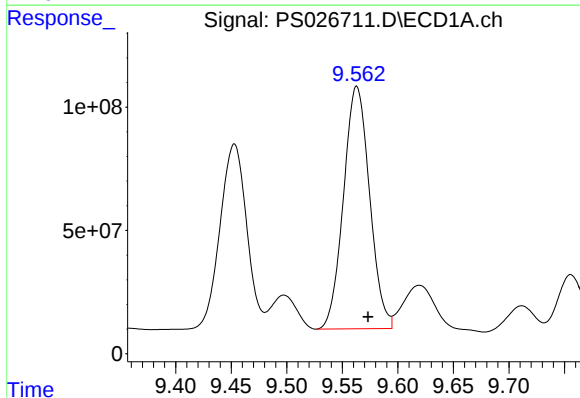
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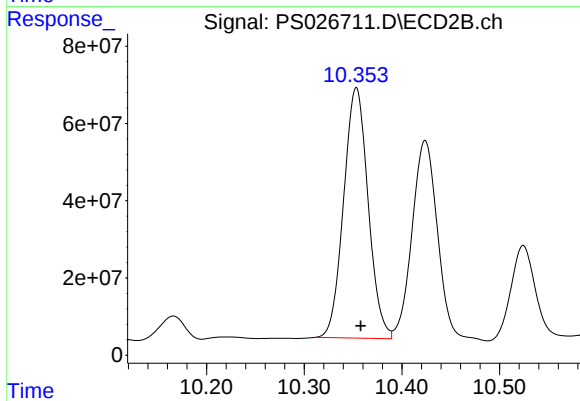
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: -0.005 min
Response: 1245162017
Conc: 112.84 ng/ml m



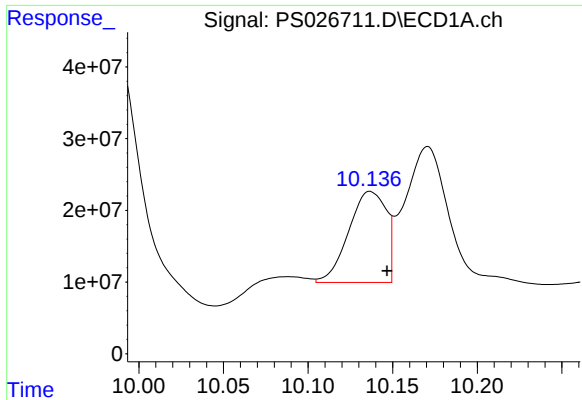
#12 2,4,5-T

R.T.: 9.563 min
Delta R.T.: -0.010 min
Response: 1608613333
Conc: 94.39 ng/ml



#12 2,4,5-T

R.T.: 10.353 min
Delta R.T.: -0.005 min
Response: 1130333396
Conc: 104.35 ng/ml



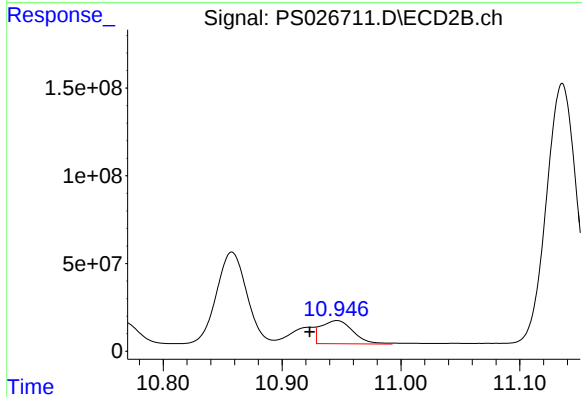
#13 2,4-DB

R.T.: 10.136 min
Delta R.T.: -0.011 min
Response: 199199649
Conc: 84.02 ng/ml

Instrument :
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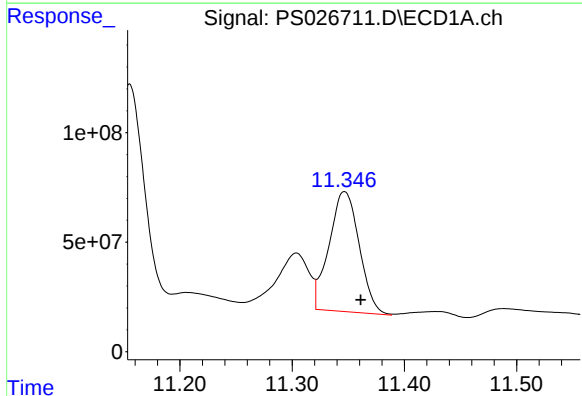
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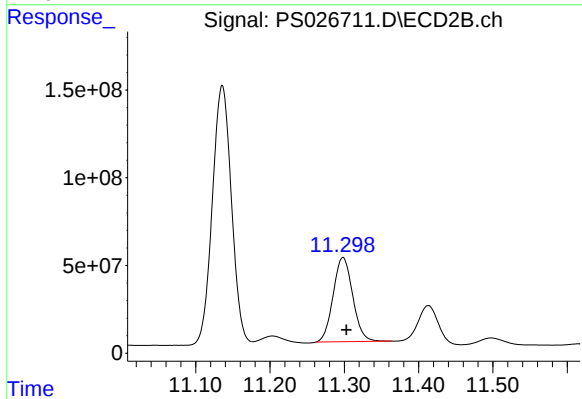
#13 2,4-DB

R.T.: 10.946 min
Delta R.T.: 0.023 min
Response: 244467643
Conc: 179.84 ng/ml m



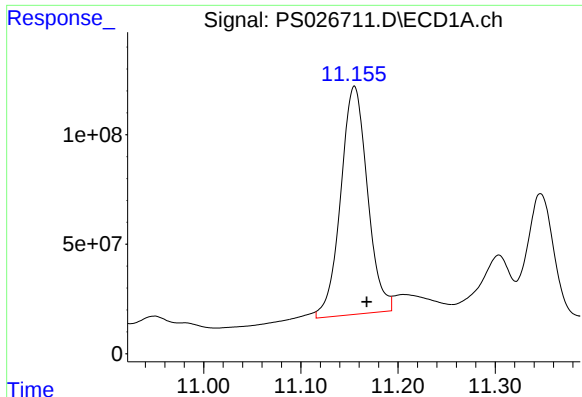
#14 DINOSEB

R.T.: 11.346 min
Delta R.T.: -0.015 min
Response: 1018701988
Conc: 99.21 ng/ml m



#14 DINOSEB

R.T.: 11.298 min
Delta R.T.: -0.005 min
Response: 878657463
Conc: 127.91 ng/ml



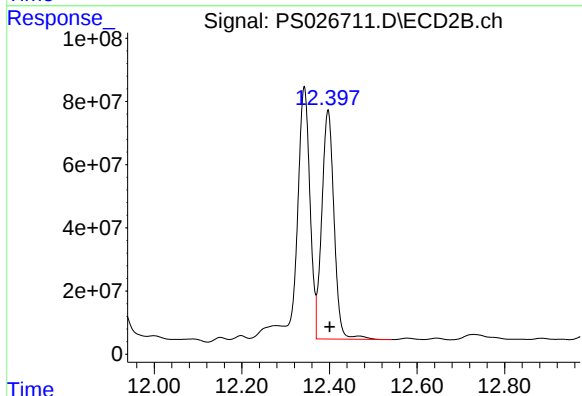
#15 Picloram

R.T.: 11.155 min
Delta R.T.: -0.013 min
Response: 1996059474
Conc: 89.36 ng/ml

Instrument :
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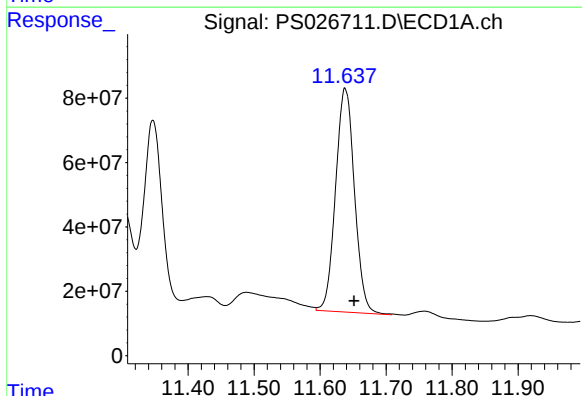
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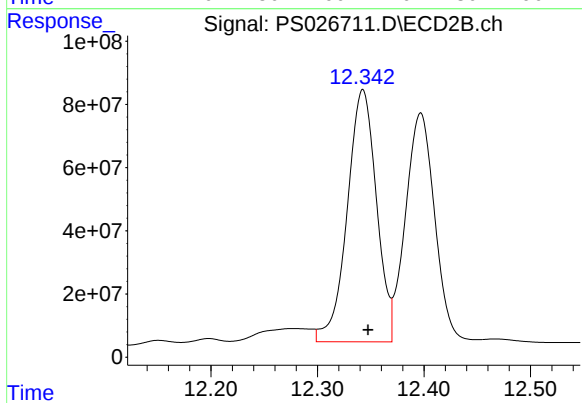
#15 Picloram

R.T.: 12.397 min
Delta R.T.: -0.005 min
Response: 1408185481
Conc: 87.87 ng/ml



#16 DCPA

R.T.: 11.637 min
Delta R.T.: -0.015 min
Response: 1382870636
Conc: 73.46 ng/ml m



#16 DCPA

R.T.: 12.342 min
Delta R.T.: -0.005 min
Response: 1524927694
Conc: 115.33 ng/ml