

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS110221\
 Data File : PS017301.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2021 14:50
 Operator : DD\AJ
 Sample : M4068-09
 Misc : MDL 100 PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MDL-WATER-03-QT4-2021

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/03/2021
 Supervised By :mohammad ahmed 11/04/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 16:20:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101821.M
 Quant Title : 8080.M
 QLast Update : Tue Oct 19 01:21:46 2021
 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	7.154	6.739	405.6E6	169.1E6	265.348	289.273
Target Compounds							
1) T	Dalapon	2.988	2.493	180.8E6	57073029	83.244	88.206
2) T	3,5-DICHL...	6.383	5.939	193.8E6	72140229	89.772	83.060
3) T	4-Nitroph...	7.005	6.373	58393576	22312408	66.953	69.219
5) T	DICAMBA	7.341	6.898	515.7E6	215.1E6	86.102m	84.493
6) T	MCPD	7.503	6.986	33701011	16249573	7.539	8.069
7) T	MCPA	7.650	7.196	54614680	29051170	8.852	9.813
8) T	DICHLORPROP	8.037	7.518	140.2E6	58627434	93.511	91.165
9) T	2,4-D	8.279	7.814	141.3E6	61239938	79.801m	81.373
10) T	Pentachlo...	8.566	8.229	1989.0E6	797.2E6	95.864	97.645
11) T	2,4,5-TP ...	9.120	8.591	707.0E6	299.9E6	86.933	86.987
12) T	2,4,5-T	9.408	8.971	692.7E6	256.9E6	86.245	81.066
13) T	2,4-DB	9.962	9.477	101.4E6	31293079	67.381	75.446
14) T	DINOSEB	11.100	9.796	562.7E6	192.0E6	99.335	87.017
15) T	Picloram	10.940	10.783	886.9E6	295.1E6	83.035	77.062
16) T	DCPA	11.367	10.725	993.0E6	386.9E6	97.508	90.659

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

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ALS Vial : 11 Sample Multiplier: 1

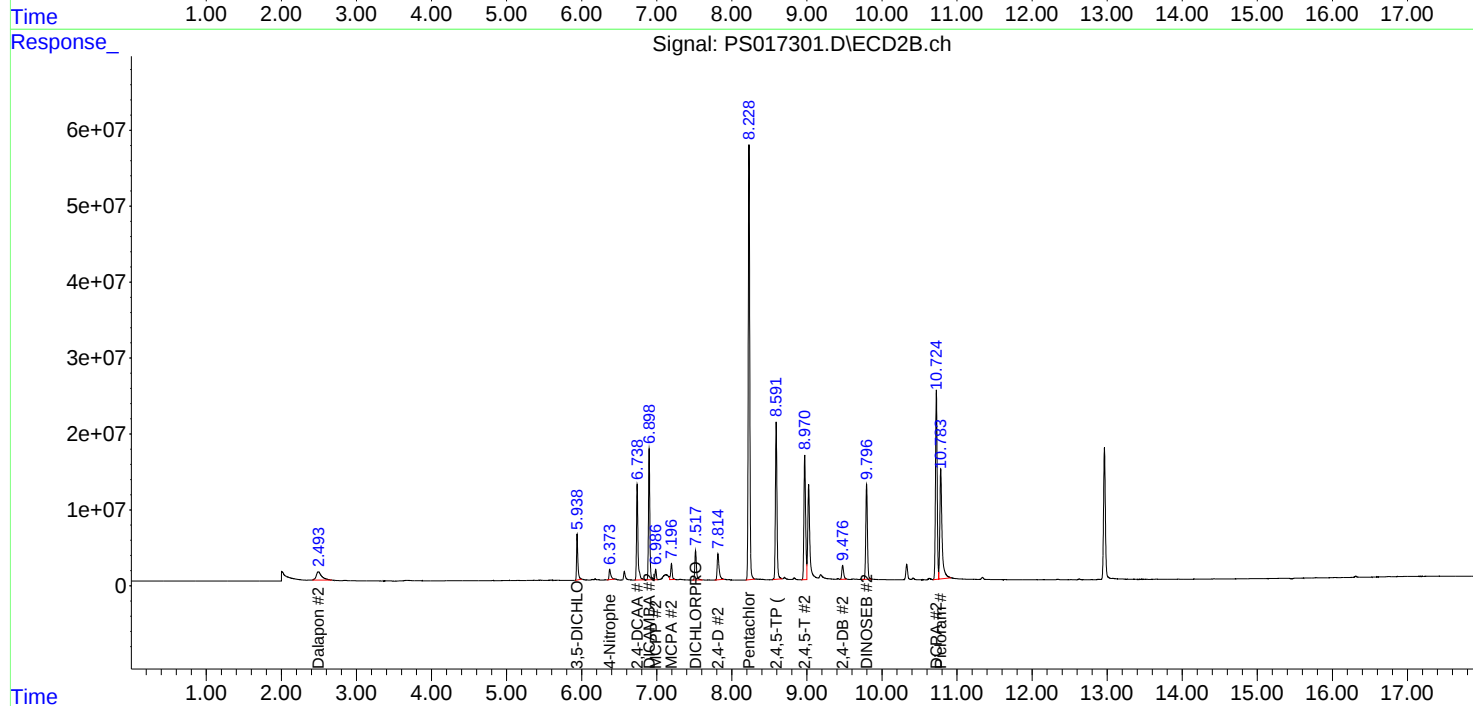
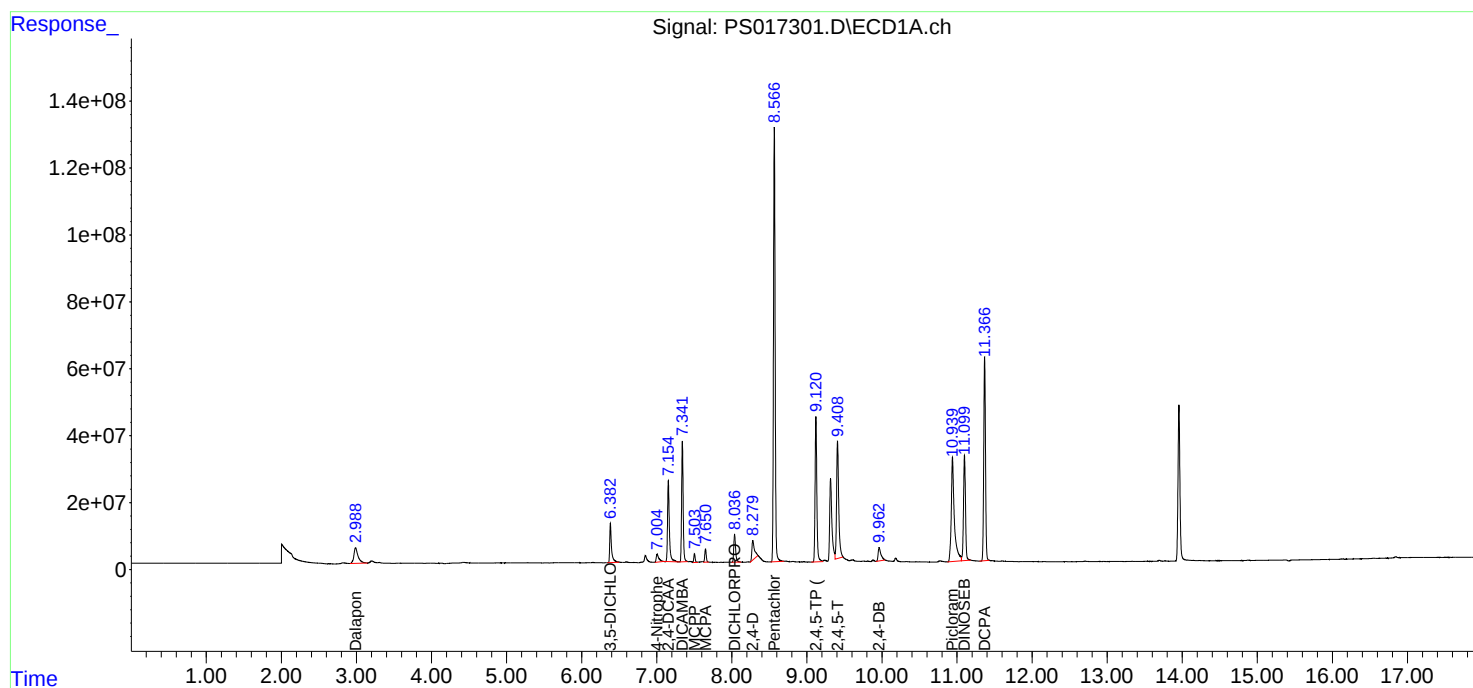
Instrument :
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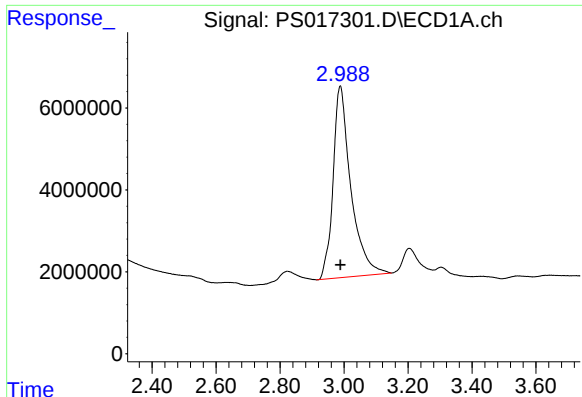
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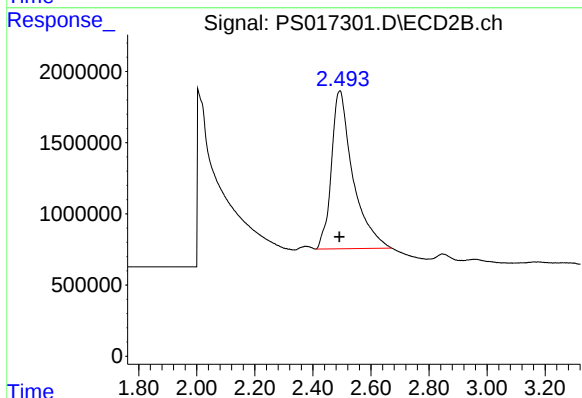
#1 Dalapon

R.T.: 2.988 min
Delta R.T.: 0.000 min
Response: 180757515
Conc: 83.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT4-2021

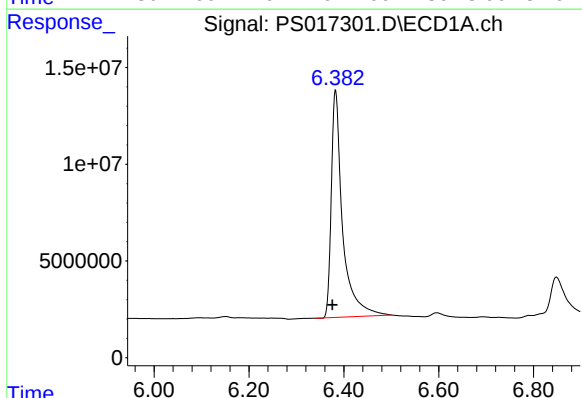
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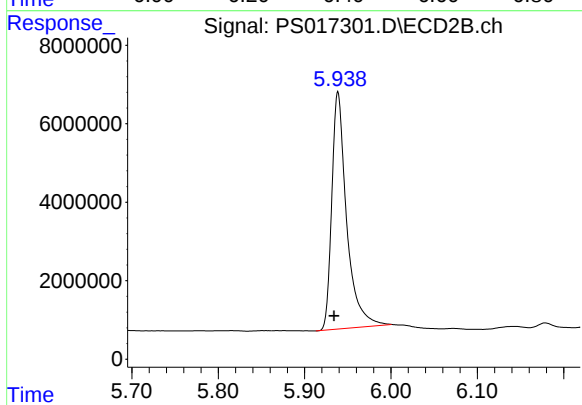
#1 Dalapon

R.T.: 2.493 min
Delta R.T.: 0.002 min
Response: 57073029
Conc: 88.21 ng/ml



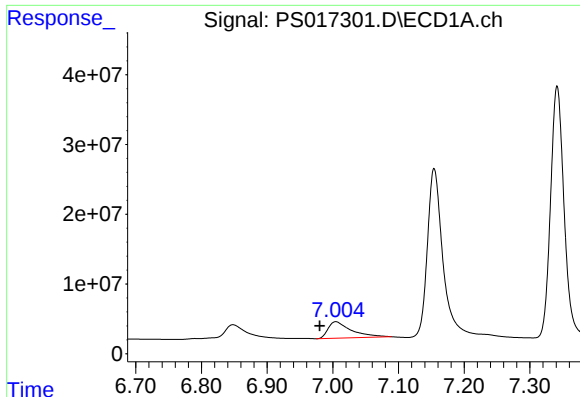
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.383 min
Delta R.T.: 0.007 min
Response: 193790259
Conc: 89.77 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.939 min
Delta R.T.: 0.005 min
Response: 72140229
Conc: 83.06 ng/ml



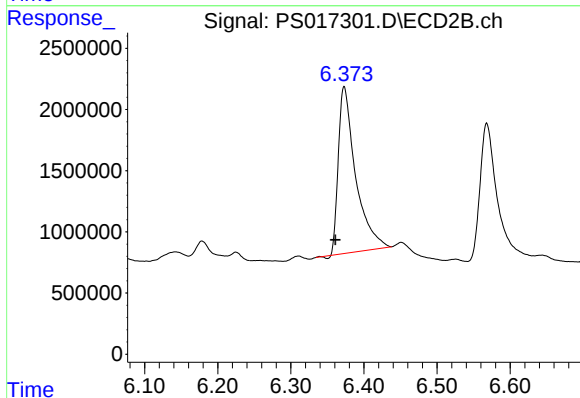
#3 4-Nitrophenol

R.T.: 7.005 min
Delta R.T.: 0.024 min
Response: 58393576
Conc: 66.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
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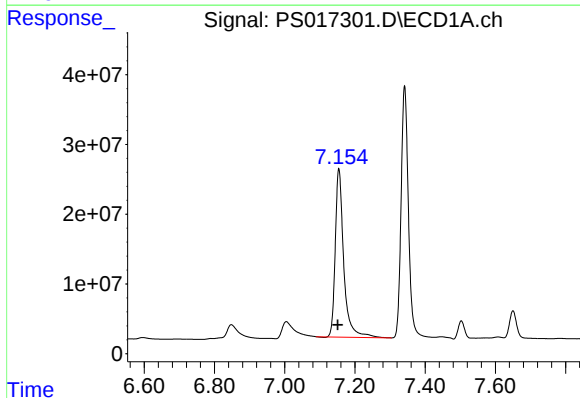
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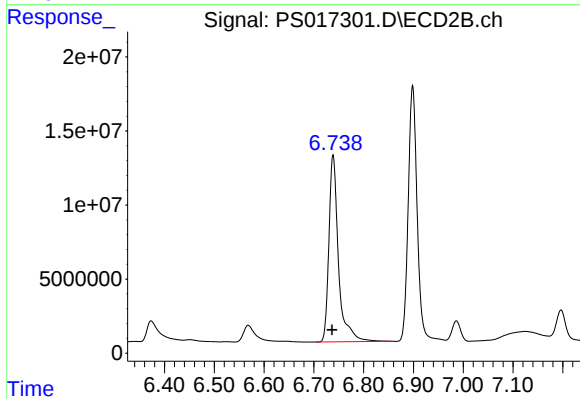
#3 4-Nitrophenol

R.T.: 6.373 min
Delta R.T.: 0.012 min
Response: 22312408
Conc: 69.22 ng/ml



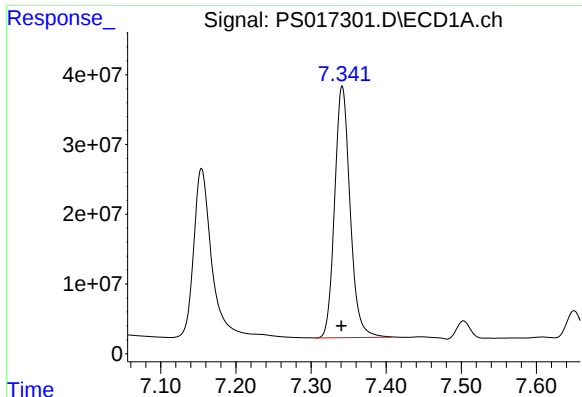
#4 2,4-DCAA

R.T.: 7.154 min
Delta R.T.: 0.003 min
Response: 405573016
Conc: 265.35 ng/ml



#4 2,4-DCAA

R.T.: 6.739 min
Delta R.T.: 0.002 min
Response: 169063202
Conc: 289.27 ng/ml



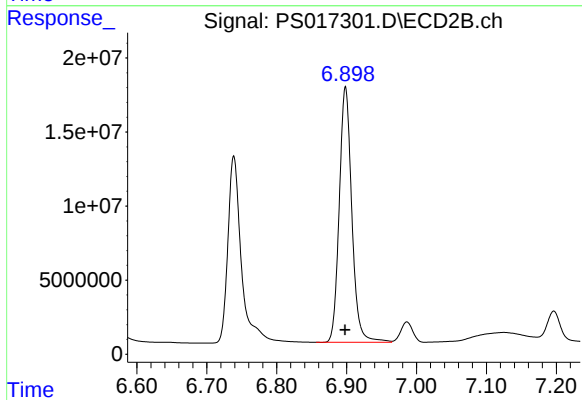
#5 DICAMBA

R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 515730018
Conc: 86.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT4-2021

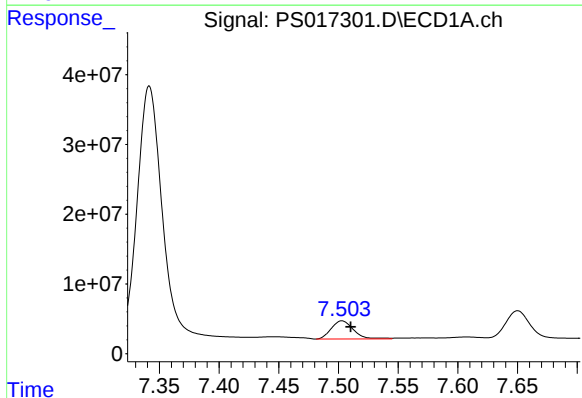
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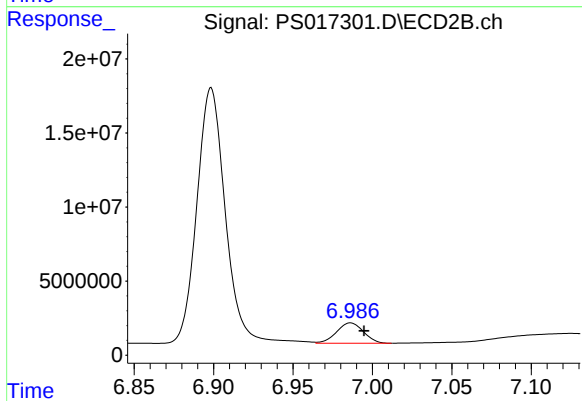
#5 DICAMBA

R.T.: 6.898 min
Delta R.T.: 0.000 min
Response: 215125700
Conc: 84.49 ng/ml



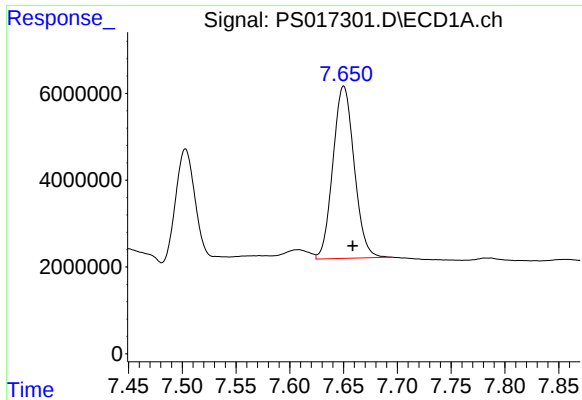
#6 MCP

R.T.: 7.503 min
Delta R.T.: -0.007 min
Response: 33701011
Conc: 7.54 ug/ml



#6 MCP

R.T.: 6.986 min
Delta R.T.: -0.008 min
Response: 16249573
Conc: 8.07 ug/ml



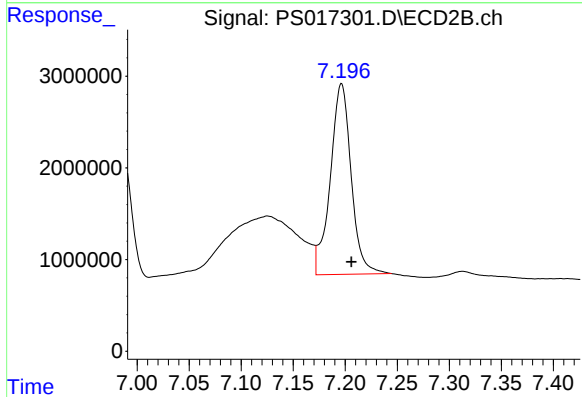
#7 MCPA

R.T.: 7.650 min
Delta R.T.: -0.008 min
Response: 54614680
Conc: 8.85 ug/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT4-2021

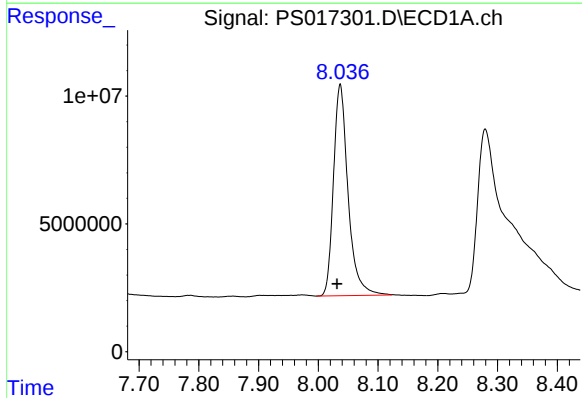
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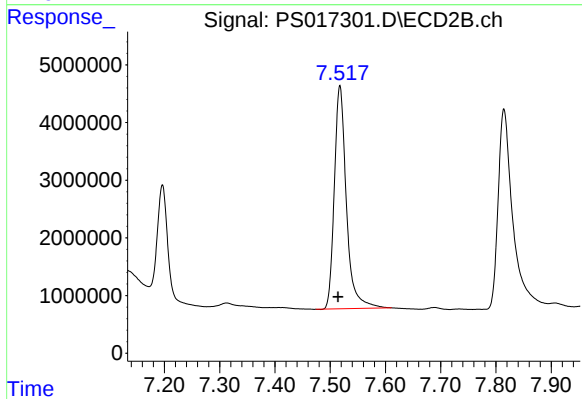
#7 MCPA

R.T.: 7.196 min
Delta R.T.: -0.009 min
Response: 29051170
Conc: 9.81 ug/ml



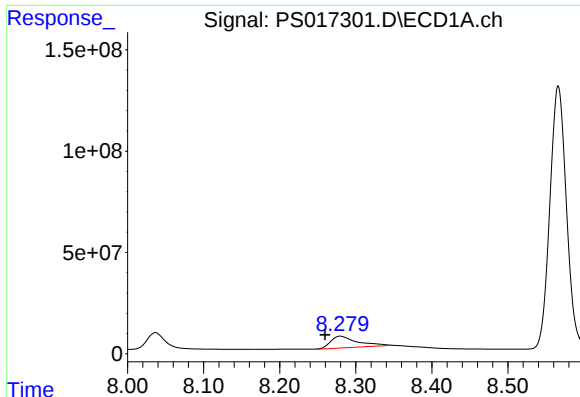
#8 DICHLORPROP

R.T.: 8.037 min
Delta R.T.: 0.005 min
Response: 140210155
Conc: 93.51 ng/ml



#8 DICHLORPROP

R.T.: 7.518 min
Delta R.T.: 0.003 min
Response: 58627434
Conc: 91.16 ng/ml



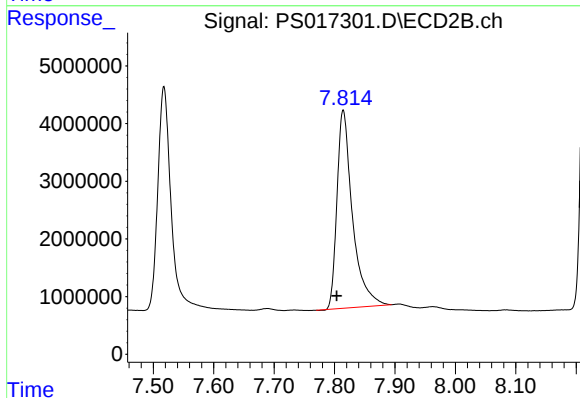
#9 2,4-D

R.T.: 8.279 min
Delta R.T.: 0.019 min
Response: 141342754
Conc: 79.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT4-2021

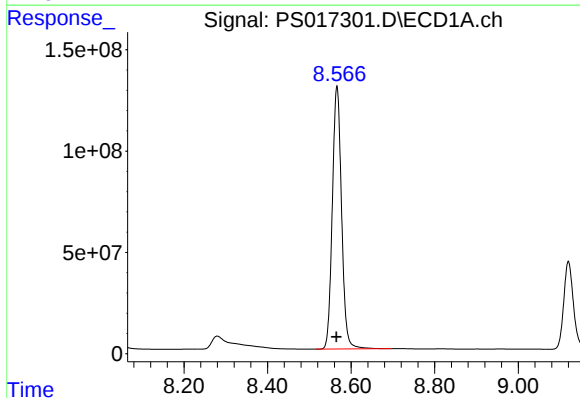
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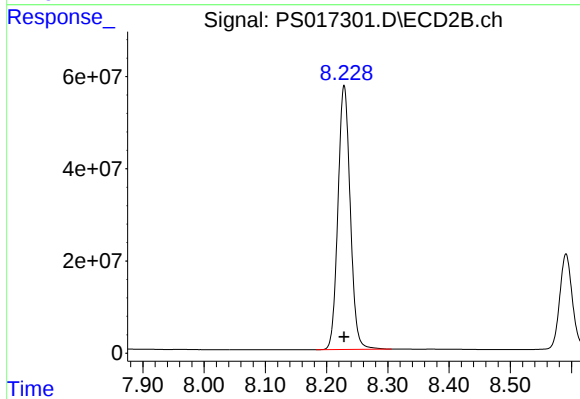
#9 2,4-D

R.T.: 7.814 min
Delta R.T.: 0.011 min
Response: 61239938
Conc: 81.37 ng/ml



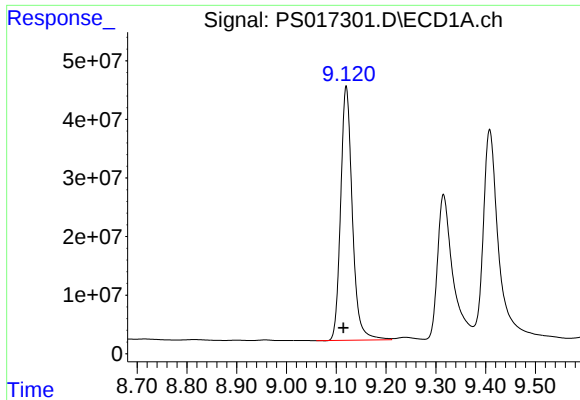
#10 Pentachlorophenol

R.T.: 8.566 min
Delta R.T.: 0.001 min
Response: 1988990509
Conc: 95.86 ng/ml



#10 Pentachlorophenol

R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 797241016
Conc: 97.65 ng/ml



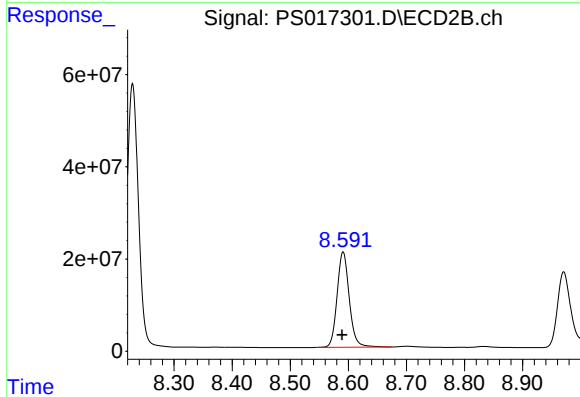
#11 2,4,5-TP (SILVEX)

R.T.: 9.120 min
Delta R.T.: 0.006 min
Response: 707003966
Conc: 86.93 ng/ml

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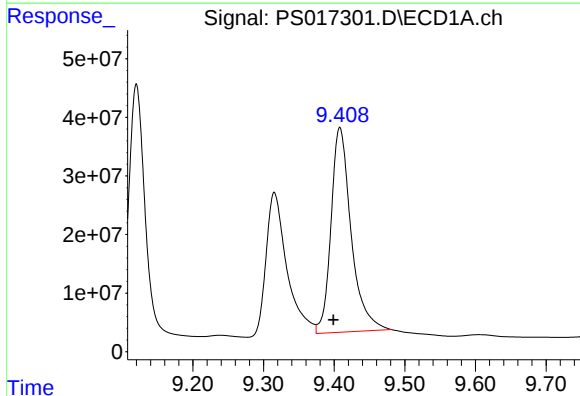
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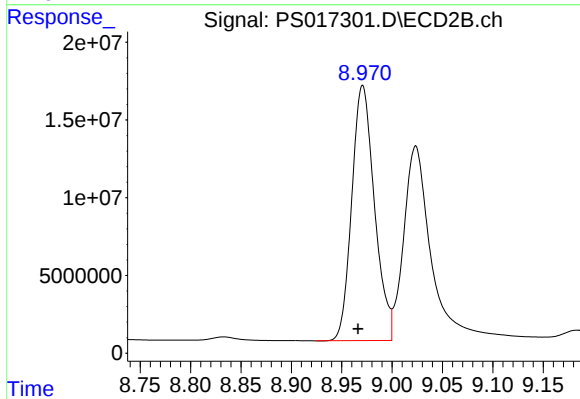
#11 2,4,5-TP (SILVEX)

R.T.: 8.591 min
Delta R.T.: 0.002 min
Response: 299856176
Conc: 86.99 ng/ml



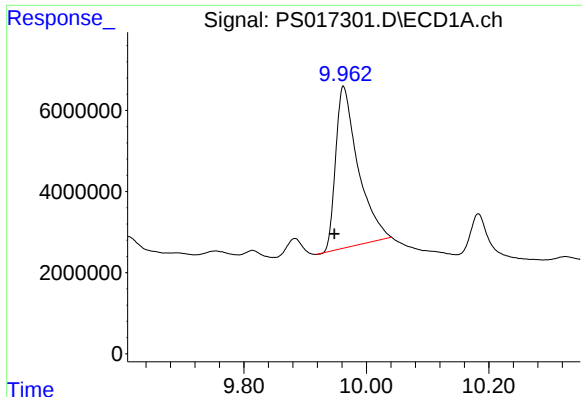
#12 2,4,5-T

R.T.: 9.408 min
Delta R.T.: 0.009 min
Response: 692729286
Conc: 86.24 ng/ml



#12 2,4,5-T

R.T.: 8.971 min
Delta R.T.: 0.005 min
Response: 256937156
Conc: 81.07 ng/ml



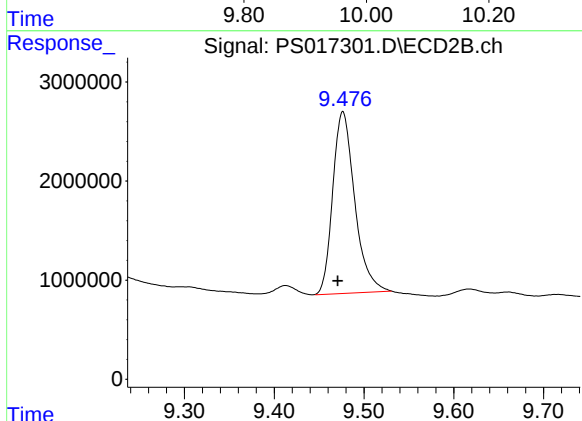
#13 2,4-DB

R.T.: 9.962 min
Delta R.T.: 0.014 min
Response: 101364028
Conc: 67.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
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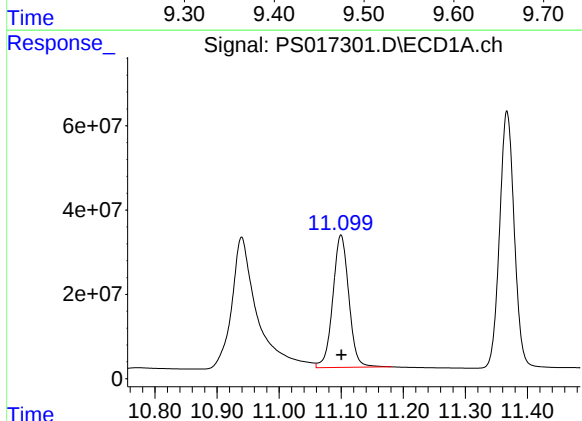
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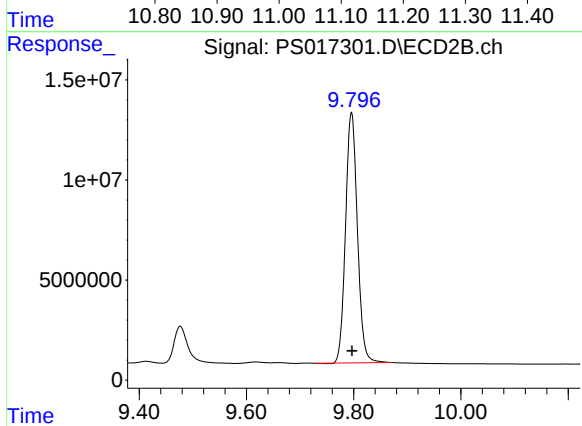
#13 2,4-DB

R.T.: 9.477 min
Delta R.T.: 0.006 min
Response: 31293079
Conc: 75.45 ng/ml



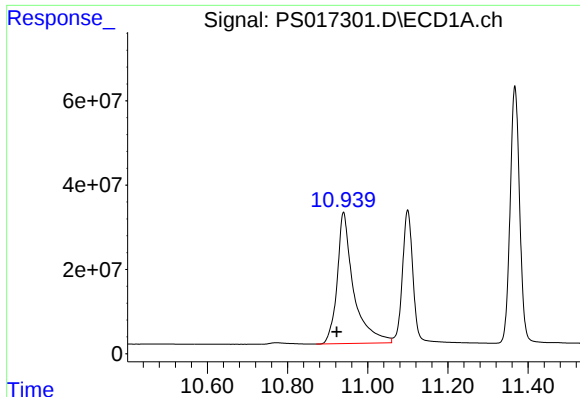
#14 DINOSEB

R.T.: 11.100 min
Delta R.T.: 0.000 min
Response: 562717557
Conc: 99.34 ng/ml



#14 DINOSEB

R.T.: 9.796 min
Delta R.T.: -0.001 min
Response: 192008981
Conc: 87.02 ng/ml



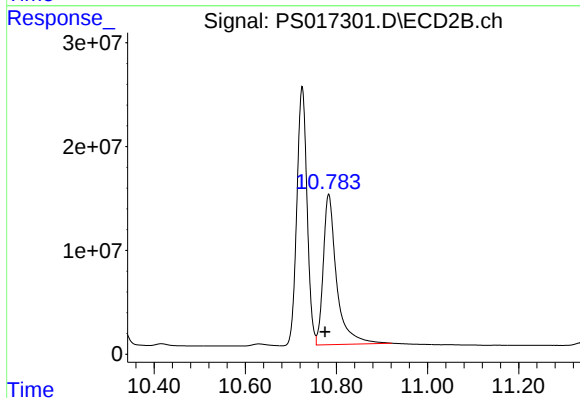
#15 Picloram

R.T.: 10.940 min
Delta R.T.: 0.018 min
Response: 886928670
Conc: 83.03 ng/ml

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ClientSampleId :
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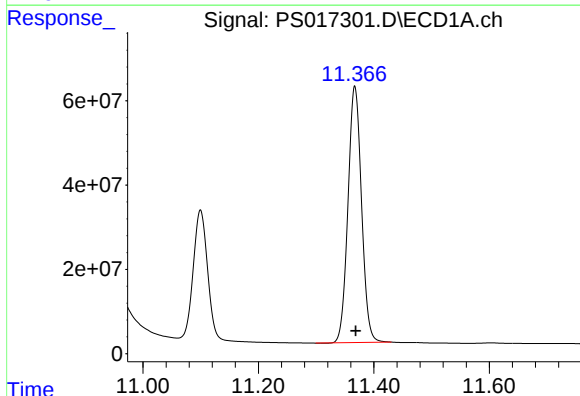
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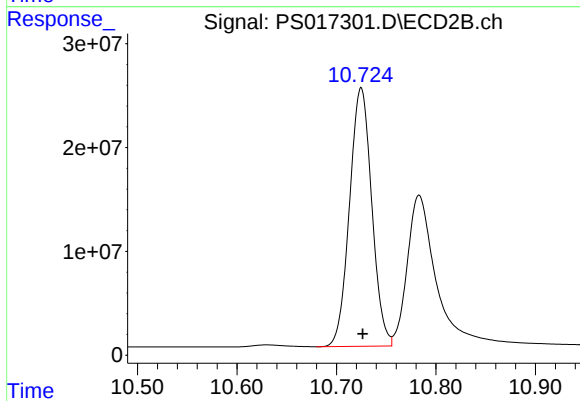
#15 Picloram

R.T.: 10.783 min
Delta R.T.: 0.008 min
Response: 295127524
Conc: 77.06 ng/ml



#16 DCPA

R.T.: 11.367 min
Delta R.T.: -0.002 min
Response: 993040536
Conc: 97.51 ng/ml



#16 DCPA

R.T.: 10.725 min
Delta R.T.: -0.002 min
Response: 386864188
Conc: 90.66 ng/ml