

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041223\
 Data File : PS022673.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2023 16:45
 Operator : AR\AJ
 Sample : 02213-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/13/2023
 Supervised By :Ankita Jodhani 04/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 22:03:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS041223.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 12 14:05:56 2023
 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	6.484	6.872	1345.7E6	556.5E6	540.513	546.131
Target Compounds							
1) T	Dalapon	2.539	2.571	289.0E6	250.2E6	97.857	158.032m#
2) T	3,5-DICHL...	5.837	6.033	394.6E6	150.6E6	116.779	96.595
3) T	4-Nitroph...	6.317	6.475	207.9E6	58920262	112.067	92.684m
5) T	DICAMBA	6.633	7.040	1094.5E6	408.6E6	99.669m	88.752
6) T	MCP	6.789	7.132	65500098	33134799	7.784m	9.515
7) T	MCPA	6.917	7.342	105.1E6	61746725	8.853	12.770 #
8) T	DICHLORPROP	7.245	7.663	341.1E6	117.0E6	112.127	105.079
9) T	2,4-D	7.446	7.952	423.0E6	148.8E6	114.222	116.205
10) T	Pentachlo...	7.682	8.385	5004.0E6	1699.5E6	125.108	105.950
11) T	2,4,5-TP ...	8.218	8.746	2221.1E6	650.4E6	121.181	104.295
12) T	2,4,5-T	8.477	9.122	2165.0E6	608.3E6	115.766	102.814
13) T	2,4-DB	8.994	9.631	439.9E6	81121401	102.934	108.270
14) T	DINOSEB	10.066	9.961	1494.4E6	436.7E6	105.420	98.911
15) T	Picloram	9.884	10.930	2839.5E6	660.9E6	95.329	81.254
16) T	DCPA	10.333	10.893	2770.7E6	747.8E6	123.936	107.681

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

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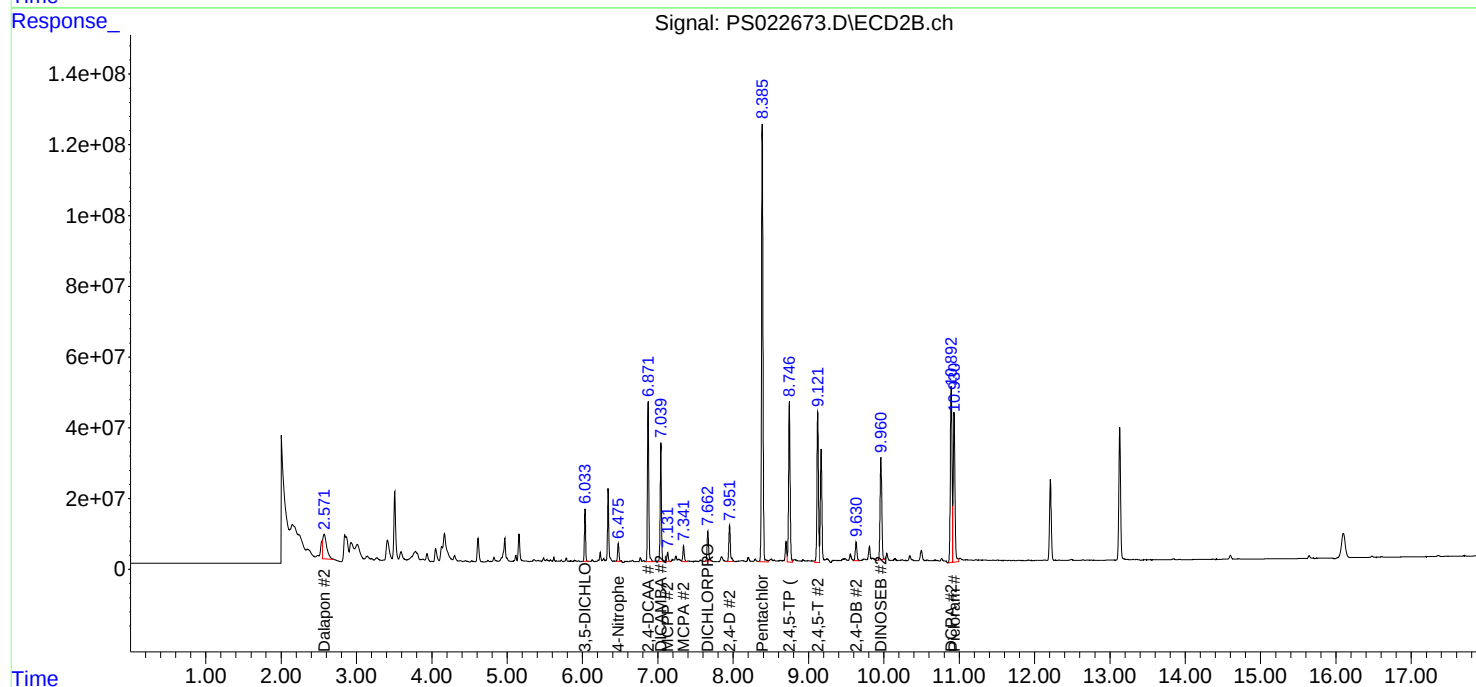
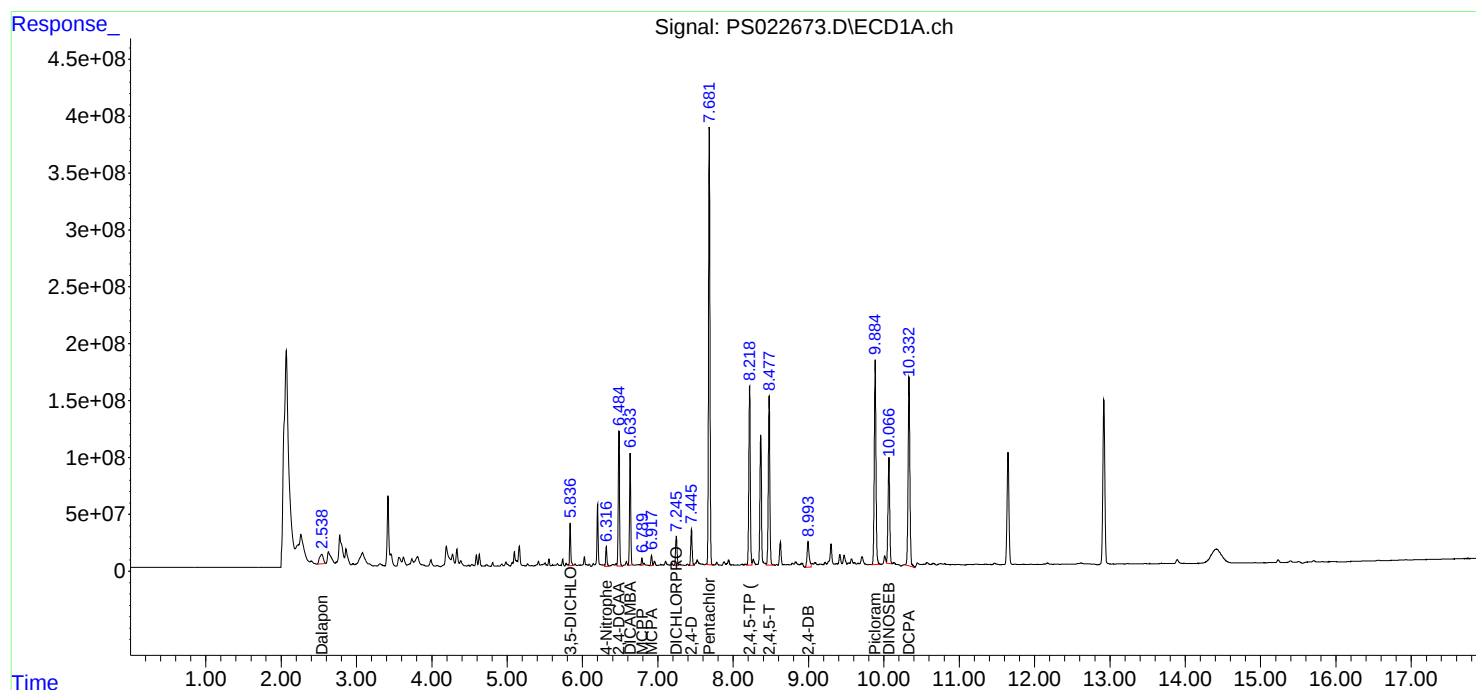
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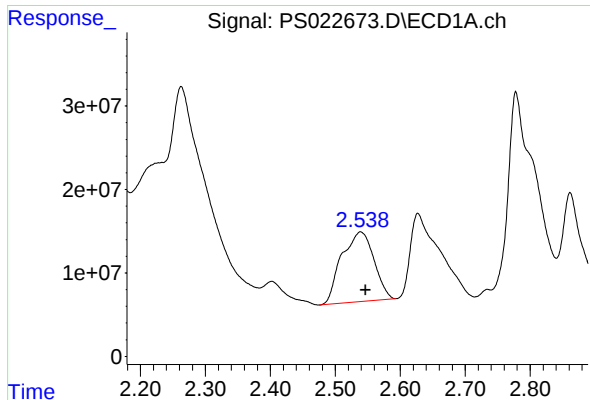
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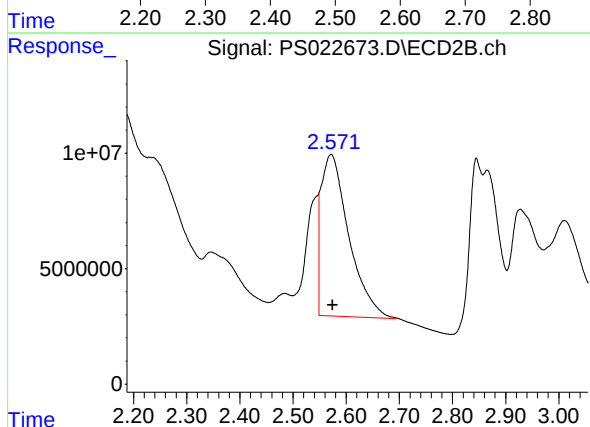
#1 Dalapon

R.T.: 2.539 min
Delta R.T.: -0.008 min
Response: 289005976
Conc: 97.86 ng/ml

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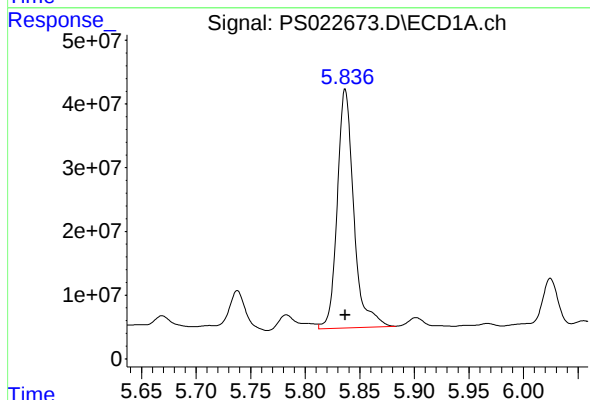
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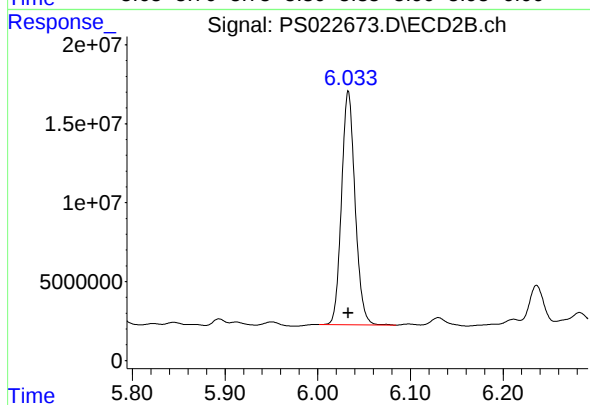
#1 Dalapon

R.T.: 2.571 min
Delta R.T.: -0.003 min
Response: 250170488
Conc: 158.03 ng/ml



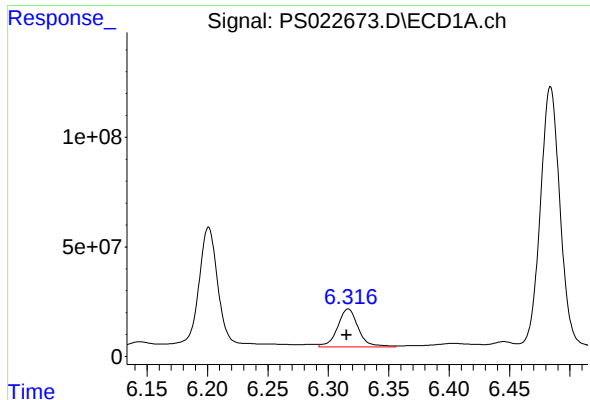
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.837 min
Delta R.T.: 0.000 min
Response: 394602861
Conc: 116.78 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 150627794
Conc: 96.59 ng/ml



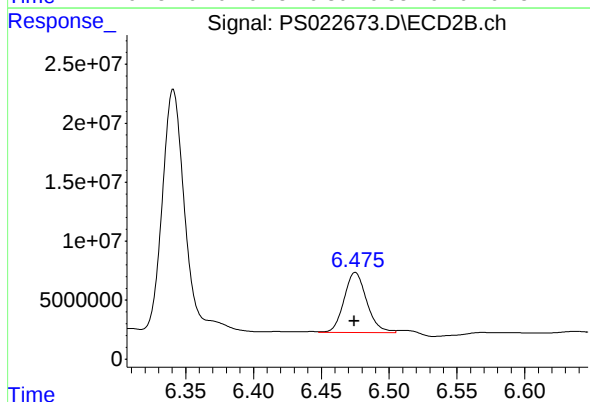
#3 4-Nitrophenol

R.T.: 6.317 min
Delta R.T.: 0.001 min
Response: 207948674
Conc: 112.07 ng/ml

Instrument :
ECD_S
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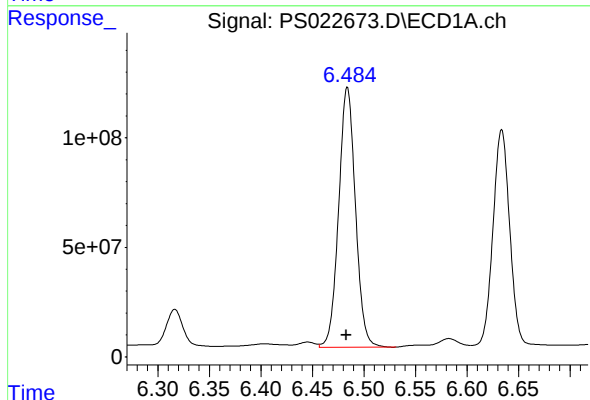
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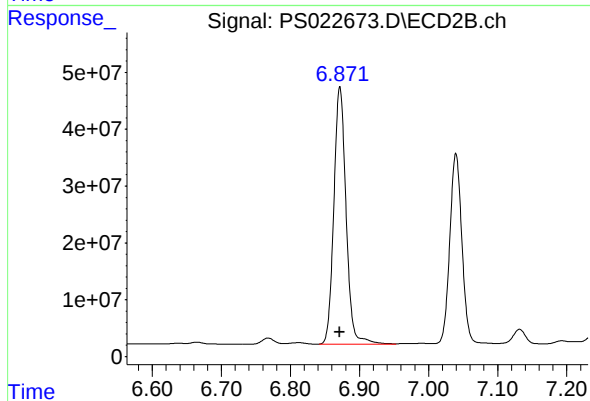
#3 4-Nitrophenol

R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 58920262
Conc: 92.68 ng/ml



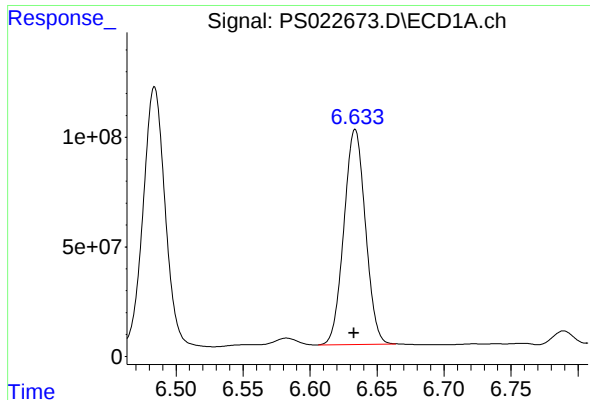
#4 2,4-DCAA

R.T.: 6.484 min
Delta R.T.: 0.000 min
Response: 1345716334
Conc: 540.51 ng/ml



#4 2,4-DCAA

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 556477678
Conc: 546.13 ng/ml



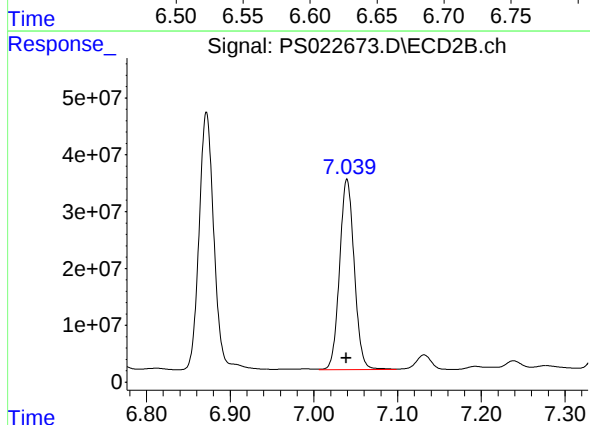
#5 DICAMBA

R.T.: 6.633 min
Delta R.T.: 0.000 min
Response: 1094547698
Conc: 99.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

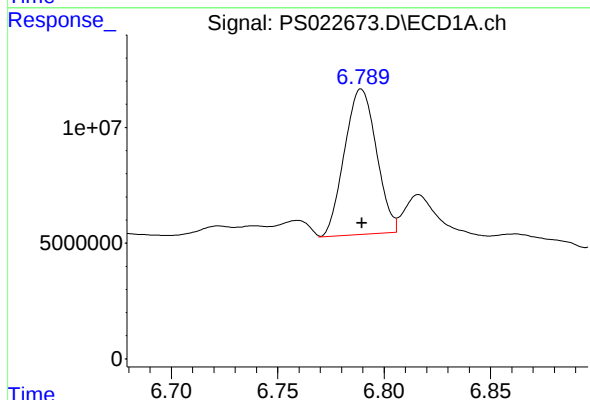
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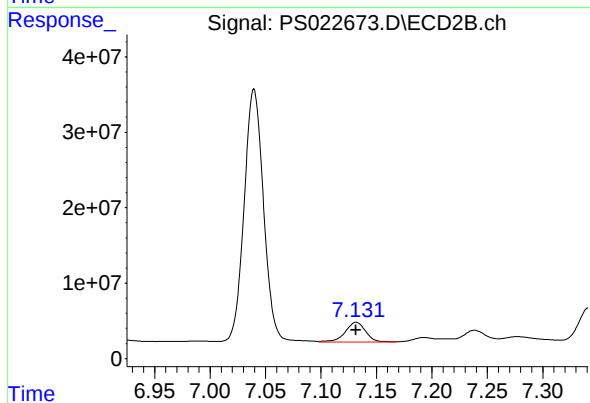
#5 DICAMBA

R.T.: 7.040 min
Delta R.T.: 0.000 min
Response: 408628026
Conc: 88.75 ng/ml



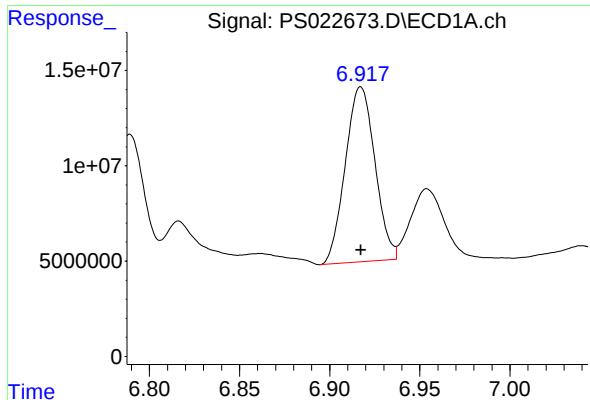
#6 MCPP

R.T.: 6.789 min
Delta R.T.: 0.000 min
Response: 65500098
Conc: 7.78 ug/ml m



#6 MCPP

R.T.: 7.132 min
Delta R.T.: 0.000 min
Response: 33134799
Conc: 9.51 ug/ml



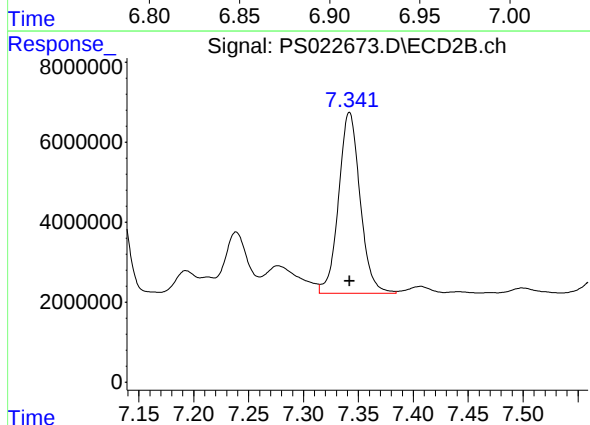
#7 MCPA

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 105092795
Conc: 8.85 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

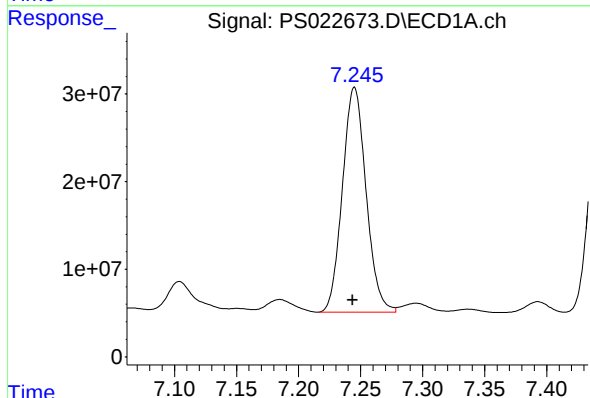
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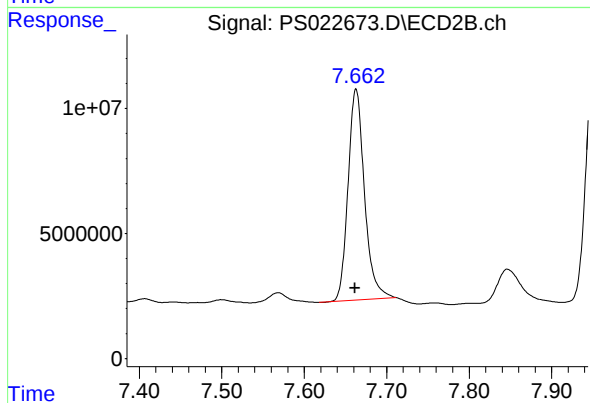
#7 MCPA

R.T.: 7.342 min
Delta R.T.: 0.000 min
Response: 61746725
Conc: 12.77 ug/ml



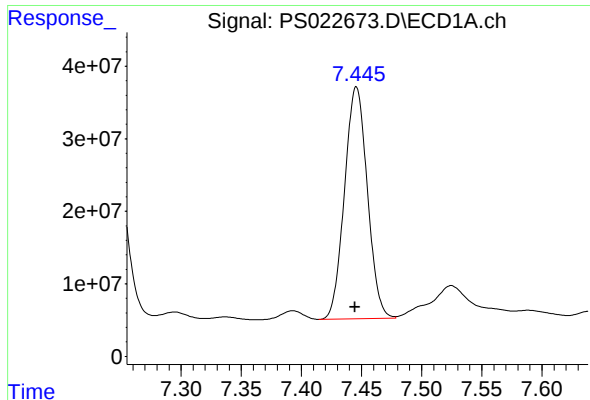
#8 DICHLORPROP

R.T.: 7.245 min
Delta R.T.: 0.002 min
Response: 341050533
Conc: 112.13 ng/ml



#8 DICHLORPROP

R.T.: 7.663 min
Delta R.T.: 0.001 min
Response: 117015439
Conc: 105.08 ng/ml



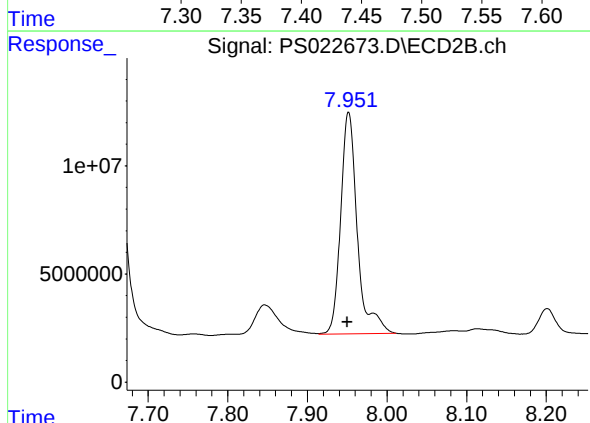
#9 2,4-D

R.T.: 7.446 min
Delta R.T.: 0.001 min
Response: 422962380
Conc: 114.22 ng/ml

Instrument :
ECD_S
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LOD-MDL-WATER-01-QT2-2023

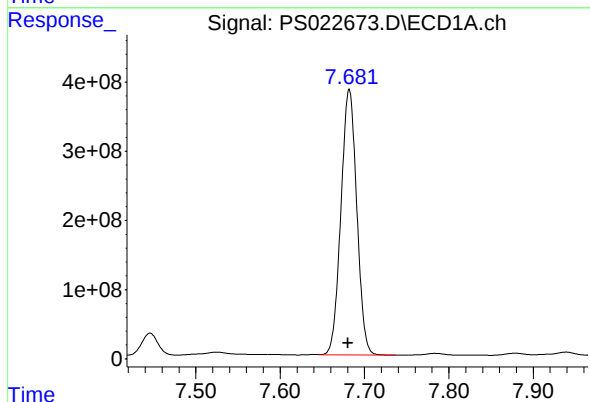
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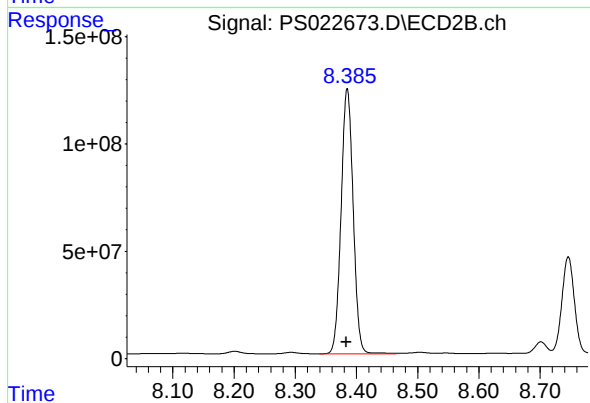
#9 2,4-D

R.T.: 7.952 min
Delta R.T.: 0.002 min
Response: 148834049
Conc: 116.21 ng/ml



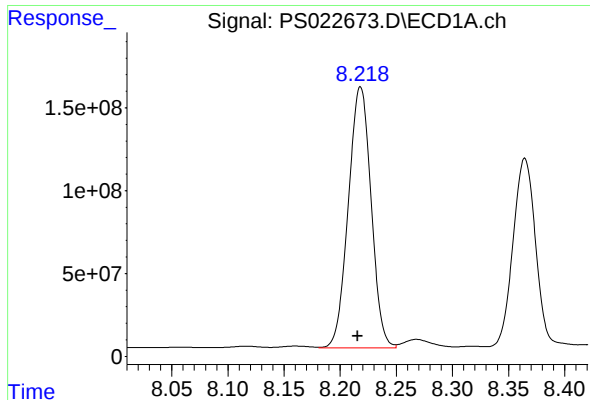
#10 Pentachlorophenol

R.T.: 7.682 min
Delta R.T.: 0.002 min
Response: 5003976867
Conc: 125.11 ng/ml



#10 Pentachlorophenol

R.T.: 8.385 min
Delta R.T.: 0.002 min
Response: 1699541296
Conc: 105.95 ng/ml



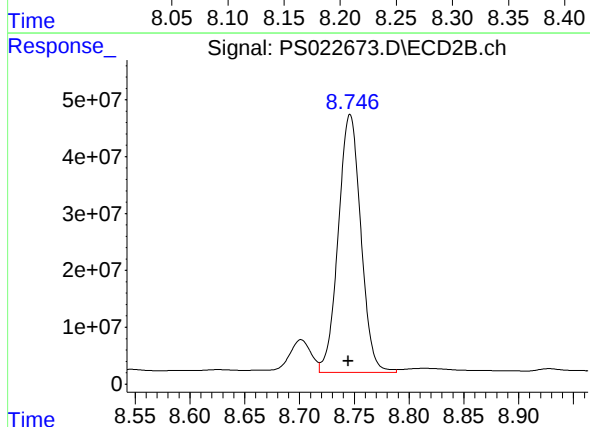
#11 2,4,5-TP (SILVEX)

R.T.: 8.218 min
Delta R.T.: 0.003 min
Response: 2221079691
Conc: 121.18 ng/ml

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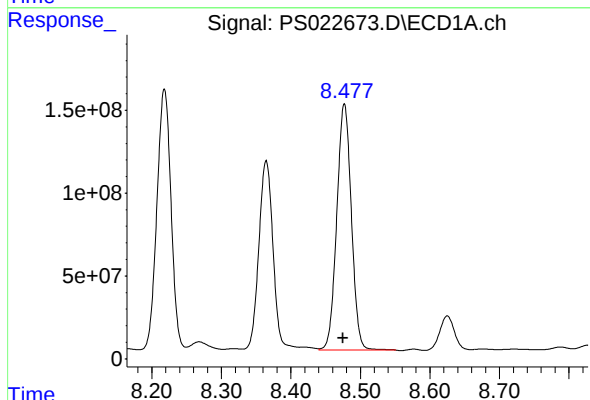
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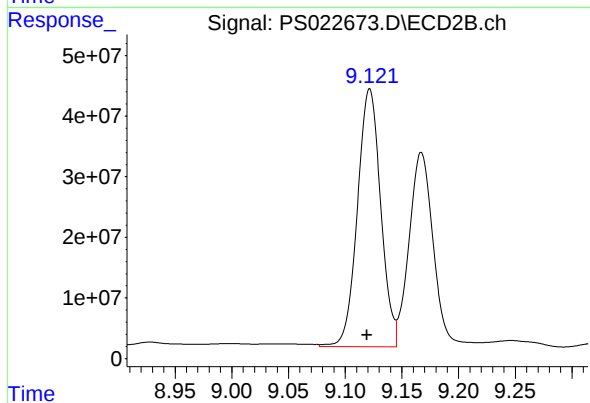
#11 2,4,5-TP (SILVEX)

R.T.: 8.746 min
Delta R.T.: 0.002 min
Response: 650350838
Conc: 104.30 ng/ml



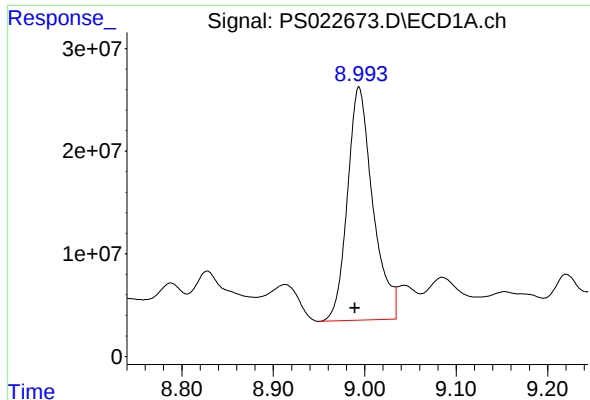
#12 2,4,5-T

R.T.: 8.477 min
Delta R.T.: 0.002 min
Response: 2164984258
Conc: 115.77 ng/ml



#12 2,4,5-T

R.T.: 9.122 min
Delta R.T.: 0.002 min
Response: 608268464
Conc: 102.81 ng/ml



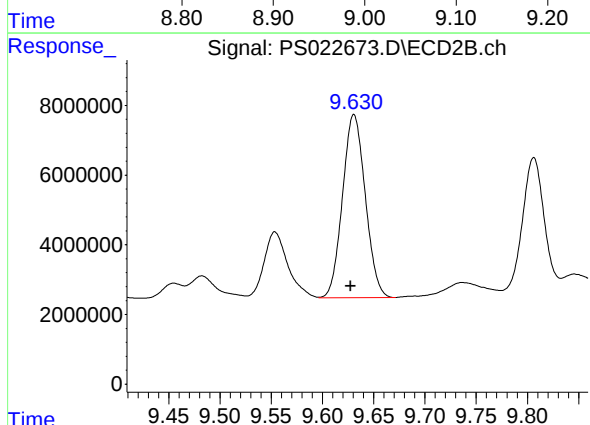
#13 2,4-DB

R.T.: 8.994 min
Delta R.T.: 0.004 min
Response: 439852949
Conc: 102.93 ng/ml

Instrument :
ECD_S
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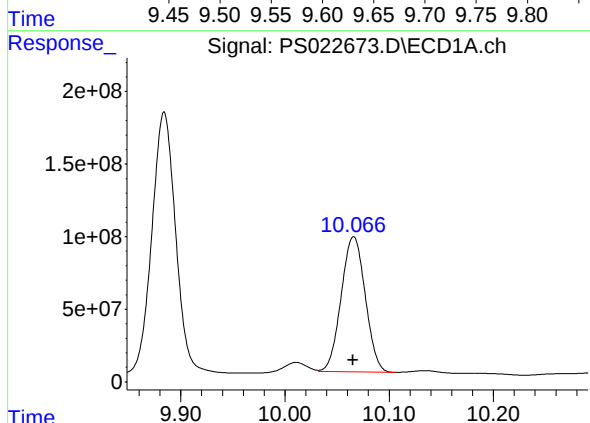
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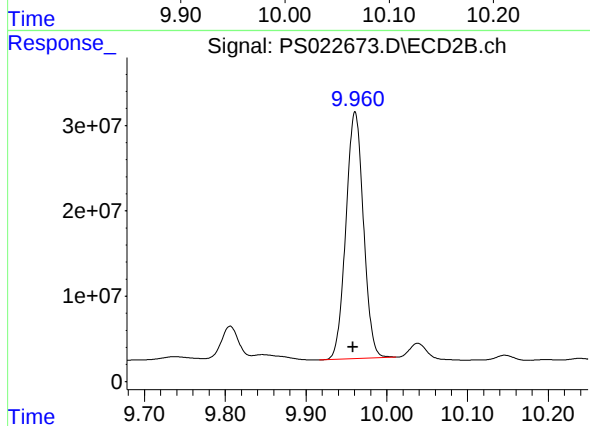
#13 2,4-DB

R.T.: 9.631 min
Delta R.T.: 0.003 min
Response: 81121401
Conc: 108.27 ng/ml



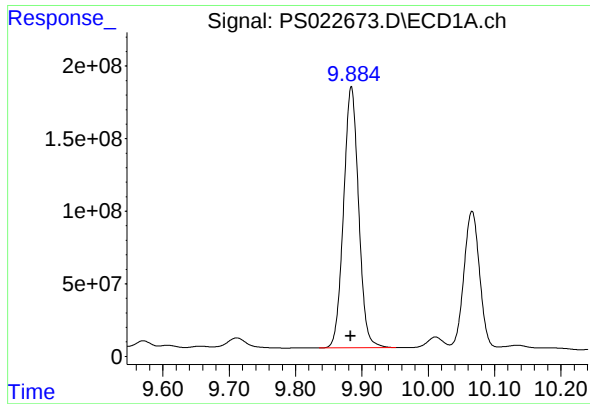
#14 DINOSEB

R.T.: 10.066 min
Delta R.T.: 0.000 min
Response: 1494405783
Conc: 105.42 ng/ml



#14 DINOSEB

R.T.: 9.961 min
Delta R.T.: 0.002 min
Response: 436722245
Conc: 98.91 ng/ml



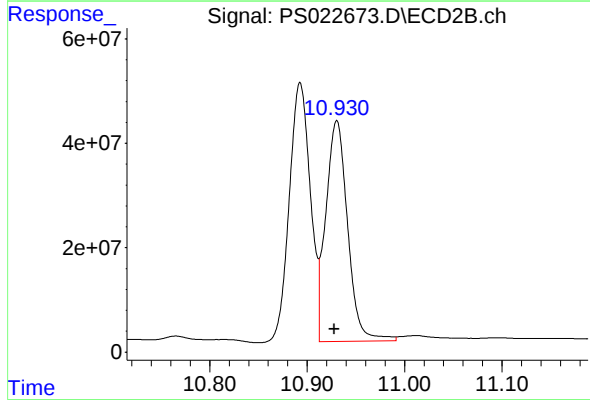
#15 Picloram

R.T.: 9.884 min
Delta R.T.: 0.000 min
Response: 2839479070
Conc: 95.33 ng/ml

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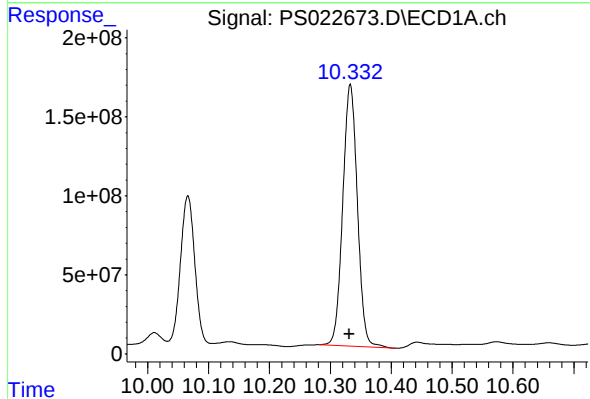
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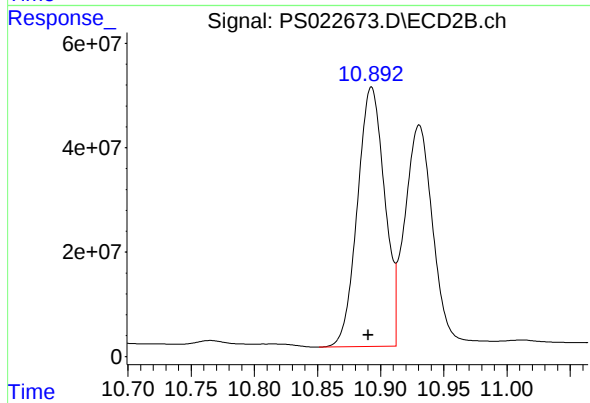
#15 Picloram

R.T.: 10.930 min
Delta R.T.: 0.002 min
Response: 660899419
Conc: 81.25 ng/ml



#16 DCPA

R.T.: 10.333 min
Delta R.T.: 0.001 min
Response: 2770651085
Conc: 123.94 ng/ml



#16 DCPA

R.T.: 10.893 min
Delta R.T.: 0.002 min
Response: 747765609
Conc: 107.68 ng/ml