

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050824\
 Data File : PS026691.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2024 04:46
 Operator : AR\AJ
 Sample : P2403-07
 Misc : LOD WATER 100PPB
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/09/2024
 Supervised By :Ankita Jodhani 05/09/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 06:38:06 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	7.272	7.781	1522.6E6	923.1E6	612.264	553.587m
Target Compounds							
1) T	Dalapon	2.655	2.711	319.1E6	293.0E6	87.238m	99.942m
2) T	3,5-DICHL...	6.438	6.728	374.0E6	282.0E6	108.729	115.256
3) T	4-Nitroph...	7.074	7.306	169.6E6	113.8E6	105.240	100.035m
5) T	DICAMBA	7.460	7.981	1062.4E6	752.7E6	103.590	101.663m
6) T	MCPD	7.635	8.079	71519870	44051365	9.626m	8.570
7) T	MCPA	7.785	8.322	105.6E6	90737580	9.542	12.135 #
8) T	DICHLORPROP	8.165	8.697	349.3E6	222.8E6	116.552	116.143
9) T	2,4-D	8.396	9.029	434.6E6	272.0E6	132.036	131.991
10) T	Pentachlo...	8.694	9.560	4646.9E6	3177.1E6	113.480m	116.250
11) T	2,4,5-TP ...	9.274	9.935	1903.0E6	1429.0E6	114.337	129.497m
12) T	2,4,5-T	9.567	10.355	1812.3E6	1238.5E6	106.338	114.335
13) T	2,4-DB	10.139	10.947	302.6E6	223.7E6	127.629m	164.574m#
14) T	DINOSEB	11.351	11.301	1196.6E6	968.5E6	116.534m	140.995
15) T	Picloram	11.158	12.398	2162.4E6	1615.1E6	96.806m	100.781
16) T	DCPA	11.641	12.344	1421.6E6	1583.4E6	75.512	119.757m#

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

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Operator : AR\AJ
Sample : P2403-07
Misc : LOD WATER 100PPB
ALS Vial : 19 Sample Multiplier: 1

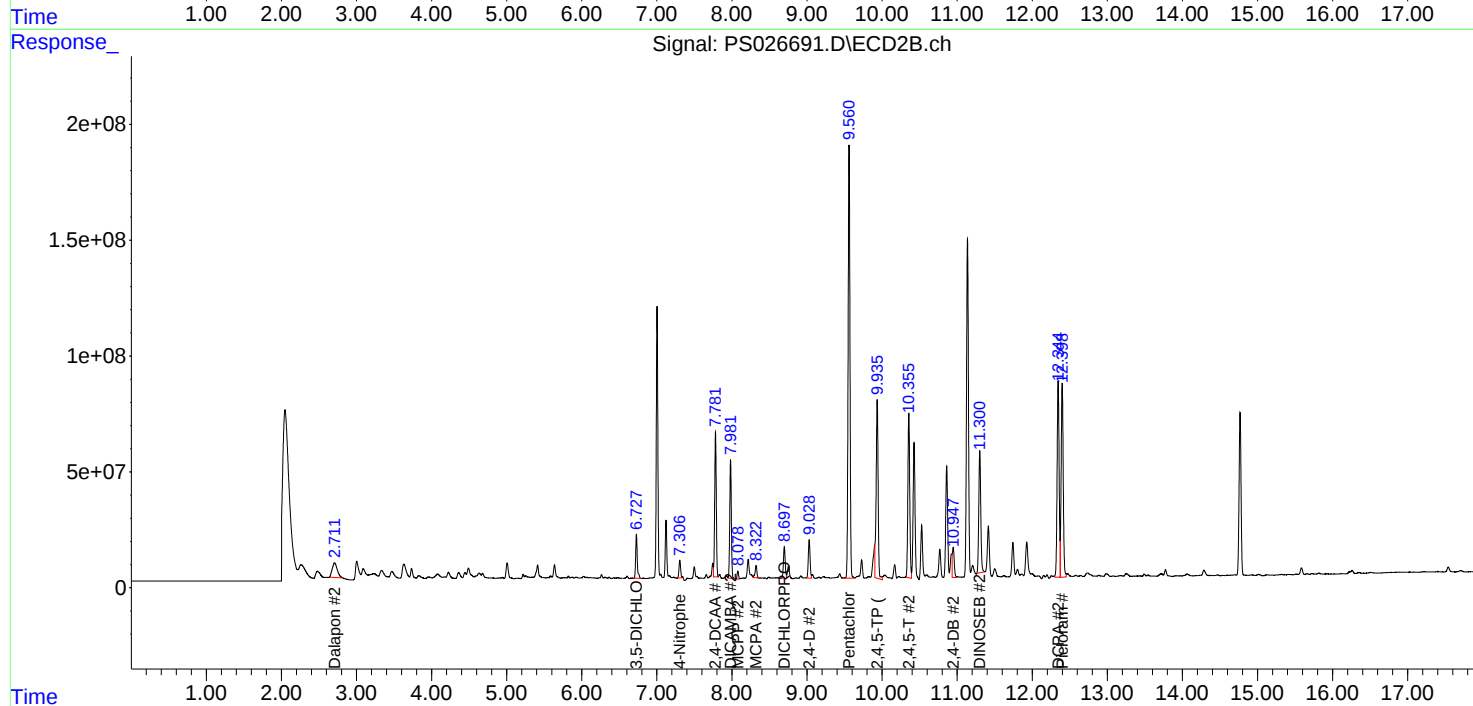
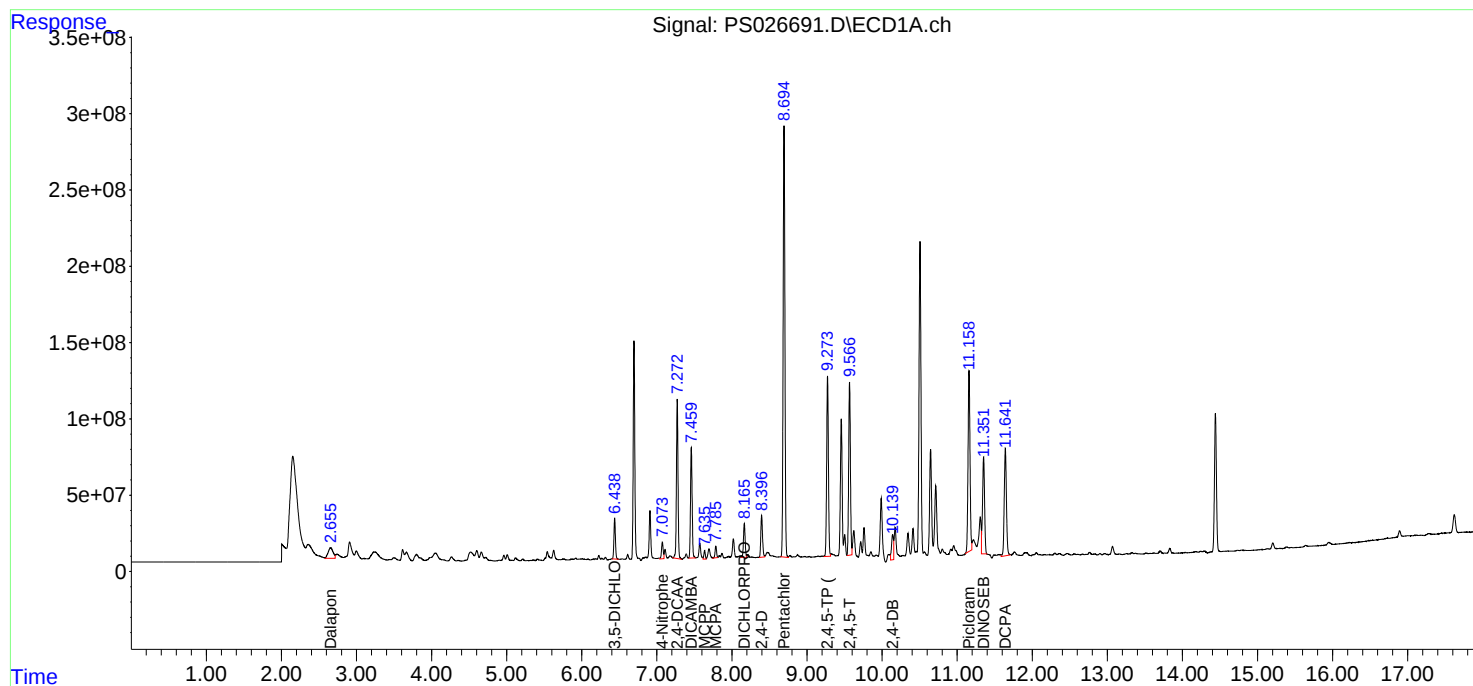
Instrument :
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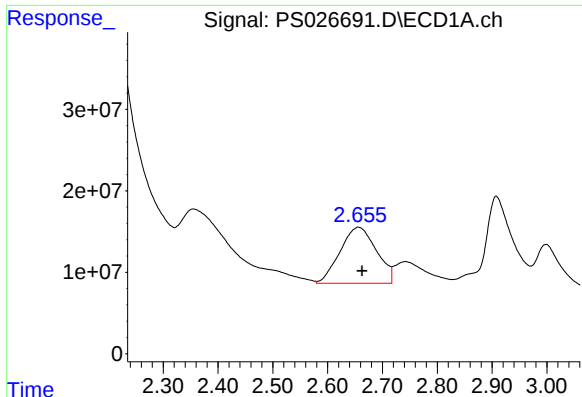
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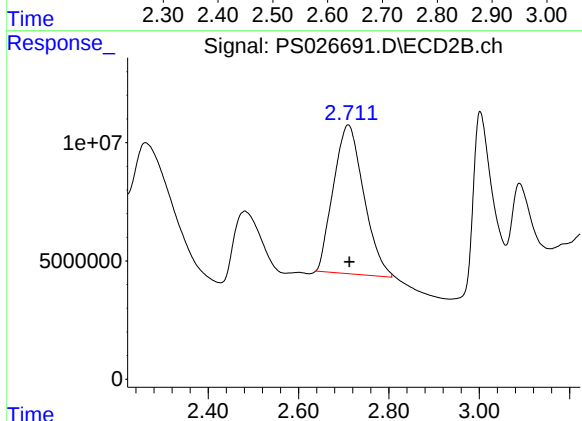
#1 Dalapon

R.T.: 2.655 min
Delta R.T.: -0.008 min
Response: 319053107
Conc: 87.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

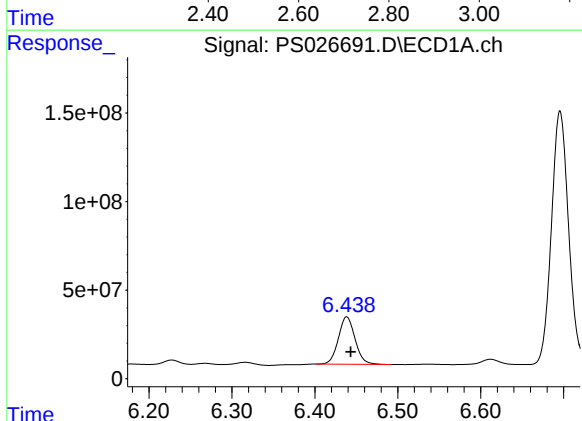
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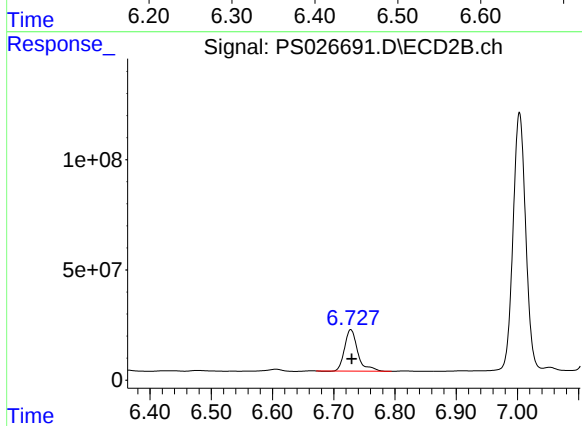
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: -0.002 min
Response: 293004198
Conc: 99.94 ng/ml m



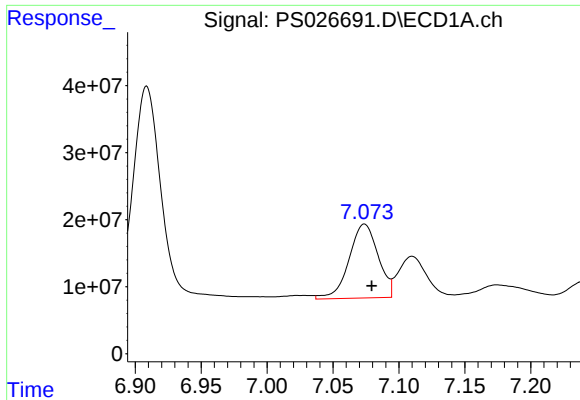
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.438 min
Delta R.T.: -0.005 min
Response: 373962044
Conc: 108.73 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.728 min
Delta R.T.: -0.002 min
Response: 281957197
Conc: 115.26 ng/ml



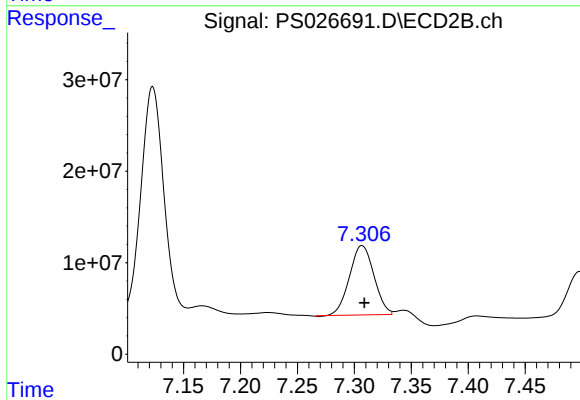
#3 4-Nitrophenol

R.T.: 7.074 min
Delta R.T.: -0.005 min
Response: 169557342
Conc: 105.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
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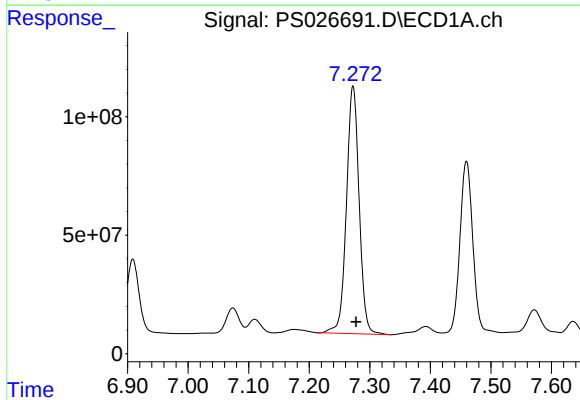
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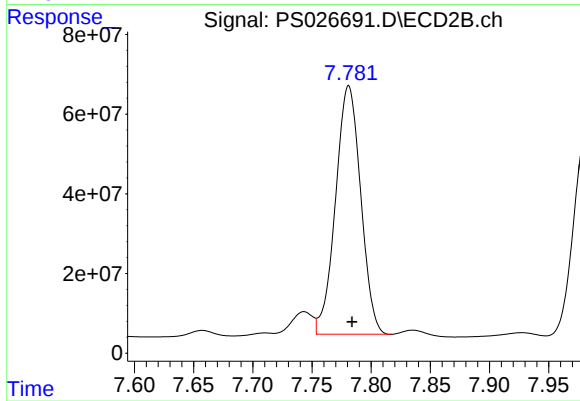
#3 4-Nitrophenol

R.T.: 7.306 min
Delta R.T.: -0.003 min
Response: 113766536
Conc: 100.04 ng/ml m



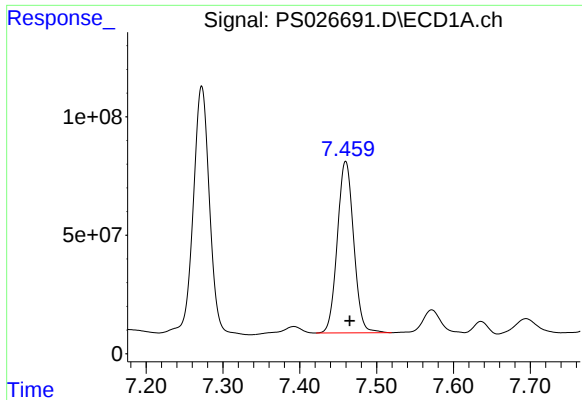
#4 2,4-DCAA

R.T.: 7.272 min
Delta R.T.: -0.005 min
Response: 1522613404
Conc: 612.26 ng/ml



#4 2,4-DCAA

R.T.: 7.781 min
Delta R.T.: -0.003 min
Response: 923059736
Conc: 553.59 ng/ml m



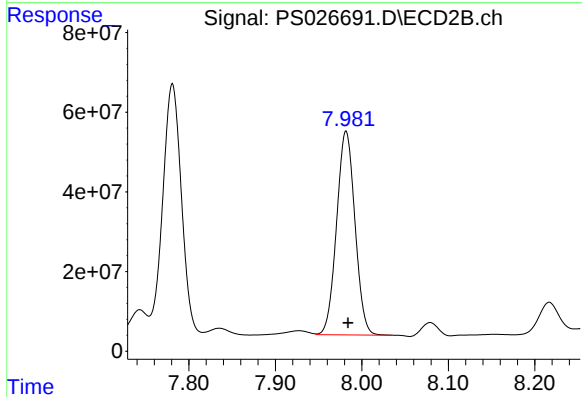
#5 DICAMBA

R.T.: 7.460 min
Delta R.T.: -0.006 min
Response: 1062381184
Conc: 103.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

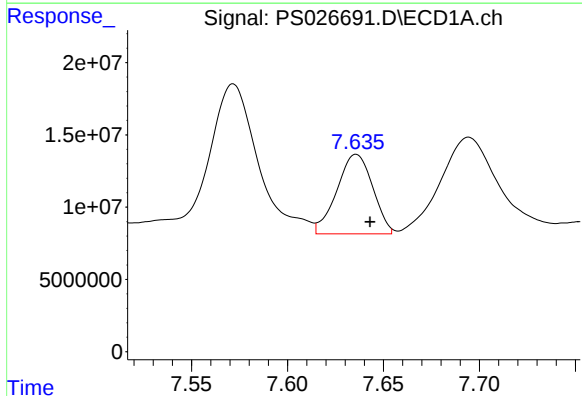
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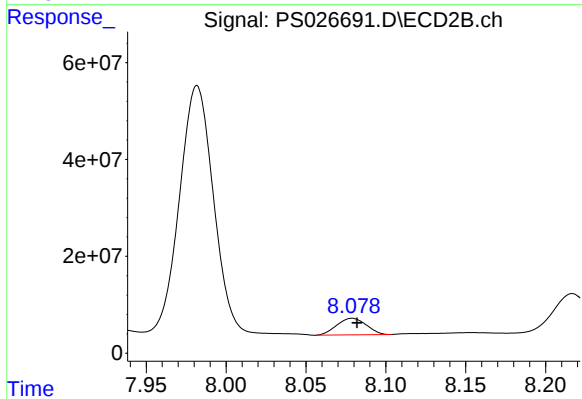
#5 DICAMBA

R.T.: 7.981 min
Delta R.T.: -0.003 min
Response: 752714316
Conc: 101.66 ng/ml m



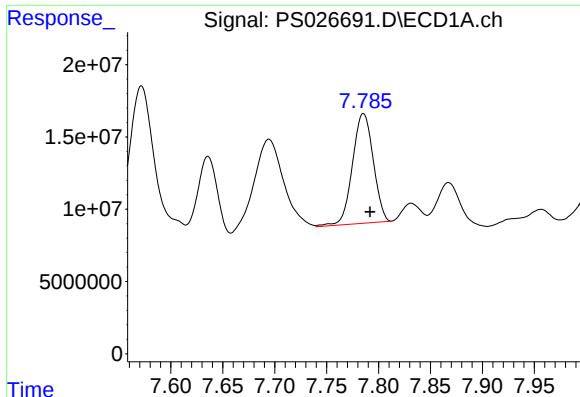
#6 MCPP

R.T.: 7.635 min
Delta R.T.: -0.008 min
Response: 71519870
Conc: 9.63 ug/ml m



#6 MCPP

R.T.: 8.079 min
Delta R.T.: -0.003 min
Response: 44051365
Conc: 8.57 ug/ml



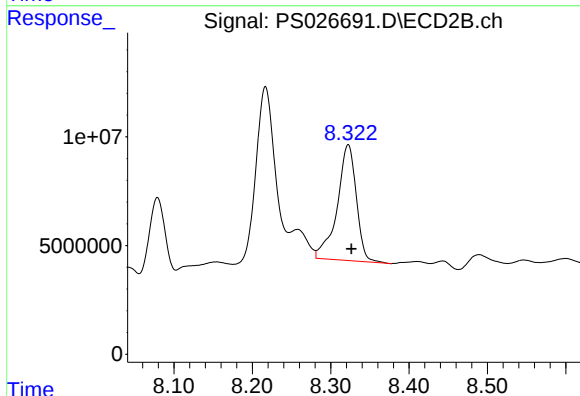
#7 MCPA

R.T.: 7.785 min
Delta R.T.: -0.006 min
Response: 105622294
Conc: 9.54 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

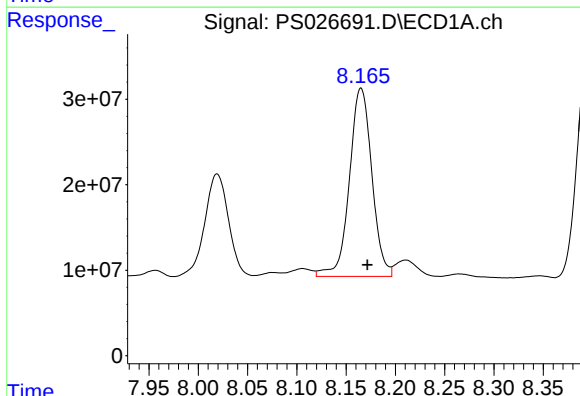
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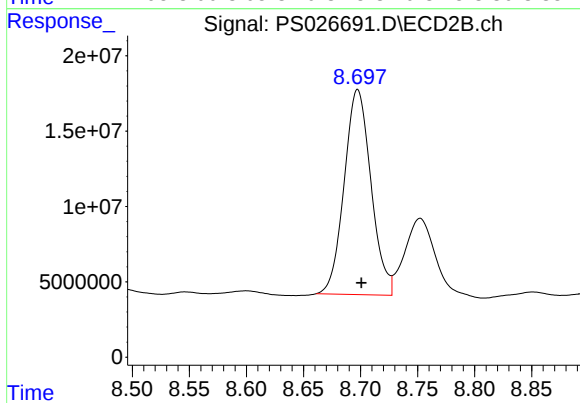
#7 MCPA

R.T.: 8.322 min
Delta R.T.: -0.004 min
Response: 90737580
Conc: 12.13 ug/ml



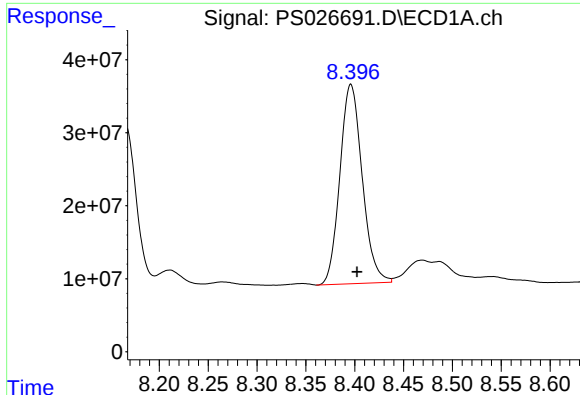
#8 DICHLORPROP

R.T.: 8.165 min
Delta R.T.: -0.007 min
Response: 349271246
Conc: 116.55 ng/ml



#8 DICHLORPROP

R.T.: 8.697 min
Delta R.T.: -0.003 min
Response: 222846358
Conc: 116.14 ng/ml



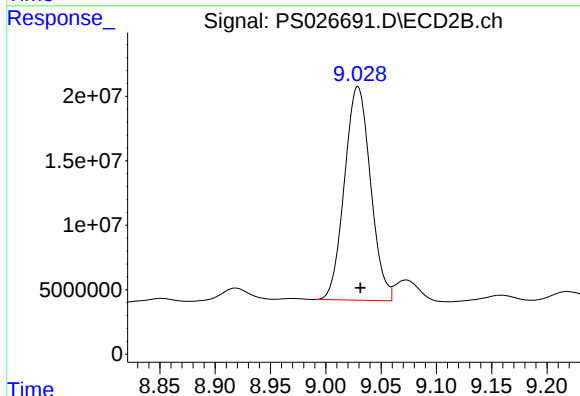
#9 2,4-D

R.T.: 8.396 min
Delta R.T.: -0.006 min
Response: 434633804
Conc: 132.04 ng/ml

Instrument :
ECD_S
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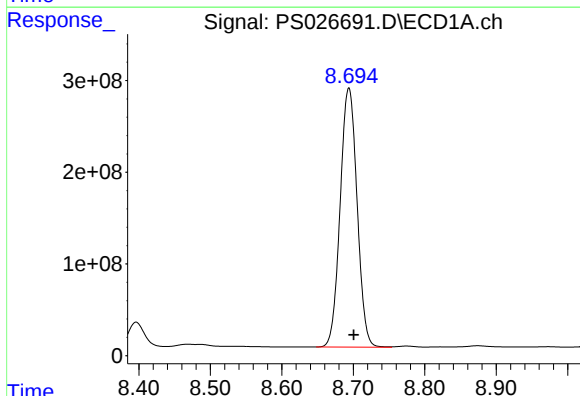
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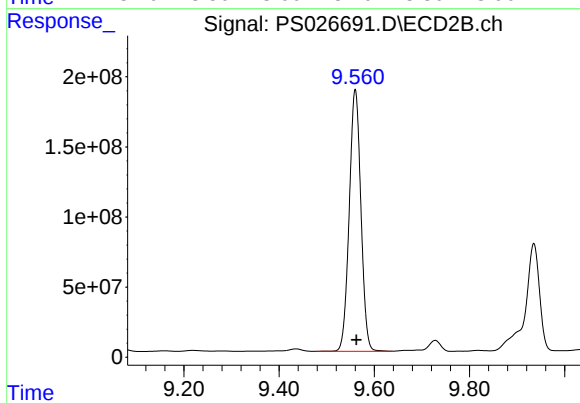
#9 2,4-D

R.T.: 9.029 min
Delta R.T.: -0.002 min
Response: 271953501
Conc: 131.99 ng/ml



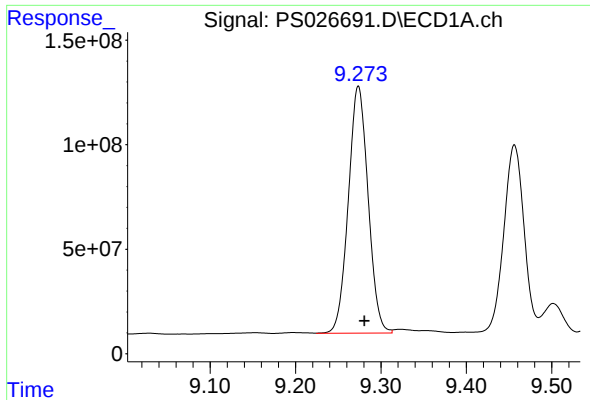
#10 Pentachlorophenol

R.T.: 8.694 min
Delta R.T.: -0.007 min
Response: 4646902437
Conc: 113.48 ng/ml m



#10 Pentachlorophenol

R.T.: 9.560 min
Delta R.T.: -0.003 min
Response: 3177136047
Conc: 116.25 ng/ml



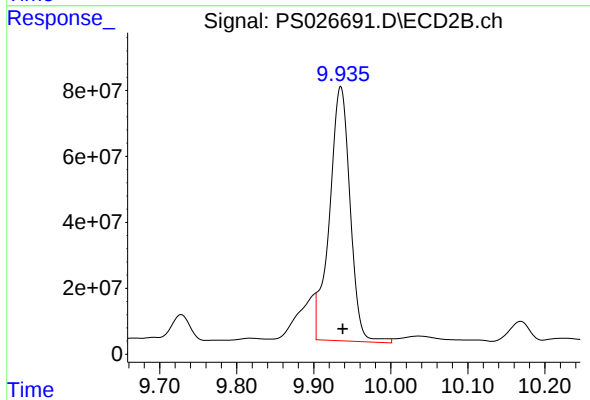
#11 2,4,5-TP (SILVEX)

R.T.: 9.274 min
Delta R.T.: -0.007 min
Response: 1903018555
Conc: 114.34 ng/ml

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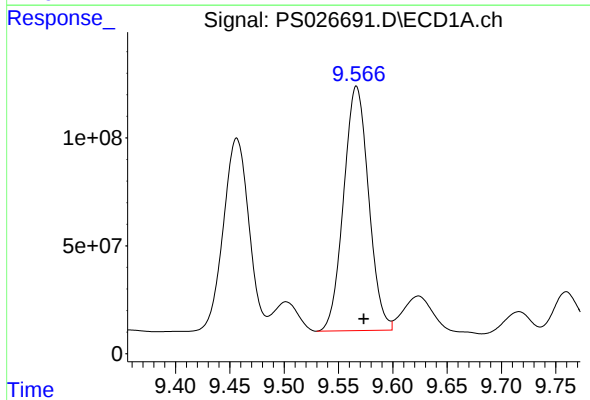
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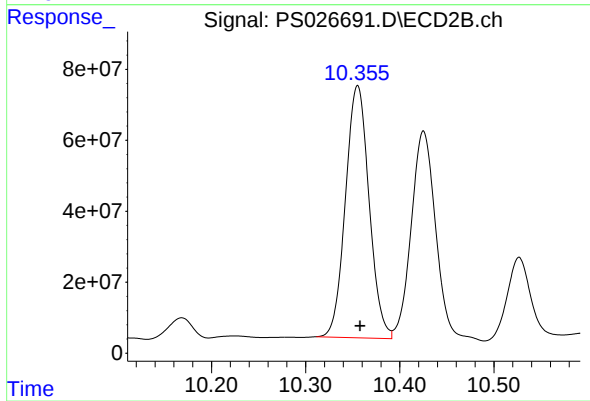
#11 2,4,5-TP (SILVEX)

R.T.: 9.935 min
Delta R.T.: -0.003 min
Response: 1429015304
Conc: 129.50 ng/ml m



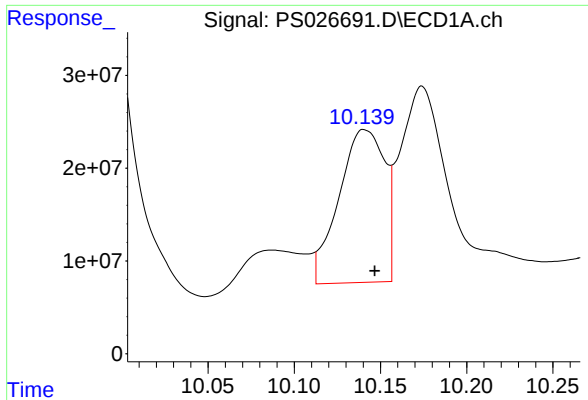
#12 2,4,5-T

R.T.: 9.567 min
Delta R.T.: -0.007 min
Response: 1812318242
Conc: 106.34 ng/ml



#12 2,4,5-T

R.T.: 10.355 min
Delta R.T.: -0.003 min
Response: 1238494900
Conc: 114.33 ng/ml



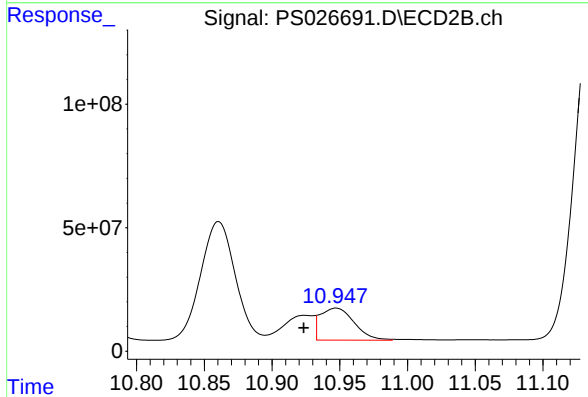
#13 2,4-DB

R.T.: 10.139 min
Delta R.T.: -0.007 min
Response: 302591272
Conc: 127.63 ng/ml

Instrument :
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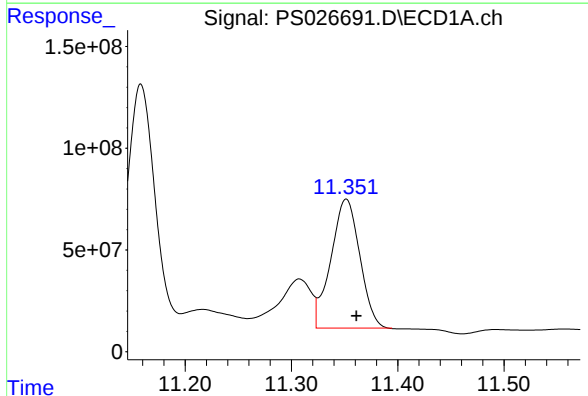
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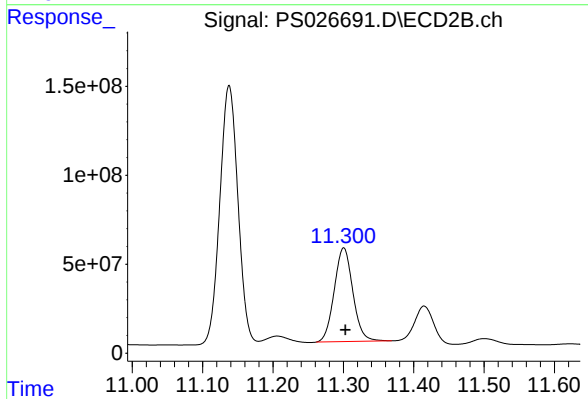
#13 2,4-DB

R.T.: 10.947 min
Delta R.T.: 0.024 min
Response: 223715713
Conc: 164.57 ng/ml m



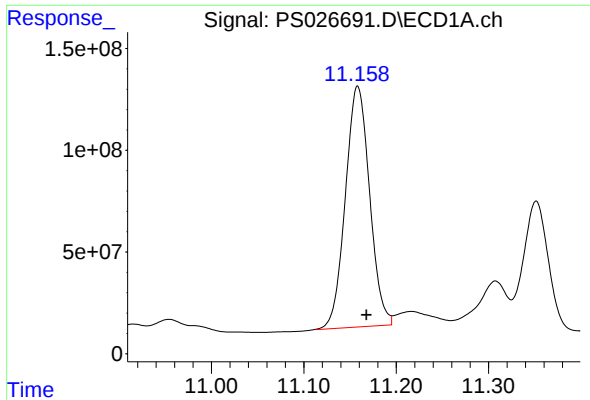
#14 DINOSEB

R.T.: 11.351 min
Delta R.T.: -0.010 min
Response: 1196556033
Conc: 116.53 ng/ml m



#14 DINOSEB

R.T.: 11.301 min
Delta R.T.: -0.003 min
Response: 968522807
Conc: 140.99 ng/ml



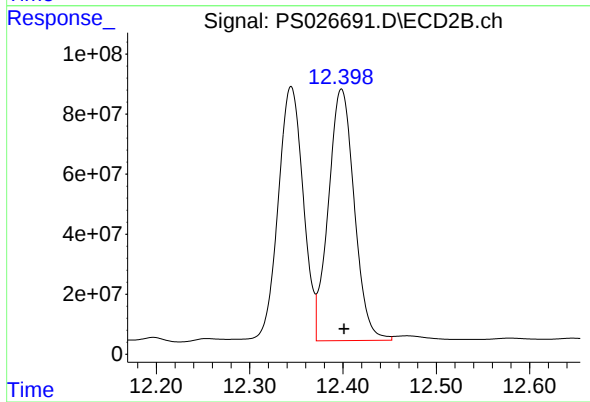
#15 Picloram

R.T.: 11.158 min
Delta R.T.: -0.010 min
Response: 2162366077
Conc: 96.81 ng/ml

Instrument :
ECD_S
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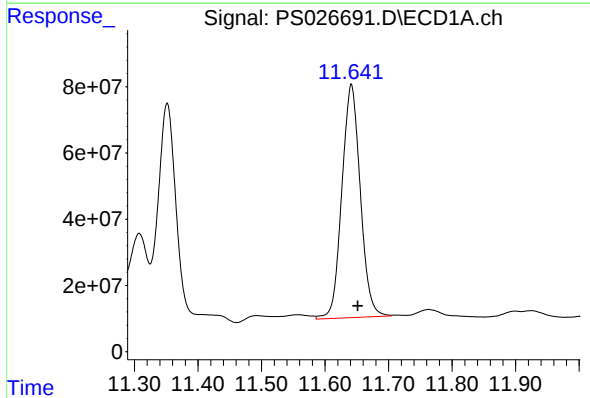
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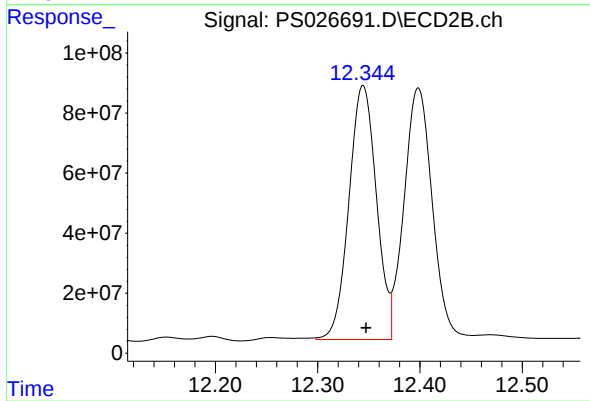
#15 Picloram

R.T.: 12.398 min
Delta R.T.: -0.003 min
Response: 1615079233
Conc: 100.78 ng/ml



#16 DCPA

R.T.: 11.641 min
Delta R.T.: -0.010 min
Response: 1421592861
Conc: 75.51 ng/ml



#16 DCPA

R.T.: 12.344 min
Delta R.T.: -0.003 min
Response: 1583389362
Conc: 119.76 ng/ml m