

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050824\
 Data File : PS026692.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2024 05:10
 Operator : AR\AJ
 Sample : P2403-07
 Misc : LOD WATER 150PPB
 ALS Vial : 20 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 06:42:02 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	1666.9E6	1011.2E6	670.285	606.427m
Target Compounds							
1) T	Dalapon	2.659	2.711	446.7E6	444.9E6	122.148m	151.753m
2) T	3,5-DICHL...	6.438	6.728	564.3E6	421.1E6	164.069	172.135
3) T	4-Nitroph...	7.073	7.306	250.7E6	168.3E6	155.600	147.973m
5) T	DICAMBA	7.460	7.981	1613.5E6	1165.9E6	157.329	157.469m
6) T	MCPD	7.636	8.079	104.5E6	72908808	14.063m	14.184
7) T	MCPA	7.786	8.323	165.6E6	130.6E6	14.960	17.463
8) T	DICHLORPROP	8.165	8.698	516.0E6	334.6E6	172.201	174.403
9) T	2,4-D	8.396	9.029	649.1E6	409.8E6	197.203	198.892
10) T	Pentachlo...	8.694	9.560	7195.0E6	4926.0E6	175.706	180.241
11) T	2,4,5-TP ...	9.274	9.934	2968.9E6	2097.0E6	178.376	190.034m
12) T	2,4,5-T	9.567	10.355	2780.7E6	1910.3E6	163.156	176.356
13) T	2,4-DB	10.140	10.946	390.3E6	196.1E6	164.617m	144.234m
14) T	DINOSEB	11.351	11.300	1833.3E6	1447.3E6	178.552m	210.699m
15) T	Picloram	11.158	12.398	3160.0E6	2316.1E6	141.471m	144.526
16) T	DCPA	11.642	12.344	2510.8E6	2489.7E6	133.370	188.304m#

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

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Sample : P2403-07
Misc : LOD WATER 150PPB
ALS Vial : 20 Sample Multiplier: 1

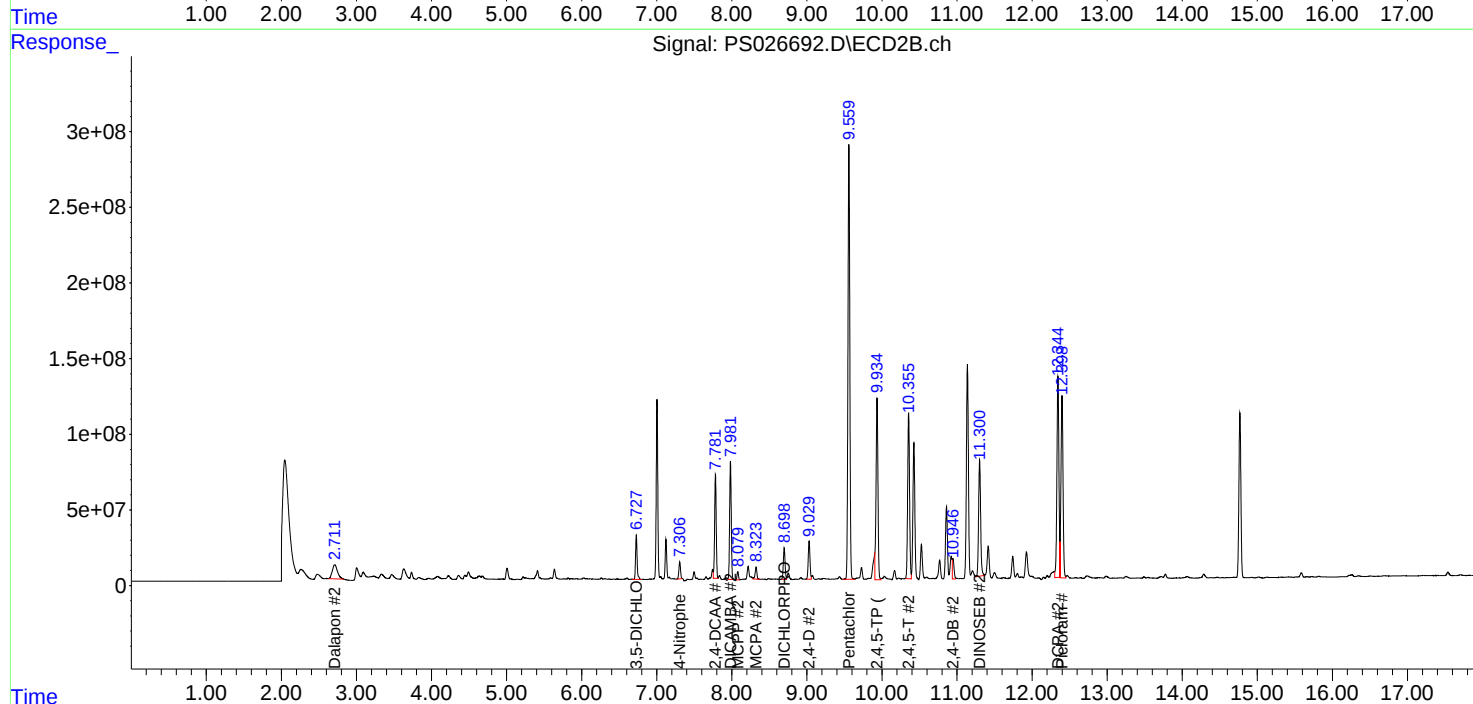
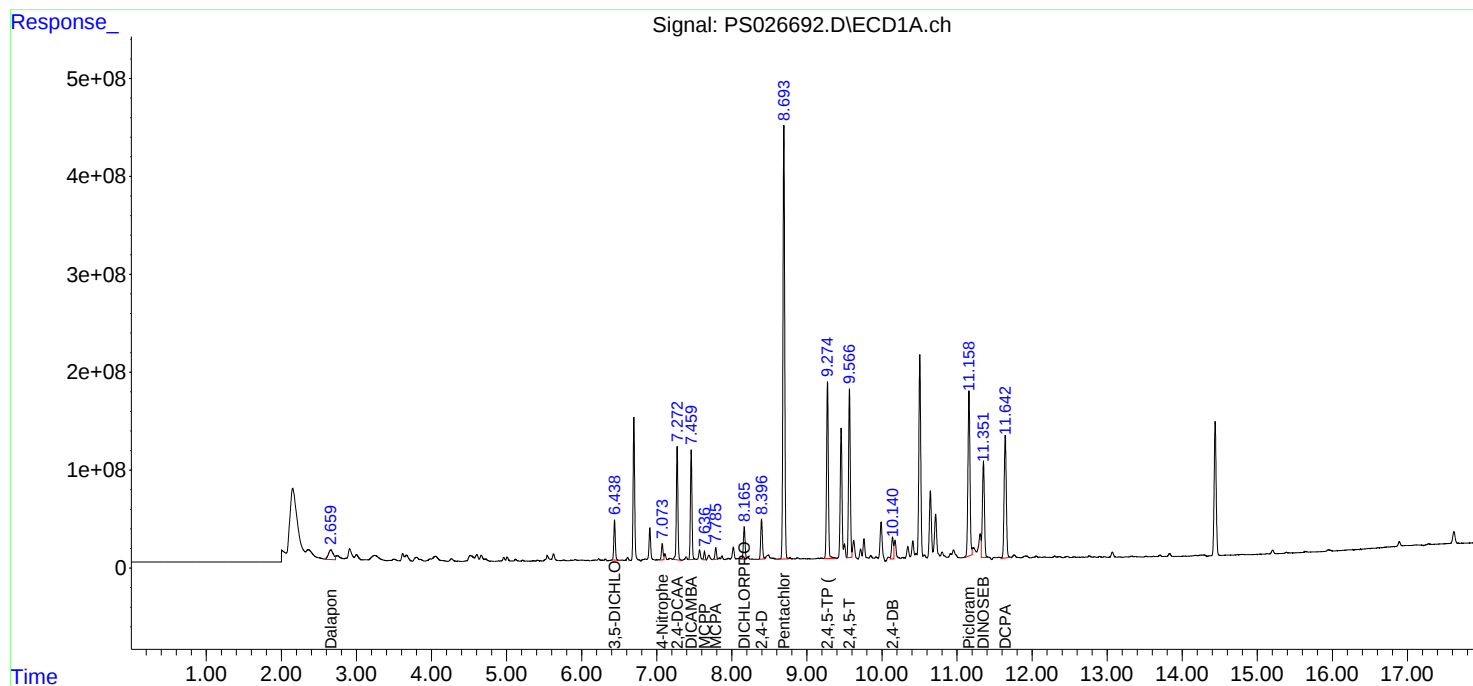
Instrument :
ECD_S
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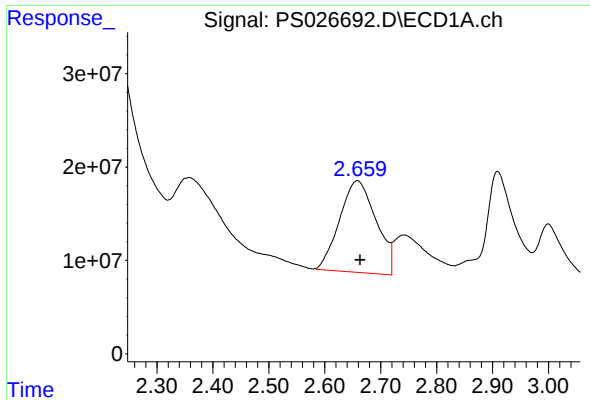
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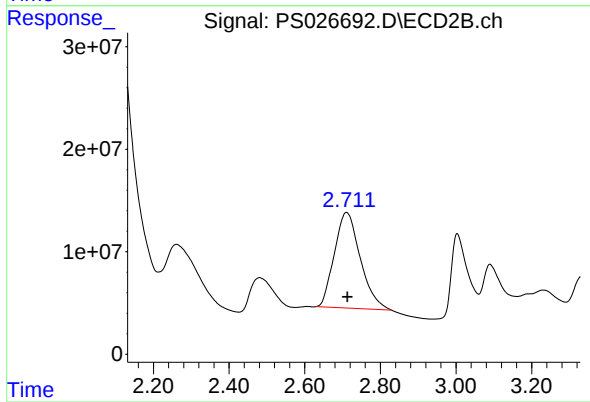
#1 Dalapon

R.T.: 2.659 min
Delta R.T.: -0.004 min
Response: 446729929
Conc: 122.15 ng/ml

Instrument :
ECD_S
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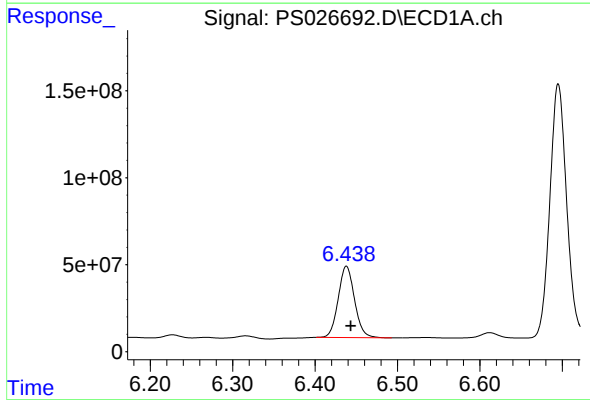
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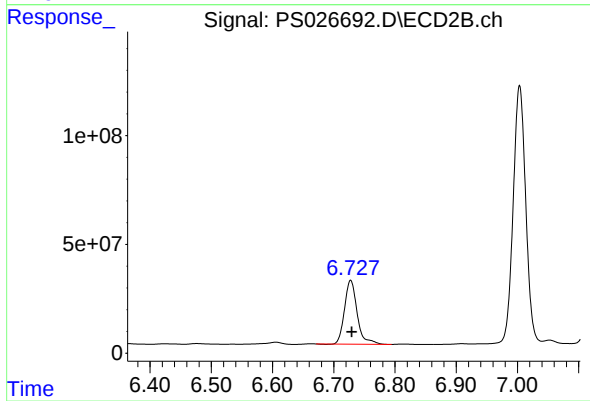
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: -0.002 min
Response: 444903516
Conc: 151.75 ng/ml m



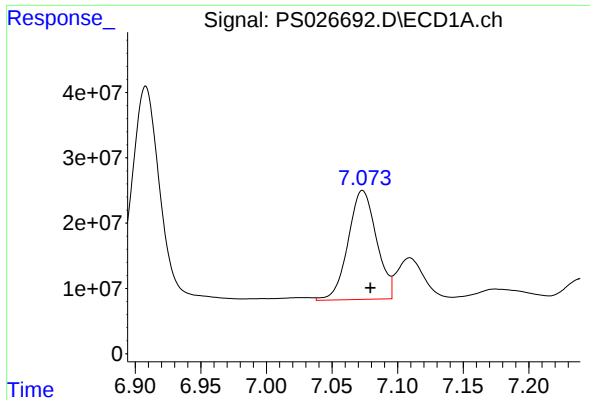
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.438 min
Delta R.T.: -0.005 min
Response: 564298553
Conc: 164.07 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.728 min
Delta R.T.: -0.002 min
Response: 421104892
Conc: 172.14 ng/ml



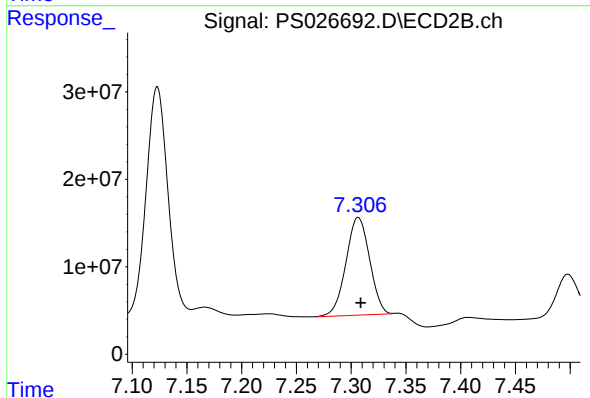
#3 4-Nitrophenol

R.T.: 7.073 min
Delta R.T.: -0.006 min
Response: 250694959
Conc: 155.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
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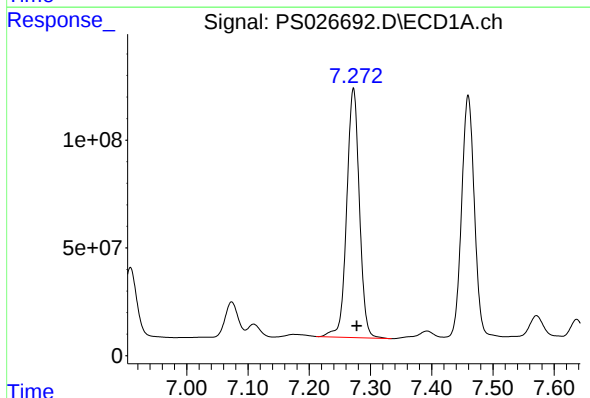
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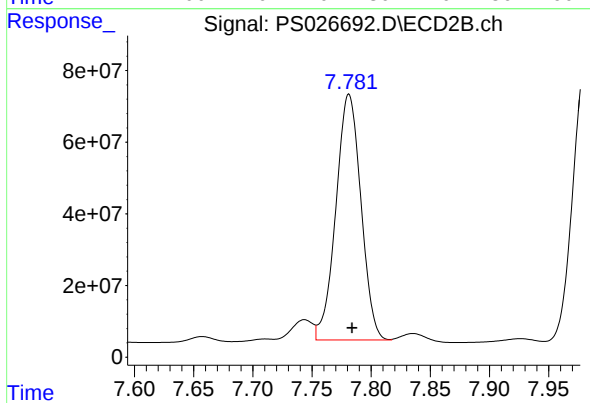
#3 4-Nitrophenol

R.T.: 7.306 min
Delta R.T.: -0.003 min
Response: 168283589
Conc: 147.97 ng/ml m



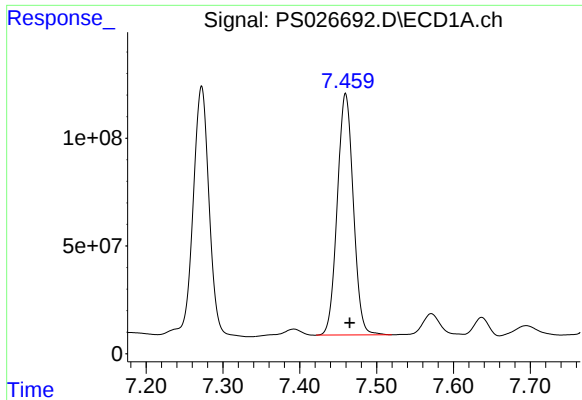
#4 2,4-DCAA

R.T.: 7.272 min
Delta R.T.: -0.005 min
Response: 1666904417
Conc: 670.29 ng/ml



#4 2,4-DCAA

R.T.: 7.781 min
Delta R.T.: -0.003 min
Response: 1011166006
Conc: 606.43 ng/ml m



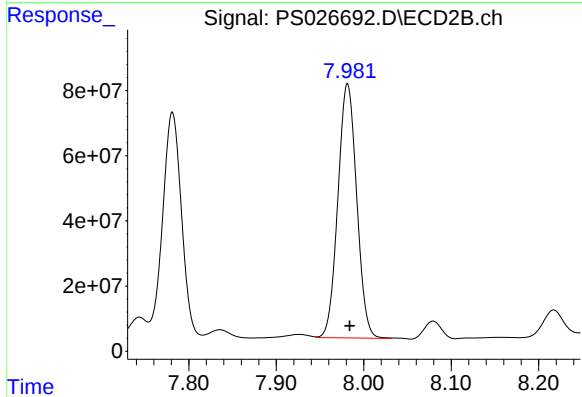
#5 DICAMBA

R.T.: 7.460 min
Delta R.T.: -0.006 min
Response: 1613511414
Conc: 157.33 ng/ml

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

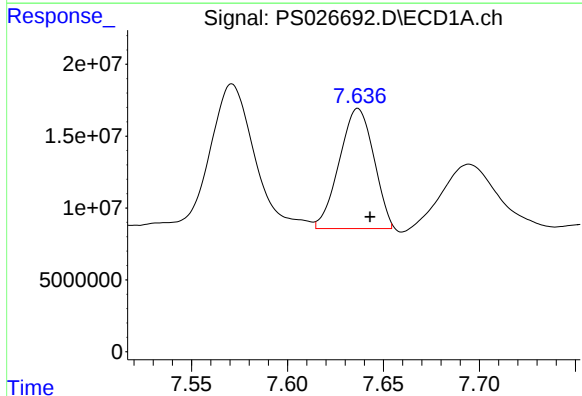
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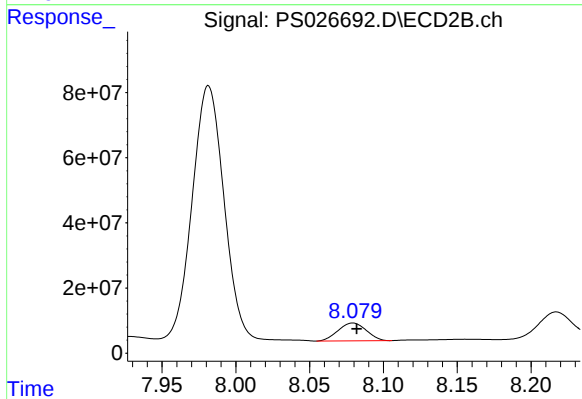
#5 DICAMBA

R.T.: 7.981 min
Delta R.T.: -0.003 min
Response: 1165896021
Conc: 157.47 ng/ml m



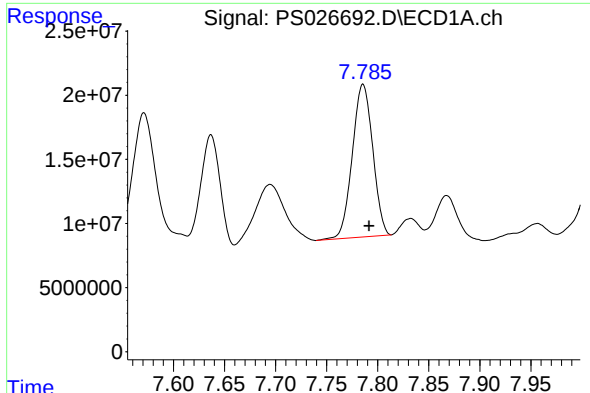
#6 MCP

R.T.: 7.636 min
Delta R.T.: -0.007 min
Response: 104493484
Conc: 14.06 ug/ml m



#6 MCP

R.T.: 8.079 min
Delta R.T.: -0.003 min
Response: 72908808
Conc: 14.18 ug/ml



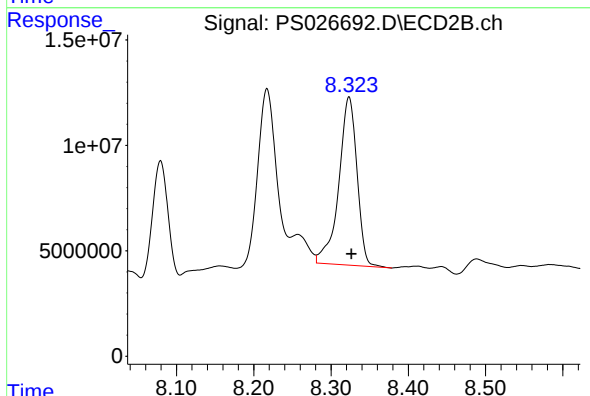
#7 MCPA

R.T.: 7.786 min
Delta R.T.: -0.006 min
Response: 165585200
Conc: 14.96 ug/ml

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

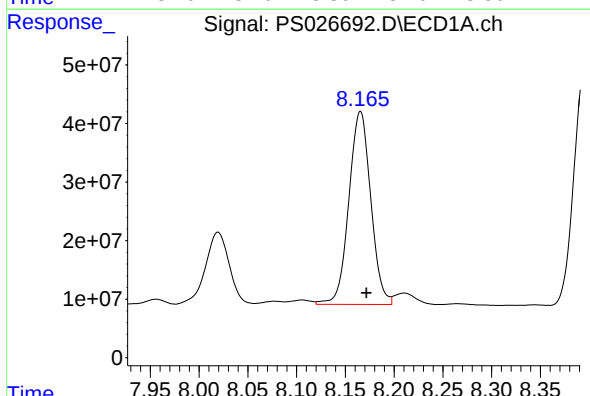
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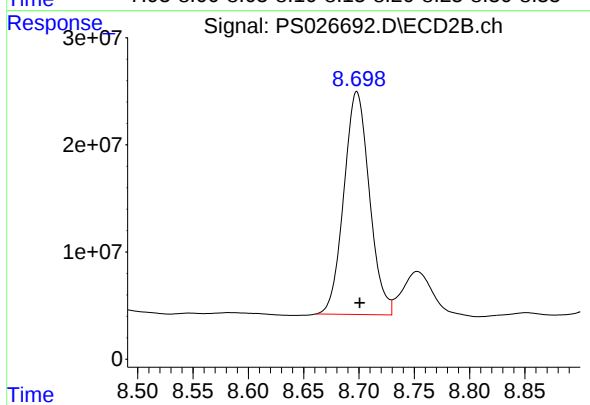
#7 MCPA

R.T.: 8.323 min
Delta R.T.: -0.003 min
Response: 130578448
Conc: 17.46 ug/ml



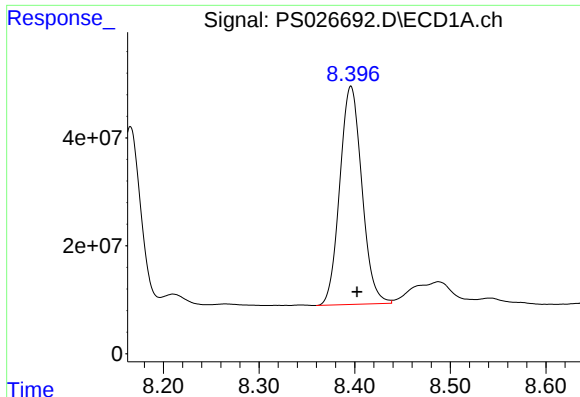
#8 DICHLORPROP

R.T.: 8.165 min
Delta R.T.: -0.006 min
Response: 516035004
Conc: 172.20 ng/ml



#8 DICHLORPROP

R.T.: 8.698 min
Delta R.T.: -0.003 min
Response: 334630108
Conc: 174.40 ng/ml



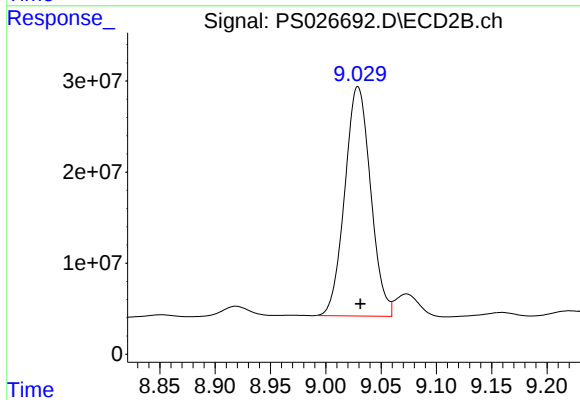
#9 2,4-D

R.T.: 8.396 min
Delta R.T.: -0.007 min
Response: 649148605
Conc: 197.20 ng/ml

Instrument :
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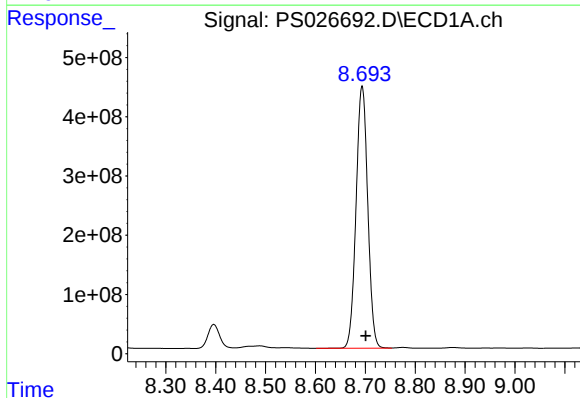
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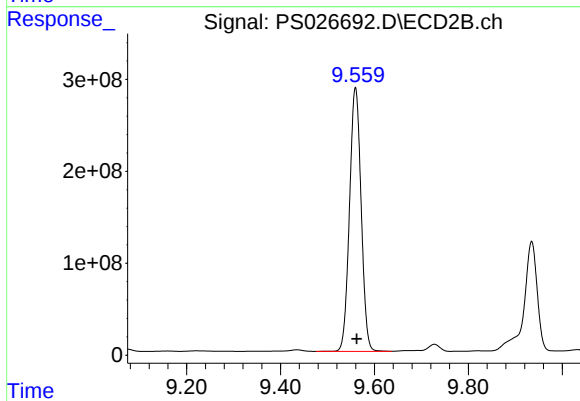
#9 2,4-D

R.T.: 9.029 min
Delta R.T.: -0.002 min
Response: 409794888
Conc: 198.89 ng/ml



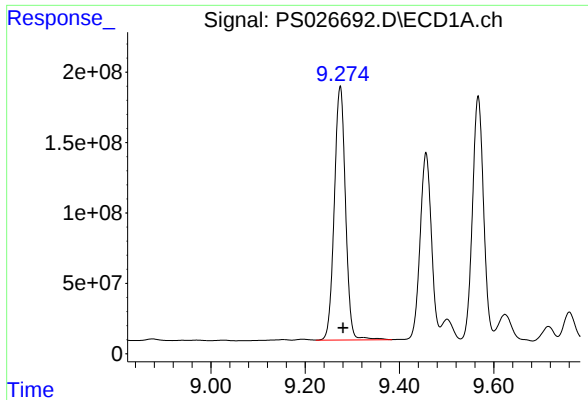
#10 Pentachlorophenol

R.T.: 8.694 min
Delta R.T.: -0.007 min
Response: 7194996073
Conc: 175.71 ng/ml



#10 Pentachlorophenol

R.T.: 9.560 min
Delta R.T.: -0.003 min
Response: 4926005252
Conc: 180.24 ng/ml



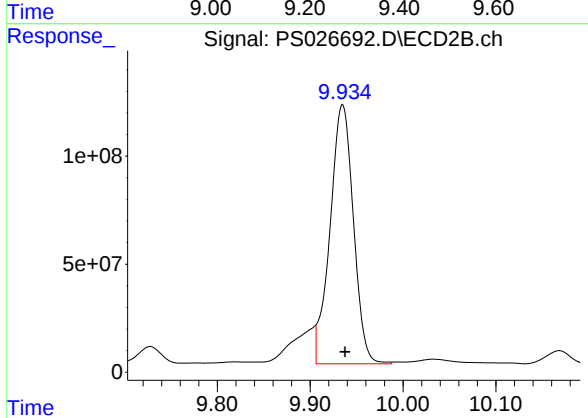
#11 2,4,5-TP (SILVEX)

R.T.: 9.274 min
Delta R.T.: -0.006 min
Response: 2968863301
Conc: 178.38 ng/ml

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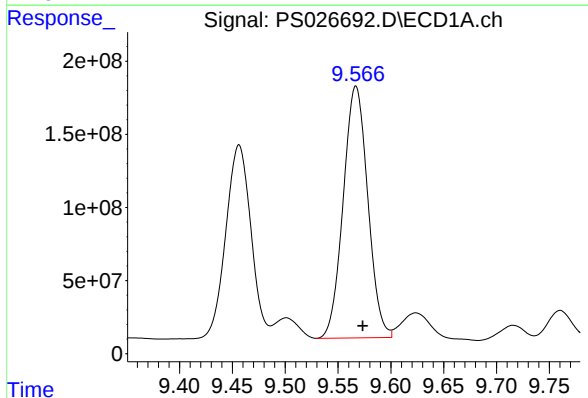
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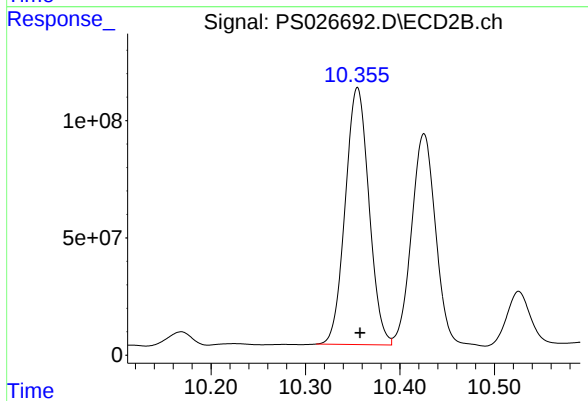
#11 2,4,5-TP (SILVEX)

R.T.: 9.934 min
Delta R.T.: -0.003 min
Response: 2097047389
Conc: 190.03 ng/ml m



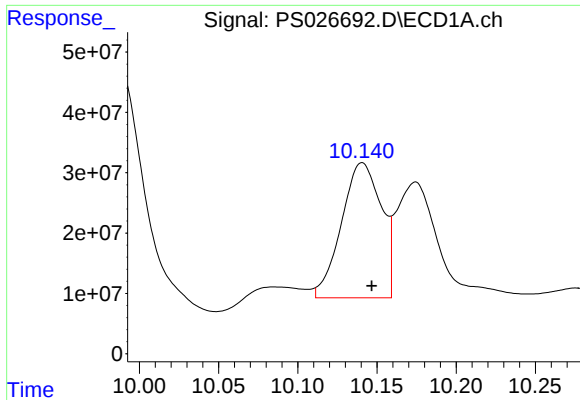
#12 2,4,5-T

R.T.: 9.567 min
Delta R.T.: -0.006 min
Response: 2780684331
Conc: 163.16 ng/ml



#12 2,4,5-T

R.T.: 10.355 min
Delta R.T.: -0.003 min
Response: 1910319984
Conc: 176.36 ng/ml



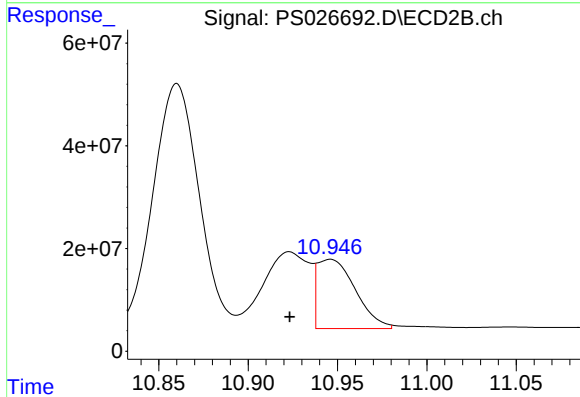
#13 2,4-DB

R.T.: 10.140 min
Delta R.T.: -0.006 min
Response: 390285753
Conc: 164.62 ng/ml

Instrument :
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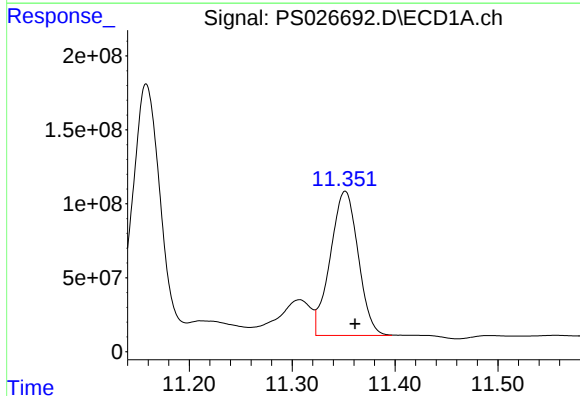
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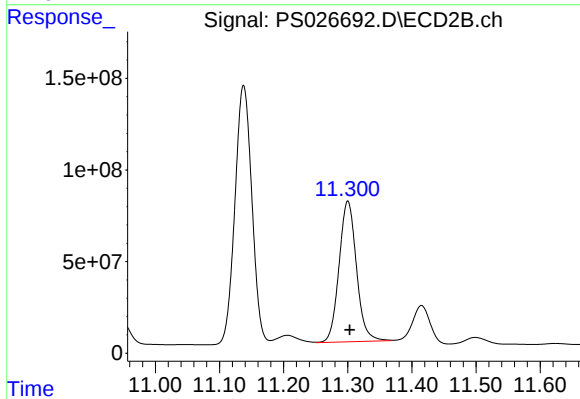
#13 2,4-DB

R.T.: 10.946 min
Delta R.T.: 0.022 min
Response: 196065595
Conc: 144.23 ng/ml m



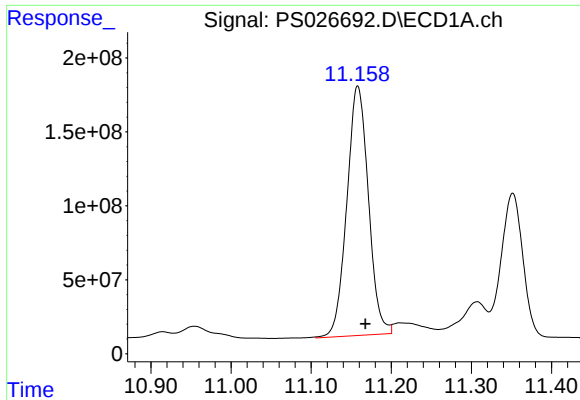
#14 DINOSEB

R.T.: 11.351 min
Delta R.T.: -0.010 min
Response: 1833348472
Conc: 178.55 ng/ml m



#14 DINOSEB

R.T.: 11.300 min
Delta R.T.: -0.003 min
Response: 1447331672
Conc: 210.70 ng/ml m



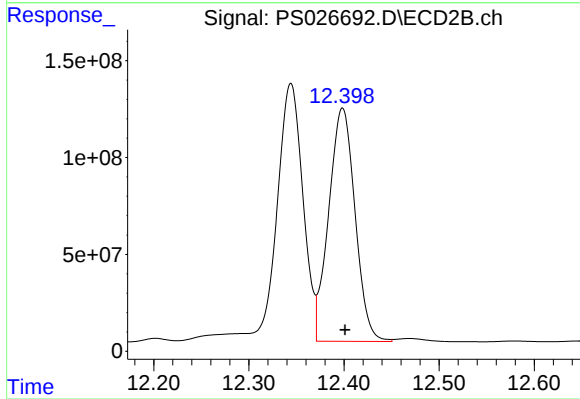
#15 Picloram

R.T.: 11.158 min
Delta R.T.: -0.010 min
Response: 3160038007
Conc: 141.47 ng/ml

Instrument :
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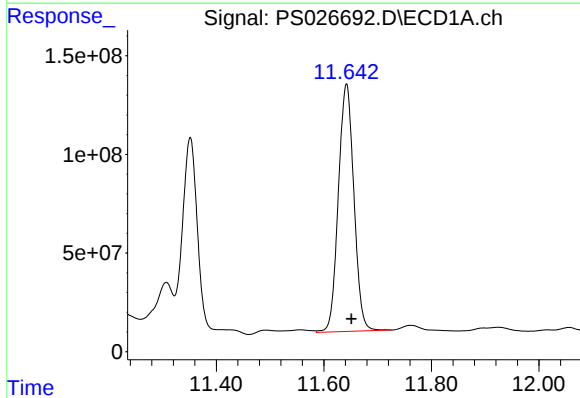
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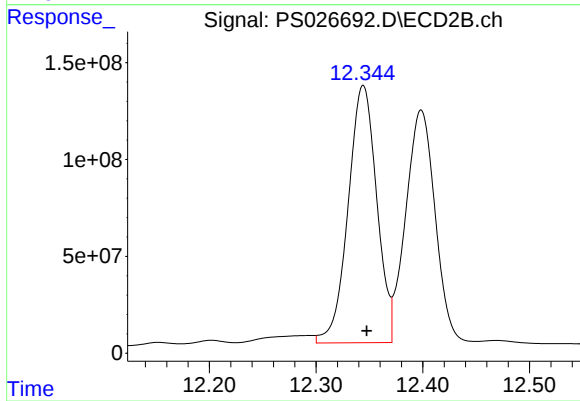
#15 Picloram

R.T.: 12.398 min
Delta R.T.: -0.003 min
Response: 2316114212
Conc: 144.53 ng/ml



#16 DCPA

R.T.: 11.642 min
Delta R.T.: -0.009 min
Response: 2510812857
Conc: 133.37 ng/ml



#16 DCPA

R.T.: 12.344 min
Delta R.T.: -0.004 min
Response: 2489702216
Conc: 188.30 ng/ml m