

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS020425\
 Data File : PS029066.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Feb 2025 16:35
 Operator : AR\AJ
 Sample : Q1168-07
 Misc : LOD/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/05/2025
 Supervised By :Ankita Jodhani 02/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 05 03:53:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS011425.M
 Quant Title : 8080.M
 QLast Update : Tue Feb 04 17:44:08 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 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	7.190	7.666	1392.1E6	488.2E6	513.695	441.169
Target Compounds							
1) T	Dalapon	2.607	2.665	384.3E6	331.9E6	128.677m	163.278m#
2) T	3,5-DICHL...	6.368	6.634	580.2E6	217.5E6	148.623	132.738
3) T	4-Nitroph...	6.990	7.198	224.8E6	140.4E6	128.562	159.200
5) T	DICAMBA	7.375	7.862	1561.1E6	636.3E6	133.914	114.052
6) T	MCP	7.552	7.962	71225488	27591725	10.222m	9.108
7) T	MCPA	7.699	8.202	121.5E6	42321918	12.282	9.957
8) T	DICHLORPROP	8.078	8.574	462.6E6	183.5E6	149.753	131.464
9) T	2,4-D	8.309	8.901	524.2E6	204.0E6	159.002	137.330
10) T	Pentachlo...	8.602	9.422	6995.1E6	3009.3E6	154.045	131.965
11) T	2,4,5-TP ...	9.178	9.799	2830.8E6	1320.2E6	151.807	141.374
12) T	2,4,5-T	9.470	10.216	2583.0E6	1154.0E6	137.977	129.213
13) T	2,4-DB	10.043	10.780	373.7E6	124.9E6	107.015m	125.604
14) T	DINOSEB	11.240	11.157	1998.6E6	679.2E6	124.005	106.971
15) T	Picloram	11.056	12.240	3471.9E6	1167.9E6	112.035	86.772
16) T	DCPA	11.532	12.193	2513.2E6	1487.4E6	90.108	131.996m#

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

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Operator : AR\AJ
Sample : Q1168-07
Misc : LOD/WATER
ALS Vial : 6 Sample Multiplier: 1

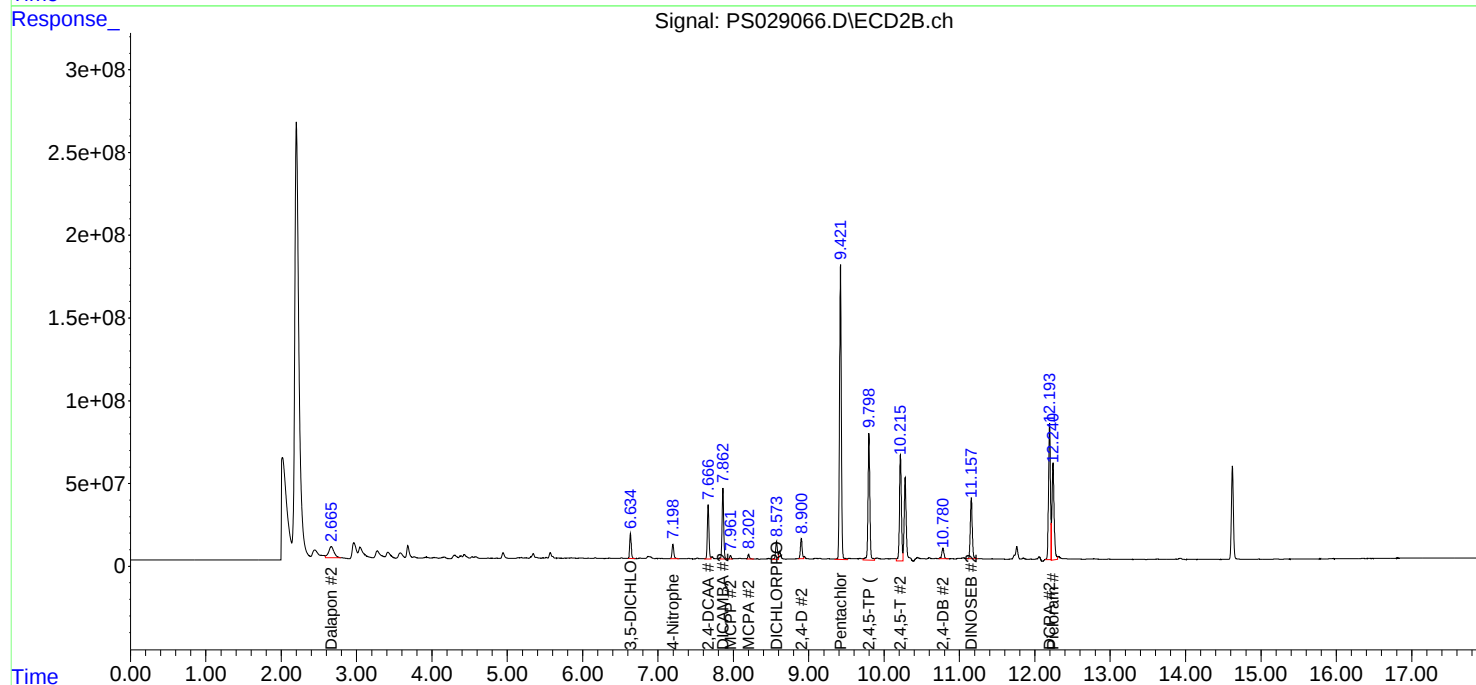
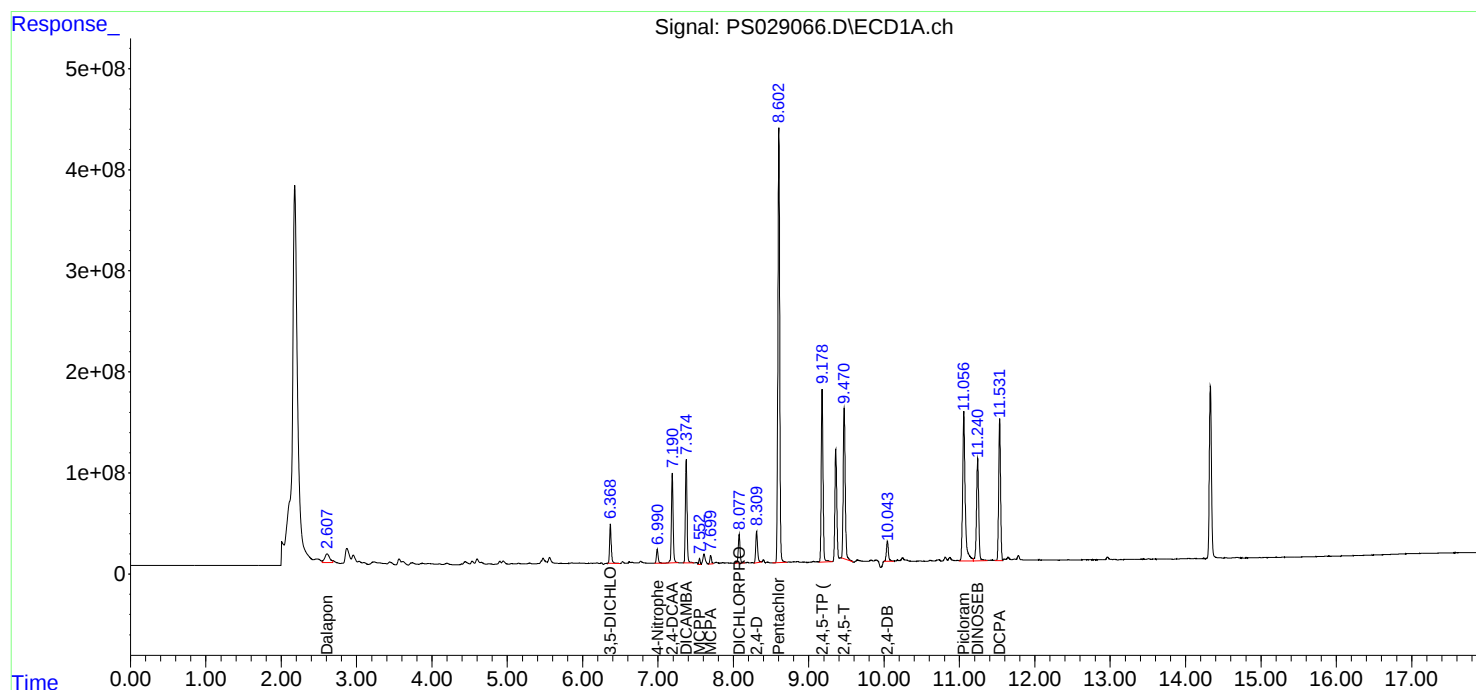
Instrument :
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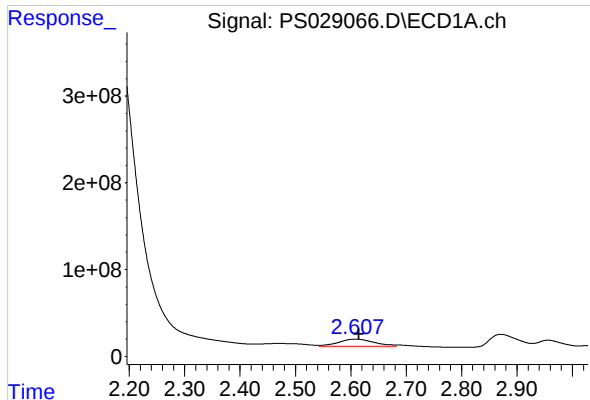
Manual Integrations
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#1 Dalapon

R.T.: 2.607 min
Delta R.T.: -0.008 min
Response: 384333373
Conc: 128.68 ng/ml

Instrument :

ECD_S

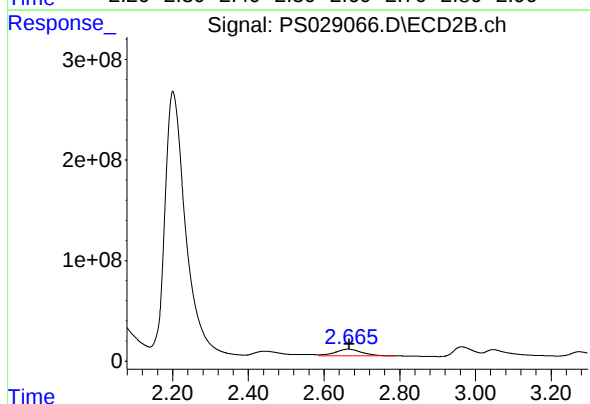
ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Manual Integrations

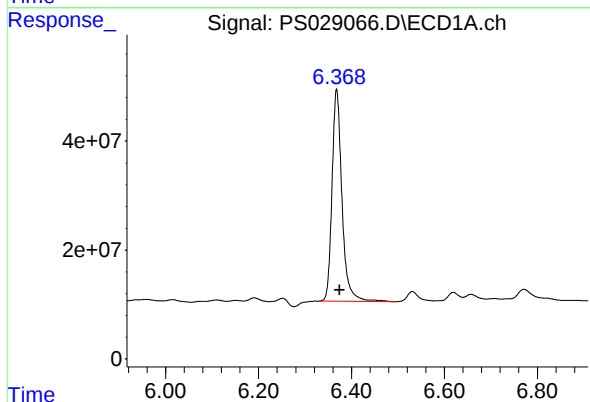
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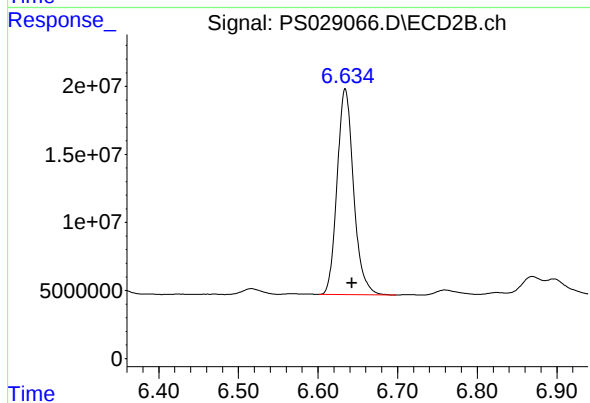
#1 Dalapon

R.T.: 2.665 min
Delta R.T.: -0.003 min
Response: 331855295
Conc: 163.28 ng/ml



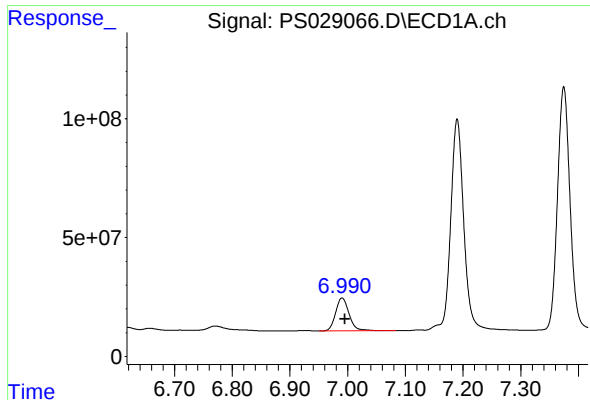
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.368 min
Delta R.T.: -0.006 min
Response: 580213354
Conc: 148.62 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.634 min
Delta R.T.: -0.009 min
Response: 217509190
Conc: 132.74 ng/ml



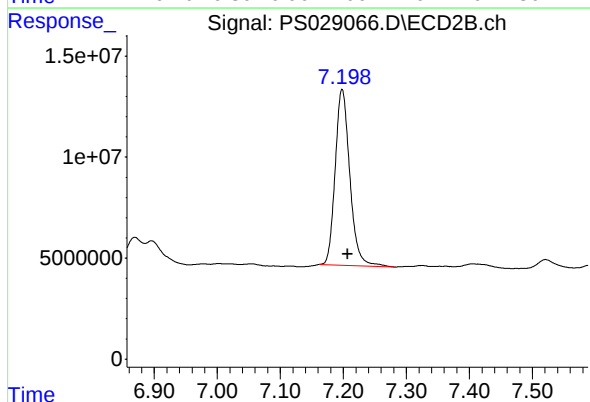
#3 4-Nitrophenol

R.T.: 6.990 min
Delta R.T.: -0.005 min
Response: 224781537
Conc: 128.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

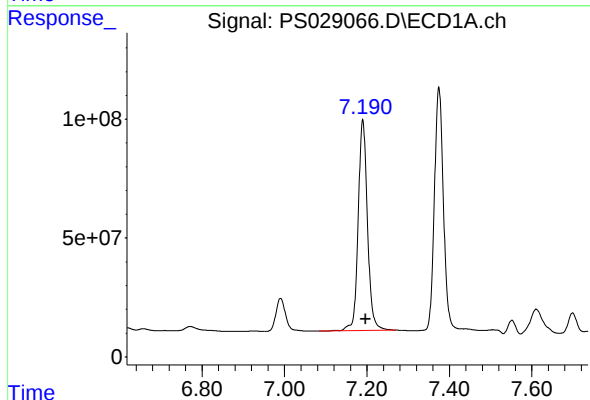
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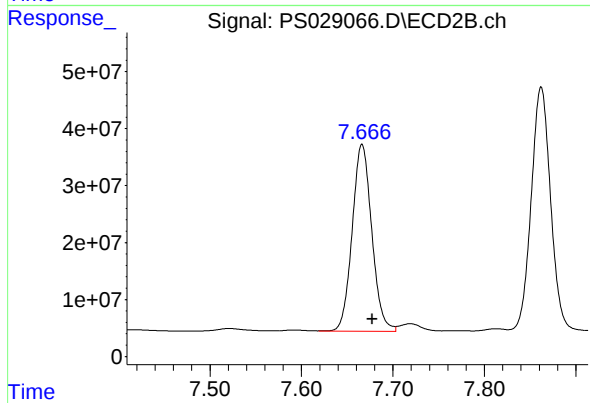
#3 4-Nitrophenol

R.T.: 7.198 min
Delta R.T.: -0.009 min
Response: 140354785
Conc: 159.20 ng/ml



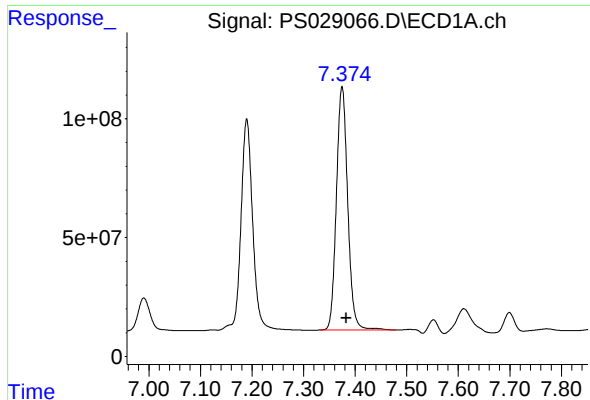
#4 2,4-DCAA

R.T.: 7.190 min
Delta R.T.: -0.007 min
Response: 1392093816
Conc: 513.69 ng/ml



#4 2,4-DCAA

R.T.: 7.666 min
Delta R.T.: -0.011 min
Response: 488227172
Conc: 441.17 ng/ml



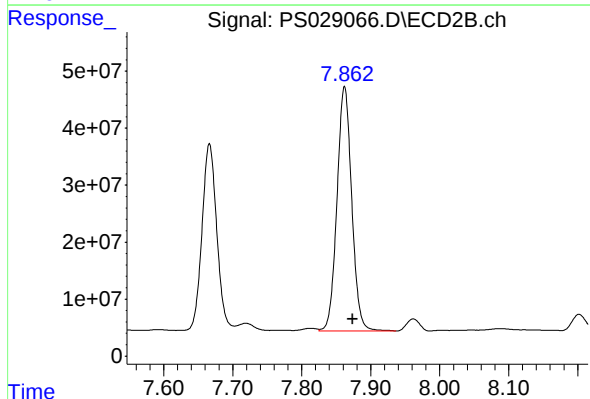
#5 DICAMBA

R.T.: 7.375 min
Delta R.T.: -0.008 min
Response: 1561129484
Conc: 133.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

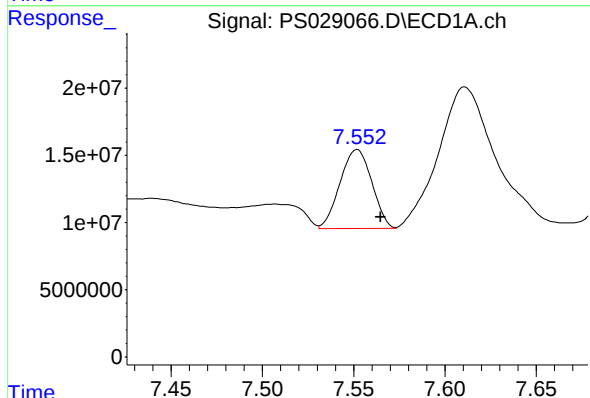
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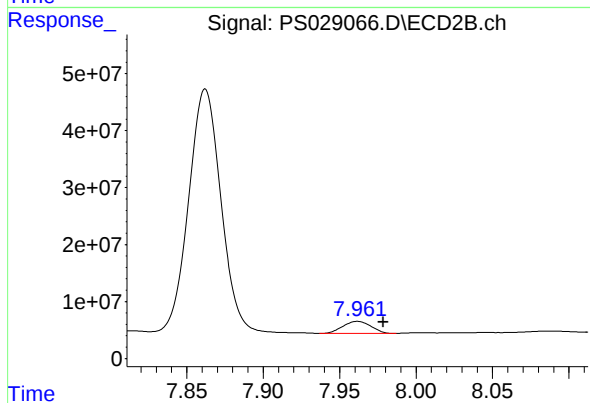
#5 DICAMBA

R.T.: 7.862 min
Delta R.T.: -0.012 min
Response: 636316151
Conc: 114.05 ng/ml



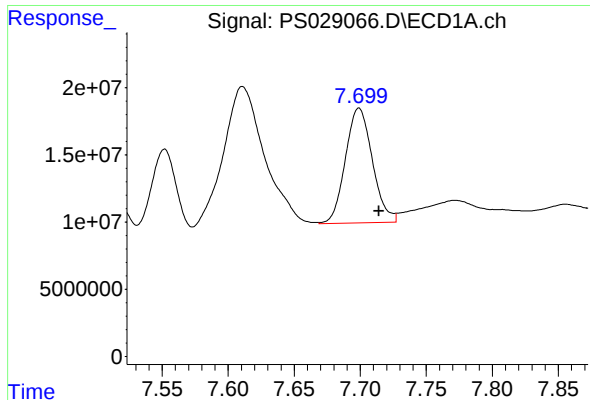
#6 MCP

R.T.: 7.552 min
Delta R.T.: -0.013 min
Response: 71225488
Conc: 10.22 ug/ml m



#6 MCP

R.T.: 7.962 min
Delta R.T.: -0.017 min
Response: 27591725
Conc: 9.11 ug/ml



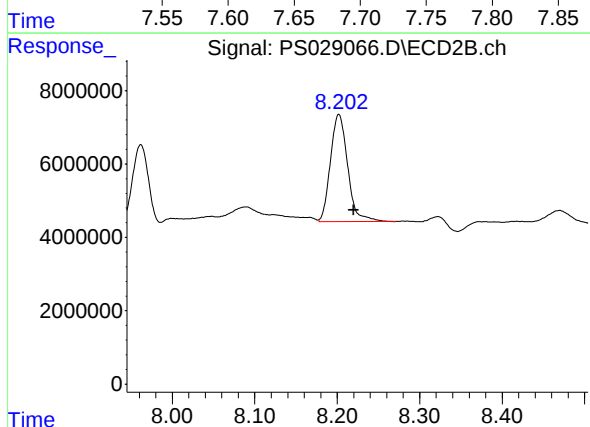
#7 MCPA

R.T.: 7.699 min
Delta R.T.: -0.015 min
Response: 121503886
Conc: 12.28 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

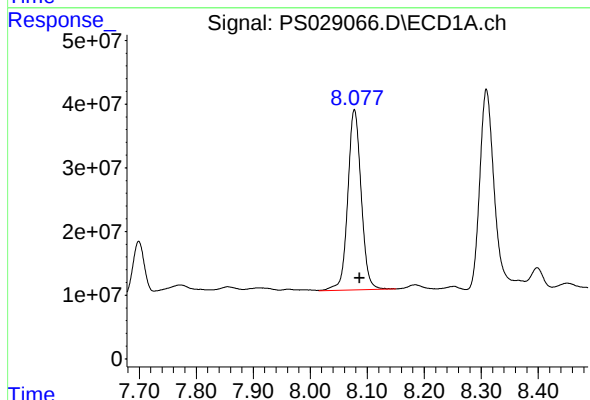
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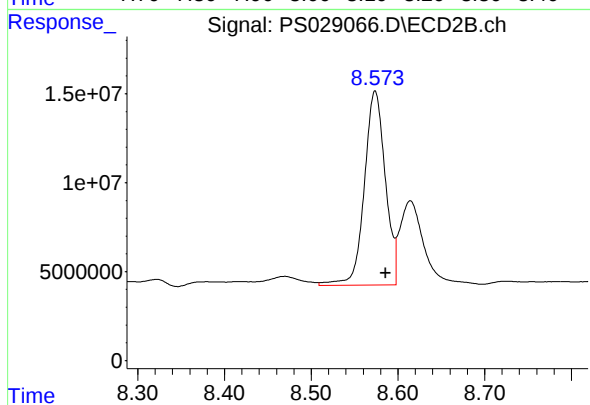
#7 MCPA

R.T.: 8.202 min
Delta R.T.: -0.018 min
Response: 42321918
Conc: 9.96 ug/ml



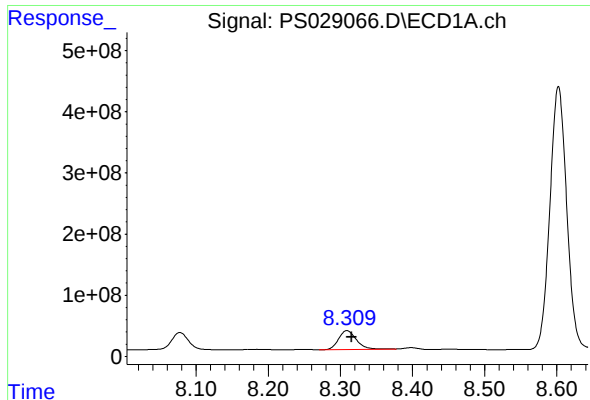
#8 DICHLORPROP

R.T.: 8.078 min
Delta R.T.: -0.009 min
Response: 462601586
Conc: 149.75 ng/ml



#8 DICHLORPROP

R.T.: 8.574 min
Delta R.T.: -0.012 min
Response: 183467035
Conc: 131.46 ng/ml



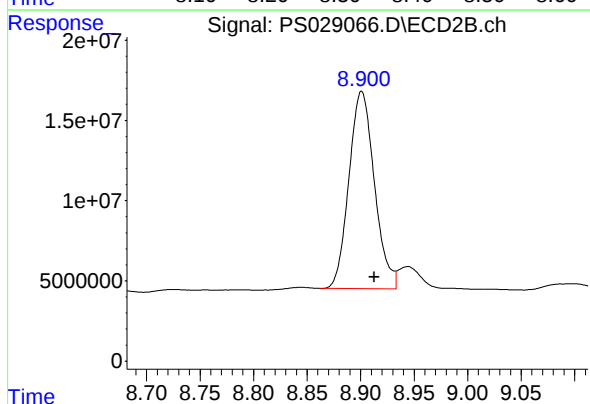
#9 2,4-D

R.T.: 8.309 min
Delta R.T.: -0.007 min
Response: 524238005
Conc: 159.00 ng/ml

Instrument :
ECD_S
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LOD-MDL-WATER-01-QT1-2025

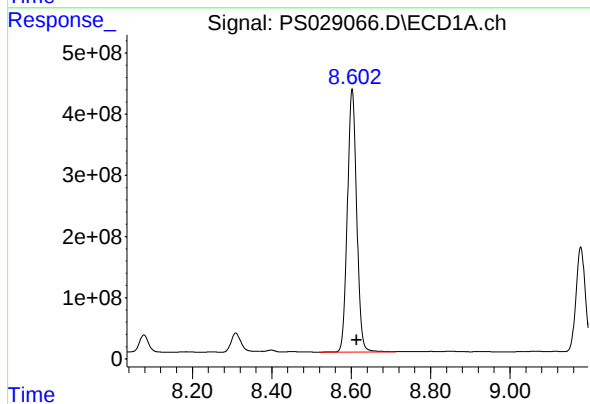
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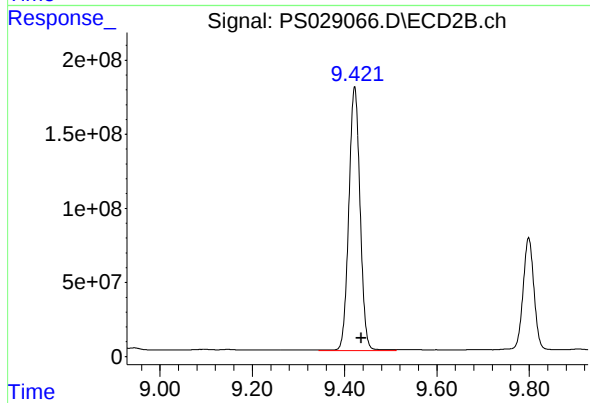
#9 2,4-D

R.T.: 8.901 min
Delta R.T.: -0.012 min
Response: 203998855
Conc: 137.33 ng/ml



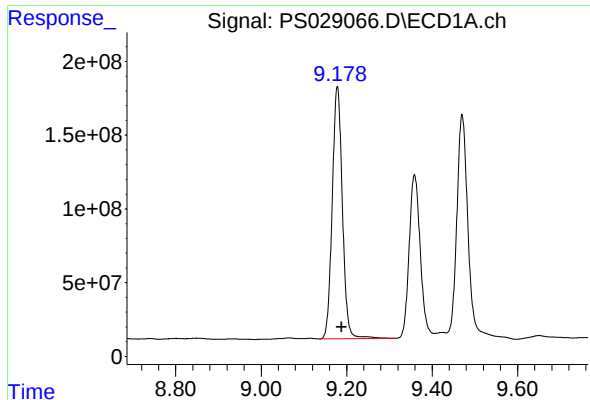
#10 Pentachlorophenol

R.T.: 8.602 min
Delta R.T.: -0.011 min
Response: 6995079620
Conc: 154.04 ng/ml



#10 Pentachlorophenol

R.T.: 9.422 min
Delta R.T.: -0.015 min
Response: 3009341362
Conc: 131.97 ng/ml



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

R.T.: 9.178 min
Delta R.T.: -0.011 min
Response: 2830842149
Conc: 151.81 ng/ml

Instrument :

ECD_S

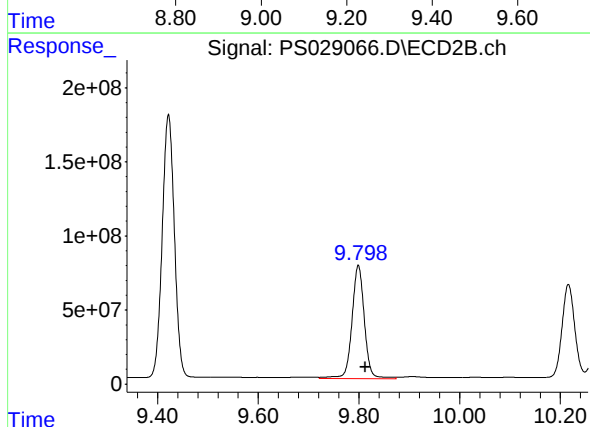
ClientSampleId :

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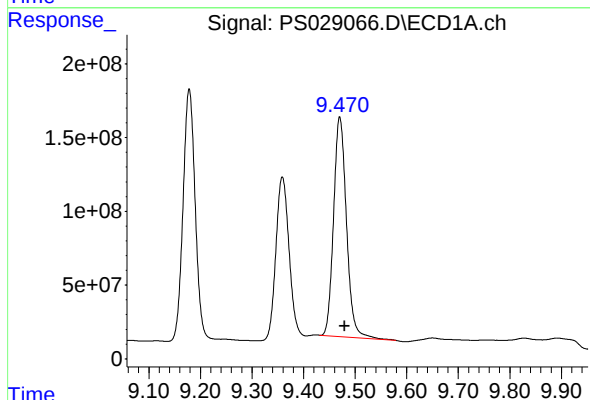
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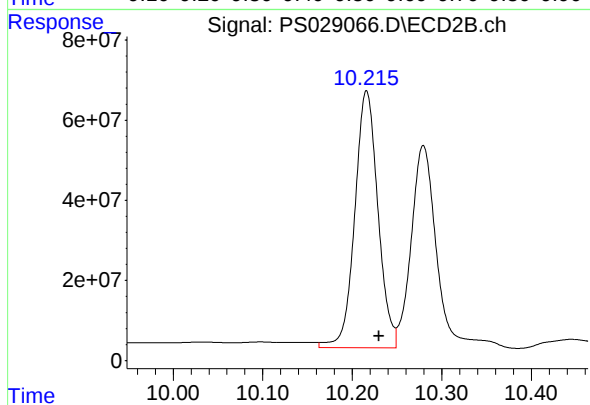
#11 2,4,5-TP (SILVEX)

R.T.: 9.799 min
Delta R.T.: -0.014 min
Response: 1320242657
Conc: 141.37 ng/ml



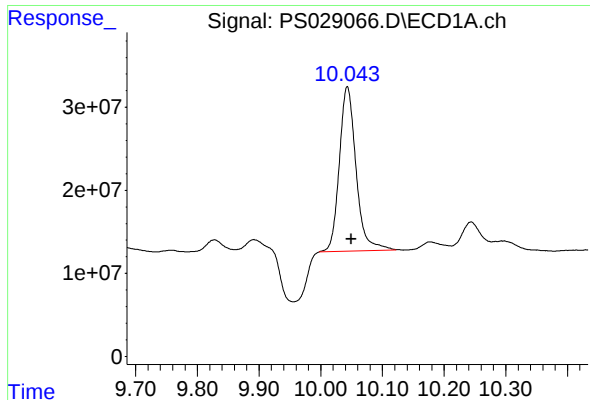
#12 2,4,5-T

R.T.: 9.470 min
Delta R.T.: -0.009 min
Response: 2583000356
Conc: 137.98 ng/ml



#12 2,4,5-T

R.T.: 10.216 min
Delta R.T.: -0.014 min
Response: 1153964901
Conc: 129.21 ng/ml



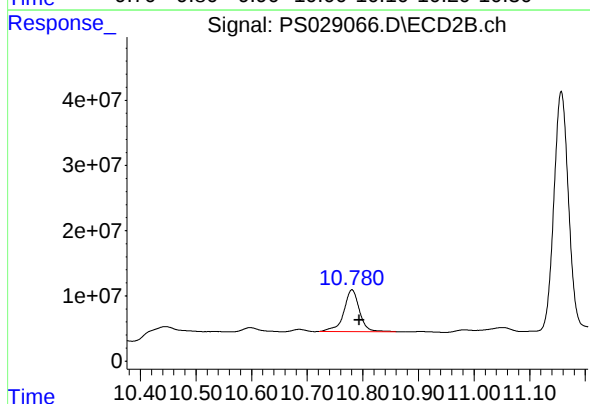
#13 2,4-DB

R.T.: 10.043 min
Delta R.T.: -0.007 min
Response: 373686317
Conc: 107.02 ng/ml

Instrument :
ECD_S
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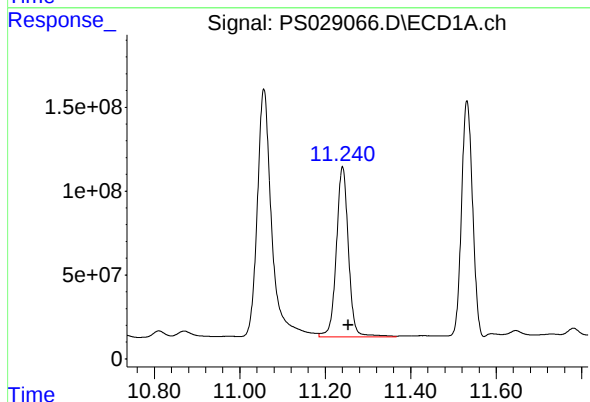
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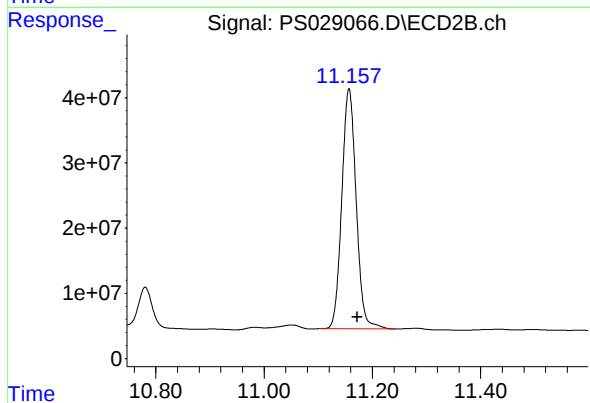
#13 2,4-DB

R.T.: 10.780 min
Delta R.T.: -0.014 min
Response: 124921164
Conc: 125.60 ng/ml



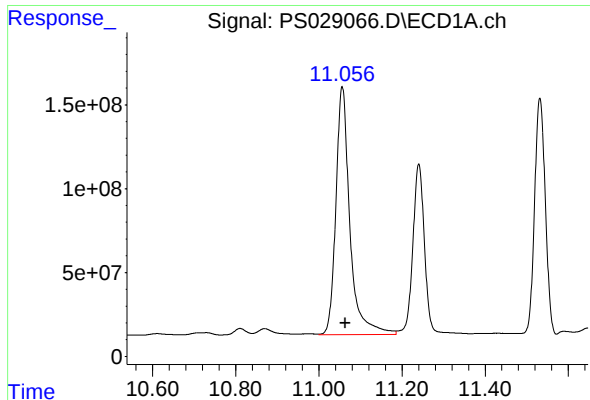
#14 DINOSEB

R.T.: 11.240 min
Delta R.T.: -0.013 min
Response: 1998624562
Conc: 124.01 ng/ml



#14 DINOSEB

R.T.: 11.157 min
Delta R.T.: -0.015 min
Response: 679230954
Conc: 106.97 ng/ml



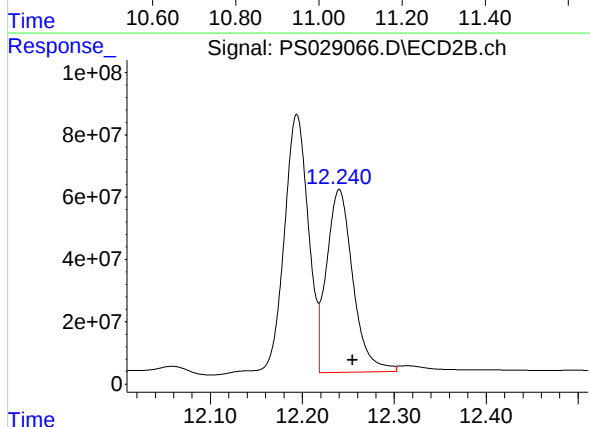
#15 Picloram

R.T.: 11.056 min
Delta R.T.: -0.007 min
Response: 3471874961
Conc: 112.03 ng/ml

Instrument :
ECD_S
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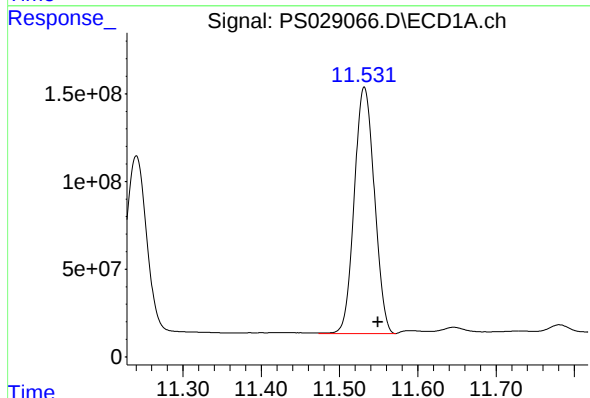
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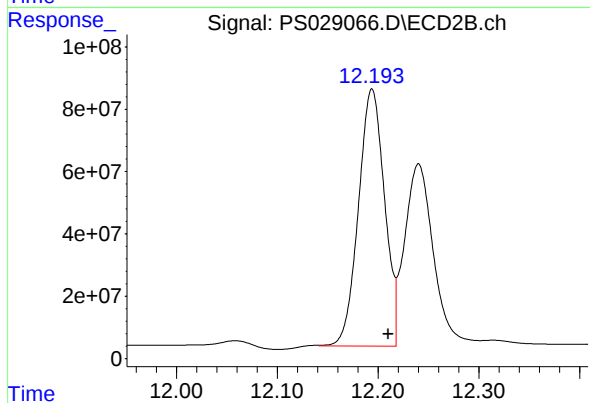
#15 Picloram

R.T.: 12.240 min
Delta R.T.: -0.014 min
Response: 1167917484
Conc: 86.77 ng/ml



#16 DCPA

R.T.: 11.532 min
Delta R.T.: -0.018 min
Response: 2513207117
Conc: 90.11 ng/ml



#16 DCPA

R.T.: 12.193 min
Delta R.T.: -0.017 min
Response: 1487443223
Conc: 132.00 ng/ml m