

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS020525\
 Data File : PS029075.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Feb 2025 10:46
 Operator : AR\AJ
 Sample : Q1168-09
 Misc : MDL/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MDL-WATER-03-QT1-2025

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/06/2025
 Supervised By : Ankita Jodhani 02/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 02:14:40 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	7.188	7.665	1371.0E6	490.2E6	505.894	442.910
Target Compounds							
1) T	Dalapon	2.606	2.663	241.3E6	236.3E6	80.782m	116.242m#
2) T	3,5-DICHL...	6.367	6.634	395.3E6	143.7E6	101.250	87.703
3) T	4-Nitroph...	6.990	7.198	137.4E6	72339830	78.613	82.053
5) T	DICAMBA	7.373	7.862	1069.5E6	441.6E6	91.744	79.144
6) T	MCPD	7.549	7.961	41438465	17638963	5.947m	5.823
7) T	MCPA	7.697	8.201	81234465	31492698	8.211	7.409
8) T	DICHLORPROP	8.076	8.573	332.6E6	128.6E6	107.671	92.178
9) T	2,4-D	8.308	8.901	352.6E6	142.4E6	106.957	95.874
10) T	Pentachlo...	8.600	9.420	4793.3E6	2049.3E6	105.557	89.867
11) T	2,4,5-TP ...	9.177	9.798	1953.4E6	893.1E6	104.756	95.631
12) T	2,4,5-T	9.469	10.214	1735.5E6	743.9E6	92.706m	83.299m
13) T	2,4-DB	10.042	10.780	269.0E6	86858841	77.047m	87.334
14) T	DINOSEB	11.238	11.155	1467.9E6	477.8E6	91.073	75.252
15) T	Picloram	11.056	12.239	2427.5E6	783.3E6	78.335	58.196m#
16) T	DCPA	11.528	12.192	1778.9E6	943.4E6	63.781	83.720m#

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

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Acq On : 05 Feb 2025 10:46
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Sample : Q1168-09
Misc : MDL/WATER
ALS Vial : 6 Sample Multiplier: 1

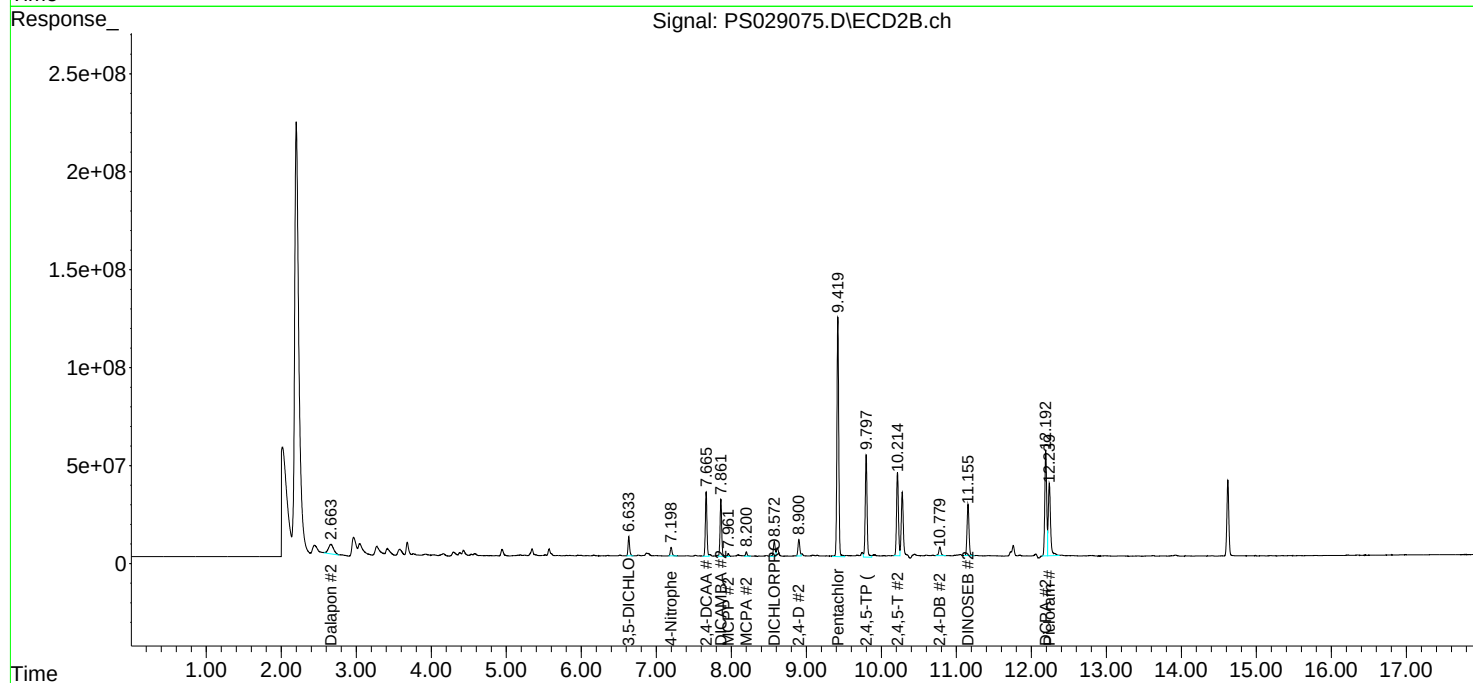
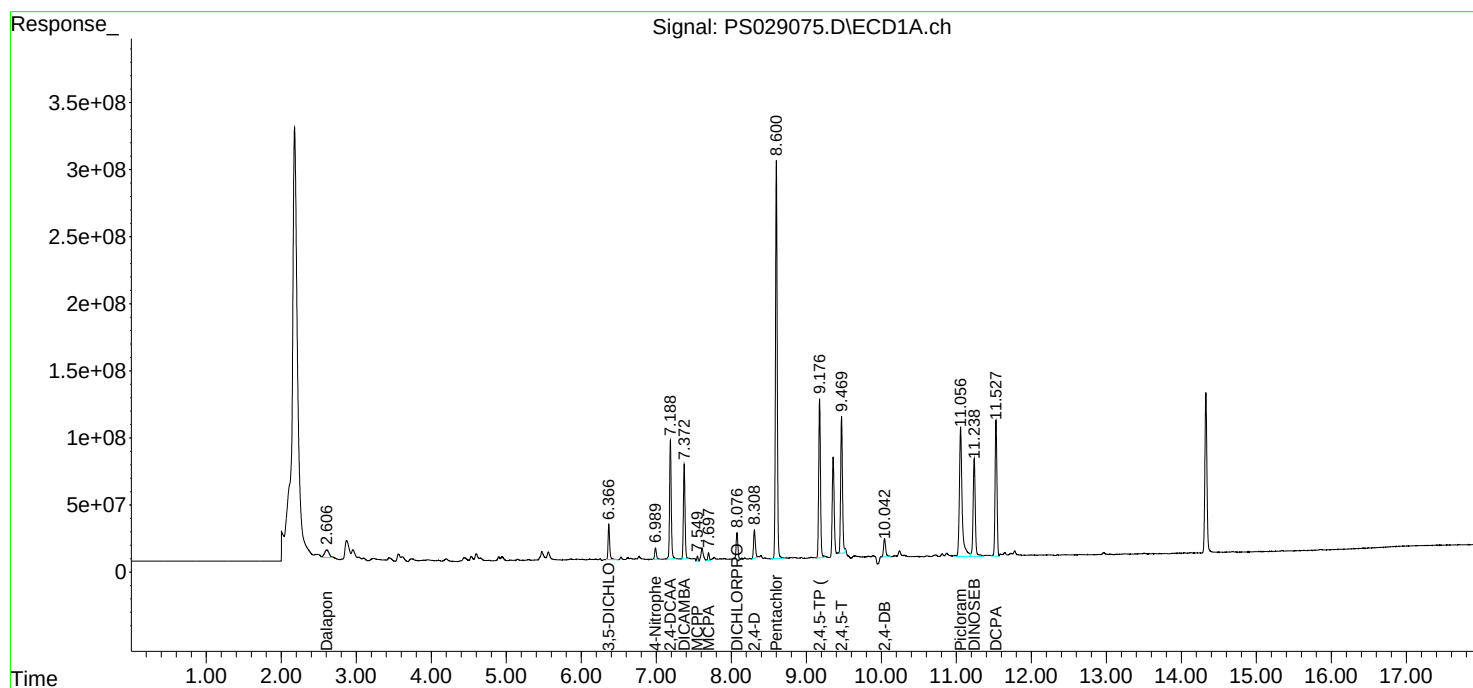
Instrument :
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ClientSampleId :
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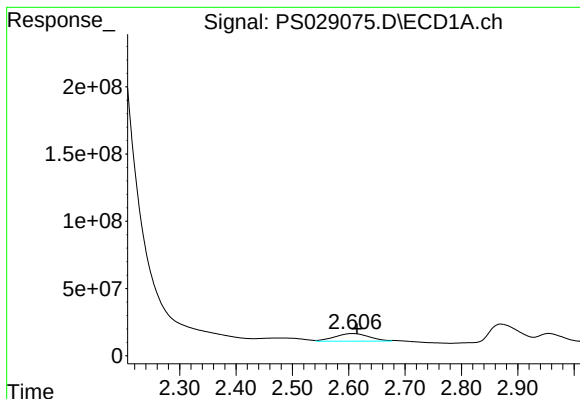
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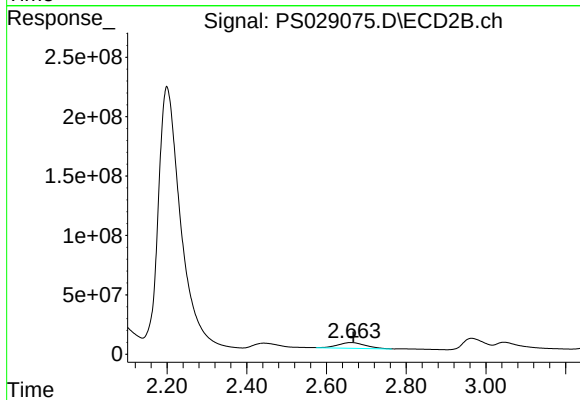
#1 Dalapon

R.T.: 2.606 min
Delta R.T.: -0.009 min
Response: 241279803
Conc: 80.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT1-2025

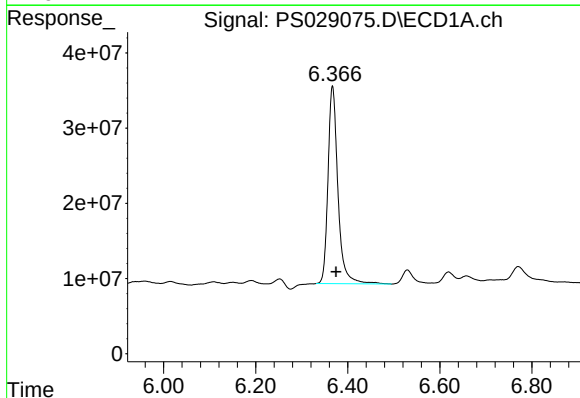
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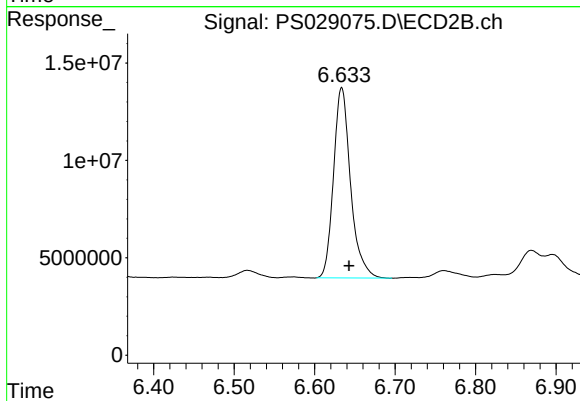
#1 Dalapon

R.T.: 2.663 min
Delta R.T.: -0.005 min
Response: 236257519
Conc: 116.24 ng/ml m



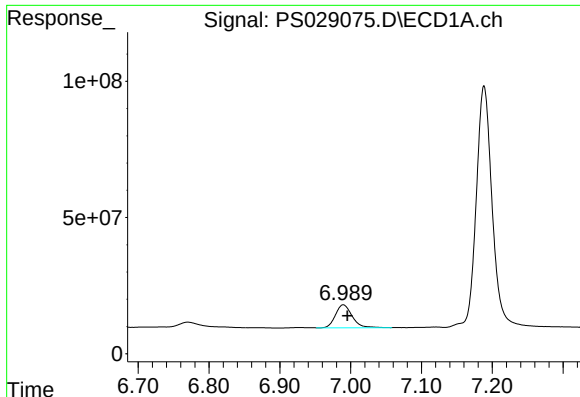
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.367 min
Delta R.T.: -0.007 min
Response: 395273726
Conc: 101.25 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.634 min
Delta R.T.: -0.009 min
Response: 143713466
Conc: 87.70 ng/ml



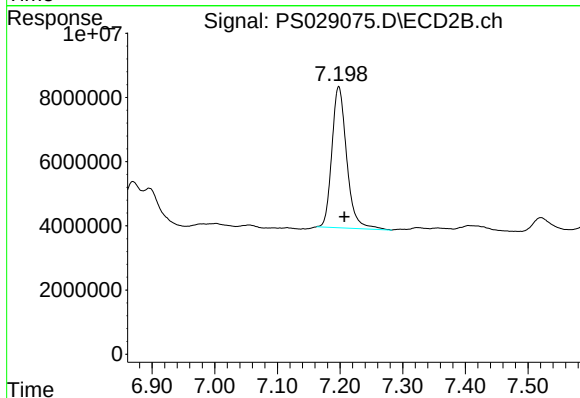
#3 4-Nitrophenol

R.T.: 6.990 min
Delta R.T.: -0.006 min
Response: 137449888
Conc: 78.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT1-2025

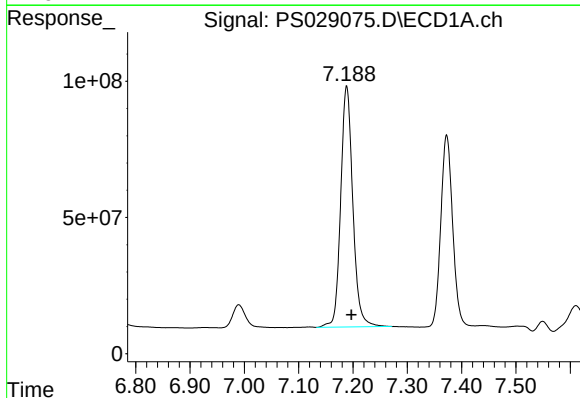
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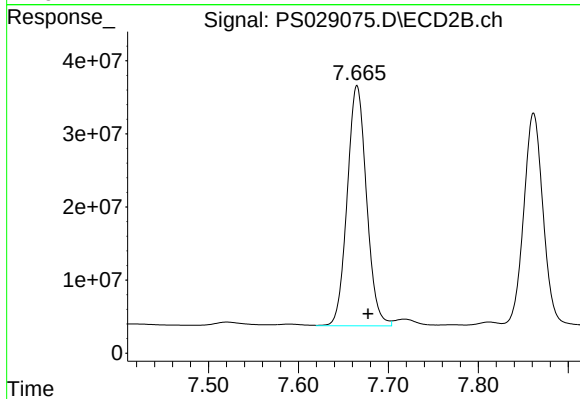
#3 4-Nitrophenol

R.T.: 7.198 min
Delta R.T.: -0.009 min
Response: 72339830
Conc: 82.05 ng/ml



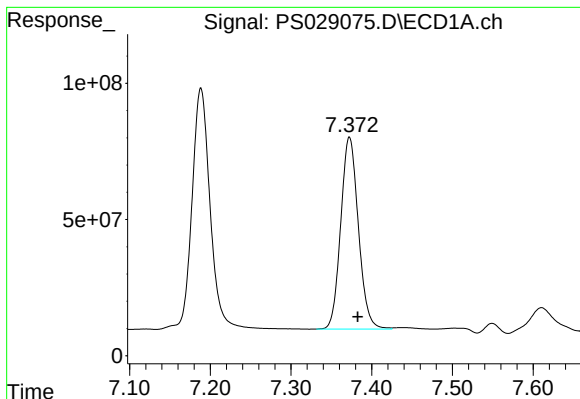
#4 2,4-DCAA

R.T.: 7.188 min
Delta R.T.: -0.009 min
Response: 1370954665
Conc: 505.89 ng/ml



#4 2,4-DCAA

R.T.: 7.665 min
Delta R.T.: -0.012 min
Response: 490153676
Conc: 442.91 ng/ml



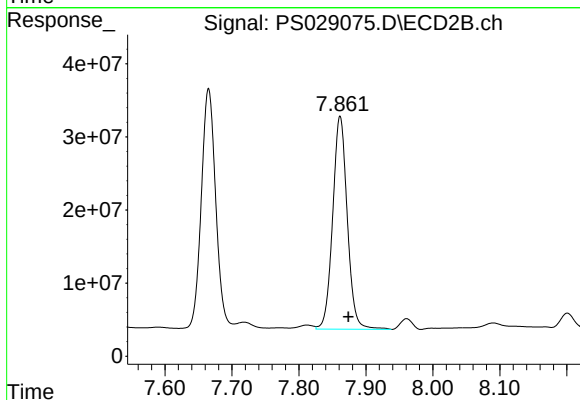
#5 DICAMBA

R.T.: 7.373 min
Delta R.T.: -0.010 min
Response: 1069524769
Conc: 91.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT1-2025

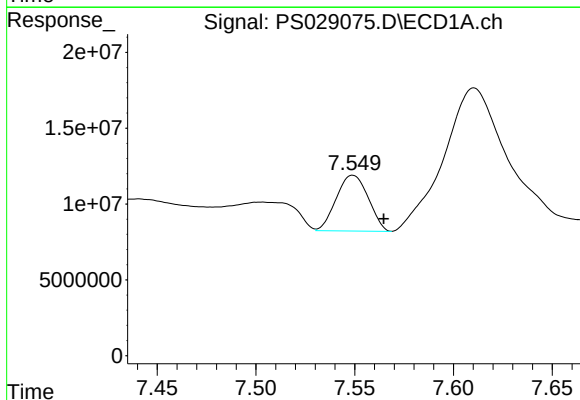
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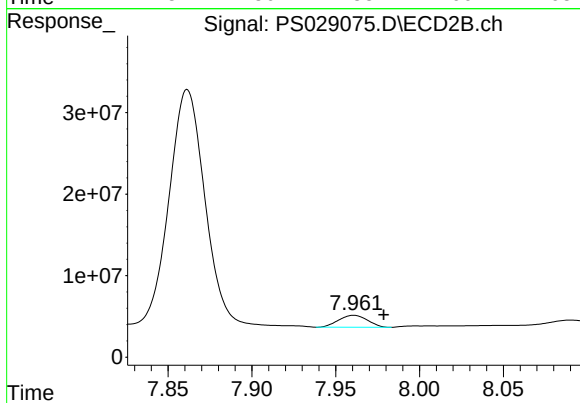
#5 DICAMBA

R.T.: 7.862 min
Delta R.T.: -0.013 min
Response: 441554549
Conc: 79.14 ng/ml



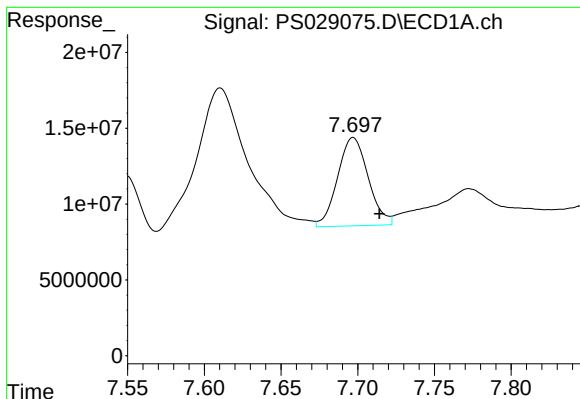
#6 MCPP

R.T.: 7.549 min
Delta R.T.: -0.016 min
Response: 41438465
Conc: 5.95 ug/ml m



#6 MCPP

R.T.: 7.961 min
Delta R.T.: -0.018 min
Response: 17638963
Conc: 5.82 ug/ml



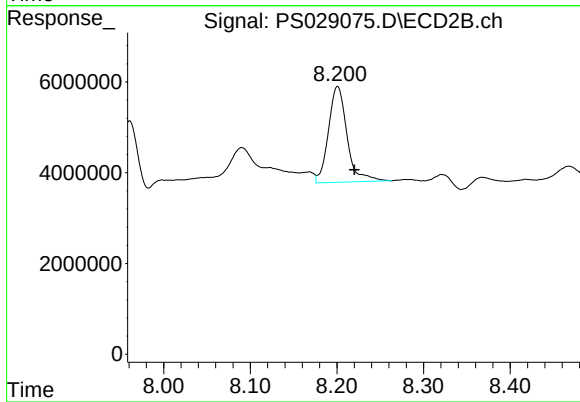
#7 MCPA

R.T.: 7.697 min
Delta R.T.: -0.017 min
Response: 81234465
Conc: 8.21 ug/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT1-2025

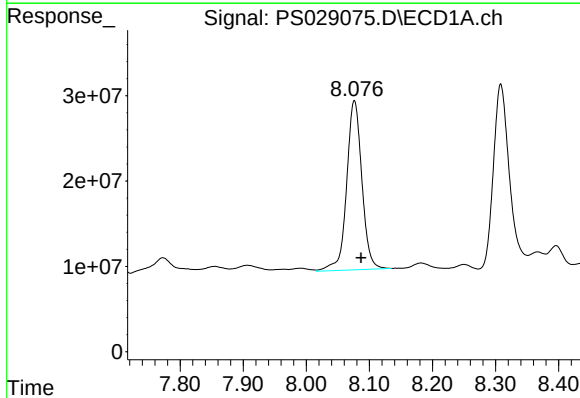
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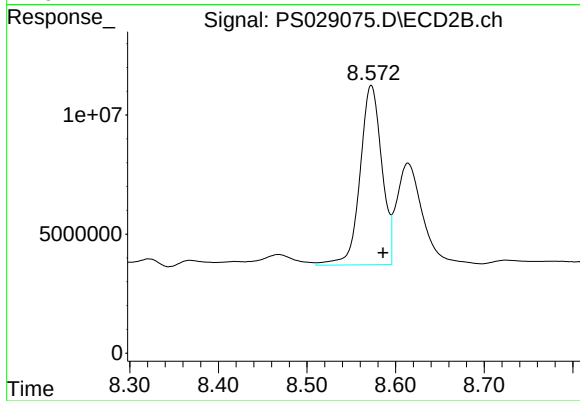
#7 MCPA

R.T.: 8.201 min
Delta R.T.: -0.019 min
Response: 31492698
Conc: 7.41 ug/ml



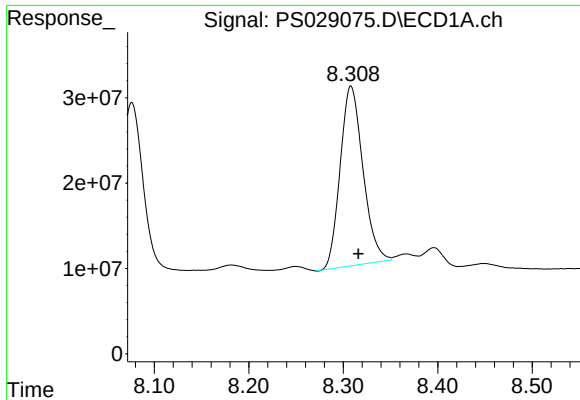
#8 DICHLORPROP

R.T.: 8.076 min
Delta R.T.: -0.011 min
Response: 332607769
Conc: 107.67 ng/ml



#8 DICHLORPROP

R.T.: 8.573 min
Delta R.T.: -0.013 min
Response: 128640742
Conc: 92.18 ng/ml



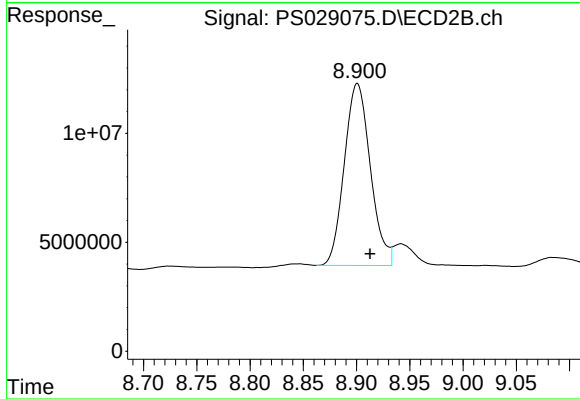
#9 2,4-D

R.T.: 8.308 min
Delta R.T.: -0.008 min
Response: 352644240
Conc: 106.96 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT1-2025

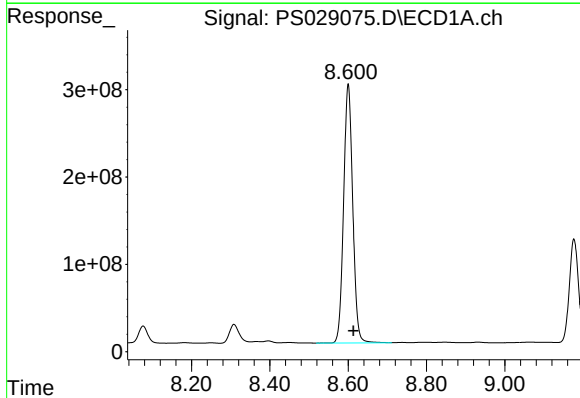
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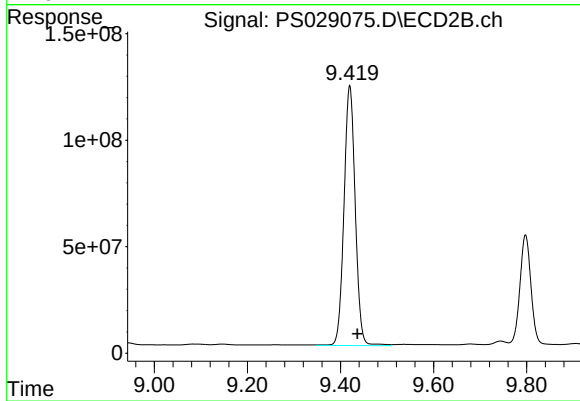
#9 2,4-D

R.T.: 8.901 min
Delta R.T.: -0.012 min
Response: 142417034
Conc: 95.87 ng/ml



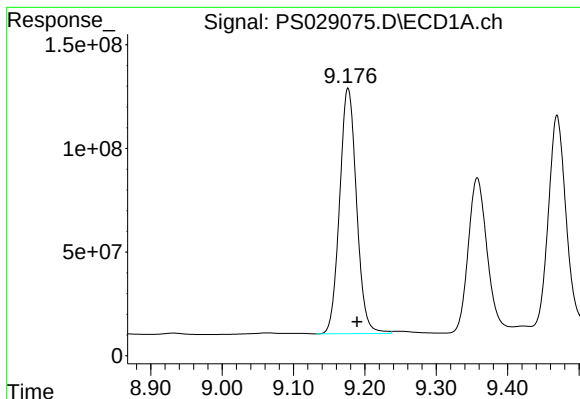
#10 Pentachlorophenol

R.T.: 8.600 min
Delta R.T.: -0.013 min
Response: 4793295173
Conc: 105.56 ng/ml



#10 Pentachlorophenol

R.T.: 9.420 min
Delta R.T.: -0.017 min
Response: 2049339541
Conc: 89.87 ng/ml



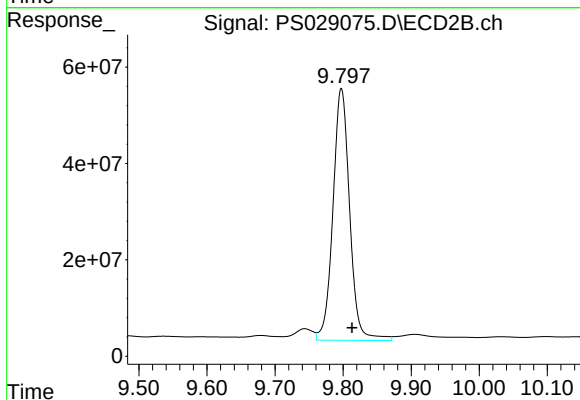
#11 2,4,5-TP (SILVEX)

R.T.: 9.177 min
Delta R.T.: -0.012 min
Response: 1953443417
Conc: 104.76 ng/ml

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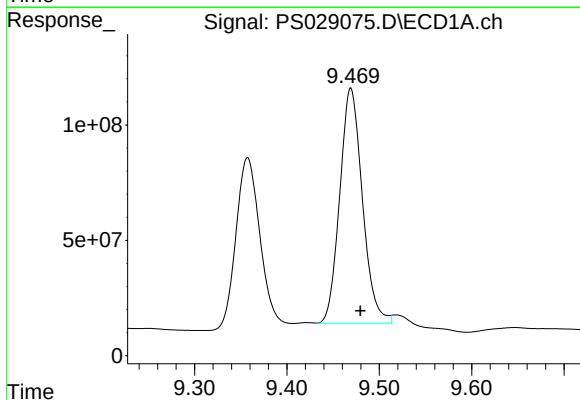
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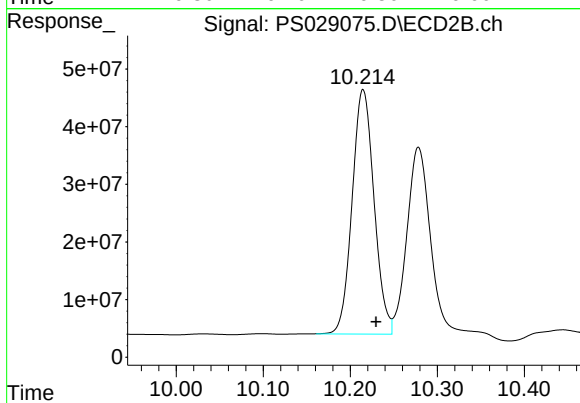
#11 2,4,5-TP (SILVEX)

R.T.: 9.798 min
Delta R.T.: -0.015 min
Response: 893064936
Conc: 95.63 ng/ml



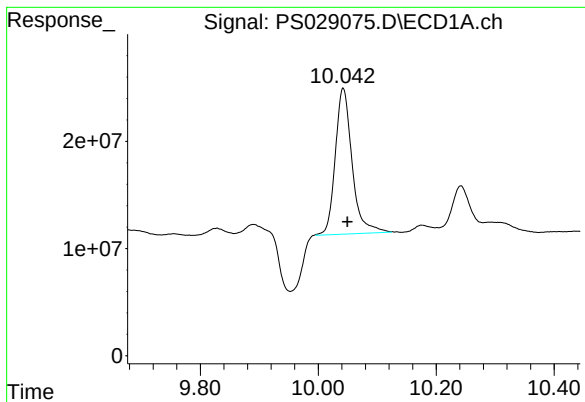
#12 2,4,5-T

R.T.: 9.469 min
Delta R.T.: -0.011 min
Response: 1735501447
Conc: 92.71 ng/ml m



#12 2,4,5-T

R.T.: 10.214 min
Delta R.T.: -0.016 min
Response: 743919785
Conc: 83.30 ng/ml m



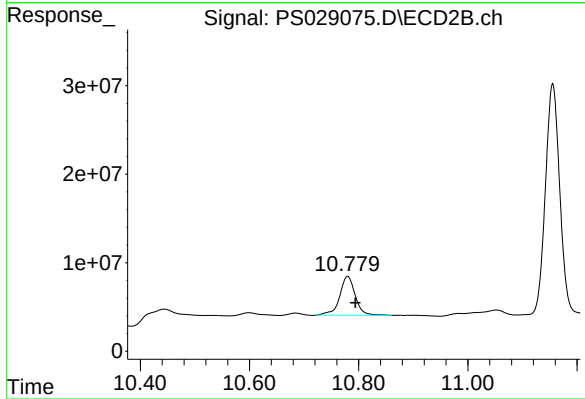
#13 2,4-DB

R.T.: 10.042 min
Delta R.T.: -0.008 min
Response: 269039302
Conc: 77.05 ng/ml

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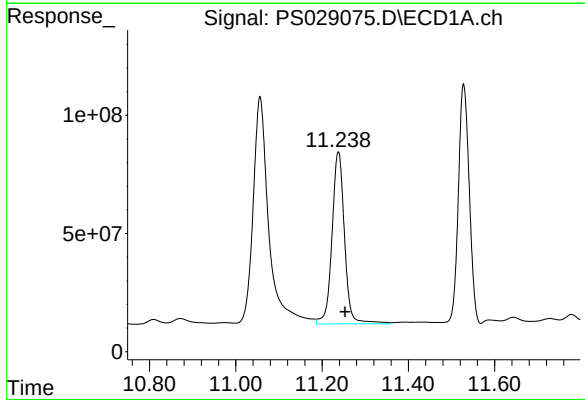
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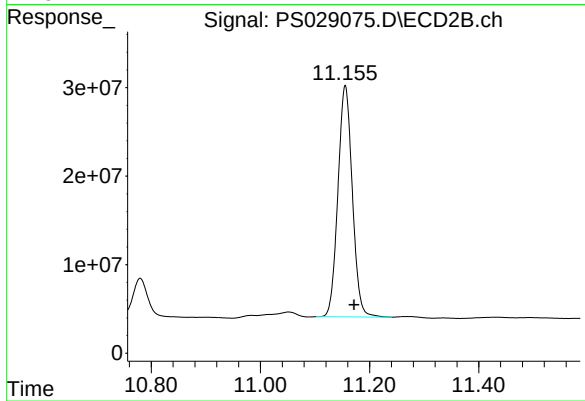
#13 2,4-DB

R.T.: 10.780 min
Delta R.T.: -0.014 min
Response: 86858841
Conc: 87.33 ng/ml



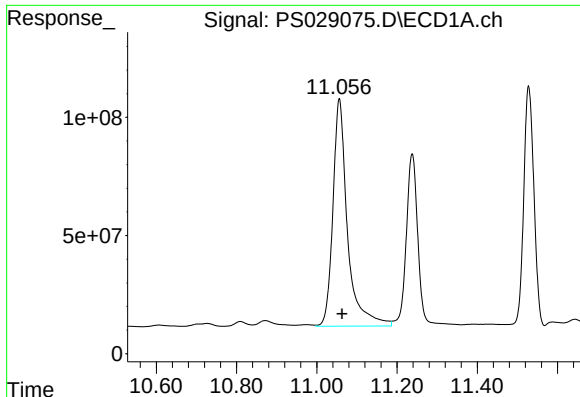
#14 DINOSEB

R.T.: 11.238 min
Delta R.T.: -0.016 min
Response: 1467855114
Conc: 91.07 ng/ml



#14 DINOSEB

R.T.: 11.155 min
Delta R.T.: -0.017 min
Response: 477826718
Conc: 75.25 ng/ml



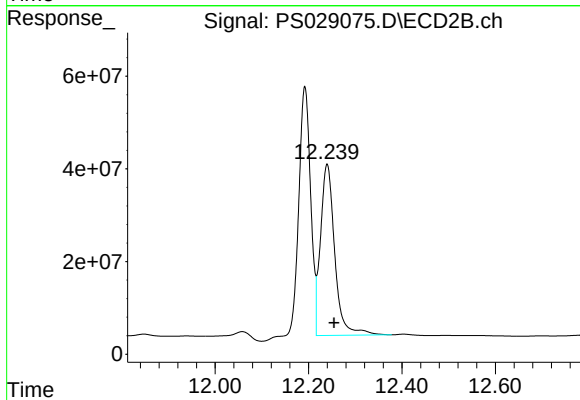
#15 Picloram

R.T.: 11.056 min
Delta R.T.: -0.007 min
Response: 2427547748
Conc: 78.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
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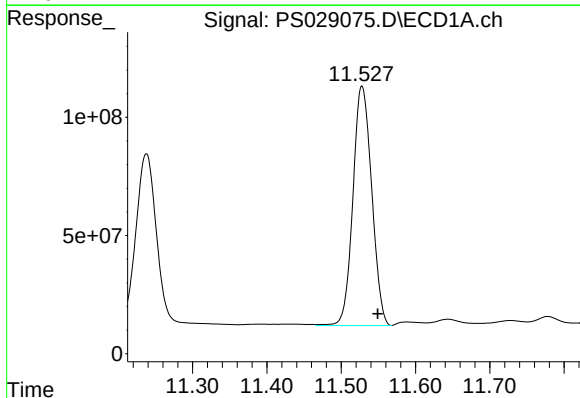
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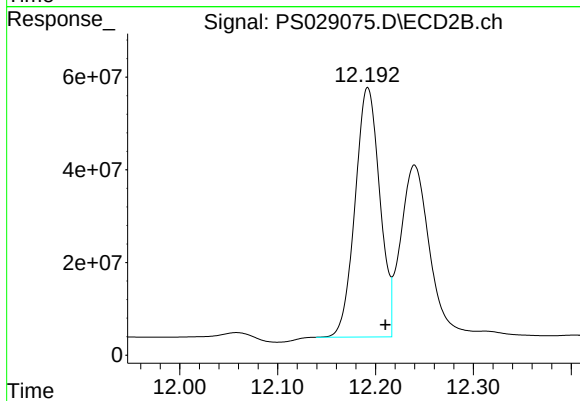
#15 Picloram

R.T.: 12.239 min
Delta R.T.: -0.015 min
Response: 783294187
Conc: 58.20 ng/ml m



#16 DCPA

R.T.: 11.528 min
Delta R.T.: -0.021 min
Response: 1778920941
Conc: 63.78 ng/ml



#16 DCPA

R.T.: 12.192 min
Delta R.T.: -0.019 min
Response: 943423003
Conc: 83.72 ng/ml m