

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS022123\
 Data File : PS022229.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2023 22:36
 Operator : AR\AJ
 Sample : 01627-07
 Misc : LOD,WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/22/2023
 Supervised By :Ankita Jodhani 02/22/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 01:40:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS022023.M
 Quant Title : 8080.M
 QLast Update : Mon Feb 20 13:26:02 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	6.299	6.724	1070.6E6	1095.5E6	431.907m	521.929
Target Compounds							
1) T	Dalapon	2.405	2.485	139.4E6	668.6E6	43.971m	207.643 #
2) T	3,5-DICHL...	5.683	5.928	334.9E6	283.9E6	90.078m	91.822
3) T	4-Nitroph...	6.160	6.364	89816263	77797977	70.581m	58.252
5) T	DICAMBA	6.436	6.883	916.0E6	857.6E6	88.272	88.745
6) T	MCPD	6.581	6.972	55360841	58276226	7.255	7.633
7) T	MCPA	6.702	7.181	78028370	113.7E6	7.493	11.156 #
8) T	DICHLORPROP	7.024	7.506	250.9E6	283.1E6	92.897	115.155
9) T	2,4-D	7.237	7.799	301.3E6	323.8E6	91.906	111.819m
10) T	Pentachlo...	7.443	8.211	3991.7E6	3611.8E6	110.871	111.471
11) T	2,4,5-TP ...	7.970	8.573	1676.4E6	1422.0E6	108.697	105.713m
12) T	2,4,5-T	8.234	8.956	1648.8E6	1209.2E6	95.035	100.543
13) T	2,4-DB	8.743	9.459	293.8E6	155.4E6	108.379	93.585
14) T	DINOSEB	9.778	9.777	1311.8E6	971.2E6	95.453	101.790m
15) T	Picloram	9.637	10.759	1745.5E6	1702.6E6	70.858	86.842
16) T	DCPA	10.046	10.704	2485.0E6	1475.4E6	116.676	94.307

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

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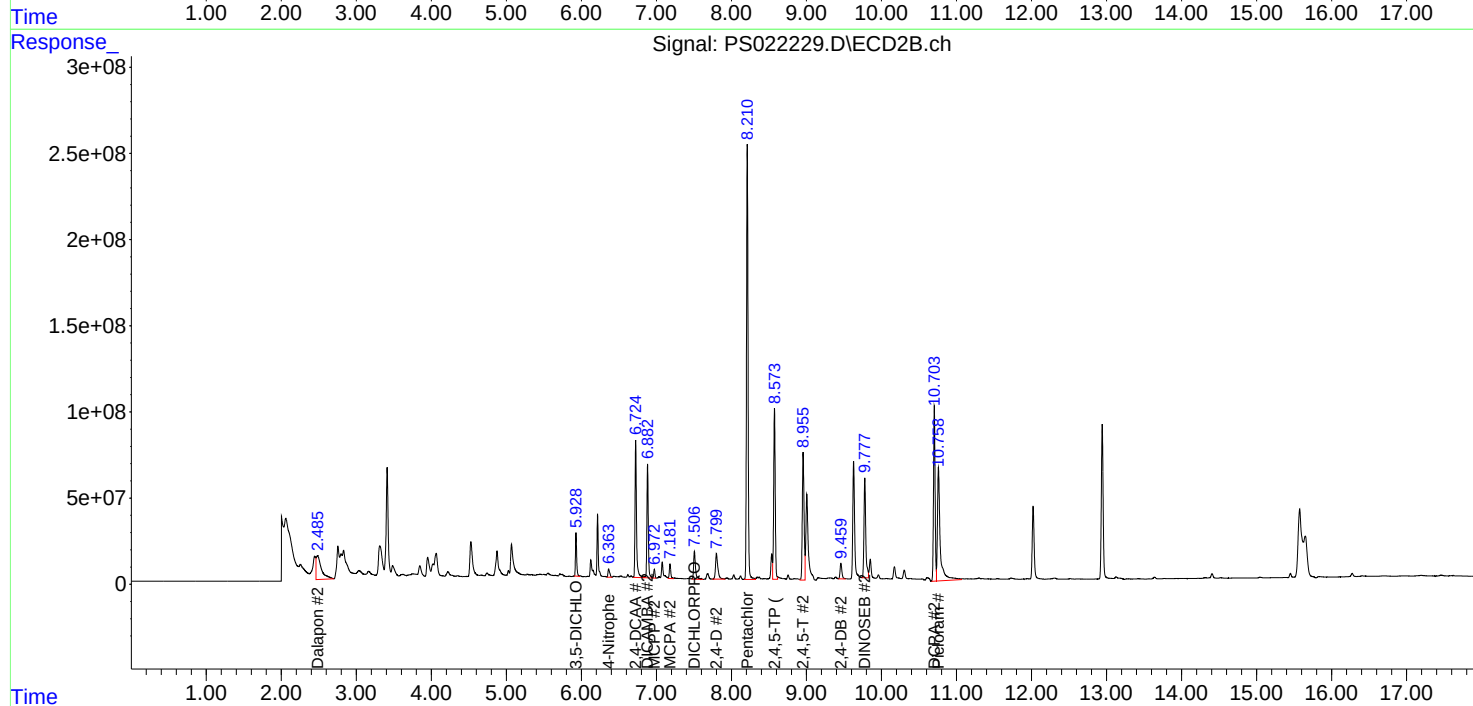
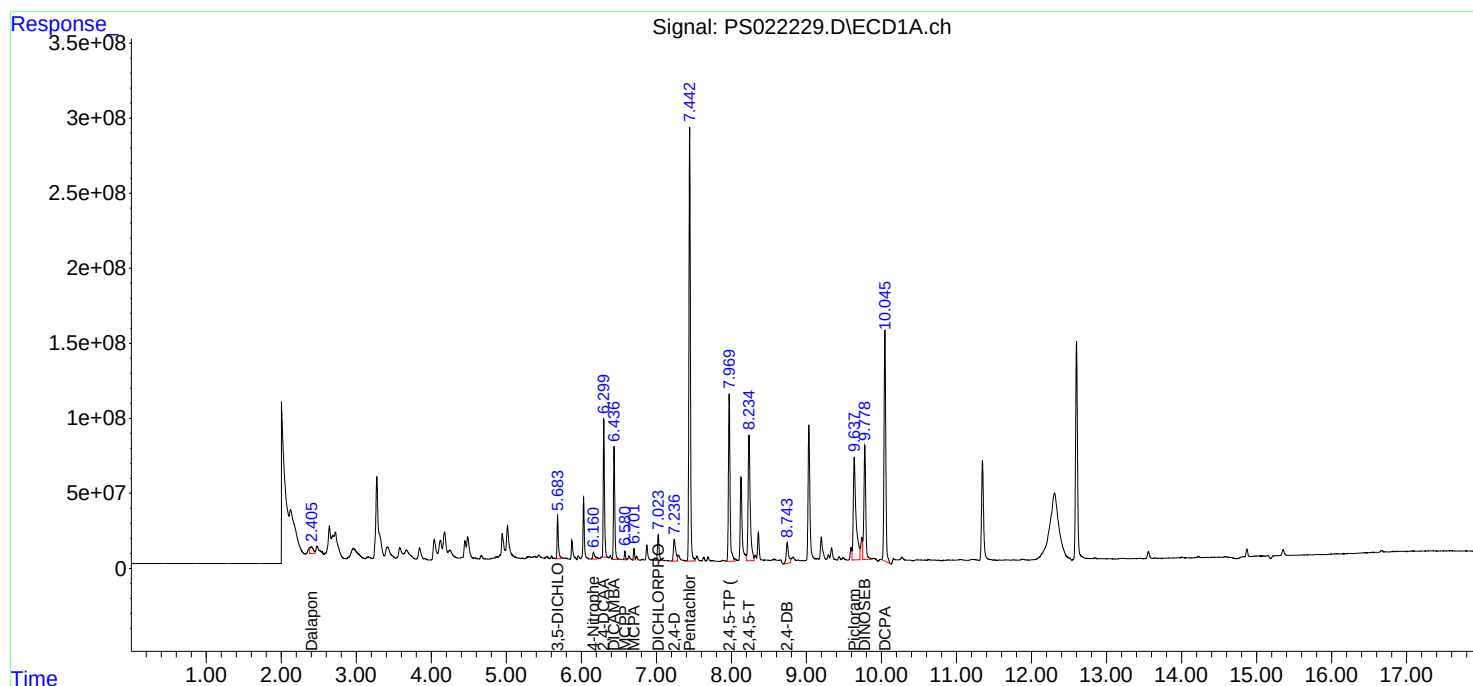
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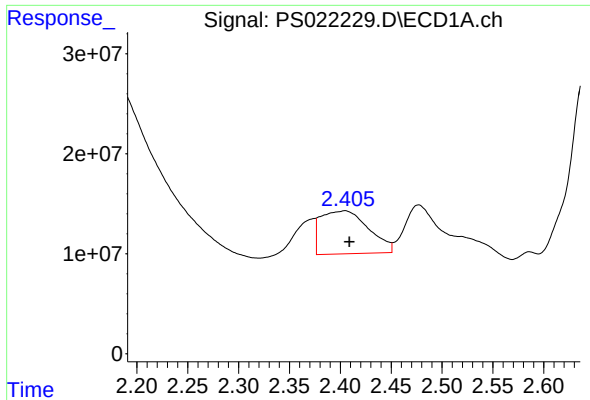
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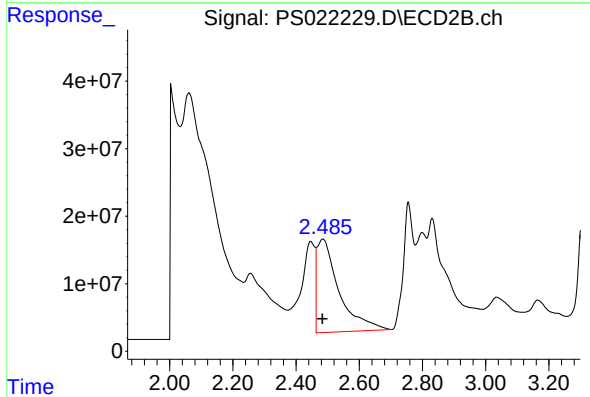
#1 Dalapon

R.T.: 2.405 min
Delta R.T.: -0.004 min
Response: 139401672
Conc: 43.97 ng/ml

Instrument :
ECD_S
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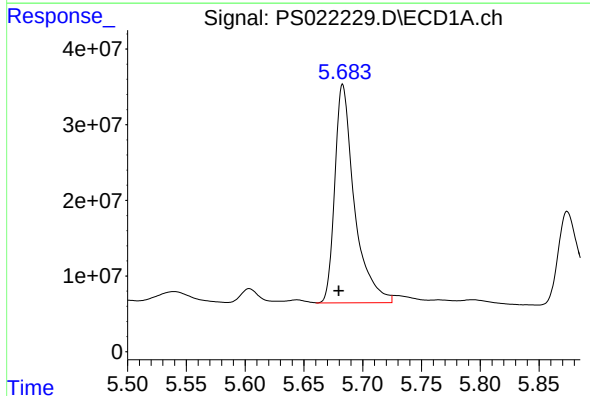
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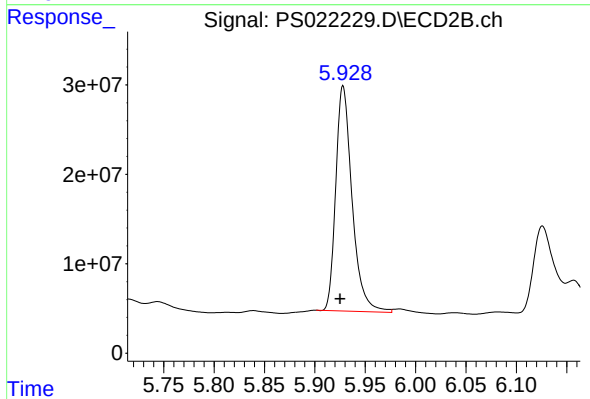
#1 Dalapon

R.T.: 2.485 min
Delta R.T.: 0.002 min
Response: 668642715
Conc: 207.64 ng/ml



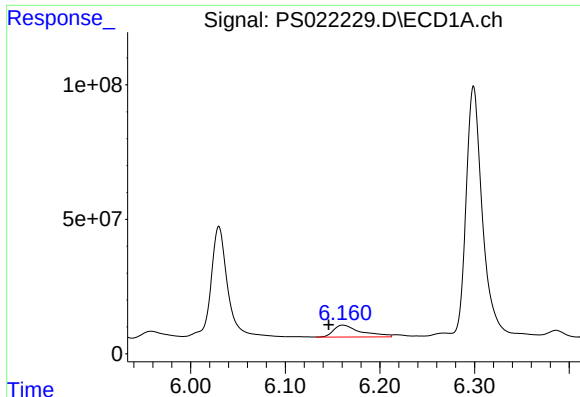
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.683 min
Delta R.T.: 0.003 min
Response: 334854508
Conc: 90.08 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.928 min
Delta R.T.: 0.003 min
Response: 283942160
Conc: 91.82 ng/ml



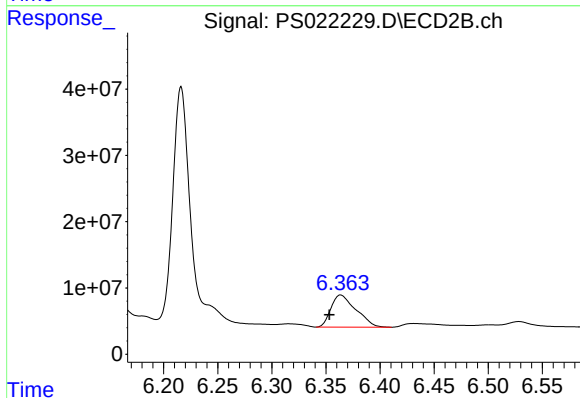
#3 4-Nitrophenol

R.T.: 6.160 min
Delta R.T.: 0.014 min
Response: 89816263
Conc: 70.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
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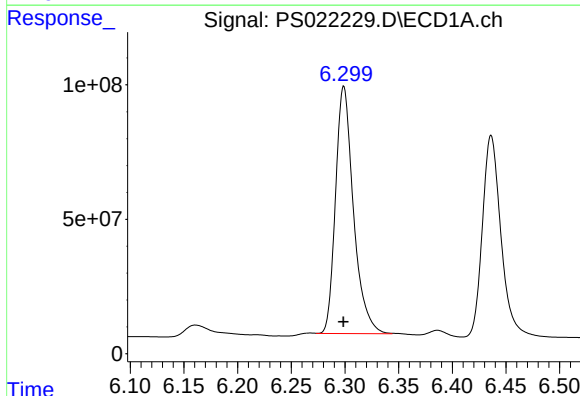
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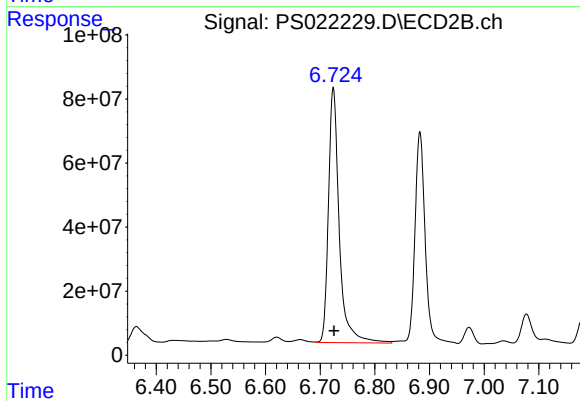
#3 4-Nitrophenol

R.T.: 6.364 min
Delta R.T.: 0.010 min
Response: 77797977
Conc: 58.25 ng/ml



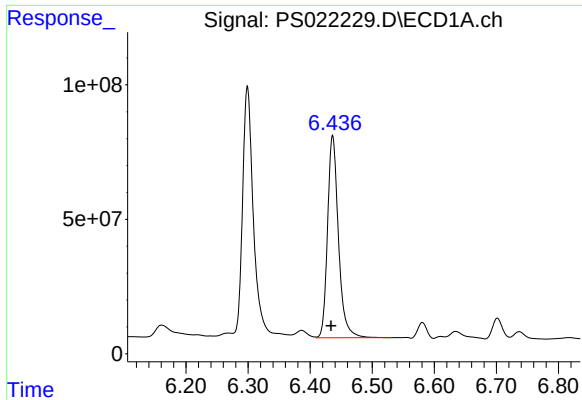
#4 2,4-DCAA

R.T.: 6.299 min
Delta R.T.: 0.000 min
Response: 1070563869
Conc: 431.91 ng/ml m



#4 2,4-DCAA

R.T.: 6.724 min
Delta R.T.: -0.002 min
Response: 1095509143
Conc: 521.93 ng/ml



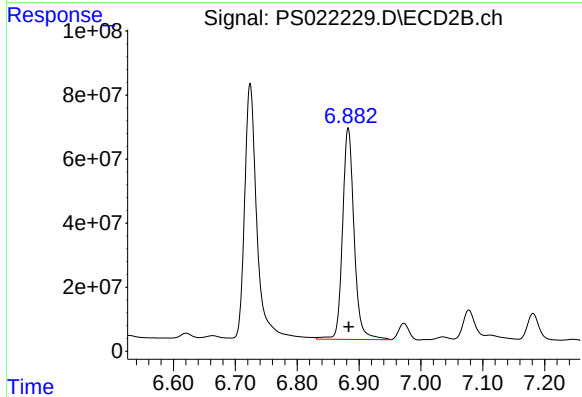
#5 DICAMBA

R.T.: 6.436 min
Delta R.T.: 0.003 min
Response: 915962755
Conc: 88.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

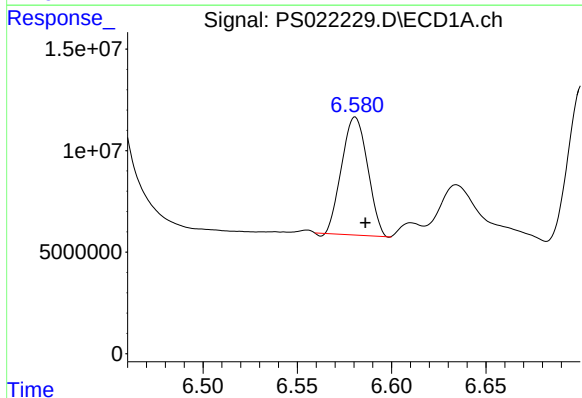
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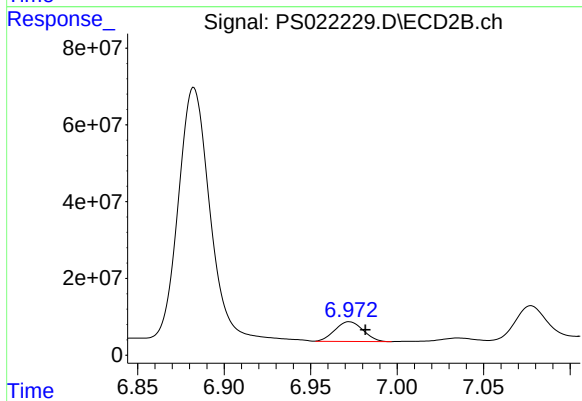
#5 DICAMBA

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 857634147
Conc: 88.75 ng/ml



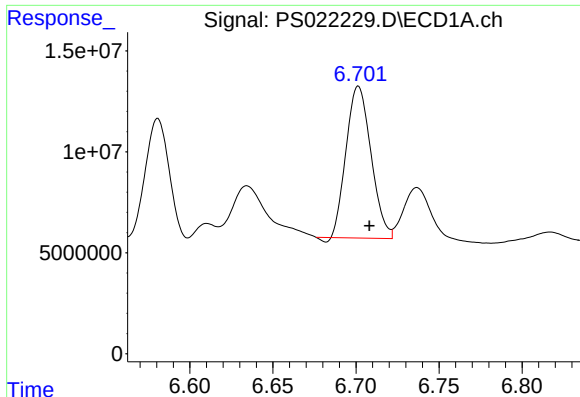
#6 MCPP

R.T.: 6.581 min
Delta R.T.: -0.005 min
Response: 55360841
Conc: 7.26 ug/ml



#6 MCPP

R.T.: 6.972 min
Delta R.T.: -0.009 min
Response: 58276226
Conc: 7.63 ug/ml



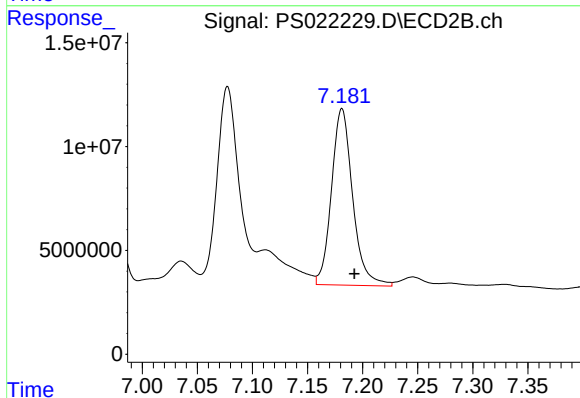
#7 MCPA

R.T.: 6.702 min
Delta R.T.: -0.007 min
Response: 78028370
Conc: 7.49 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

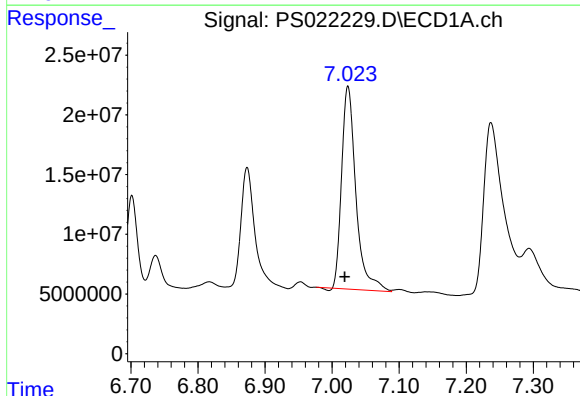
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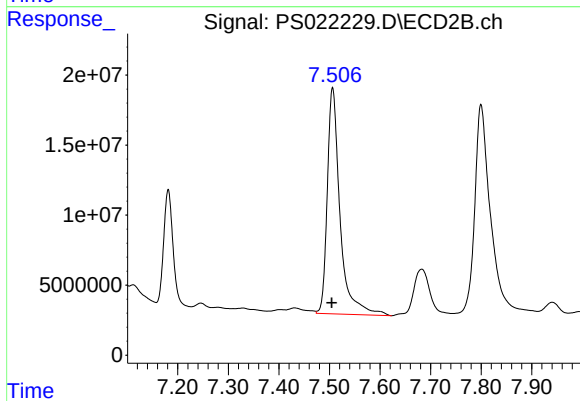
#7 MCPA

R.T.: 7.181 min
Delta R.T.: -0.011 min
Response: 113710541
Conc: 11.16 ug/ml



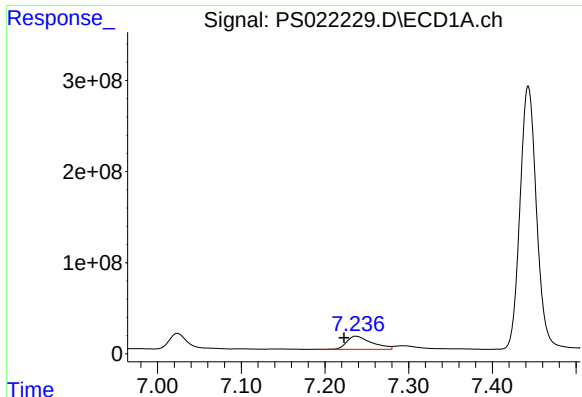
#8 DICHLORPROP

R.T.: 7.024 min
Delta R.T.: 0.005 min
Response: 250878382
Conc: 92.90 ng/ml



#8 DICHLORPROP

R.T.: 7.506 min
Delta R.T.: 0.002 min
Response: 283099518
Conc: 115.15 ng/ml



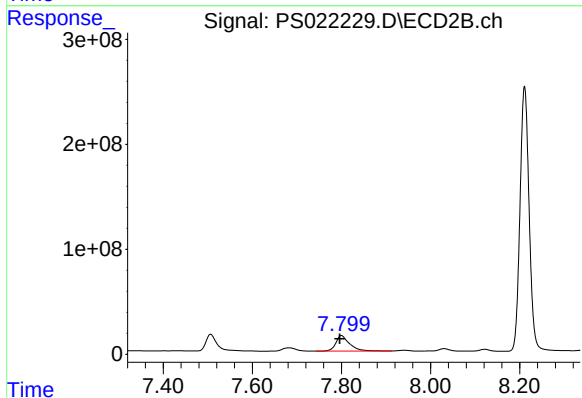
#9 2,4-D

R.T.: 7.237 min
Delta R.T.: 0.014 min
Response: 301334200
Conc: 91.91 ng/ml

Instrument :
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ClientSampleId :
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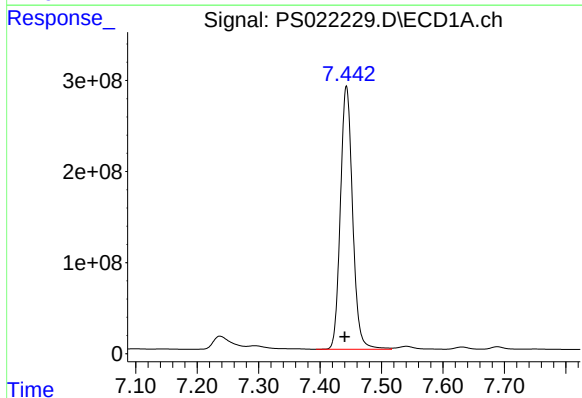
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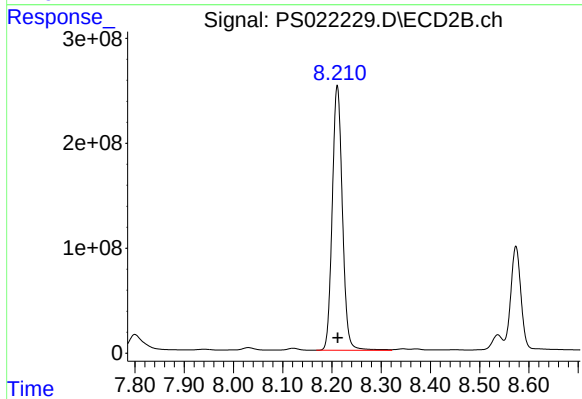
#9 2,4-D

R.T.: 7.799 min
Delta R.T.: 0.003 min
Response: 323795032
Conc: 111.82 ng/ml m



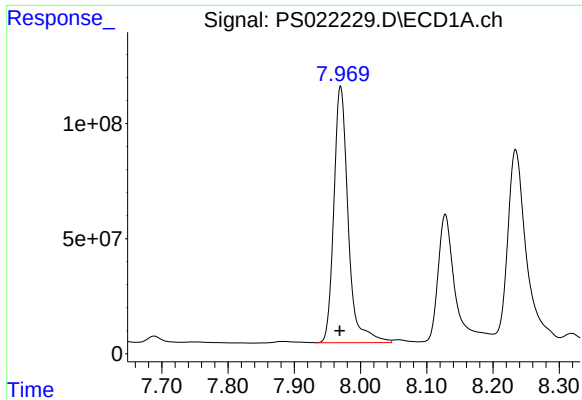
#10 Pentachlorophenol

R.T.: 7.443 min
Delta R.T.: 0.003 min
Response: 3991681055
Conc: 110.87 ng/ml



#10 Pentachlorophenol

R.T.: 8.211 min
Delta R.T.: -0.001 min
Response: 3611848080
Conc: 111.47 ng/ml



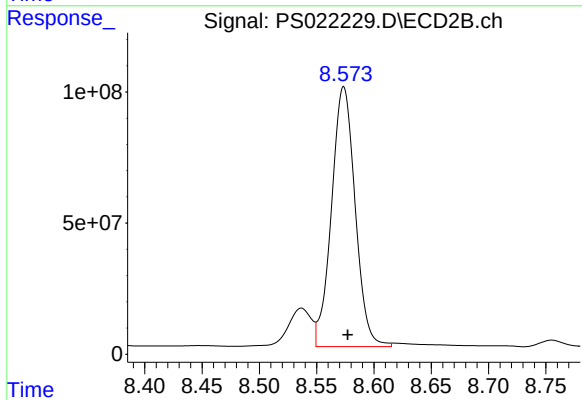
#11 2,4,5-TP (SILVEX)

R.T.: 7.970 min
Delta R.T.: 0.001 min
Response: 1676378729
Conc: 108.70 ng/ml

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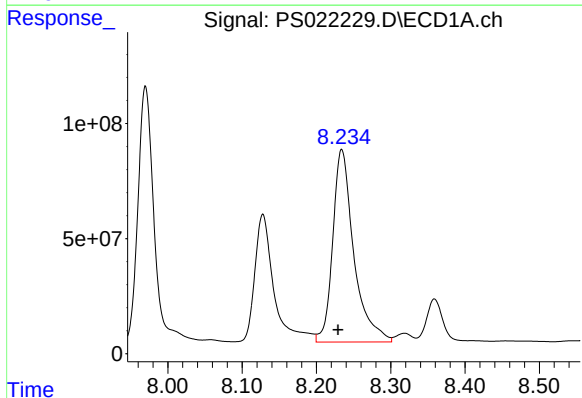
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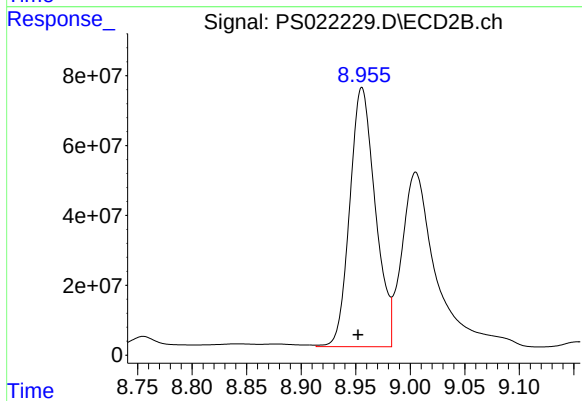
#11 2,4,5-TP (SILVEX)

R.T.: 8.573 min
Delta R.T.: -0.004 min
Response: 1421957969
Conc: 105.71 ng/ml m



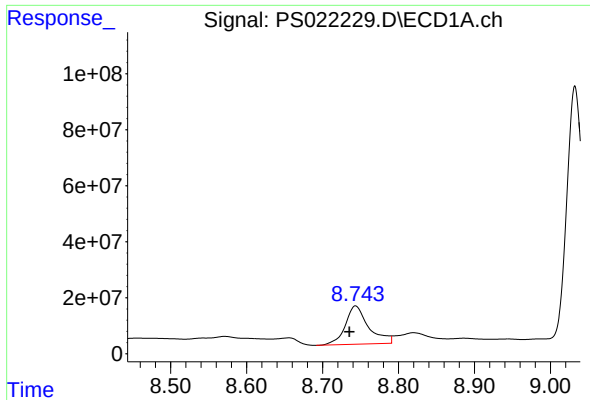
#12 2,4,5-T

R.T.: 8.234 min
Delta R.T.: 0.005 min
Response: 1648774983
Conc: 95.04 ng/ml



#12 2,4,5-T

R.T.: 8.956 min
Delta R.T.: 0.004 min
Response: 1209241180
Conc: 100.54 ng/ml



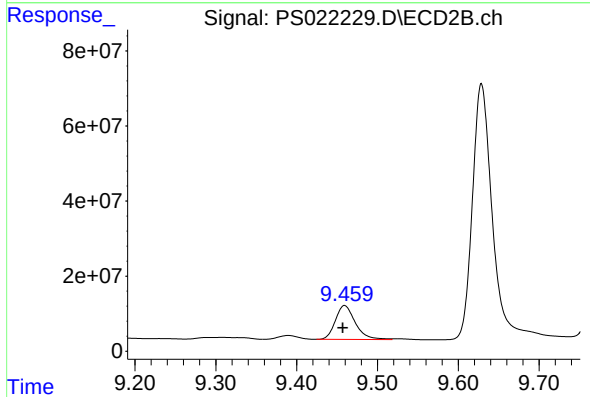
#13 2,4-DB

R.T.: 8.743 min
Delta R.T.: 0.008 min
Response: 293809008
Conc: 108.38 ng/ml

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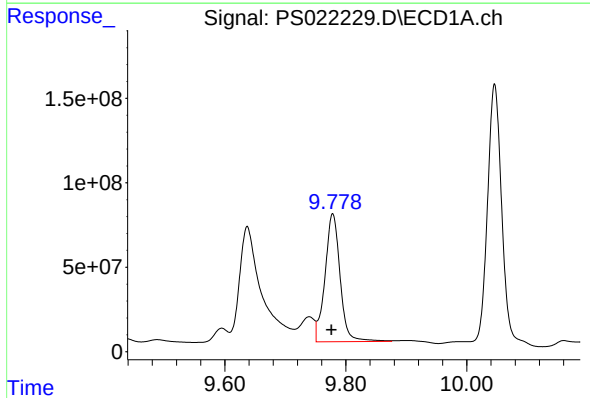
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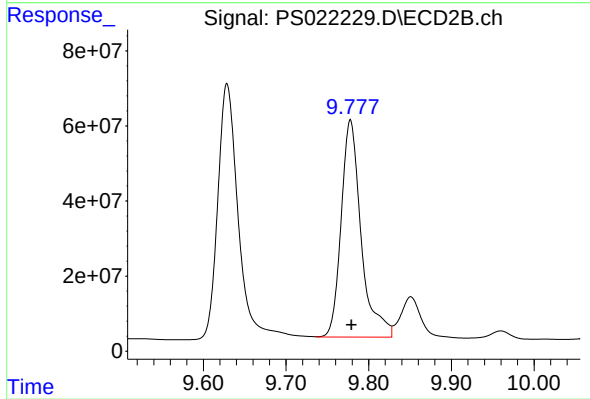
#13 2,4-DB

R.T.: 9.459 min
Delta R.T.: 0.002 min
Response: 155375784
Conc: 93.59 ng/ml



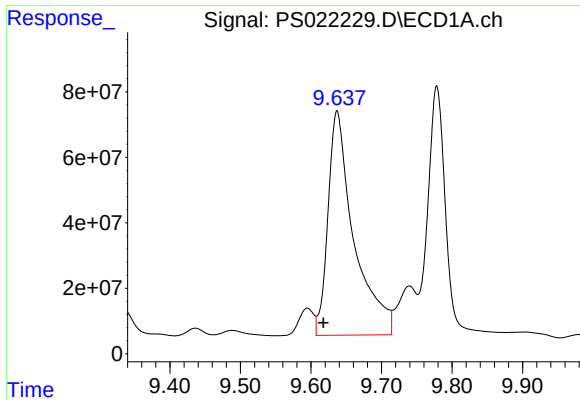
#14 DINOSEB

R.T.: 9.778 min
Delta R.T.: 0.002 min
Response: 1311803531
Conc: 95.45 ng/ml



#14 DINOSEB

R.T.: 9.777 min
Delta R.T.: -0.002 min
Response: 971170759
Conc: 101.79 ng/ml m



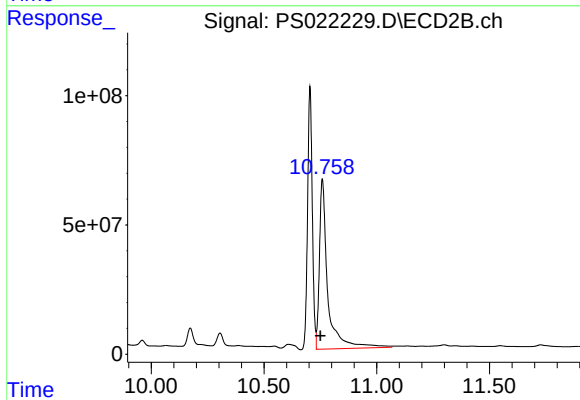
#15 Picloram

R.T.: 9.637 min
Delta R.T.: 0.020 min
Response: 1745507832
Conc: 70.86 ng/ml

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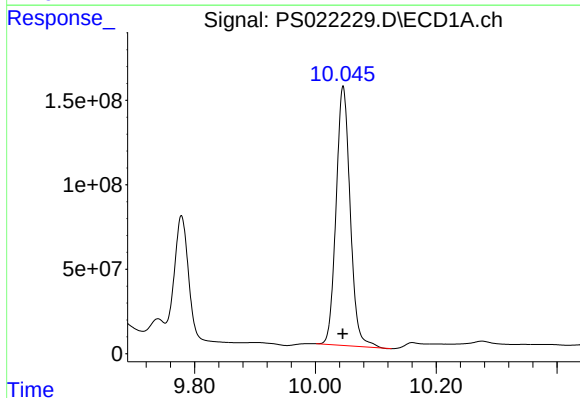
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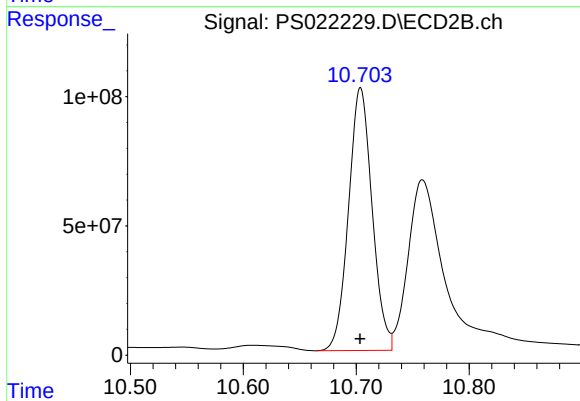
#15 Picloram

R.T.: 10.759 min
Delta R.T.: 0.009 min
Response: 1702626422
Conc: 86.84 ng/ml



#16 DCPA

R.T.: 10.046 min
Delta R.T.: 0.000 min
Response: 2485032430
Conc: 116.68 ng/ml



#16 DCPA

R.T.: 10.704 min
Delta R.T.: 0.000 min
Response: 1475419575
Conc: 94.31 ng/ml