

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS020625\
 Data File : PS029088.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2025 12:58
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/07/2025
 Supervised By : Ankita Jodhani 02/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 01:44:08 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 x 0.5 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	2099.9E6	764.5E6	774.866	690.811
Target Compounds							
1) T	Dalapon	2.612	2.662	2291.0E6	1389.7E6	767.032	683.768
2) T	3,5-DICHL...	6.367	6.633	2843.8E6	1048.9E6	728.452	640.111
3) T	4-Nitroph...	6.987	7.196	1231.1E6	597.3E6	704.119	677.484
5) T	DICAMBA	7.374	7.862	8738.0E6	3878.0E6	749.549	695.091
6) T	MCPD	7.556	7.967	527.6E6	185.3E6	75.722m	61.183
7) T	MCPA	7.705	8.208	711.8E6	255.1E6	71.951	60.024
8) T	DICHLORPROP	8.077	8.573	2243.0E6	946.1E6	726.098	677.905
9) T	2,4-D	8.306	8.899	2384.7E6	993.0E6	723.270	668.493
10) T	Pentachlo...	8.602	9.421	35760.1E6	16835.6E6	787.504	738.270
11) T	2,4,5-TP ...	9.177	9.797	13908.3E6	6771.3E6	745.851	725.081
12) T	2,4,5-T	9.468	10.214	13886.1E6	6362.6E6	741.761	712.437
13) T	2,4-DB	10.038	10.778	2512.1E6	656.6E6	719.397	660.143
14) T	DINOSEB	11.240	11.156	11354.0E6	4310.8E6	704.461	678.907
15) T	Picloram	11.050	12.237	21775.8E6	9158.9E6	702.690	680.480
16) T	DCPA	11.536	12.193	20881.5E6	8524.3E6	748.683	756.448

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

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Acq On : 06 Feb 2025 12:58
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

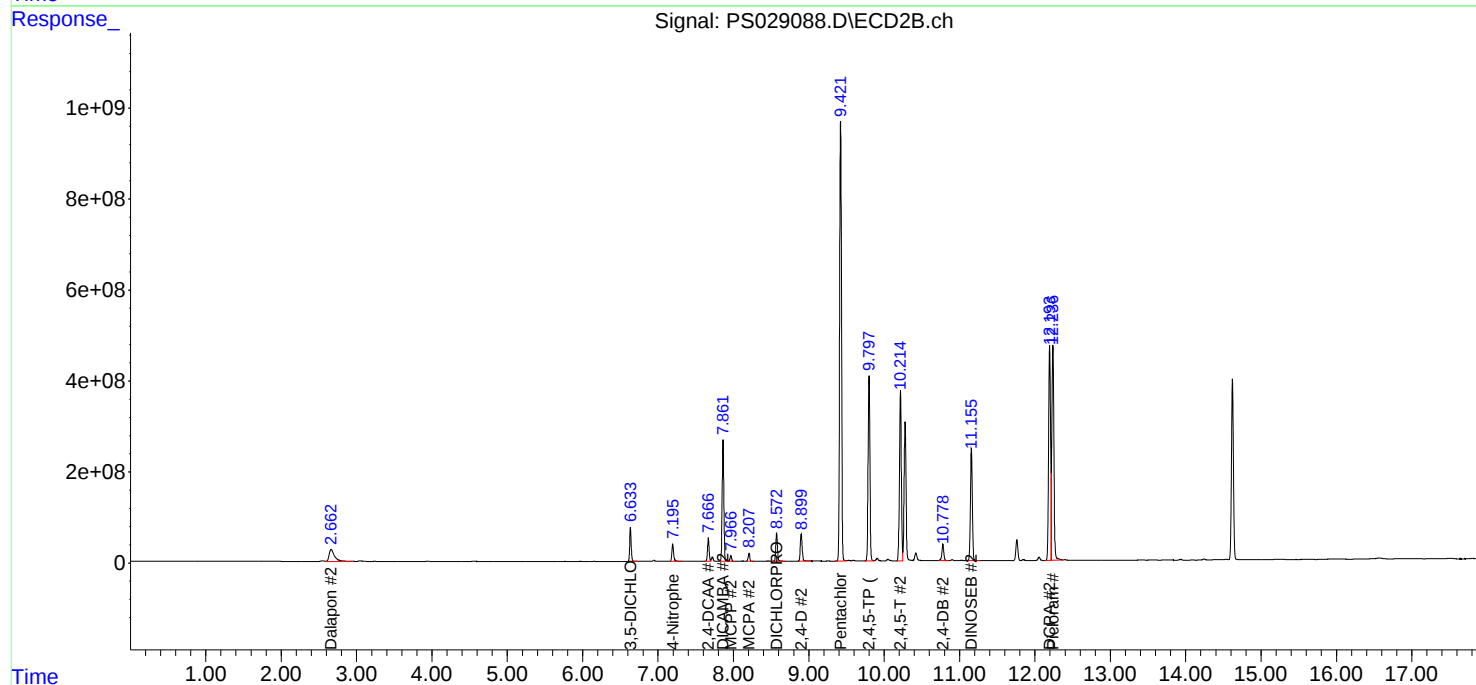
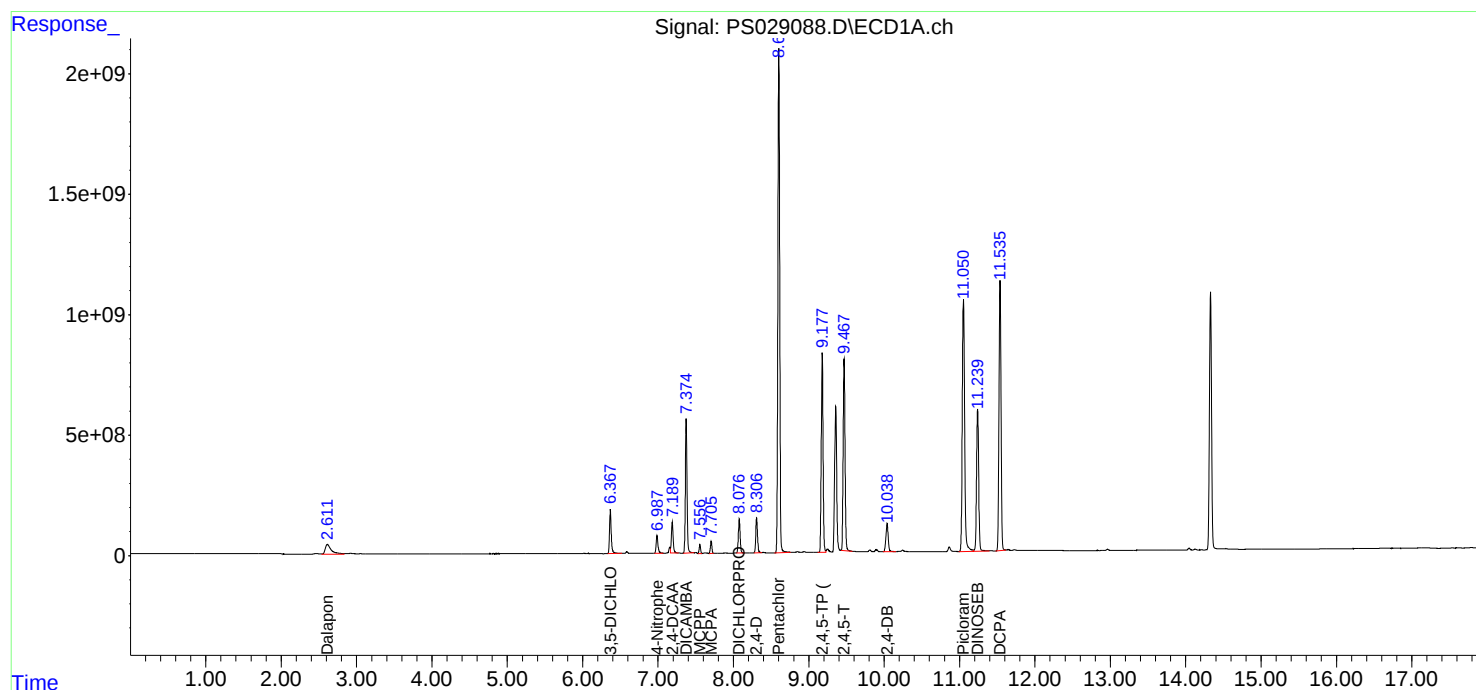
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

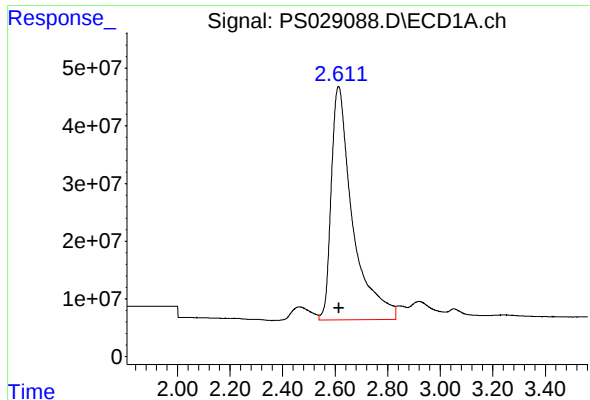
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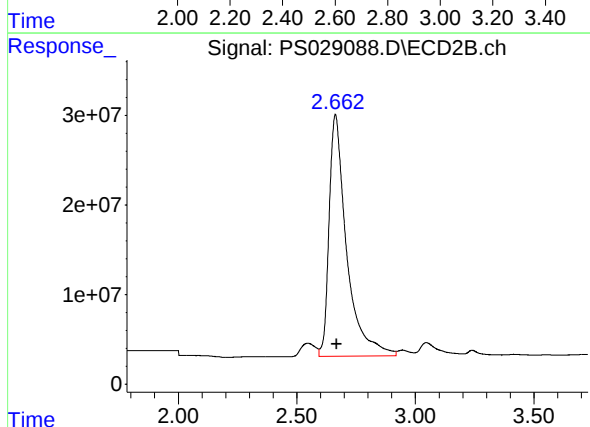
#1 Dalapon

R.T.: 2.612 min
Delta R.T.: -0.003 min
Response: 2290974607
Conc: 767.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

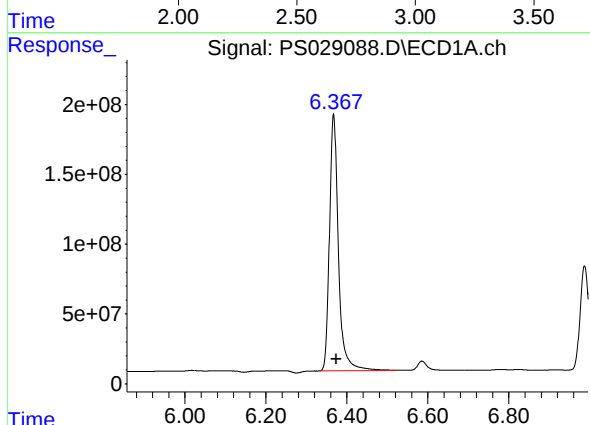
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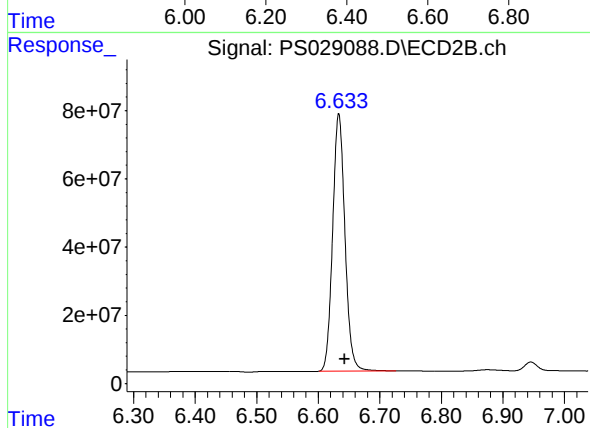
#1 Dalapon

R.T.: 2.662 min
Delta R.T.: -0.005 min
Response: 1389732386
Conc: 683.77 ng/ml



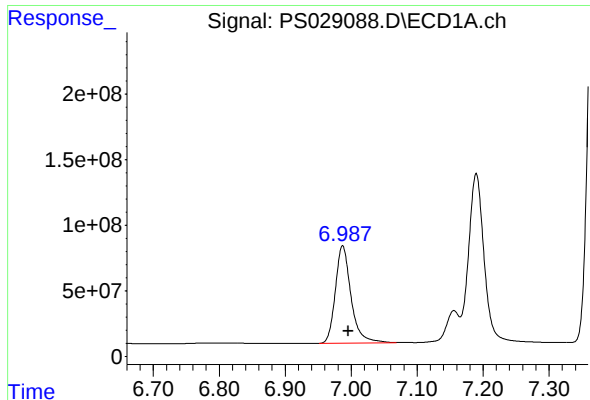
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.367 min
Delta R.T.: -0.007 min
Response: 2843818117
Conc: 728.45 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.633 min
Delta R.T.: -0.009 min
Response: 1048906872
Conc: 640.11 ng/ml



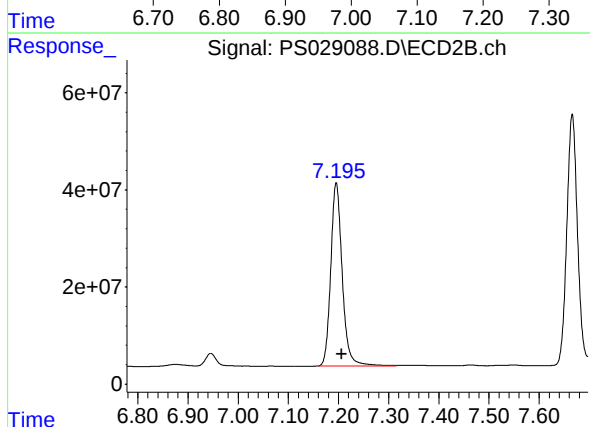
#3 4-Nitrophenol

R.T.: 6.987 min
Delta R.T.: -0.008 min
Response: 1231103865
Conc: 704.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

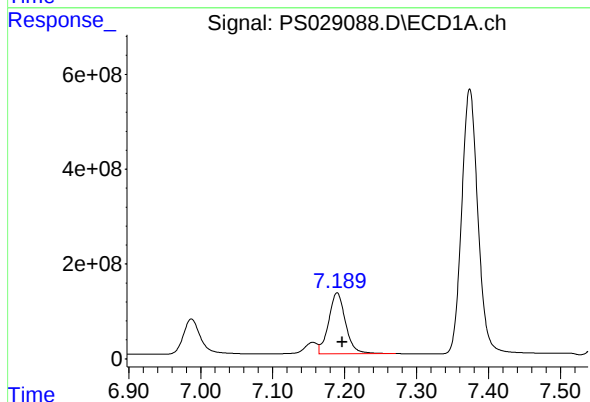
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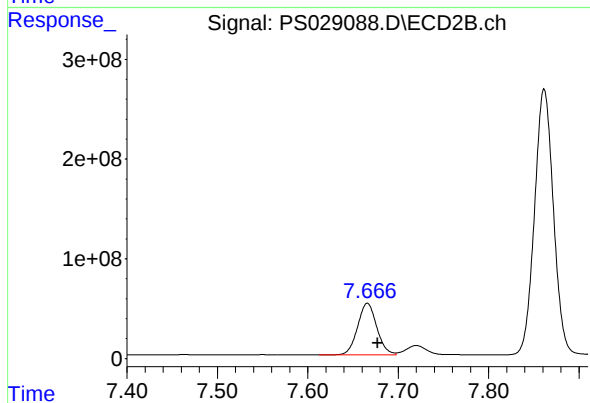
#3 4-Nitrophenol

R.T.: 7.196 min
Delta R.T.: -0.011 min
Response: 597288563
Conc: 677.48 ng/ml



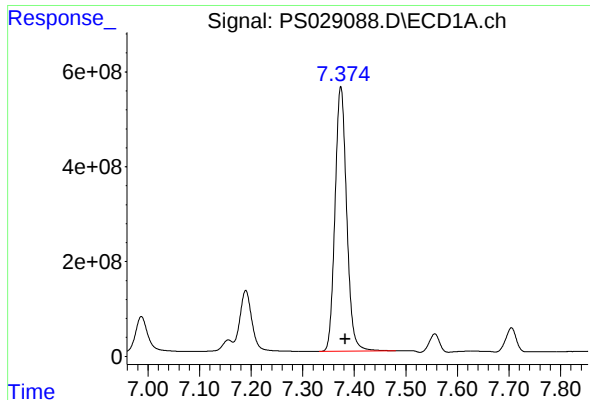
#4 2,4-DCAA

R.T.: 7.190 min
Delta R.T.: -0.007 min
Response: 2099856986
Conc: 774.87 ng/ml



#4 2,4-DCAA

R.T.: 7.666 min
Delta R.T.: -0.011 min
Response: 764497806
Conc: 690.81 ng/ml



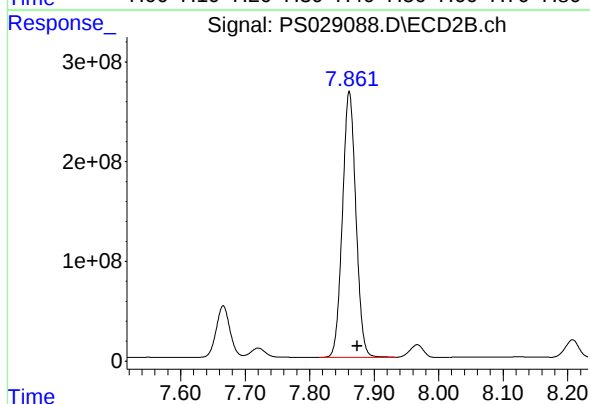
#5 DICAMBA

R.T.: 7.374 min
Delta R.T.: -0.009 min
Response: 8738034933
Conc: 749.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

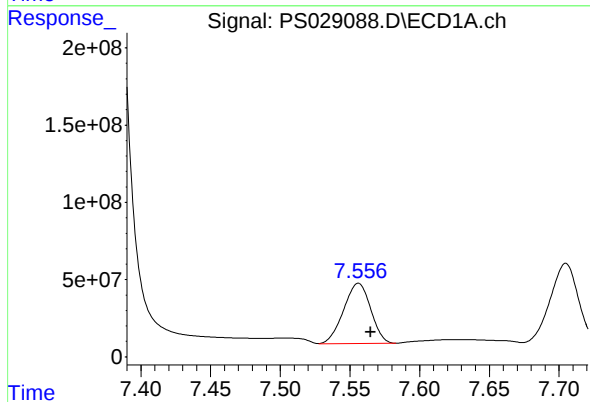
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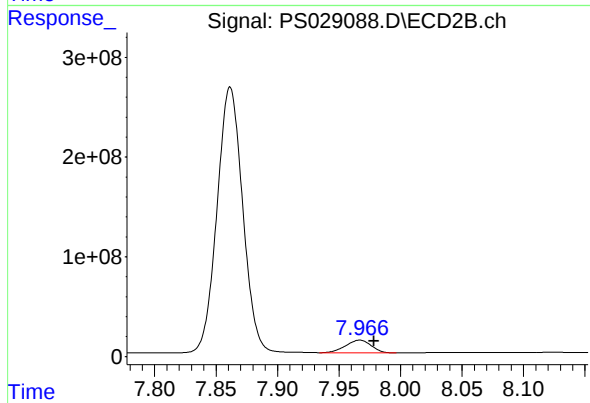
#5 DICAMBA

R.T.: 7.862 min
Delta R.T.: -0.013 min
Response: 3878024097
Conc: 695.09 ng/ml



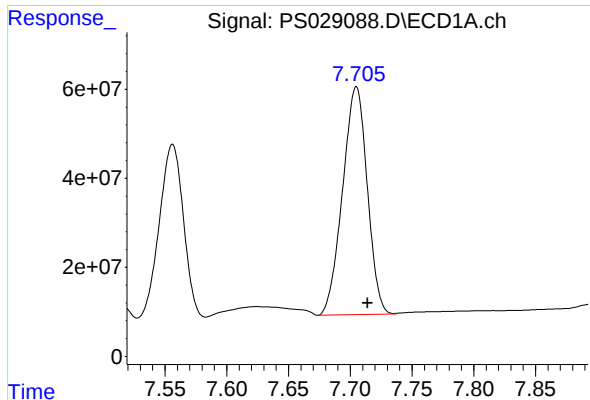
#6 MCPP

R.T.: 7.556 min
Delta R.T.: -0.009 min
Response: 527644792
Conc: 75.72 ug/ml m



#6 MCPP

R.T.: 7.967 min
Delta R.T.: -0.012 min
Response: 185341185
Conc: 61.18 ug/ml



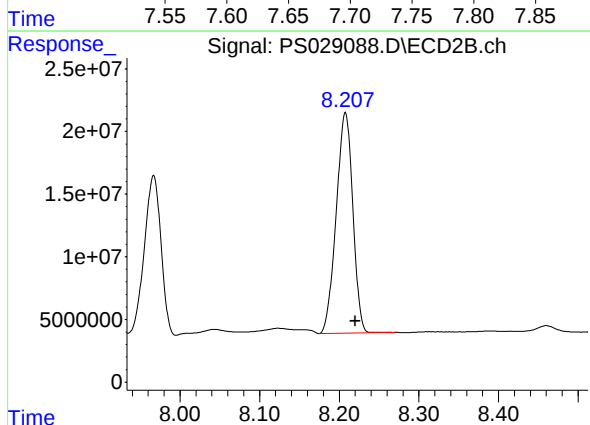
#7 MCPA

R.T.: 7.705 min
Delta R.T.: -0.009 min
Response: 711797550
Conc: 71.95 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

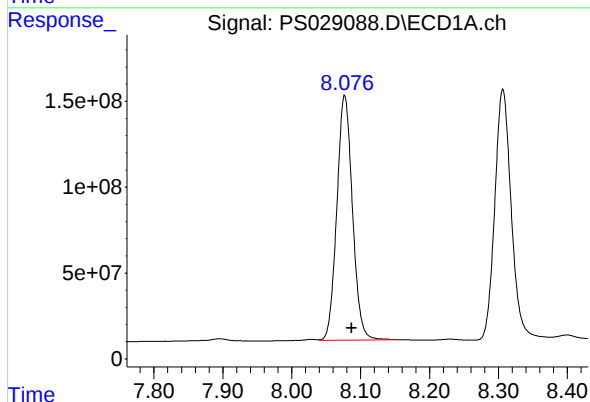
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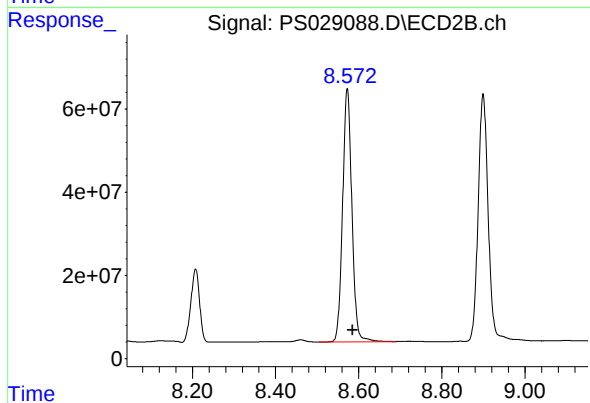
#7 MCPA

R.T.: 8.208 min
Delta R.T.: -0.012 min
Response: 255127897
Conc: 60.02 ug/ml



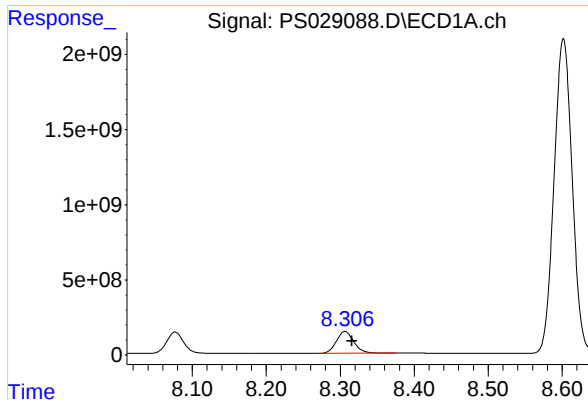
#8 DICHLORPROP

R.T.: 8.077 min
Delta R.T.: -0.010 min
Response: 2242993256
Conc: 726.10 ng/ml



#8 DICHLORPROP

R.T.: 8.573 min
Delta R.T.: -0.013 min
Response: 946060815
Conc: 677.91 ng/ml



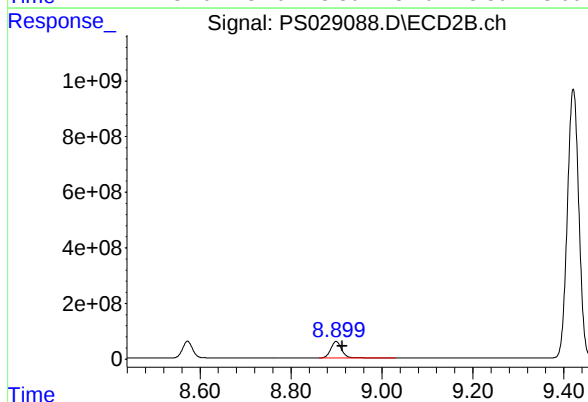
#9 2,4-D

R.T.: 8.306 min
Delta R.T.: -0.010 min
Response: 2384665107
Conc: 723.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

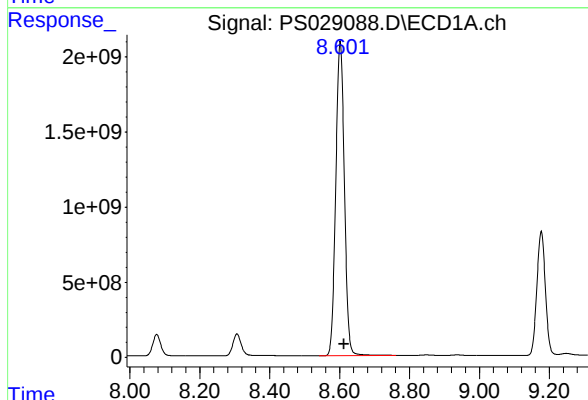
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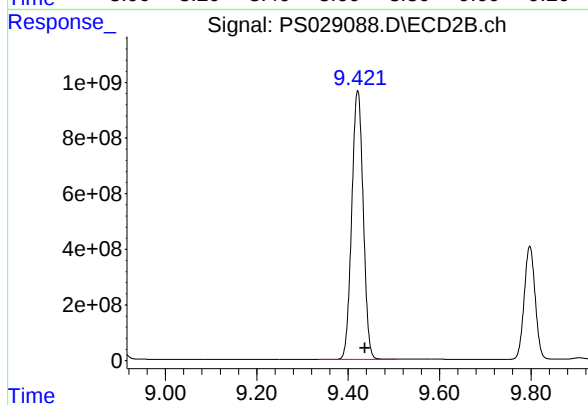
#9 2,4-D

R.T.: 8.899 min
Delta R.T.: -0.014 min
Response: 993022792
Conc: 668.49 ng/ml



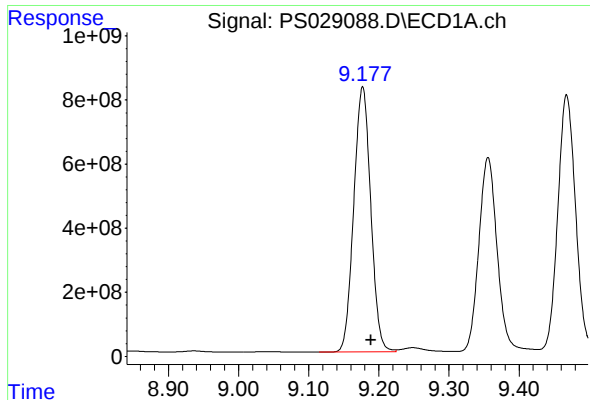
#10 Pentachlorophenol

R.T.: 8.602 min
Delta R.T.: -0.012 min
Response: 35760059449
Conc: 787.50 ng/ml



#10 Pentachlorophenol

R.T.: 9.421 min
Delta R.T.: -0.016 min
Response: 16835564258
Conc: 738.27 ng/ml



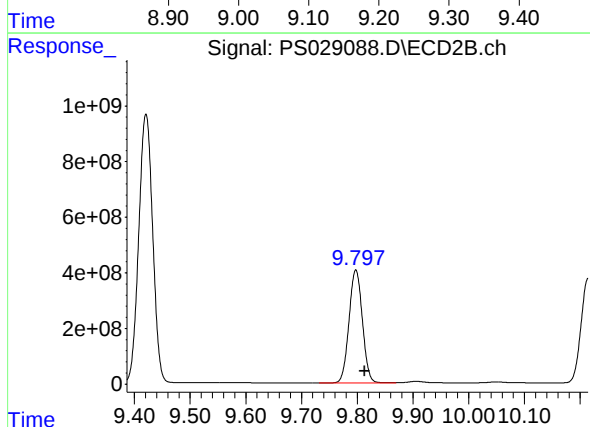
#11 2,4,5-TP (SILVEX)

R.T.: 9.177 min
Delta R.T.: -0.012 min
Response: 13908324176
Conc: 745.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

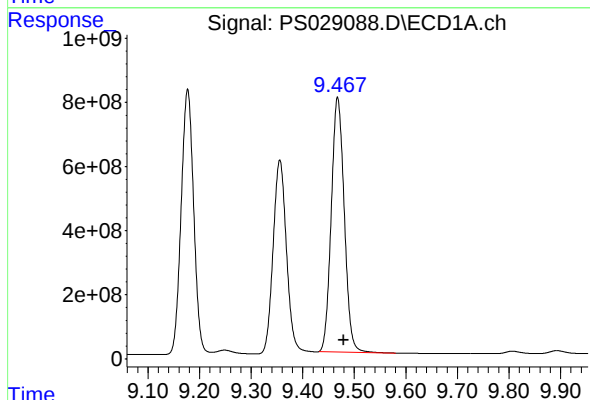
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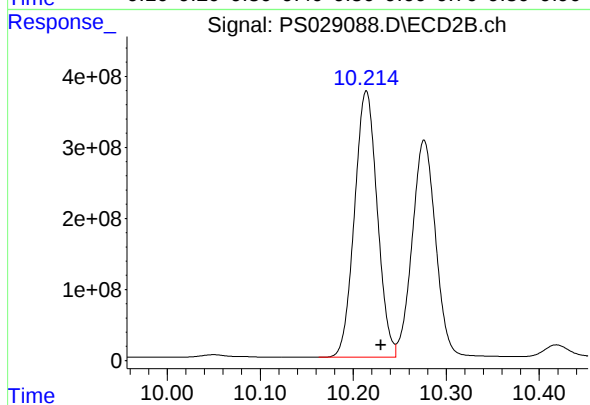
#11 2,4,5-TP (SILVEX)

R.T.: 9.797 min
Delta R.T.: -0.015 min
Response: 6771293450
Conc: 725.08 ng/ml



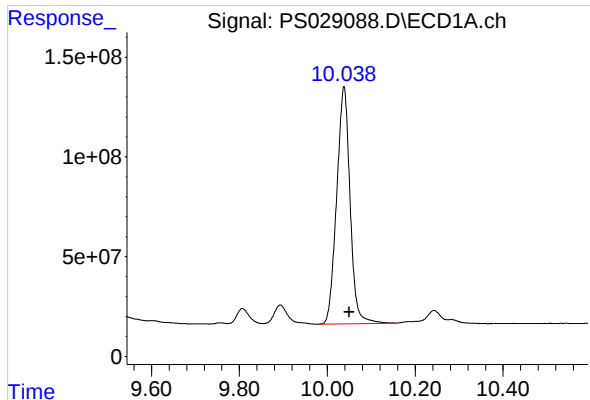
#12 2,4,5-T

R.T.: 9.468 min
Delta R.T.: -0.012 min
Response: 13886142970
Conc: 741.76 ng/ml



#12 2,4,5-T

R.T.: 10.214 min
Delta R.T.: -0.016 min
Response: 6362581206
Conc: 712.44 ng/ml



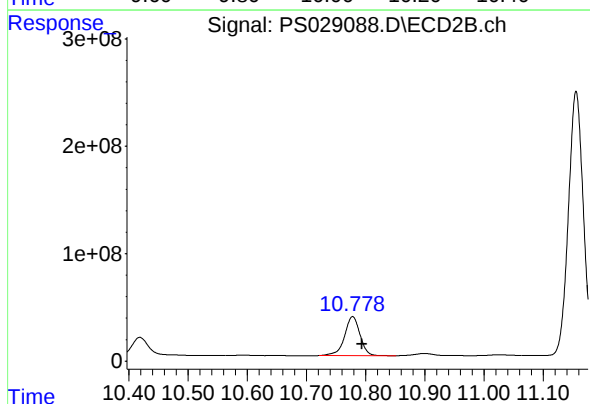
#13 2,4-DB

R.T.: 10.038 min
Delta R.T.: -0.012 min
Response: 2512059496
Conc: 719.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

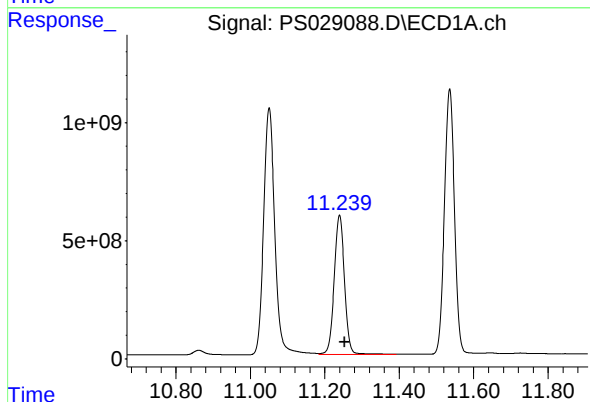
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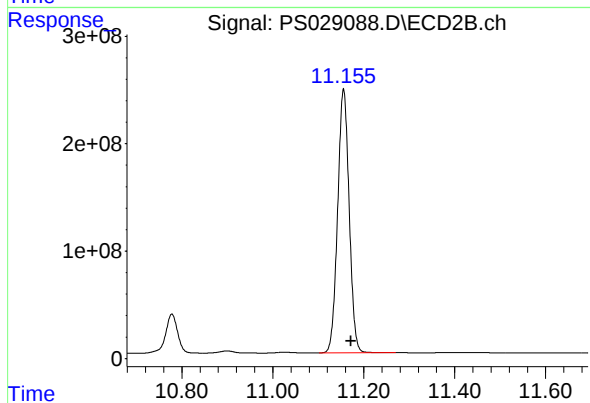
#13 2,4-DB

R.T.: 10.778 min
Delta R.T.: -0.016 min
Response: 656553690
Conc: 660.14 ng/ml



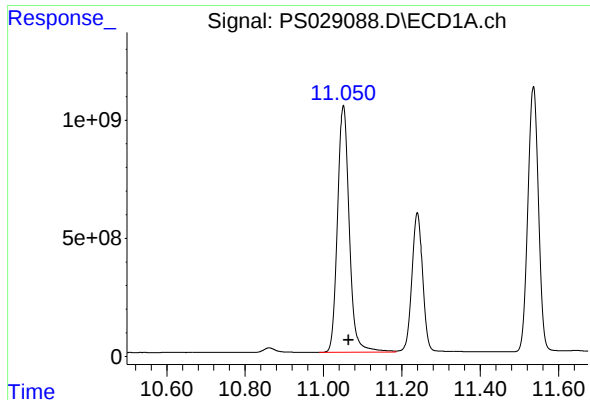
#14 DINOSEB

R.T.: 11.240 min
Delta R.T.: -0.014 min
Response: 11353982629
Conc: 704.46 ng/ml



#14 DINOSEB

R.T.: 11.156 min
Delta R.T.: -0.016 min
Response: 4310824195
Conc: 678.91 ng/ml



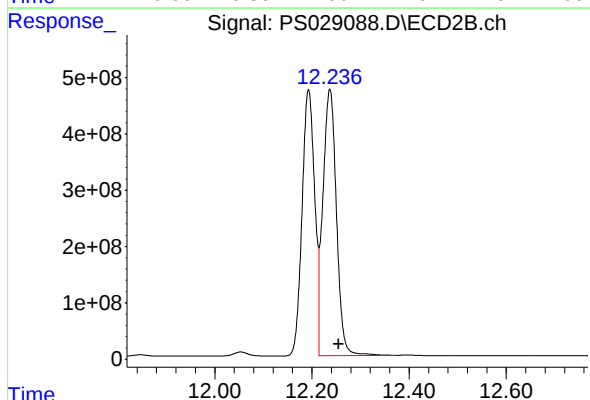
#15 Picloram

R.T.: 11.050 min
Delta R.T.: -0.013 min
Response: 21775839456
Conc: 702.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

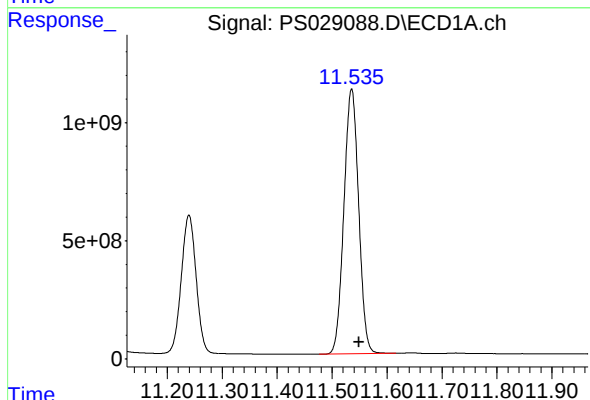
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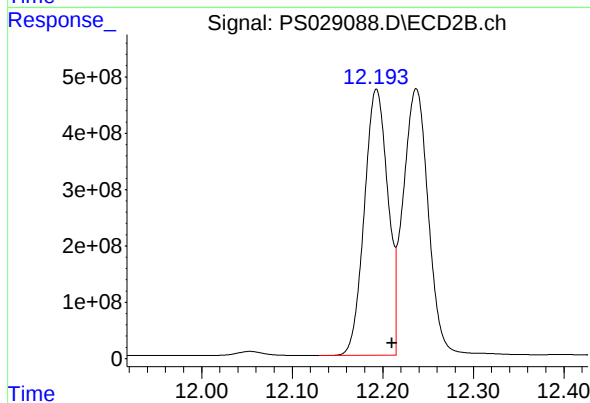
#15 Picloram

R.T.: 12.237 min
Delta R.T.: -0.018 min
Response: 9158944240
Conc: 680.48 ng/ml



#16 DCPA

R.T.: 11.536 min
Delta R.T.: -0.014 min
Response: 20881549566
Conc: 748.68 ng/ml



#16 DCPA

R.T.: 12.193 min
Delta R.T.: -0.017 min
Response: 8524276891
Conc: 756.45 ng/ml