

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS082925\
 Data File : PS031579.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Aug 2025 21:32
 Operator : AR\AJ
 Sample : Q2971-31
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP4

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/02/2025
 Supervised By :mohammad ahmed 09/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 01 04:19:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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	7.286	7.742	1459.4E6	429.0E6	459.814	507.455
Target Compounds							
1) T	Dalapon	2.663	2.664f	274.6E6	946.0E6	52.325m	355.517 #
2) T	3,5-DICHL...	6.455	6.700	423.2E6	114.0E6	89.684	84.314m
3) T	4-Nitroph...	7.103	7.317f	84736314	82216854	82.134	65.413m
5) T	DICAMBA	7.471	7.939	1206.5E6	445.6E6	86.387	78.412m
6) T	MCPD	7.645	8.031	31060499	6894023	3.861	3.900
7) T	MCPA	7.794	8.279	63236466	8211417	6.348	2.927 #
8) T	DICHLORPROP	8.180	8.661	351.1E6	120.3E6	110.687	90.109
9) T	2,4-D	8.421	9.013	304.8E6	154.8E6	105.945	108.478
10) T	Pentachlo...	8.709	9.509	4789.9E6	3136.8E6	99.764	90.065
11) T	2,4,5-TP ...	9.288	9.893	1973.6E6	1435.6E6	110.111	109.452
12) T	2,4,5-T	9.586	10.330	1248.7E6	962.5E6	85.227m	81.293m
13) T	2,4-DB	10.165	10.902	164.1E6	93306583	85.405m	96.706
14) T	DINOSEB	11.358	11.268	1193.3E6	715.2E6	94.122	75.630
15) T	Picloram	11.203	12.409	806.4E6	874.0E6	61.775	49.858
16) T	DCPA	11.652	12.308	1702.0E6	2008.8E6	74.715m	101.966m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS082925\
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Acq On : 29 Aug 2025 21:32
Operator : AR\AJ
Sample : Q2971-31
Misc :
ALS Vial : 22 Sample Multiplier: 1

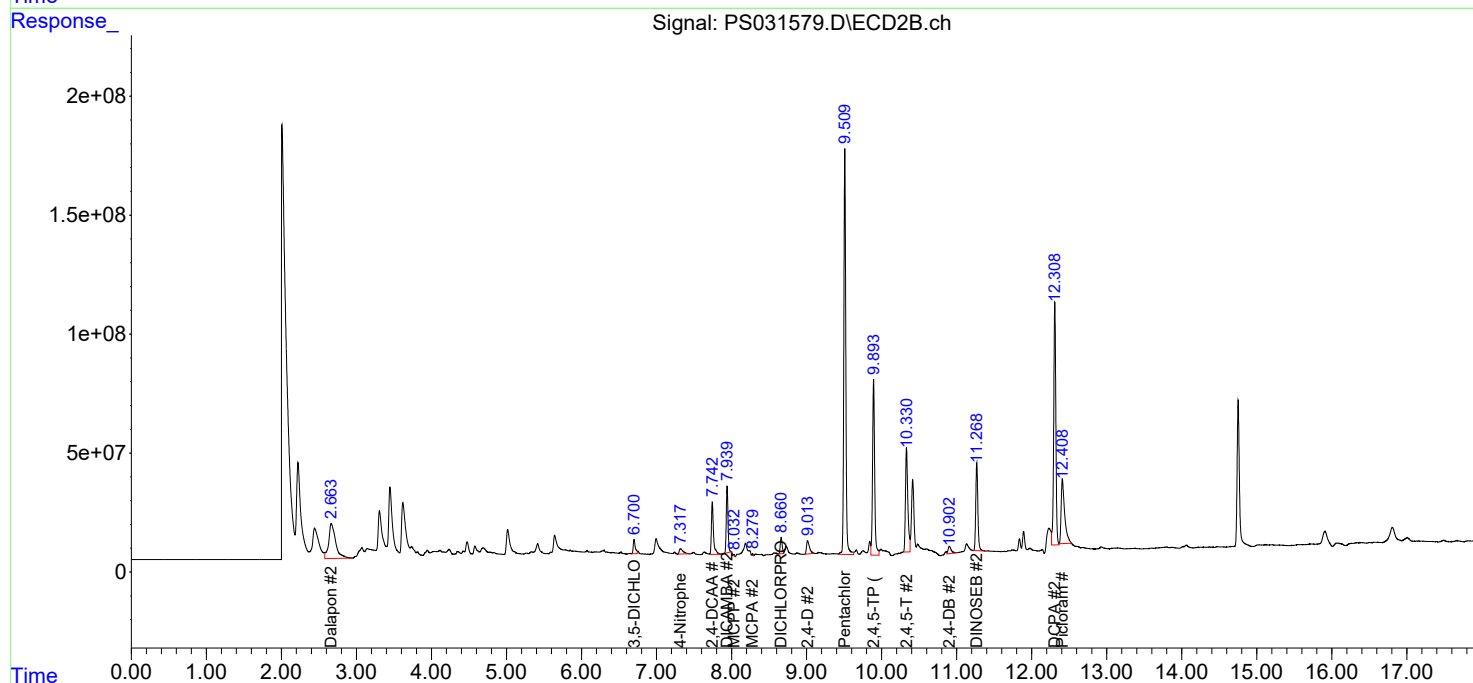
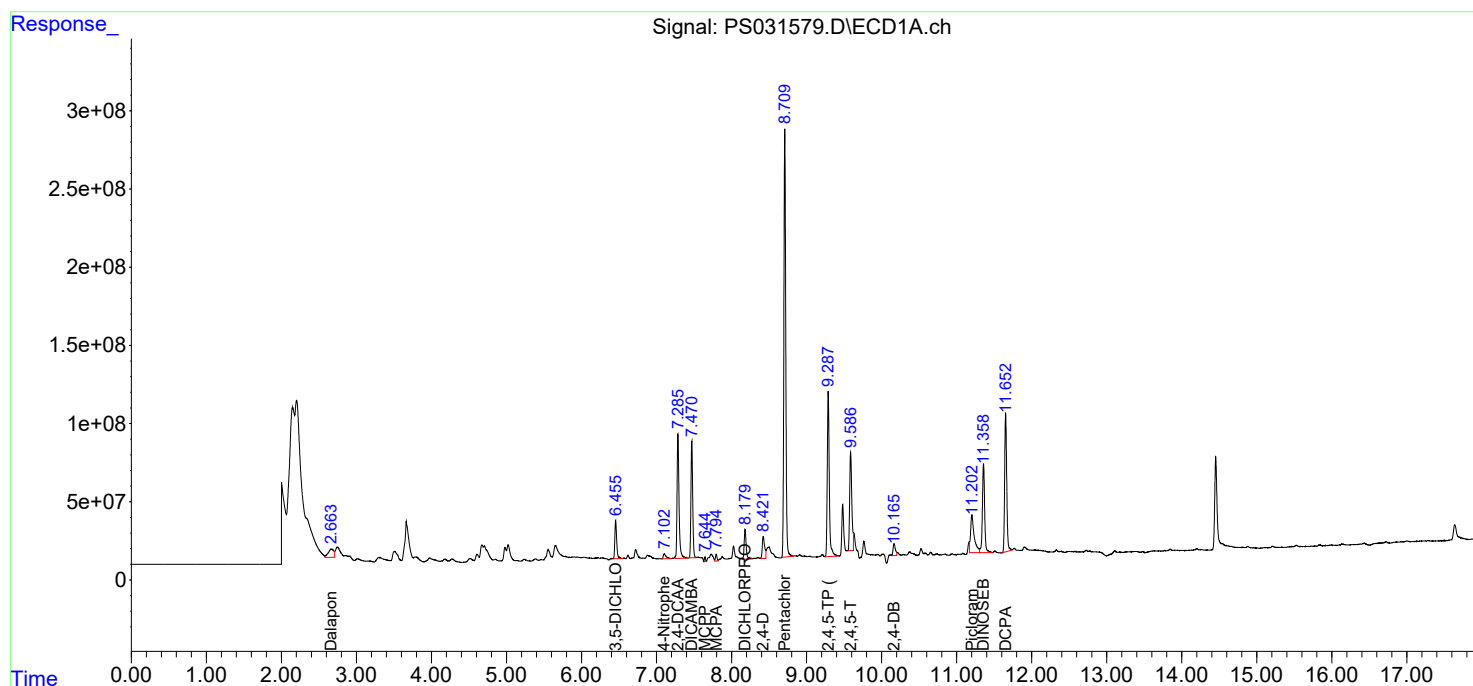
Instrument :
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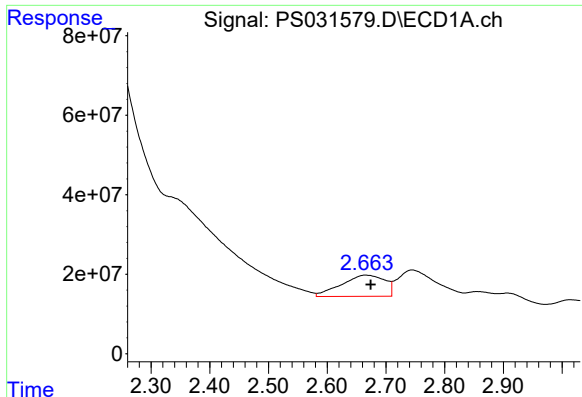
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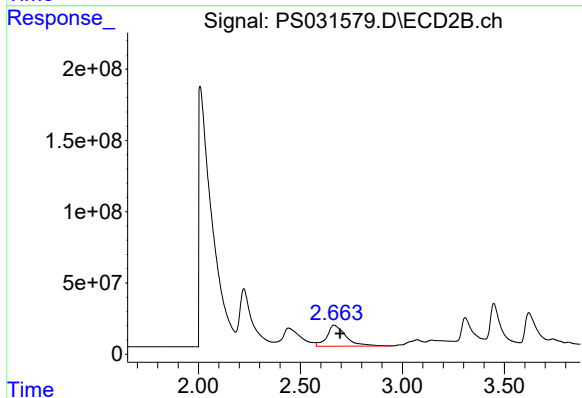
#1 Dalapon

R.T.: 2.663 min
Delta R.T.: -0.011 min
Response: 274648386
Conc: 52.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP4

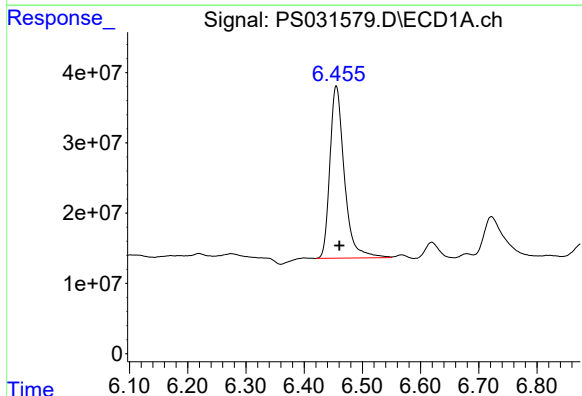
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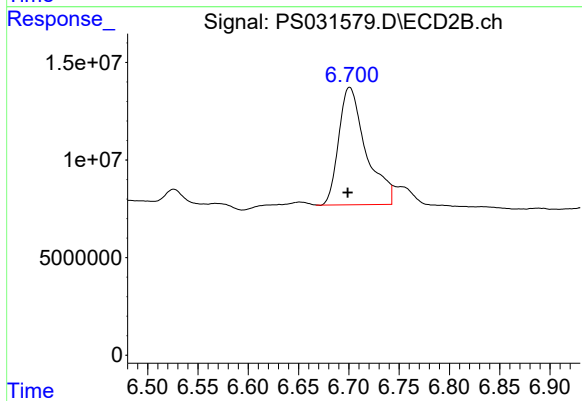
#1 Dalapon

R.T.: 2.664 min
Delta R.T.: -0.031 min
Response: 946035413
Conc: 355.52 ng/ml



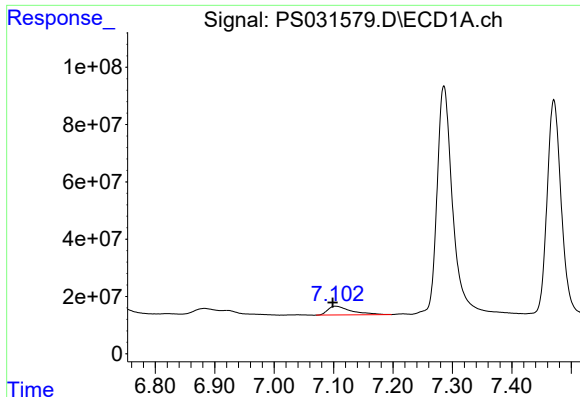
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.455 min
Delta R.T.: -0.005 min
Response: 423157112
Conc: 89.68 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.700 min
Delta R.T.: 0.002 min
Response: 113986685
Conc: 84.31 ng/ml m



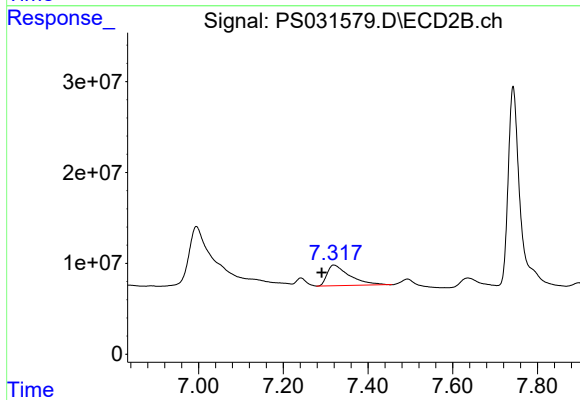
#3 4-Nitrophenol

R.T.: 7.103 min
Delta R.T.: 0.005 min
Response: 84736314
Conc: 82.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP4

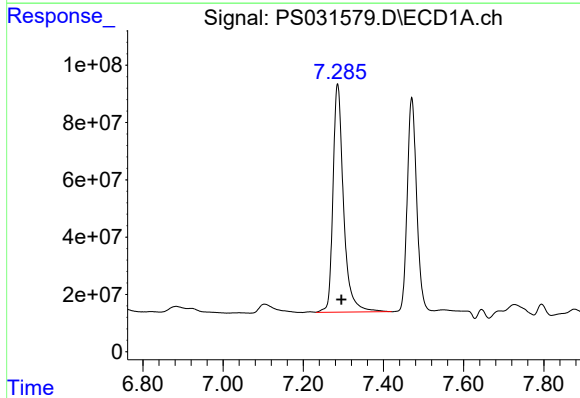
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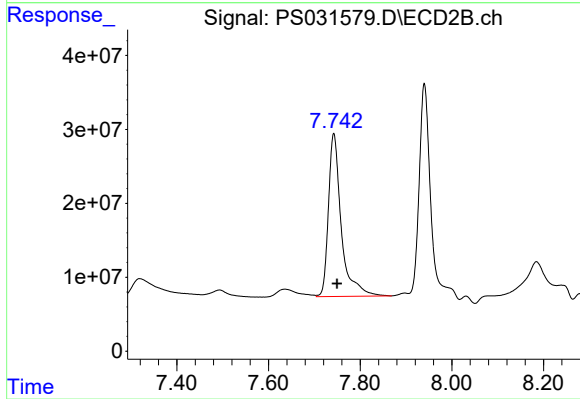
#3 4-Nitrophenol

R.T.: 7.317 min
Delta R.T.: 0.026 min
Response: 82216854
Conc: 65.41 ng/ml m



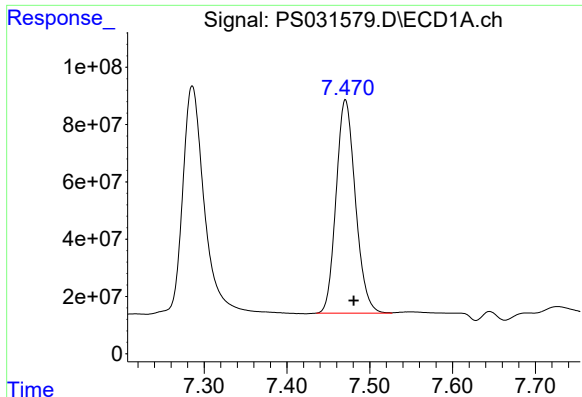
#4 2,4-DCAA

R.T.: 7.286 min
Delta R.T.: -0.009 min
Response: 1459445472
Conc: 459.81 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: -0.007 min
Response: 428971505
Conc: 507.45 ng/ml



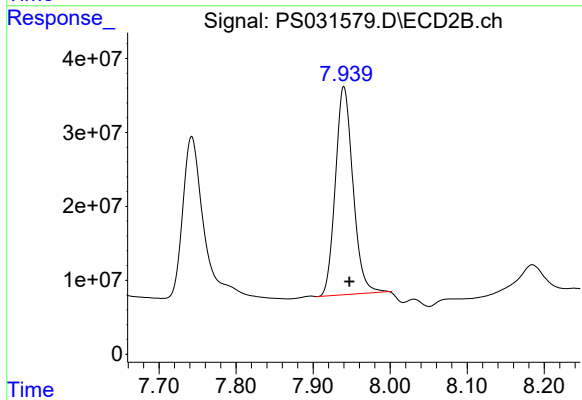
#5 DICAMBA

R.T.: 7.471 min
Delta R.T.: -0.010 min
Response: 1206515611
Conc: 86.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP4

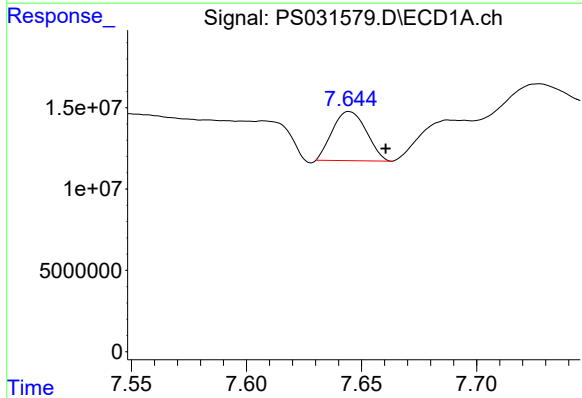
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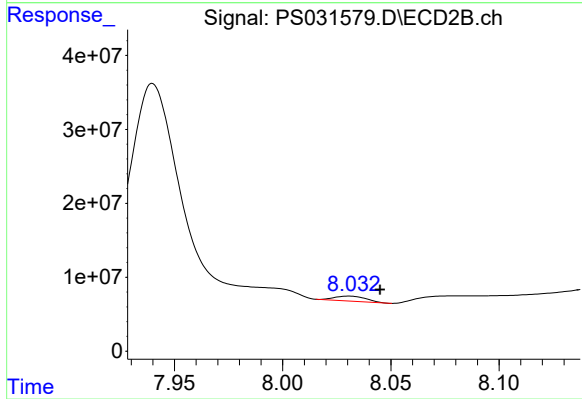
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: -0.008 min
Response: 445591595
Conc: 78.41 ng/ml m



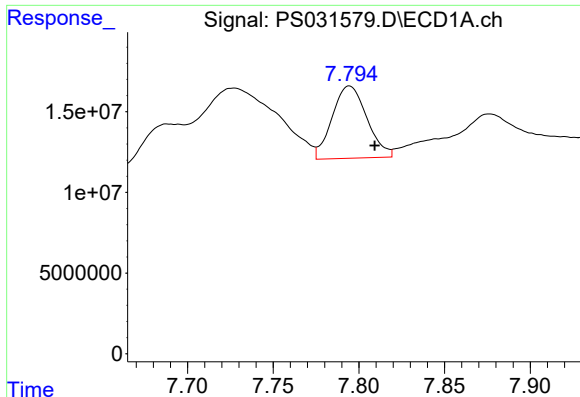
#6 MCPP

R.T.: 7.645 min
Delta R.T.: -0.016 min
Response: 31060499
Conc: 3.86 ug/ml



#6 MCPP

R.T.: 8.031 min
Delta R.T.: -0.014 min
Response: 6894023
Conc: 3.90 ug/ml



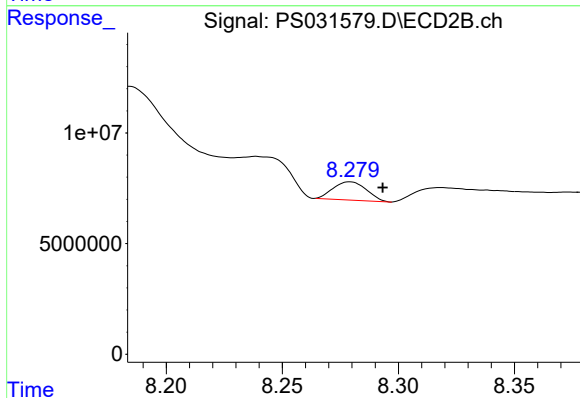
#7 MCPA

R.T.: 7.794 min
Delta R.T.: -0.015 min
Response: 63236466
Conc: 6.35 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP4

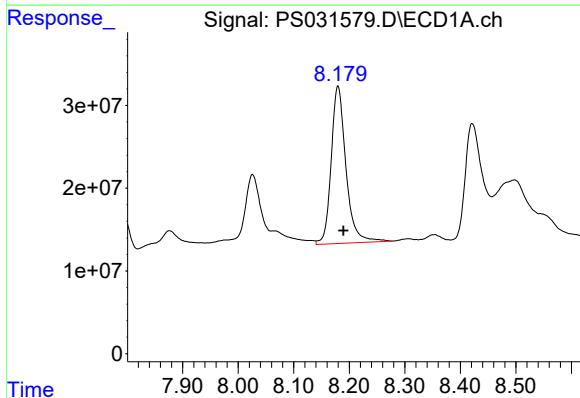
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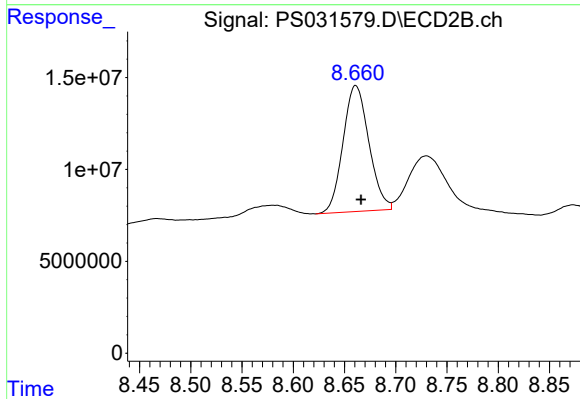
#7 MCPA

R.T.: 8.279 min
Delta R.T.: -0.014 min
Response: 8211417
Conc: 2.93 ug/ml



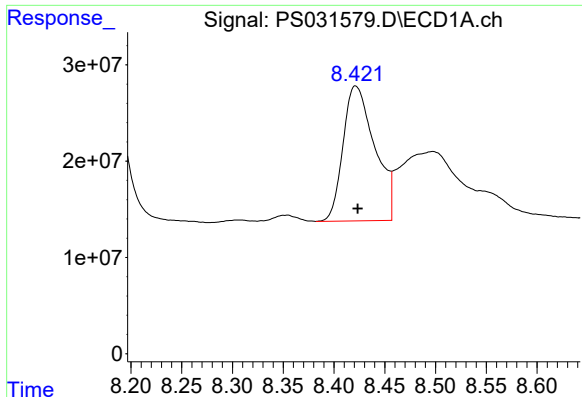
#8 DICHLORPROP

R.T.: 8.180 min
Delta R.T.: -0.010 min
Response: 351148299
Conc: 110.69 ng/ml



#8 DICHLORPROP

R.T.: 8.661 min
Delta R.T.: -0.005 min
Response: 120297993
Conc: 90.11 ng/ml



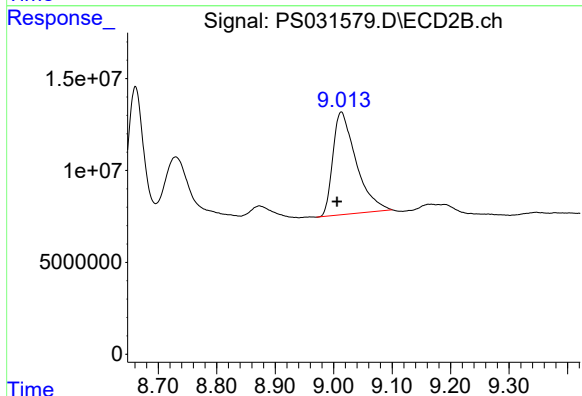
#9 2,4-D

R.T.: 8.421 min
Delta R.T.: -0.002 min
Response: 304784847
Conc: 105.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP4

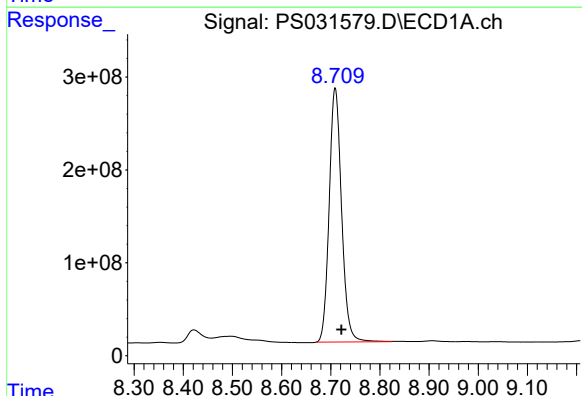
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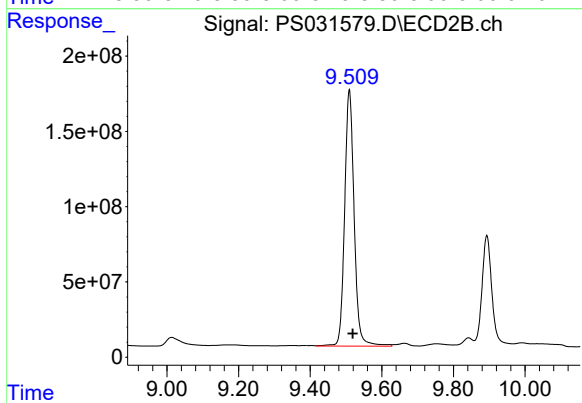
#9 2,4-D

R.T.: 9.013 min
Delta R.T.: 0.007 min
Response: 154828735
Conc: 108.48 ng/ml



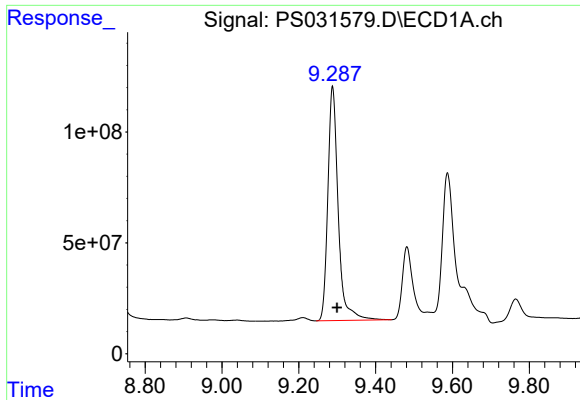
#10 Pentachlorophenol

R.T.: 8.709 min
Delta R.T.: -0.013 min
Response: 4789895113
Conc: 99.76 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: -0.009 min
Response: 3136825111
Conc: 90.07 ng/ml



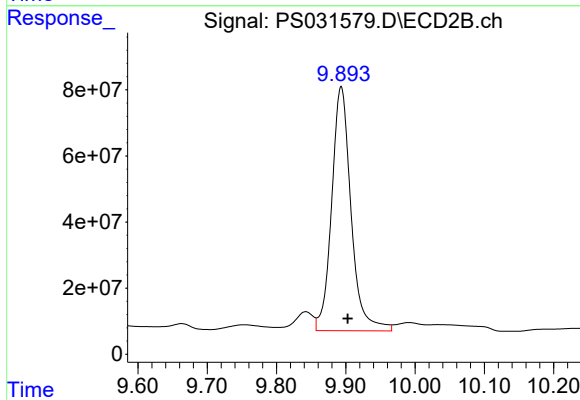
#11 2,4,5-TP (SILVEX)

R.T.: 9.288 min
Delta R.T.: -0.012 min
Response: 1973589485
Conc: 110.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP4

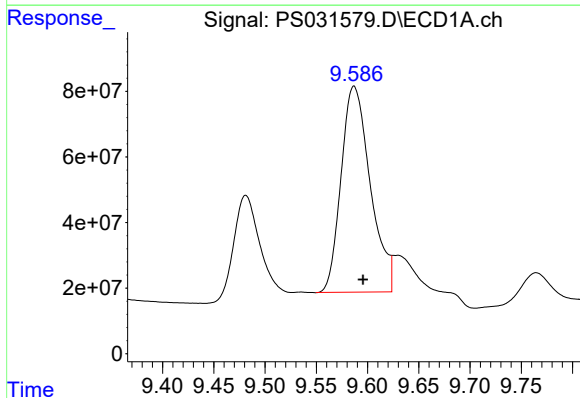
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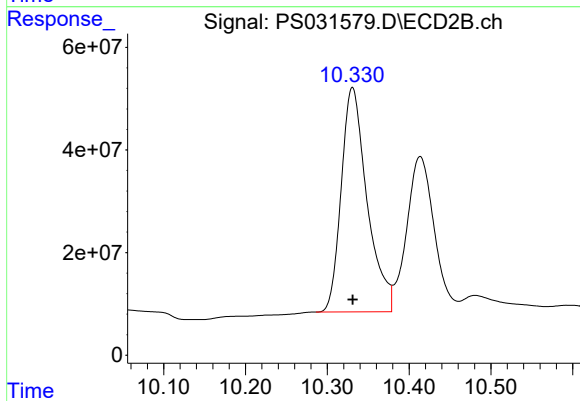
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: -0.010 min
Response: 1435573849
Conc: 109.45 ng/ml



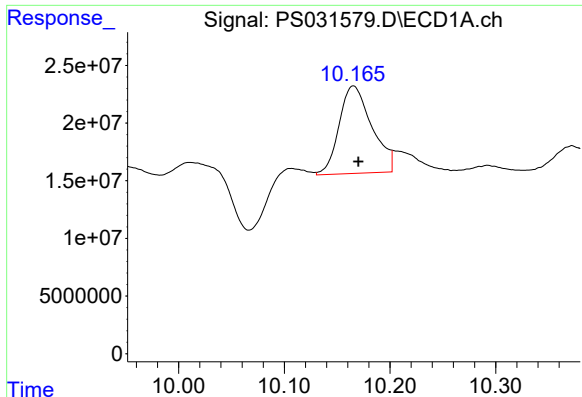
#12 2,4,5-T

R.T.: 9.586 min
Delta R.T.: -0.009 min
Response: 1248687035
Conc: 85.23 ng/ml m



#12 2,4,5-T

R.T.: 10.330 min
Delta R.T.: 0.000 min
Response: 962493680
Conc: 81.29 ng/ml m



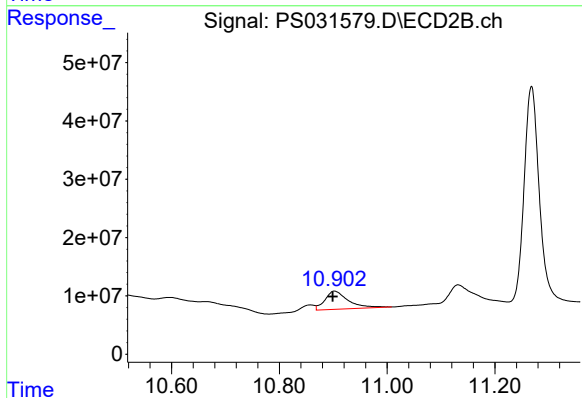
#13 2,4-DB

R.T.: 10.165 min
Delta R.T.: -0.005 min
Response: 164124325
Conc: 85.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP4

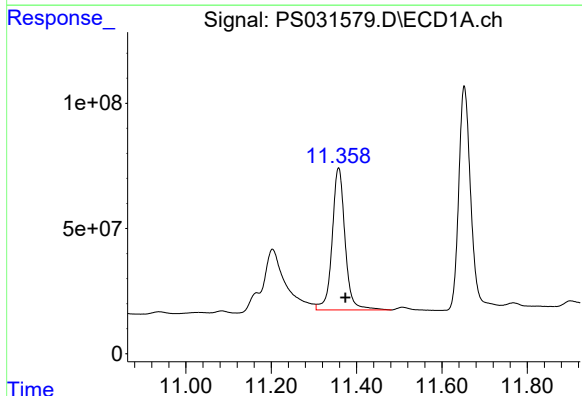
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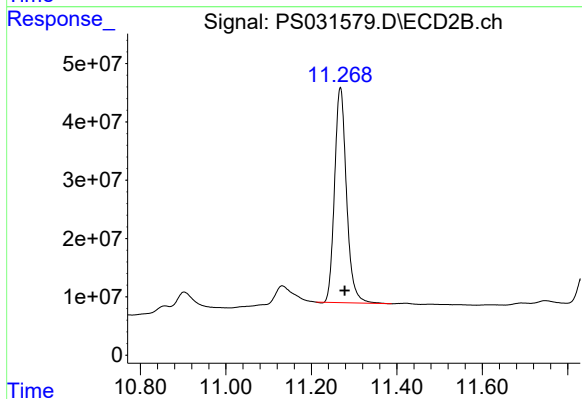
#13 2,4-DB

R.T.: 10.902 min
Delta R.T.: 0.003 min
Response: 93306583
Conc: 96.71 ng/ml



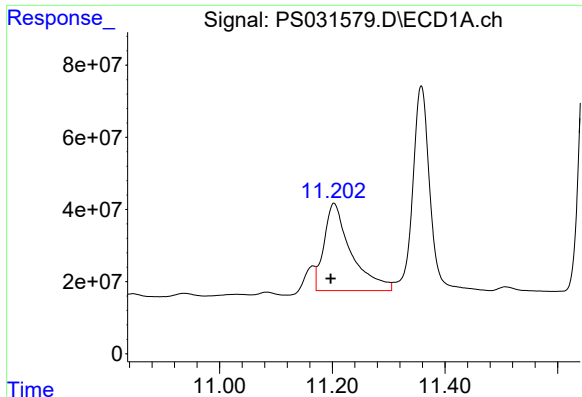
#14 DINOSEB

R.T.: 11.358 min
Delta R.T.: -0.015 min
Response: 1193329402
Conc: 94.12 ng/ml



#14 DINOSEB

R.T.: 11.268 min
Delta R.T.: -0.011 min
Response: 715227829
Conc: 75.63 ng/ml



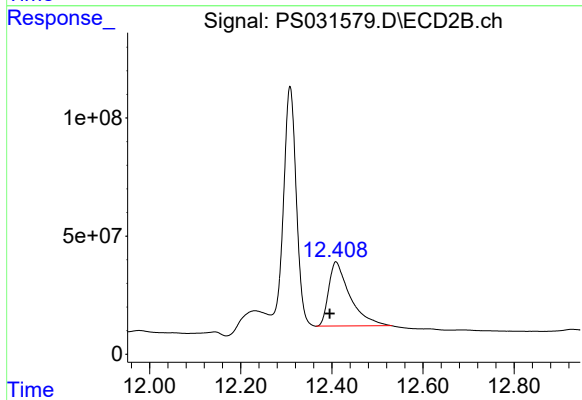
#15 Picloram

R.T.: 11.203 min
Delta R.T.: 0.006 min
Response: 806414285
Conc: 61.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP4

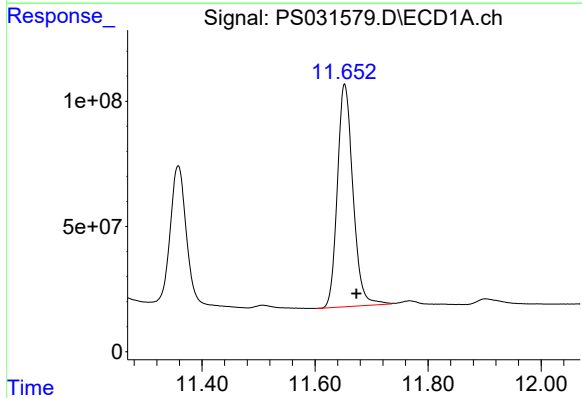
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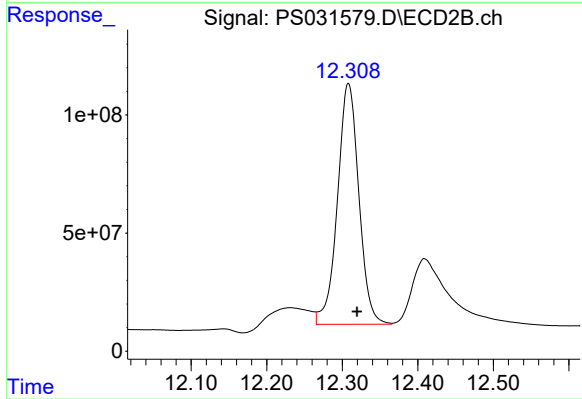
#15 Picloram

R.T.: 12.409 min
Delta R.T.: 0.014 min
Response: 873996453
Conc: 49.86 ng/ml



#16 DCPA

R.T.: 11.652 min
Delta R.T.: -0.021 min
Response: 1701953762
Conc: 74.71 ng/ml m



#16 DCPA

R.T.: 12.308 min
Delta R.T.: -0.012 min
Response: 2008767665
Conc: 101.97 ng/ml m