

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS120425\
 Data File : PS032610.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Dec 2025 12:48
 Operator : AR\AJ
 Sample : Q3732-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HD-01-11-26-2025MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/05/2025
 Supervised By :mohammad ahmed 12/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 05 00:40:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS120325.M
 Quant Title : 8080.M
 QLast Update : Wed Dec 03 13:46:29 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	7.010	7.379	959.8E6	1008.4E6	173.763m	188.096
Target Compounds							
1) T	Dalapon	2.473	2.445	883.4E6	2631.9E6	104.331m	360.591m#
2) T	3,5-DICHL...	6.205	6.372	120.8E6	110.2E6	16.281m	18.036
5) T	DICAMBA	7.186	7.577	253.1E6	168.3E6	11.390m	8.482m#
6) T	MCP	7.359	7.671	99860179	68989530	7.919m	5.147m#
7) T	MCPA	7.507	7.915	71662875	56491667	4.432	3.402
8) T	DICHLORPROP	7.880	8.277	784.1E6	774.2E6	145.482m	155.840m
9) T	2,4-D	8.116	8.614	898.9E6	897.7E6	147.223m	159.843
10) T	Pentachlo...	8.383	9.083	184.7E6	256.9E6	2.519	4.205 #
11) T	2,4,5-TP ...	8.959	9.482	5606.8E6	4994.6E6	167.797m	174.099m
12) T	2,4,5-T	9.255	9.909	5014.7E6	4124.0E6	119.277m	147.677m
13) T	2,4-DB	9.820	10.467	585.8E6	716.7E6	187.798m	175.945m
14) T	DINOSEB	10.987	10.852	124.8E6	95861847	4.524m	5.301m
15) T	Picloram	10.853	11.975	1130.4E6	1119.6E6	28.731m	31.102m
16) T	DCPA	11.275	11.859	350.9E6	430.7E6	8.757m	12.658m#

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

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Acq On : 04 Dec 2025 12:48
Operator : AR\AJ
Sample : Q3732-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

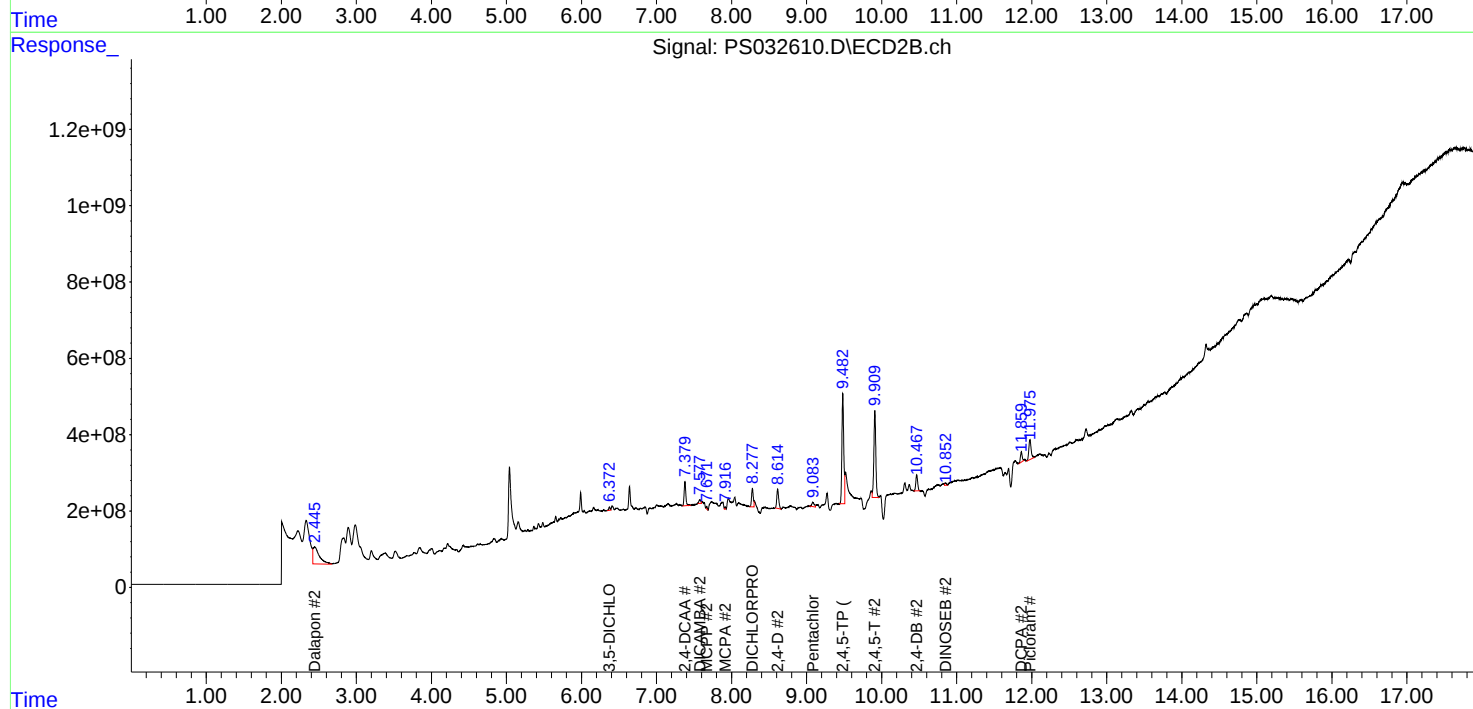
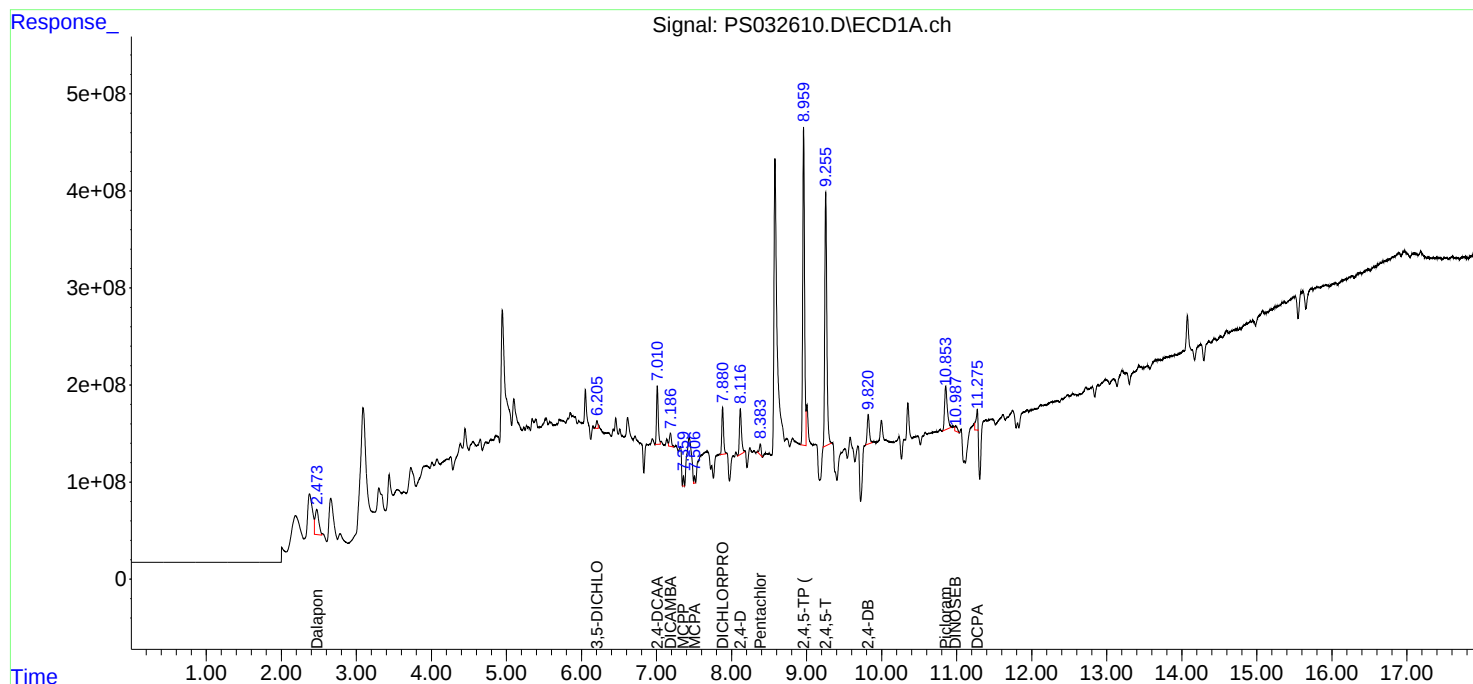
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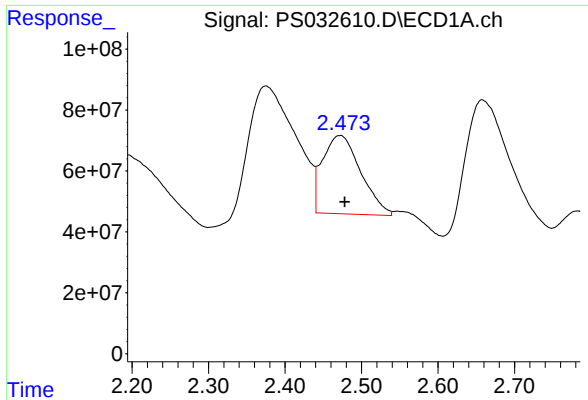
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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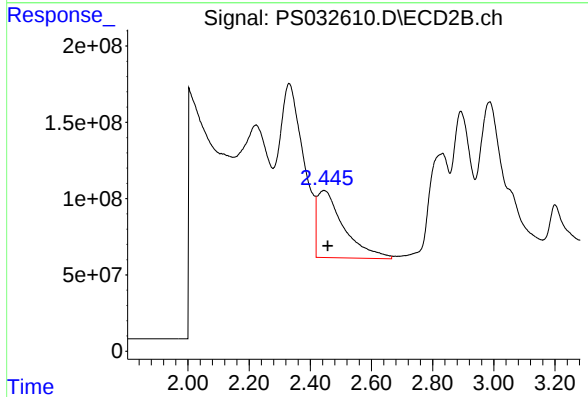
#1 Dalapon

R.T.: 2.473 min
Delta R.T.: -0.005 min
Response: 883441469
Conc: 104.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
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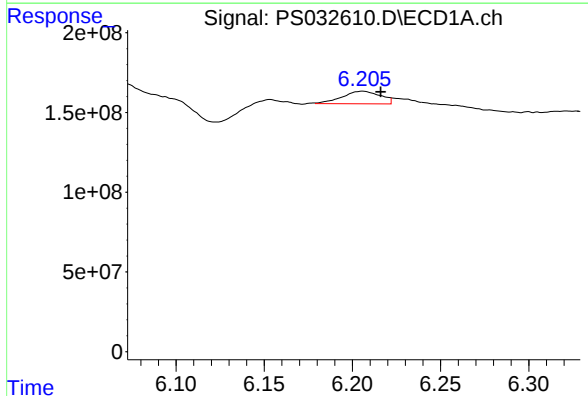
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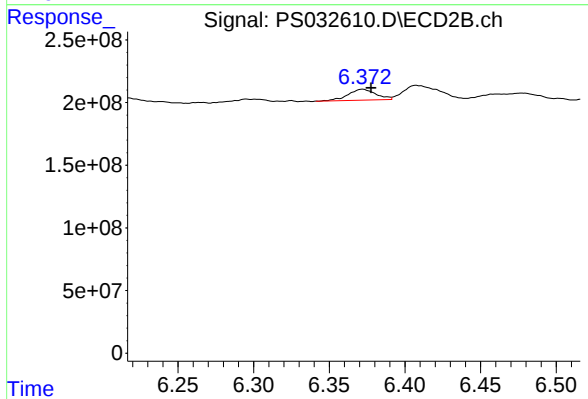
#1 Dalapon

R.T.: 2.445 min
Delta R.T.: -0.012 min
Response: 2631930484
Conc: 360.59 ng/ml m



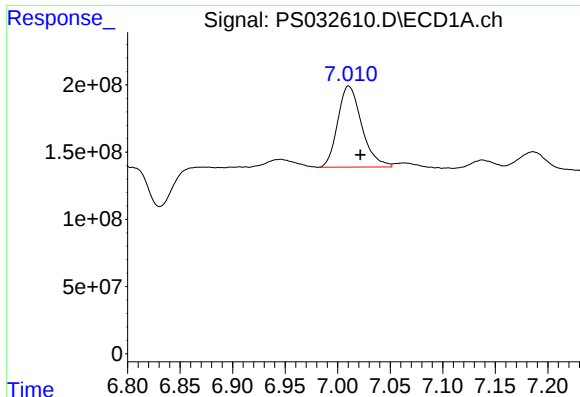
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.205 min
Delta R.T.: -0.011 min
Response: 120758203
Conc: 16.28 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.372 min
Delta R.T.: -0.006 min
Response: 110175394
Conc: 18.04 ng/ml



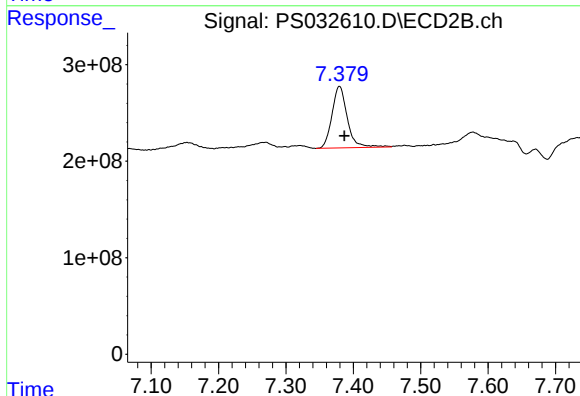
#4 2,4-DCAA

R.T.: 7.010 min
Delta R.T.: -0.012 min
Response: 959804039
Conc: 173.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
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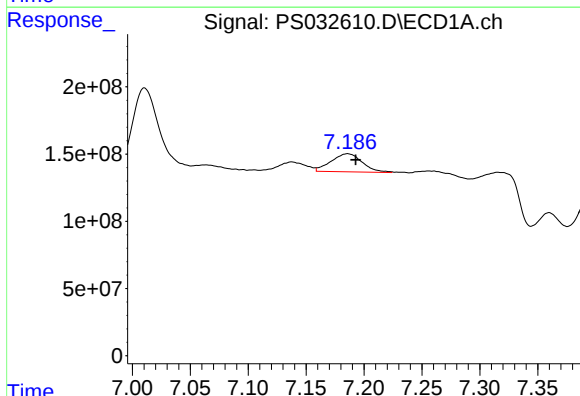
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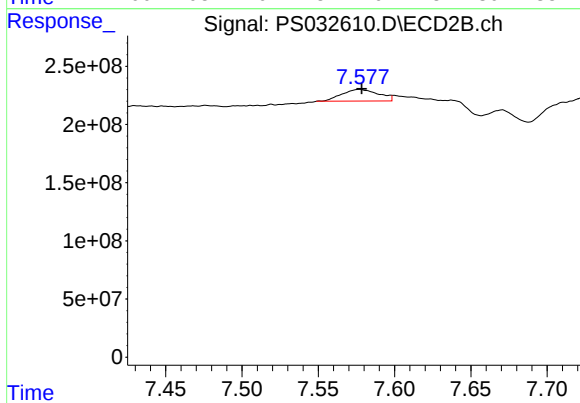
#4 2,4-DCAA

R.T.: 7.379 min
Delta R.T.: -0.007 min
Response: 1008424894
Conc: 188.10 ng/ml



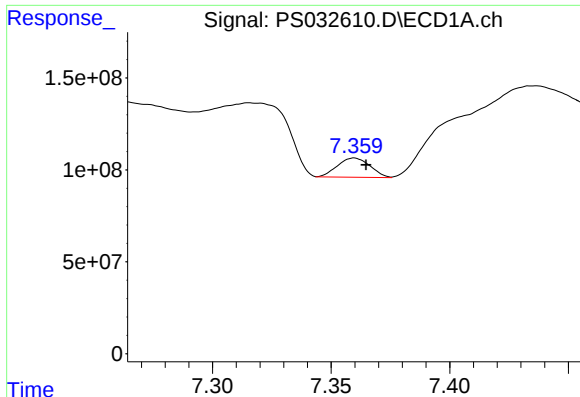
#5 DICAMBA

R.T.: 7.186 min
Delta R.T.: -0.007 min
Response: 253069506
Conc: 11.39 ng/ml m



#5 DICAMBA

R.T.: 7.577 min
Delta R.T.: -0.001 min
Response: 168290810
Conc: 8.48 ng/ml m



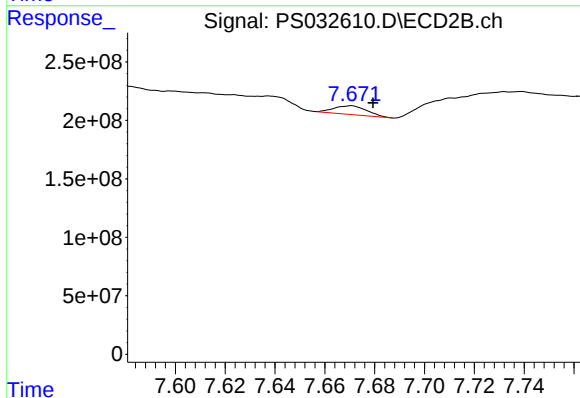
#6 MCPP

R.T.: 7.359 min
Delta R.T.: -0.005 min
Response: 99860179
Conc: 7.92 ug/ml

Instrument :
ECD_S
ClientSampleId :
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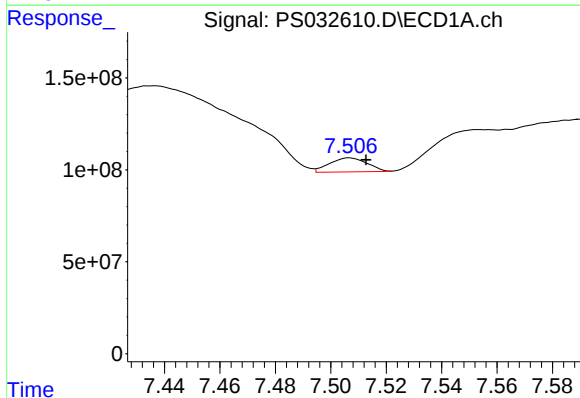
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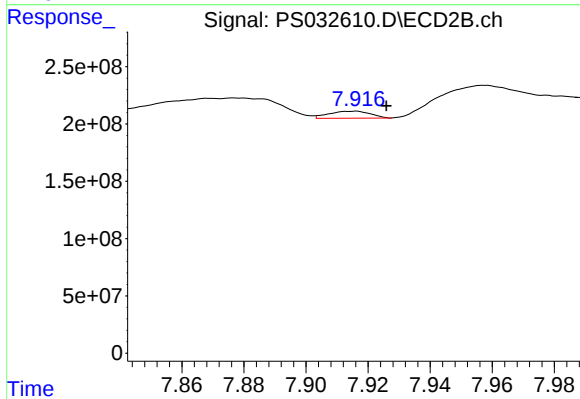
#6 MCPP

R.T.: 7.671 min
Delta R.T.: -0.008 min
Response: 68989530
Conc: 5.15 ug/ml m



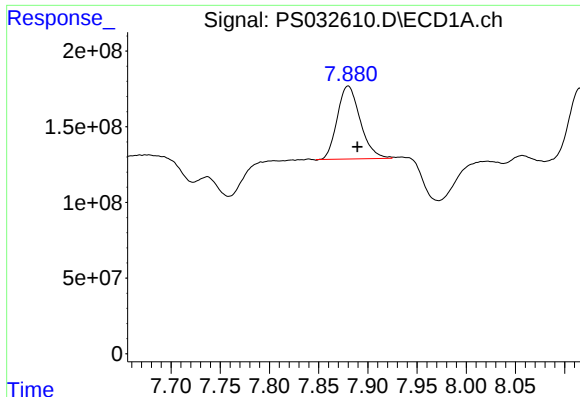
#7 MCPA

R.T.: 7.507 min
Delta R.T.: -0.006 min
Response: 71662875
Conc: 4.43 ug/ml



#7 MCPA

R.T.: 7.915 min
Delta R.T.: -0.011 min
Response: 56491667
Conc: 3.40 ug/ml



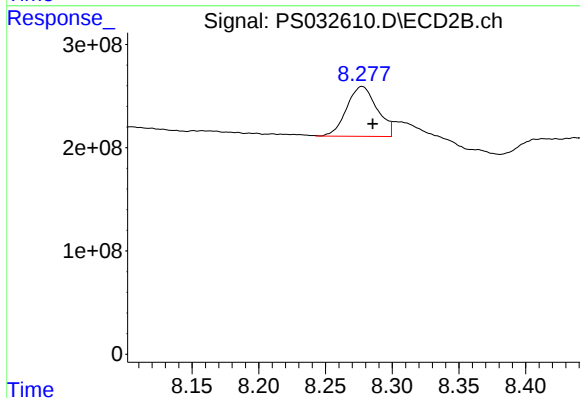
#8 DICHLORPROP

R.T.: 7.880 min
Delta R.T.: -0.010 min
Response: 784109142
Conc: 145.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
HD-01-11-26-2025MSD

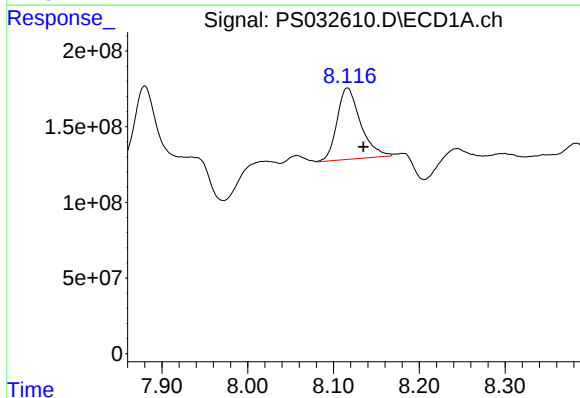
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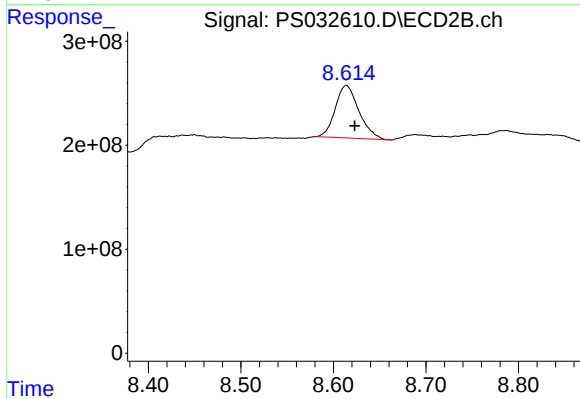
#8 DICHLORPROP

R.T.: 8.277 min
Delta R.T.: -0.009 min
Response: 774187241
Conc: 155.84 ng/ml m



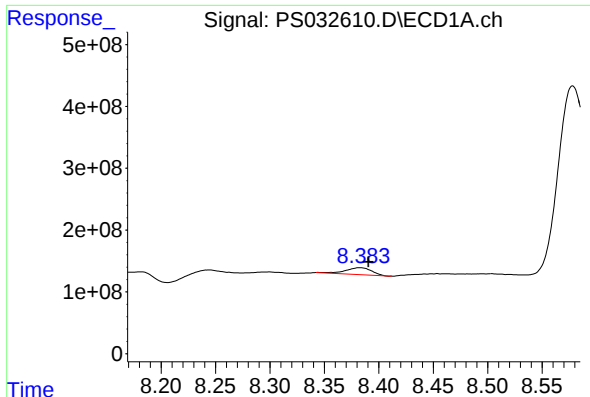
#9 2,4-D

R.T.: 8.116 min
Delta R.T.: -0.019 min
Response: 898895578
Conc: 147.22 ng/ml m



#9 2,4-D

R.T.: 8.614 min
Delta R.T.: -0.009 min
Response: 897744930
Conc: 159.84 ng/ml



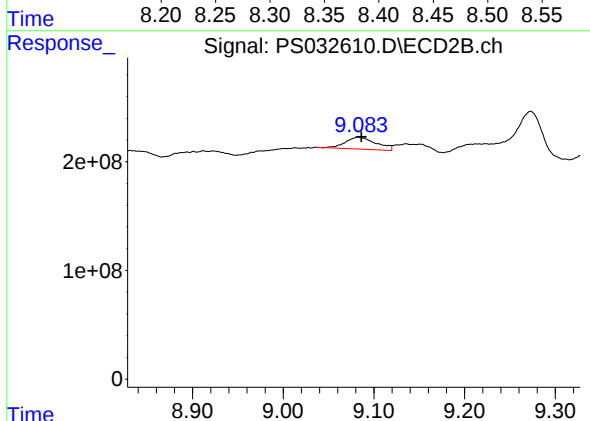
#10 Pentachlorophenol

R.T.: 8.383 min
Delta R.T.: -0.008 min
Response: 184676750
Conc: 2.52 ng/ml

Instrument :
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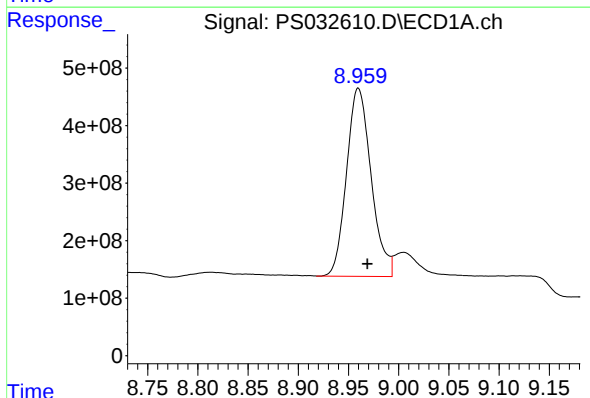
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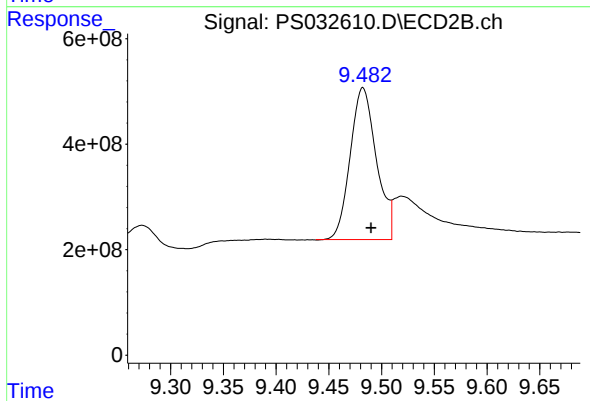
#10 Pentachlorophenol

R.T.: 9.083 min
Delta R.T.: -0.003 min
Response: 256902671
Conc: 4.20 ng/ml



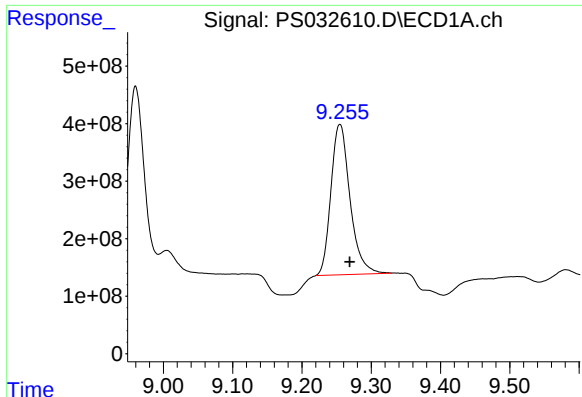
#11 2,4,5-TP (SILVEX)

R.T.: 8.959 min
Delta R.T.: -0.010 min
Response: 5606846791
Conc: 167.80 ng/ml m



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

R.T.: 9.482 min
Delta R.T.: -0.008 min
Response: 4994647314
Conc: 174.10 ng/ml m



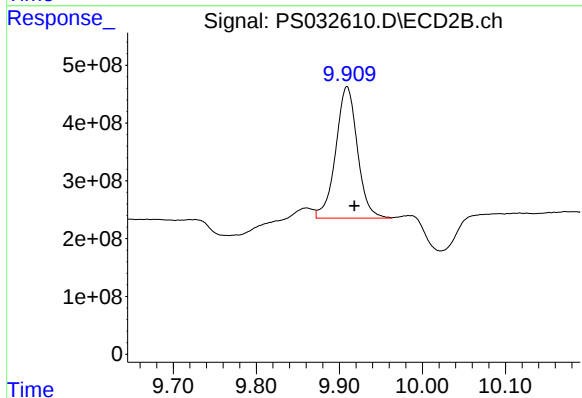
#12 2,4,5-T

R.T.: 9.255 min
Delta R.T.: -0.015 min
Response: 5014666780
Conc: 119.28 ng/ml

Instrument :
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ClientSampleId :
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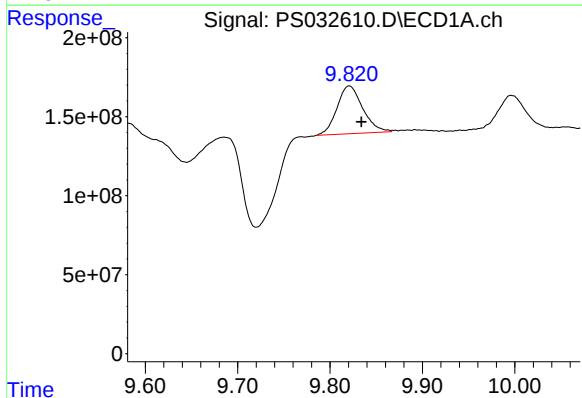
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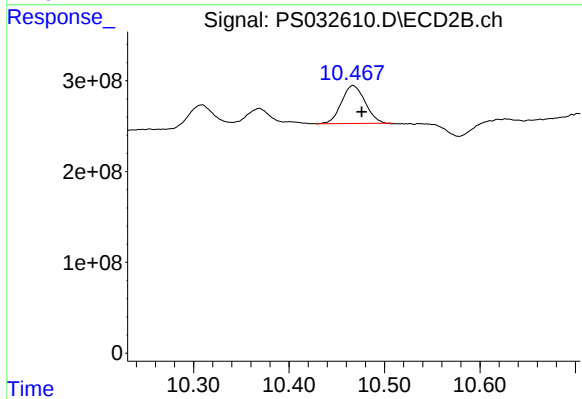
#12 2,4,5-T

R.T.: 9.909 min
Delta R.T.: -0.009 min
Response: 4124043448
Conc: 147.68 ng/ml m



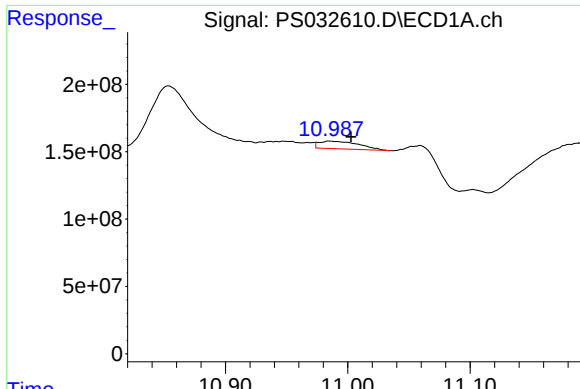
#13 2,4-DB

R.T.: 9.820 min
Delta R.T.: -0.014 min
Response: 585761926
Conc: 187.80 ng/ml m



#13 2,4-DB

R.T.: 10.467 min
Delta R.T.: -0.010 min
Response: 716722119
Conc: 175.95 ng/ml m



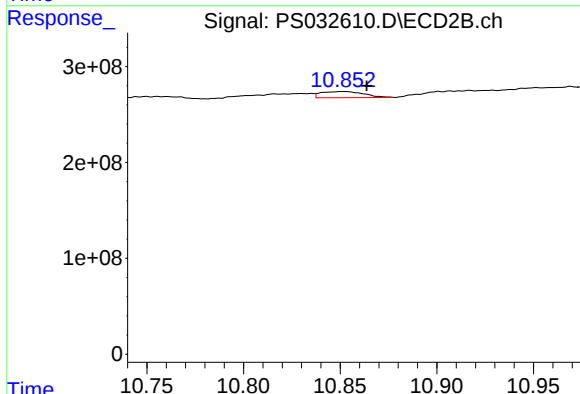
#14 DINOSEB

R.T.: 10.987 min
Delta R.T.: -0.016 min
Response: 124767627
Conc: 4.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
HD-01-11-26-2025MSD

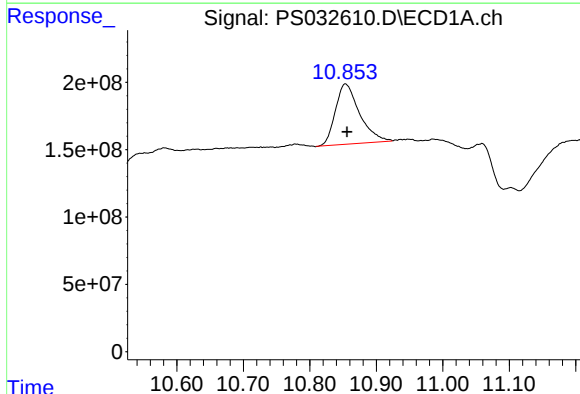
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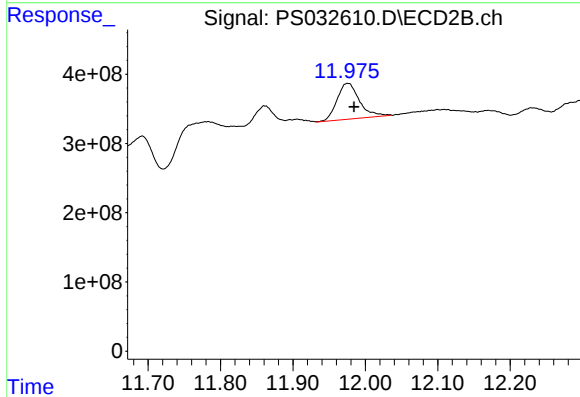
#14 DINOSEB

R.T.: 10.852 min
Delta R.T.: -0.012 min
Response: 95861847
Conc: 5.30 ng/ml m



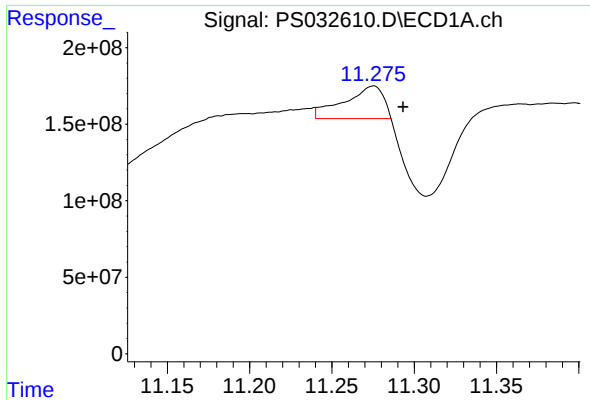
#15 Picloram

R.T.: 10.853 min
Delta R.T.: -0.003 min
Response: 1130408052
Conc: 28.73 ng/ml m



#15 Picloram

R.T.: 11.975 min
Delta R.T.: -0.010 min
Response: 1119553743
Conc: 31.10 ng/ml m



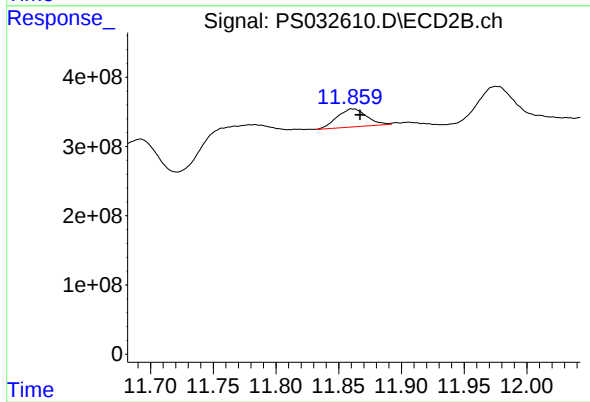
#16 DCPA

R.T.: 11.275 min
Delta R.T.: -0.018 min
Response: 350876327
Conc: 8.76 ng/ml

Instrument :
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#16 DCPA

R.T.: 11.859 min
Delta R.T.: -0.008 min
Response: 430661341
Conc: 12.66 ng/ml m