

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS120125\
 Data File : PS032562.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2025 14:02
 Operator : AR\AJ
 Sample : Q3714-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 OR-03-11-24-2025MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 01:04:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS110325.M
 Quant Title : 8080.M
 QLast Update : Tue Nov 04 04:59:50 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	7.273	7.614	449.3E6	293.8E6	99.146	80.582m
Target Compounds							
1) T	Dalapon	2.642	2.598	205.8E6	834.9E6	28.672m	120.056m#
2) T	3,5-DICHL...	6.440	6.580	798.6E6	744.4E6	123.503m	123.878
3) T	4-Nitroph...	7.094	7.162	474.3E6	115.4E6	353.337	50.827m#
5) T	DICAMBA	7.455	7.802	2289.0E6	1941.9E6	121.328	112.427
6) T	MCPD	7.627	7.897	215.9E6	130.8E6	19.821m	9.832 #
7) T	MCPA	7.779	8.141	111.7E6	172.2E6	8.323	10.560m#
8) T	DICHLORPROP	8.162	8.514	724.4E6	772.6E6	162.836	161.993
9) T	2,4-D	8.402	8.859	648.7E6	711.6E6	143.787	135.651
10) T	Pentachlo...	8.690	9.351	9761.7E6	8453.1E6	155.592	143.998
11) T	2,4,5-TP ...	9.265	9.736	3500.0E6	3542.0E6	134.557	131.900m
12) T	2,4,5-T	9.564	10.167	2910.9E6	2781.3E6	122.109	117.264m
13) T	2,4-DB	10.140	10.732	273.3E6	456.6E6	103.697m	121.074
14) T	DINOSEB	11.331	11.099	2257.1E6	2131.4E6	108.476m	120.504
15) T	Picloram	11.170	12.221	2030.0E6	2214.7E6	95.638m	59.564 #
16) T	DCPA	11.626	12.132	1672.6E6	2202.4E6	49.850	69.127m#

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

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Acq On : 01 Dec 2025 14:02
Operator : AR\AJ
Sample : Q3714-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

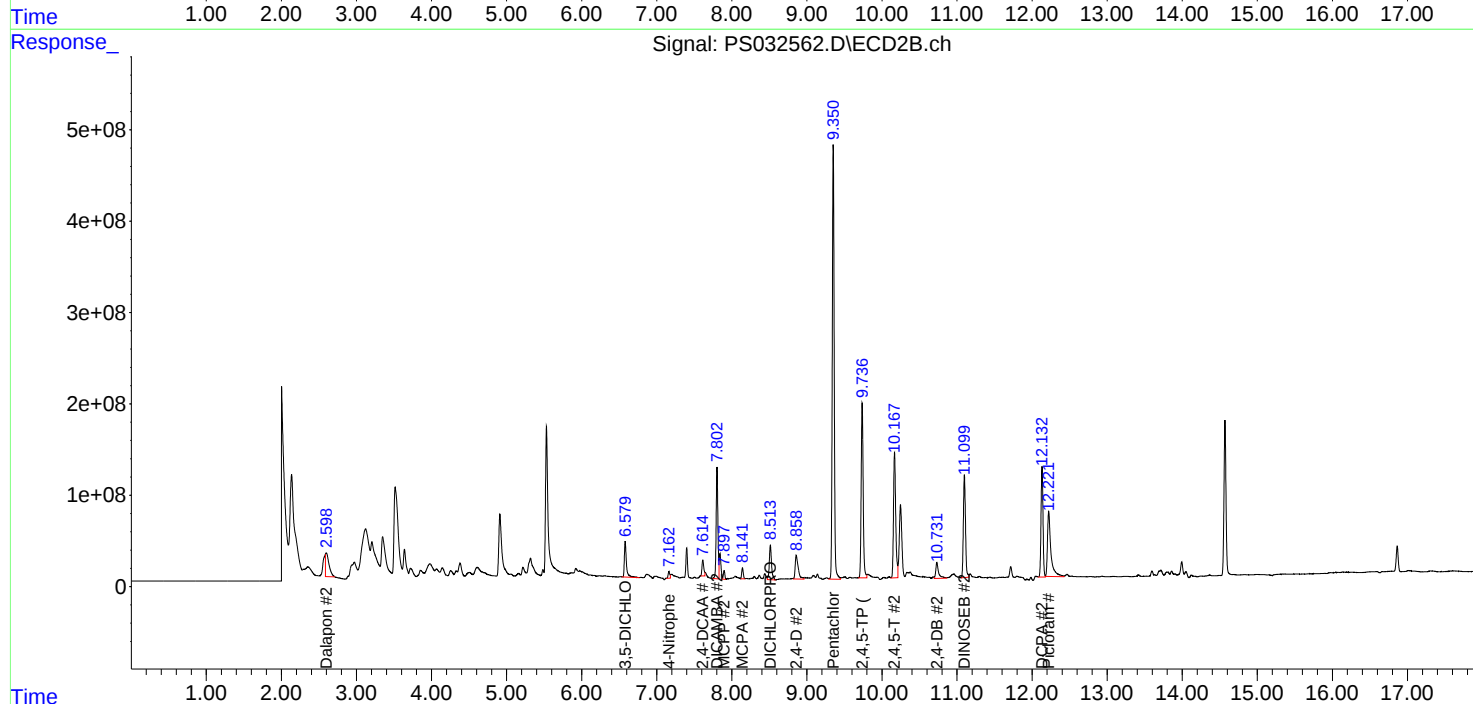
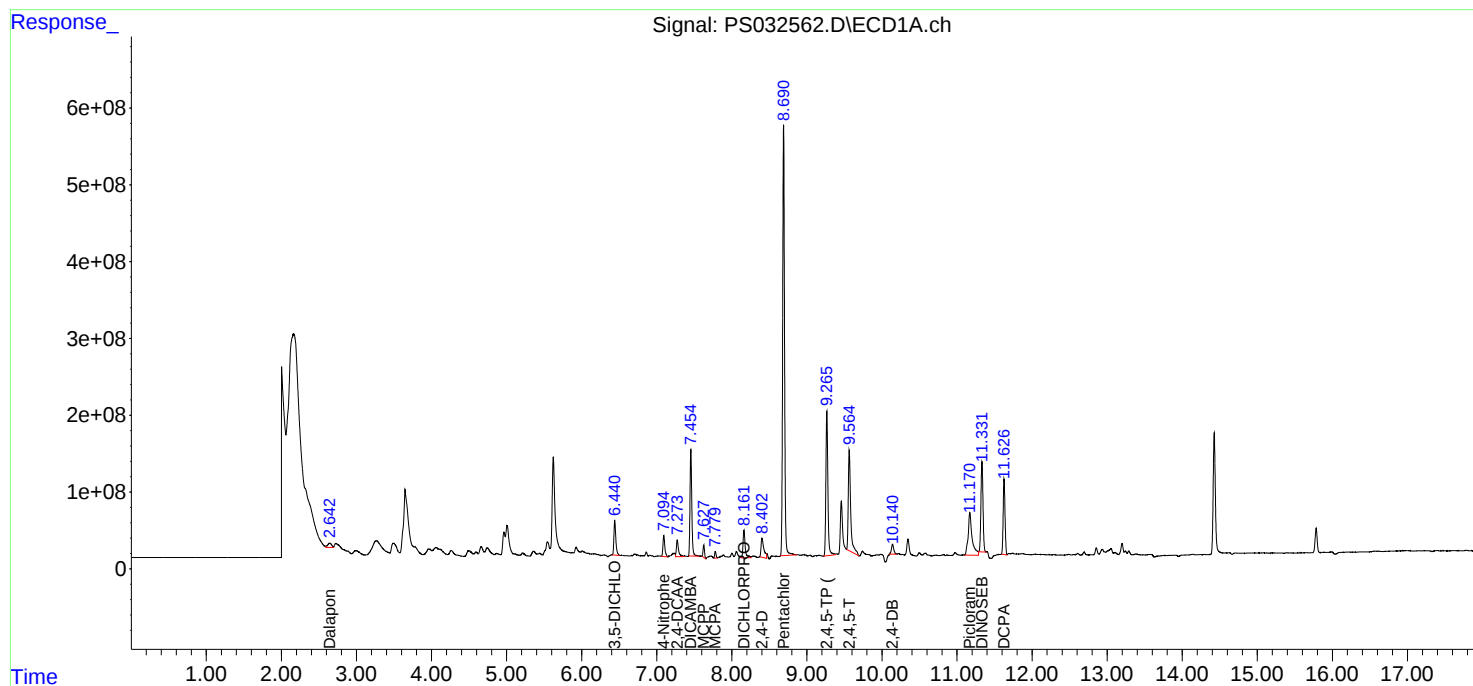
Instrument :
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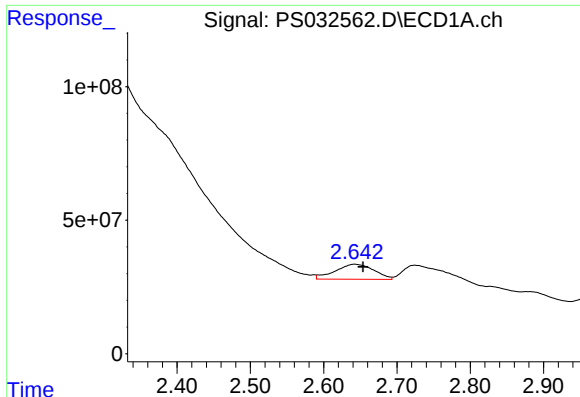
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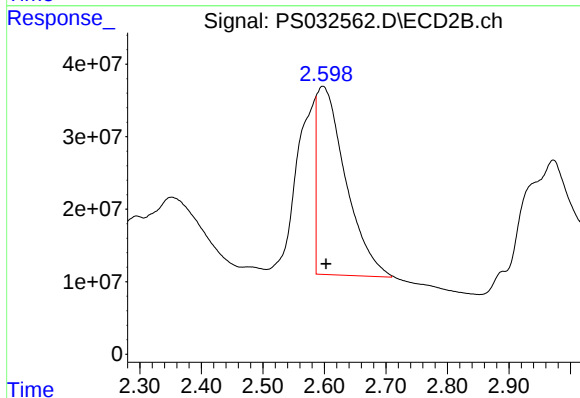
#1 Dalapon

R.T.: 2.642 min
Delta R.T.: -0.012 min
Response: 205831776
Conc: 28.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
OR-03-11-24-2025MSD

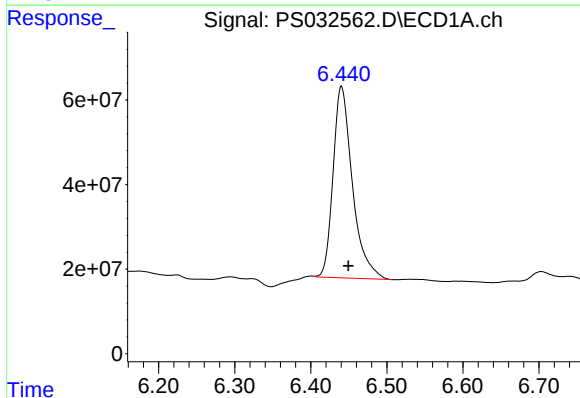
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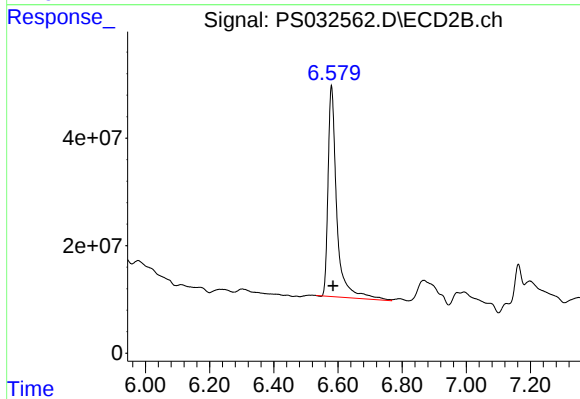
#1 Dalapon

R.T.: 2.598 min
Delta R.T.: -0.004 min
Response: 834867103
Conc: 120.06 ng/ml m



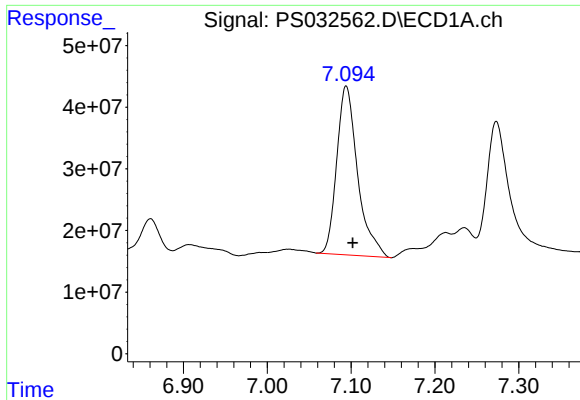
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.440 min
Delta R.T.: -0.009 min
Response: 798594519
Conc: 123.50 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.580 min
Delta R.T.: -0.005 min
Response: 744376411
Conc: 123.88 ng/ml



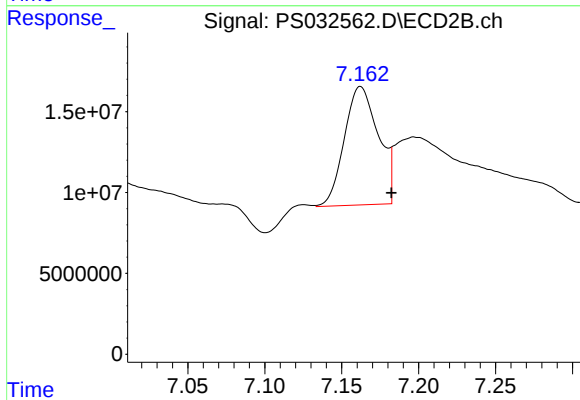
#3 4-Nitrophenol

R.T.: 7.094 min
Delta R.T.: -0.008 min
Response: 474340325
Conc: 353.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
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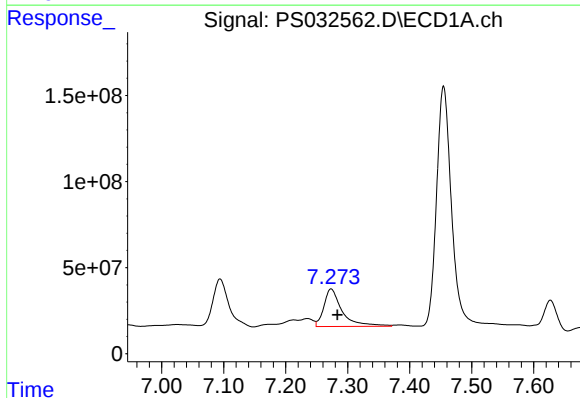
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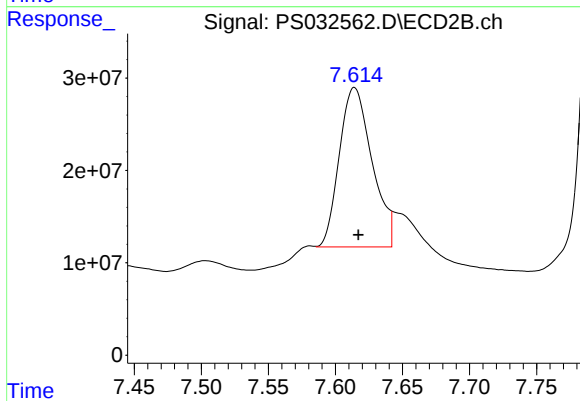
#3 4-Nitrophenol

R.T.: 7.162 min
Delta R.T.: -0.021 min
Response: 115373683
Conc: 50.83 ng/ml m



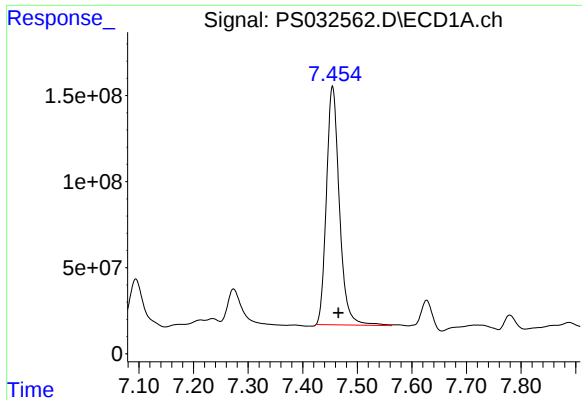
#4 2,4-DCAA

R.T.: 7.273 min
Delta R.T.: -0.010 min
Response: 449257834
Conc: 99.15 ng/ml



#4 2,4-DCAA

R.T.: 7.614 min
Delta R.T.: -0.004 min
Response: 293760643
Conc: 80.58 ng/ml m



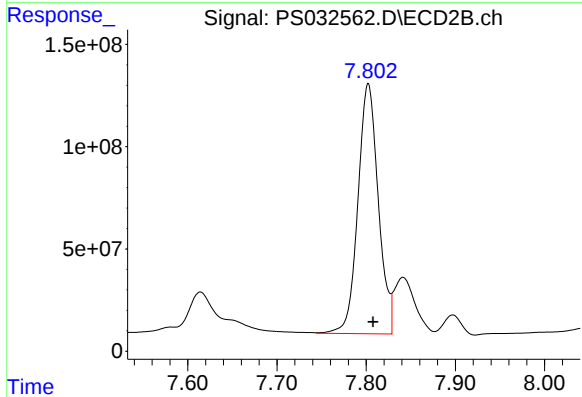
#5 DICAMBA

R.T.: 7.455 min
Delta R.T.: -0.011 min
Response: 2288986548
Conc: 121.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
OR-03-11-24-2025MSD

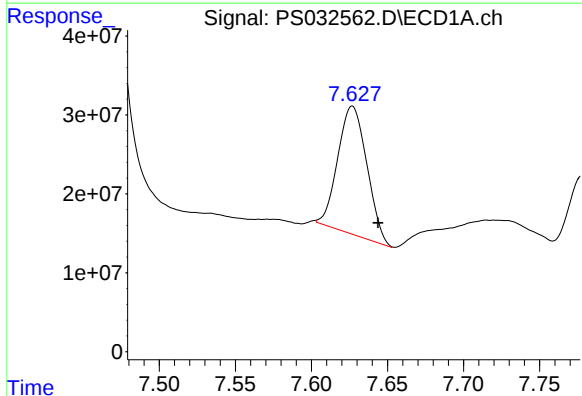
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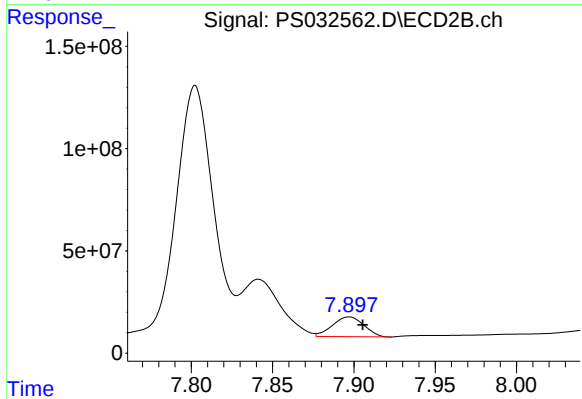
#5 DICAMBA

R.T.: 7.802 min
Delta R.T.: -0.006 min
Response: 1941896492
Conc: 112.43 ng/ml



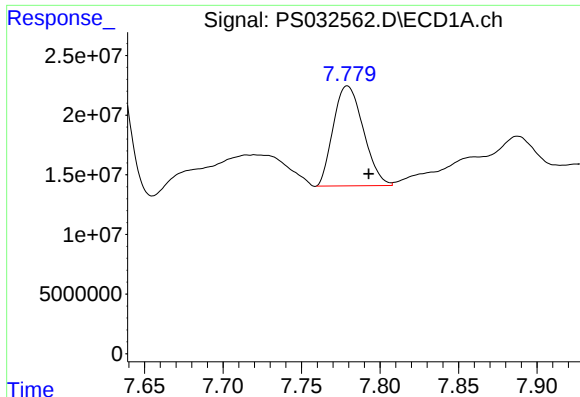
#6 MCP

R.T.: 7.627 min
Delta R.T.: -0.017 min
Response: 215858082
Conc: 19.82 ug/ml m



#6 MCP

R.T.: 7.897 min
Delta R.T.: -0.008 min
Response: 130781164
Conc: 9.83 ug/ml



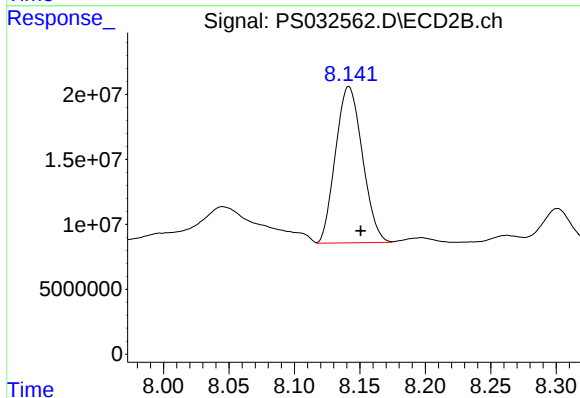
#7 MCPA

R.T.: 7.779 min
Delta R.T.: -0.013 min
Response: 111742762
Conc: 8.32 ug/ml

Instrument :
ECD_S
ClientSampleId :
OR-03-11-24-2025MSD

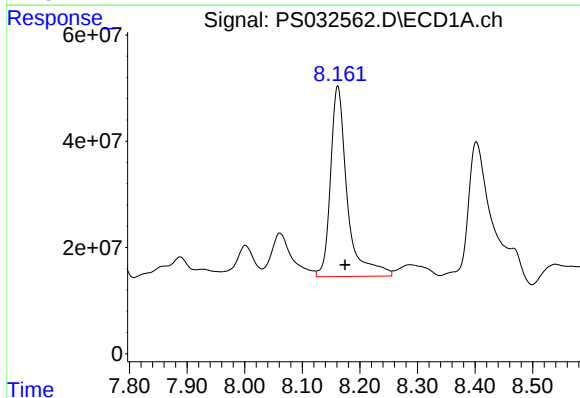
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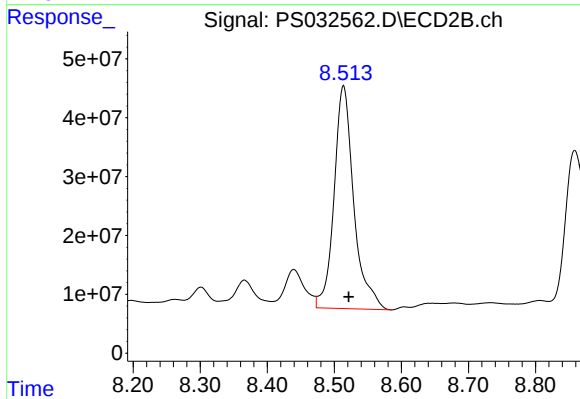
#7 MCPA

R.T.: 8.141 min
Delta R.T.: -0.010 min
Response: 172180886
Conc: 10.56 ug/ml m



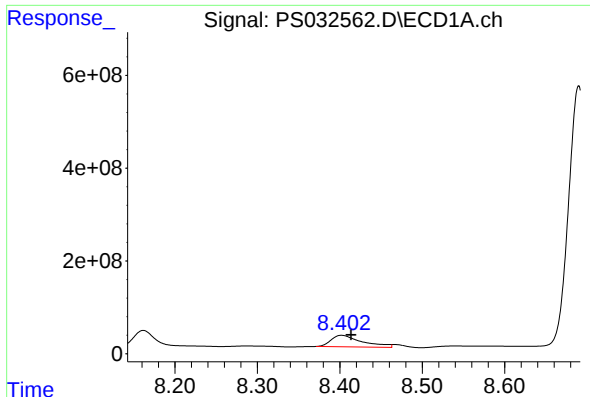
#8 DICHLORPROP

R.T.: 8.162 min
Delta R.T.: -0.012 min
Response: 724418204
Conc: 162.84 ng/ml



#8 DICHLORPROP

R.T.: 8.514 min
Delta R.T.: -0.008 min
Response: 772569654
Conc: 161.99 ng/ml



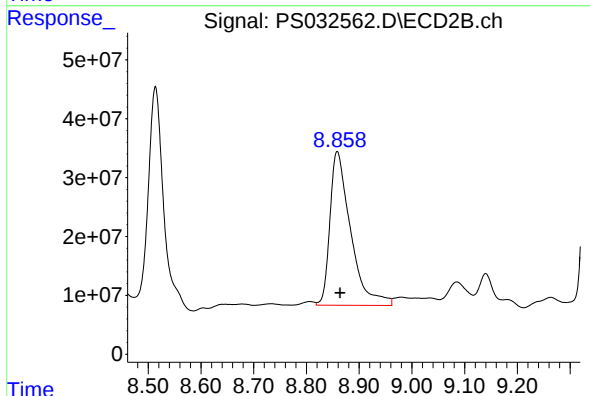
#9 2,4-D

R.T.: 8.402 min
Delta R.T.: -0.012 min
Response: 648741810
Conc: 143.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
OR-03-11-24-2025MSD

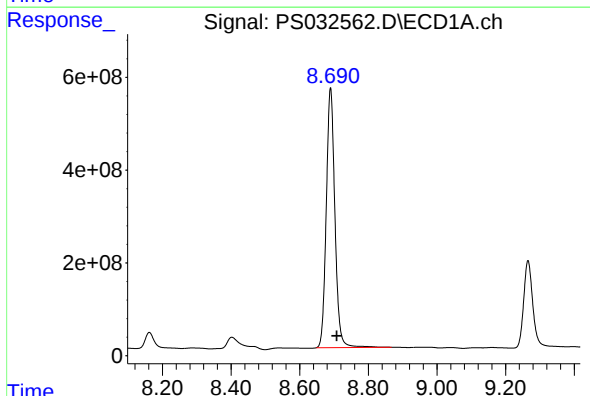
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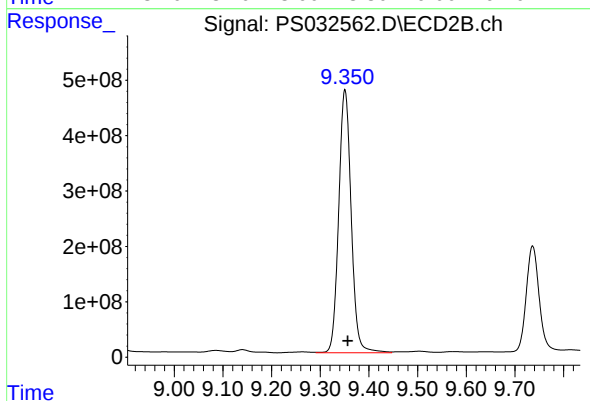
#9 2,4-D

R.T.: 8.859 min
Delta R.T.: -0.005 min
Response: 711578009
Conc: 135.65 ng/ml



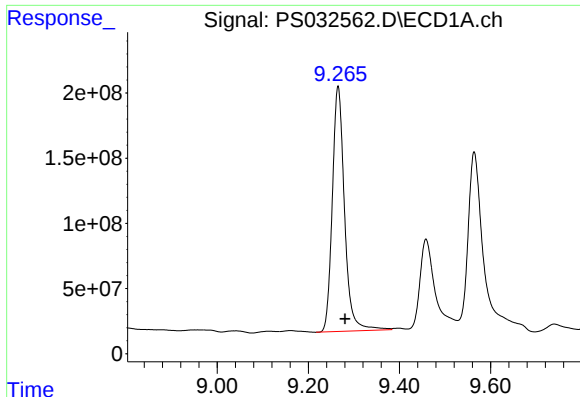
#10 Pentachlorophenol

R.T.: 8.690 min
Delta R.T.: -0.018 min
Response: 9761730163
Conc: 155.59 ng/ml



#10 Pentachlorophenol

R.T.: 9.351 min
Delta R.T.: -0.005 min
Response: 8453059904
Conc: 144.00 ng/ml



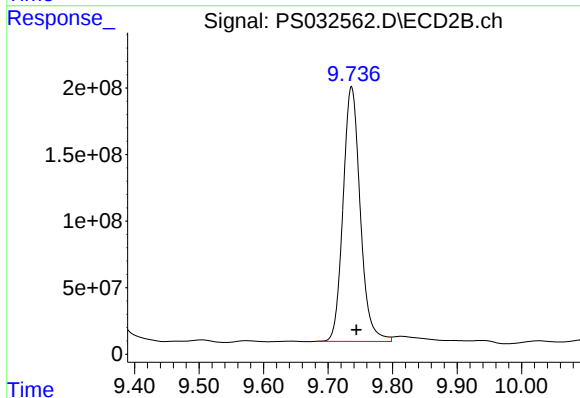
#11 2,4,5-TP (SILVEX)

R.T.: 9.265 min
Delta R.T.: -0.015 min
Response: 3500024567
Conc: 134.56 ng/ml

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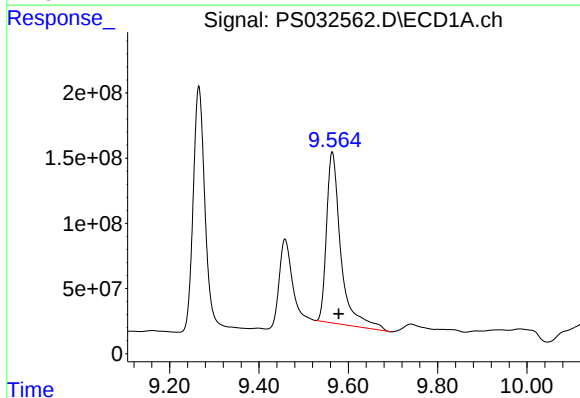
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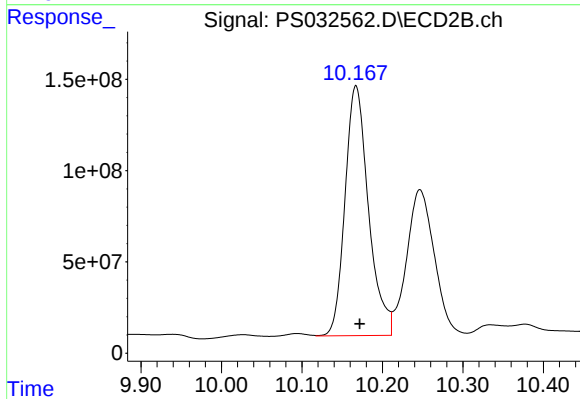
#11 2,4,5-TP (SILVEX)

R.T.: 9.736 min
Delta R.T.: -0.008 min
Response: 3542016831
Conc: 131.90 ng/ml m



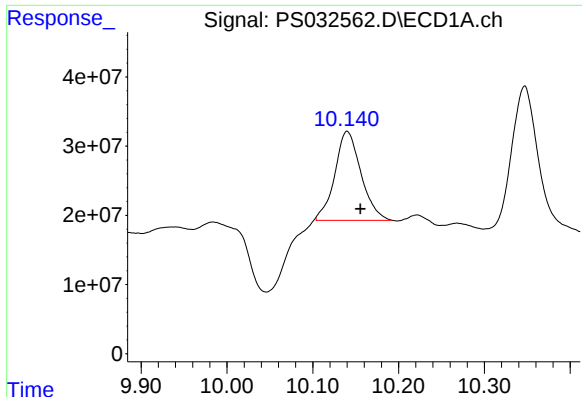
#12 2,4,5-T

R.T.: 9.564 min
Delta R.T.: -0.014 min
Response: 2910857202
Conc: 122.11 ng/ml



#12 2,4,5-T

R.T.: 10.167 min
Delta R.T.: -0.005 min
Response: 2781262599
Conc: 117.26 ng/ml m



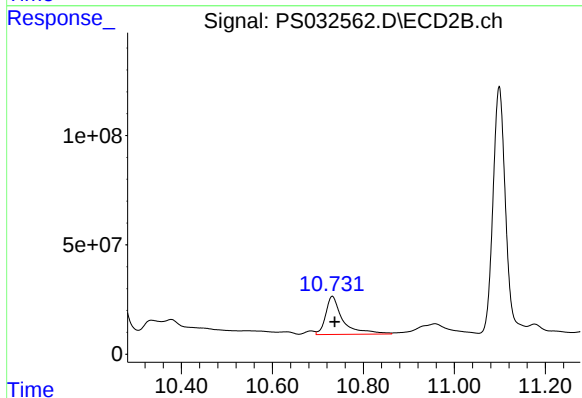
#13 2,4-DB

R.T.: 10.140 min
Delta R.T.: -0.016 min
Response: 273254818
Conc: 103.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
OR-03-11-24-2025MSD

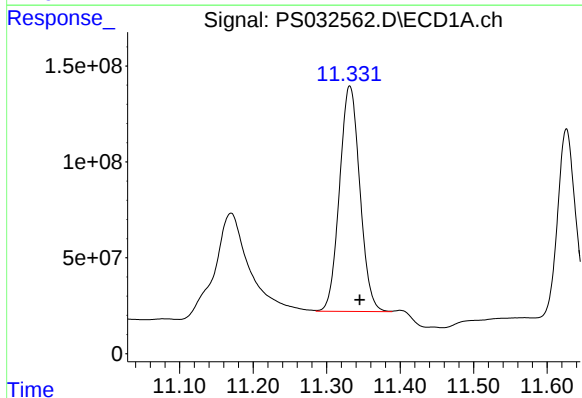
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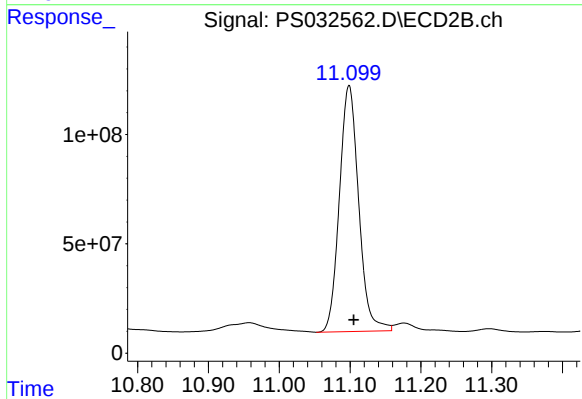
#13 2,4-DB

R.T.: 10.732 min
Delta R.T.: -0.005 min
Response: 456610838
Conc: 121.07 ng/ml



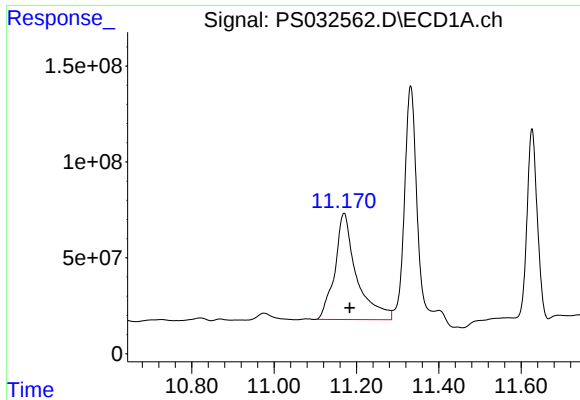
#14 DINOSEB

R.T.: 11.331 min
Delta R.T.: -0.014 min
Response: 2257116129
Conc: 108.48 ng/ml m



#14 DINOSEB

R.T.: 11.099 min
Delta R.T.: -0.007 min
Response: 2131391779
Conc: 120.50 ng/ml



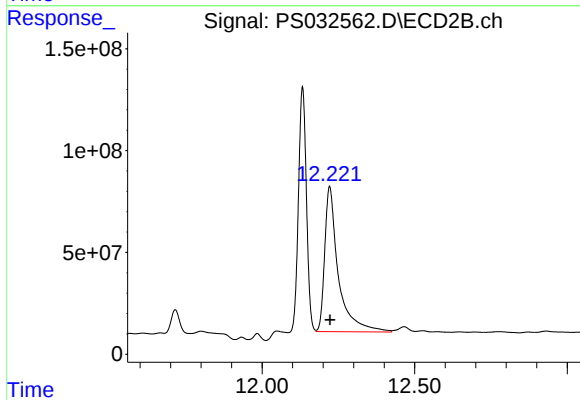
#15 Picloram

R.T.: 11.170 min
Delta R.T.: -0.014 min
Response: 2029963173
Conc: 95.64 ng/ml

Instrument :
ECD_S
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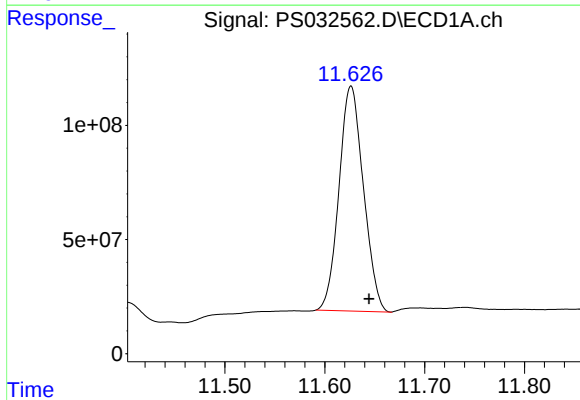
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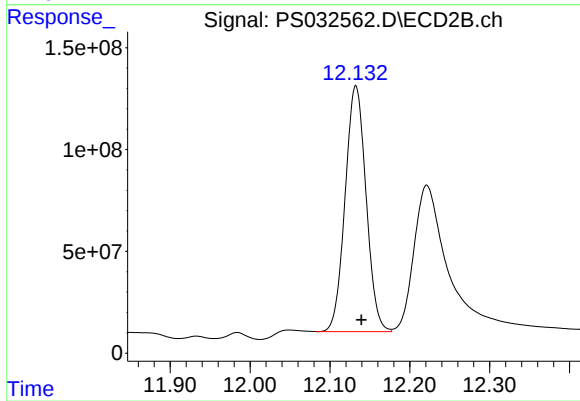
#15 Picloram

R.T.: 12.221 min
Delta R.T.: -0.002 min
Response: 2214726715
Conc: 59.56 ng/ml



#16 DCPA

R.T.: 11.626 min
Delta R.T.: -0.018 min
Response: 1672555496
Conc: 49.85 ng/ml



#16 DCPA

R.T.: 12.132 min
Delta R.T.: -0.008 min
Response: 2202421879
Conc: 69.13 ng/ml m