

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090825\
 Data File : PS031643.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2025 17:35
 Operator : AR\AJ
 Sample : HSTDICC200
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC200

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/09/2025
 Supervised By :mohammad ahmed 09/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 03:11:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090825.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 03:11:18 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	7.290	7.746	864.4E6	173.0E6	241.586	206.580
Target Compounds							
1) T	Dalapon	2.669	2.687	1205.4E6	553.6E6	218.874	206.625
2) T	3,5-DICHL...	6.456	6.699	1198.5E6	318.1E6	224.308	213.755
3) T	4-Nitroph...	7.117	7.340f	175.5E6	181.5E6	154.858	159.822m
5) T	DICAMBA	7.470	7.935	3462.2E6	1274.5E6	217.642	202.861
6) T	MCPD	7.644	8.028	112.6E6	30142023	11.917	15.126 #
7) T	MCPA	7.793	8.274	165.1E6	40680344	14.676	14.694
8) T	DICHLORPROP	8.181	8.658	801.5E6	310.6E6	228.306	218.878
9) T	2,4-D	8.426	9.015	897.6E6	272.5E6	274.619	181.774 #
10) T	Pentachlo...	8.708	9.504	12889.4E6	8177.2E6	225.192	204.871
11) T	2,4,5-TP ...	9.289	9.893	4655.4E6	3006.0E6	220.654	207.640
12) T	2,4,5-T	9.592	10.331	3400.9E6	2159.7E6	187.479	176.057
13) T	2,4-DB	10.173	10.908	300.7E6	117.4E6	149.038	142.683
14) T	DINOSEB	11.357	11.264	3499.2E6	2191.0E6	221.550	206.312
15) T	Picloram	11.222f	12.420f	1806.1E6	2274.3E6	137.678m	132.788
16) T	DCPA	11.656	12.304	6037.2E6	4896.9E6	222.957	207.009

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

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Acq On : 08 Sep 2025 17:35
Operator : AR\AJ
Sample : HSTDICC200
Misc :
ALS Vial : 3 Sample Multiplier: 1

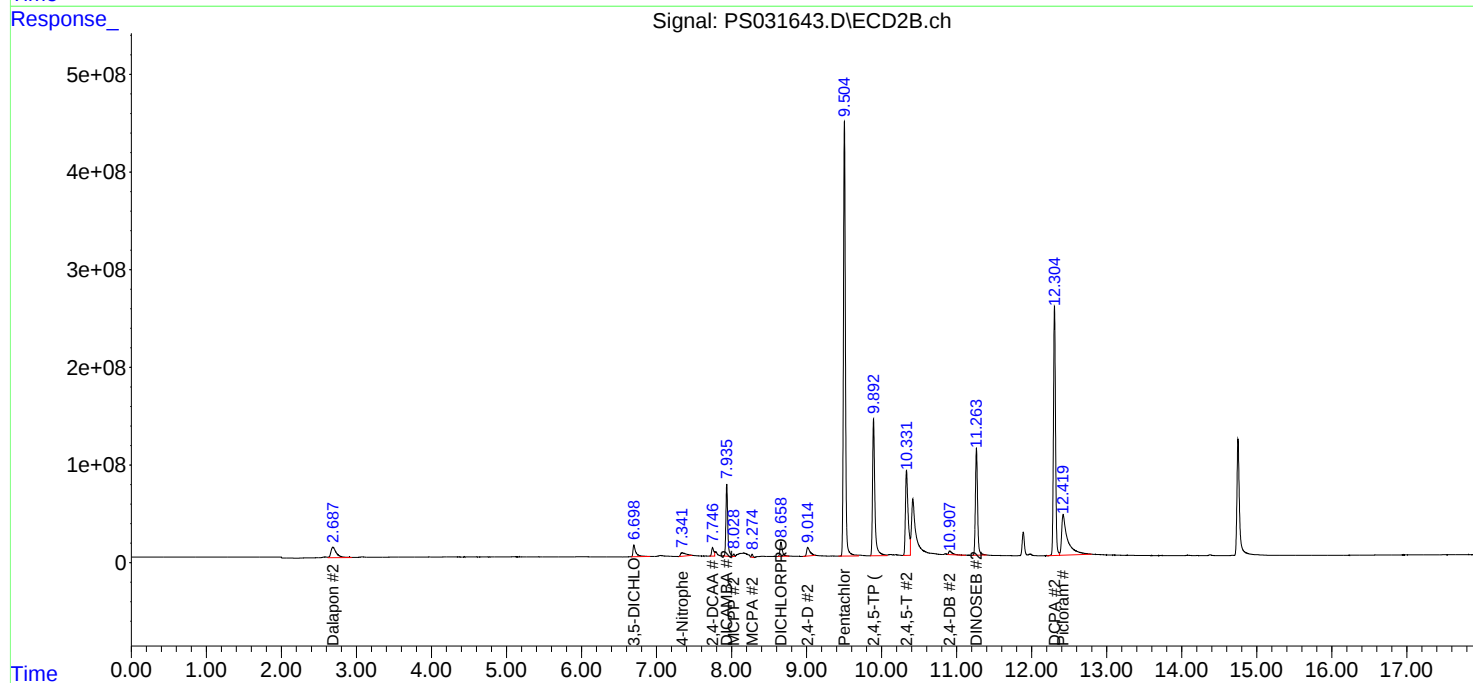
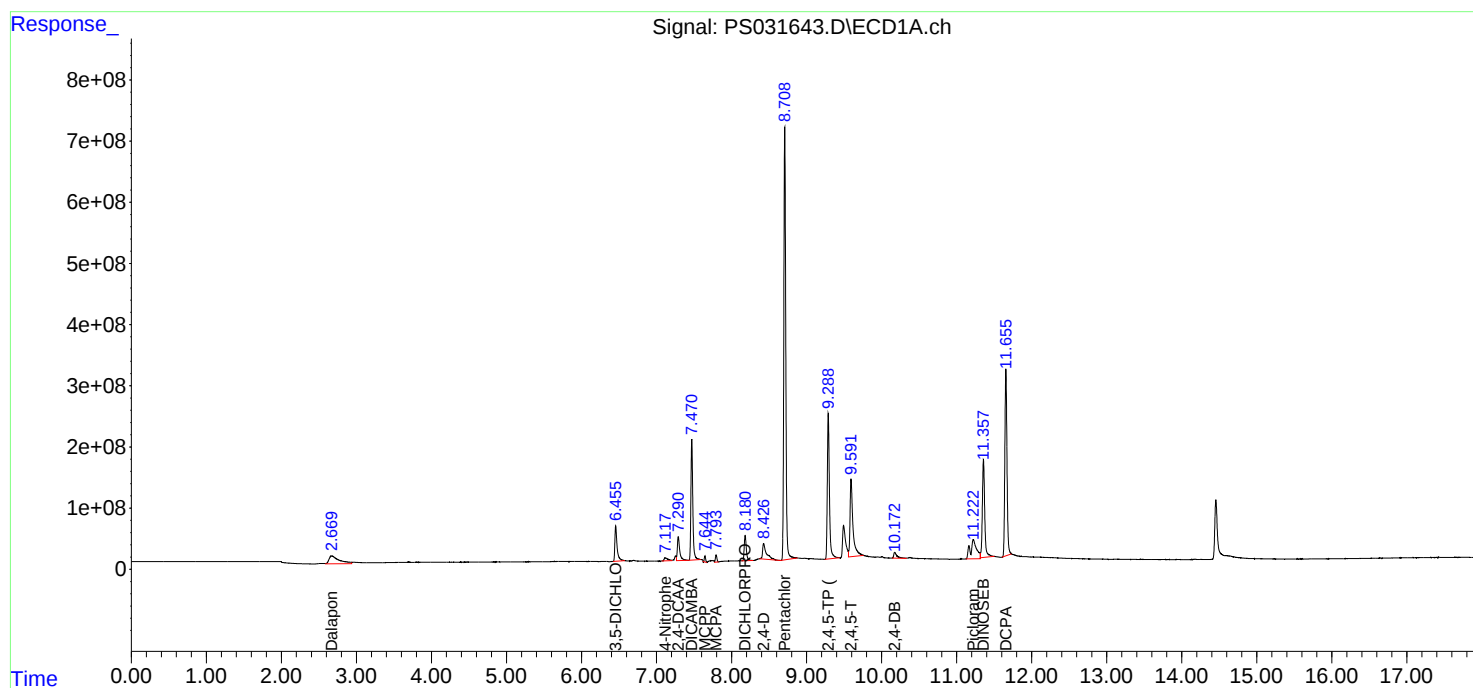
Instrument :
ECD_S
ClientSampleId :
HSTDICC200

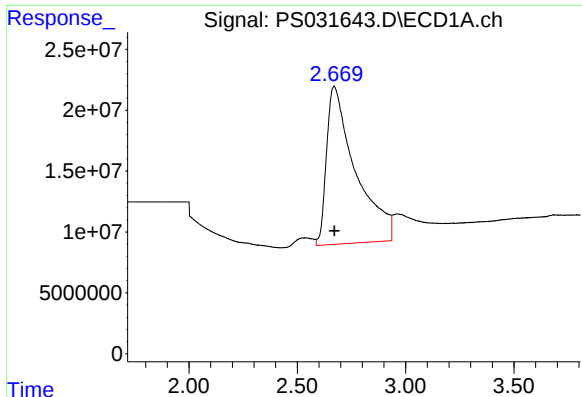
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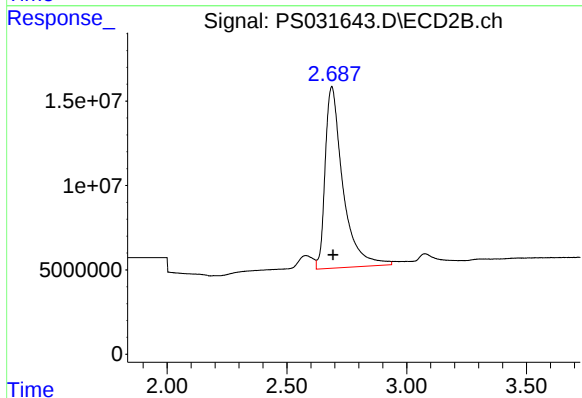
#1 Dalapon

R.T.: 2.669 min
Delta R.T.: -0.003 min
Response: 1205387297
Conc: 218.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

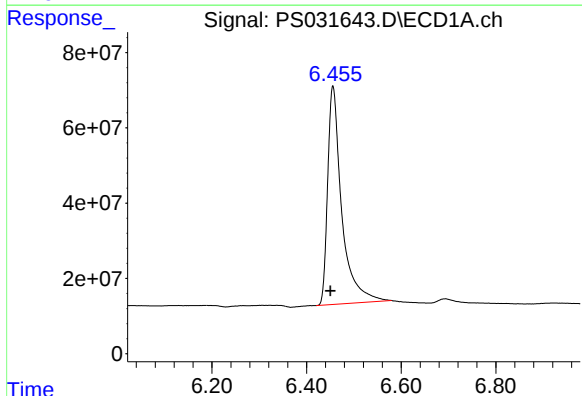
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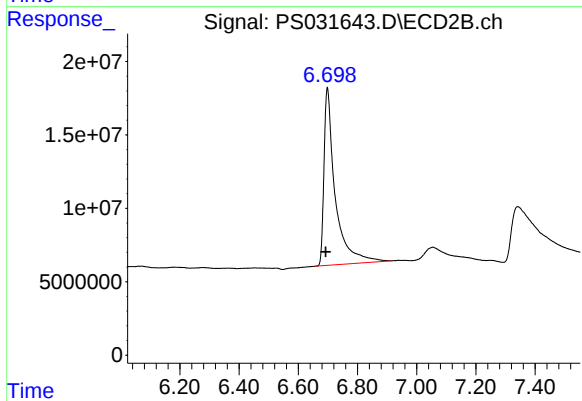
#1 Dalapon

R.T.: 2.687 min
Delta R.T.: -0.005 min
Response: 553626657
Conc: 206.63 ng/ml



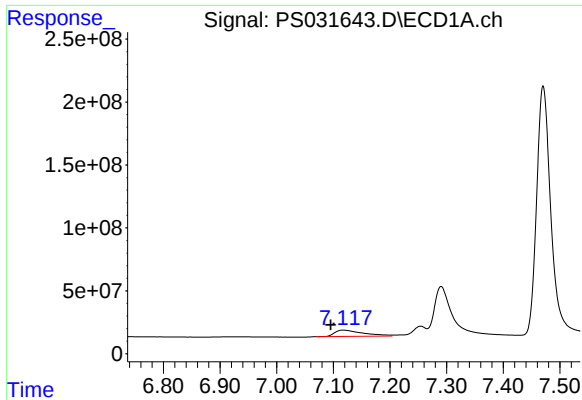
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.456 min
Delta R.T.: 0.005 min
Response: 1198457941
Conc: 224.31 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.699 min
Delta R.T.: 0.006 min
Response: 318138050
Conc: 213.76 ng/ml



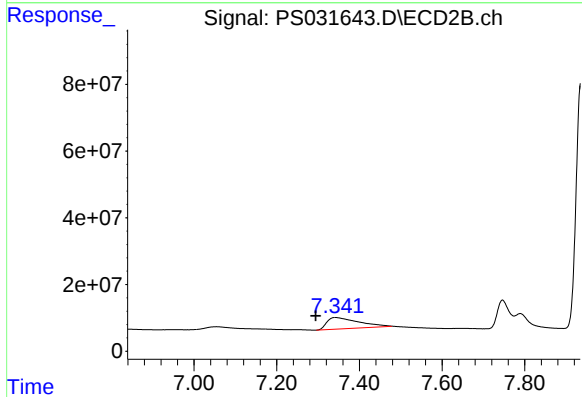
#3 4-Nitrophenol

R.T.: 7.117 min
Delta R.T.: 0.022 min
Response: 175528646
Conc: 154.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

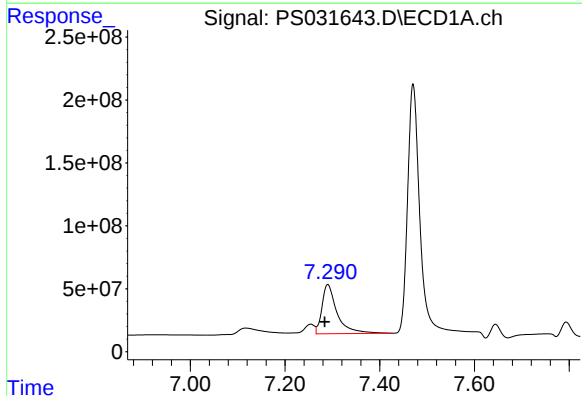
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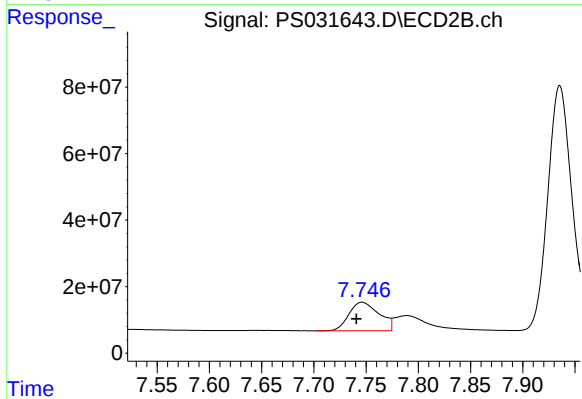
#3 4-Nitrophenol

R.T.: 7.340 min
Delta R.T.: 0.046 min
Response: 181546809
Conc: 159.82 ng/ml m



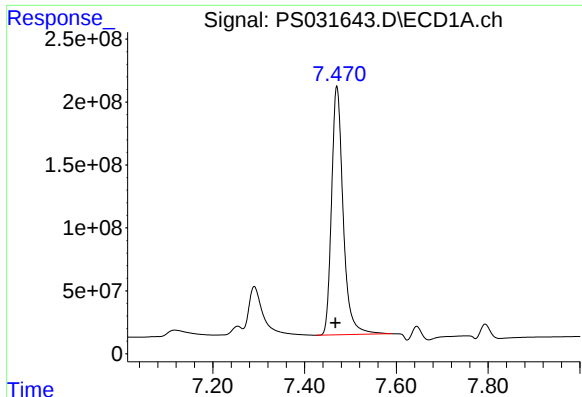
#4 2,4-DCAA

R.T.: 7.290 min
Delta R.T.: 0.007 min
Response: 864391926
Conc: 241.59 ng/ml



#4 2,4-DCAA

R.T.: 7.746 min
Delta R.T.: 0.006 min
Response: 173048468
Conc: 206.58 ng/ml



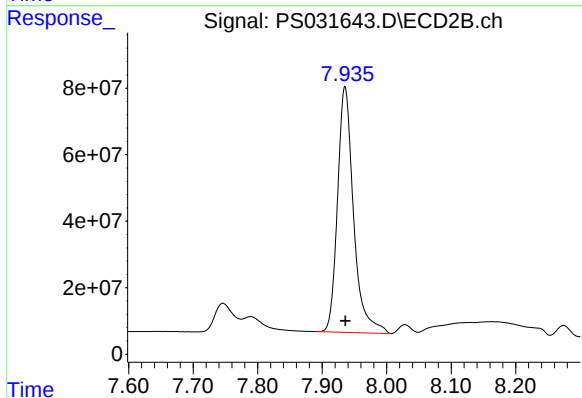
#5 DICAMBA

R.T.: 7.470 min
Delta R.T.: 0.003 min
Response: 3462226812
Conc: 217.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

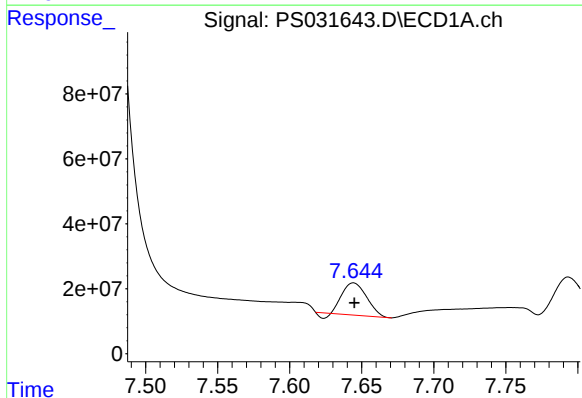
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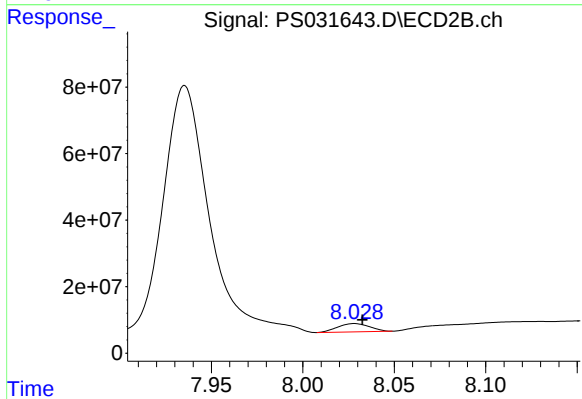
#5 DICAMBA

R.T.: 7.935 min
Delta R.T.: 0.000 min
Response: 1274520631
Conc: 202.86 ng/ml



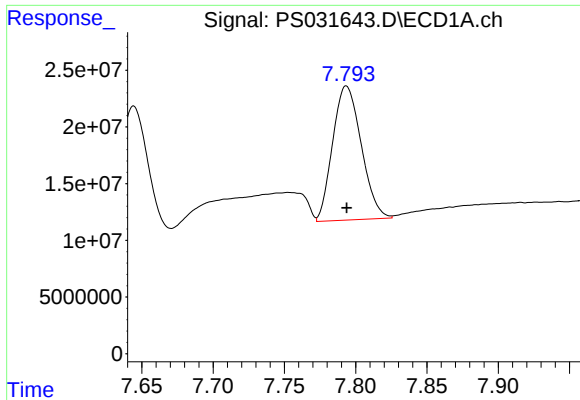
#6 MCP

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 112575969
Conc: 11.92 ug/ml



#6 MCP

R.T.: 8.028 min
Delta R.T.: -0.004 min
Response: 30142023
Conc: 15.13 ug/ml



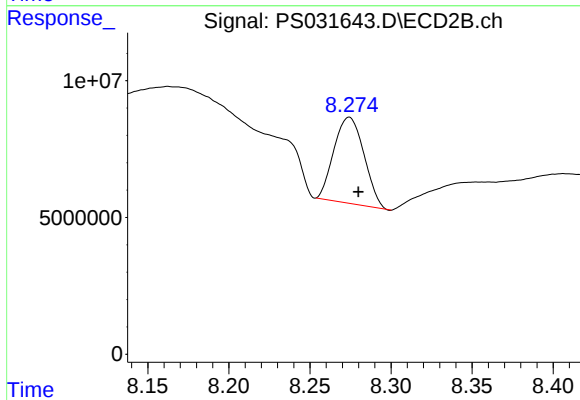
#7 MCPA

R.T.: 7.793 min
Delta R.T.: 0.000 min
Response: 165059122
Conc: 14.68 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

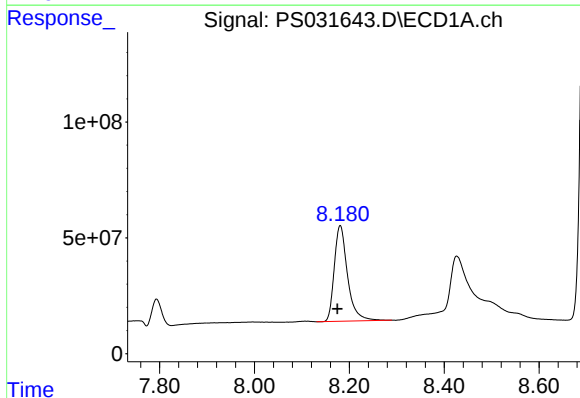
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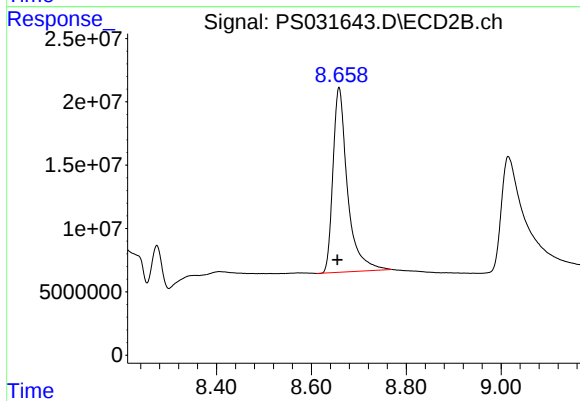
#7 MCPA

R.T.: 8.274 min
Delta R.T.: -0.006 min
Response: 40680344
Conc: 14.69 ug/ml



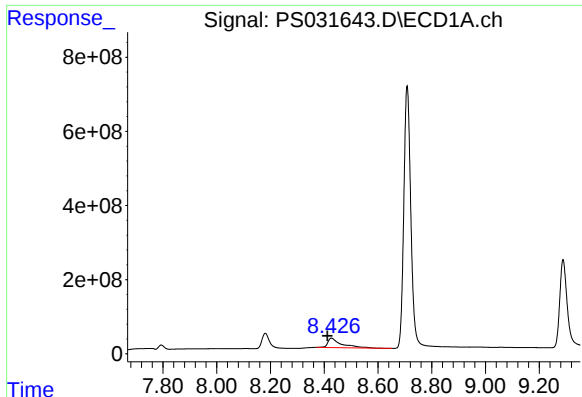
#8 DICHLORPROP

R.T.: 8.181 min
Delta R.T.: 0.006 min
Response: 801513660
Conc: 228.31 ng/ml



#8 DICHLORPROP

R.T.: 8.658 min
Delta R.T.: 0.003 min
Response: 310607927
Conc: 218.88 ng/ml



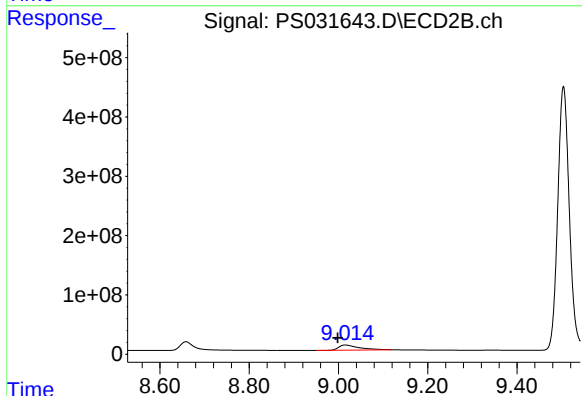
#9 2,4-D

R.T.: 8.426 min
Delta R.T.: 0.014 min
Response: 897597501
Conc: 274.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

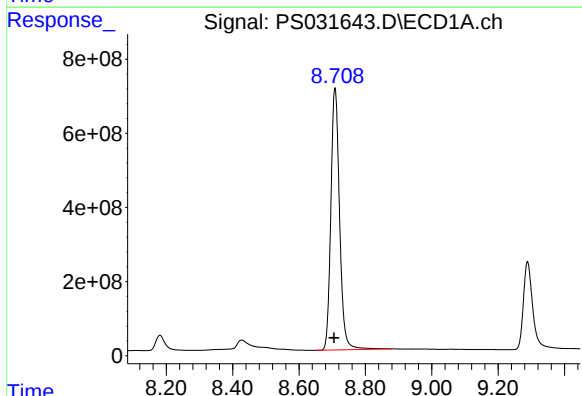
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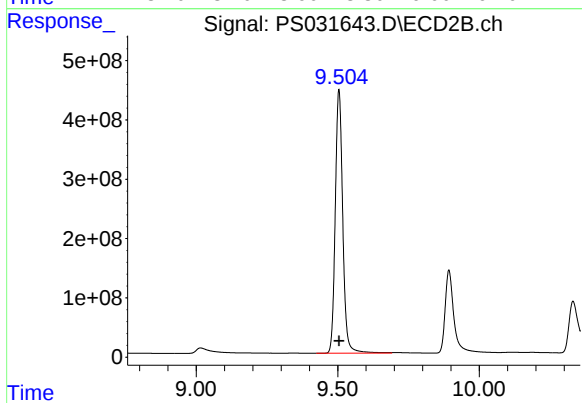
#9 2,4-D

R.T.: 9.015 min
Delta R.T.: 0.017 min
Response: 272544630
Conc: 181.77 ng/ml



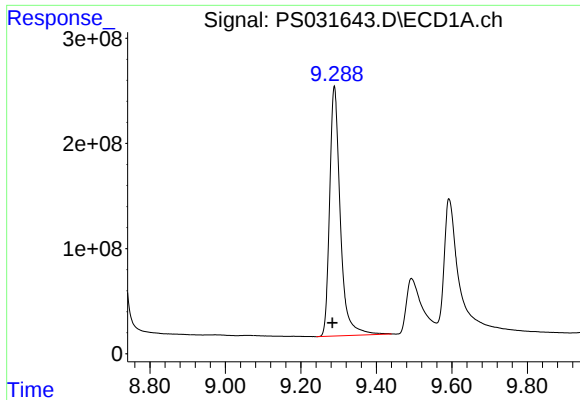
#10 Pentachlorophenol

R.T.: 8.708 min
Delta R.T.: 0.002 min
Response: 12889373342
Conc: 225.19 ng/ml



#10 Pentachlorophenol

R.T.: 9.504 min
Delta R.T.: -0.001 min
Response: 8177232886
Conc: 204.87 ng/ml



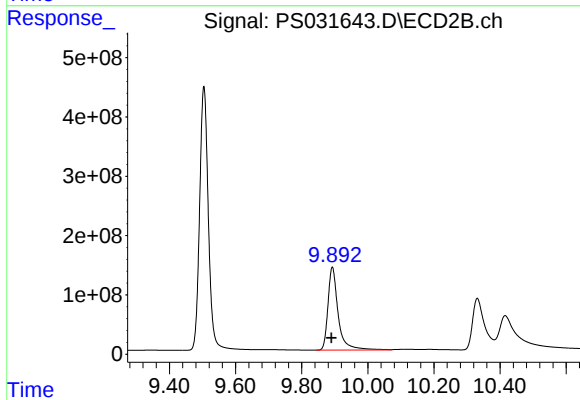
#11 2,4,5-TP (SILVEX)

R.T.: 9.289 min
Delta R.T.: 0.005 min
Response: 4655440632
Conc: 220.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

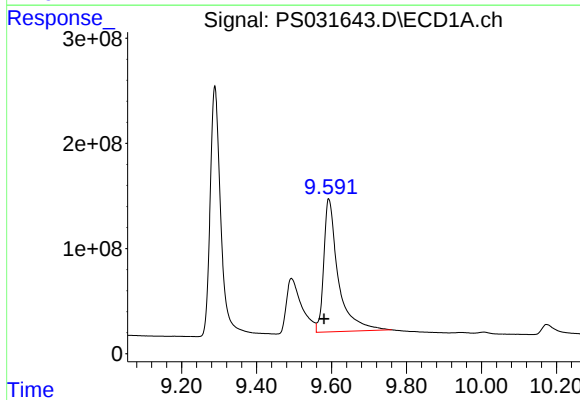
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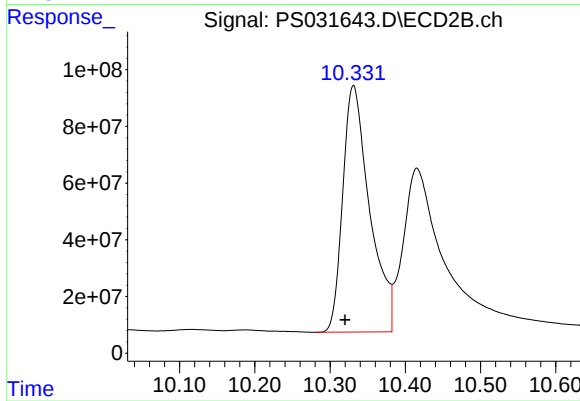
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: 0.003 min
Response: 3006036380
Conc: 207.64 ng/ml



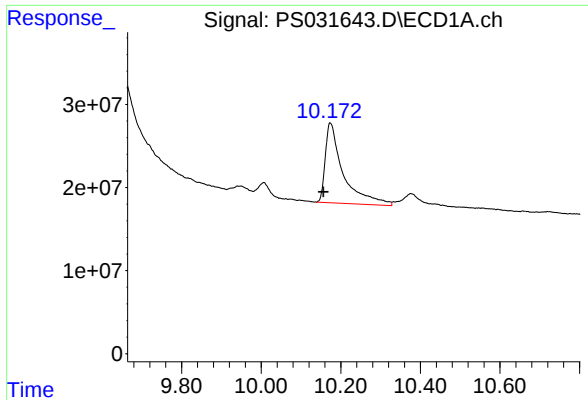
#12 2,4,5-T

R.T.: 9.592 min
Delta R.T.: 0.012 min
Response: 3400867668
Conc: 187.48 ng/ml



#12 2,4,5-T

R.T.: 10.331 min
Delta R.T.: 0.011 min
Response: 2159679521
Conc: 176.06 ng/ml



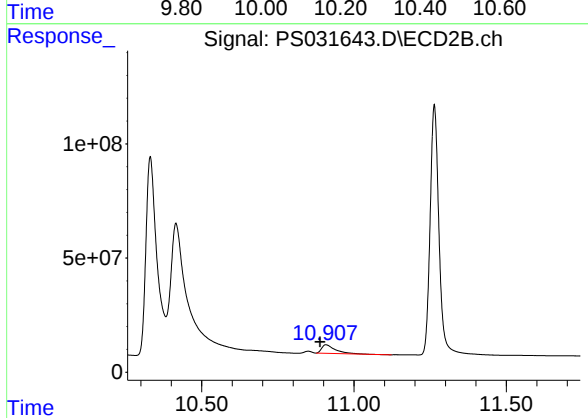
#13 2,4-DB

R.T.: 10.173 min
Delta R.T.: 0.017 min
Response: 300731693
Conc: 149.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

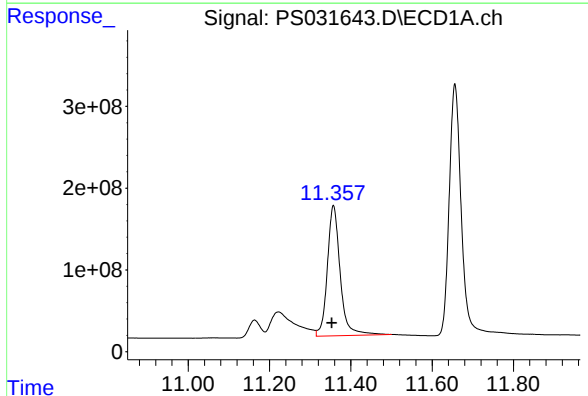
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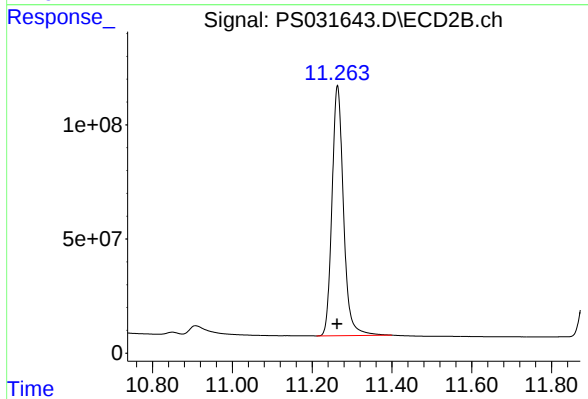
#13 2,4-DB

R.T.: 10.908 min
Delta R.T.: 0.019 min
Response: 117355522
Conc: 142.68 ng/ml



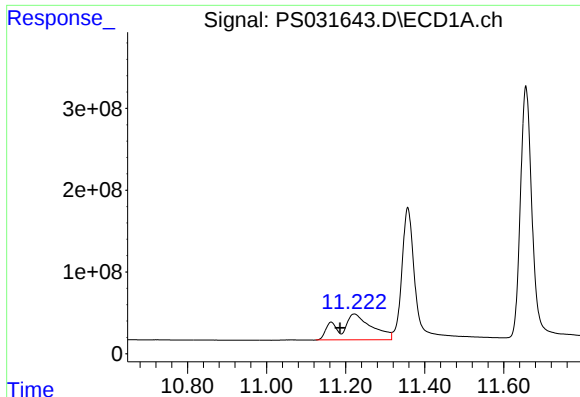
#14 DINOSEB

R.T.: 11.357 min
Delta R.T.: 0.004 min
Response: 3499156534
Conc: 221.55 ng/ml



#14 DINOSEB

R.T.: 11.264 min
Delta R.T.: 0.001 min
Response: 2190977992
Conc: 206.31 ng/ml



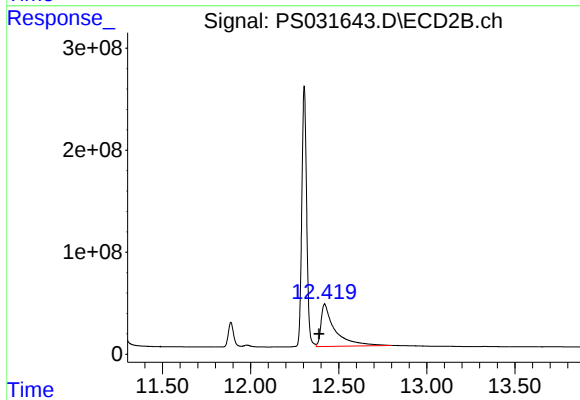
#15 Picloram

R.T.: 11.222 min
Delta R.T.: 0.036 min
Response: 1806127327
Conc: 137.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

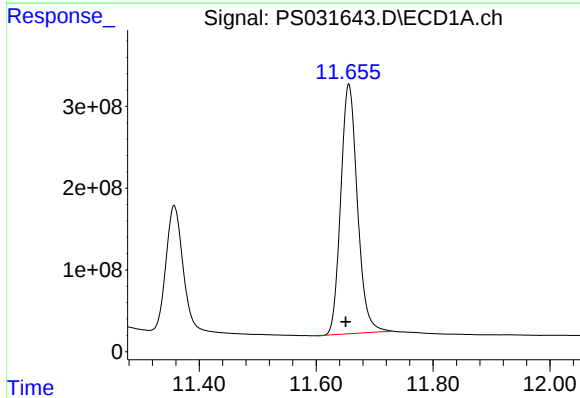
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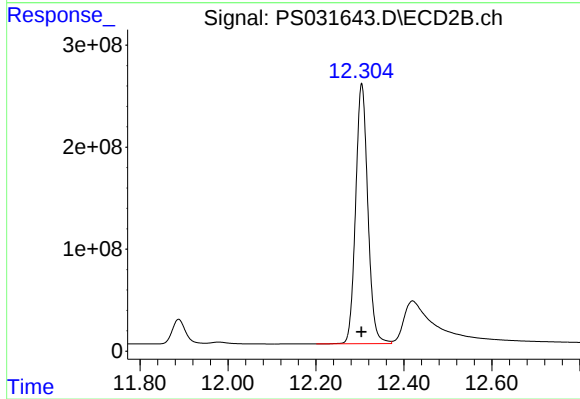
#15 Picloram

R.T.: 12.420 min
Delta R.T.: 0.031 min
Response: 2274289148
Conc: 132.79 ng/ml



#16 DCPA

R.T.: 11.656 min
Delta R.T.: 0.005 min
Response: 6037228390
Conc: 222.96 ng/ml



#16 DCPA

R.T.: 12.304 min
Delta R.T.: 0.000 min
Response: 4896899198
Conc: 207.01 ng/ml