

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090825\
 Data File : PS031644.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2025 17:59
 Operator : AR\AJ
 Sample : HSTDICC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC500

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 03:12:17 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	7.284	7.742	1922.1E6	423.2E6	537.203	505.227
Target Compounds							
1) T	Dalapon	2.670	2.691	2614.3E6	1329.5E6	474.697	496.206
2) T	3,5-DICHL...	6.452	6.695	2646.3E6	726.1E6	495.300	487.861
3) T	4-Nitroph...	7.100	7.306	542.1E6	446.4E6	478.272	392.944
5) T	DICAMBA	7.467	7.936	7864.1E6	3011.6E6	494.354	479.338
6) T	MCPD	7.643	8.031	425.4E6	84081292	45.032	42.195
7) T	MCPA	7.792	8.278	501.9E6	124.1E6	44.631	44.834
8) T	DICHLORPROP	8.176	8.657	1766.2E6	699.0E6	503.102	492.554
9) T	2,4-D	8.415	9.003	1893.2E6	713.8E6	579.233	476.086
10) T	Pentachlo...	8.705	9.505	29169.9E6	19578.3E6	509.631	490.511
11) T	2,4,5-TP ...	9.284	9.891	10695.3E6	7122.2E6	506.922	491.960
12) T	2,4,5-T	9.583	10.322	8852.3E6	5769.1E6	487.998	470.300
13) T	2,4-DB	10.160	10.893	953.6E6	343.6E6	472.576	417.761
14) T	DINOSEB	11.352	11.263	7869.5E6	5137.0E6	498.258	483.721
15) T	Picloram	11.192	12.396	5927.1E6	7344.8E6	451.813m	428.840
16) T	DCPA	11.651	12.303	13840.2E6	11739.2E6	511.125	496.257

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

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Sample : HSTDICC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

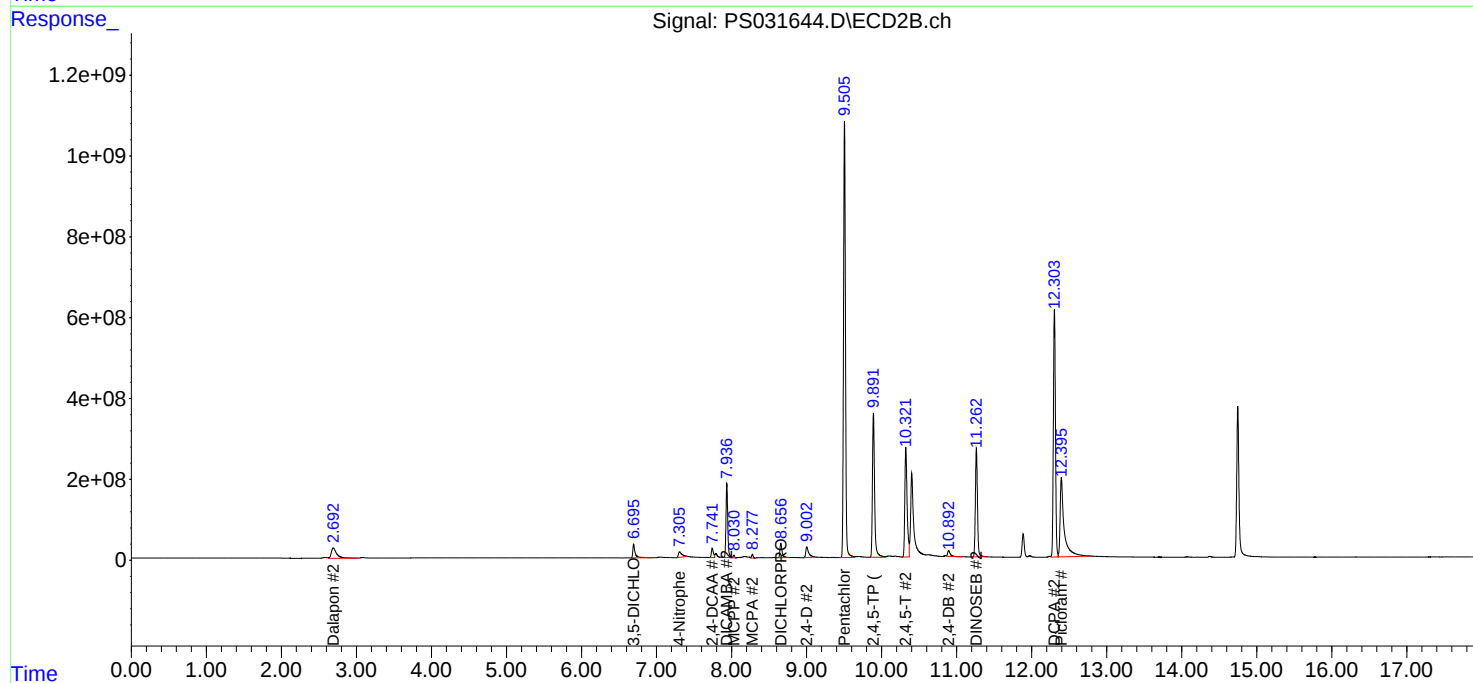
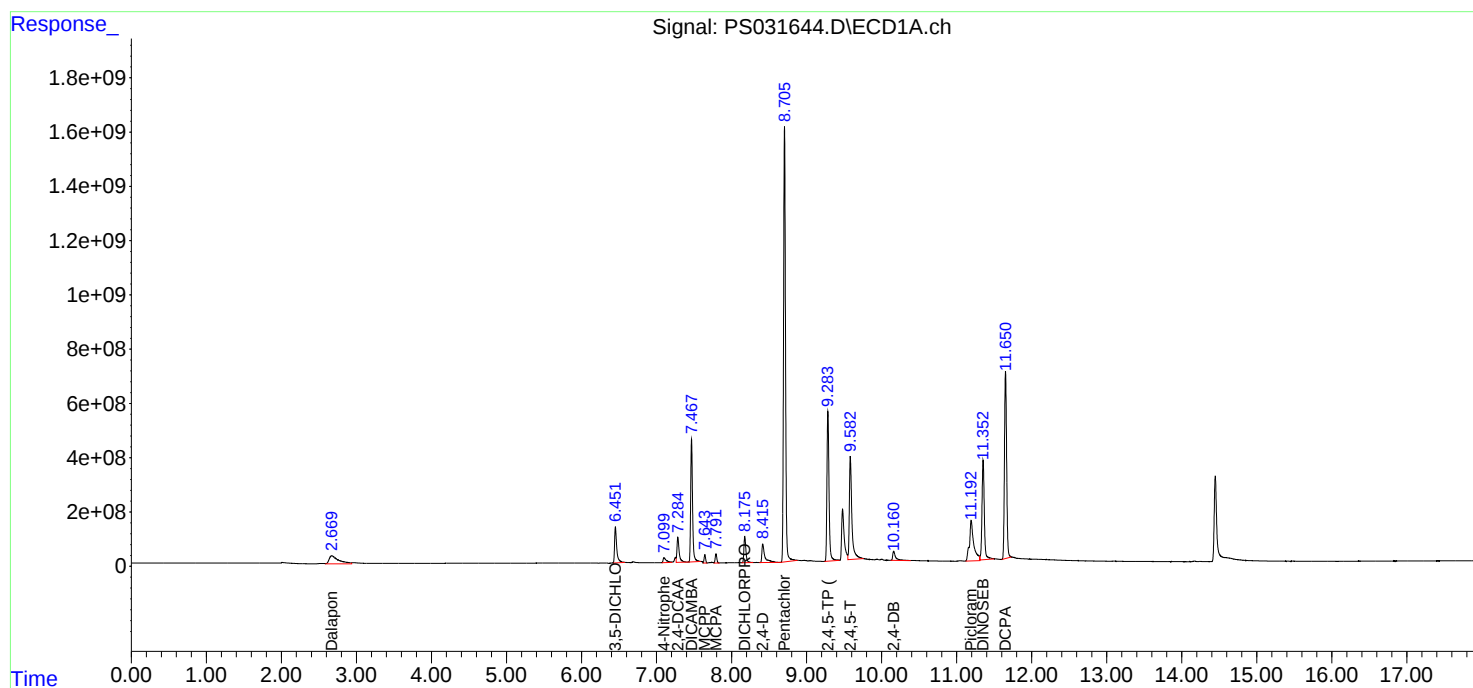
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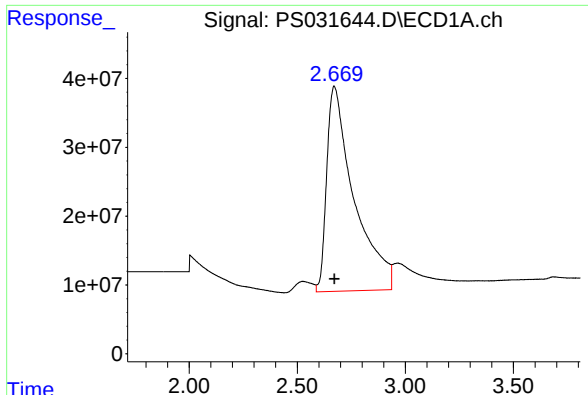
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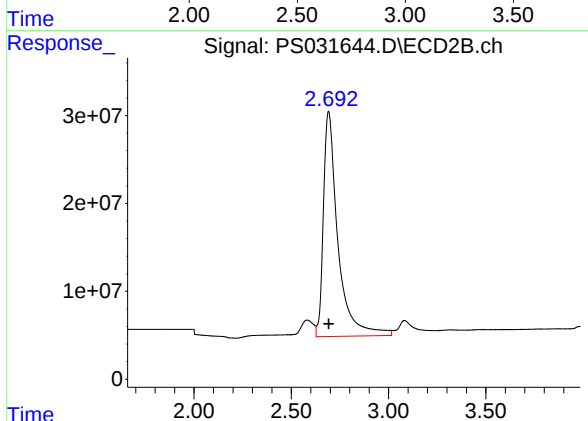
#1 Dalapon

R.T.: 2.670 min
Delta R.T.: -0.002 min
Response: 2614263172
Conc: 474.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

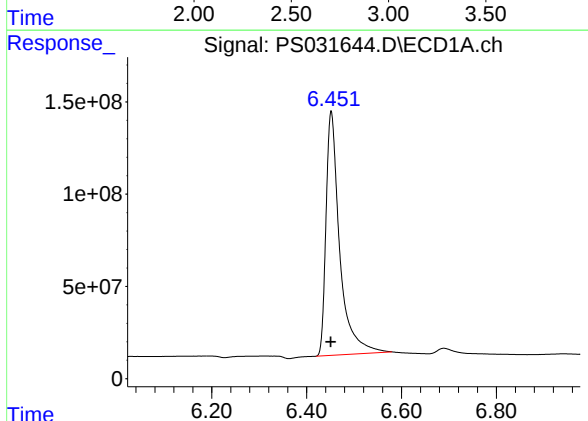
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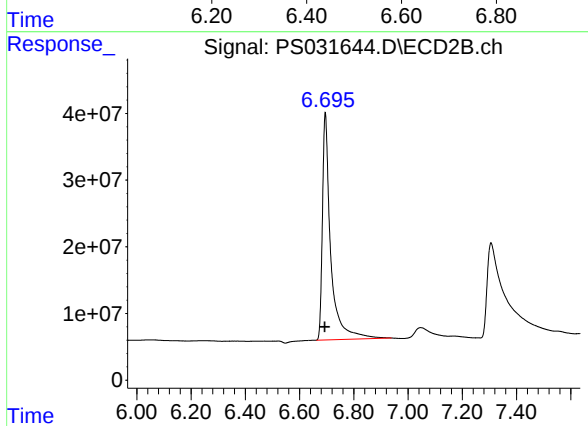
#1 Dalapon

R.T.: 2.691 min
Delta R.T.: 0.000 min
Response: 1329521047
Conc: 496.21 ng/ml



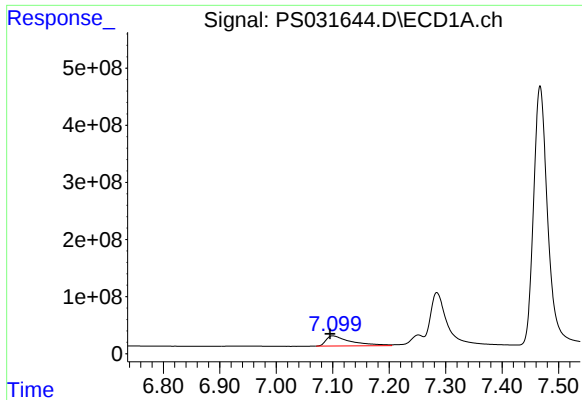
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: 0.001 min
Response: 2646344878
Conc: 495.30 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.695 min
Delta R.T.: 0.002 min
Response: 726098659
Conc: 487.86 ng/ml



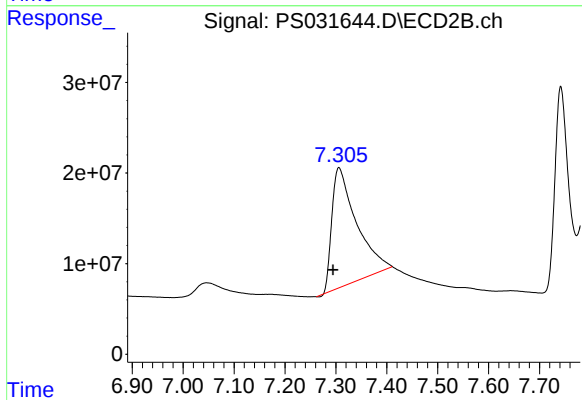
#3 4-Nitrophenol

R.T.: 7.100 min
Delta R.T.: 0.005 min
Response: 542112558
Conc: 478.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

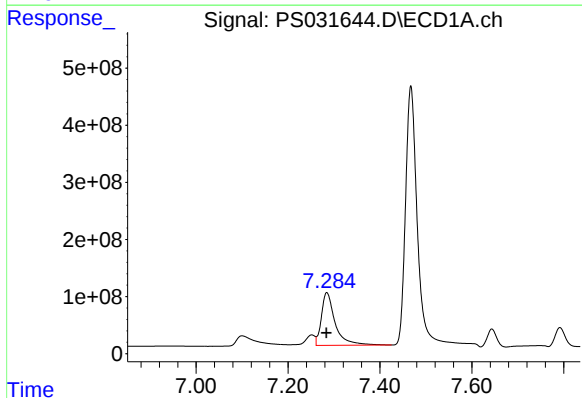
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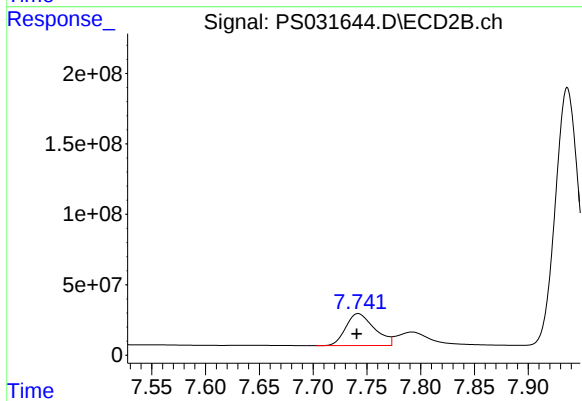
#3 4-Nitrophenol

R.T.: 7.306 min
Delta R.T.: 0.012 min
Response: 446358777
Conc: 392.94 ng/ml



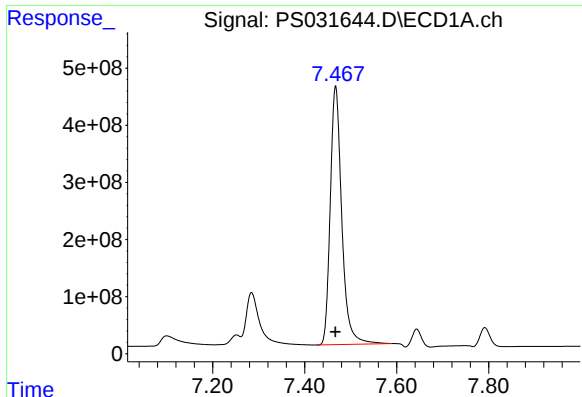
#4 2,4-DCAA

R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 1922106848
Conc: 537.20 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: 0.001 min
Response: 423220768
Conc: 505.23 ng/ml



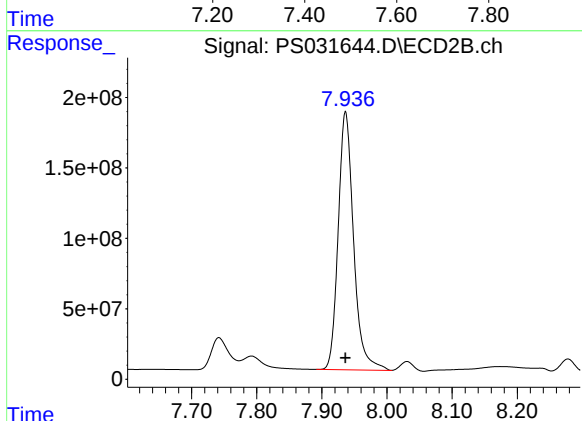
#5 DICAMBA

R.T.: 7.467 min
Delta R.T.: 0.000 min
Response: 7864119784
Conc: 494.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

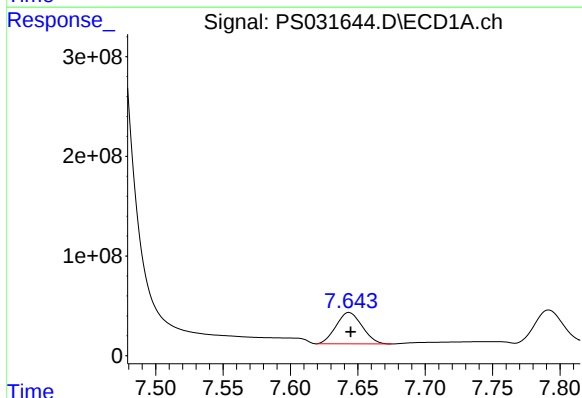
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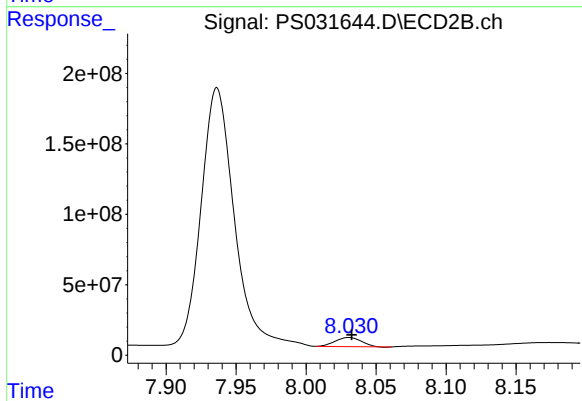
#5 DICAMBA

R.T.: 7.936 min
Delta R.T.: 0.000 min
Response: 3011556574
Conc: 479.34 ng/ml



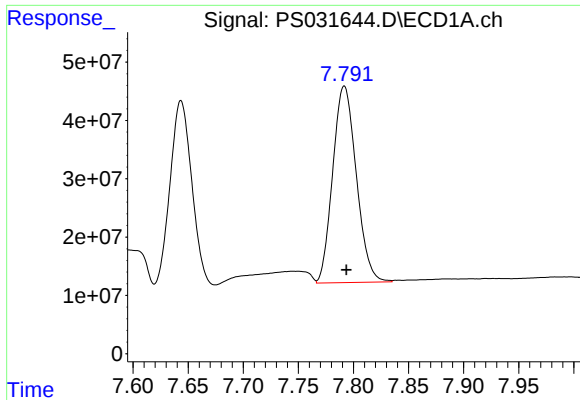
#6 MCPP

R.T.: 7.643 min
Delta R.T.: -0.001 min
Response: 425384234
Conc: 45.03 ug/ml



#6 MCPP

R.T.: 8.031 min
Delta R.T.: -0.002 min
Response: 84081292
Conc: 42.20 ug/ml



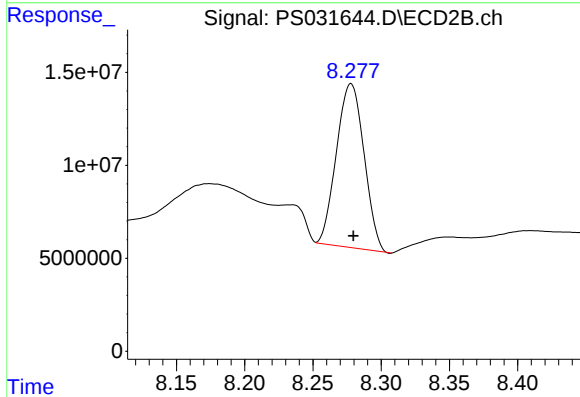
#7 MCPA

R.T.: 7.792 min
Delta R.T.: -0.002 min
Response: 501945974
Conc: 44.63 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

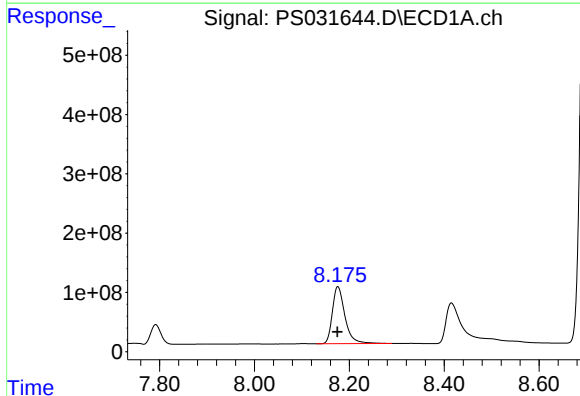
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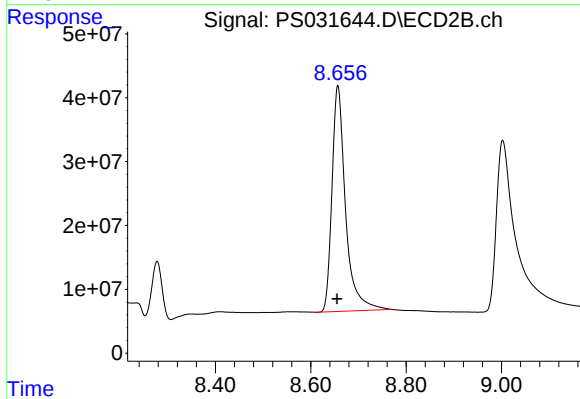
#7 MCPA

R.T.: 8.278 min
Delta R.T.: -0.002 min
Response: 124122485
Conc: 44.83 ug/ml



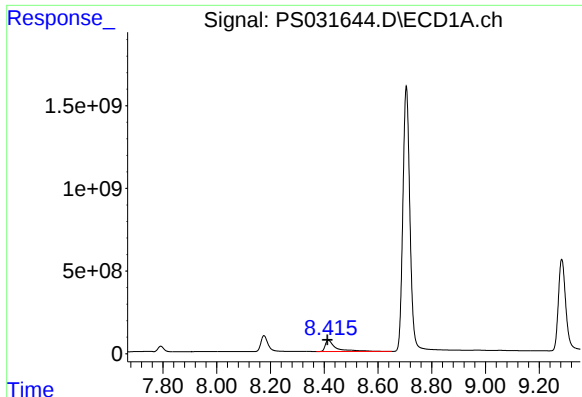
#8 DICHLORPROP

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 1766242158
Conc: 503.10 ng/ml



#8 DICHLORPROP

R.T.: 8.657 min
Delta R.T.: 0.002 min
Response: 698980465
Conc: 492.55 ng/ml



#9 2,4-D

R.T.: 8.415 min
Delta R.T.: 0.003 min
Response: 1893232108
Conc: 579.23 ng/ml

Instrument :

ECD_S

ClientSampleId :

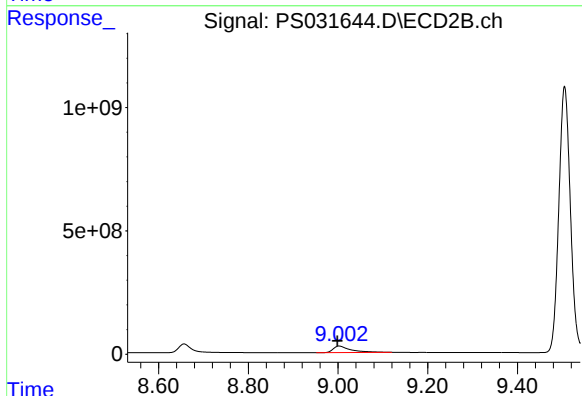
HSTDICC500

Manual Integrations

APPROVED

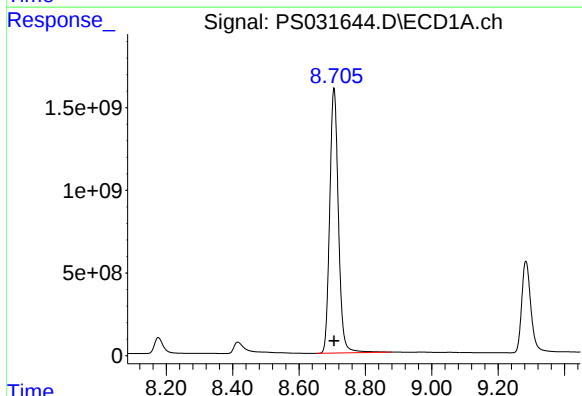
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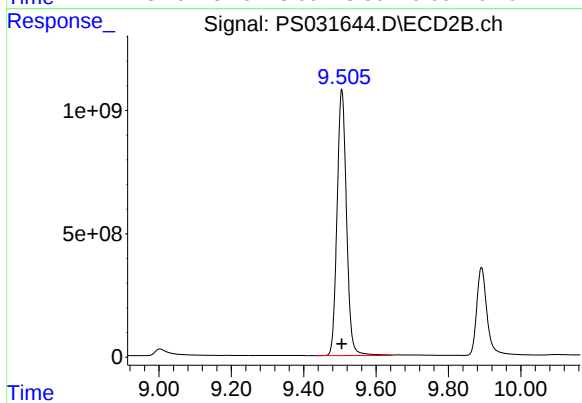
#9 2,4-D

R.T.: 9.003 min
Delta R.T.: 0.004 min
Response: 713824138
Conc: 476.09 ng/ml



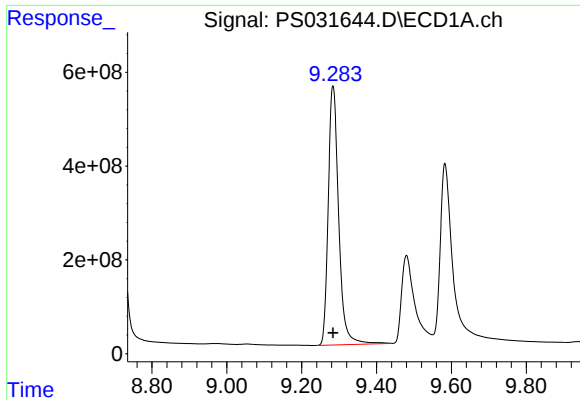
#10 Pentachlorophenol

R.T.: 8.705 min
Delta R.T.: 0.000 min
Response: 29169878702
Conc: 509.63 ng/ml



#10 Pentachlorophenol

R.T.: 9.505 min
Delta R.T.: 0.000 min
Response: 19578302419
Conc: 490.51 ng/ml



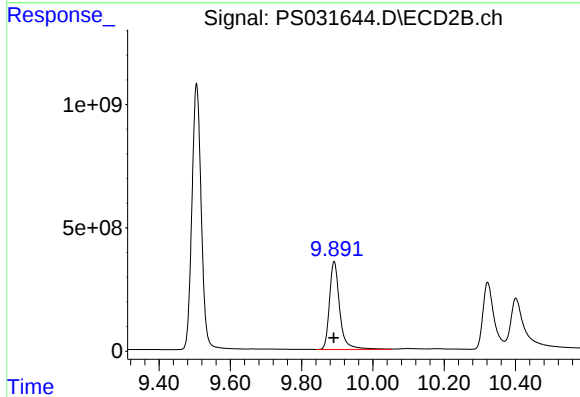
#11 2,4,5-TP (SILVEX)

R.T.: 9.284 min
Delta R.T.: 0.000 min
Response: 10695262296
Conc: 506.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

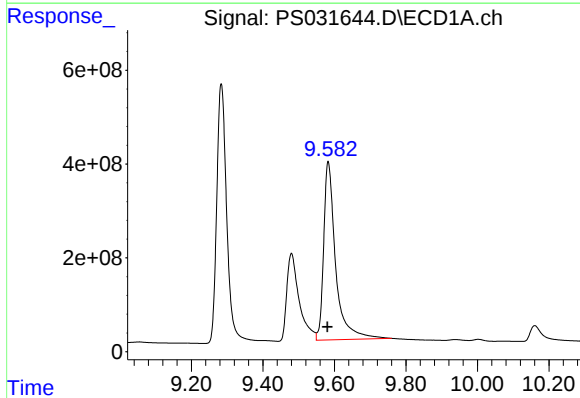
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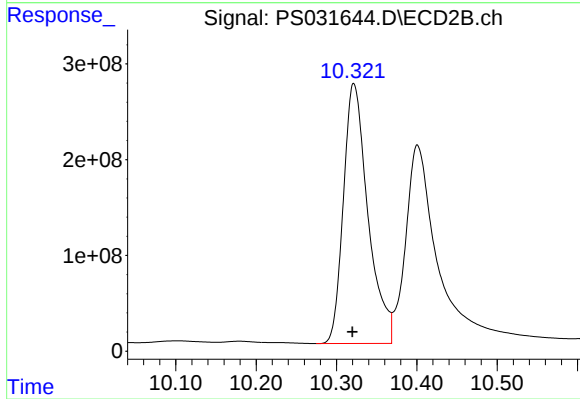
#11 2,4,5-TP (SILVEX)

R.T.: 9.891 min
Delta R.T.: 0.001 min
Response: 7122189962
Conc: 491.96 ng/ml



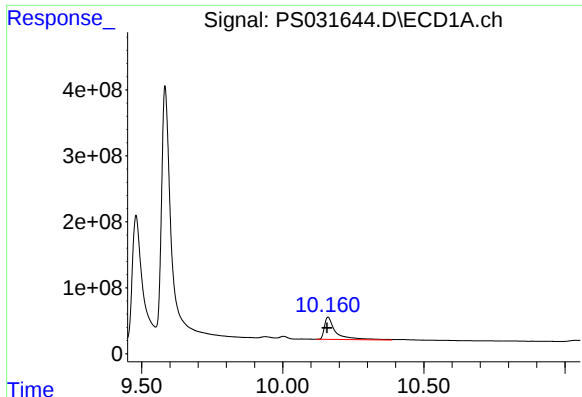
#12 2,4,5-T

R.T.: 9.583 min
Delta R.T.: 0.002 min
Response: 8852298048
Conc: 488.00 ng/ml



#12 2,4,5-T

R.T.: 10.322 min
Delta R.T.: 0.002 min
Response: 5769122951
Conc: 470.30 ng/ml



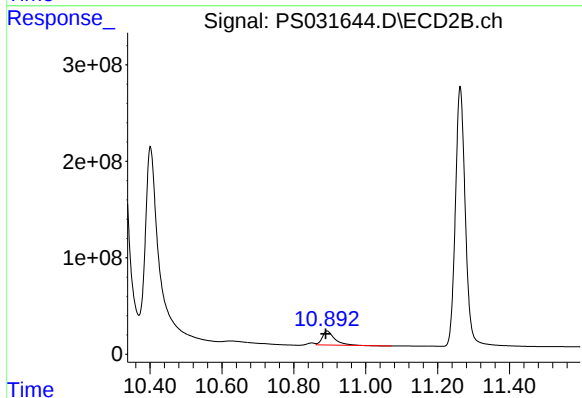
#13 2,4-DB

R.T.: 10.160 min
Delta R.T.: 0.004 min
Response: 953573257
Conc: 472.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

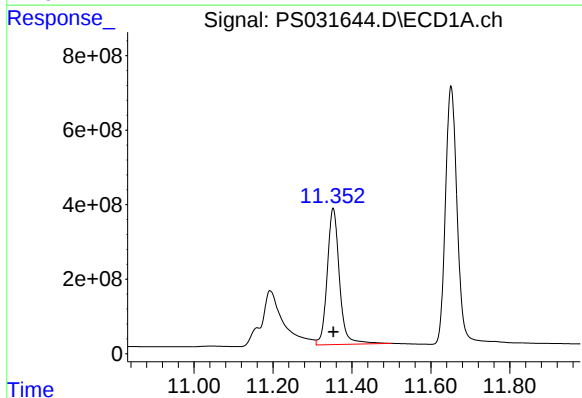
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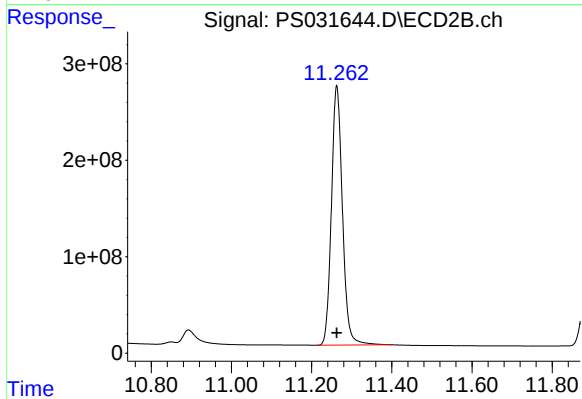
#13 2,4-DB

R.T.: 10.893 min
Delta R.T.: 0.004 min
Response: 343604400
Conc: 417.76 ng/ml



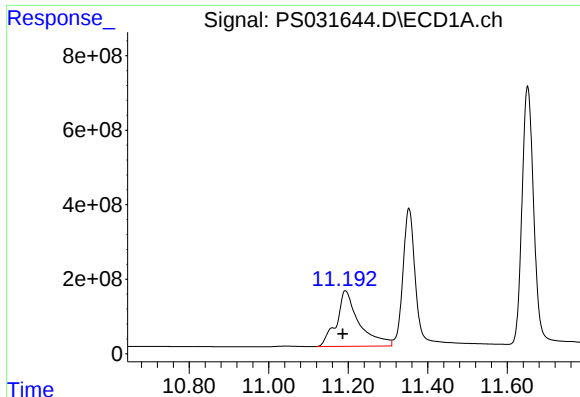
#14 DINOSEB

R.T.: 11.352 min
Delta R.T.: 0.000 min
Response: 7869466543
Conc: 498.26 ng/ml



#14 DINOSEB

R.T.: 11.263 min
Delta R.T.: 0.000 min
Response: 5136982063
Conc: 483.72 ng/ml



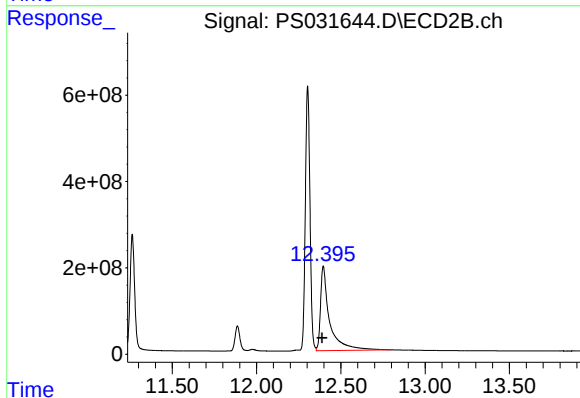
#15 Picloram

R.T.: 11.192 min
Delta R.T.: 0.005 min
Response: 5927113746
Conc: 451.81 ng/ml

Instrument :
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ClientSampleId :
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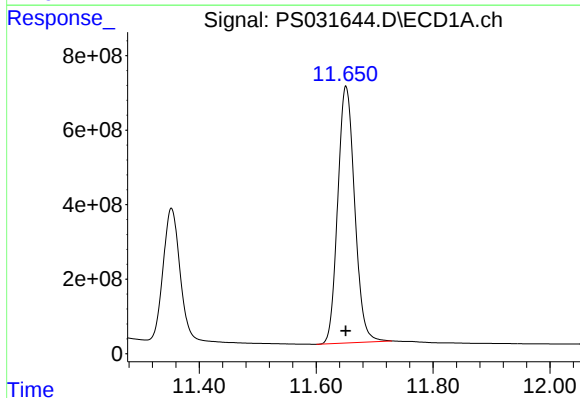
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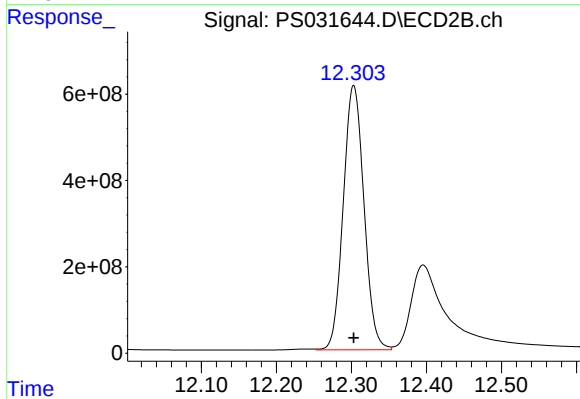
#15 Picloram

R.T.: 12.396 min
Delta R.T.: 0.007 min
Response: 7344835648
Conc: 428.84 ng/ml



#16 DCPA

R.T.: 11.651 min
Delta R.T.: 0.000 min
Response: 13840234238
Conc: 511.12 ng/ml



#16 DCPA

R.T.: 12.303 min
Delta R.T.: 0.000 min
Response: 11739205924
Conc: 496.26 ng/ml