

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080725\
 Data File : PS031383.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2025 13:38
 Operator : AR\AJ
 Sample : HSTDICC1500
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC1500

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/08/2025
 Supervised By :mohammad ahmed 08/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 08 03:12:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:11:03 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	7.293	7.746	4300.6E6	1207.0E6	1385.909	1451.003
Target Compounds							
1) T	Dalapon	2.675	2.695	6571.4E6	3354.7E6	1282.748	1295.259
2) T	3,5-DICHL...	6.459	6.696	5991.0E6	1757.4E6	1294.004	1325.654
3) T	4-Nitroph...	7.094	7.284	1321.9E6	1866.5E6	1275.258	1470.093m
5) T	DICAMBA	7.480	7.946	18333.3E6	7834.1E6	1327.348	1386.217
6) T	MCPD	7.663	8.048	1283.0E6	264.1E6	151.602	142.200
7) T	MCPA	7.813	8.298	1498.1E6	387.4E6	147.916	134.444
8) T	DICHLORPROP	8.188	8.665	4076.4E6	1756.7E6	1326.622	1348.210
9) T	2,4-D	8.421	9.002	3828.8E6	1864.9E6	1390.203	1315.572
10) T	Pentachlo...	8.730	9.516	51861.9E6	44106.6E6	1034.094	1242.198
11) T	2,4,5-TP ...	9.298	9.901	24128.8E6	17673.8E6	1347.386	1350.223
12) T	2,4,5-T	9.593	10.329	21009.4E6	16473.4E6	1423.670	1387.004
13) T	2,4-DB	10.167	10.896	2944.9E6	1348.9E6	1521.765	1412.360
14) T	DINOSEB	11.372	11.277	17259.4E6	12812.8E6	1352.227	1347.159
15) T	Picloram	11.192	12.390	20782.9E6	28274.2E6	1577.444	1567.574
16) T	DCPA	11.672	12.319	31189.0E6	27119.8E6	1361.610	1367.066

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

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Acq On : 07 Aug 2025 13:38
Operator : AR\AJ
Sample : HSTDICC1500
Misc :
ALS Vial : 7 Sample Multiplier: 1

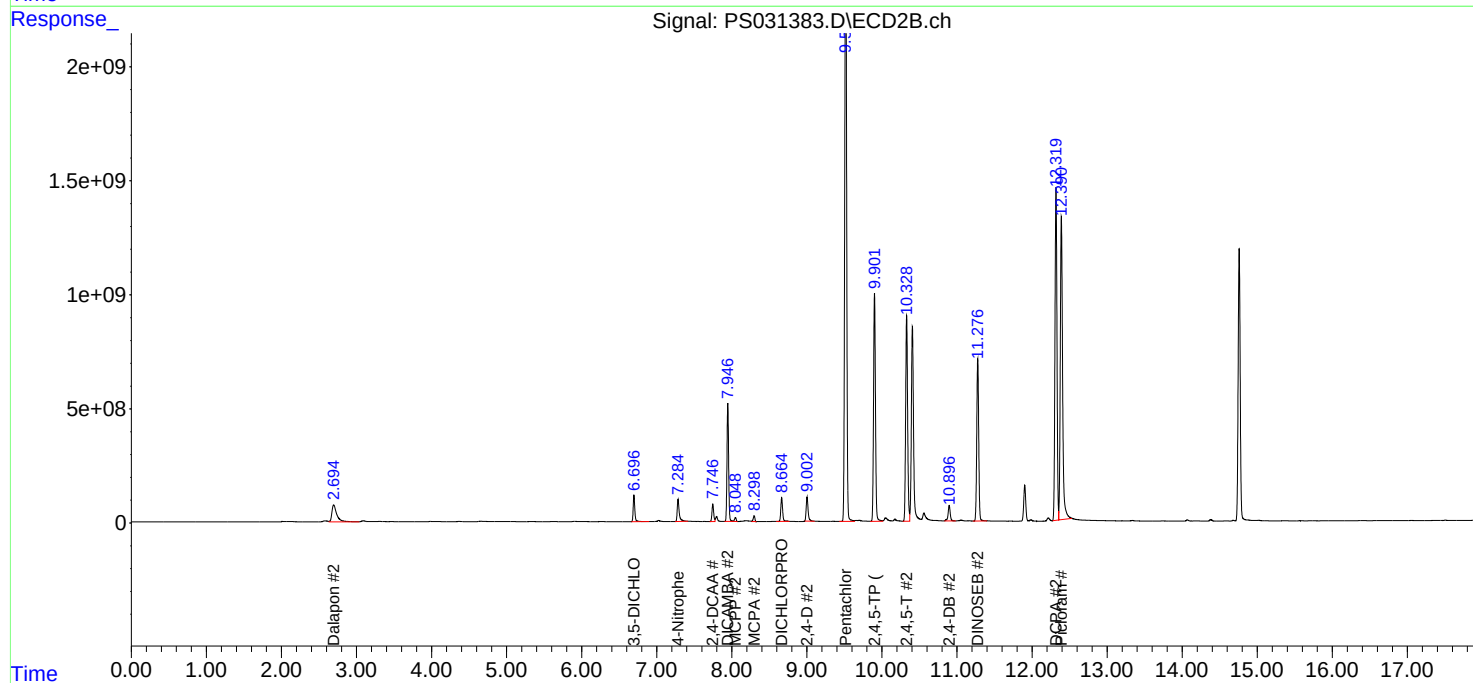
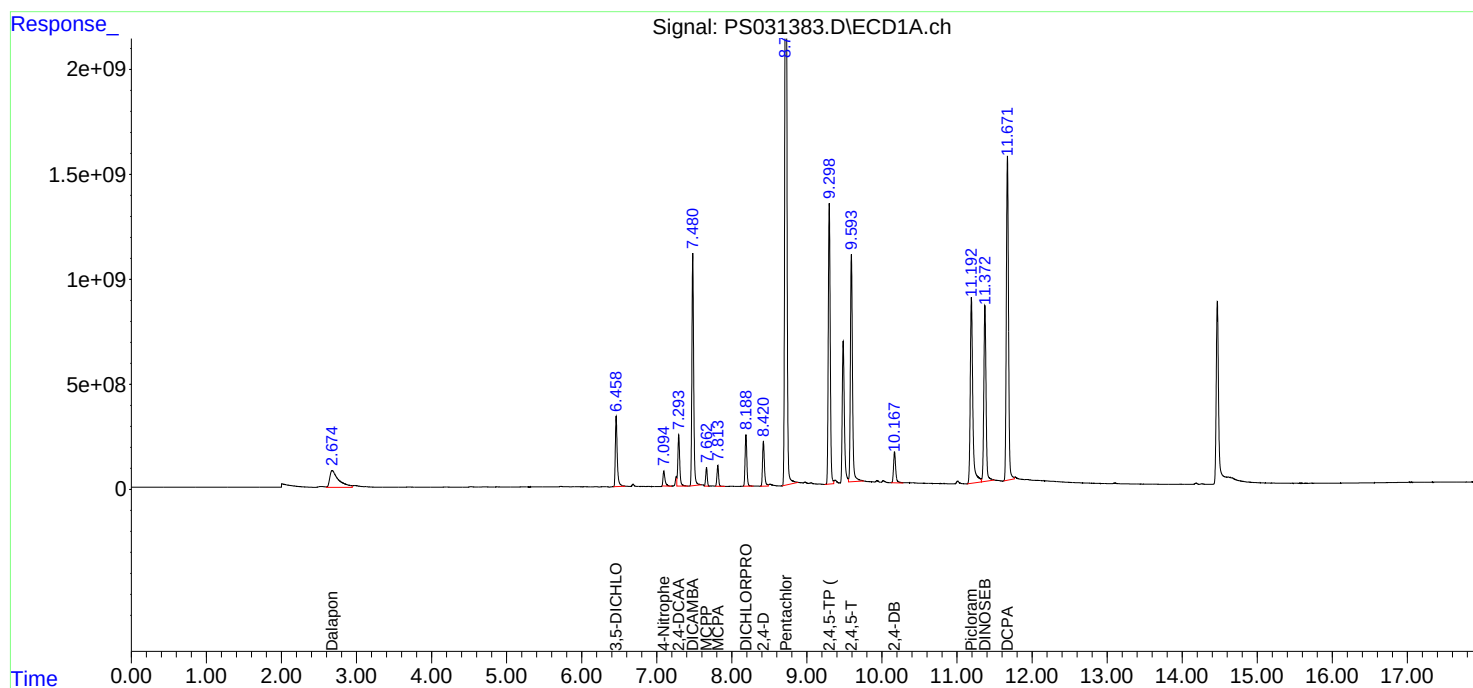
Instrument :
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ClientSampleId :
HSTDICC1500

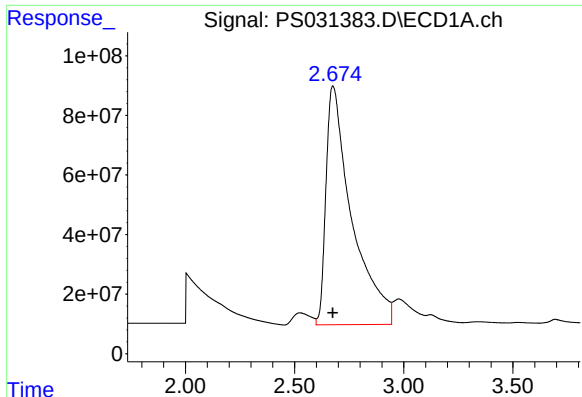
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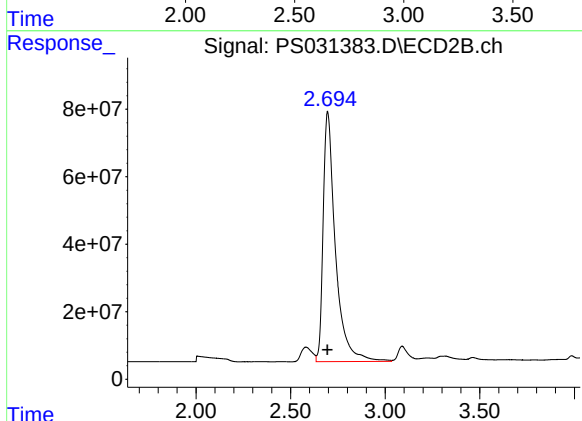
#1 Dalapon

R.T.: 2.675 min
Delta R.T.: 0.000 min
Response: 6571423644
Conc: 1282.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

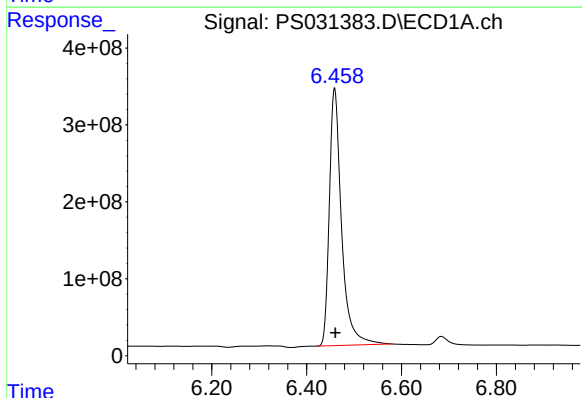
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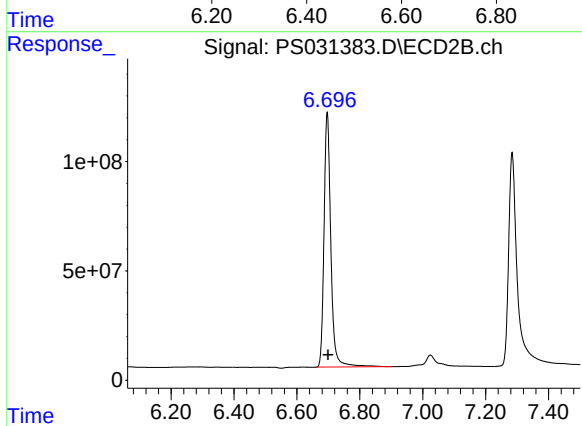
#1 Dalapon

R.T.: 2.695 min
Delta R.T.: 0.000 min
Response: 3354708310
Conc: 1295.26 ng/ml



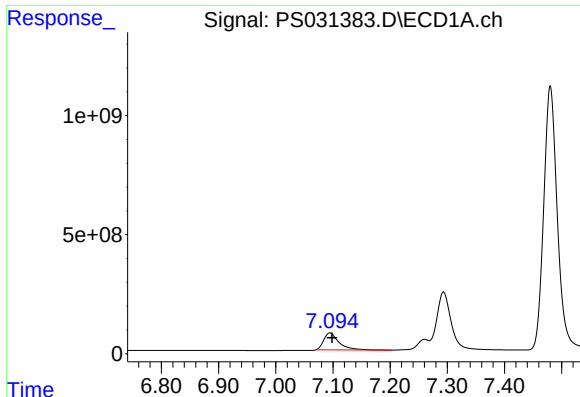
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.459 min
Delta R.T.: -0.002 min
Response: 5990996351
Conc: 1294.00 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: -0.002 min
Response: 1757375989
Conc: 1325.65 ng/ml



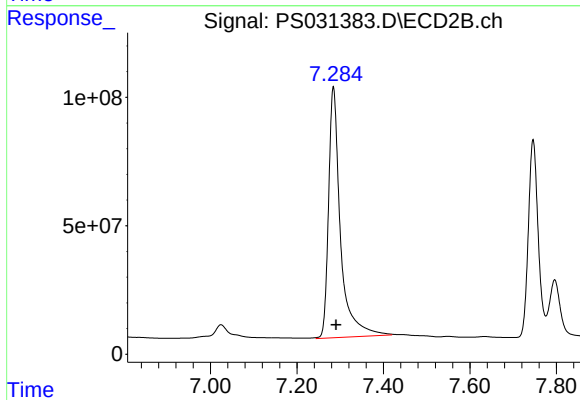
#3 4-Nitrophenol

R.T.: 7.094 min
Delta R.T.: -0.004 min
Response: 1321875892
Conc: 1275.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

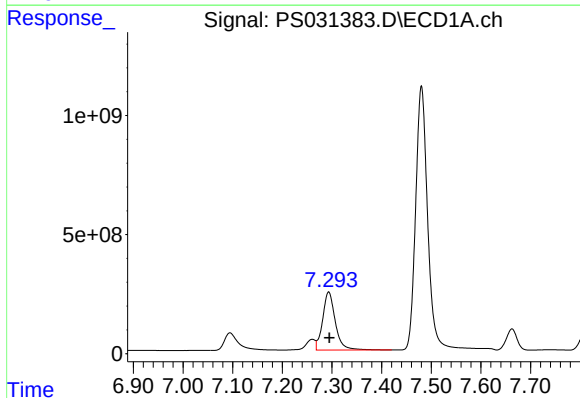
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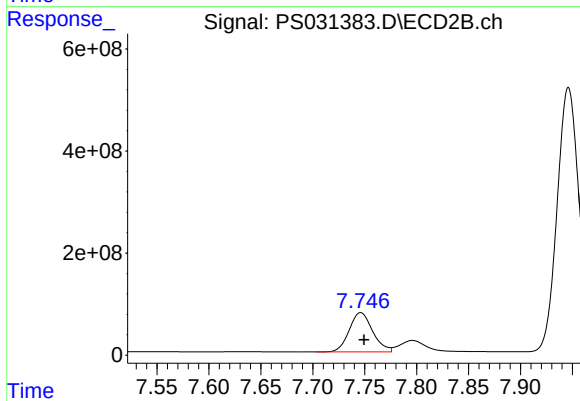
#3 4-Nitrophenol

R.T.: 7.284 min
Delta R.T.: -0.007 min
Response: 1866506809
Conc: 1470.09 ng/ml m



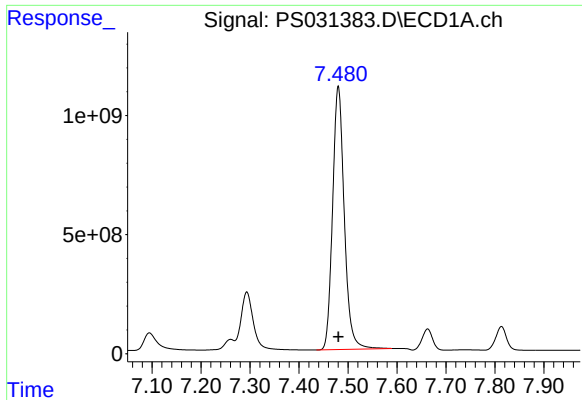
#4 2,4-DCAA

R.T.: 7.293 min
Delta R.T.: -0.001 min
Response: 4300621501
Conc: 1385.91 ng/ml



#4 2,4-DCAA

R.T.: 7.746 min
Delta R.T.: -0.003 min
Response: 1206979814
Conc: 1451.00 ng/ml



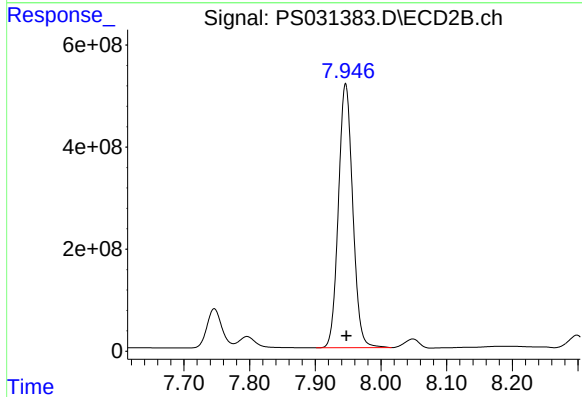
#5 DICAMBA

R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 18333278288
Conc: 1327.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

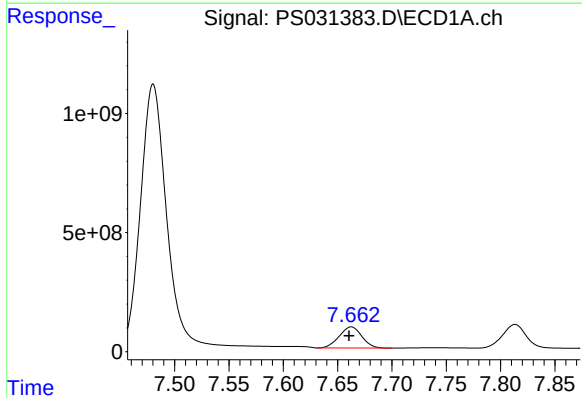
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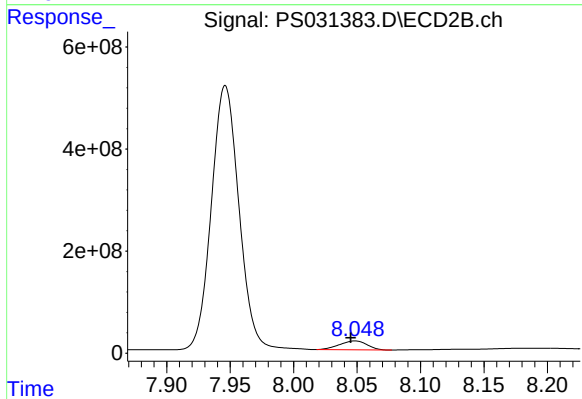
#5 DICAMBA

R.T.: 7.946 min
Delta R.T.: -0.001 min
Response: 7834122837
Conc: 1386.22 ng/ml



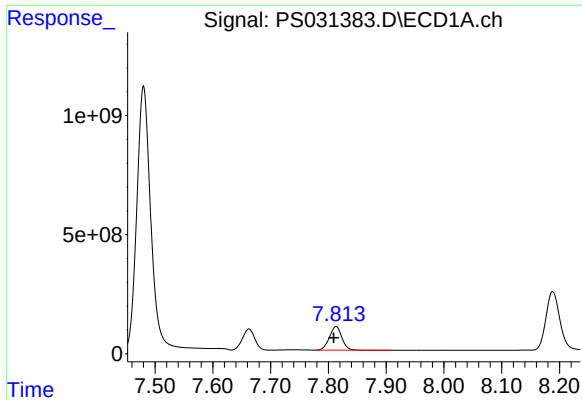
#6 MCPP

R.T.: 7.663 min
Delta R.T.: 0.002 min
Response: 1283034464
Conc: 151.60 ug/ml



#6 MCPP

R.T.: 8.048 min
Delta R.T.: 0.003 min
Response: 264116324
Conc: 142.20 ug/ml



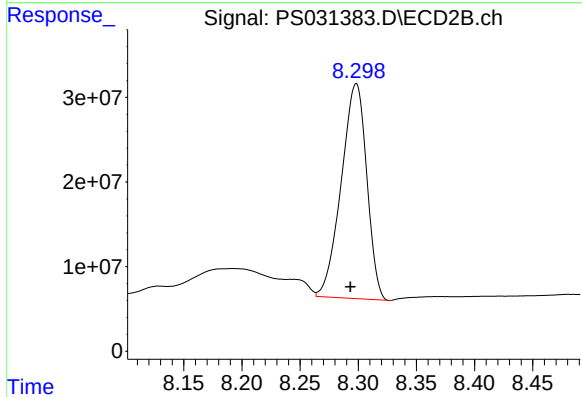
#7 MCPA

R.T.: 7.813 min
Delta R.T.: 0.004 min
Response: 1498055156
Conc: 147.92 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

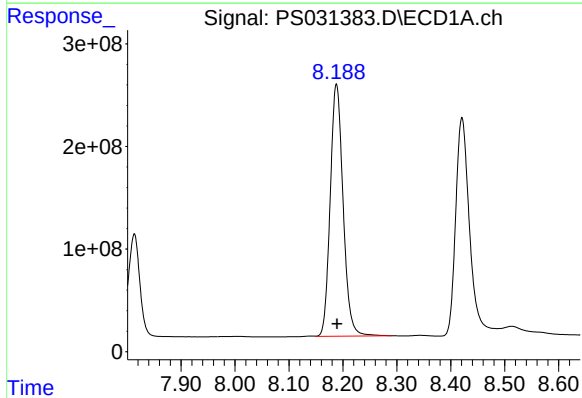
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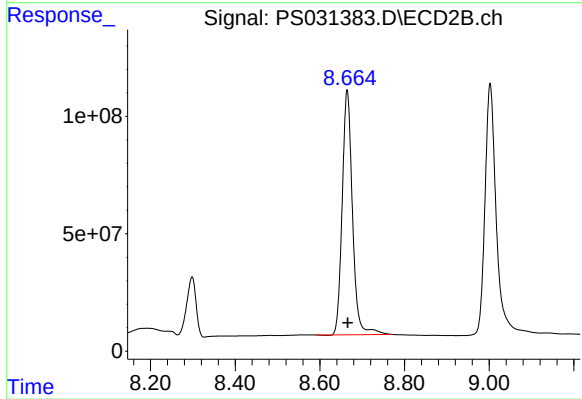
#7 MCPA

R.T.: 8.298 min
Delta R.T.: 0.005 min
Response: 387396802
Conc: 134.44 ug/ml



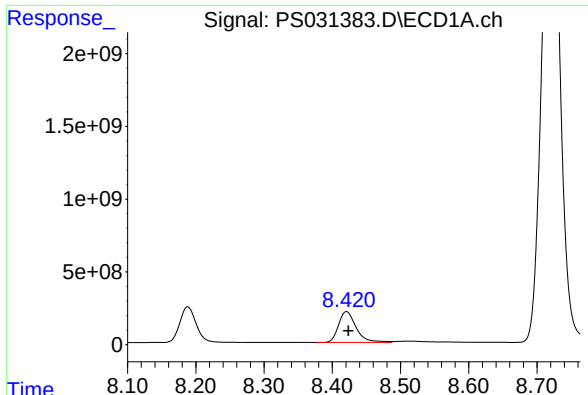
#8 DICHLORPROP

R.T.: 8.188 min
Delta R.T.: -0.001 min
Response: 4076445938
Conc: 1326.62 ng/ml



#8 DICHLORPROP

R.T.: 8.665 min
Delta R.T.: -0.001 min
Response: 1756709502
Conc: 1348.21 ng/ml



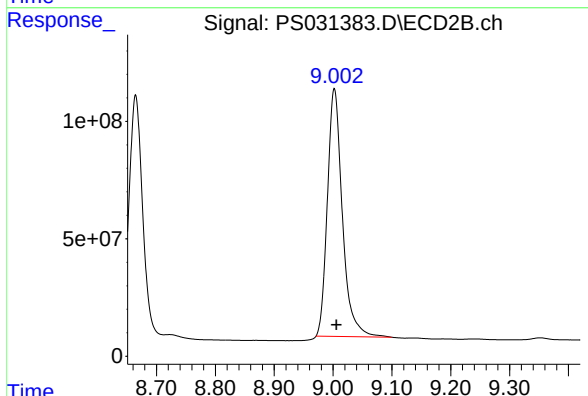
#9 2,4-D

R.T.: 8.421 min
Delta R.T.: -0.003 min
Response: 3828761541
Conc: 1390.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

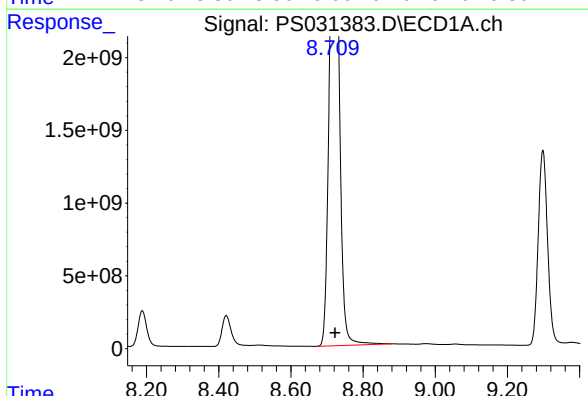
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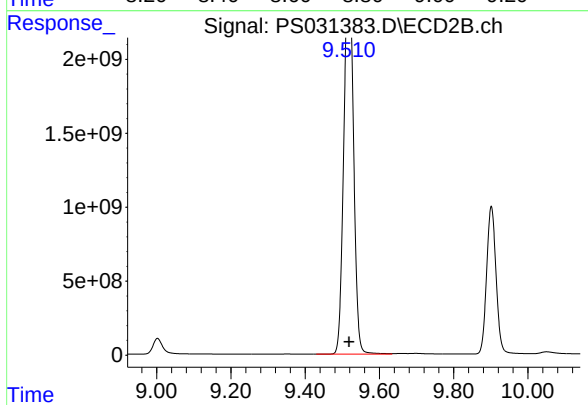
#9 2,4-D

R.T.: 9.002 min
Delta R.T.: -0.003 min
Response: 1864890627
Conc: 1315.57 ng/ml



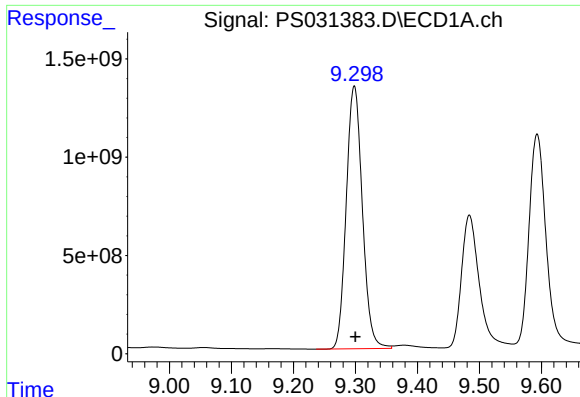
#10 Pentachlorophenol

R.T.: 8.730 min
Delta R.T.: 0.007 min
Response: 51861878538
Conc: 1034.09 ng/ml



#10 Pentachlorophenol

R.T.: 9.516 min
Delta R.T.: -0.002 min
Response: 44106560330
Conc: 1242.20 ng/ml



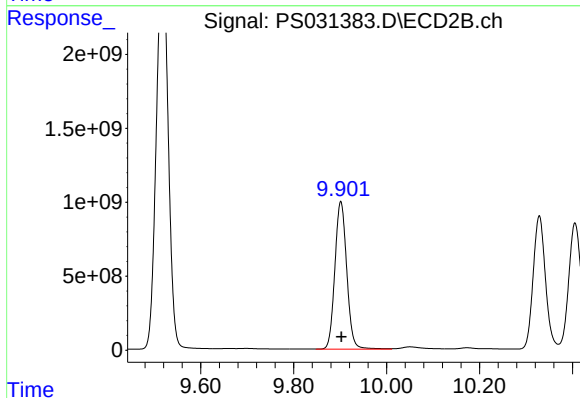
#11 2,4,5-TP (SILVEX)

R.T.: 9.298 min
Delta R.T.: -0.002 min
Response: 24128775156
Conc: 1347.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

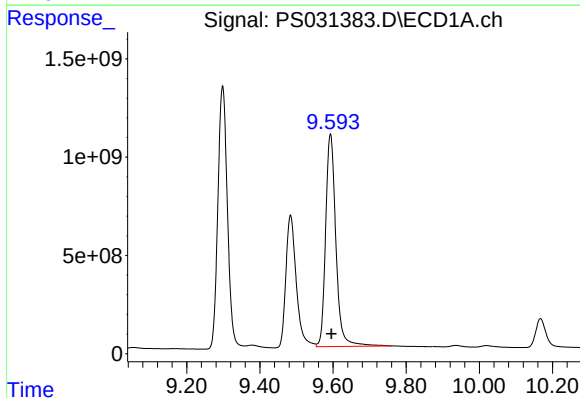
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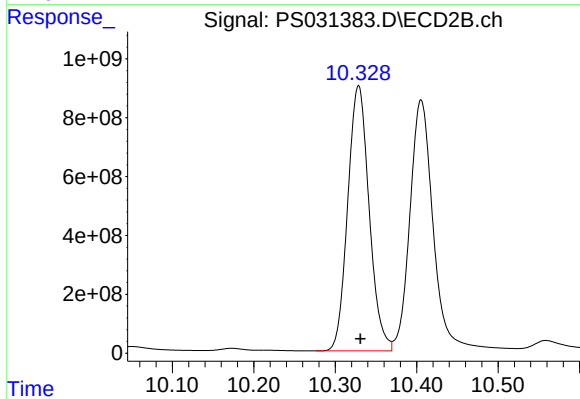
#11 2,4,5-TP (SILVEX)

R.T.: 9.901 min
Delta R.T.: -0.001 min
Response: 17673781554
Conc: 1350.22 ng/ml



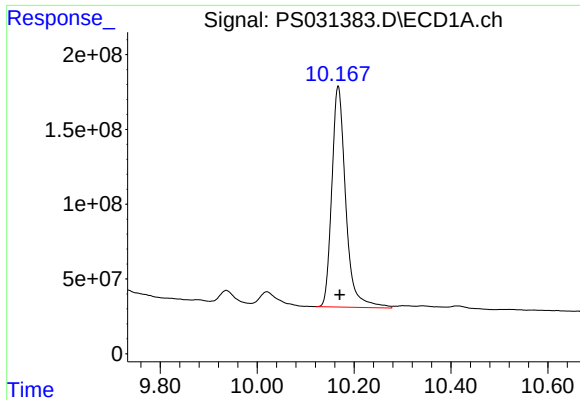
#12 2,4,5-T

R.T.: 9.593 min
Delta R.T.: -0.002 min
Response: 21009440309
Conc: 1423.67 ng/ml



#12 2,4,5-T

R.T.: 10.329 min
Delta R.T.: -0.002 min
Response: 16473371449
Conc: 1387.00 ng/ml



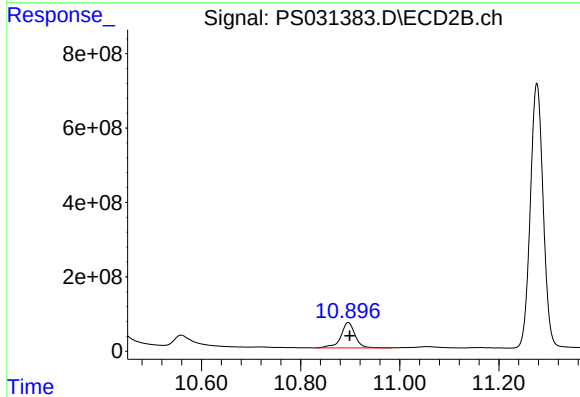
#13 2,4-DB

R.T.: 10.167 min
Delta R.T.: -0.003 min
Response: 2944921967
Conc: 1521.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

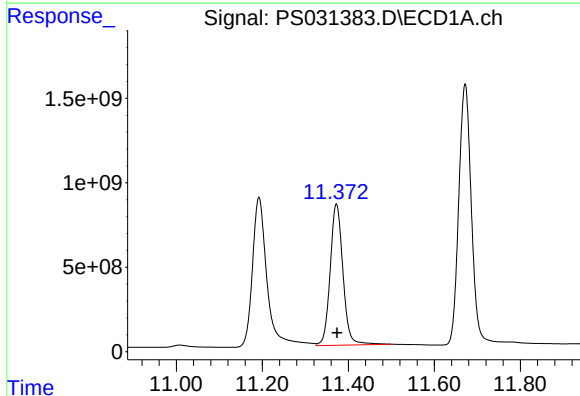
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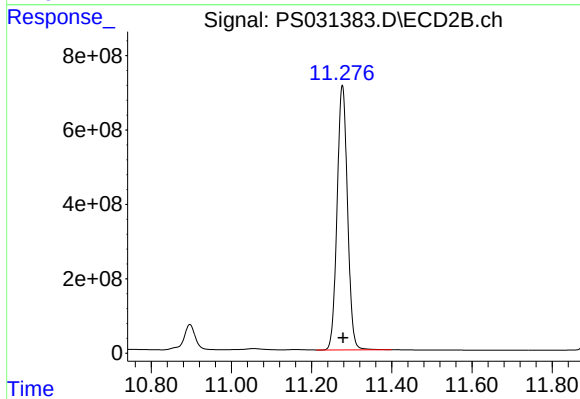
#13 2,4-DB

R.T.: 10.896 min
Delta R.T.: -0.003 min
Response: 1348917395
Conc: 1412.36 ng/ml



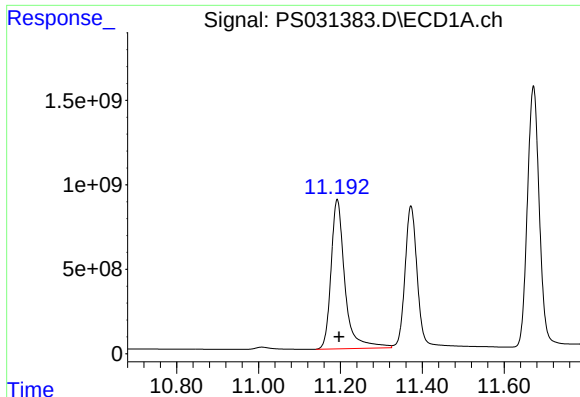
#14 DINOSEB

R.T.: 11.372 min
Delta R.T.: -0.001 min
Response: 17259444358
Conc: 1352.23 ng/ml



#14 DINOSEB

R.T.: 11.277 min
Delta R.T.: -0.002 min
Response: 12812781645
Conc: 1347.16 ng/ml



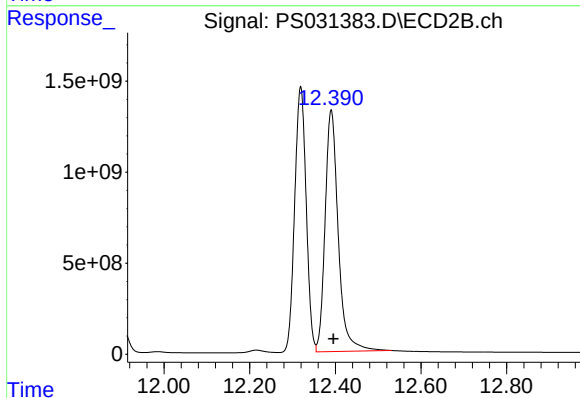
#15 Picloram

R.T.: 11.192 min
Delta R.T.: -0.005 min
Response: 20782904841
Conc: 1577.44 ng/ml

Instrument :
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ClientSampleId :
HSTDICC1500

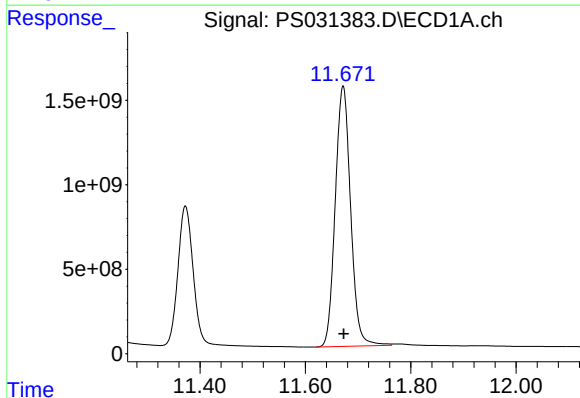
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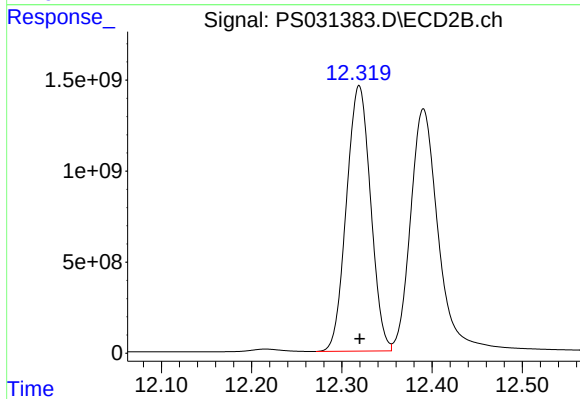
#15 Picloram

R.T.: 12.390 min
Delta R.T.: -0.005 min
Response: 28274237303
Conc: 1567.57 ng/ml



#16 DCPA

R.T.: 11.672 min
Delta R.T.: -0.001 min
Response: 31189001946
Conc: 1361.61 ng/ml



#16 DCPA

R.T.: 12.319 min
Delta R.T.: 0.000 min
Response: 27119822994
Conc: 1367.07 ng/ml