

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061625\
 Data File : PS030685.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2025 11:33
 Operator : AR\AJ
 Sample : HSTDICC1500
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC1500

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/17/2025
 Supervised By : mohammad ahmed 06/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 16 11:51:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061625.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 16 11:50:52 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 x 0.5 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	7.351	7.768	4962.8E6	1449.1E6	1329.328m	1342.182
Target Compounds							
1) T	Dalapon	2.709	2.710	7566.5E6	3498.9E6	1209.725	1243.331
2) T	3,5-DICHL...	6.510	6.713	6658.3E6	2027.0E6	1224.606	1253.012
3) T	4-Nitroph...	7.150	7.299	2047.2E6	2207.8E6	1255.775	1295.001
5) T	DICAMBA	7.542	7.971	19900.1E6	8717.4E6	1271.935	1314.740
6) T	MCP	7.728	8.075	1454.0E6	313.6E6	152.874	142.474
7) T	MCPA	7.880	8.325	1715.5E6	449.3E6	143.956	140.136
8) T	DICHLORPROP	8.256	8.690	4505.3E6	1924.3E6	1225.830	1255.758
9) T	2,4-D	8.489	9.025	4392.7E6	2120.6E6	1291.838	1264.946
10) T	Pentachlo...	8.803	9.553	52523.2E6	45159.8E6	1016.112	1191.003
11) T	2,4,5-TP ...	9.378	9.932	25977.1E6	18348.1E6	1298.412	1278.202
12) T	2,4,5-T	9.672	10.357	22738.0E6	17743.5E6	1367.447	1286.827
13) T	2,4-DB	10.251	10.925	3523.2E6	1533.6E6	1425.728	1292.521
14) T	DINOSEB	11.471	11.311	18419.9E6	14215.0E6	1300.713	1297.302
15) T	Picloram	11.278	12.418	23869.1E6	32430.5E6	1429.614	1352.633
16) T	DCPA	11.767	12.354	34239.6E6	27763.8E6	1318.167	1294.984m

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

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Acq On : 16 Jun 2025 11:33
Operator : AR\AJ
Sample : HSTDICC1500
Misc :
ALS Vial : 7 Sample Multiplier: 1

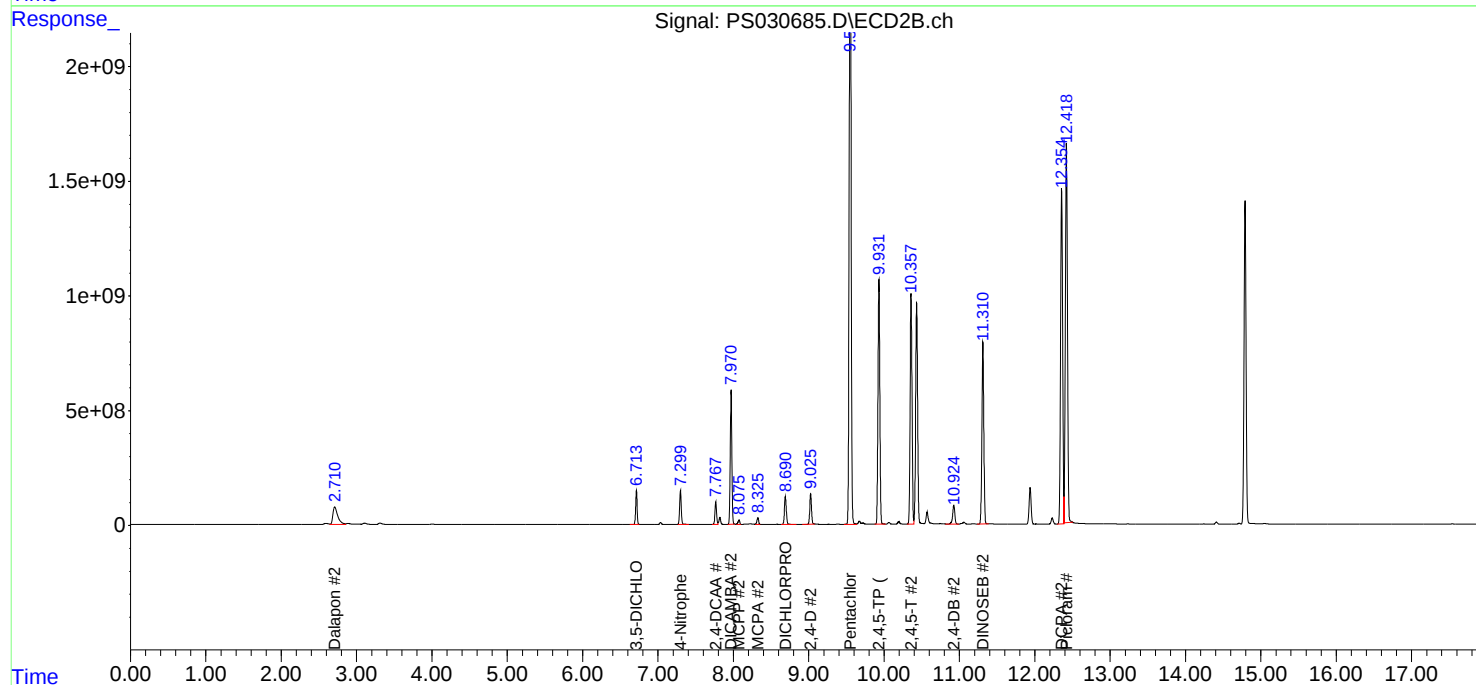
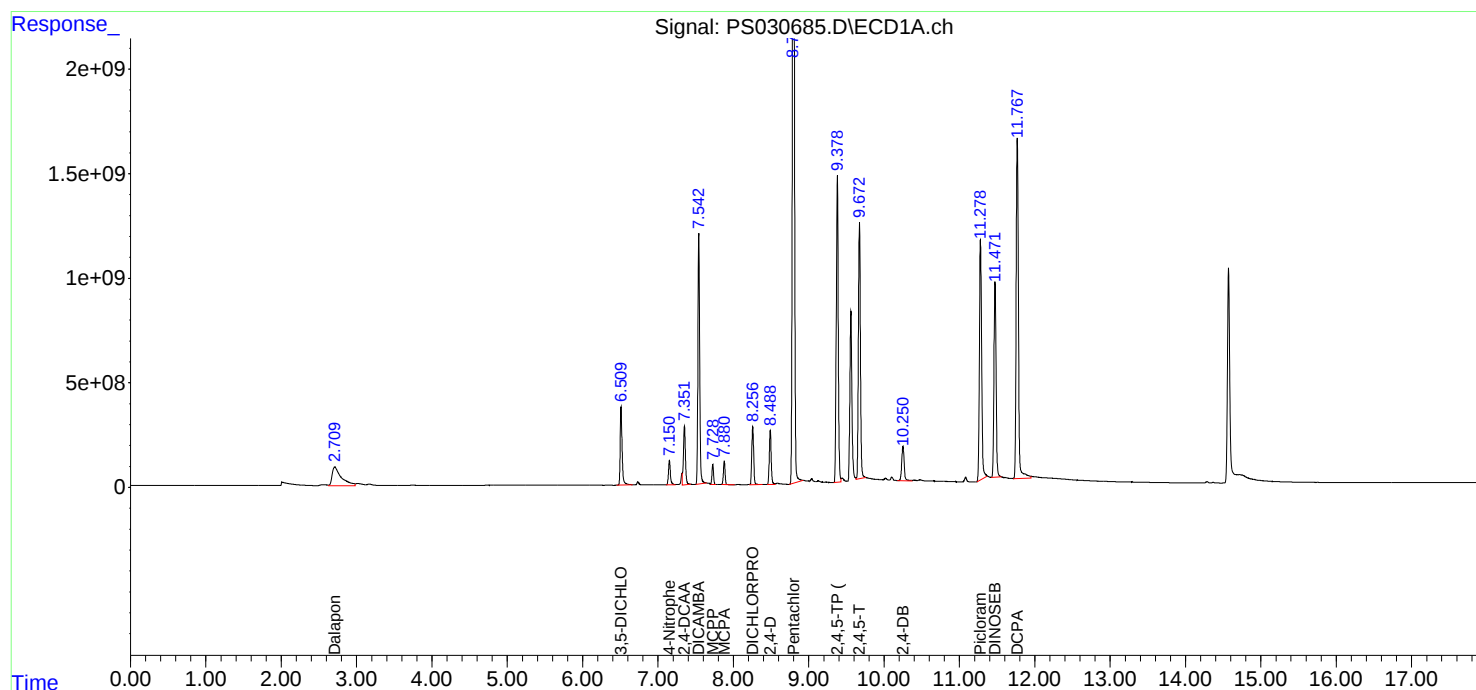
Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

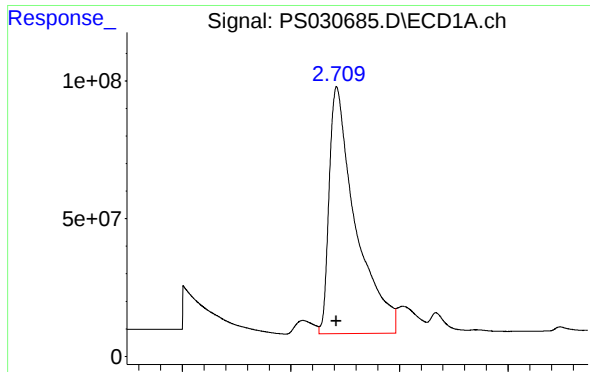
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Integration File signal 1: autoint1.e
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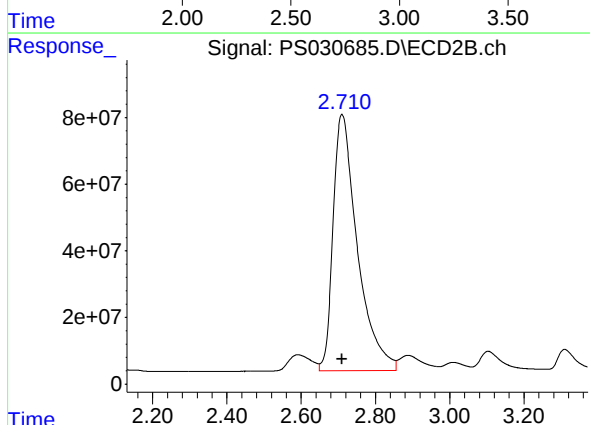
#1 Dalapon

R.T.: 2.709 min
Delta R.T.: 0.000 min
Response: 7566528048
Conc: 1209.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

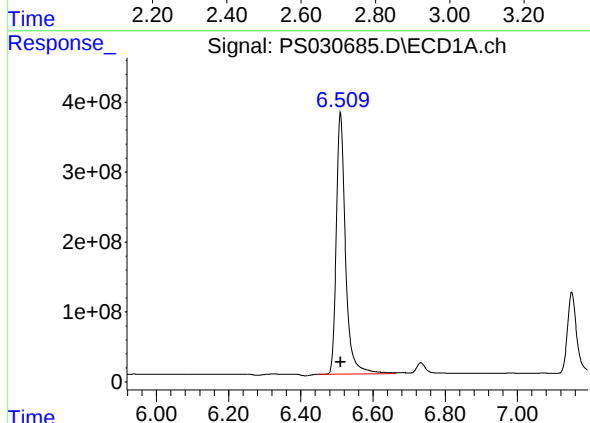
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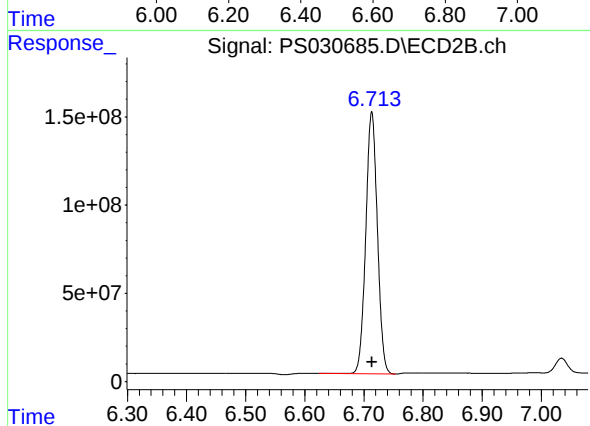
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.000 min
Response: 3498934666
Conc: 1243.33 ng/ml



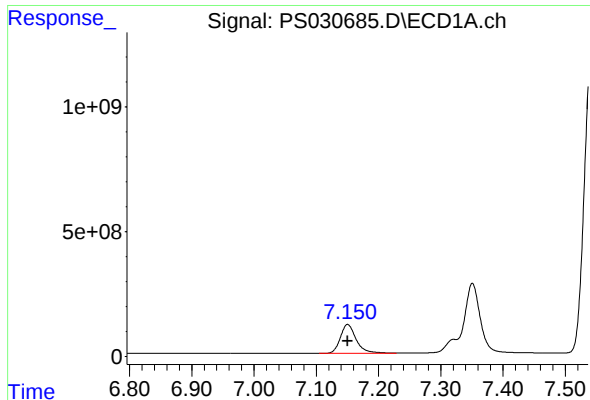
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.510 min
Delta R.T.: 0.000 min
Response: 6658251404
Conc: 1224.61 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 2026973360
Conc: 1253.01 ng/ml



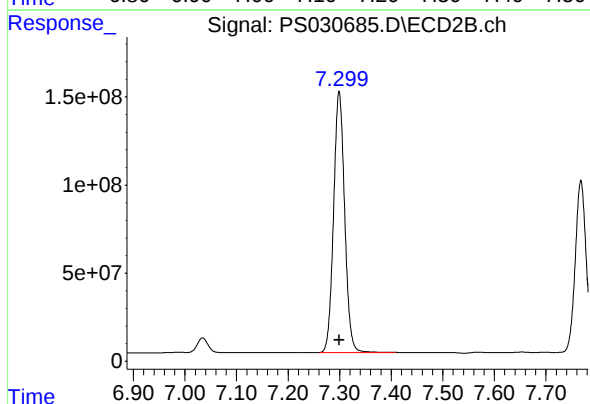
#3 4-Nitrophenol

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 2047225485
Conc: 1255.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

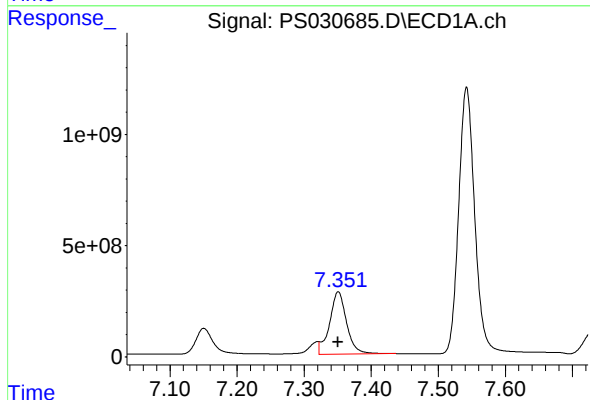
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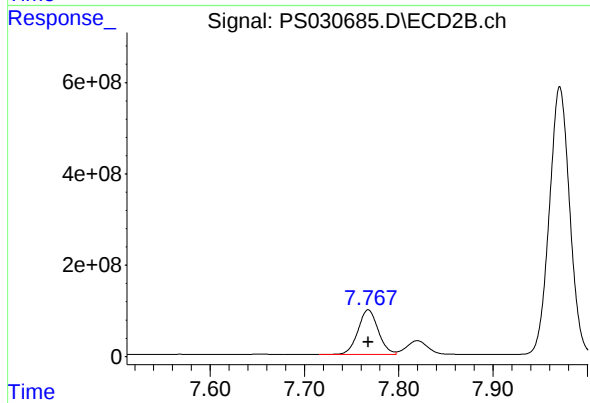
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 2207777941
Conc: 1295.00 ng/ml



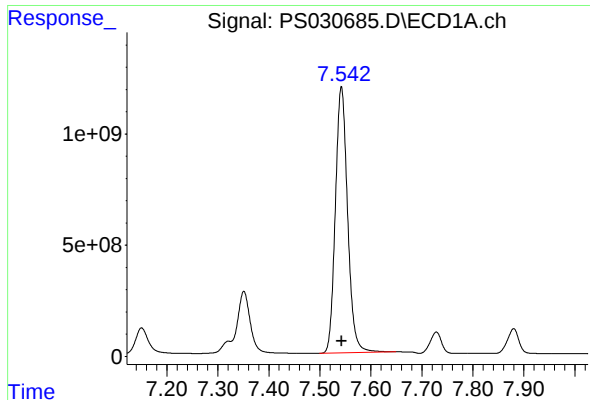
#4 2,4-DCAA

R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 4962823619
Conc: 1329.33 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 1449141995
Conc: 1342.18 ng/ml



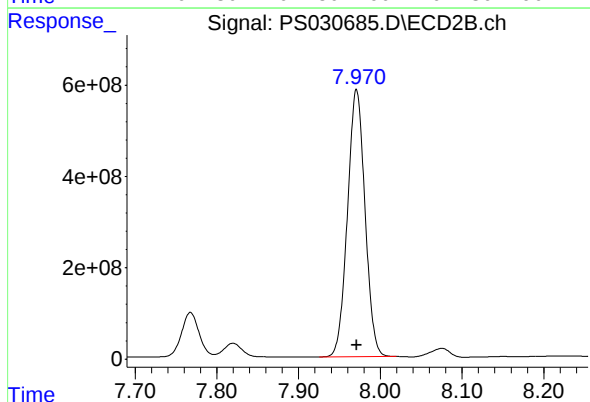
#5 DICAMBA

R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 19900147396
Conc: 1271.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

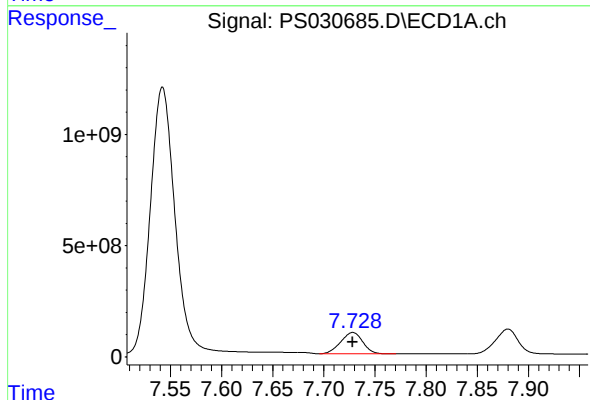
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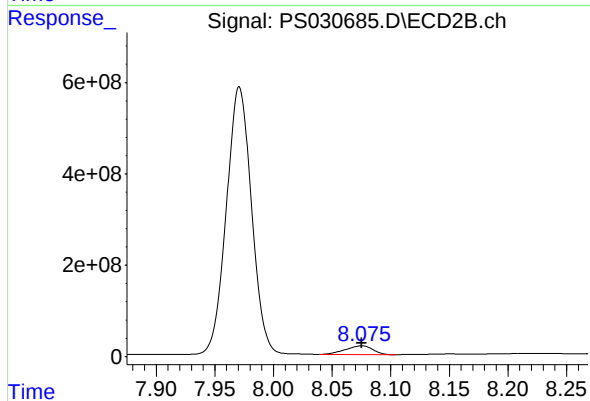
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 8717396520
Conc: 1314.74 ng/ml



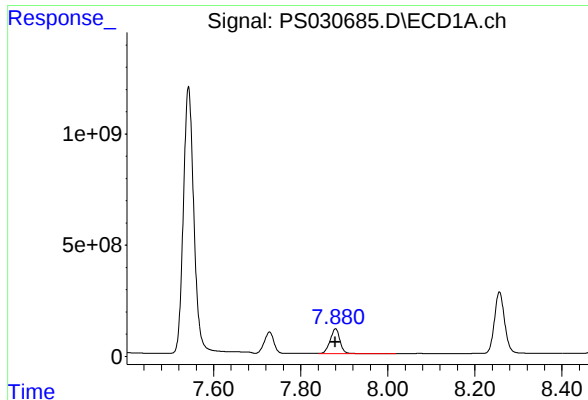
#6 MCPP

R.T.: 7.728 min
Delta R.T.: 0.000 min
Response: 1453962207
Conc: 152.87 ug/ml



#6 MCPP

R.T.: 8.075 min
Delta R.T.: 0.000 min
Response: 313639536
Conc: 142.47 ug/ml



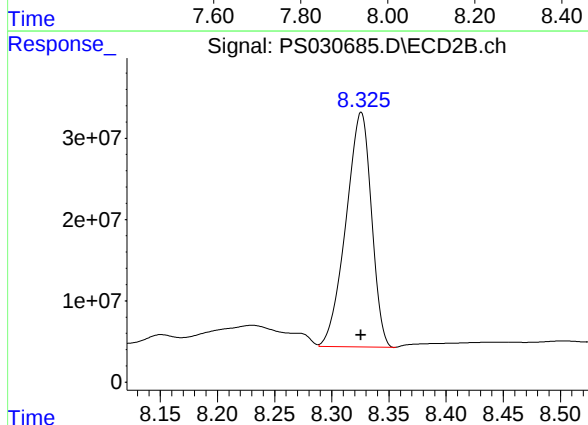
#7 MCPA

R.T.: 7.880 min
Delta R.T.: 0.000 min
Response: 1715545863
Conc: 143.96 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

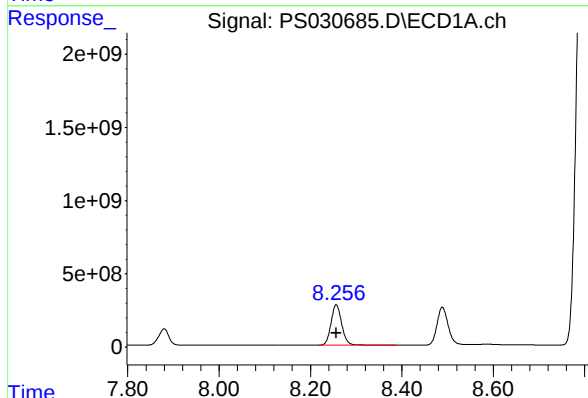
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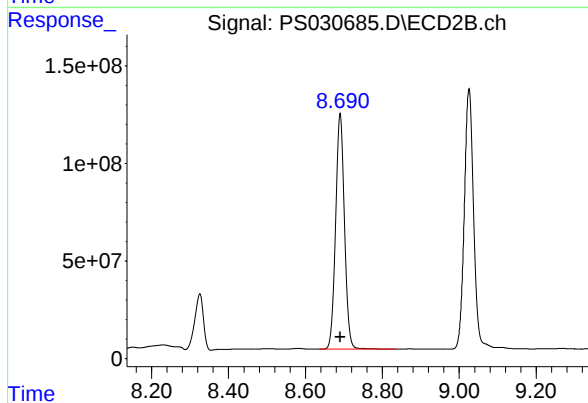
#7 MCPA

R.T.: 8.325 min
Delta R.T.: 0.000 min
Response: 449288184
Conc: 140.14 ug/ml



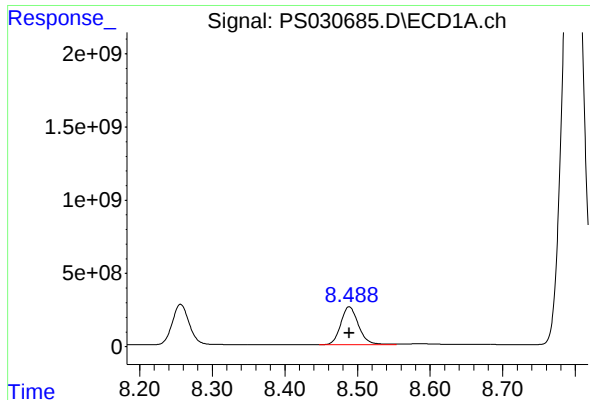
#8 DICHLORPROP

R.T.: 8.256 min
Delta R.T.: 0.000 min
Response: 4505261754
Conc: 1225.83 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 1924281791
Conc: 1255.76 ng/ml



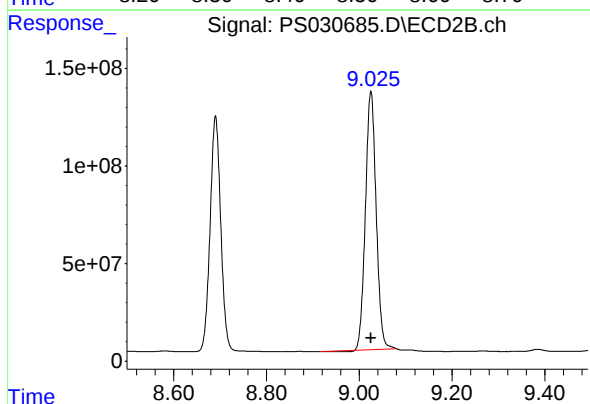
#9 2,4-D

R.T.: 8.489 min
Delta R.T.: 0.000 min
Response: 4392717833
Conc: 1291.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

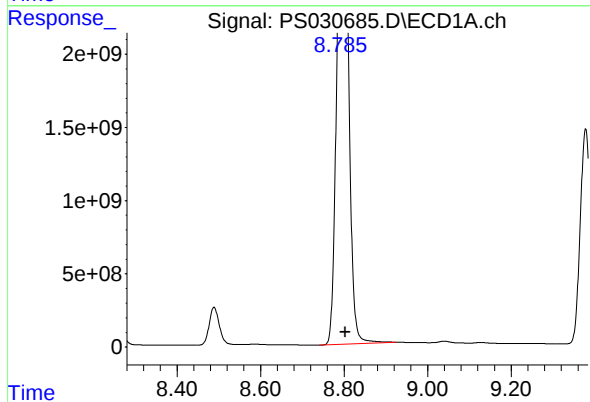
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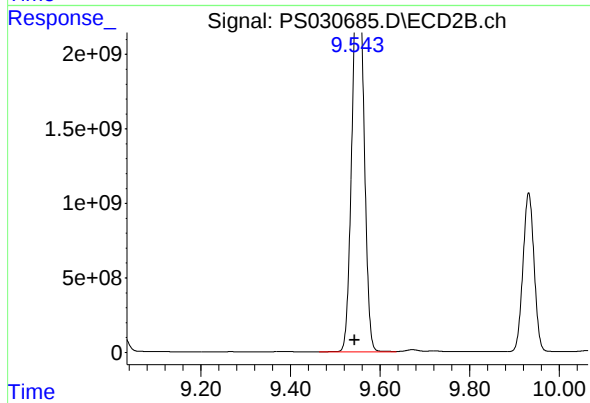
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 2120613180
Conc: 1264.95 ng/ml



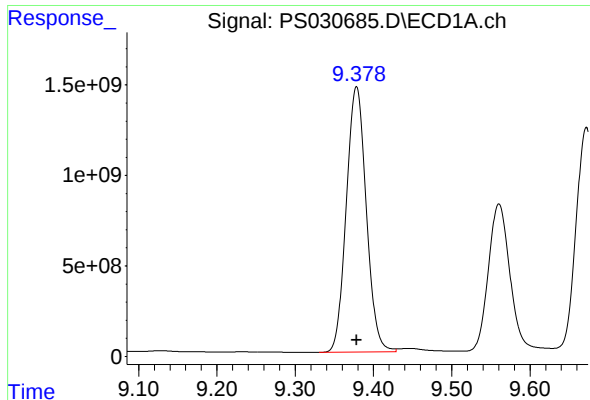
#10 Pentachlorophenol

R.T.: 8.803 min
Delta R.T.: 0.000 min
Response: 52523176165
Conc: 1016.11 ng/ml



#10 Pentachlorophenol

R.T.: 9.553 min
Delta R.T.: 0.010 min
Response: 45159775732
Conc: 1191.00 ng/ml



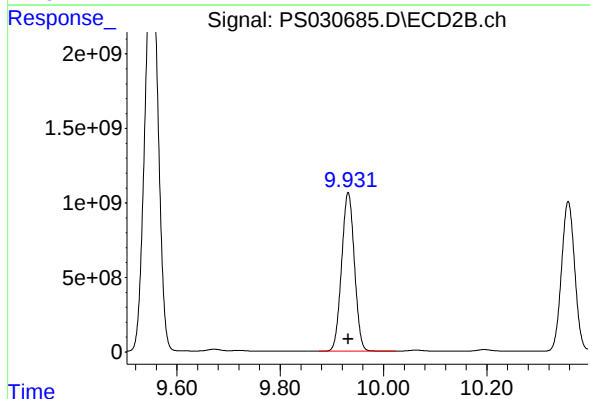
#11 2,4,5-TP (SILVEX)

R.T.: 9.378 min
Delta R.T.: 0.000 min
Response: 25977098870
Conc: 1298.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

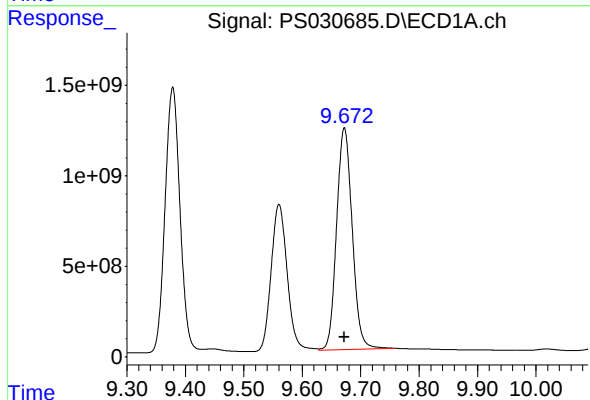
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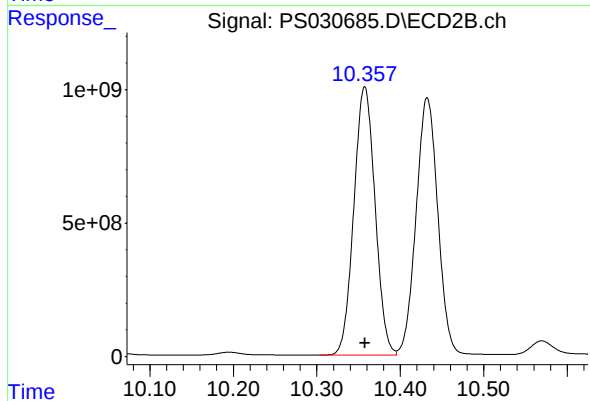
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 18348080463
Conc: 1278.20 ng/ml



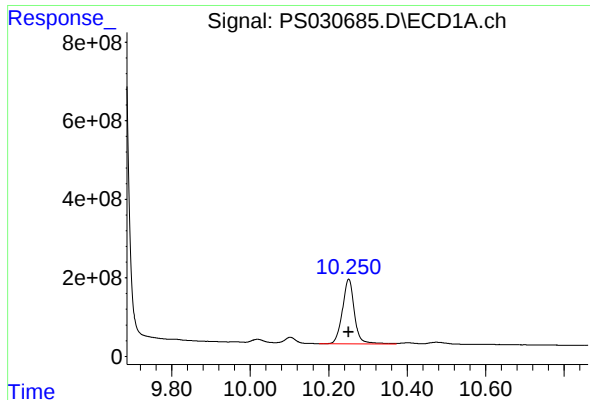
#12 2,4,5-T

R.T.: 9.672 min
Delta R.T.: 0.000 min
Response: 22737962636
Conc: 1367.45 ng/ml



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: 0.000 min
Response: 17743473755
Conc: 1286.83 ng/ml



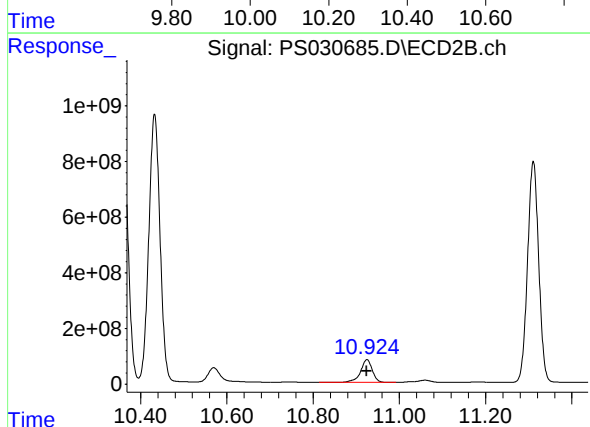
#13 2,4-DB

R.T.: 10.251 min
Delta R.T.: 0.000 min
Response: 3523195581
Conc: 1425.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

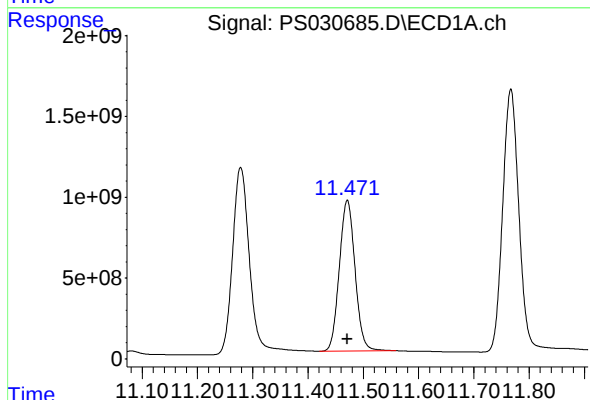
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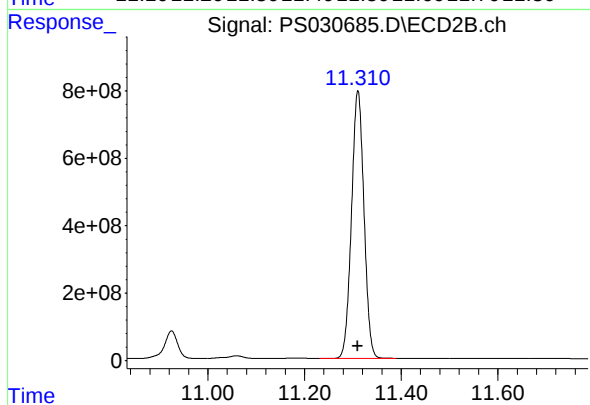
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 1533648276
Conc: 1292.52 ng/ml



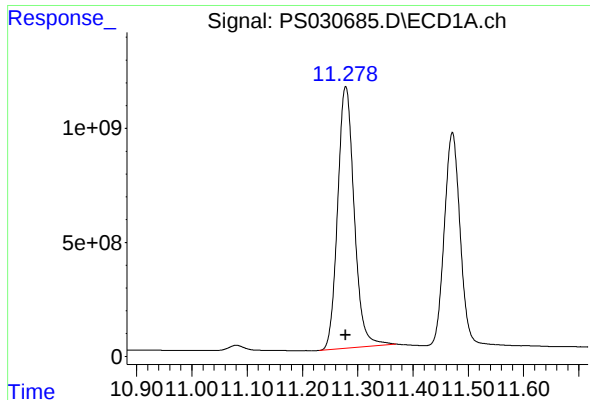
#14 DINOSEB

R.T.: 11.471 min
Delta R.T.: 0.000 min
Response: 18419887373
Conc: 1300.71 ng/ml



#14 DINOSEB

R.T.: 11.311 min
Delta R.T.: 0.000 min
Response: 14215046686
Conc: 1297.30 ng/ml



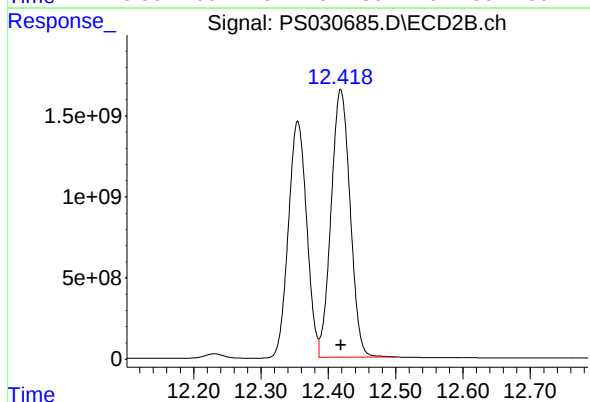
#15 Picloram

R.T.: 11.278 min
Delta R.T.: 0.000 min
Response: 23869114684
Conc: 1429.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

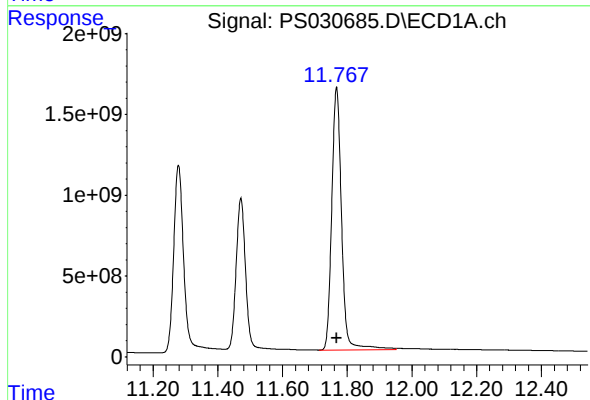
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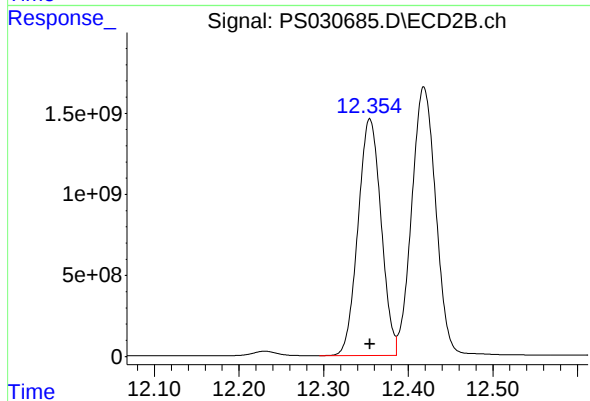
#15 Picloram

R.T.: 12.418 min
Delta R.T.: 0.000 min
Response: 32430533614
Conc: 1352.63 ng/ml



#16 DCPA

R.T.: 11.767 min
Delta R.T.: 0.000 min
Response: 34239601036
Conc: 1318.17 ng/ml



#16 DCPA

R.T.: 12.354 min
Delta R.T.: 0.000 min
Response: 27763800858
Conc: 1294.98 ng/ml m