

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030480.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 12:55
 Operator : AR\AJ
 Sample : HSTDICC1500
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC1500

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/05/2025
 Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 13:20:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:07:48 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
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System Monitoring Compounds

4) S	2,4-DCAA	7.369	7.774	5114.5E6	1442.5E6	1359.285m	1341.054
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Target Compounds

1) T	Dalapon	2.720	2.710	7077.3E6	3477.6E6	1253.287	1269.202
2) T	3,5-DICHL...	6.524	6.717	6773.8E6	1999.9E6	1248.313	1278.513
3) T	4-Nitroph...	7.167	7.304	2318.6E6	2042.6E6	1264.396	1303.306
5) T	DICAMBA	7.561	7.978	19988.9E6	8628.3E6	1296.086	1339.458
6) T	MCPD	7.749	8.083	1498.2E6	327.1E6	151.254	141.524
7) T	MCPA	7.901	8.334	1789.5E6	447.1E6	141.023	144.658m
8) T	DICHLORPROP	8.278	8.699	4624.4E6	1892.3E6	1271.075	1274.928
9) T	2,4-D	8.511	9.035	4698.9E6	2022.8E6	1289.626	1286.504
10) T	Pentachlo...	8.830	9.563	52360.6E6	44299.7E6	1031.002	1225.847
11) T	2,4,5-TP ...	9.403	9.942	26760.6E6	17924.0E6	1294.969	1306.726
12) T	2,4,5-T	9.697	10.368	24470.3E6	17161.6E6	1327.668	1314.350
13) T	2,4-DB	10.277	10.935	4249.5E6	1517.5E6	1399.547	1320.041
14) T	DINOSEB	11.501	11.322	18597.9E6	13281.7E6	1293.774	1321.547
15) T	Picloram	11.306	12.430	27906.5E6	30398.4E6	1394.990	1376.496
16) T	DCPA	11.797	12.367	33946.6E6	26887.9E6	1283.906	1313.980

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

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Acq On : 04 Jun 2025 12:55
Operator : AR\AJ
Sample : HSTDICC1500
Misc :
ALS Vial : 7 Sample Multiplier: 1

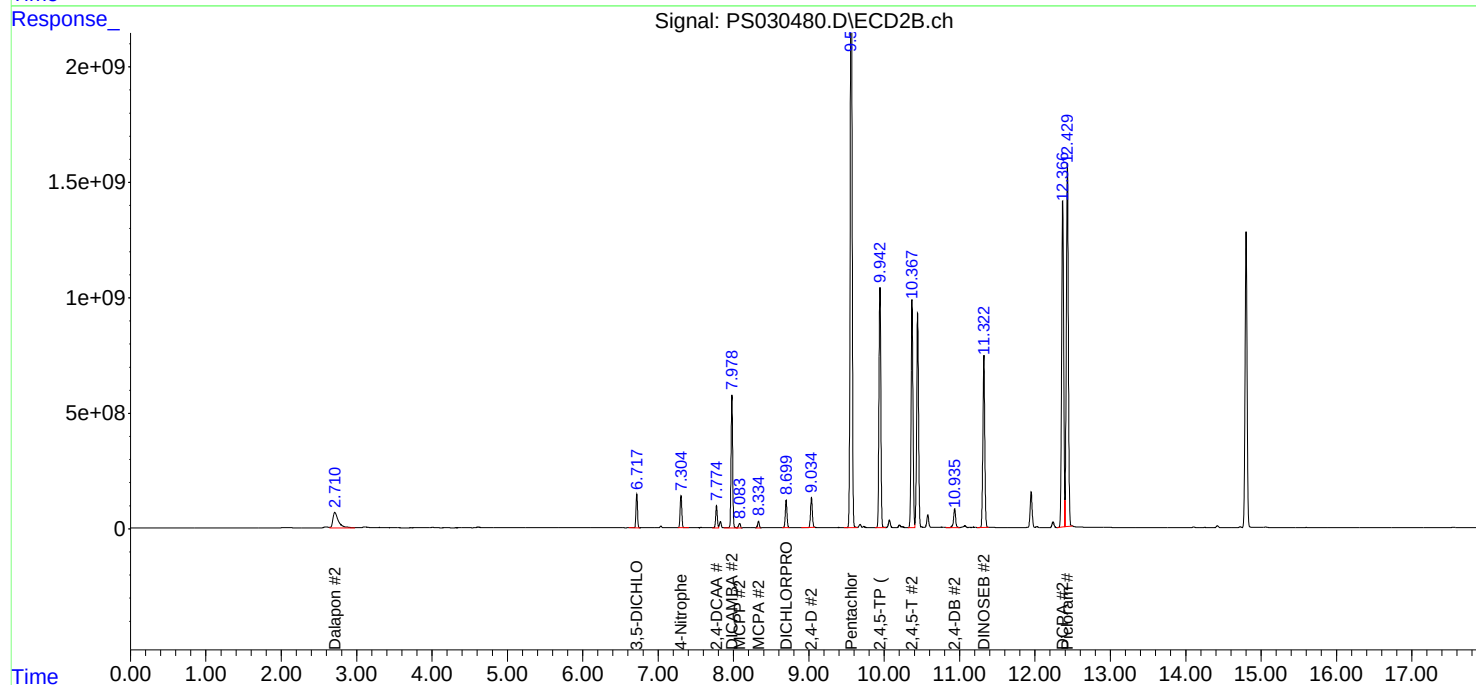
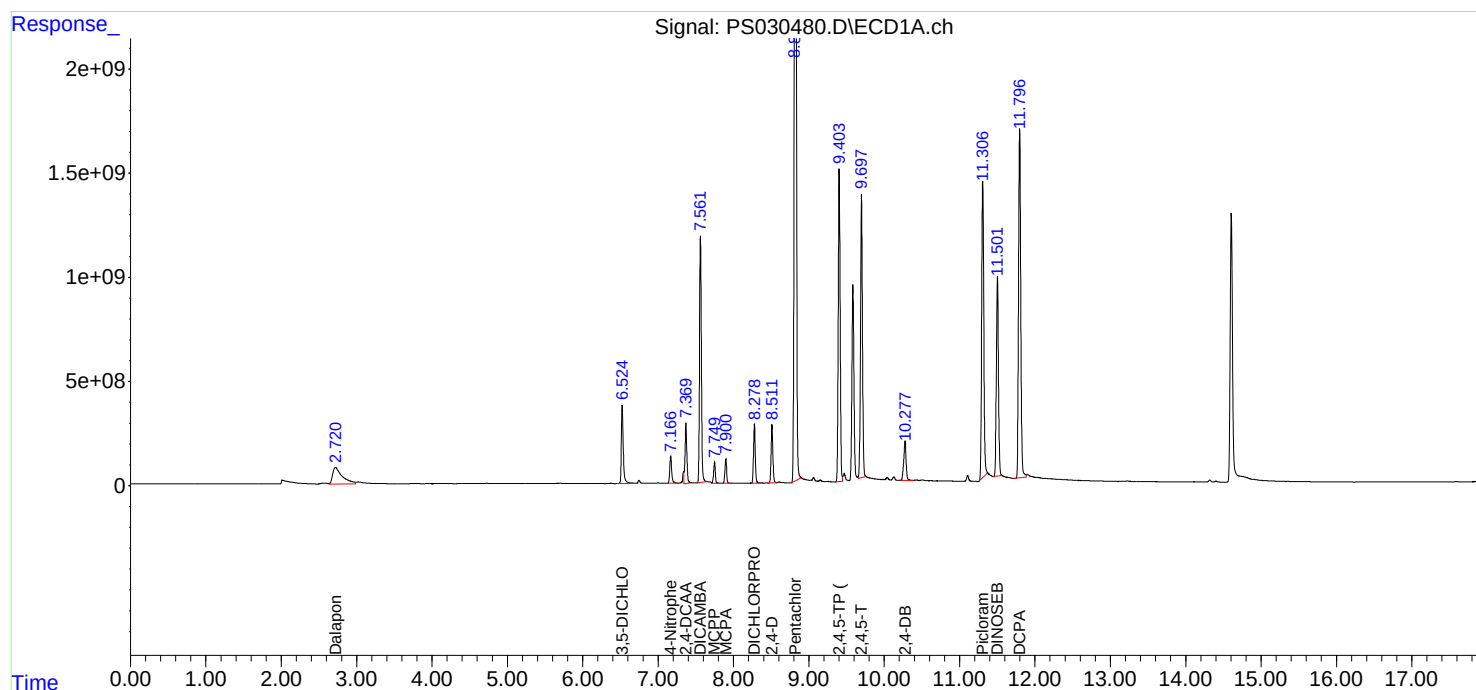
Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

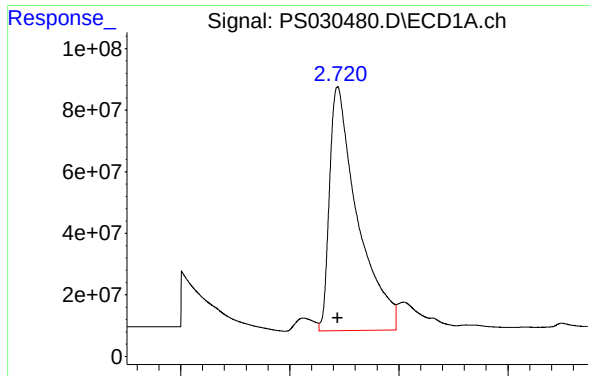
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Supervised By : mohammad ahmed 06/06/2025

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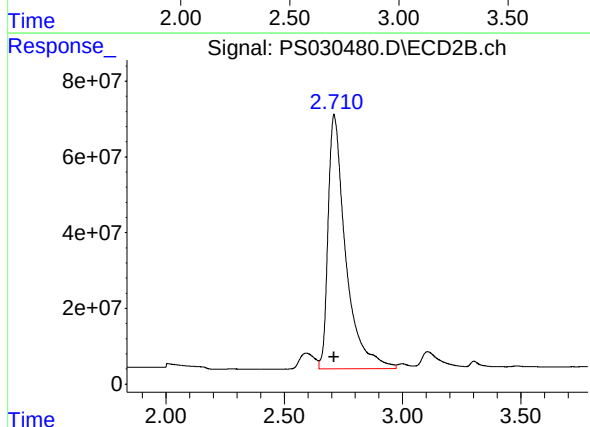
#1 Dalapon

R.T.: 2.720 min
Delta R.T.: 0.000 min
Response: 7077278651
Conc: 1253.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

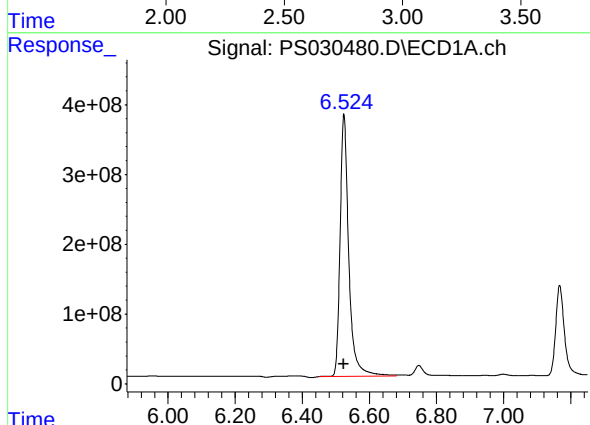
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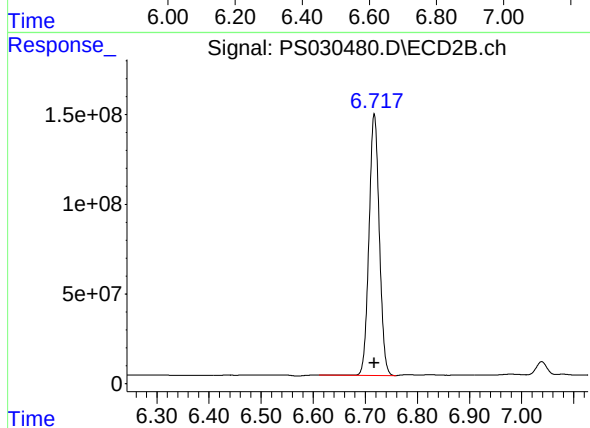
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.000 min
Response: 3477632975
Conc: 1269.20 ng/ml



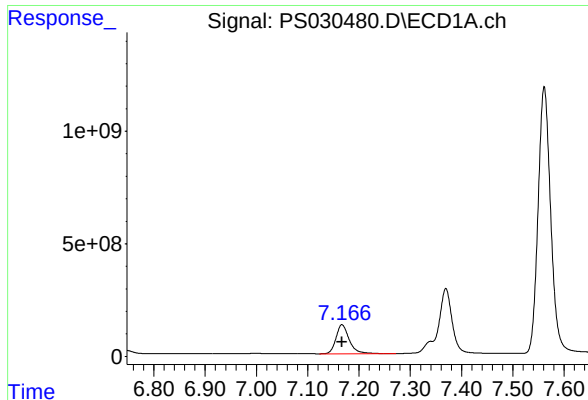
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 6773783620
Conc: 1248.31 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 1999910908
Conc: 1278.51 ng/ml



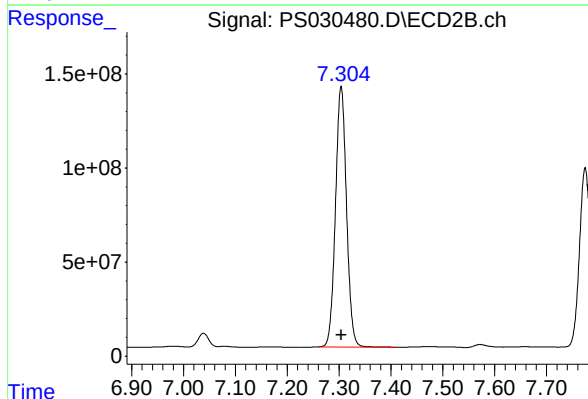
#3 4-Nitrophenol

R.T.: 7.167 min
Delta R.T.: 0.000 min
Response: 2318592798
Conc: 1264.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

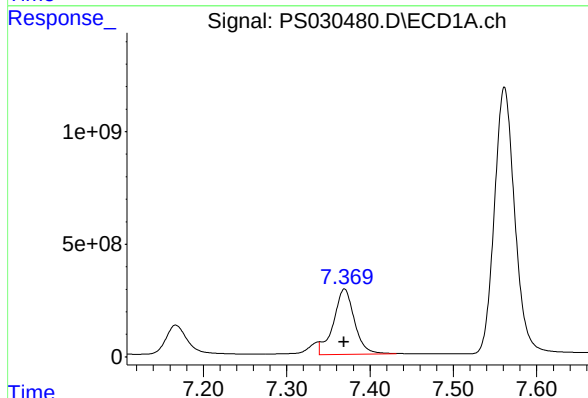
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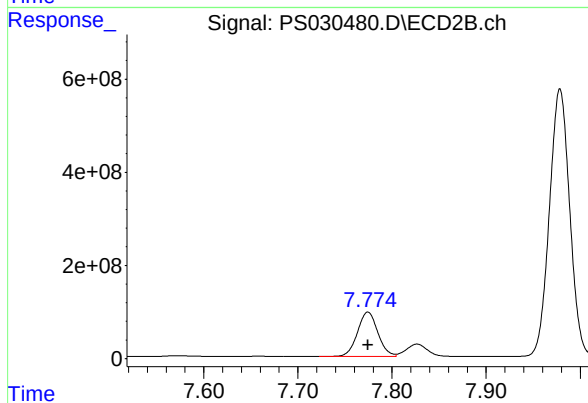
#3 4-Nitrophenol

R.T.: 7.304 min
Delta R.T.: 0.000 min
Response: 2042597348
Conc: 1303.31 ng/ml



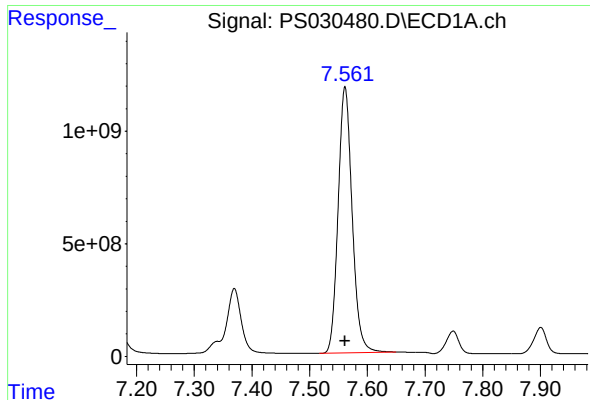
#4 2,4-DCAA

R.T.: 7.369 min
Delta R.T.: 0.000 min
Response: 5114542322
Conc: 1359.29 ng/ml m



#4 2,4-DCAA

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 1442451493
Conc: 1341.05 ng/ml



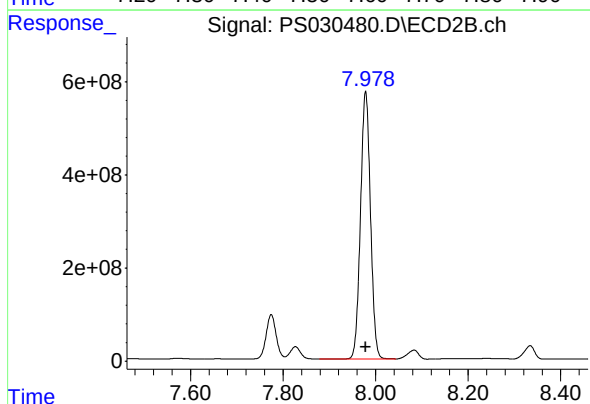
#5 DICAMBA

R.T.: 7.561 min
Delta R.T.: 0.000 min
Response: 19988929155
Conc: 1296.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

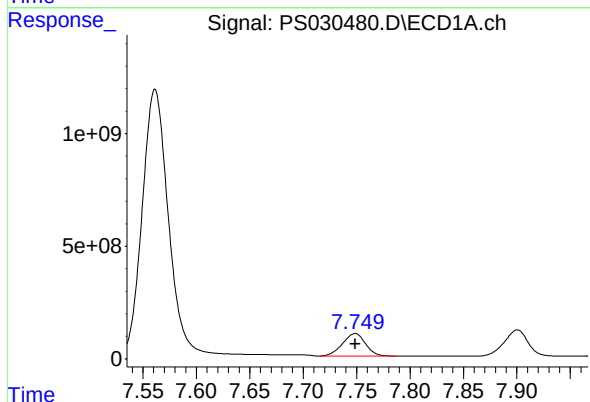
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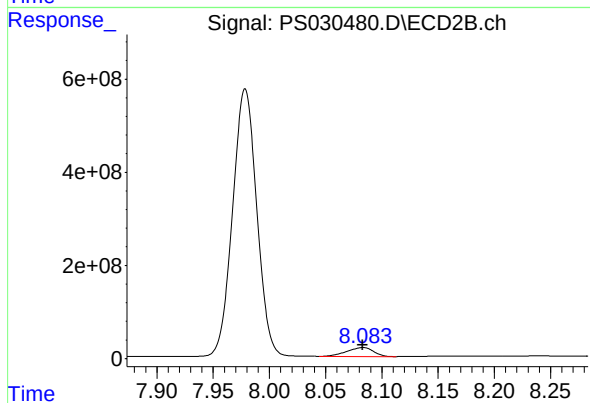
#5 DICAMBA

R.T.: 7.978 min
Delta R.T.: 0.000 min
Response: 8628314157
Conc: 1339.46 ng/ml



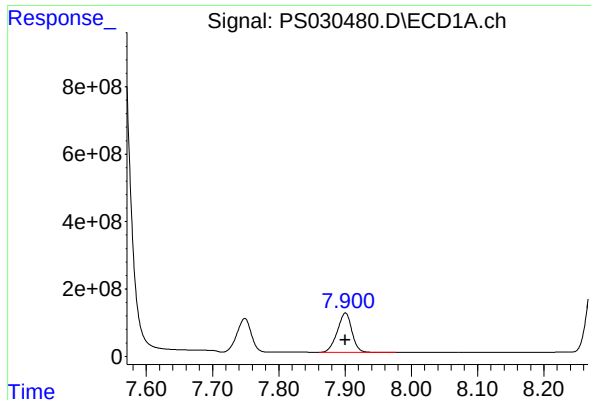
#6 MCPP

R.T.: 7.749 min
Delta R.T.: 0.000 min
Response: 1498158976
Conc: 151.25 ug/ml



#6 MCPP

R.T.: 8.083 min
Delta R.T.: 0.000 min
Response: 327146473
Conc: 141.52 ug/ml



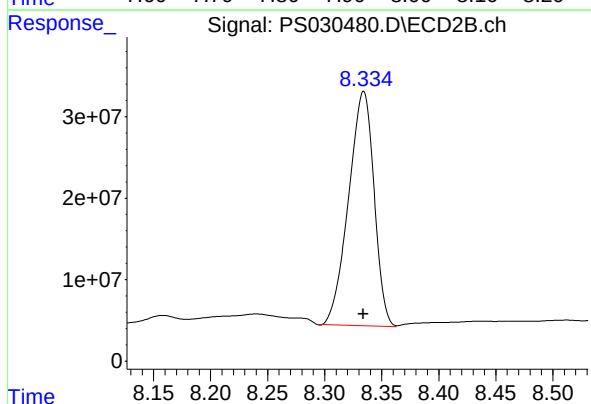
#7 MCPA

R.T.: 7.901 min
Delta R.T.: 0.000 min
Response: 1789492554
Conc: 141.02 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

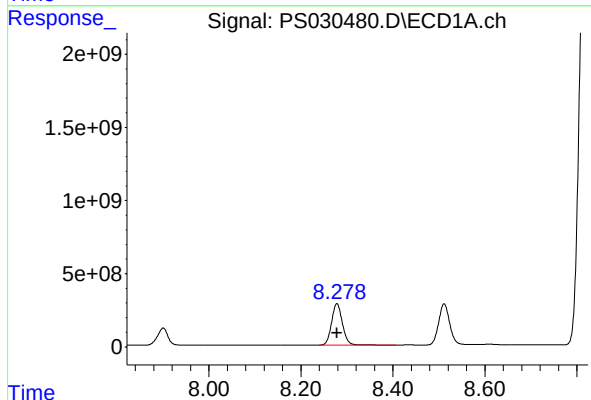
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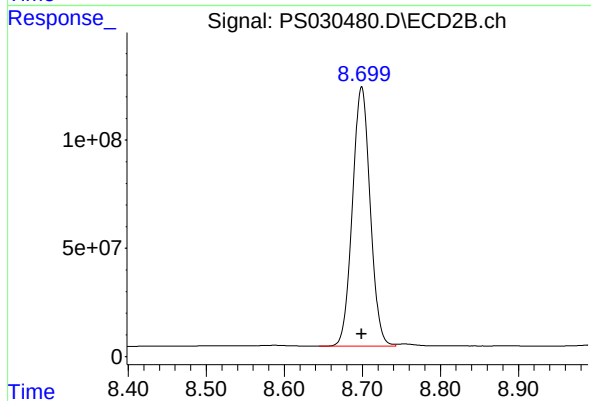
#7 MCPA

R.T.: 8.334 min
Delta R.T.: 0.000 min
Response: 447057237
Conc: 144.66 ug/ml m



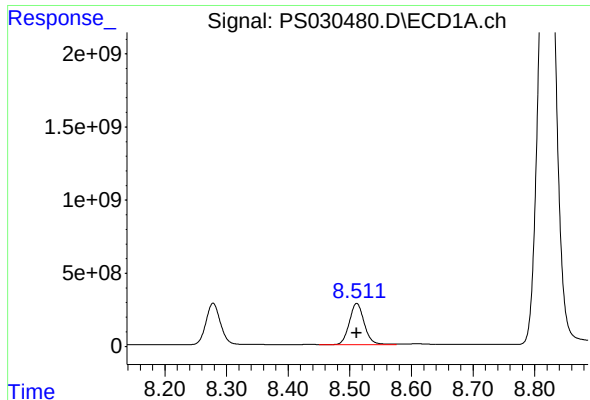
#8 DICHLORPROP

R.T.: 8.278 min
Delta R.T.: 0.000 min
Response: 4624355651
Conc: 1271.07 ng/ml



#8 DICHLORPROP

R.T.: 8.699 min
Delta R.T.: 0.000 min
Response: 1892253090
Conc: 1274.93 ng/ml



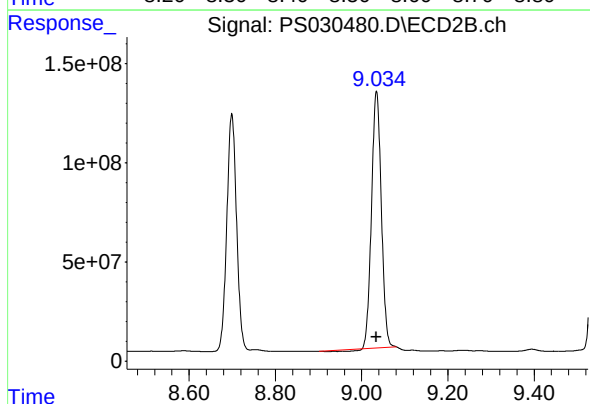
#9 2,4-D

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 4698897307
Conc: 1289.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

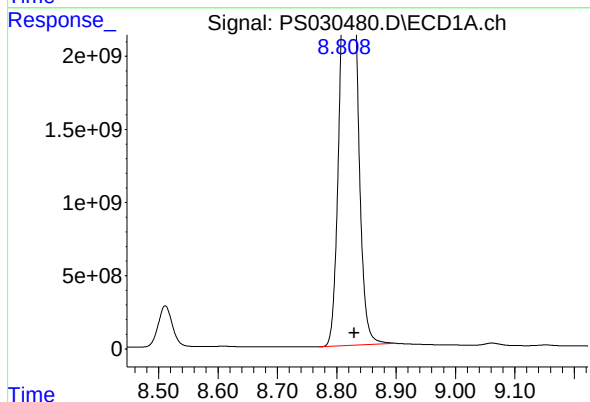
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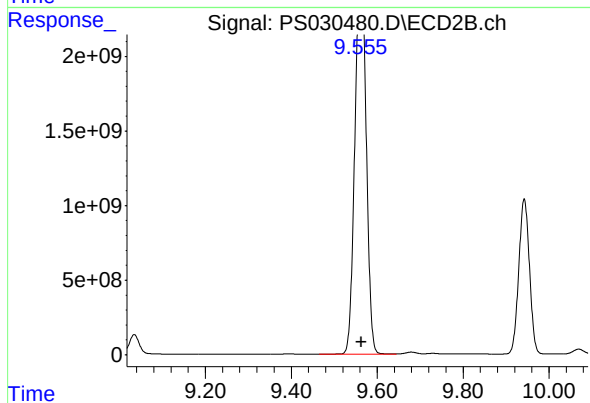
#9 2,4-D

R.T.: 9.035 min
Delta R.T.: 0.000 min
Response: 2022797528
Conc: 1286.50 ng/ml



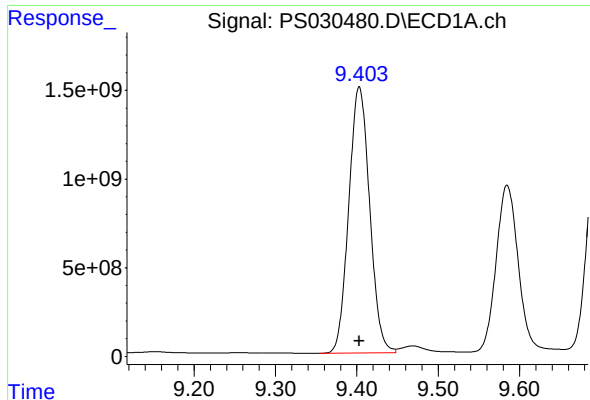
#10 Pentachlorophenol

R.T.: 8.830 min
Delta R.T.: 0.000 min
Response: 52360640609
Conc: 1031.00 ng/ml



#10 Pentachlorophenol

R.T.: 9.563 min
Delta R.T.: 0.000 min
Response: 44299685584
Conc: 1225.85 ng/ml



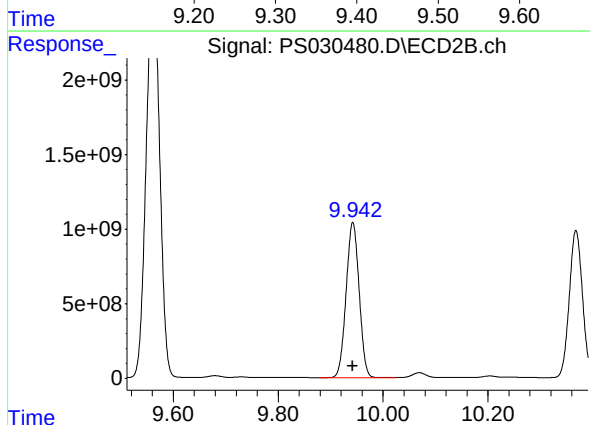
#11 2,4,5-TP (SILVEX)

R.T.: 9.403 min
Delta R.T.: 0.000 min
Response: 26760643441
Conc: 1294.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

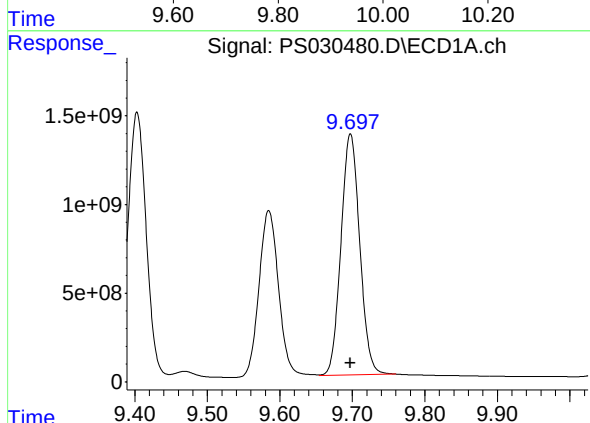
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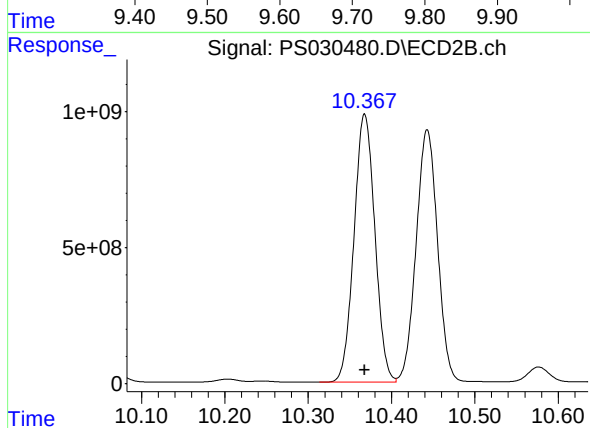
#11 2,4,5-TP (SILVEX)

R.T.: 9.942 min
Delta R.T.: 0.000 min
Response: 17924028897
Conc: 1306.73 ng/ml



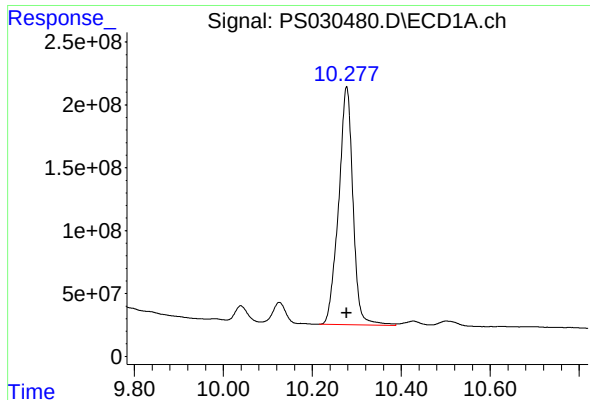
#12 2,4,5-T

R.T.: 9.697 min
Delta R.T.: 0.000 min
Response: 24470332149
Conc: 1327.67 ng/ml



#12 2,4,5-T

R.T.: 10.368 min
Delta R.T.: 0.000 min
Response: 17161639918
Conc: 1314.35 ng/ml



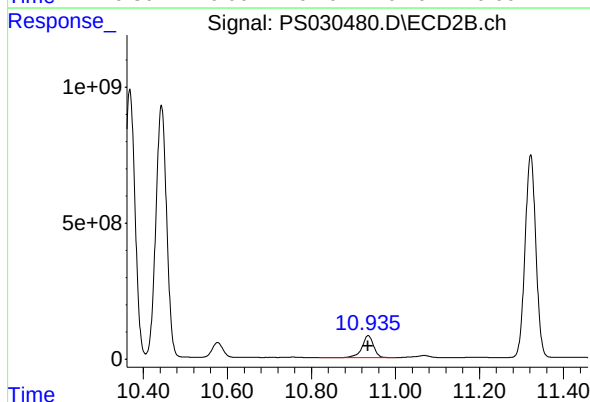
#13 2,4-DB

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 4249534275
Conc: 1399.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
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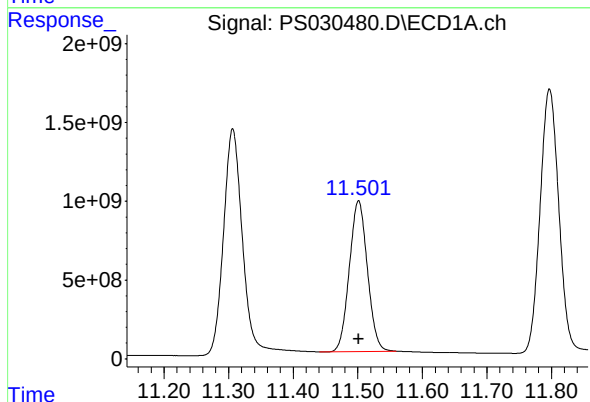
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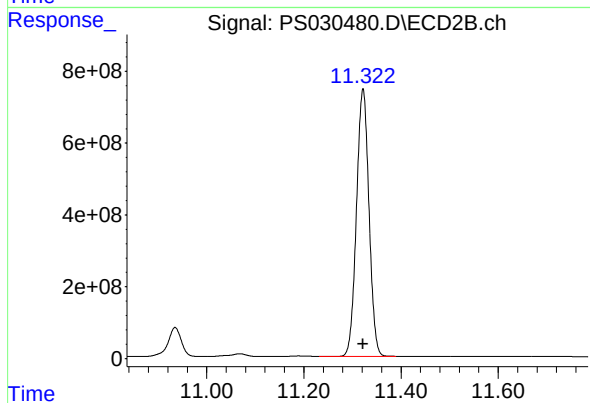
#13 2,4-DB

R.T.: 10.935 min
Delta R.T.: 0.000 min
Response: 1517456822
Conc: 1320.04 ng/ml



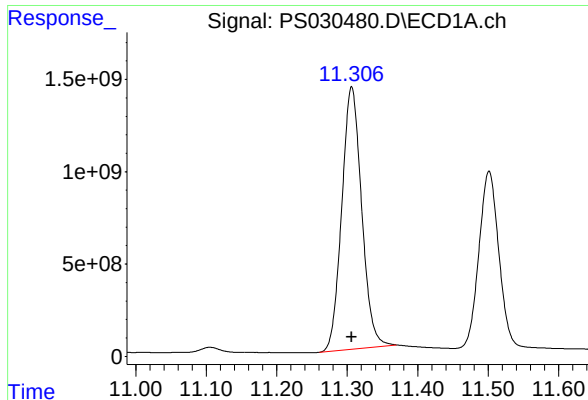
#14 DINOSEB

R.T.: 11.501 min
Delta R.T.: 0.000 min
Response: 18597915237
Conc: 1293.77 ng/ml



#14 DINOSEB

R.T.: 11.322 min
Delta R.T.: 0.000 min
Response: 13281702152
Conc: 1321.55 ng/ml



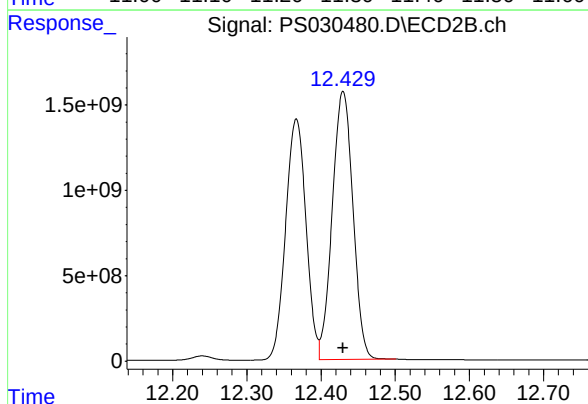
#15 Picloram

R.T.: 11.306 min
Delta R.T.: 0.000 min
Response: 27906504504
Conc: 1394.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

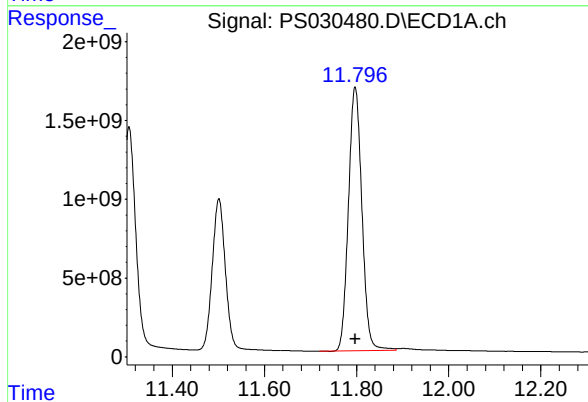
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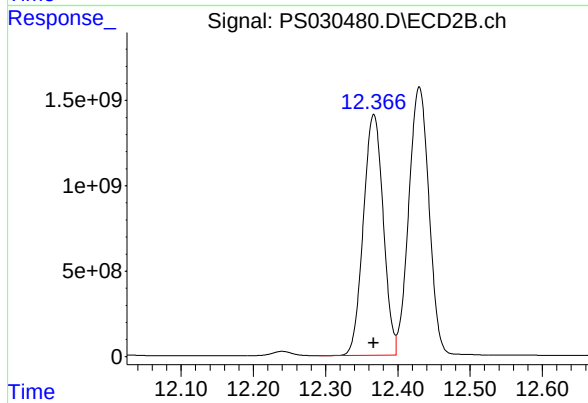
#15 Picloram

R.T.: 12.430 min
Delta R.T.: 0.000 min
Response: 30398367280
Conc: 1376.50 ng/ml



#16 DCPA

R.T.: 11.797 min
Delta R.T.: 0.000 min
Response: 33946607466
Conc: 1283.91 ng/ml



#16 DCPA

R.T.: 12.367 min
Delta R.T.: 0.000 min
Response: 26887890724
Conc: 1313.98 ng/ml