

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
 Data File : PS030129.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 14:06
 Operator : AR\AJ
 Sample : HSTDICC1500
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC1500

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/13/2025
 Supervised By : mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 14:28:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:27:56 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	6.934	7.454	3776.3E6	1120.3E6	1326.050	1400.011
Target Compounds							
1) T	Dalapon	2.446	2.520	5803.8E6	2534.2E6	1180.753	1247.720
2) T	3,5-DICHL...	6.139	6.453	5186.8E6	1479.7E6	1243.675	1269.249
3) T	4-Nitroph...	6.724	6.988	2599.8E6	1237.2E6	1258.609	1184.993
5) T	DICAMBA	7.110	7.640	14856.3E6	6548.0E6	1285.438	1384.953
6) T	MCP	7.293	7.751	1084.1E6	267.4E6	148.855	145.320
7) T	MCPA	7.437	7.983	1462.0E6	359.0E6	140.839	136.111
8) T	DICHLORPROP	7.789	8.333	3658.8E6	1533.4E6	1252.430	1297.948
9) T	2,4-D	8.009	8.645	4125.7E6	1702.5E6	1258.234	1319.227
10) T	Pentachlo...	8.293	9.145	46970.5E6	32180.6E6	1159.743	1303.651
11) T	2,4,5-TP ...	8.851	9.523	20814.7E6	13189.7E6	1285.177	1338.996
12) T	2,4,5-T	9.133	9.927	21074.1E6	12274.8E6	1276.042	1333.692
13) T	2,4-DB	9.690	10.485	3637.1E6	1297.8E6	1393.631	1307.799
14) T	DINOSEB	10.852	10.859	14478.2E6	8998.7E6	1265.980	1317.150
15) T	Picloram	10.670	11.895	28424.6E6	18755.9E6	1329.063	1314.827m
16) T	DCPA	11.153	11.892	25491.3E6	17567.8E6	1280.231	1314.389m

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

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Data File : PS030129.D
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Acq On : 12 May 2025 14:06
Operator : AR\AJ
Sample : HSTDICC1500
Misc :
ALS Vial : 7 Sample Multiplier: 1

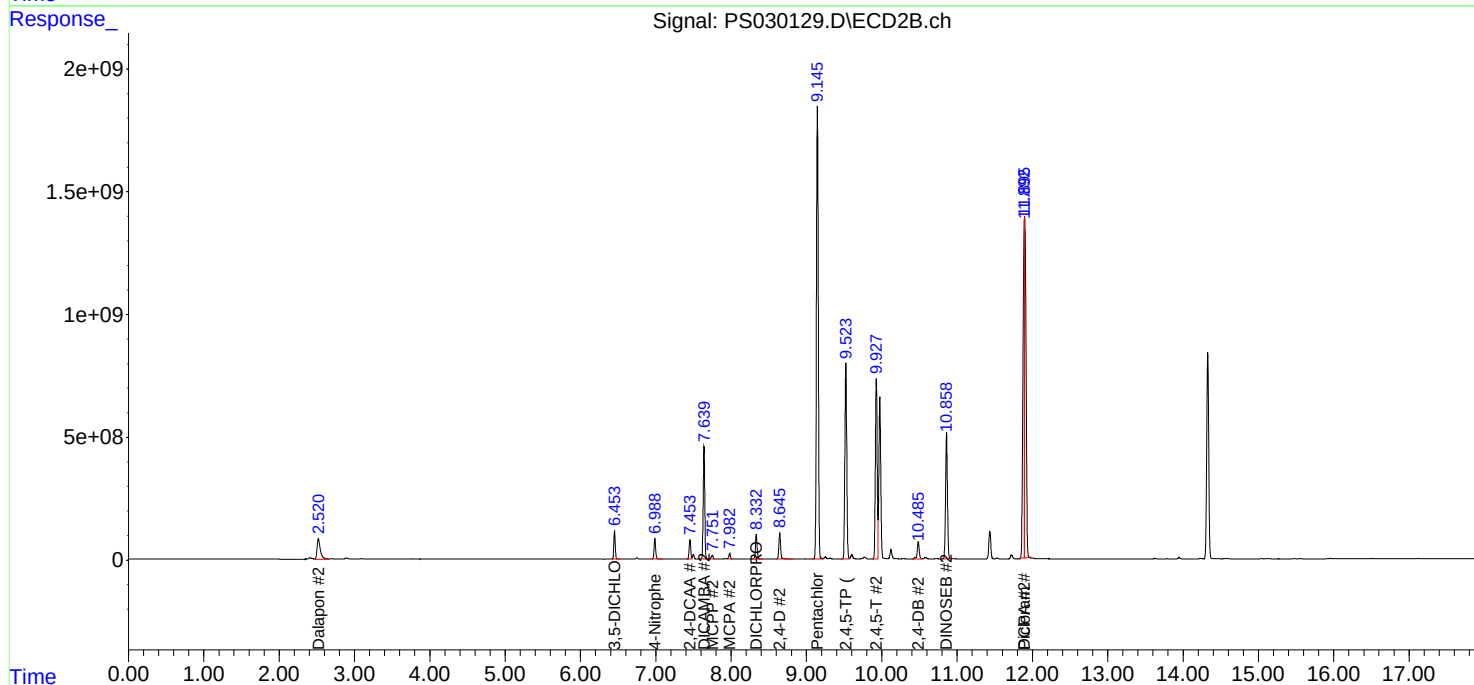
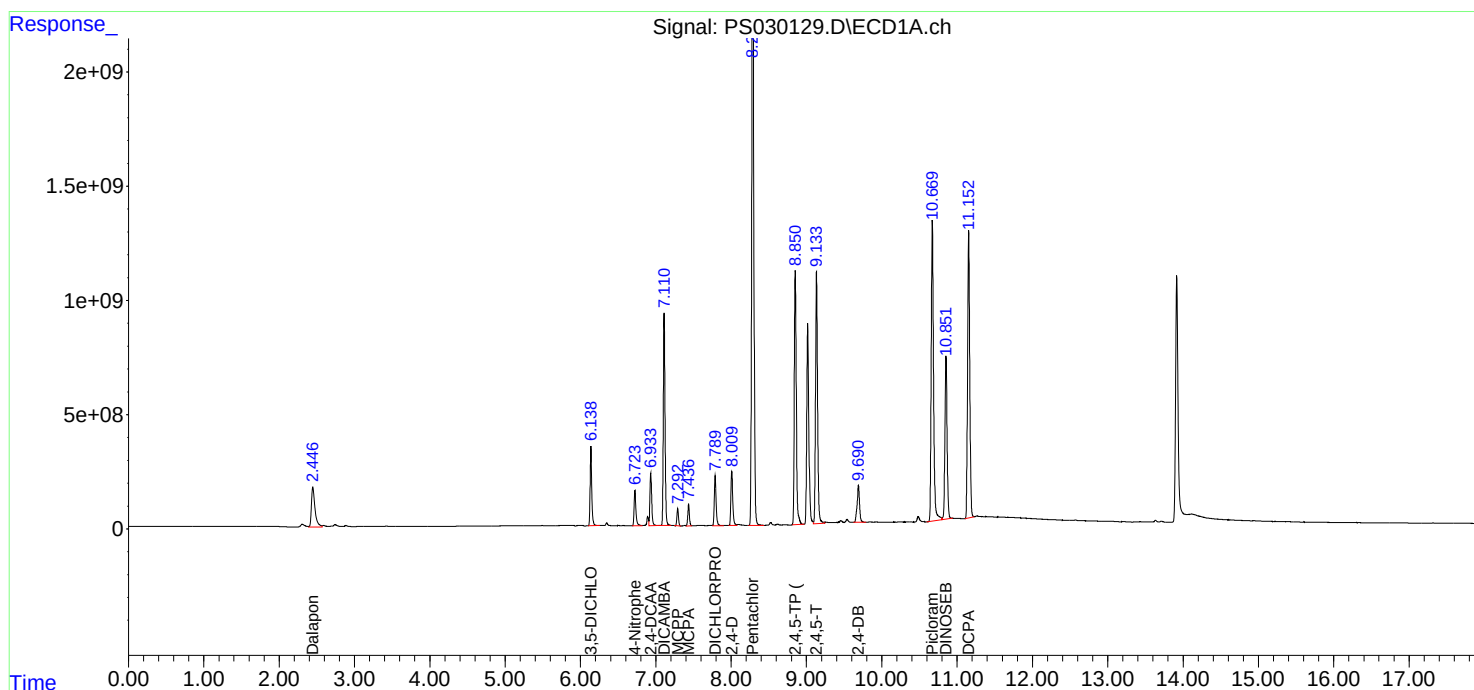
Instrument :
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ClientSampleId :
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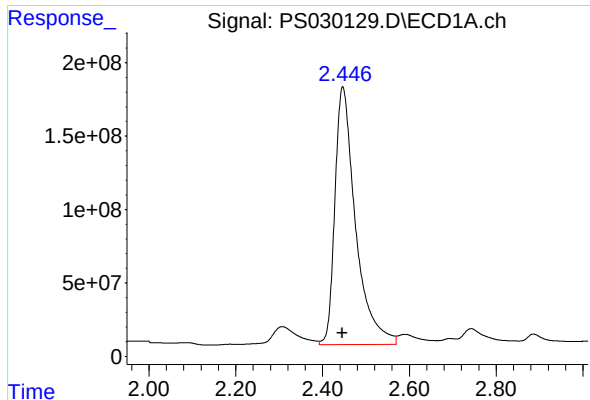
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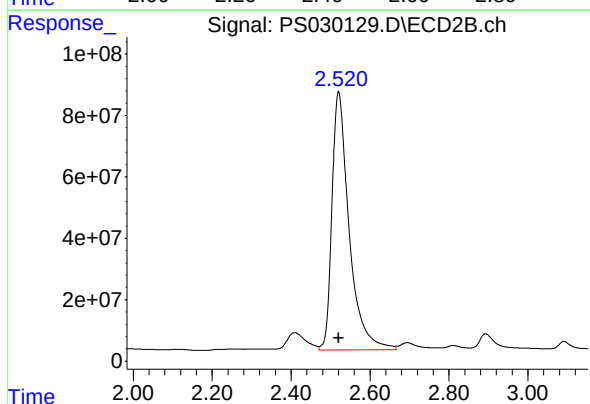
#1 Dalapon

R.T.: 2.446 min
Delta R.T.: 0.000 min
Response: 5803825974
Conc: 1180.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

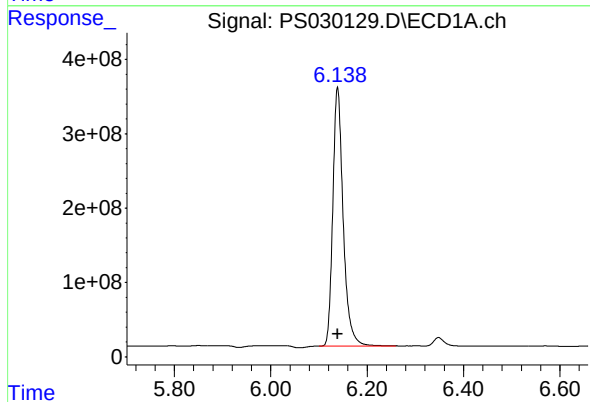
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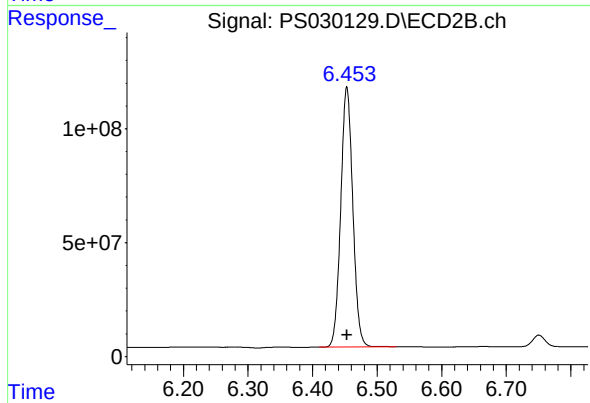
#1 Dalapon

R.T.: 2.520 min
Delta R.T.: 0.000 min
Response: 2534181671
Conc: 1247.72 ng/ml



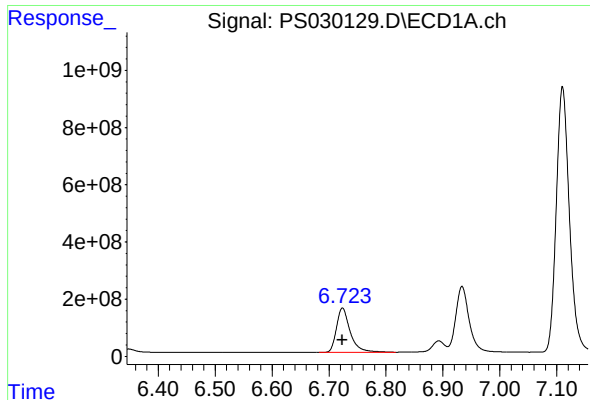
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 5186812575
Conc: 1243.68 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 1479728554
Conc: 1269.25 ng/ml



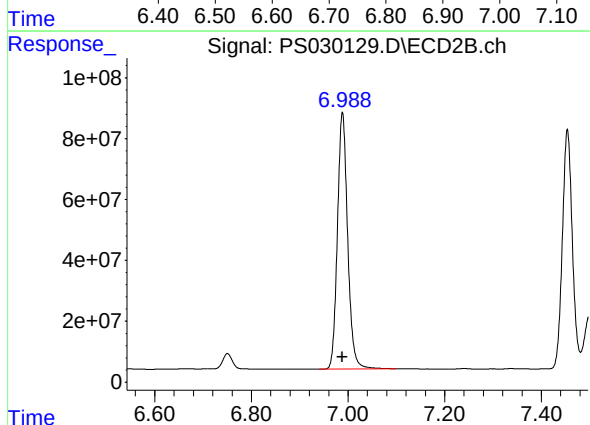
#3 4-Nitrophenol

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 2599800086
Conc: 1258.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

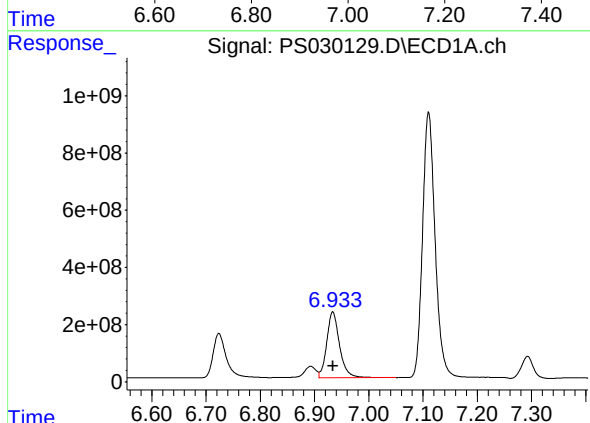
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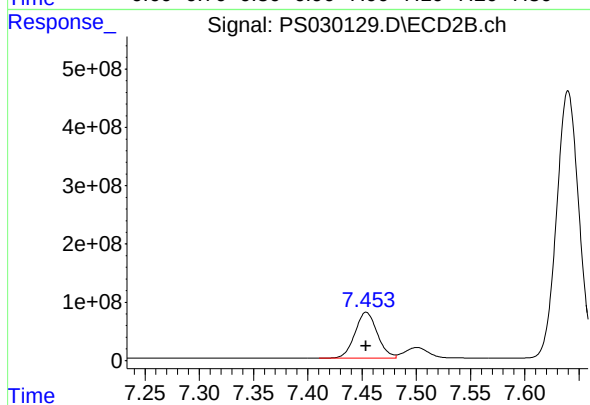
#3 4-Nitrophenol

R.T.: 6.988 min
Delta R.T.: 0.000 min
Response: 1237170584
Conc: 1184.99 ng/ml



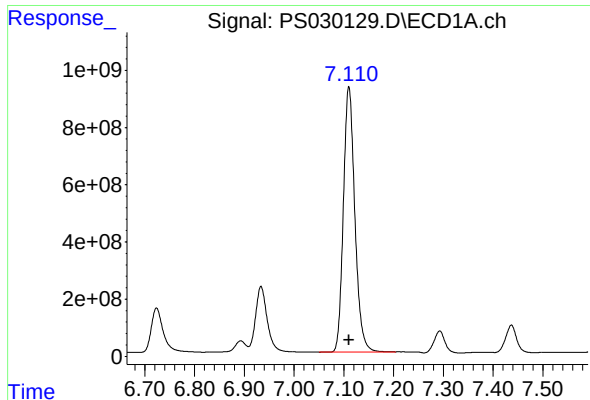
#4 2,4-DCAA

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 3776336032
Conc: 1326.05 ng/ml



#4 2,4-DCAA

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 1120293973
Conc: 1400.01 ng/ml



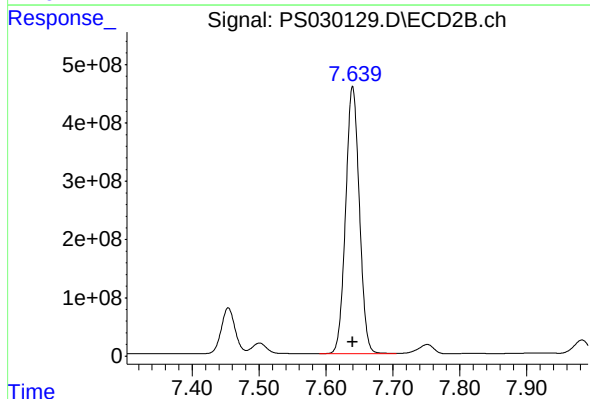
#5 DICAMBA

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 14856279616
Conc: 1285.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

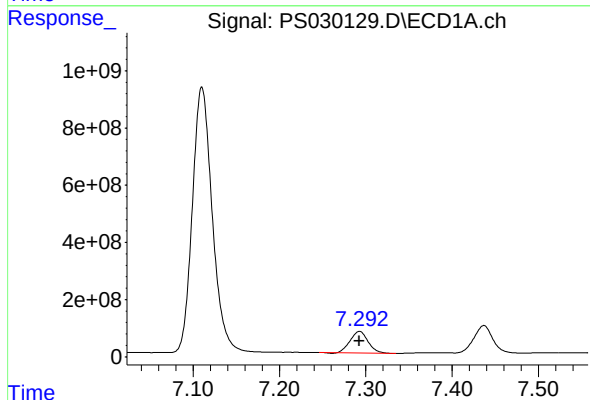
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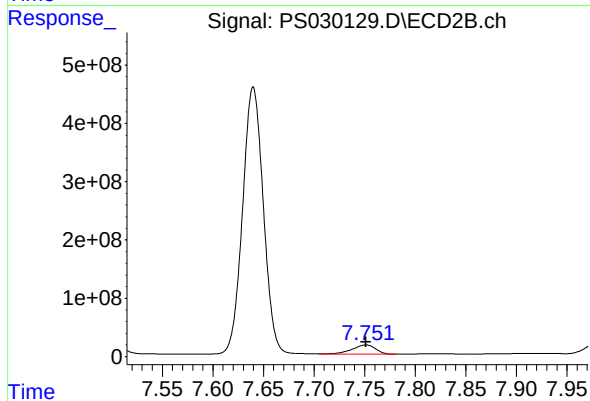
#5 DICAMBA

R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 6548026936
Conc: 1384.95 ng/ml



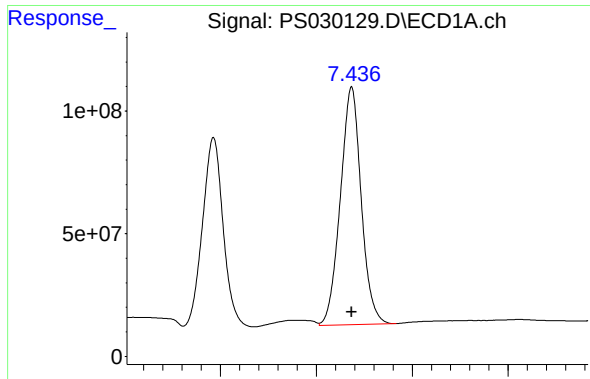
#6 MCPP

R.T.: 7.293 min
Delta R.T.: 0.000 min
Response: 1084061510
Conc: 148.85 ug/ml



#6 MCPP

R.T.: 7.751 min
Delta R.T.: 0.000 min
Response: 267354251
Conc: 145.32 ug/ml



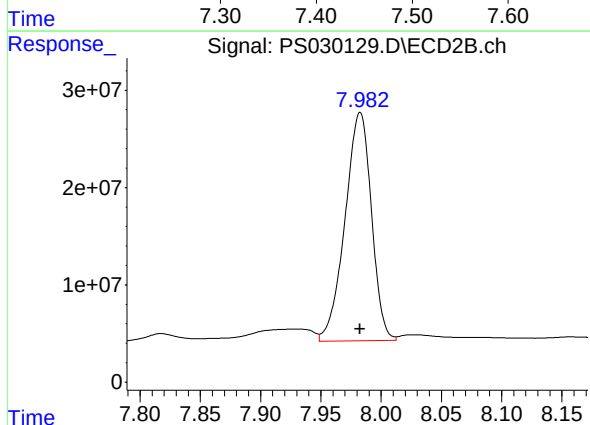
#7 MCPA

R.T.: 7.437 min
Delta R.T.: 0.000 min
Response: 1462037980
Conc: 140.84 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

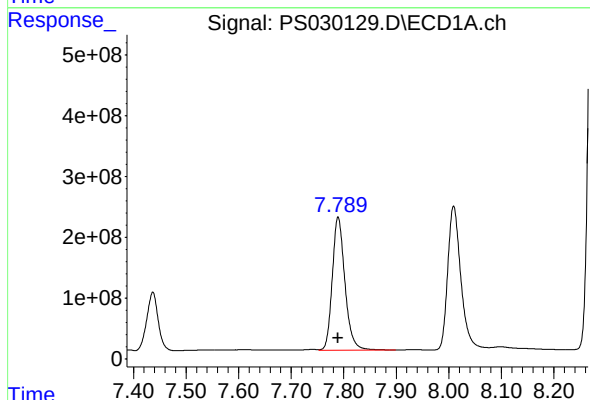
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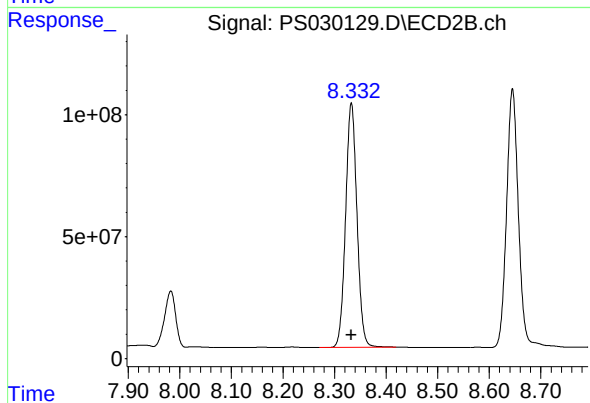
#7 MCPA

R.T.: 7.983 min
Delta R.T.: 0.000 min
Response: 359019035
Conc: 136.11 ug/ml



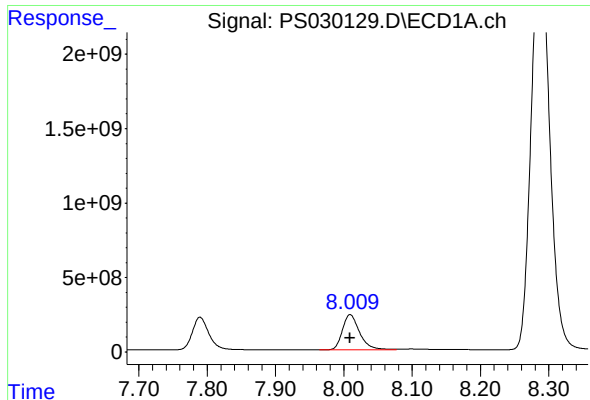
#8 DICHLORPROP

R.T.: 7.789 min
Delta R.T.: 0.000 min
Response: 3658780135
Conc: 1252.43 ng/ml



#8 DICHLORPROP

R.T.: 8.333 min
Delta R.T.: 0.000 min
Response: 1533438356
Conc: 1297.95 ng/ml



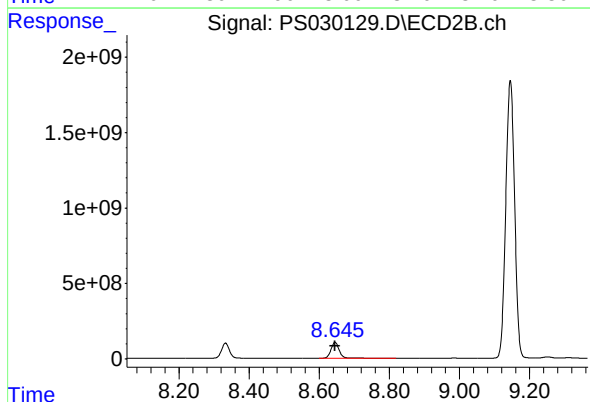
#9 2,4-D

R.T.: 8.009 min
Delta R.T.: 0.000 min
Response: 4125668343
Conc: 1258.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

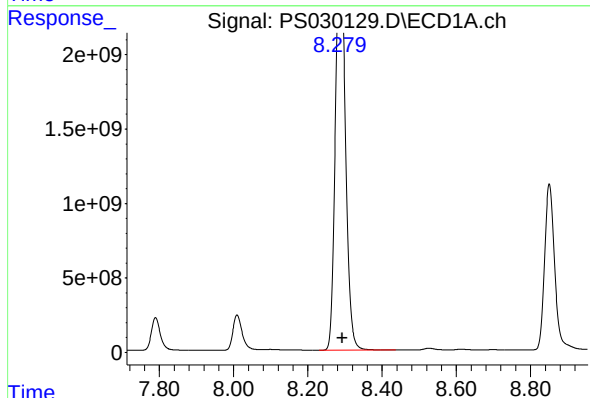
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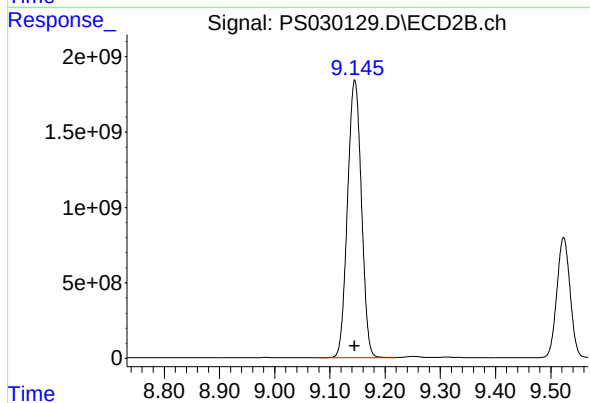
#9 2,4-D

R.T.: 8.645 min
Delta R.T.: 0.000 min
Response: 1702463835
Conc: 1319.23 ng/ml



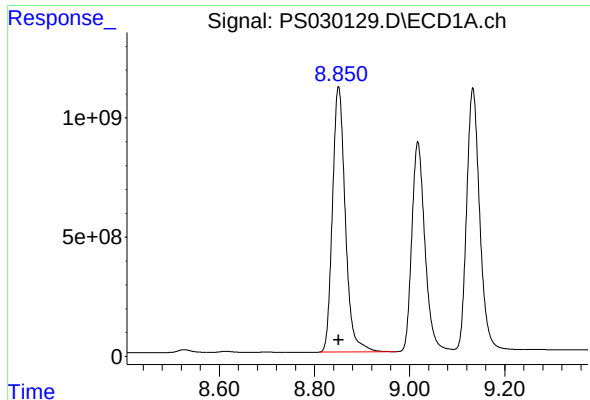
#10 Pentachlorophenol

R.T.: 8.293 min
Delta R.T.: 0.000 min
Response: 46970475936
Conc: 1159.74 ng/ml



#10 Pentachlorophenol

R.T.: 9.145 min
Delta R.T.: 0.000 min
Response: 32180559414
Conc: 1303.65 ng/ml



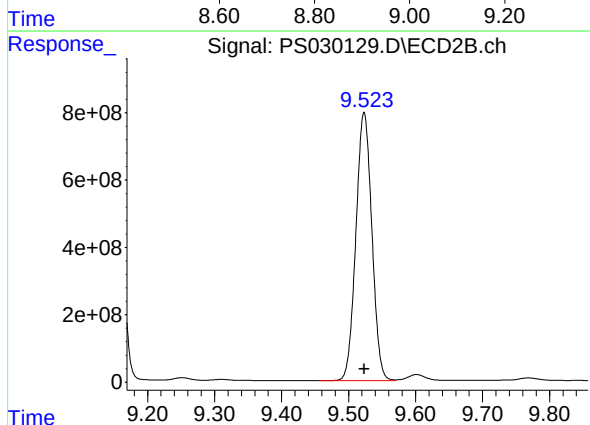
#11 2,4,5-TP (SILVEX)

R.T.: 8.851 min
Delta R.T.: 0.000 min
Response: 20814708718
Conc: 1285.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

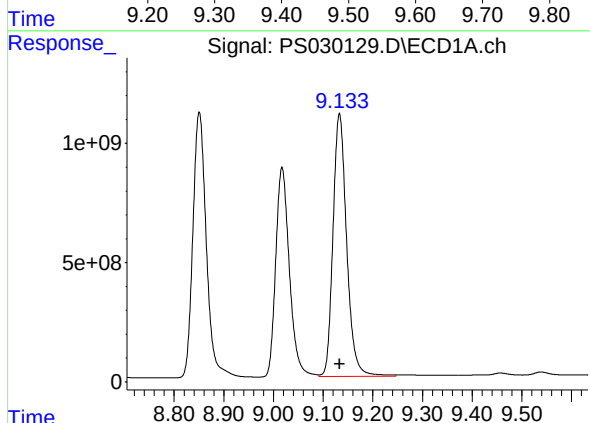
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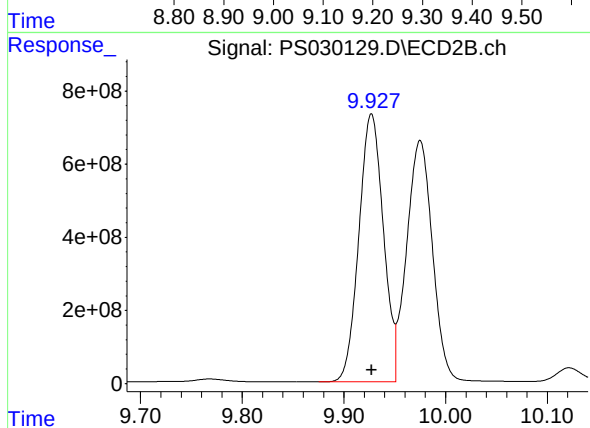
#11 2,4,5-TP (SILVEX)

R.T.: 9.523 min
Delta R.T.: 0.000 min
Response: 13189681851
Conc: 1339.00 ng/ml



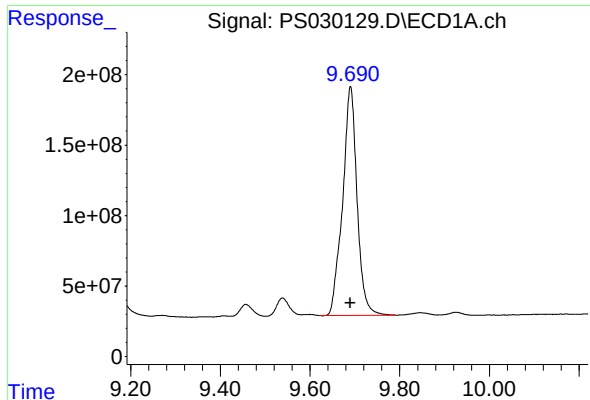
#12 2,4,5-T

R.T.: 9.133 min
Delta R.T.: 0.000 min
Response: 21074072877
Conc: 1276.04 ng/ml



#12 2,4,5-T

R.T.: 9.927 min
Delta R.T.: 0.000 min
Response: 12274774542
Conc: 1333.69 ng/ml



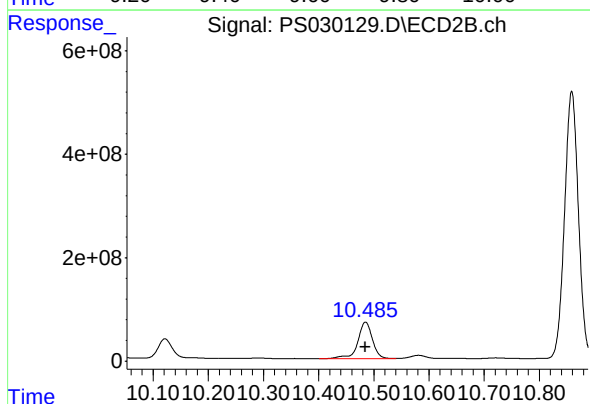
#13 2,4-DB

R.T.: 9.690 min
Delta R.T.: 0.000 min
Response: 3637060435
Conc: 1393.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

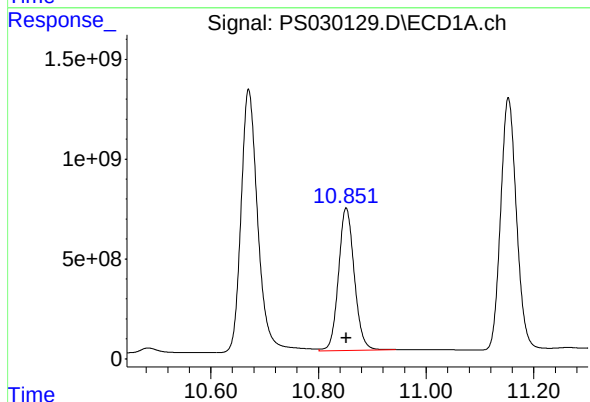
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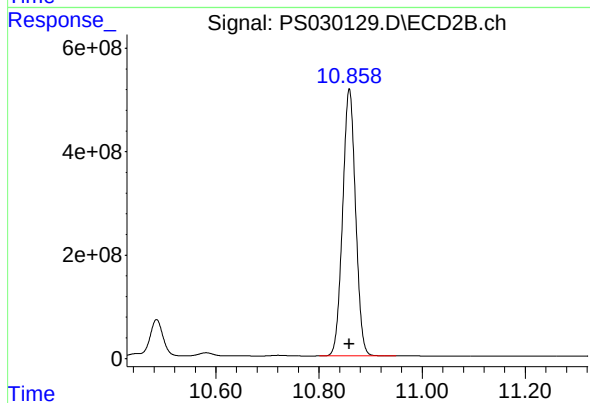
#13 2,4-DB

R.T.: 10.485 min
Delta R.T.: 0.000 min
Response: 1297822826
Conc: 1307.80 ng/ml



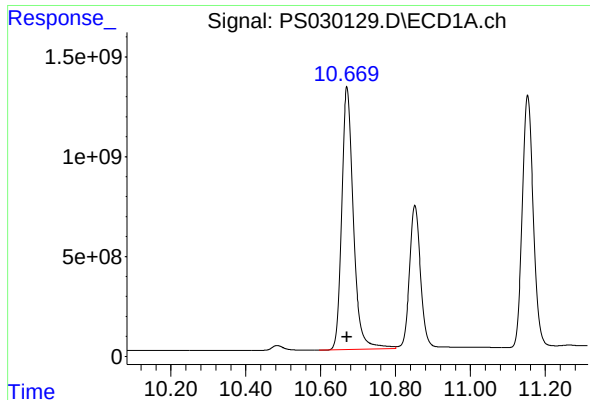
#14 DINOSEB

R.T.: 10.852 min
Delta R.T.: 0.000 min
Response: 14478196767
Conc: 1265.98 ng/ml



#14 DINOSEB

R.T.: 10.859 min
Delta R.T.: 0.000 min
Response: 8998743635
Conc: 1317.15 ng/ml



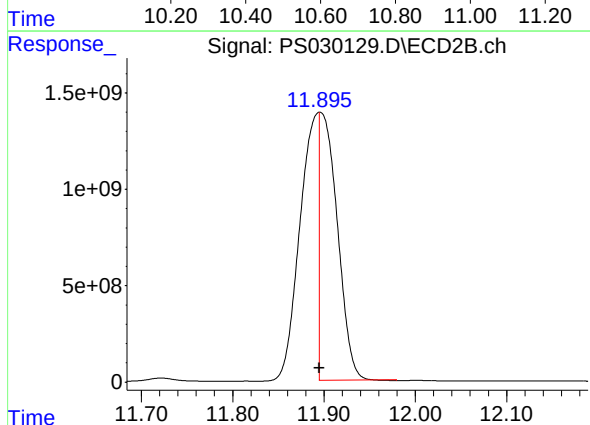
#15 Picloram

R.T.: 10.670 min
Delta R.T.: 0.000 min
Response: 28424643600
Conc: 1329.06 ng/ml

Instrument :
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ClientSampleId :
HSTDICC1500

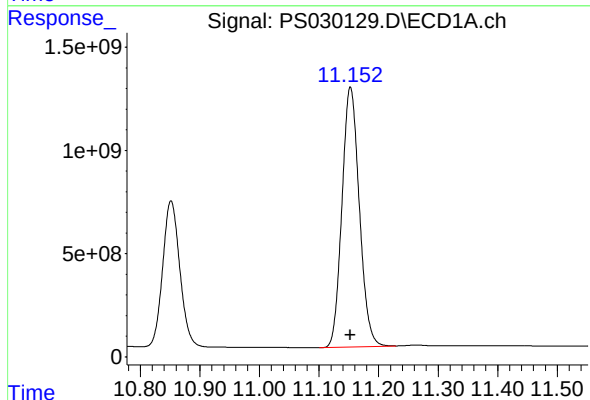
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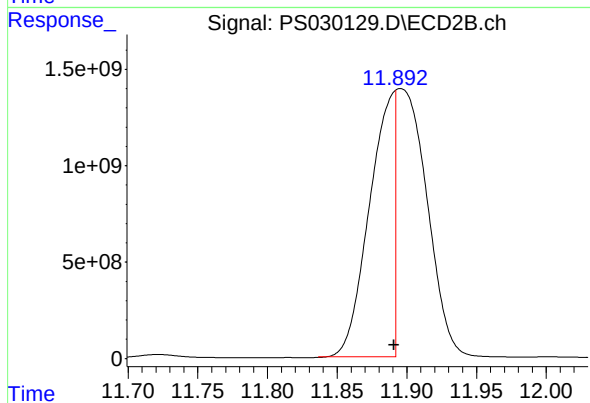
#15 Picloram

R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 18755888035
Conc: 1314.83 ng/ml m



#16 DCPA

R.T.: 11.153 min
Delta R.T.: 0.000 min
Response: 25491307126
Conc: 1280.23 ng/ml



#16 DCPA

R.T.: 11.892 min
Delta R.T.: 0.000 min
Response: 17567837929
Conc: 1314.39 ng/ml m