

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
 Data File : PS030130.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 14:30
 Operator : AR\AJ
 Sample : HSTDICV750
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 ICVPS051225

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 15:04:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	2000.1E6	576.9E6	702.326	720.970
Target Compounds							
1) T	Dalapon	2.446	2.520	3076.9E6	1314.3E6	625.967	647.108
2) T	3,5-DICHL...	6.139	6.453	2750.7E6	760.8E6	659.557	652.607
3) T	4-Nitroph...	6.724	6.989	1318.9E6	628.7E6	638.507	602.172
5) T	DICAMBA	7.110	7.640	7834.8E6	3263.7E6	677.908	690.298
6) T	MCPD	7.289	7.748	532.7E6	133.5E6	73.145	72.581
7) T	MCPA	7.431	7.978	699.7E6	180.7E6	67.398	68.504
8) T	DICHLORPROP	7.790	8.333	1940.1E6	796.8E6	664.107	674.472
9) T	2,4-D	8.010	8.645	2200.0E6	878.7E6	670.942	680.913
10) T	Pentachlo...	8.287	9.145	28175.2E6	17257.0E6	695.670	699.091
11) T	2,4,5-TP ...	8.851	9.524	11116.5E6	6877.2E6	686.375	698.163
12) T	2,4,5-T	9.133	9.927	11274.6E6	6386.9E6	682.678	693.957
13) T	2,4-DB	9.691	10.486	1842.8E6	635.3E6	706.110	640.157
14) T	DINOSEB	10.851	10.859	7678.7E6	4674.1E6	671.427	684.150
15) T	Picloram	10.671	11.895	14927.7E6	9640.6E6	697.983	685.038m
16) T	DCPA	11.153	11.892	13809.2E6	9287.7E6	693.529	687.439m

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

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Acq On : 12 May 2025 14:30
Operator : AR\AJ
Sample : HSTDICV750
Misc :
ALS Vial : 8 Sample Multiplier: 1

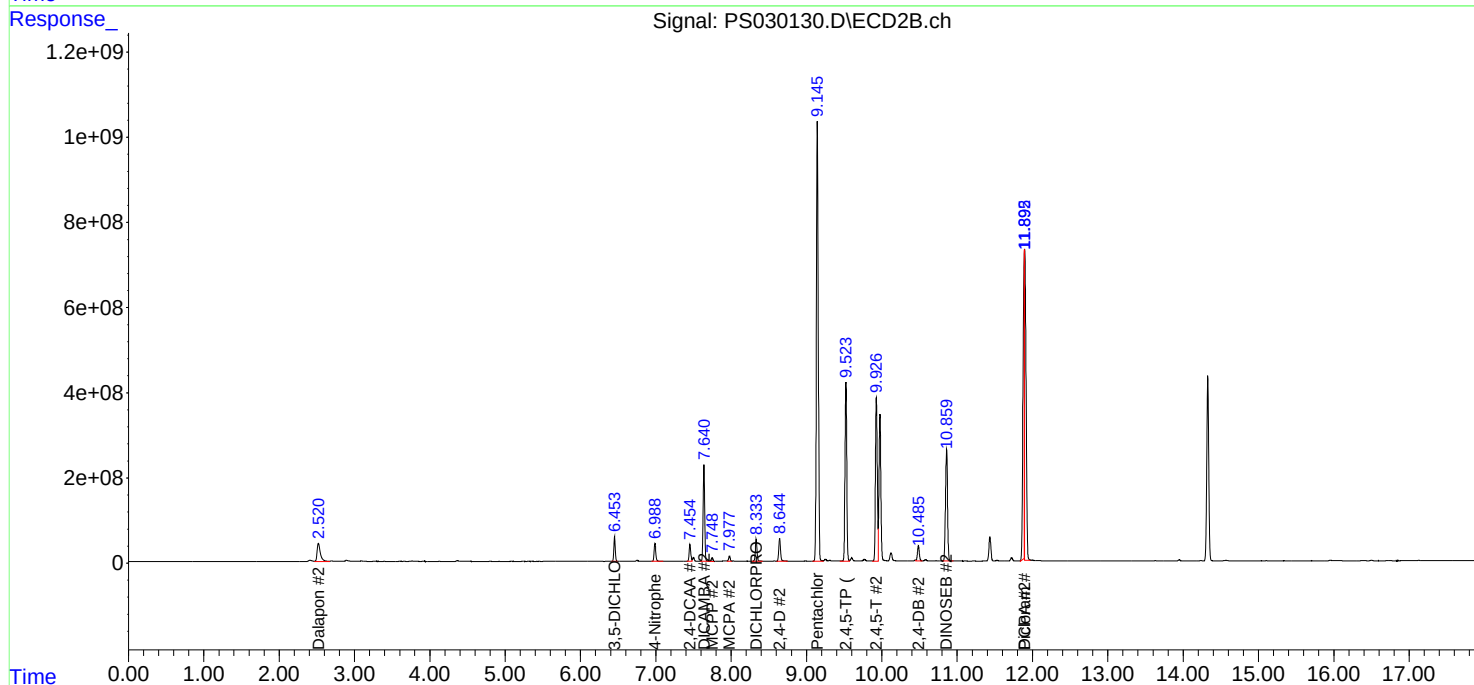
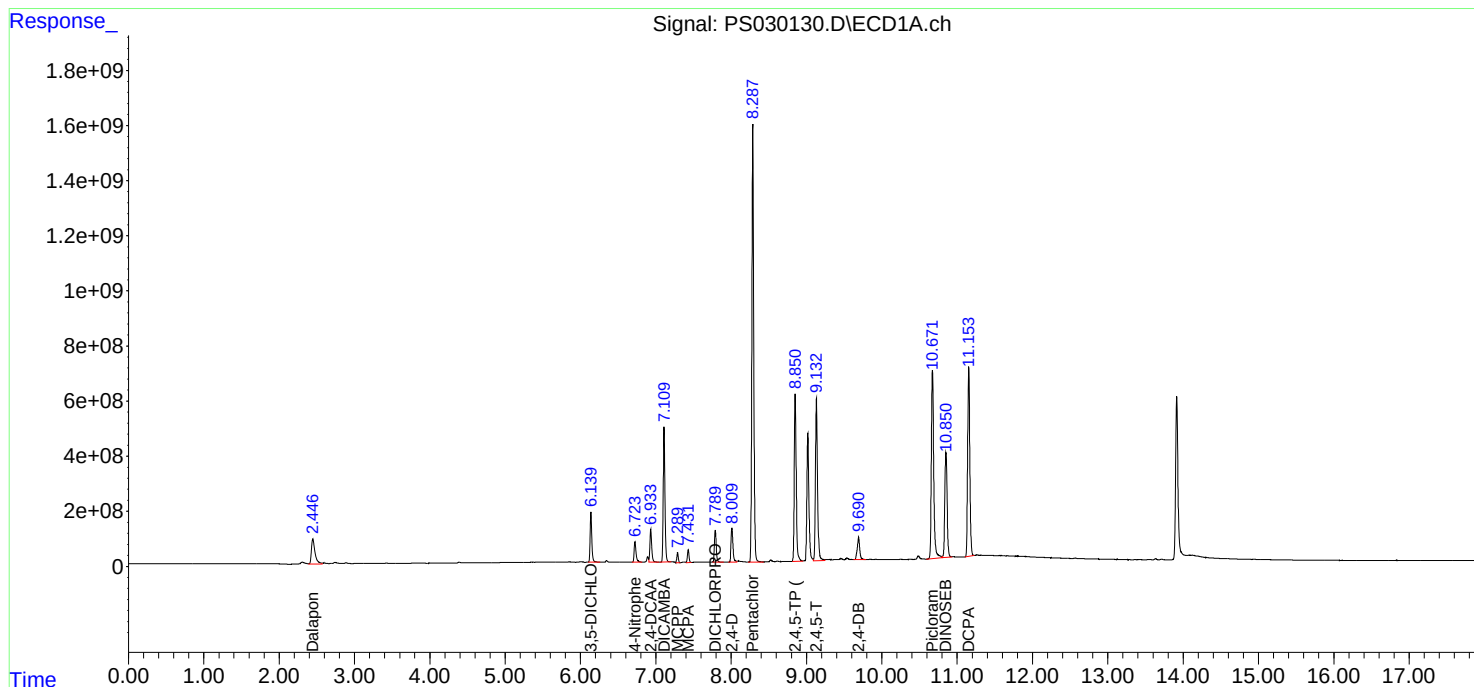
Instrument :
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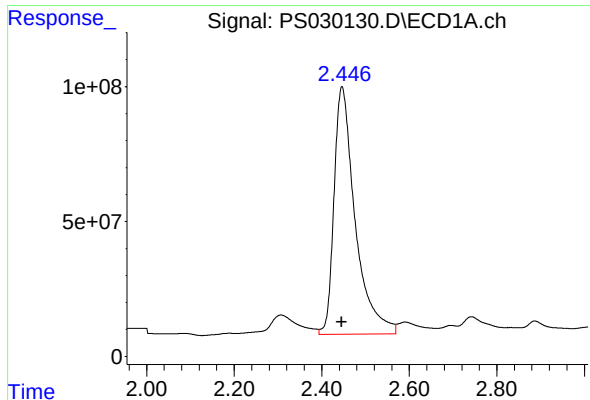
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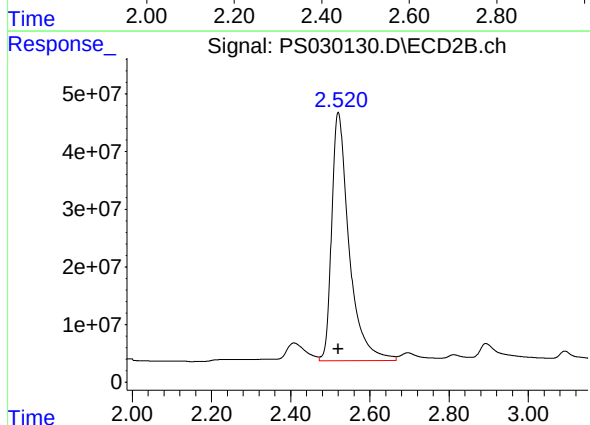
#1 Dalapon

R.T.: 2.446 min
Delta R.T.: 0.000 min
Response: 3076854417
Conc: 625.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS051225

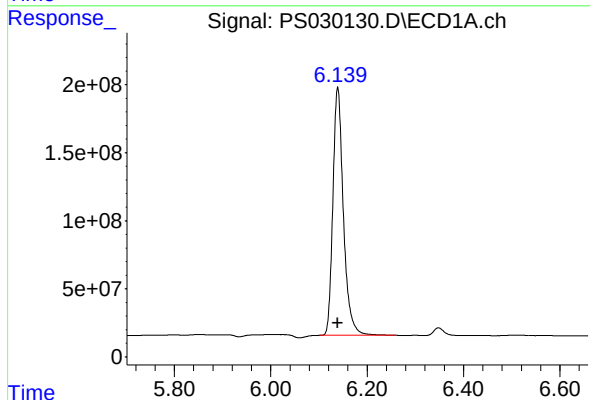
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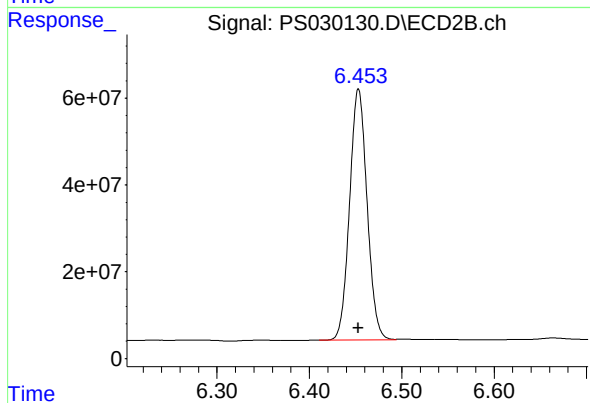
#1 Dalapon

R.T.: 2.520 min
Delta R.T.: 0.000 min
Response: 1314308835
Conc: 647.11 ng/ml



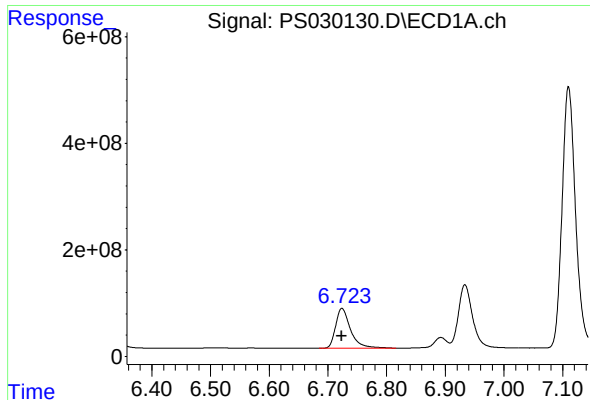
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 2750717381
Conc: 659.56 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 760828672
Conc: 652.61 ng/ml



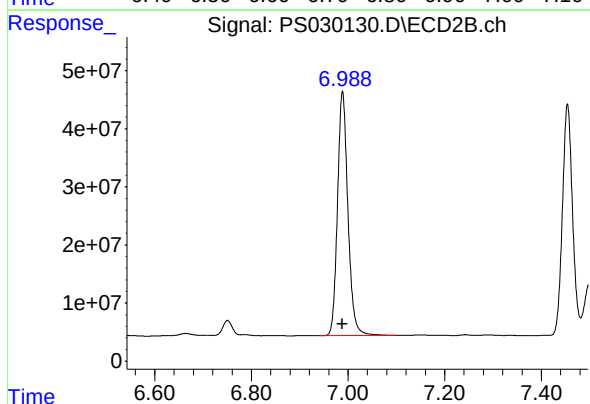
#3 4-Nitrophenol

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 1318908905
Conc: 638.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS051225

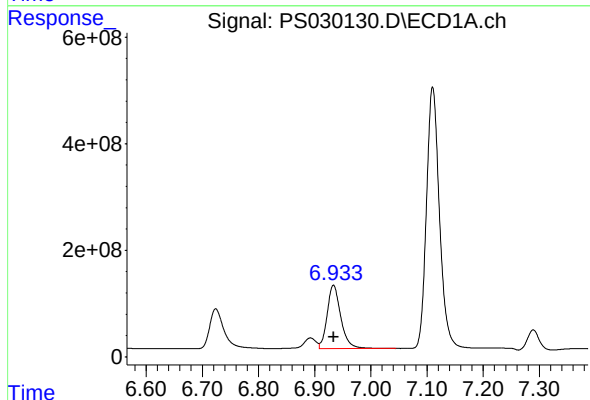
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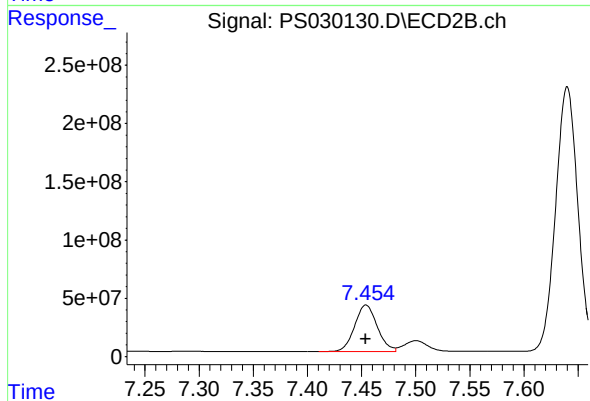
#3 4-Nitrophenol

R.T.: 6.989 min
Delta R.T.: 0.000 min
Response: 628686597
Conc: 602.17 ng/ml



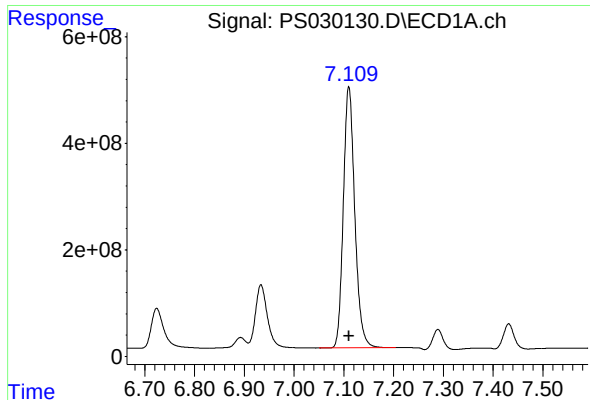
#4 2,4-DCAA

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 2000088764
Conc: 702.33 ng/ml



#4 2,4-DCAA

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 576922713
Conc: 720.97 ng/ml



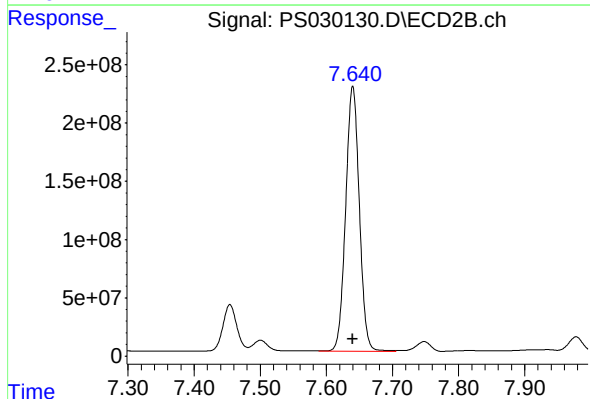
#5 DICAMBA

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 7834826890
Conc: 677.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS051225

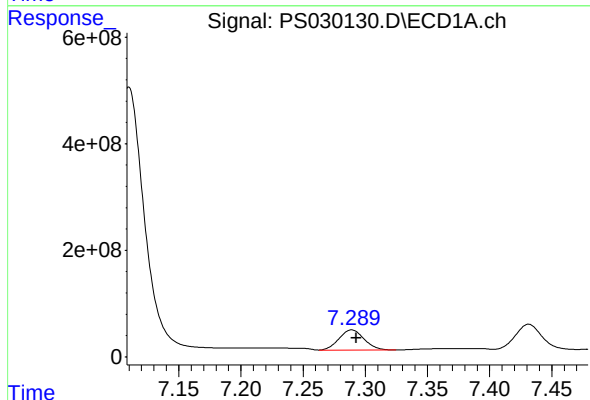
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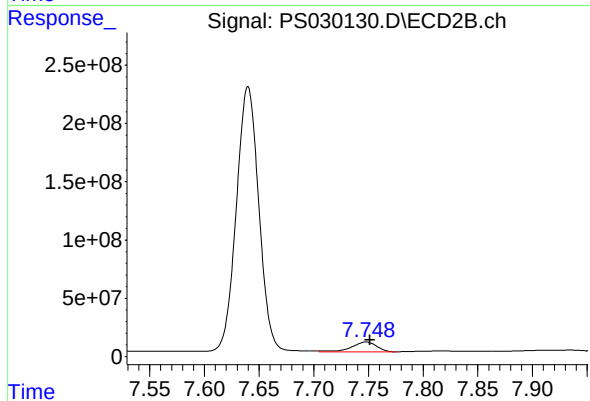
#5 DICAMBA

R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 3263712835
Conc: 690.30 ng/ml



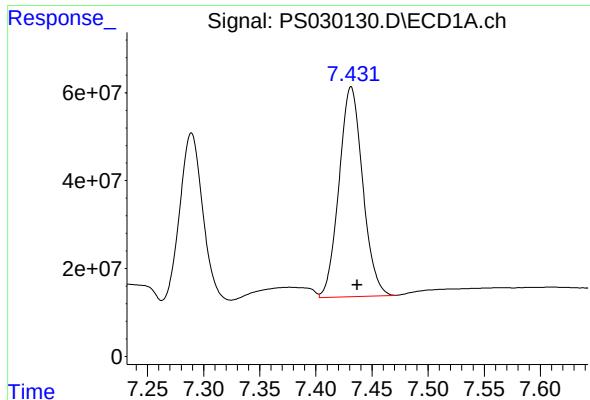
#6 MCPP

R.T.: 7.289 min
Delta R.T.: -0.004 min
Response: 532690959
Conc: 73.14 ug/ml



#6 MCPP

R.T.: 7.748 min
Delta R.T.: -0.003 min
Response: 133532347
Conc: 72.58 ug/ml



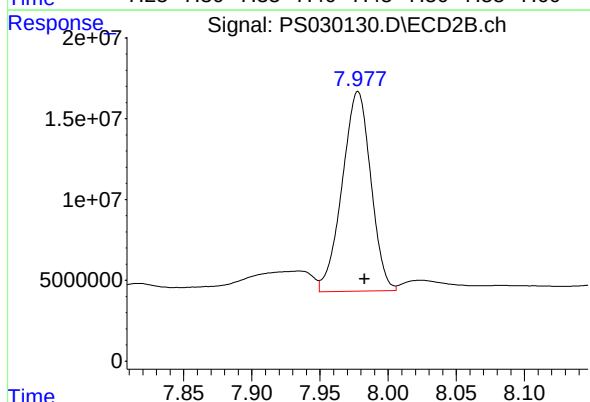
#7 MCPA

R.T.: 7.431 min
Delta R.T.: -0.005 min
Response: 699653234
Conc: 67.40 ug/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS051225

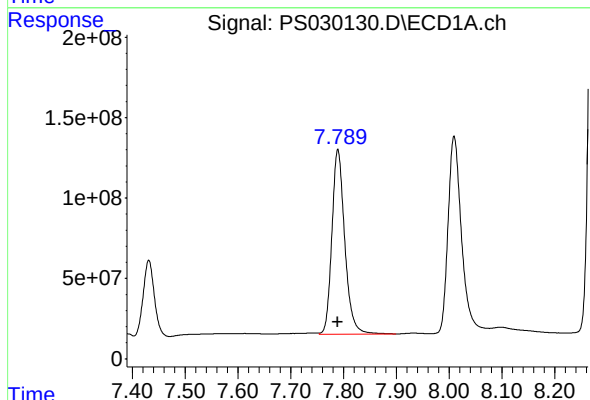
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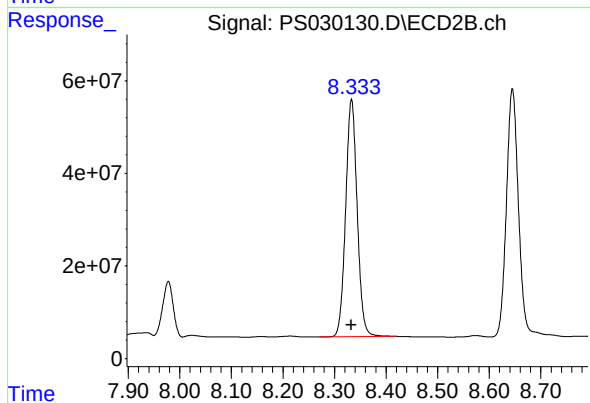
#7 MCPA

R.T.: 7.978 min
Delta R.T.: -0.005 min
Response: 180692602
Conc: 68.50 ug/ml



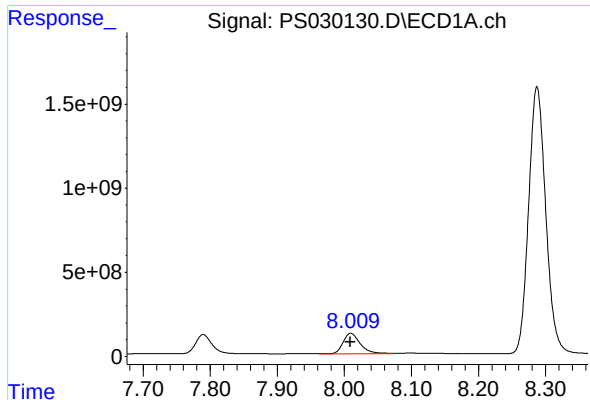
#8 DICHLORPROP

R.T.: 7.790 min
Delta R.T.: 0.000 min
Response: 1940086788
Conc: 664.11 ng/ml



#8 DICHLORPROP

R.T.: 8.333 min
Delta R.T.: 0.000 min
Response: 796844019
Conc: 674.47 ng/ml



#9 2,4-D

R.T.: 8.010 min
Delta R.T.: 0.000 min
Response: 2199974745
Conc: 670.94 ng/ml

Instrument :

ECD_S

ClientSampleId :

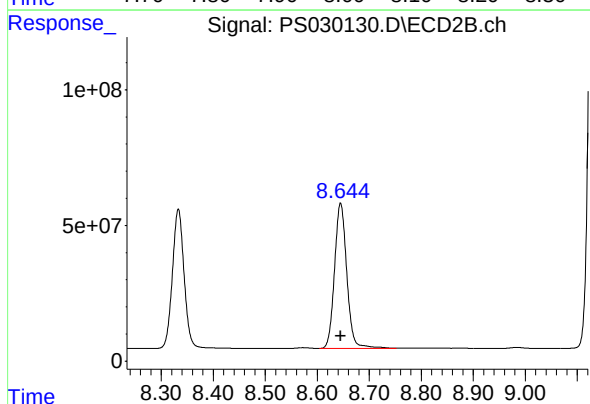
ICVPS051225

Manual Integrations

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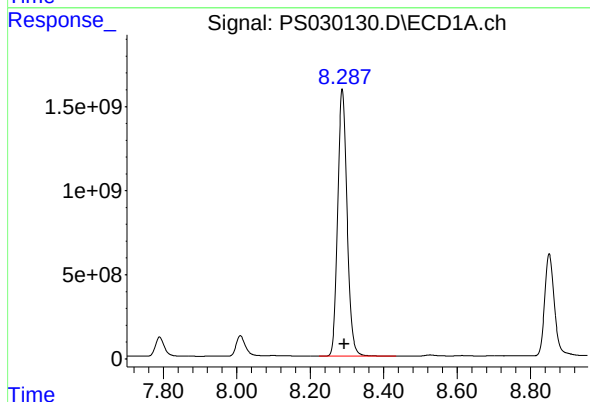
Reviewed By :Abdul Mirza 05/13/2025

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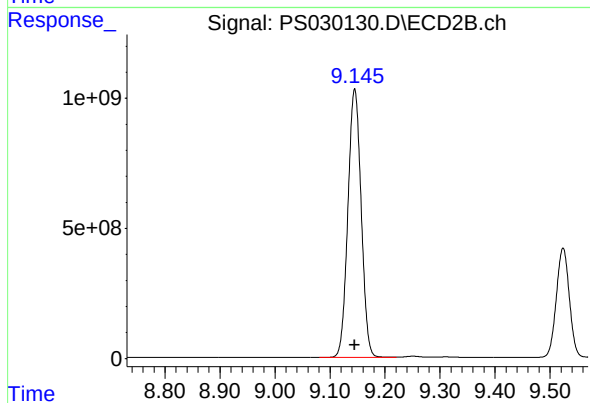
#9 2,4-D

R.T.: 8.645 min
Delta R.T.: 0.000 min
Response: 878719140
Conc: 680.91 ng/ml



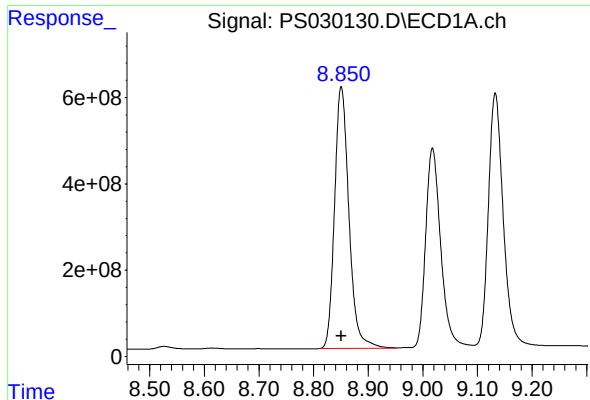
#10 Pentachlorophenol

R.T.: 8.287 min
Delta R.T.: -0.006 min
Response: 28175191156
Conc: 695.67 ng/ml



#10 Pentachlorophenol

R.T.: 9.145 min
Delta R.T.: 0.000 min
Response: 17257037939
Conc: 699.09 ng/ml



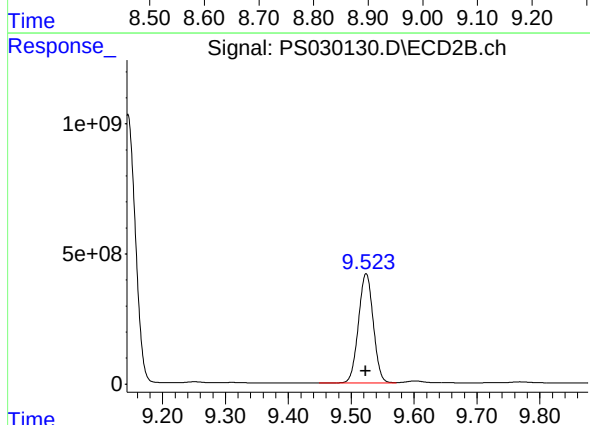
#11 2,4,5-TP (SILVEX)

R.T.: 8.851 min
Delta R.T.: 0.000 min
Response: 11116517323
Conc: 686.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS051225

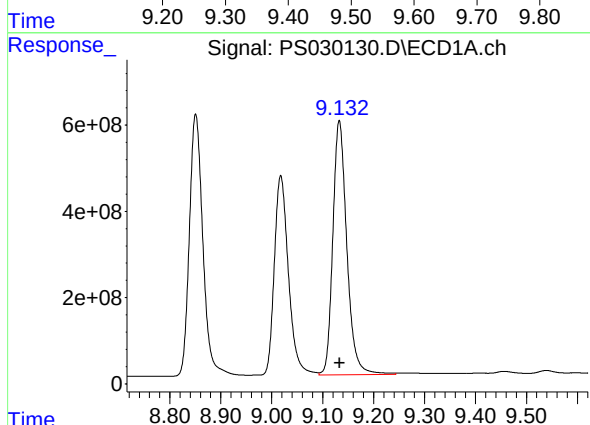
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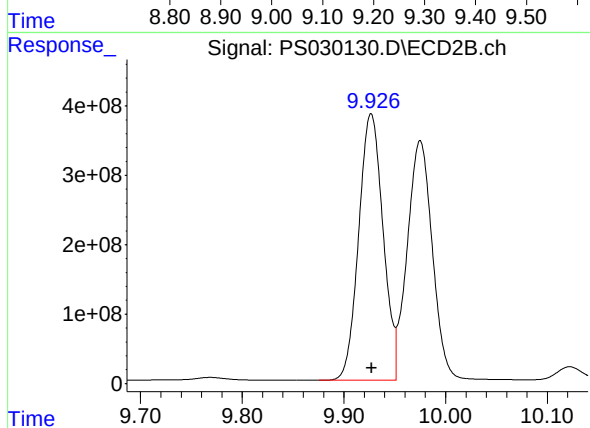
#11 2,4,5-TP (SILVEX)

R.T.: 9.524 min
Delta R.T.: 0.000 min
Response: 6877200404
Conc: 698.16 ng/ml



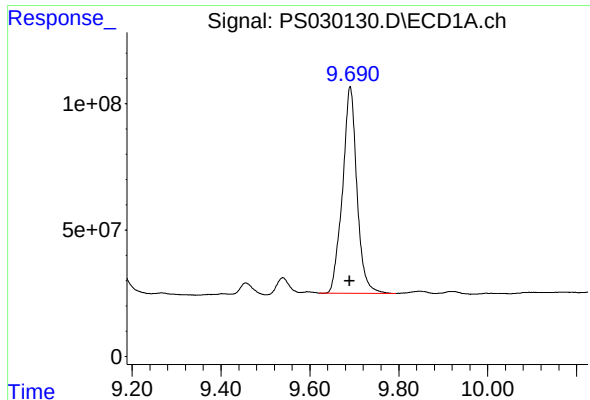
#12 2,4,5-T

R.T.: 9.133 min
Delta R.T.: 0.000 min
Response: 11274562336
Conc: 682.68 ng/ml



#12 2,4,5-T

R.T.: 9.927 min
Delta R.T.: 0.000 min
Response: 6386908148
Conc: 693.96 ng/ml



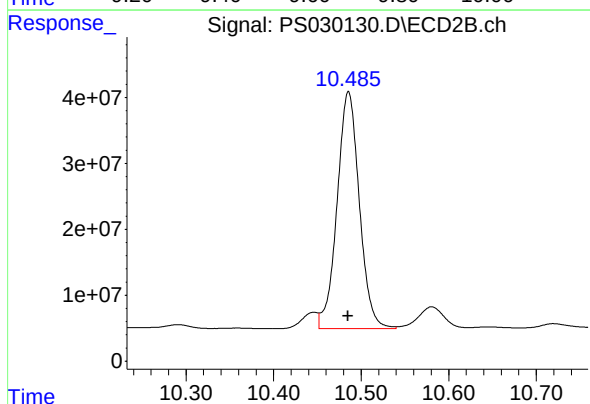
#13 2,4-DB

R.T.: 9.691 min
Delta R.T.: 0.000 min
Response: 1842786133
Conc: 706.11 ng/ml

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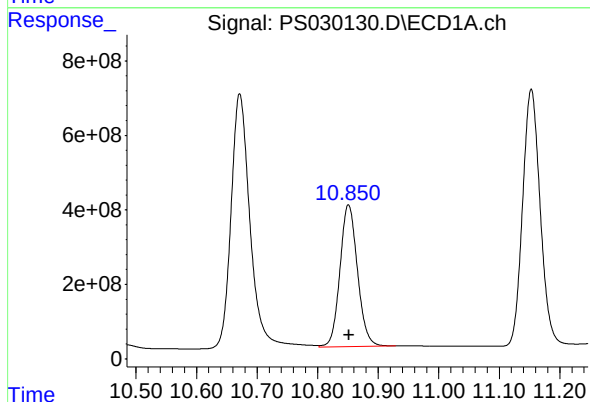
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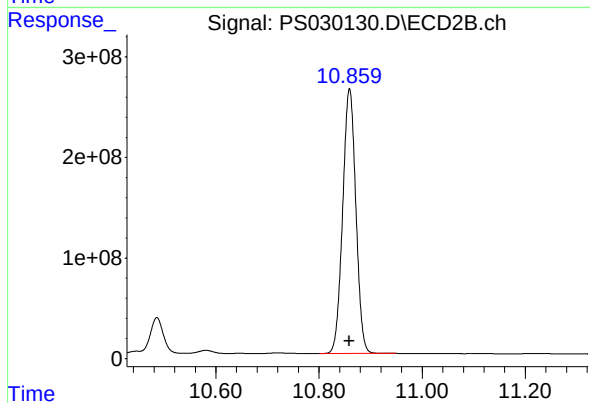
#13 2,4-DB

R.T.: 10.486 min
Delta R.T.: 0.000 min
Response: 635273485
Conc: 640.16 ng/ml



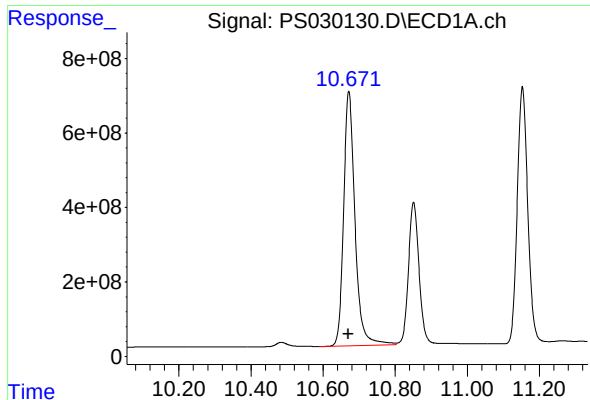
#14 DINOSEB

R.T.: 10.851 min
Delta R.T.: 0.000 min
Response: 7678679118
Conc: 671.43 ng/ml



#14 DINOSEB

R.T.: 10.859 min
Delta R.T.: 0.000 min
Response: 4674103206
Conc: 684.15 ng/ml



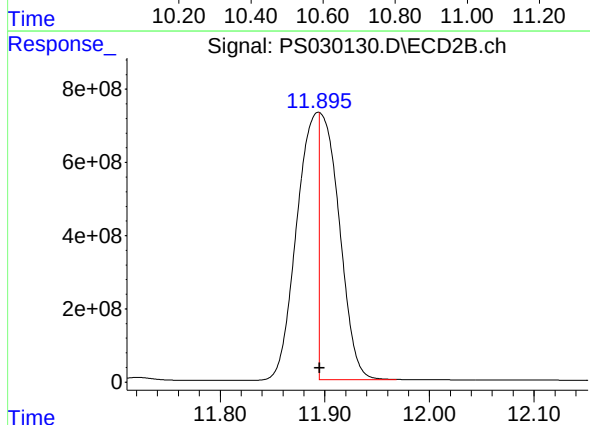
#15 Picloram

R.T.: 10.671 min
Delta R.T.: 0.001 min
Response: 14927746016
Conc: 697.98 ng/ml

Instrument :
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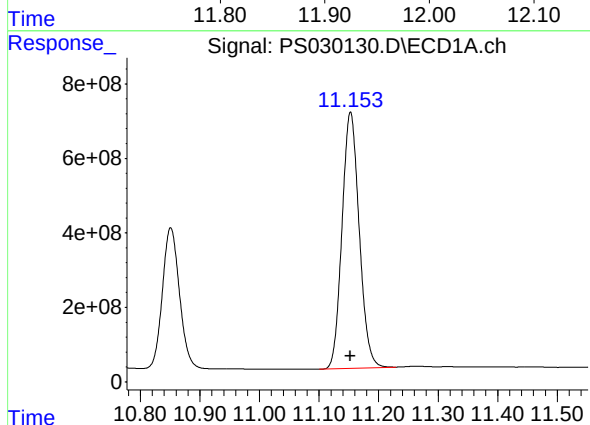
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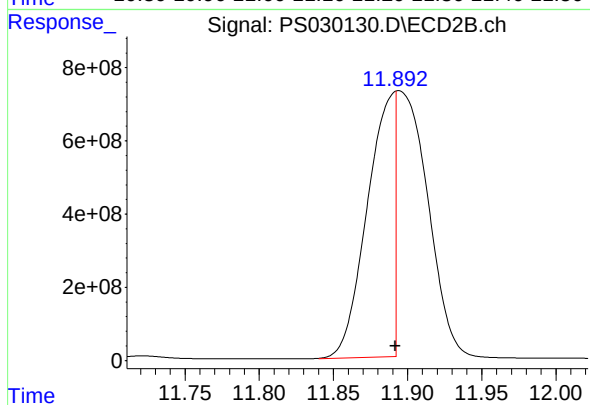
#15 Picloram

R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 9640615954
Conc: 685.04 ng/ml m



#16 DCPA

R.T.: 11.153 min
Delta R.T.: 0.000 min
Response: 13809186596
Conc: 693.53 ng/ml



#16 DCPA

R.T.: 11.892 min
Delta R.T.: 0.000 min
Response: 9287654446
Conc: 687.44 ng/ml m