

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042325\
 Data File : PS029924.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 13:01
 Operator : AR\AJ
 Sample : HSTDICV750
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 ICVPS042325

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/24/2025
 Supervised By : mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 13:20:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 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	6.941	7.467	1785.1E6	522.8E6	725.315	742.096
Target Compounds							
1) T	Dalapon	2.449	2.525	2793.7E6	1167.7E6	682.183	672.600
2) T	3,5-DICHL...	6.145	6.463	2447.4E6	679.4E6	684.816	695.005
3) T	4-Nitroph...	6.732	7.000	1167.8E6	514.6E6	654.846	671.850
5) T	DICAMBA	7.118	7.653	6990.7E6	2822.8E6	705.926	714.619
6) T	MCP	7.297	7.760	467.2E6	127.4E6	72.508	72.837
7) T	MCPA	7.439	7.991	617.1E6	165.5E6	69.876	69.959
8) T	DICHLORPROP	7.798	8.347	1751.5E6	702.7E6	691.189	699.969
9) T	2,4-D	8.018	8.661	1976.8E6	789.4E6	702.764	700.374
10) T	Pentachlo...	8.297	9.163	25231.5E6	14767.7E6	723.277	725.871
11) T	2,4,5-TP ...	8.862	9.542	9894.0E6	5913.4E6	713.706	722.753
12) T	2,4,5-T	9.144	9.947	9990.5E6	5588.6E6	710.908	719.944
13) T	2,4-DB	9.702	10.506	1649.4E6	582.7E6	721.719	724.013
14) T	DINOSEB	10.866	10.881	7070.7E6	4118.9E6	695.014	706.382
15) T	Picloram	10.685	11.923	13255.1E6	9024.0E6	723.112	734.636m
16) T	DCPA	11.167	11.918	12285.5E6	8142.3E6	721.785	722.370m

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

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Acq On : 23 Apr 2025 13:01
Operator : AR\AJ
Sample : HSTDICV750
Misc :
ALS Vial : 8 Sample Multiplier: 1

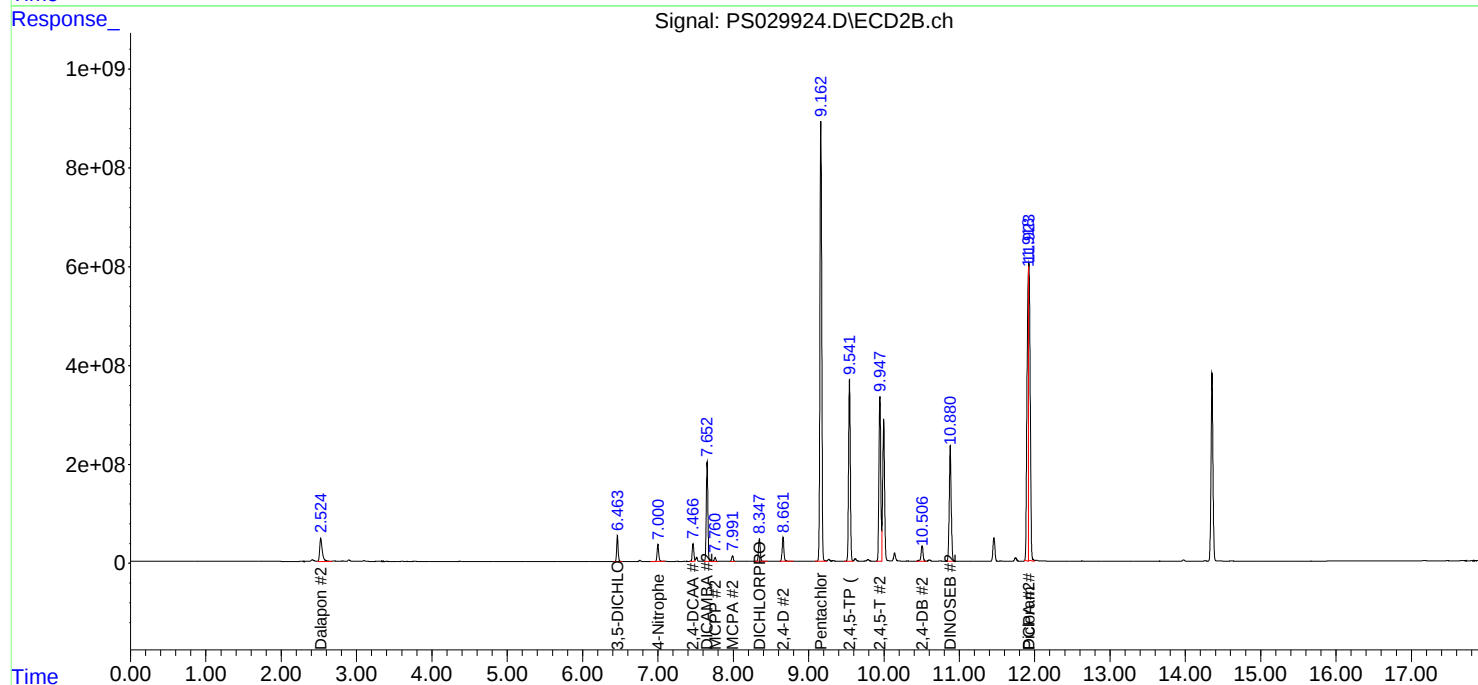
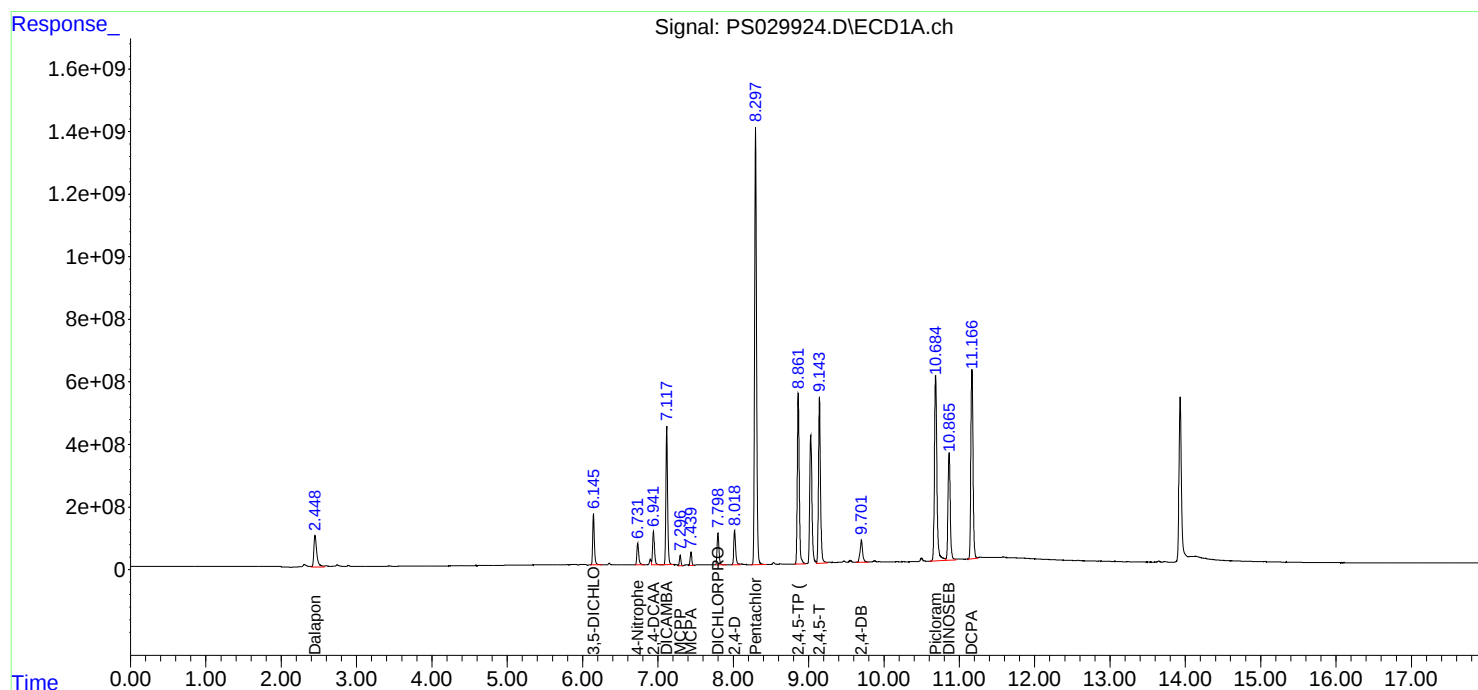
Instrument :
ECD_S
ClientSampleId :
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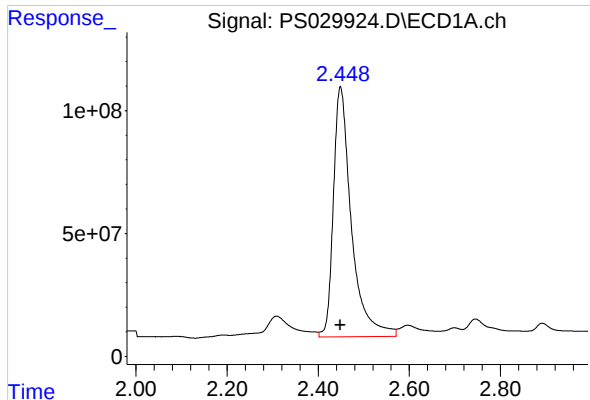
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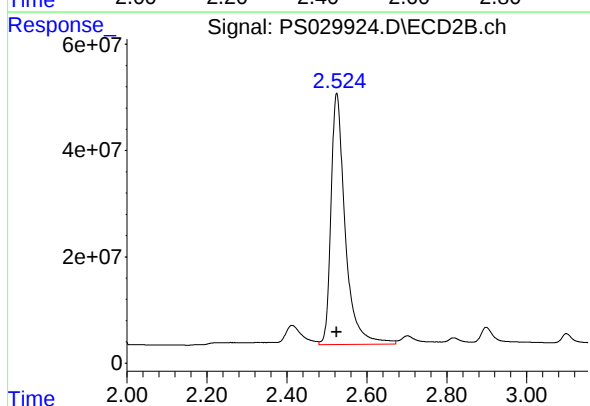
#1 Dalapon

R.T.: 2.449 min
Delta R.T.: 0.000 min
Response: 2793715347
Conc: 682.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS042325

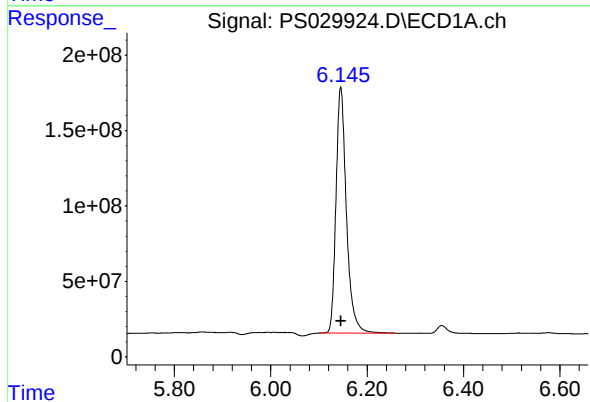
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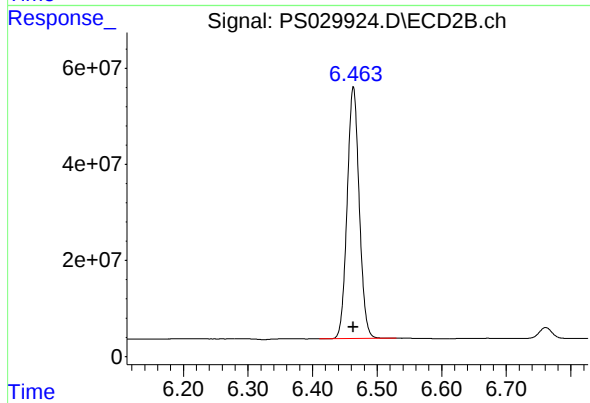
#1 Dalapon

R.T.: 2.525 min
Delta R.T.: 0.000 min
Response: 1167729659
Conc: 672.60 ng/ml



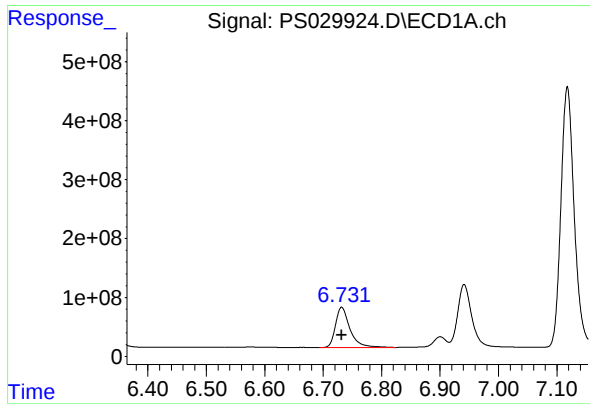
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 2447386587
Conc: 684.82 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 679422841
Conc: 695.01 ng/ml



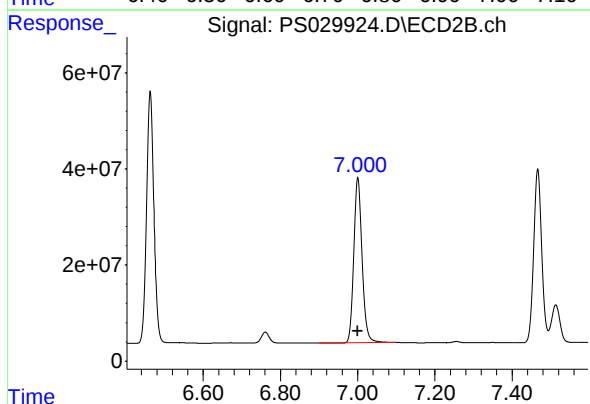
#3 4-Nitrophenol

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 1167800121
Conc: 654.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS042325

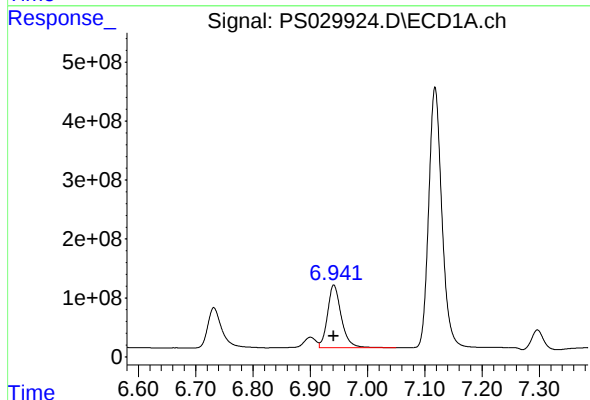
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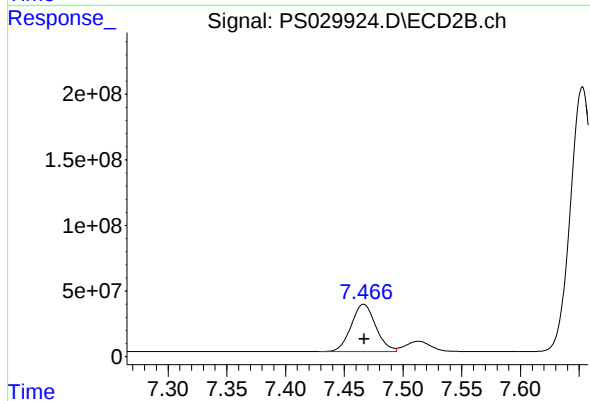
#3 4-Nitrophenol

R.T.: 7.000 min
Delta R.T.: 0.000 min
Response: 514583941
Conc: 671.85 ng/ml



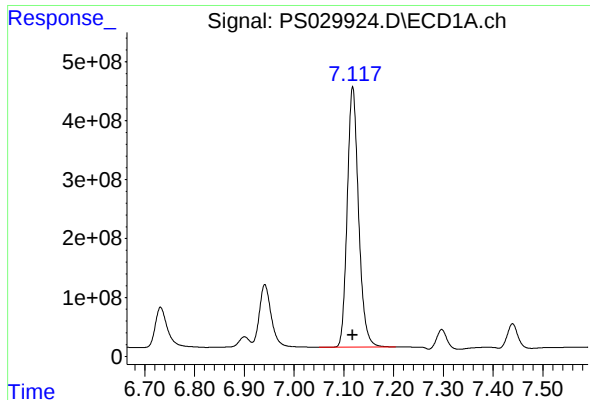
#4 2,4-DCAA

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 1785057977
Conc: 725.32 ng/ml



#4 2,4-DCAA

R.T.: 7.467 min
Delta R.T.: 0.000 min
Response: 522819399
Conc: 742.10 ng/ml



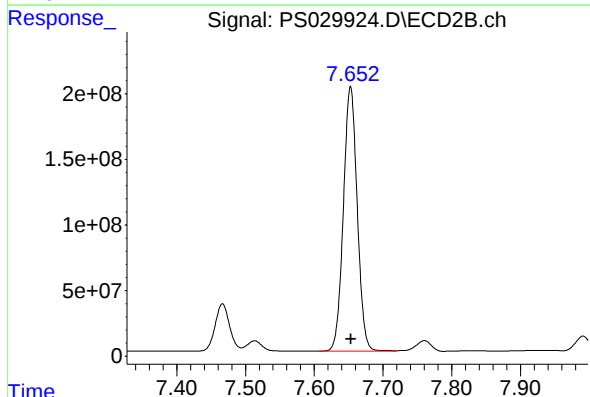
#5 DICAMBA

R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 6990688242
Conc: 705.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS042325

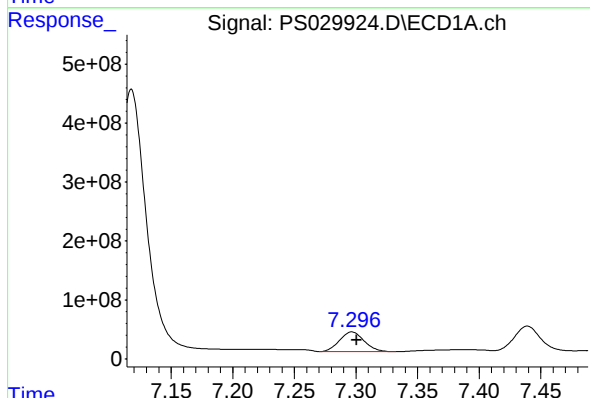
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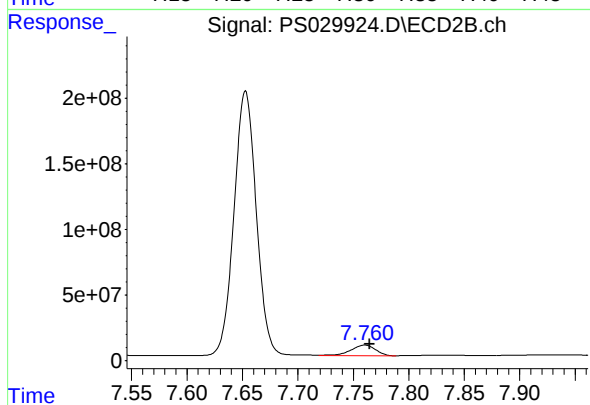
#5 DICAMBA

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 2822792480
Conc: 714.62 ng/ml



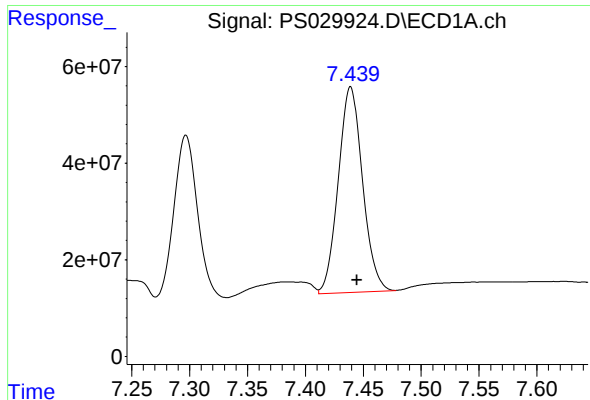
#6 MCP

R.T.: 7.297 min
Delta R.T.: -0.004 min
Response: 467215325
Conc: 72.51 ug/ml



#6 MCP

R.T.: 7.760 min
Delta R.T.: -0.004 min
Response: 127389122
Conc: 72.84 ug/ml



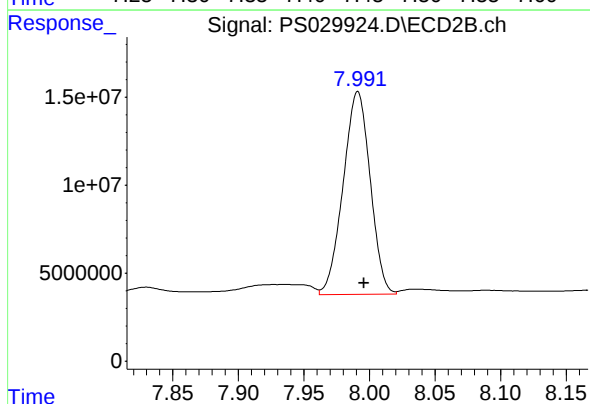
#7 MCPA

R.T.: 7.439 min
Delta R.T.: -0.005 min
Response: 617101386
Conc: 69.88 ug/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS042325

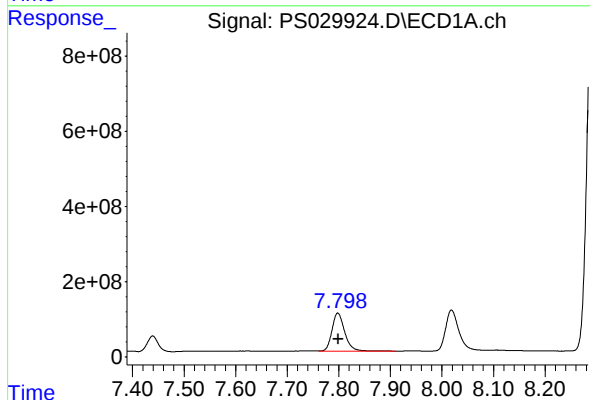
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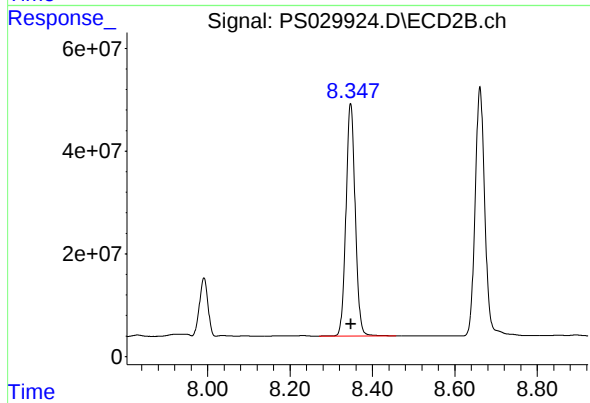
#7 MCPA

R.T.: 7.991 min
Delta R.T.: -0.005 min
Response: 165509058
Conc: 69.96 ug/ml



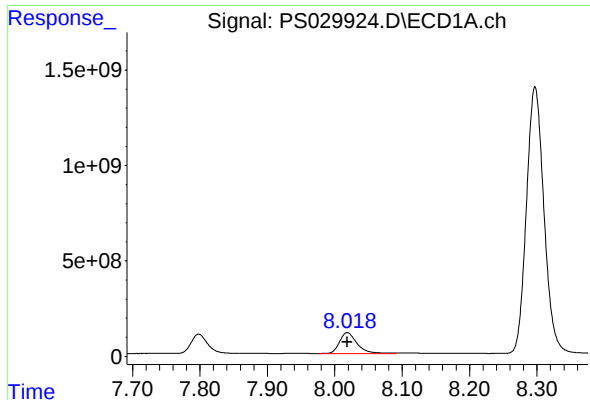
#8 DICHLORPROP

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 1751547333
Conc: 691.19 ng/ml



#8 DICHLORPROP

R.T.: 8.347 min
Delta R.T.: 0.000 min
Response: 702743426
Conc: 699.97 ng/ml



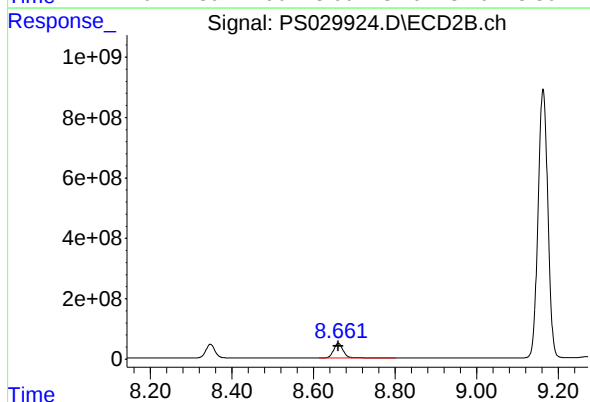
#9 2,4-D

R.T.: 8.018 min
Delta R.T.: 0.000 min
Response: 1976784235
Conc: 702.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS042325

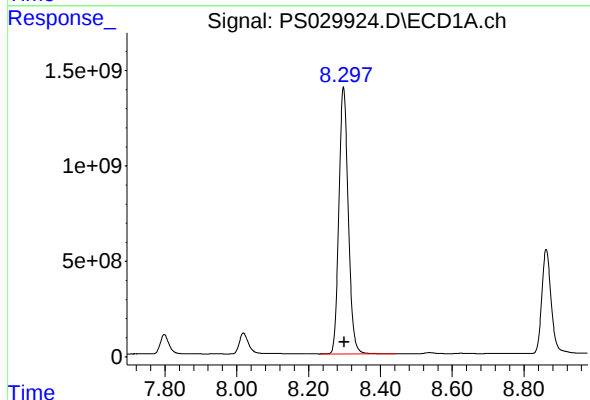
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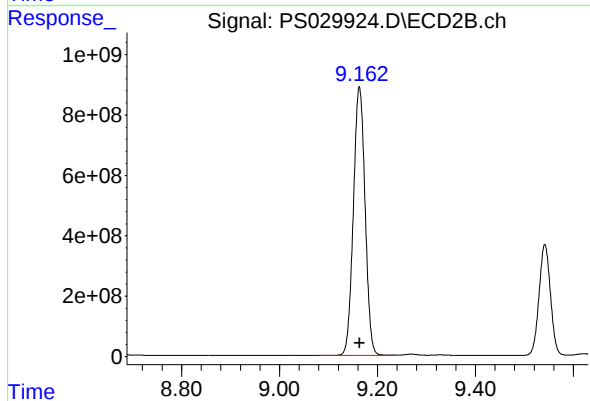
#9 2,4-D

R.T.: 8.661 min
Delta R.T.: 0.000 min
Response: 789396429
Conc: 700.37 ng/ml



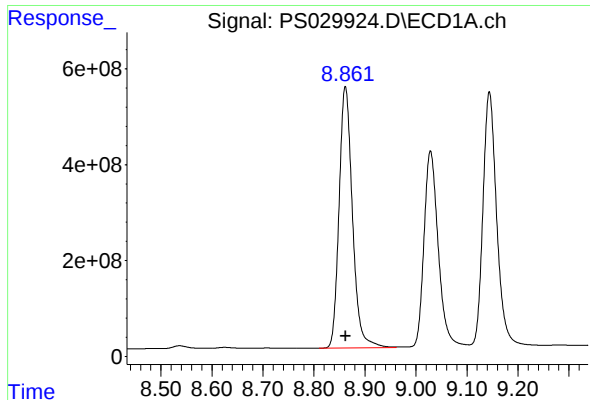
#10 Pentachlorophenol

R.T.: 8.297 min
Delta R.T.: -0.002 min
Response: 25231541630
Conc: 723.28 ng/ml



#10 Pentachlorophenol

R.T.: 9.163 min
Delta R.T.: 0.000 min
Response: 14767707242
Conc: 725.87 ng/ml



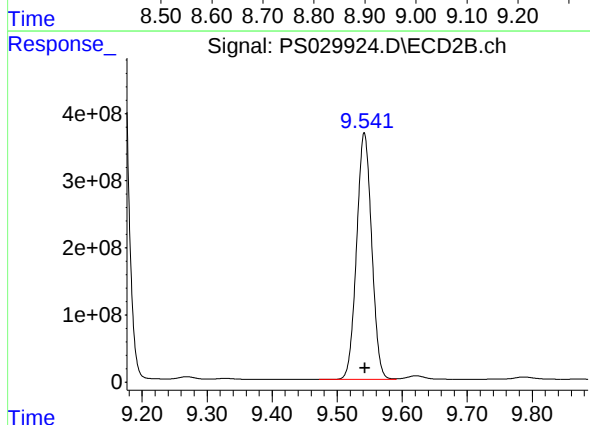
#11 2,4,5-TP (SILVEX)

R.T.: 8.862 min
Delta R.T.: 0.000 min
Response: 9893987718
Conc: 713.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS042325

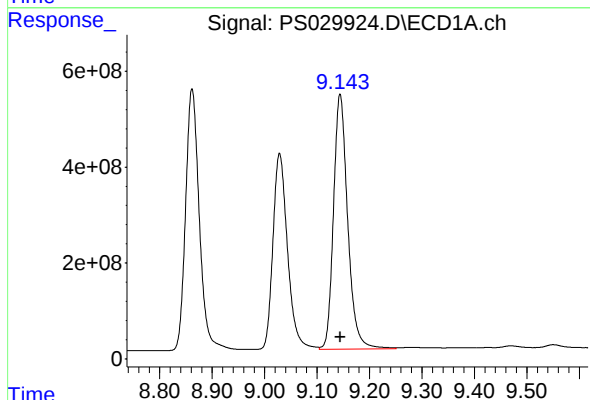
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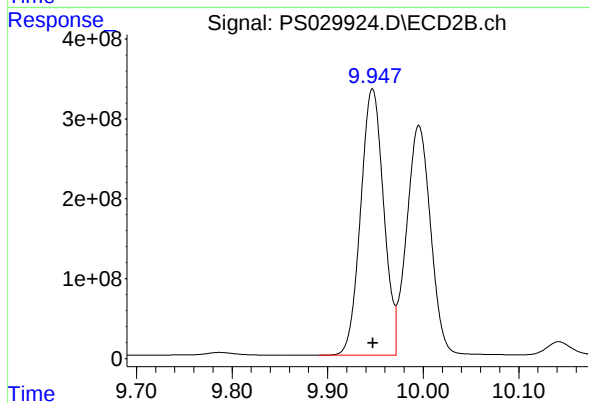
#11 2,4,5-TP (SILVEX)

R.T.: 9.542 min
Delta R.T.: 0.000 min
Response: 5913388172
Conc: 722.75 ng/ml



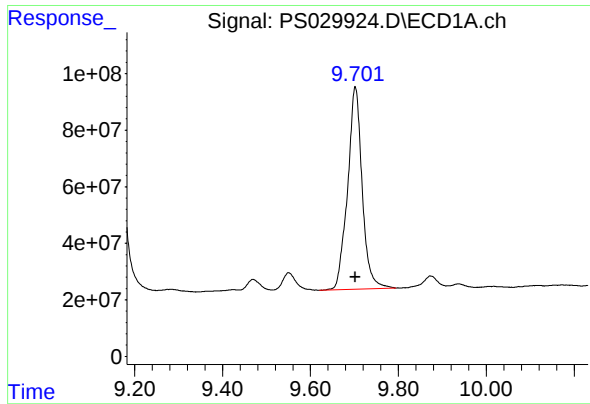
#12 2,4,5-T

R.T.: 9.144 min
Delta R.T.: 0.000 min
Response: 9990461422
Conc: 710.91 ng/ml



#12 2,4,5-T

R.T.: 9.947 min
Delta R.T.: 0.000 min
Response: 5588639706
Conc: 719.94 ng/ml



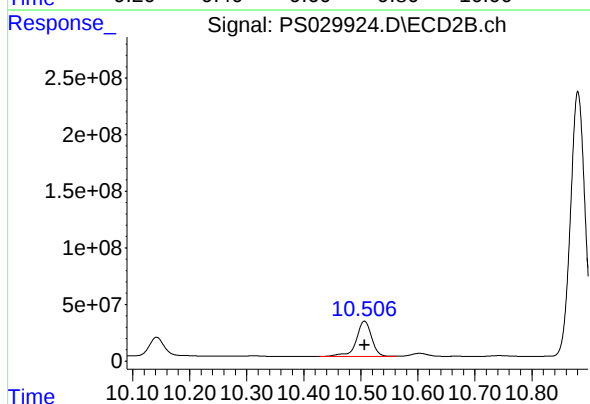
#13 2,4-DB

R.T.: 9.702 min
Delta R.T.: 0.000 min
Response: 1649385436
Conc: 721.72 ng/ml

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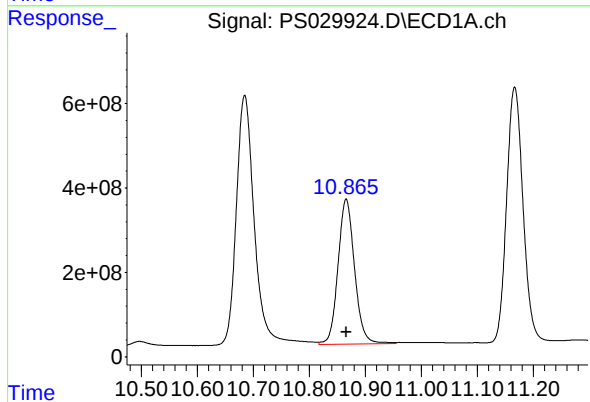
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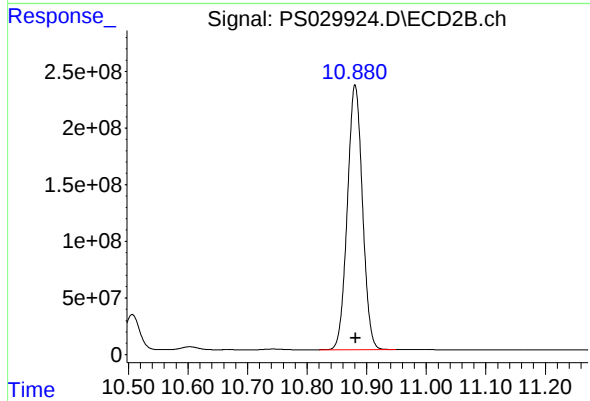
#13 2,4-DB

R.T.: 10.506 min
Delta R.T.: 0.000 min
Response: 582716222
Conc: 724.01 ng/ml



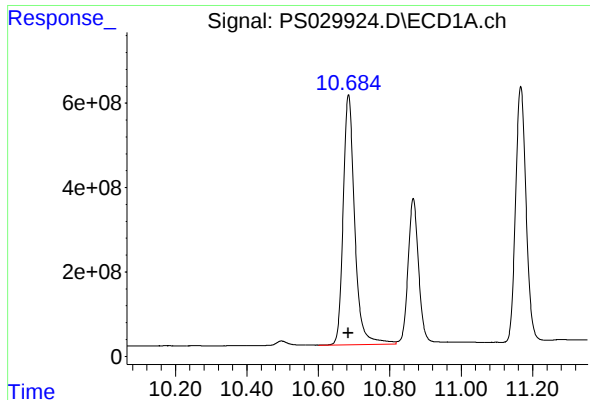
#14 DINOSEB

R.T.: 10.866 min
Delta R.T.: 0.000 min
Response: 7070677904
Conc: 695.01 ng/ml



#14 DINOSEB

R.T.: 10.881 min
Delta R.T.: 0.000 min
Response: 4118901701
Conc: 706.38 ng/ml



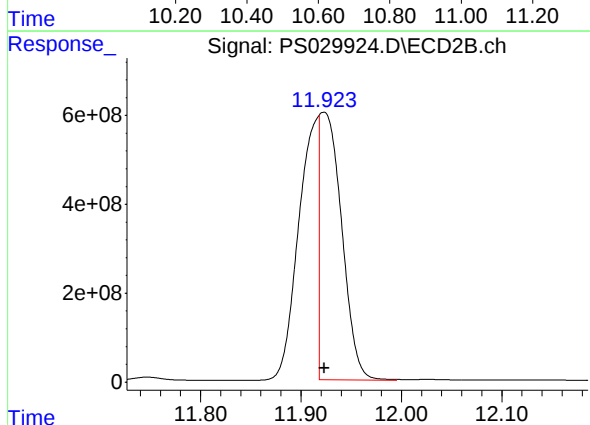
#15 Picloram

R.T.: 10.685 min
Delta R.T.: 0.000 min
Response: 13255096434
Conc: 723.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
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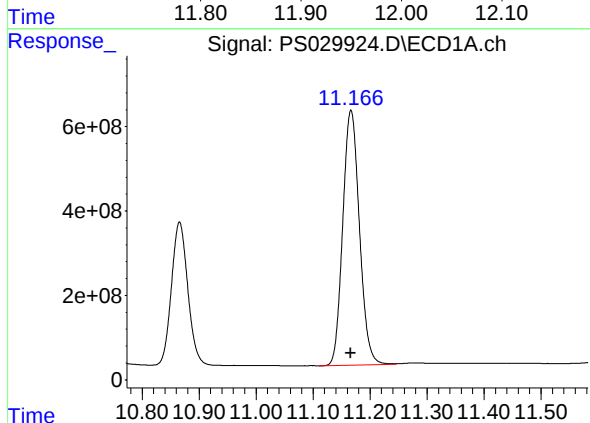
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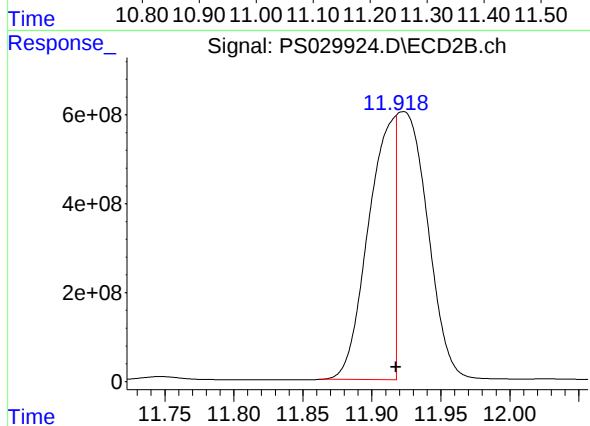
#15 Picloram

R.T.: 11.923 min
Delta R.T.: 0.000 min
Response: 9024004077
Conc: 734.64 ng/ml m



#16 DCPA

R.T.: 11.167 min
Delta R.T.: 0.000 min
Response: 12285496361
Conc: 721.78 ng/ml



#16 DCPA

R.T.: 11.918 min
Delta R.T.: 0.000 min
Response: 8142309135
Conc: 722.37 ng/ml m