

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091225\
 Data File : PS031717.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2025 10:18
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/15/2025
 Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 01:25:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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

System Monitoring Compounds							
4) S	2,4-DCAA	7.286	7.743	2864.4E6	680.0E6	795.328	748.193
Target Compounds							
1) T	Dalapon	2.673	2.692	4027.7E6	1971.9E6	696.748	699.845
2) T	3,5-DICHL...	6.454	6.696	3920.1E6	1008.6E6	735.018	661.388m
3) T	4-Nitroph...	7.096	7.295	821.4E6	841.4E6	744.581m	666.306
5) T	DICAMBA	7.470	7.939	11787.8E6	4698.8E6	755.785	722.129
6) T	MCPD	7.647	8.036	693.3E6	146.3E6	77.552	77.698
7) T	MCPA	7.797	8.284	854.0E6	212.5E6	76.865	75.870
8) T	DICHLORPROP	8.178	8.659	2631.3E6	1068.3E6	738.777	734.210
9) T	2,4-D	8.414	9.001	2536.4E6	1162.4E6	740.425m	706.553
10) T	Pentachlo...	8.710	9.508	42614.5E6	30311.2E6	802.625	763.688
11) T	2,4,5-TP ...	9.286	9.893	16050.5E6	11082.4E6	765.269	736.161
12) T	2,4,5-T	9.584	10.322	14518.6E6	9833.4E6	793.446	730.728
13) T	2,4-DB	10.158	10.890	1663.6E6	740.4E6	713.133m	691.944
14) T	DINOSEB	11.354	11.265	10933.8E6	8119.5E6	758.096m	835.276
15) T	Picloram	11.185	12.386	14580.6E6	18210.6E6	809.538	768.925
16) T	DCPA	11.653	12.306	20960.7E6	17435.3E6	777.767	723.332

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

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Acq On : 12 Sep 2025 10:18
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

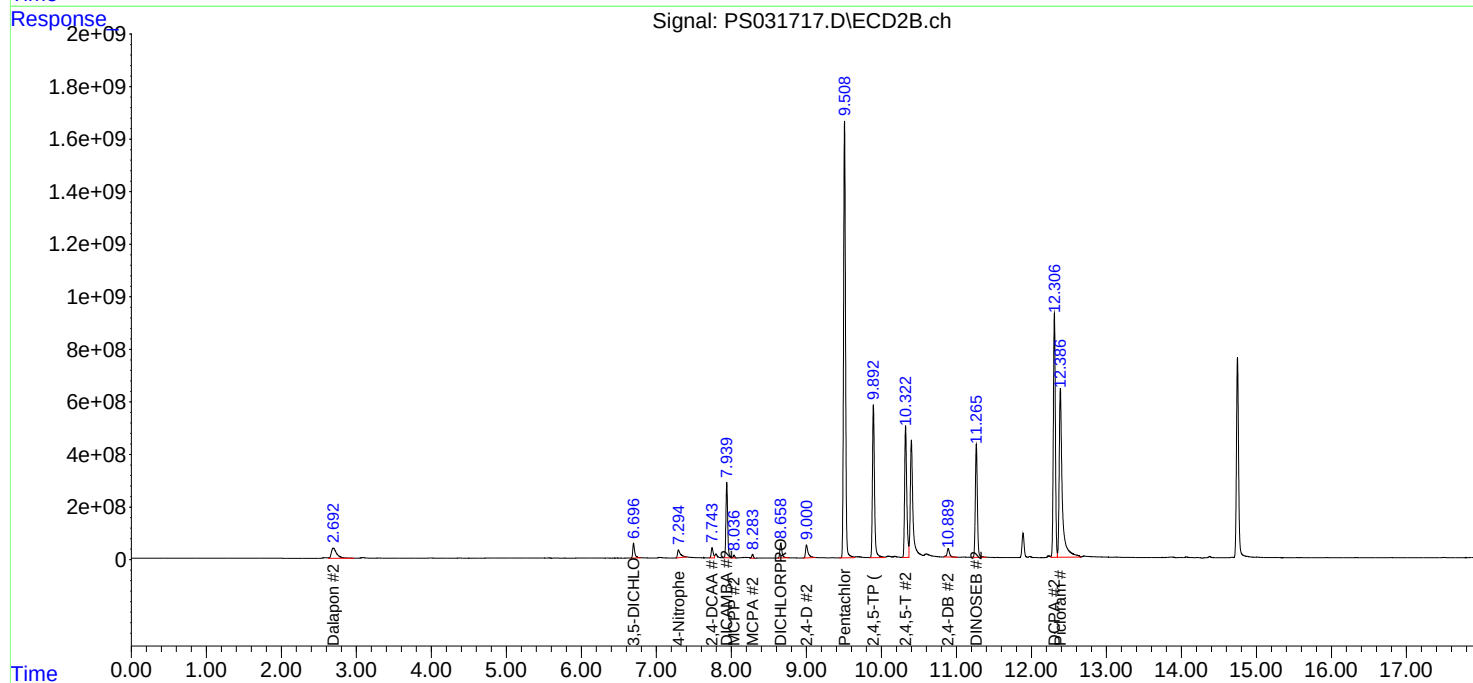
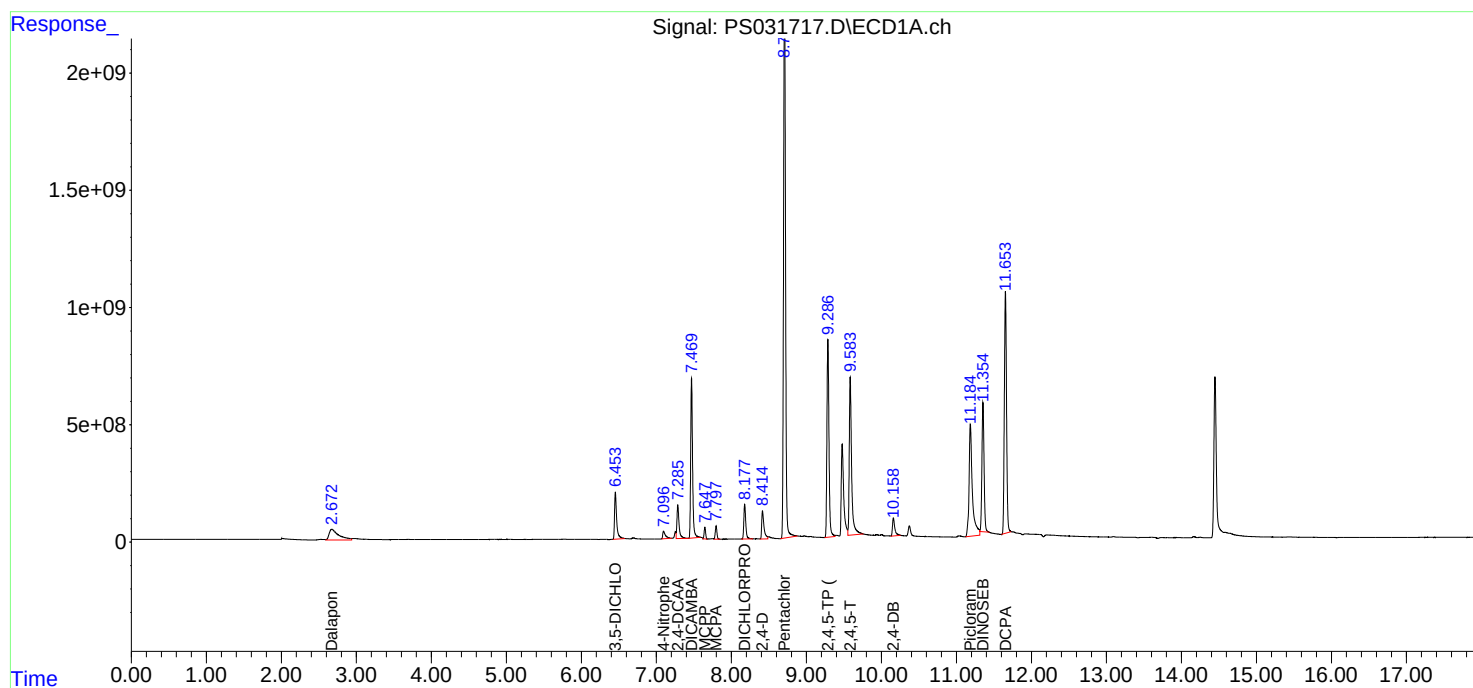
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

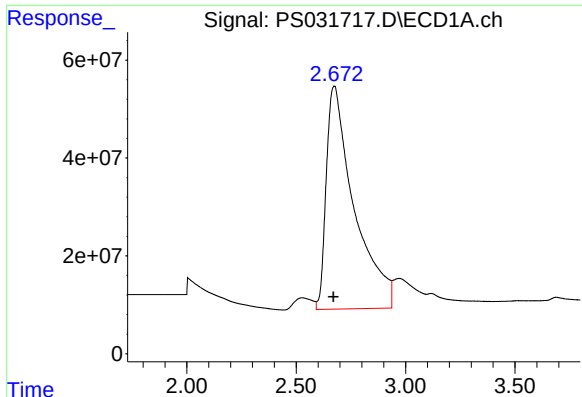
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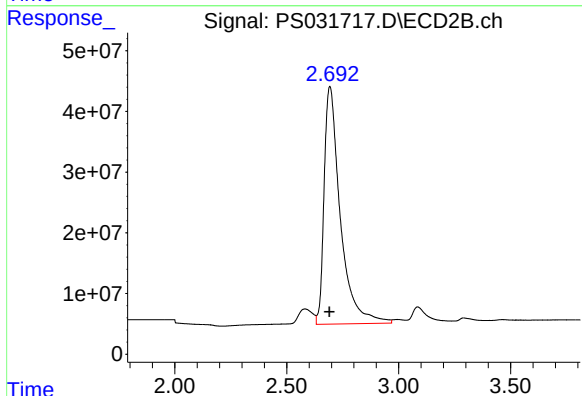
#1 Dalapon

R.T.: 2.673 min
Delta R.T.: 0.002 min
Response: 4027721366
Conc: 696.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

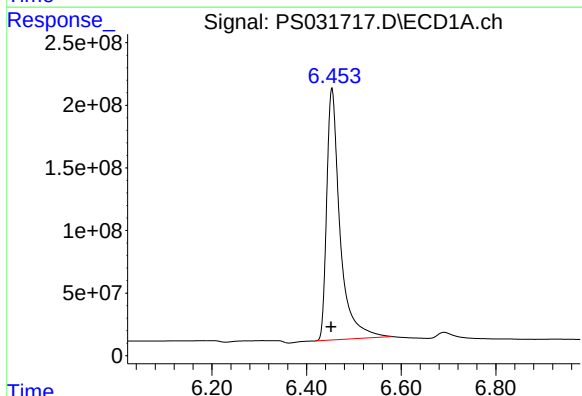
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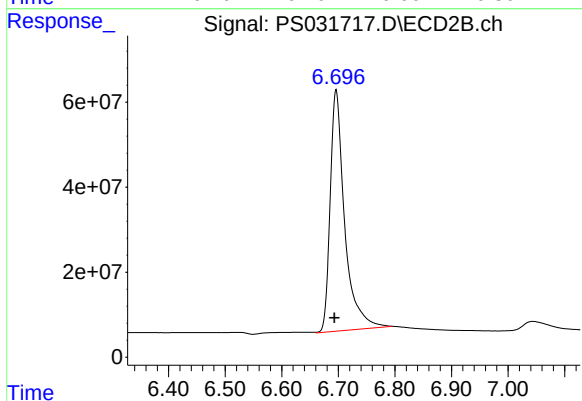
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: 0.000 min
Response: 1971902496
Conc: 699.85 ng/ml



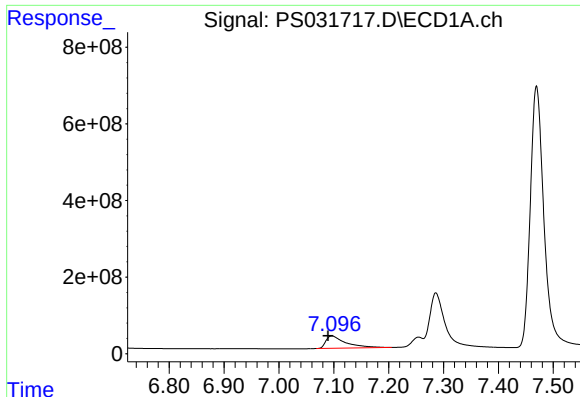
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: 0.002 min
Response: 3920115341
Conc: 735.02 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: 0.003 min
Response: 1008593638
Conc: 661.39 ng/ml m



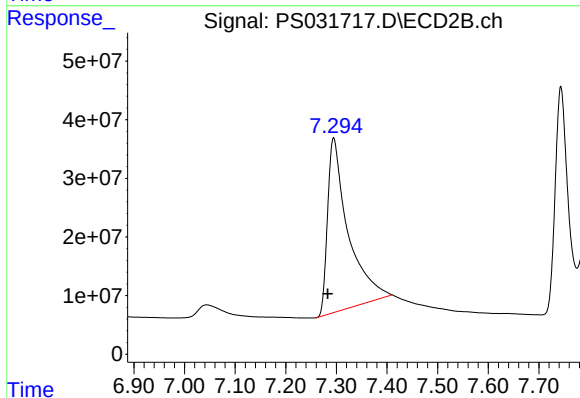
#3 4-Nitrophenol

R.T.: 7.096 min
Delta R.T.: 0.006 min
Response: 821428792
Conc: 744.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

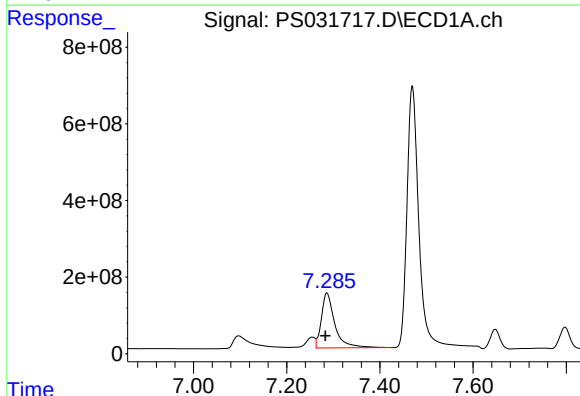
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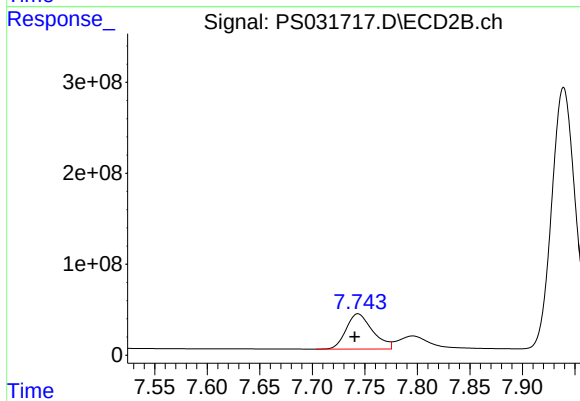
#3 4-Nitrophenol

R.T.: 7.295 min
Delta R.T.: 0.012 min
Response: 841402361
Conc: 666.31 ng/ml



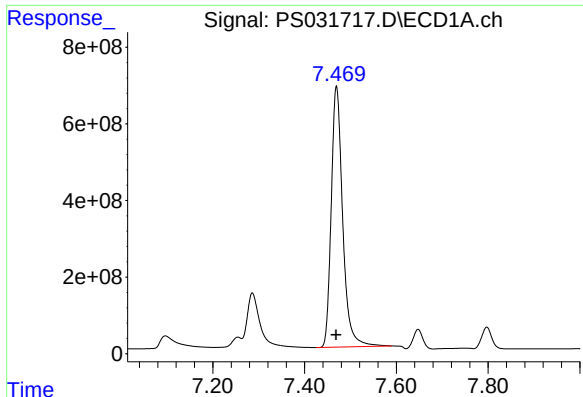
#4 2,4-DCAA

R.T.: 7.286 min
Delta R.T.: 0.003 min
Response: 2864393733
Conc: 795.33 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: 0.003 min
Response: 680032165
Conc: 748.19 ng/ml



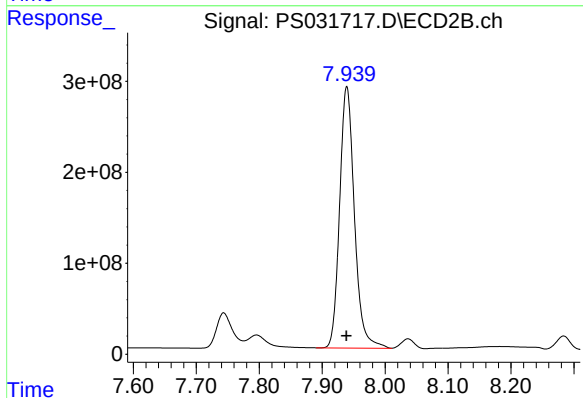
#5 DICAMBA

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 11787758304
Conc: 755.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

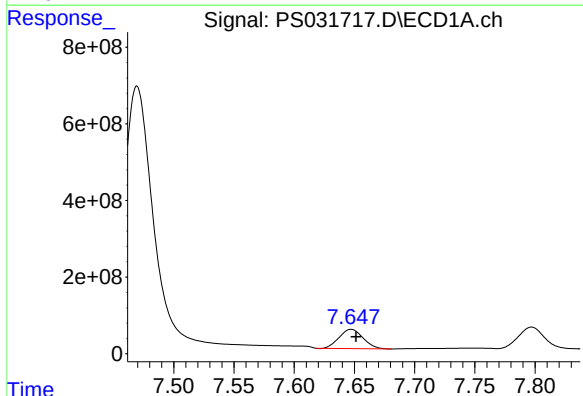
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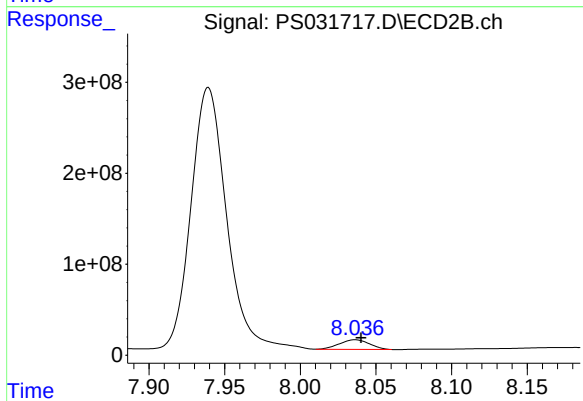
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 4698781217
Conc: 722.13 ng/ml



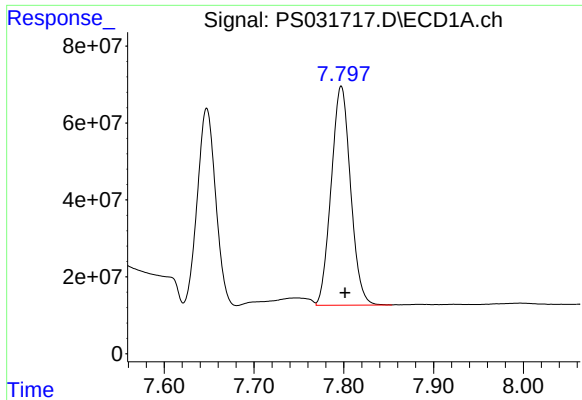
#6 MCPP

R.T.: 7.647 min
Delta R.T.: -0.004 min
Response: 693255585
Conc: 77.55 ug/ml



#6 MCPP

R.T.: 8.036 min
Delta R.T.: -0.004 min
Response: 146337325
Conc: 77.70 ug/ml



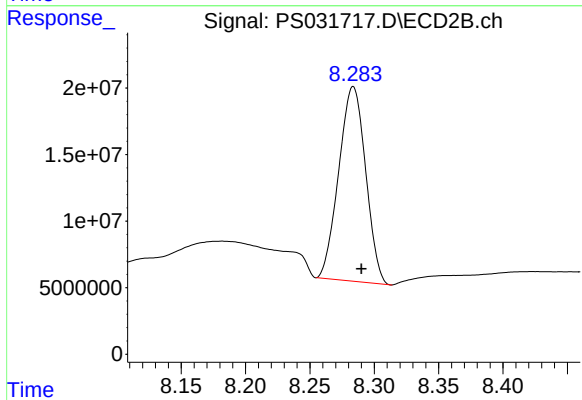
#7 MCPA

R.T.: 7.797 min
Delta R.T.: -0.004 min
Response: 854006934
Conc: 76.87 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

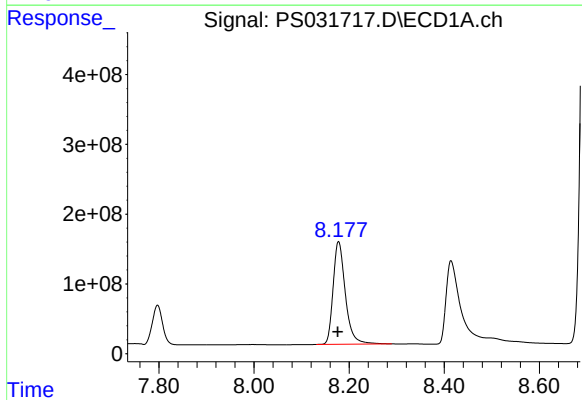
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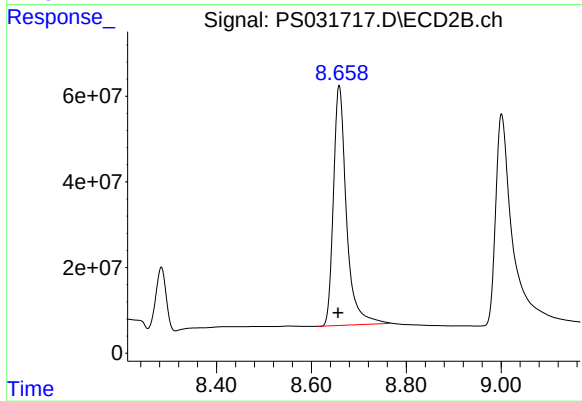
#7 MCPA

R.T.: 8.284 min
Delta R.T.: -0.006 min
Response: 212527929
Conc: 75.87 ug/ml



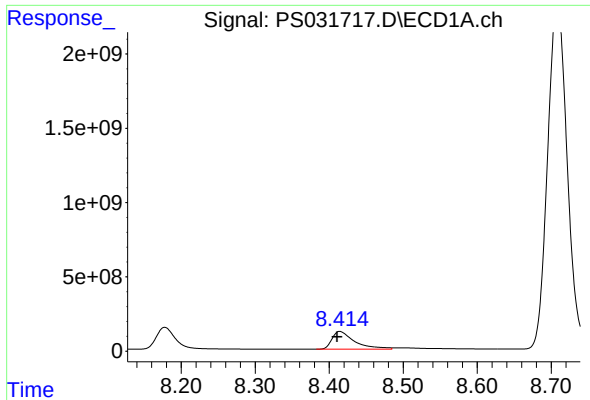
#8 DICHLORPROP

R.T.: 8.178 min
Delta R.T.: 0.001 min
Response: 2631349321
Conc: 738.78 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min
Delta R.T.: 0.002 min
Response: 1068319138
Conc: 734.21 ng/ml



#9 2,4-D

R.T.: 8.414 min
Delta R.T.: 0.003 min
Response: 2536429821
Conc: 740.42 ng/ml

Instrument :

ECD_S

ClientSampleId :

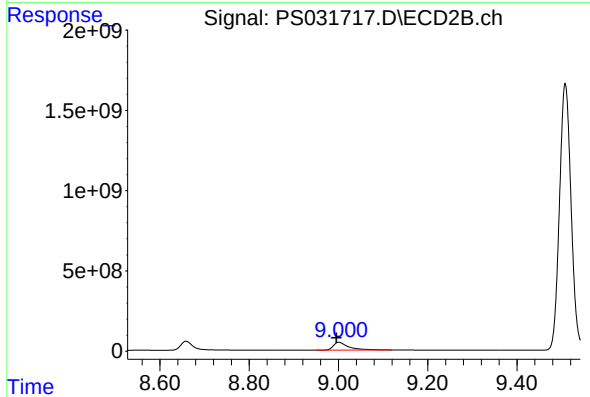
HSTDCCC750

Manual Integrations

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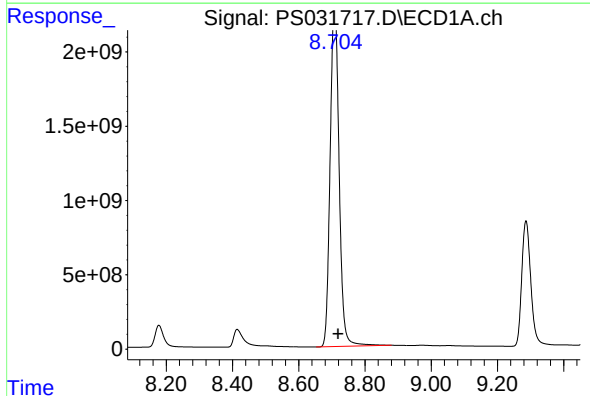
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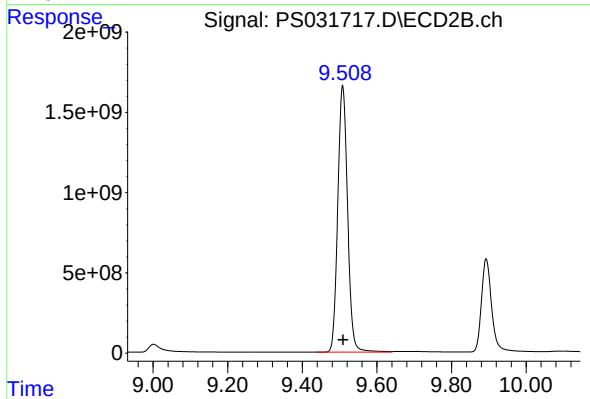
#9 2,4-D

R.T.: 9.001 min
Delta R.T.: 0.005 min
Response: 1162358257
Conc: 706.55 ng/ml



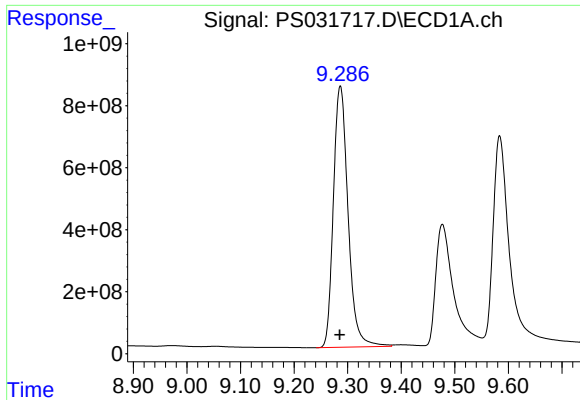
#10 Pentachlorophenol

R.T.: 8.710 min
Delta R.T.: -0.009 min
Response: 42614453838
Conc: 802.63 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.001 min
Response: 30311175556
Conc: 763.69 ng/ml



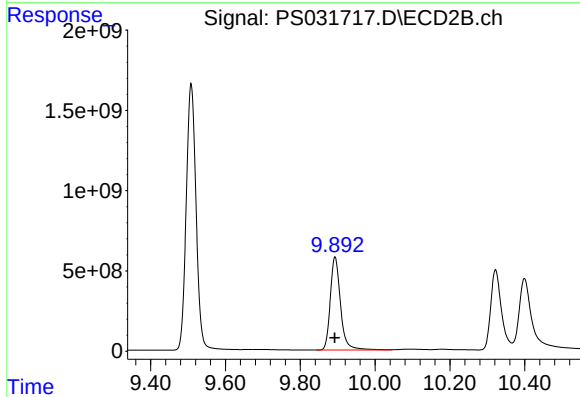
#11 2,4,5-TP (SILVEX)

R.T.: 9.286 min
Delta R.T.: 0.001 min
Response: 16050506819
Conc: 765.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

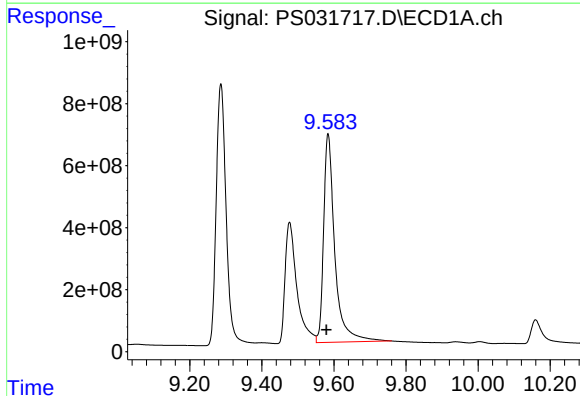
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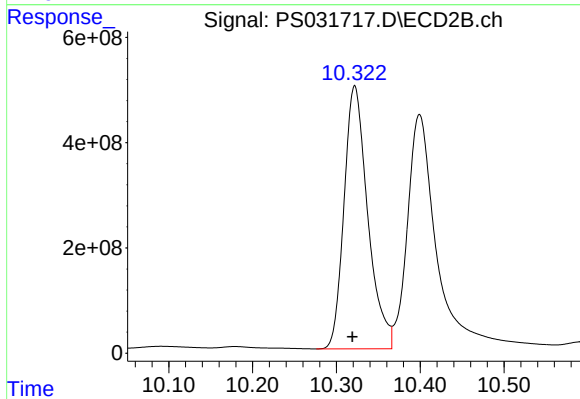
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: 0.000 min
Response: 11082394236
Conc: 736.16 ng/ml



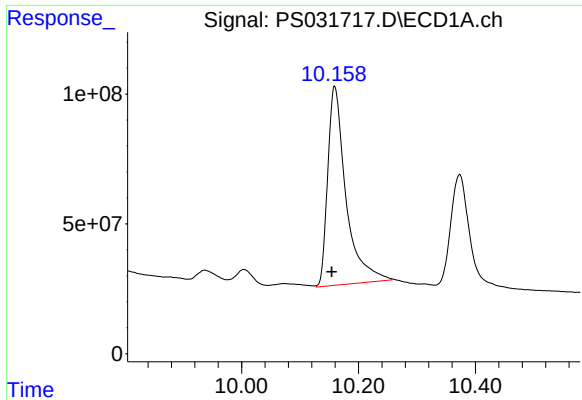
#12 2,4,5-T

R.T.: 9.584 min
Delta R.T.: 0.004 min
Response: 14518613473
Conc: 793.45 ng/ml



#12 2,4,5-T

R.T.: 10.322 min
Delta R.T.: 0.003 min
Response: 9833414849
Conc: 730.73 ng/ml



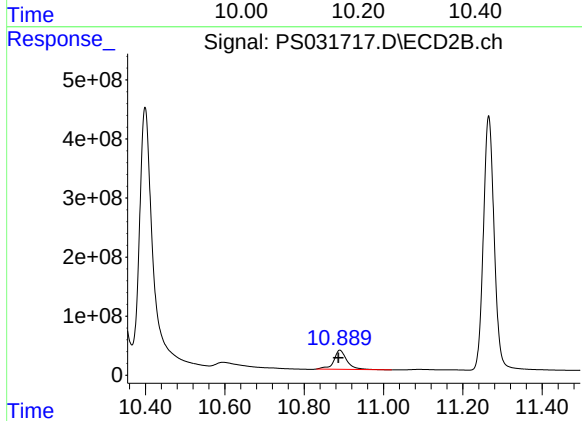
#13 2,4-DB

R.T.: 10.158 min
Delta R.T.: 0.004 min
Response: 1663573615
Conc: 713.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

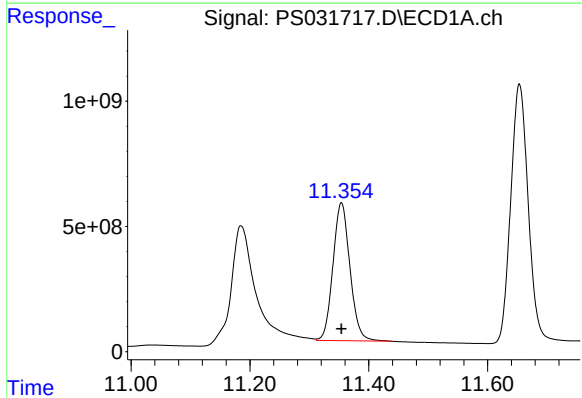
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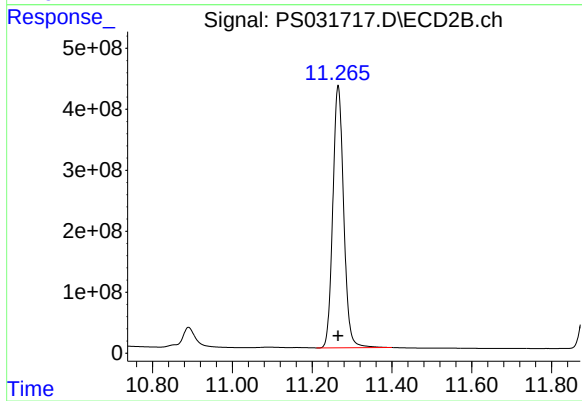
#13 2,4-DB

R.T.: 10.890 min
Delta R.T.: 0.003 min
Response: 740410765
Conc: 691.94 ng/ml



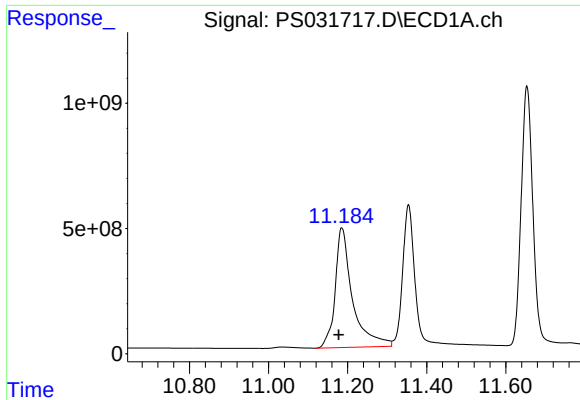
#14 DINOSEB

R.T.: 11.354 min
Delta R.T.: 0.000 min
Response: 10933776517
Conc: 758.10 ng/ml m



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 8119455271
Conc: 835.28 ng/ml



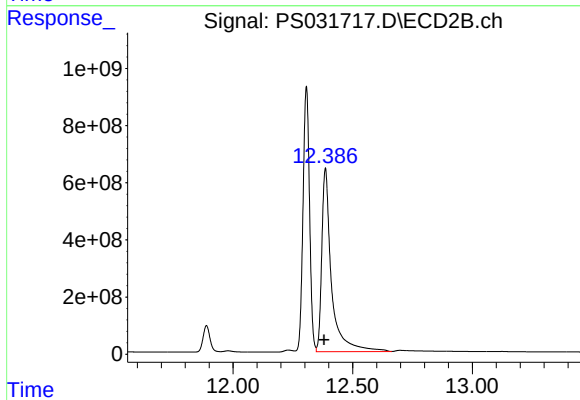
#15 Picloram

R.T.: 11.185 min
Delta R.T.: 0.007 min
Response: 14580648689
Conc: 809.54 ng/ml

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HSTDCCC750

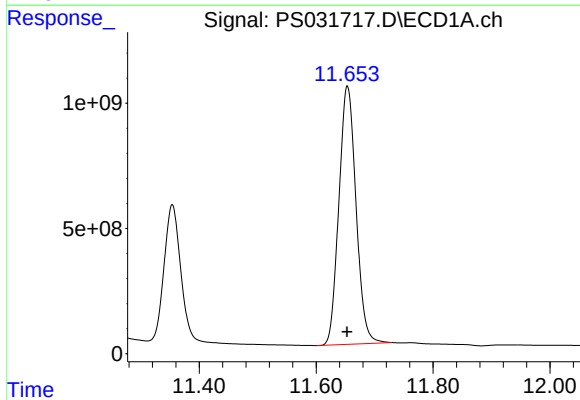
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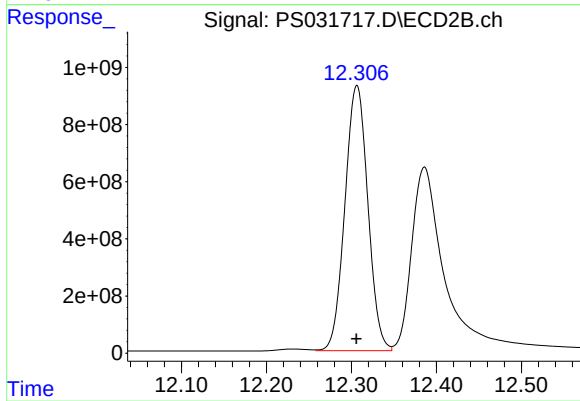
#15 Picloram

R.T.: 12.386 min
Delta R.T.: 0.006 min
Response: 18210641557
Conc: 768.92 ng/ml



#16 DCPA

R.T.: 11.653 min
Delta R.T.: 0.000 min
Response: 20960721522
Conc: 777.77 ng/ml



#16 DCPA

R.T.: 12.306 min
Delta R.T.: 0.000 min
Response: 17435273288
Conc: 723.33 ng/ml