

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091125\
 Data File : PS031714.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 21:44
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/12/2025
 Supervised By :mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 02:33:38 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	7.744	2896.2E6	680.8E6	804.148	749.088
Target Compounds							
1) T	Dalapon	2.671	2.692	4032.7E6	1956.3E6	697.607	694.297
2) T	3,5-DICHL...	6.454	6.697	3934.5E6	1085.6E6	737.711	711.894
3) T	4-Nitroph...	7.096	7.295	802.2E6	836.3E6	727.163m	662.299
5) T	DICAMBA	7.470	7.940	11792.5E6	4680.2E6	756.091	719.271
6) T	MCPD	7.648	8.037	685.2E6	146.6E6	76.648	77.837
7) T	MCPA	7.797	8.284	852.5E6	213.8E6	76.732	76.323
8) T	DICHLORPROP	8.178	8.660	2629.0E6	1069.2E6	738.123	734.821
9) T	2,4-D	8.415	9.002	2551.3E6	1165.4E6	744.765	708.415
10) T	Pentachlo...	8.711	9.510	42471.9E6	30284.5E6	799.941	763.014
11) T	2,4,5-TP ...	9.287	9.894	16022.4E6	11065.4E6	763.929	735.028
12) T	2,4,5-T	9.584	10.323	14518.5E6	9822.5E6	793.441	729.918
13) T	2,4-DB	10.160	10.891	1867.0E6	734.5E6	800.321	686.466
14) T	DINOSEB	11.356	11.267	11488.3E6	7737.2E6	796.542	795.954
15) T	Picloram	11.186	12.388	14211.7E6	17819.7E6	789.052	752.416
16) T	DCPA	11.654	12.308	20866.8E6	17482.2E6	774.282	725.279

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091125\
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Acq On : 11 Sep 2025 21:44
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

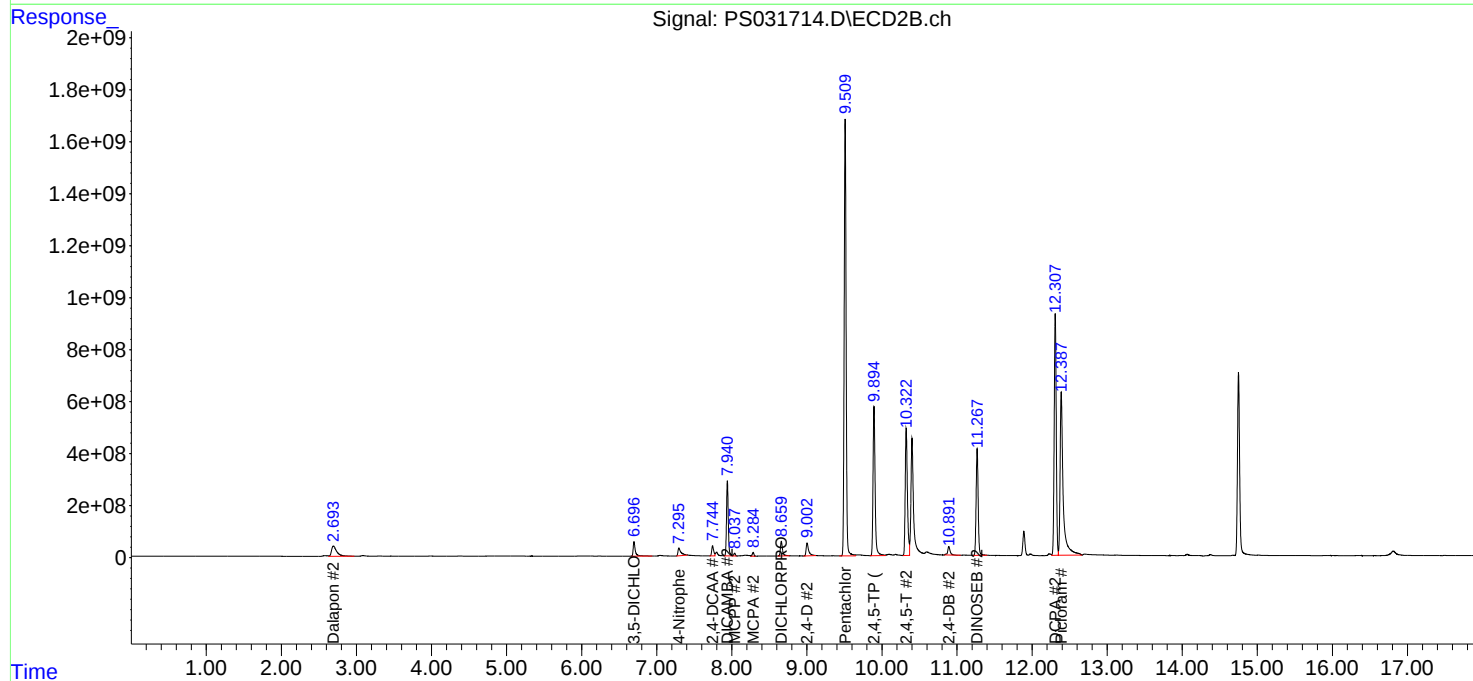
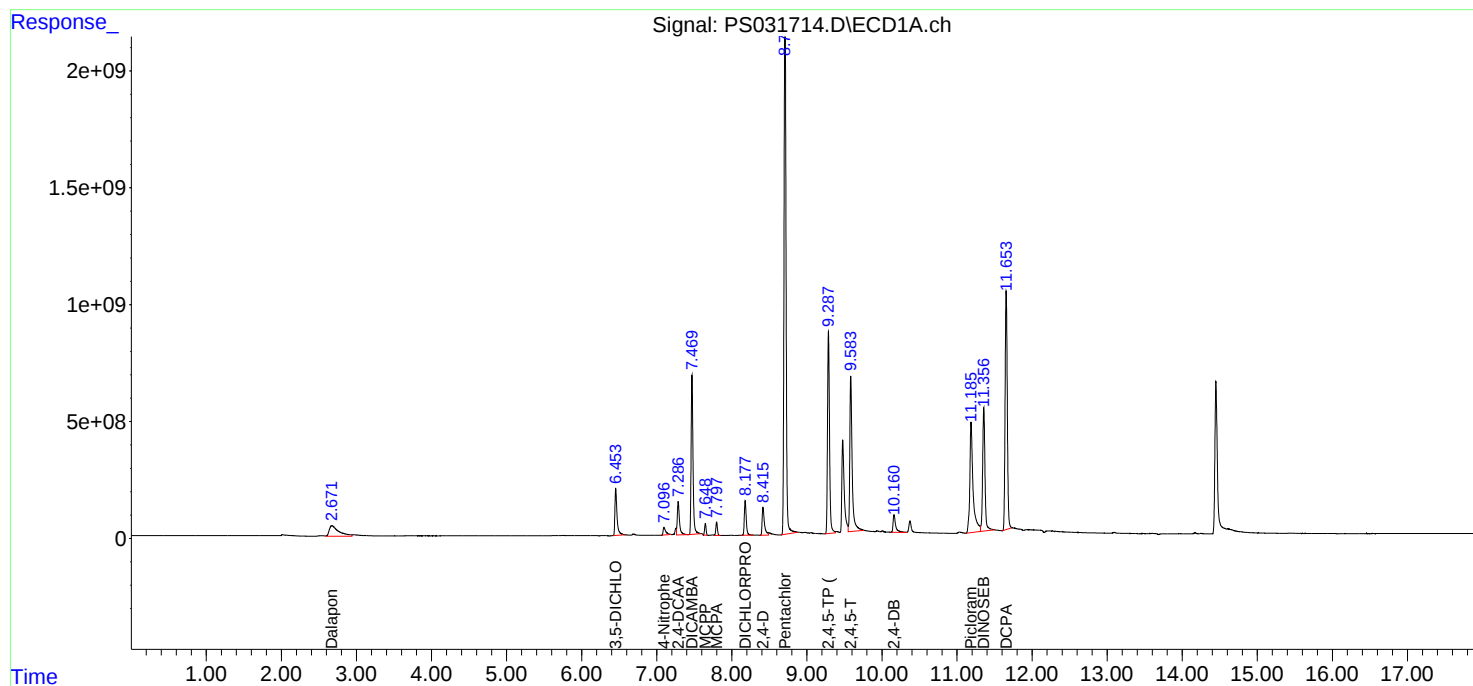
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

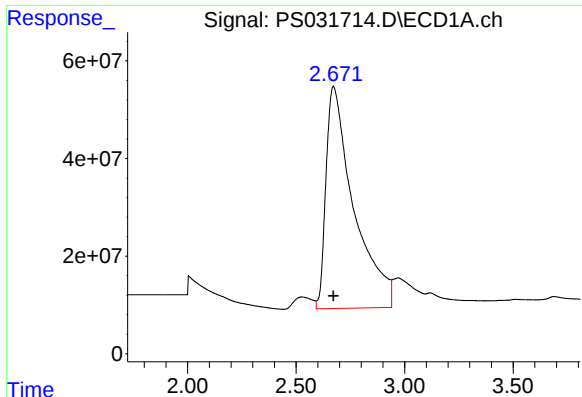
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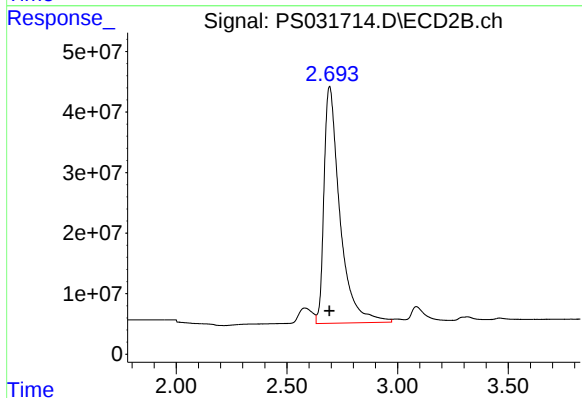
#1 Dalapon

R.T.: 2.671 min
Delta R.T.: 0.000 min
Response: 4032690485
Conc: 697.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

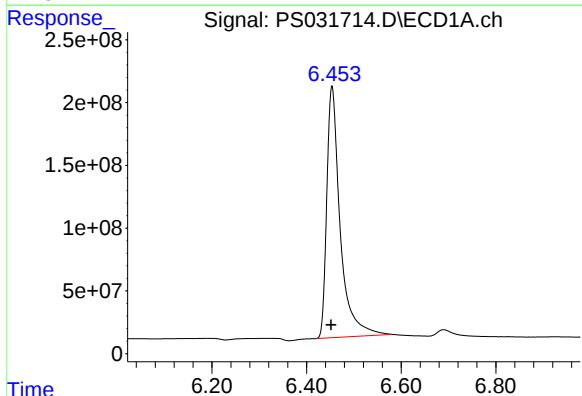
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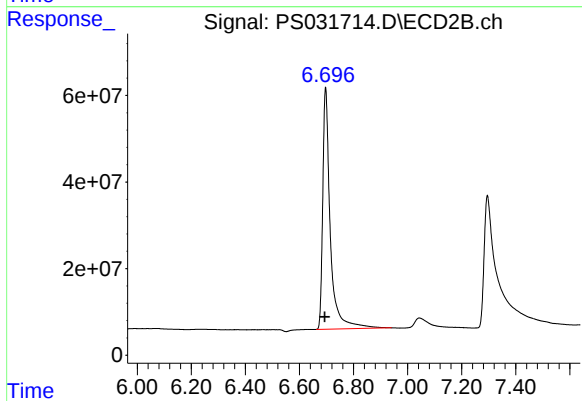
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: 0.000 min
Response: 1956269001
Conc: 694.30 ng/ml



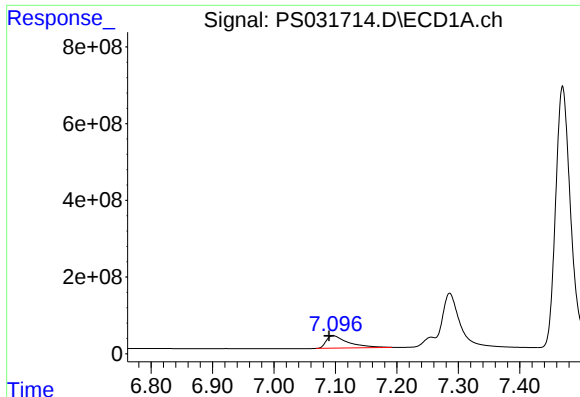
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: 0.002 min
Response: 3934476944
Conc: 737.71 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.697 min
Delta R.T.: 0.004 min
Response: 1085614095
Conc: 711.89 ng/ml



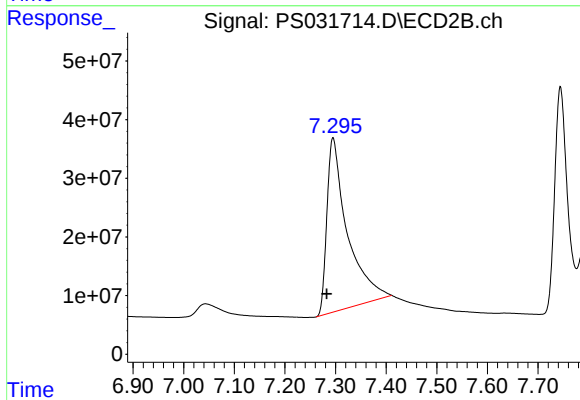
#3 4-Nitrophenol

R.T.: 7.096 min
Delta R.T.: 0.006 min
Response: 802212773
Conc: 727.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

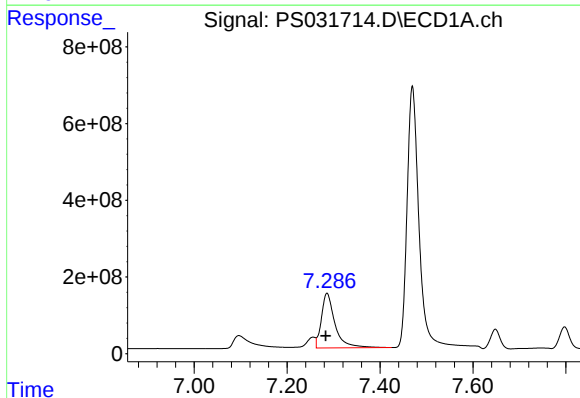
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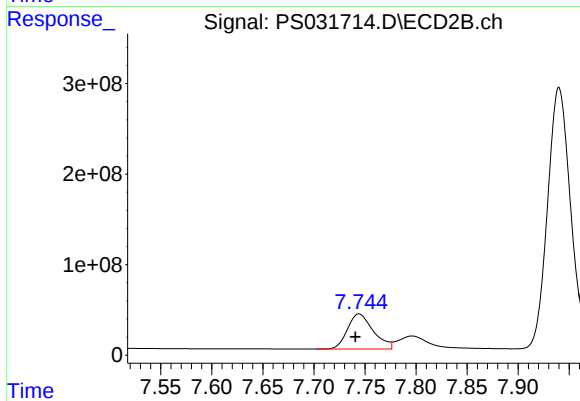
#3 4-Nitrophenol

R.T.: 7.295 min
Delta R.T.: 0.012 min
Response: 836342168
Conc: 662.30 ng/ml



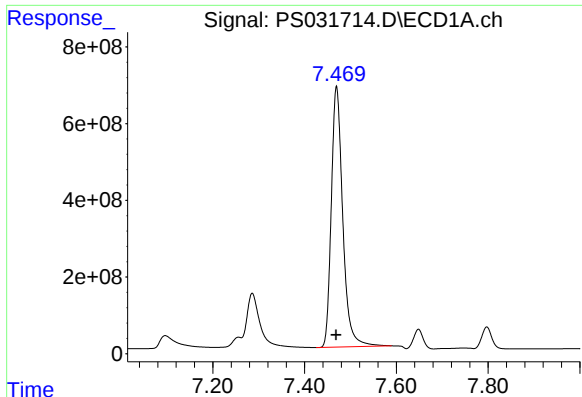
#4 2,4-DCAA

R.T.: 7.286 min
Delta R.T.: 0.003 min
Response: 2896160793
Conc: 804.15 ng/ml



#4 2,4-DCAA

R.T.: 7.744 min
Delta R.T.: 0.004 min
Response: 680845665
Conc: 749.09 ng/ml



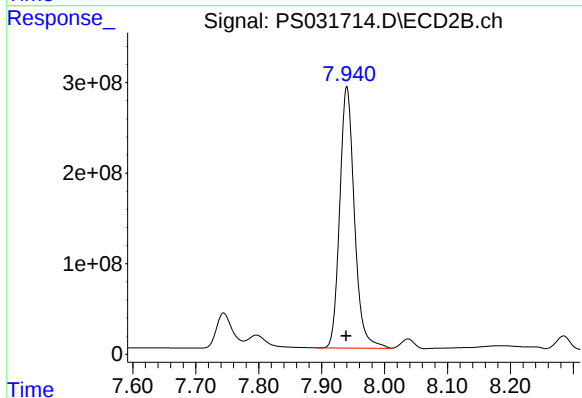
#5 DICAMBA

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 11792537858
Conc: 756.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

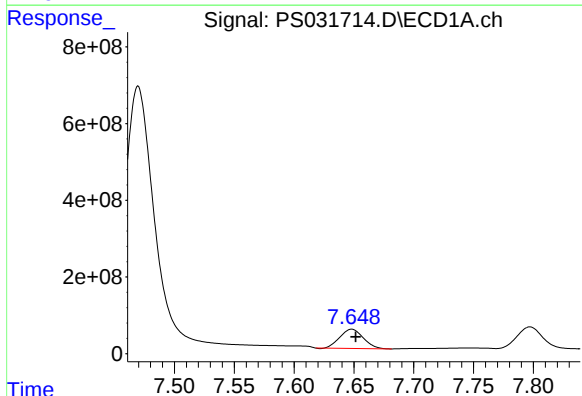
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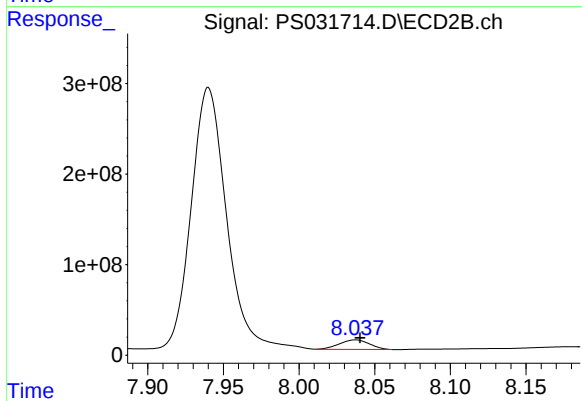
#5 DICAMBA

R.T.: 7.940 min
Delta R.T.: 0.001 min
Response: 4680184793
Conc: 719.27 ng/ml



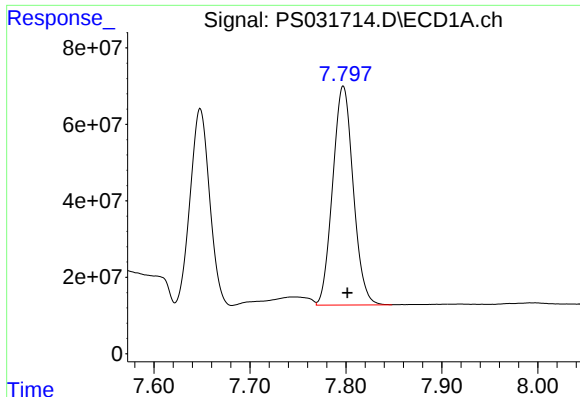
#6 MCPP

R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 685173481
Conc: 76.65 ug/ml



#6 MCPP

R.T.: 8.037 min
Delta R.T.: -0.003 min
Response: 146599147
Conc: 77.84 ug/ml



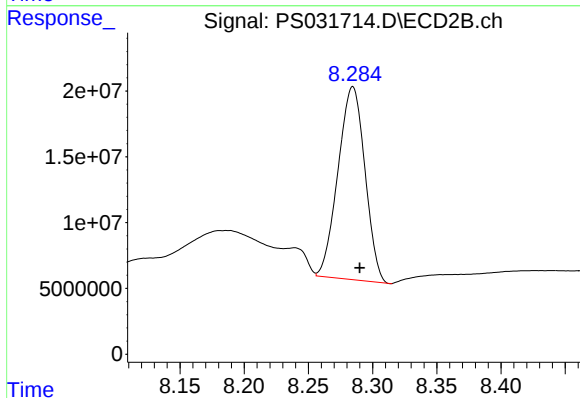
#7 MCPA

R.T.: 7.797 min
Delta R.T.: -0.004 min
Response: 852521784
Conc: 76.73 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

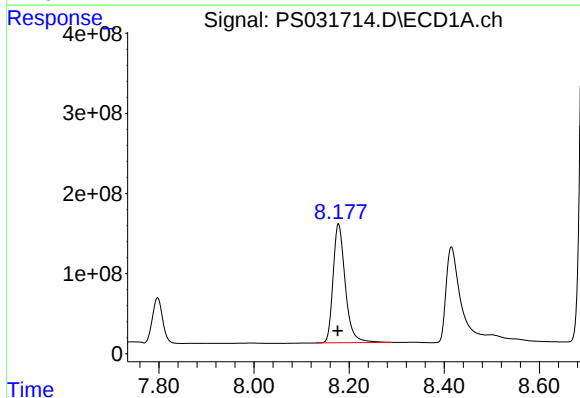
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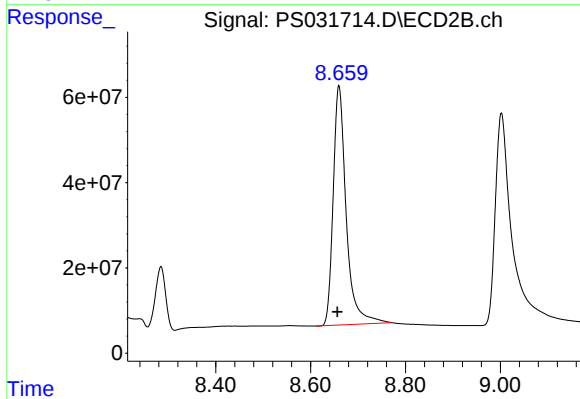
#7 MCPA

R.T.: 8.284 min
Delta R.T.: -0.005 min
Response: 213797607
Conc: 76.32 ug/ml



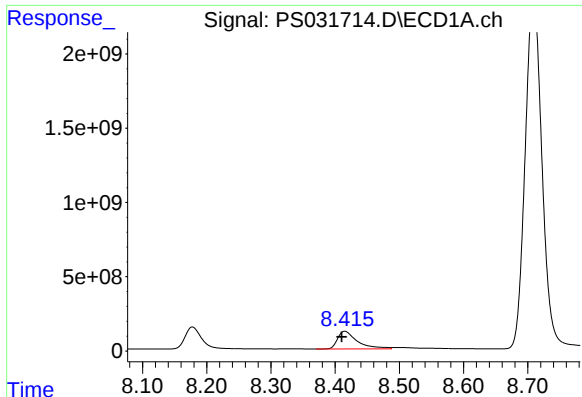
#8 DICHLORPROP

R.T.: 8.178 min
Delta R.T.: 0.001 min
Response: 2629020251
Conc: 738.12 ng/ml



#8 DICHLORPROP

R.T.: 8.660 min
Delta R.T.: 0.003 min
Response: 1069209296
Conc: 734.82 ng/ml



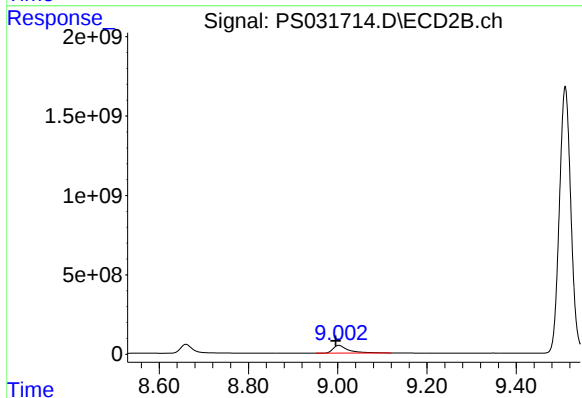
#9 2,4-D

R.T.: 8.415 min
Delta R.T.: 0.004 min
Response: 2551296739
Conc: 744.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

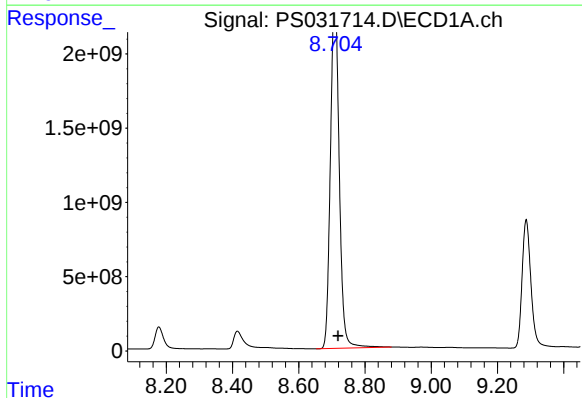
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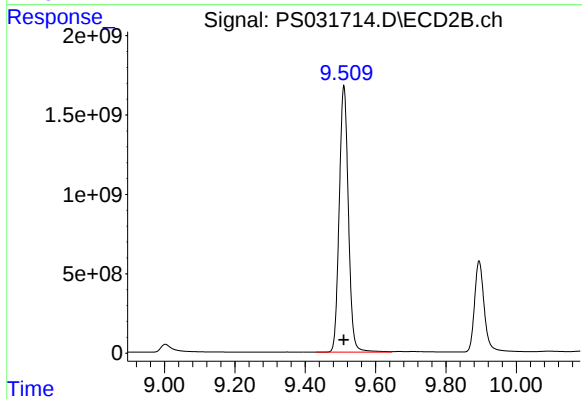
#9 2,4-D

R.T.: 9.002 min
Delta R.T.: 0.007 min
Response: 1165420522
Conc: 708.41 ng/ml



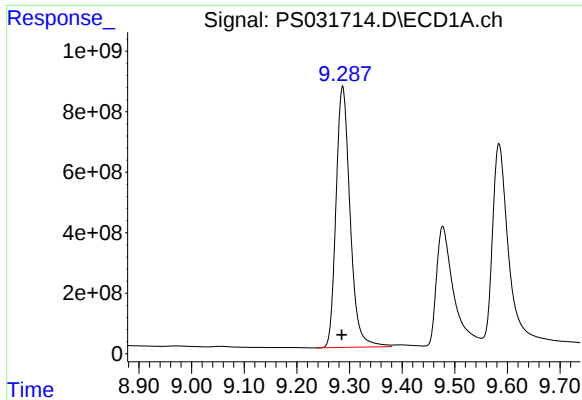
#10 Pentachlorophenol

R.T.: 8.711 min
Delta R.T.: -0.008 min
Response: 42471923775
Conc: 799.94 ng/ml



#10 Pentachlorophenol

R.T.: 9.510 min
Delta R.T.: 0.000 min
Response: 30284454638
Conc: 763.01 ng/ml



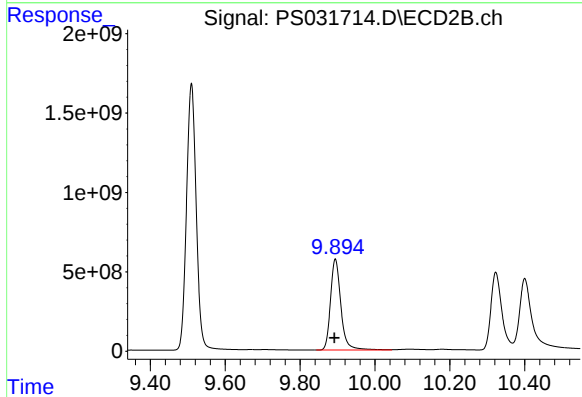
#11 2,4,5-TP (SILVEX)

R.T.: 9.287 min
Delta R.T.: 0.002 min
Response: 16022414267
Conc: 763.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

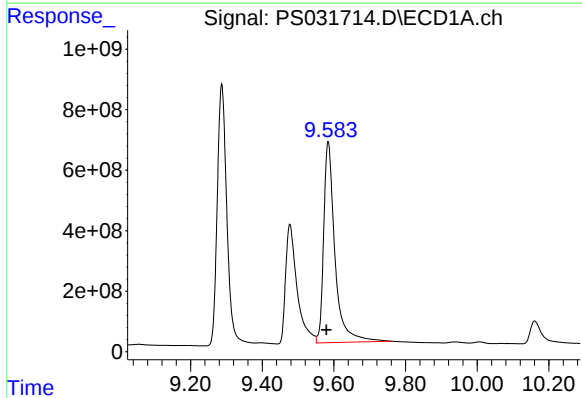
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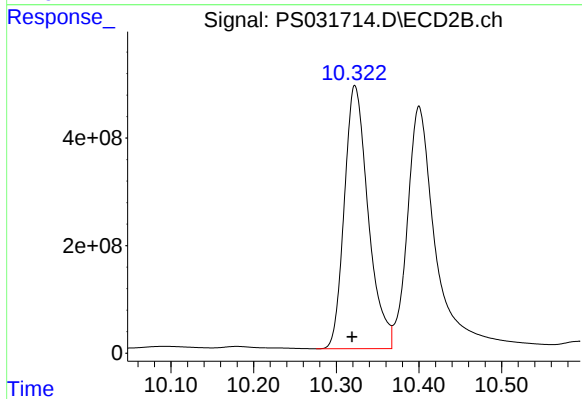
#11 2,4,5-TP (SILVEX)

R.T.: 9.894 min
Delta R.T.: 0.002 min
Response: 11065351192
Conc: 735.03 ng/ml



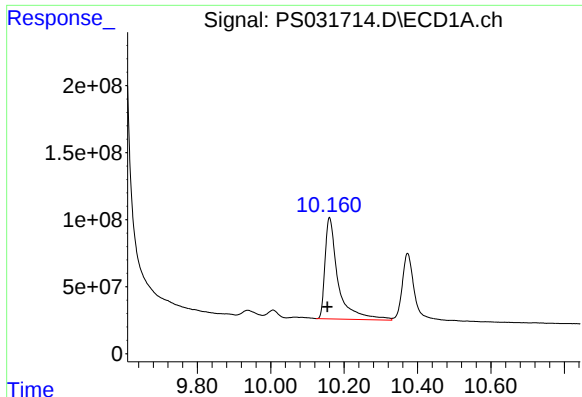
#12 2,4,5-T

R.T.: 9.584 min
Delta R.T.: 0.004 min
Response: 14518516105
Conc: 793.44 ng/ml



#12 2,4,5-T

R.T.: 10.323 min
Delta R.T.: 0.004 min
Response: 9822518816
Conc: 729.92 ng/ml



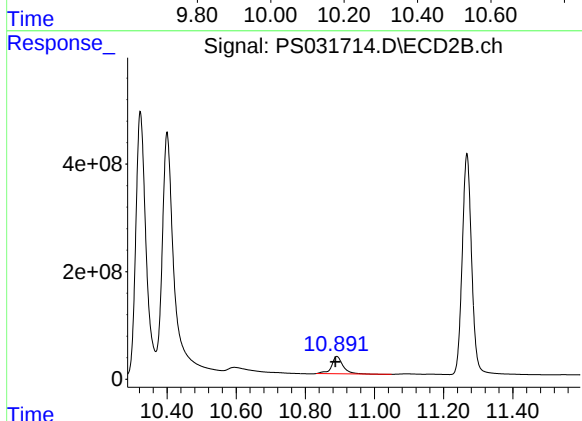
#13 2,4-DB

R.T.: 10.160 min
Delta R.T.: 0.006 min
Response: 1866960556
Conc: 800.32 ng/ml

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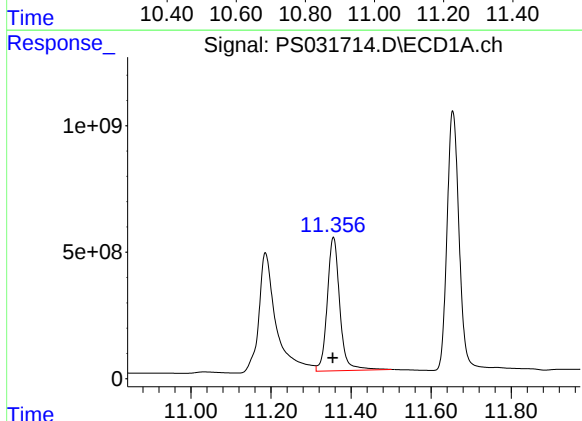
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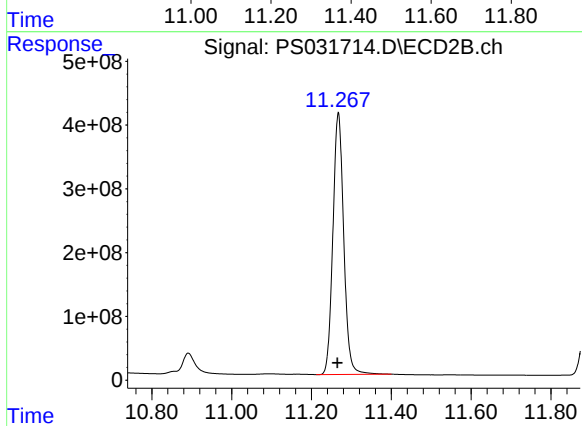
#13 2,4-DB

R.T.: 10.891 min
Delta R.T.: 0.004 min
Response: 734549753
Conc: 686.47 ng/ml



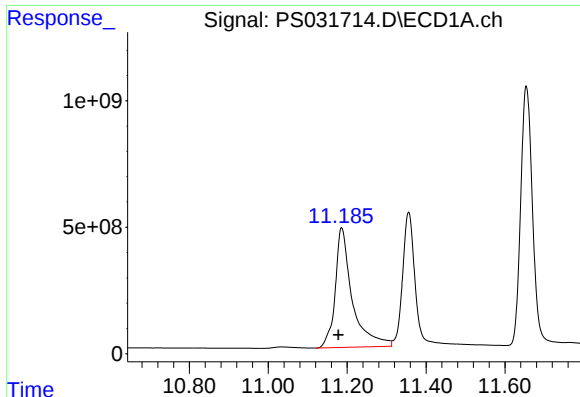
#14 DINOSEB

R.T.: 11.356 min
Delta R.T.: 0.002 min
Response: 11488278223
Conc: 796.54 ng/ml



#14 DINOSEB

R.T.: 11.267 min
Delta R.T.: 0.002 min
Response: 7737213961
Conc: 795.95 ng/ml



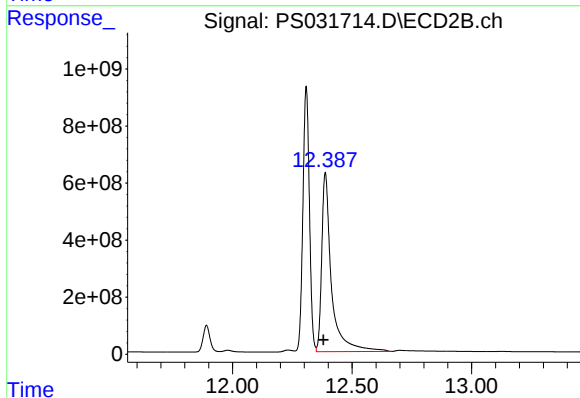
#15 Picloram

R.T.: 11.186 min
Delta R.T.: 0.008 min
Response: 14211667074
Conc: 789.05 ng/ml

Instrument :
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ClientSampleId :
HSTDCCC750

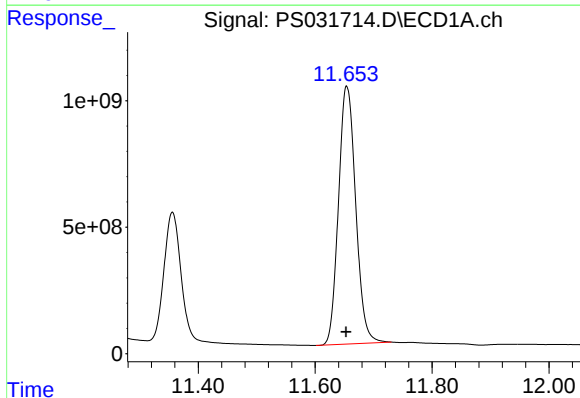
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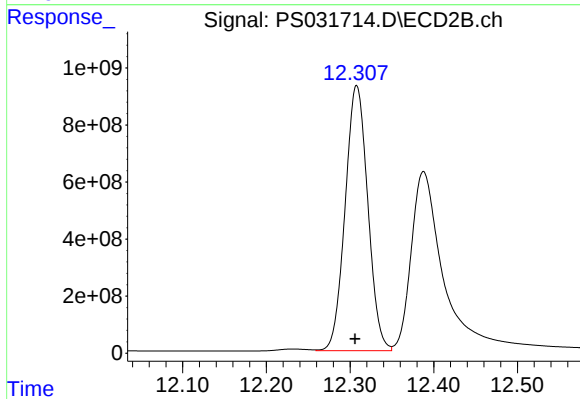
#15 Picloram

R.T.: 12.388 min
Delta R.T.: 0.008 min
Response: 17819663982
Conc: 752.42 ng/ml



#16 DCPA

R.T.: 11.654 min
Delta R.T.: 0.001 min
Response: 20866801776
Conc: 774.28 ng/ml



#16 DCPA

R.T.: 12.308 min
Delta R.T.: 0.002 min
Response: 17482199151
Conc: 725.28 ng/ml