

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091225\
 Data File : PS031723.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2025 13:41
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 23 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 02:26:15 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	7.285	7.745	2918.1E6	701.1E6	810.228	771.393
Target Compounds							
1) T	Dalapon	2.671	2.694	3971.7E6	1957.2E6	687.056	694.644
2) T	3,5-DICHL...	6.453	6.697	3994.0E6	1114.5E6	748.881	730.811
3) T	4-Nitroph...	7.095	7.296	813.3E6	869.8E6	737.197m	688.799
5) T	DICAMBA	7.469	7.940	11928.9E6	4800.0E6	764.835	737.682
6) T	MCPD	7.647	8.037	714.4E6	148.9E6	79.921	79.071
7) T	MCPA	7.796	8.284	882.0E6	214.3E6	79.386	76.517
8) T	DICHLORPROP	8.177	8.660	2674.3E6	1109.1E6	750.828	762.248
9) T	2,4-D	8.414	9.002	2639.9E6	1200.2E6	770.641	729.572
10) T	Pentachlo...	8.710	9.509	42612.6E6	31021.2E6	802.590	781.576
11) T	2,4,5-TP ...	9.286	9.894	16266.1E6	11332.2E6	775.548	752.752
12) T	2,4,5-T	9.582	10.323	14826.4E6	10079.5E6	810.265	749.017
13) T	2,4-DB	10.158	10.891	1758.7E6	762.3E6	753.904m	712.404
14) T	DINOSEB	11.353	11.266	10753.6E6	7913.8E6	745.602m	814.119
15) T	Picloram	11.184	12.387	14933.0E6	18633.5E6	829.103	786.779
16) T	DCPA	11.653	12.308	21266.9E6	17870.8E6	789.127	741.401

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

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Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 23 Sample Multiplier: 1

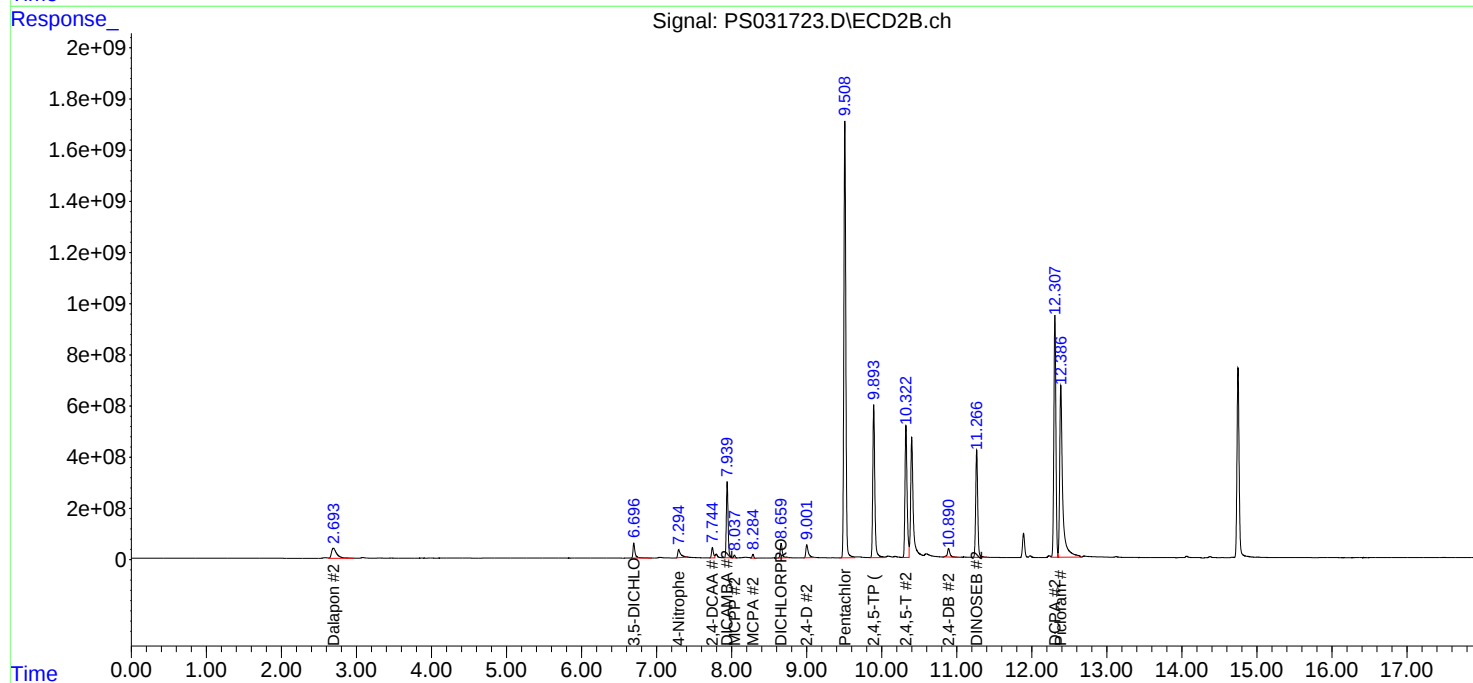
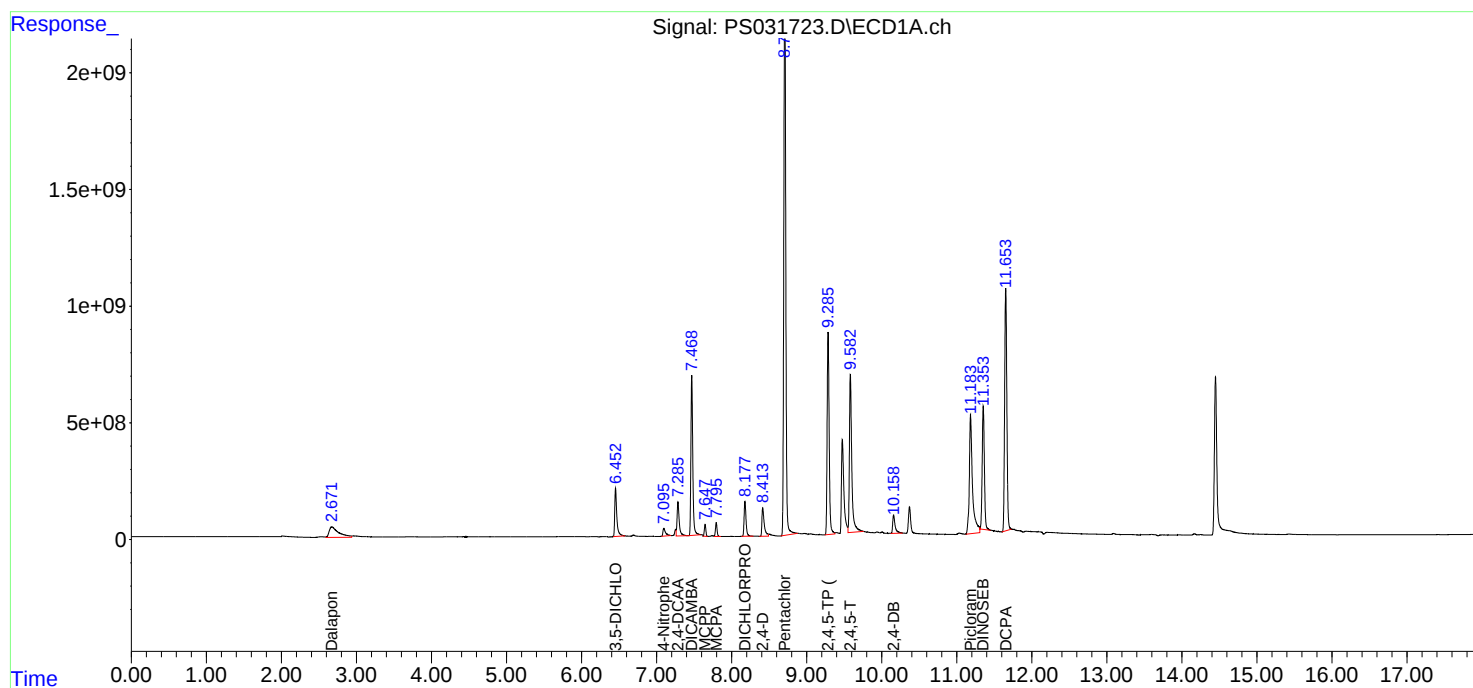
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

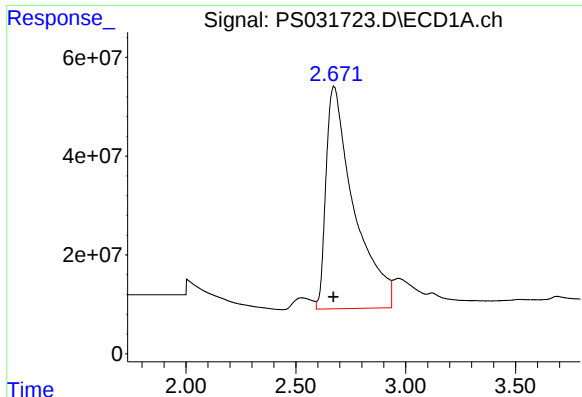
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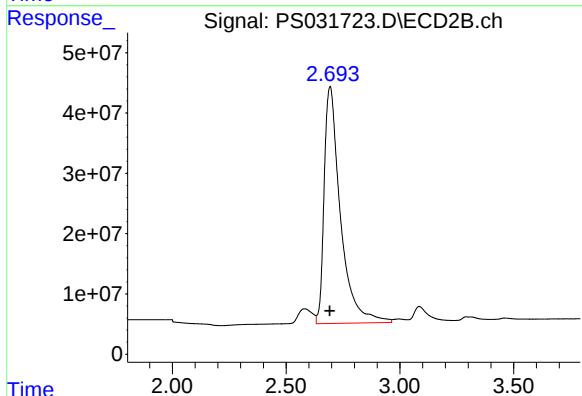
#1 Dalapon

R.T.: 2.671 min
Delta R.T.: 0.000 min
Response: 3971695407
Conc: 687.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

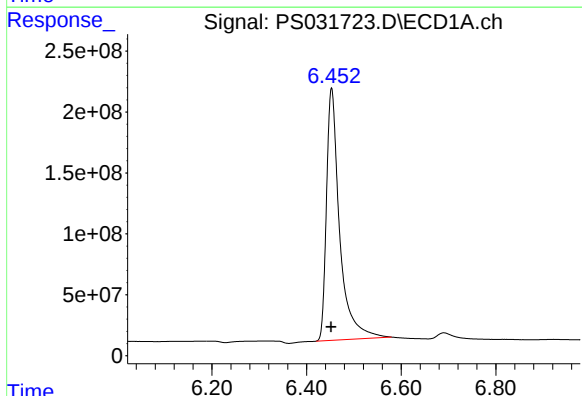
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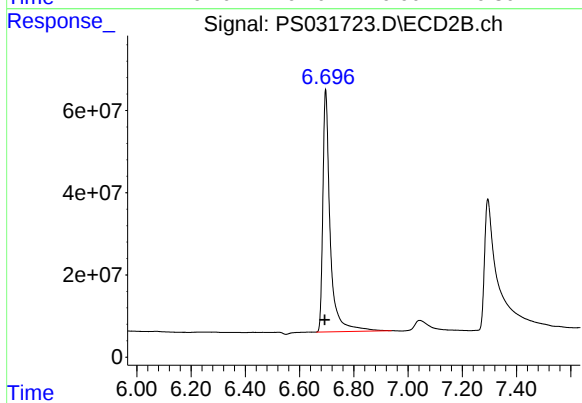
#1 Dalapon

R.T.: 2.694 min
Delta R.T.: 0.002 min
Response: 1957247475
Conc: 694.64 ng/ml



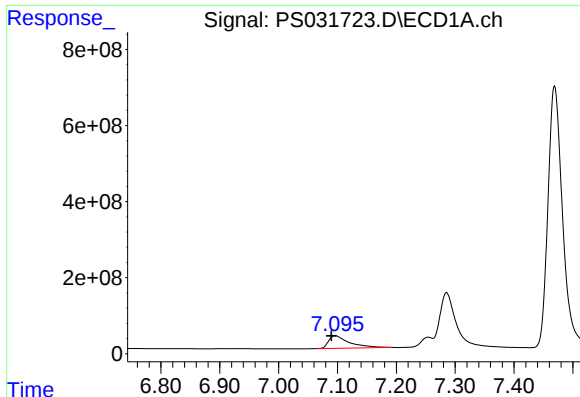
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: 0.001 min
Response: 3994049736
Conc: 748.88 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.697 min
Delta R.T.: 0.004 min
Response: 1114461972
Conc: 730.81 ng/ml



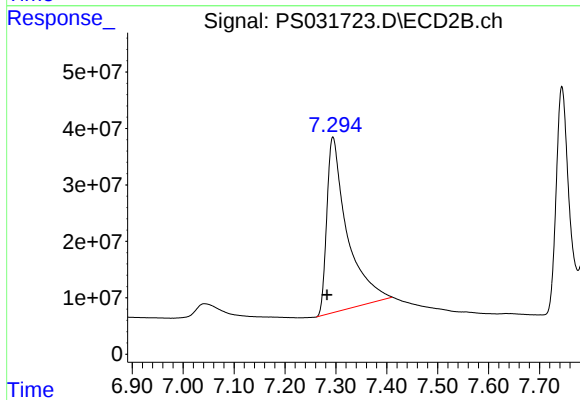
#3 4-Nitrophenol

R.T.: 7.095 min
Delta R.T.: 0.006 min
Response: 813282298
Conc: 737.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

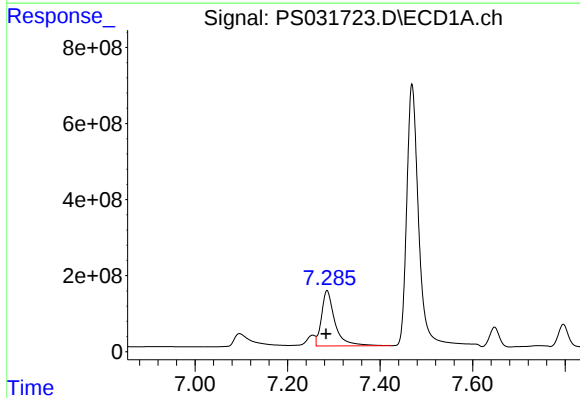
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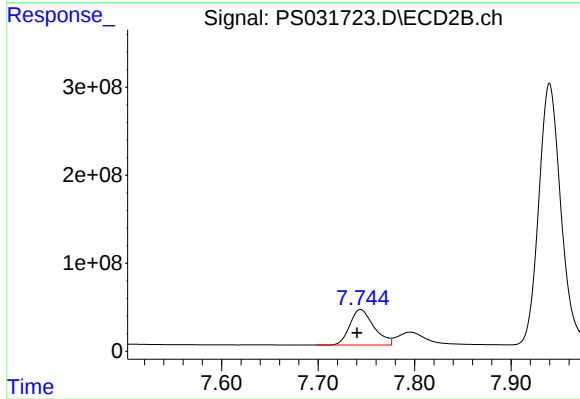
#3 4-Nitrophenol

R.T.: 7.296 min
Delta R.T.: 0.013 min
Response: 869806051
Conc: 688.80 ng/ml



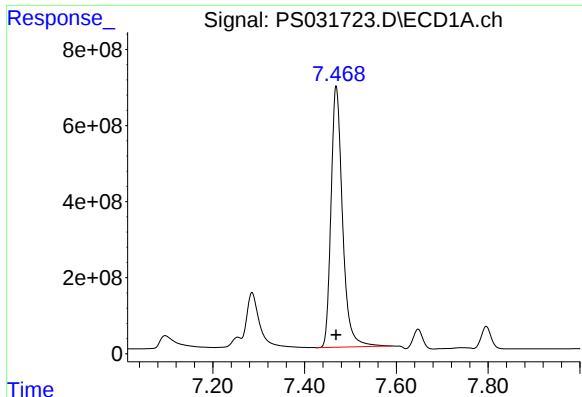
#4 2,4-DCAA

R.T.: 7.285 min
Delta R.T.: 0.002 min
Response: 2918056497
Conc: 810.23 ng/ml



#4 2,4-DCAA

R.T.: 7.745 min
Delta R.T.: 0.004 min
Response: 701118908
Conc: 771.39 ng/ml



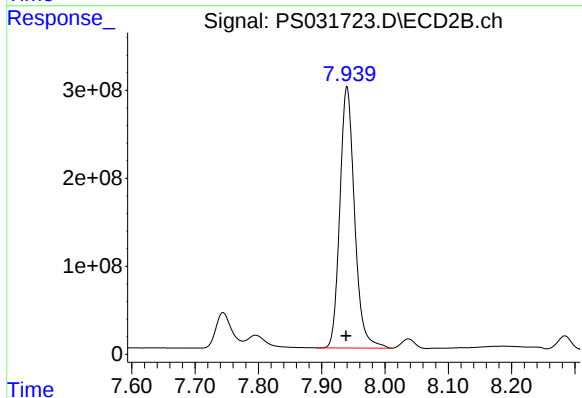
#5 DICAMBA

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 11928901690
Conc: 764.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

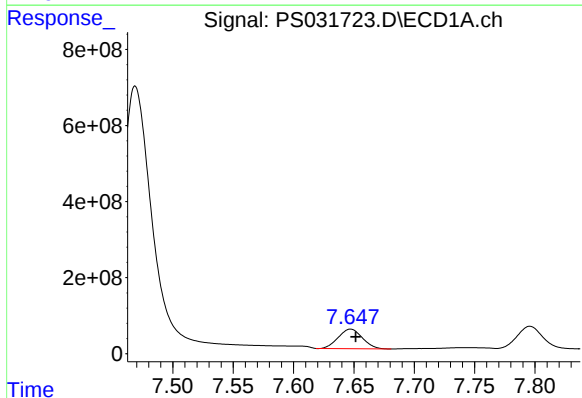
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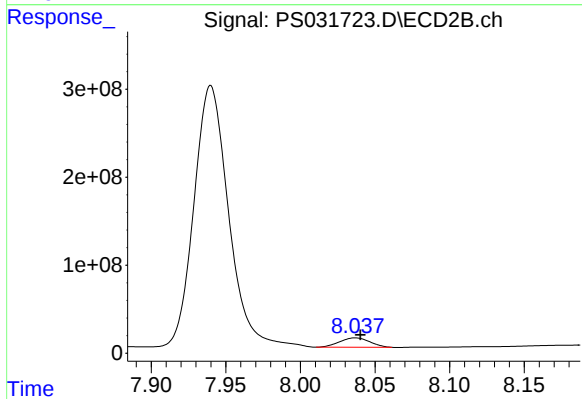
#5 DICAMBA

R.T.: 7.940 min
Delta R.T.: 0.001 min
Response: 4799984142
Conc: 737.68 ng/ml



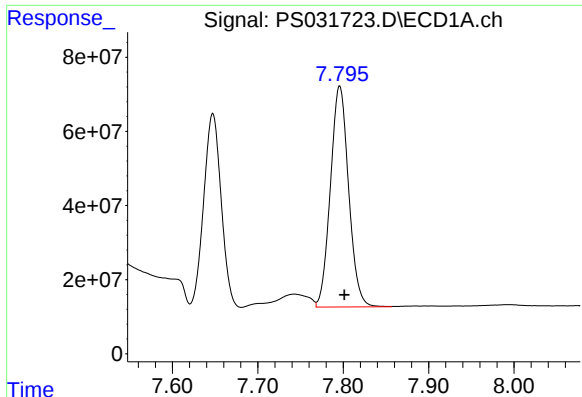
#6 MCPP

R.T.: 7.647 min
Delta R.T.: -0.004 min
Response: 714429429
Conc: 79.92 ug/ml



#6 MCPP

R.T.: 8.037 min
Delta R.T.: -0.003 min
Response: 148923551
Conc: 79.07 ug/ml



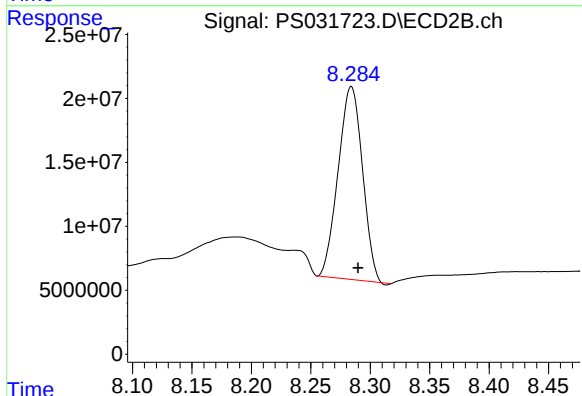
#7 MCPA

R.T.: 7.796 min
Delta R.T.: -0.006 min
Response: 882014178
Conc: 79.39 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

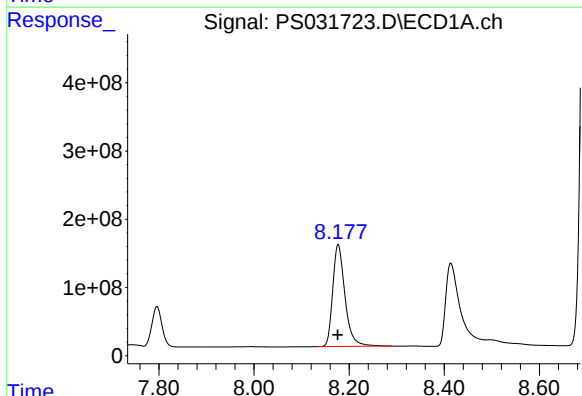
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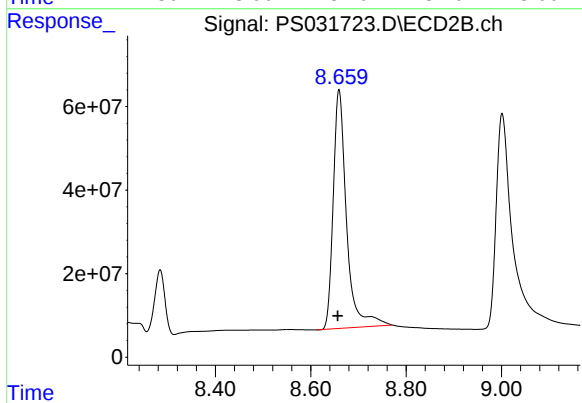
#7 MCPA

R.T.: 8.284 min
Delta R.T.: -0.006 min
Response: 214341849
Conc: 76.52 ug/ml



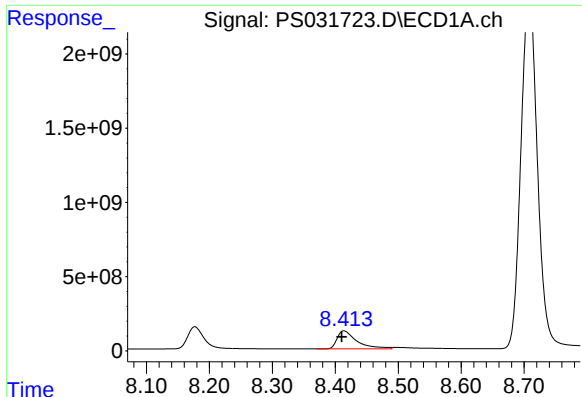
#8 DICHLORPROP

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 2674269890
Conc: 750.83 ng/ml



#8 DICHLORPROP

R.T.: 8.660 min
Delta R.T.: 0.003 min
Response: 1109116371
Conc: 762.25 ng/ml



#9 2,4-D

R.T.: 8.414 min
Delta R.T.: 0.003 min
Response: 2639939216
Conc: 770.64 ng/ml

Instrument :

ECD_S

ClientSampleId :

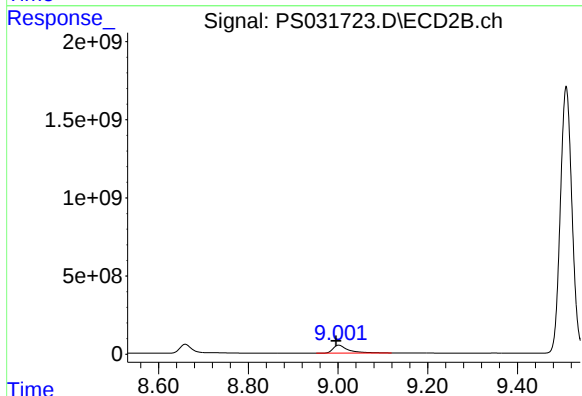
HSTDCCC750

Manual Integrations

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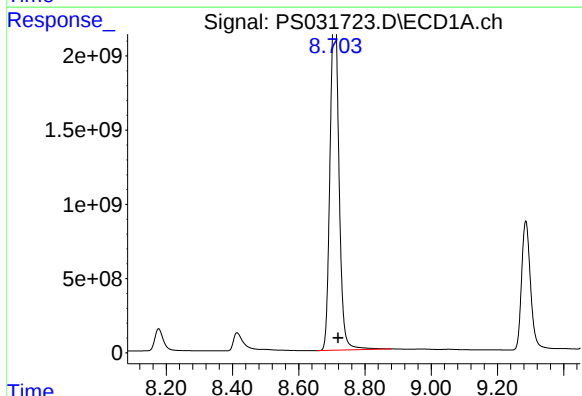
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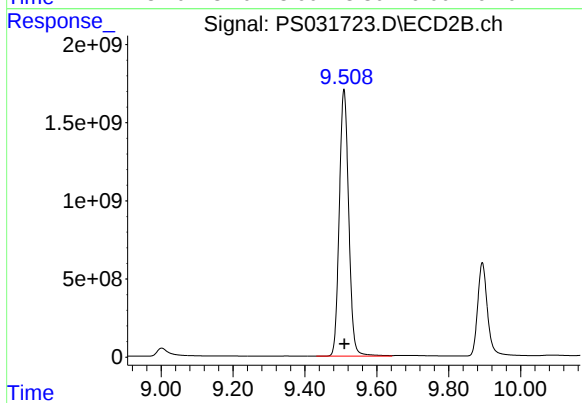
#9 2,4-D

R.T.: 9.002 min
Delta R.T.: 0.006 min
Response: 1200226696
Conc: 729.57 ng/ml



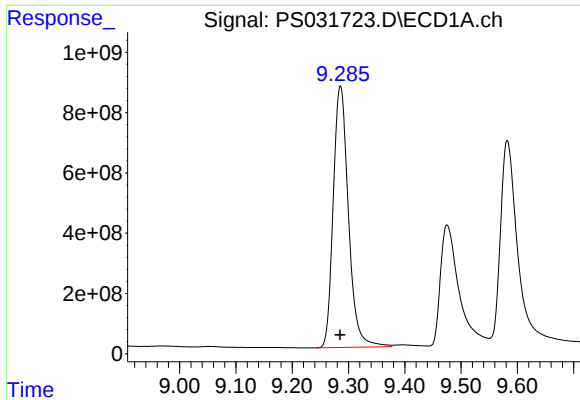
#10 Pentachlorophenol

R.T.: 8.710 min
Delta R.T.: -0.008 min
Response: 42612581444
Conc: 802.59 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: 0.000 min
Response: 31021160650
Conc: 781.58 ng/ml



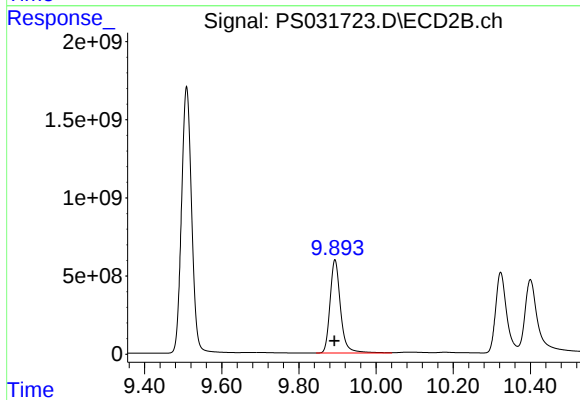
#11 2,4,5-TP (SILVEX)

R.T.: 9.286 min
Delta R.T.: 0.000 min
Response: 16266092002
Conc: 775.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
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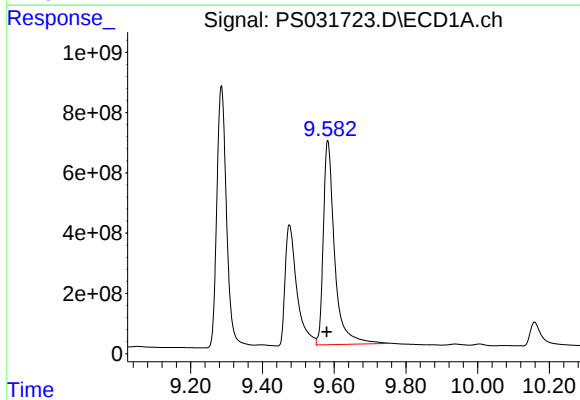
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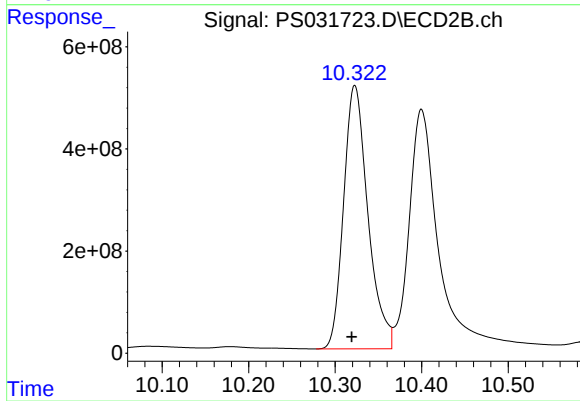
#11 2,4,5-TP (SILVEX)

R.T.: 9.894 min
Delta R.T.: 0.002 min
Response: 11332168728
Conc: 752.75 ng/ml



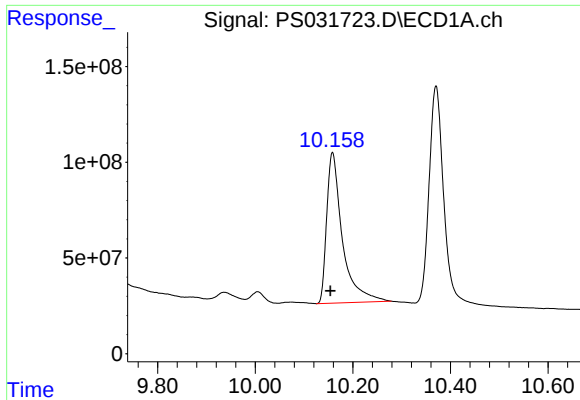
#12 2,4,5-T

R.T.: 9.582 min
Delta R.T.: 0.003 min
Response: 14826368254
Conc: 810.26 ng/ml



#12 2,4,5-T

R.T.: 10.323 min
Delta R.T.: 0.004 min
Response: 10079528328
Conc: 749.02 ng/ml



#13 2,4-DB

R.T.: 10.158 min
Delta R.T.: 0.003 min
Response: 1758681237
Conc: 753.90 ng/ml

Instrument :

ECD_S

ClientSampleId :

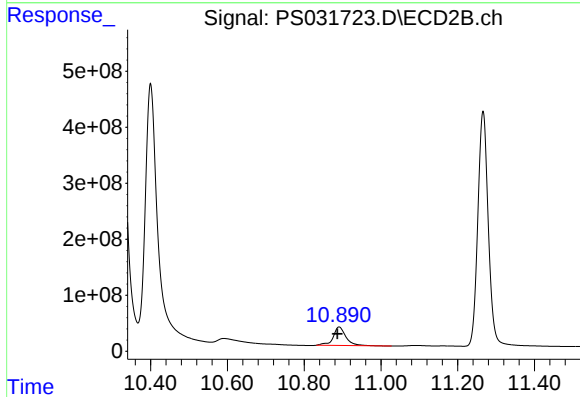
HSTDCCC750

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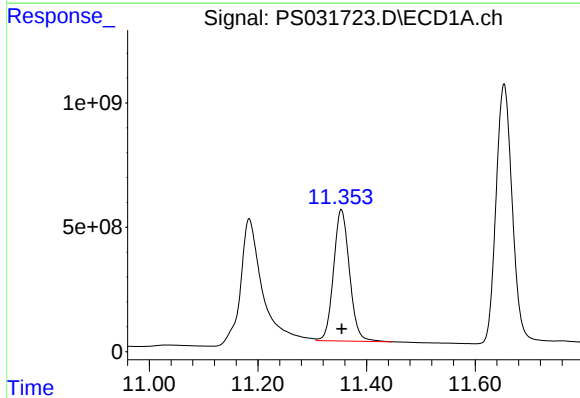
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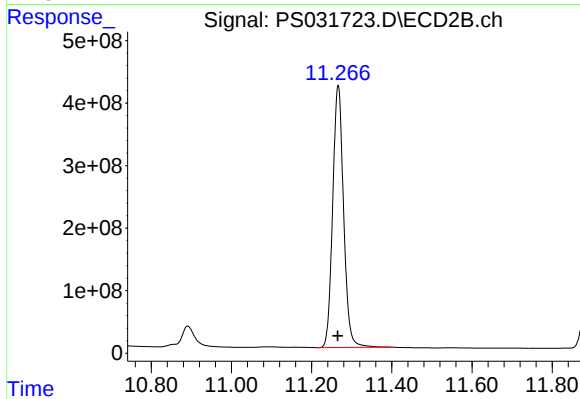
#13 2,4-DB

R.T.: 10.891 min
Delta R.T.: 0.005 min
Response: 762304249
Conc: 712.40 ng/ml



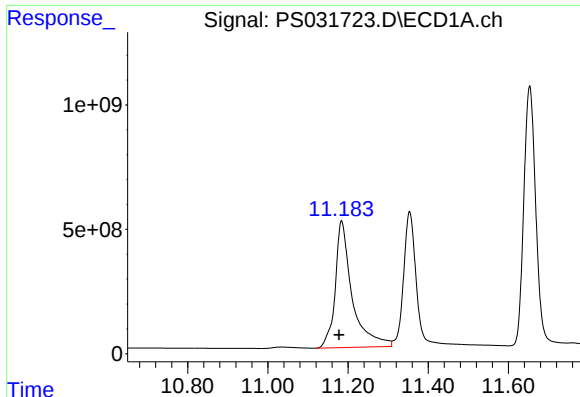
#14 DINOSEB

R.T.: 11.353 min
Delta R.T.: -0.001 min
Response: 10753590236
Conc: 745.60 ng/ml m



#14 DINOSEB

R.T.: 11.266 min
Delta R.T.: 0.000 min
Response: 7913794294
Conc: 814.12 ng/ml



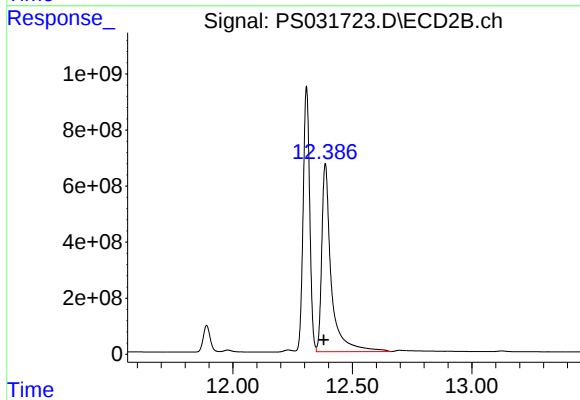
#15 Picloram

R.T.: 11.184 min
Delta R.T.: 0.006 min
Response: 14933035034
Conc: 829.10 ng/ml

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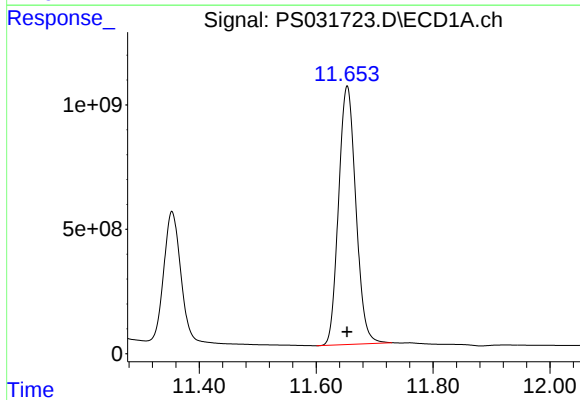
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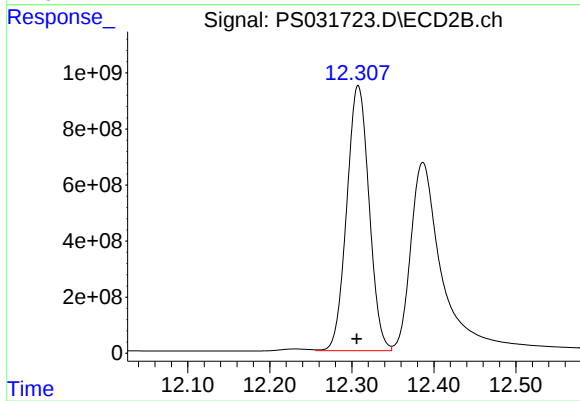
#15 Picloram

R.T.: 12.387 min
Delta R.T.: 0.007 min
Response: 18633482268
Conc: 786.78 ng/ml



#16 DCPA

R.T.: 11.653 min
Delta R.T.: 0.000 min
Response: 21266881164
Conc: 789.13 ng/ml



#16 DCPA

R.T.: 12.308 min
Delta R.T.: 0.002 min
Response: 17870809517
Conc: 741.40 ng/ml