

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080425\
 Data File : PS031368.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Aug 2025 22:13
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/05/2025
 Supervised By :mohammad ahmed 08/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 01:49:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 18:38:25 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	7.300	7.753	2108.0E6	544.4E6	723.559	651.951
Target Compounds							
1) T	Dalapon	2.684	2.701	2909.8E6	1457.5E6	603.115	593.386
2) T	3,5-DICHL...	6.465	6.703	2890.3E6	801.4E6	678.006m	620.187
3) T	4-Nitroph...	7.102	7.295	740.6E6	767.0E6	727.333	594.147
5) T	DICAMBA	7.486	7.953	8452.2E6	3354.9E6	654.164m	618.885m
6) T	MCPD	7.666	8.050	542.2E6	115.0E6	67.415m	67.268m
7) T	MCPA	7.816	8.299	652.4E6	174.1E6	66.735	67.129
8) T	DICHLORPROP	8.195	8.672	1982.9E6	793.9E6	652.277	610.632
9) T	2,4-D	8.429	9.011	1872.3E6	866.9E6	721.968	621.183
10) T	Pentachlo...	8.728	9.524	32216.1E6	21917.0E6	708.377m	654.308
11) T	2,4,5-TP ...	9.307	9.909	11764.3E6	8008.8E6	706.089	630.473
12) T	2,4,5-T	9.602	10.337	10279.4E6	7374.9E6	772.841	632.243
13) T	2,4-DB	10.177	10.905	1336.7E6	592.0E6	765.025m	612.936
14) T	DINOSEB	11.383	11.285	7807.3E6	5595.2E6	681.053	599.067
15) T	Picloram	11.203	12.402	8711.9E6	10902.5E6	743.994m	637.762
16) T	DCPA	11.680	12.327	15339.3E6	12288.2E6	739.736m	658.823m

(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 : 3 Sample Multiplier: 1

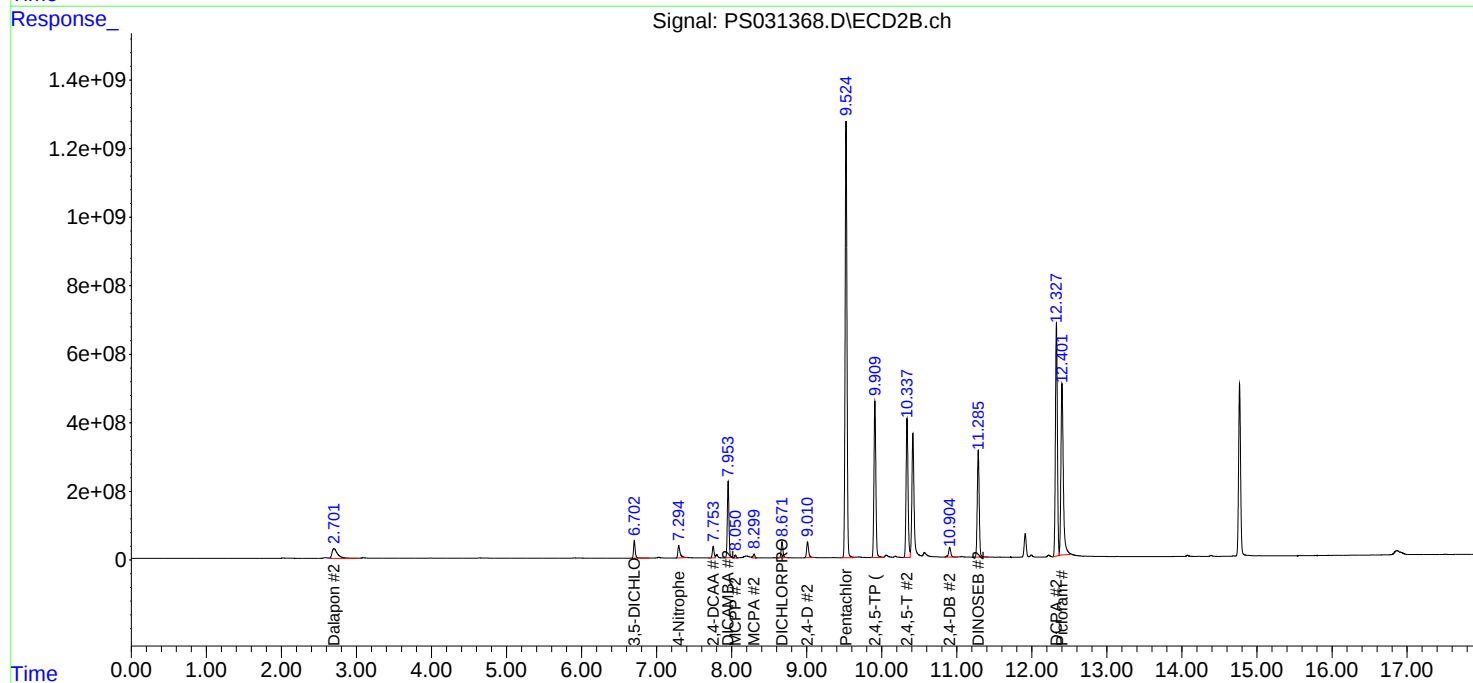
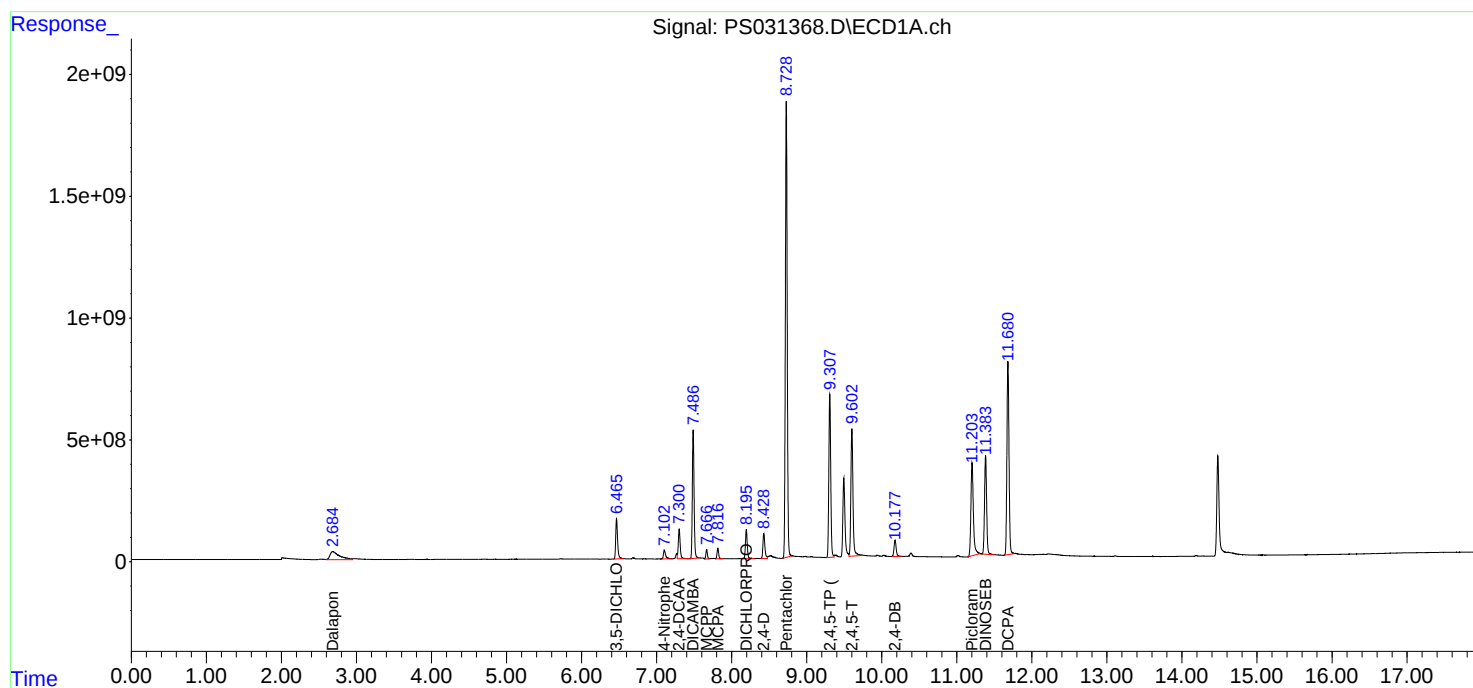
Instrument :
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ClientSampleId :
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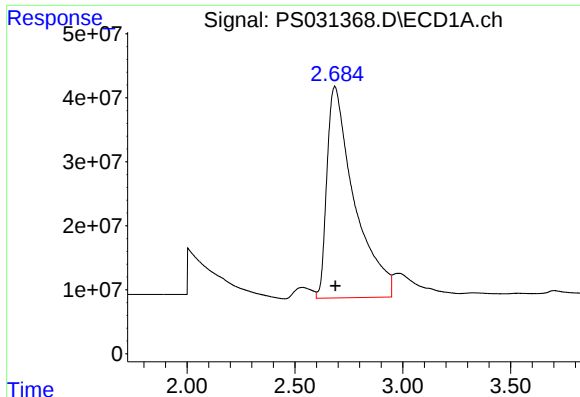
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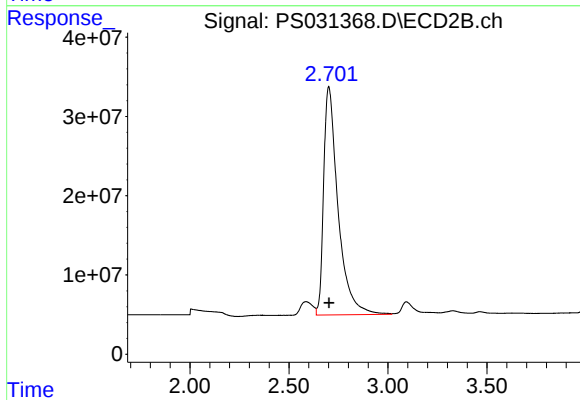
#1 Dalapon

R.T.: 2.684 min
Delta R.T.: -0.003 min
Response: 2909763241
Conc: 603.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

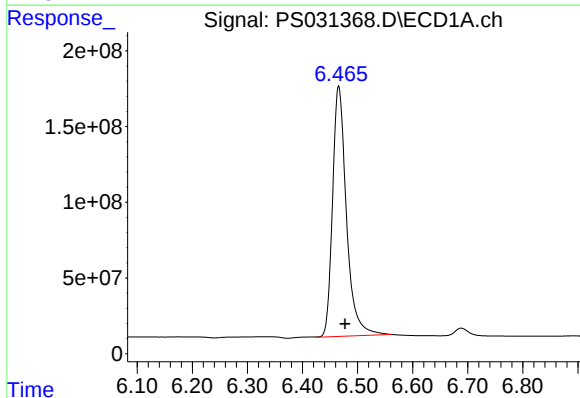
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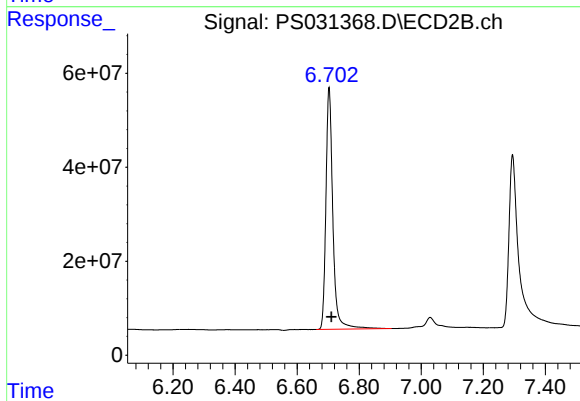
#1 Dalapon

R.T.: 2.701 min
Delta R.T.: -0.002 min
Response: 1457467155
Conc: 593.39 ng/ml



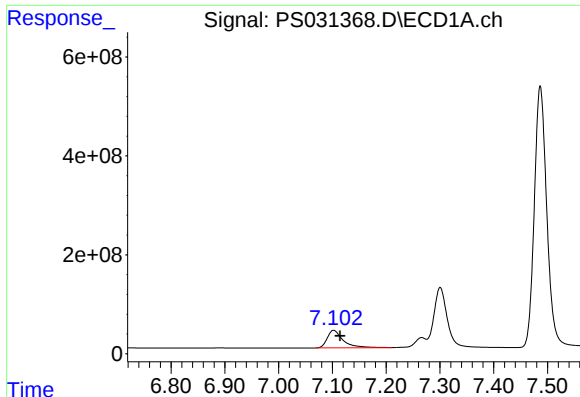
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.465 min
Delta R.T.: -0.012 min
Response: 2890292391
Conc: 678.01 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.703 min
Delta R.T.: -0.008 min
Response: 801449195
Conc: 620.19 ng/ml



#3 4-Nitrophenol

R.T.: 7.102 min
Delta R.T.: -0.012 min
Response: 740571045
Conc: 727.33 ng/ml

Instrument :

ECD_S

ClientSampleId :

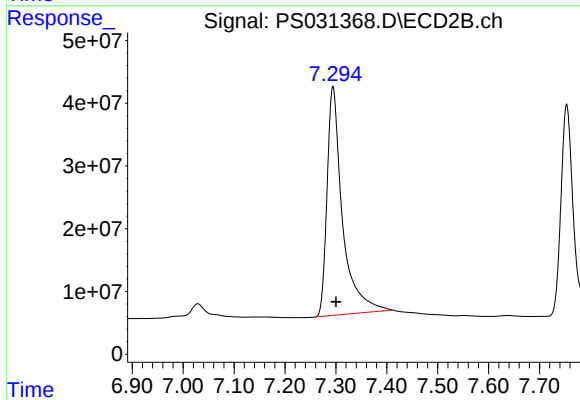
HSTDCCC750

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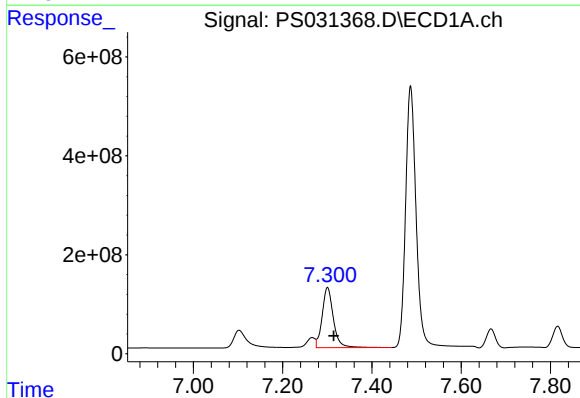
Reviewed By :Abdul Mirza 08/05/2025

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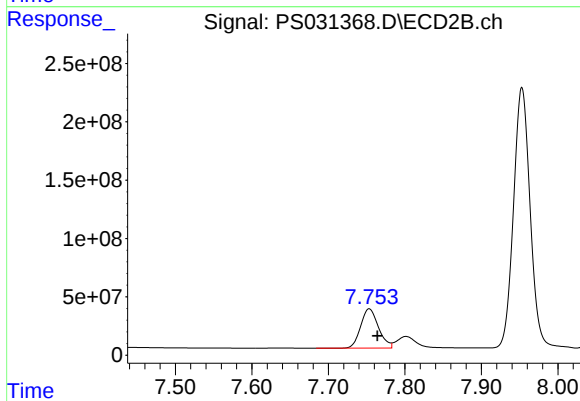
#3 4-Nitrophenol

R.T.: 7.295 min
Delta R.T.: -0.006 min
Response: 766991300
Conc: 594.15 ng/ml



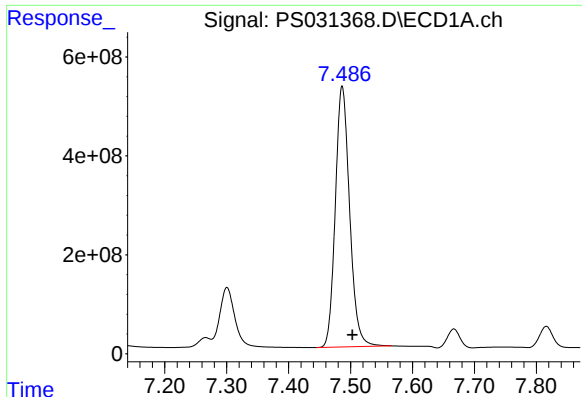
#4 2,4-DCAA

R.T.: 7.300 min
Delta R.T.: -0.014 min
Response: 2108018699
Conc: 723.56 ng/ml



#4 2,4-DCAA

R.T.: 7.753 min
Delta R.T.: -0.011 min
Response: 544431981
Conc: 651.95 ng/ml



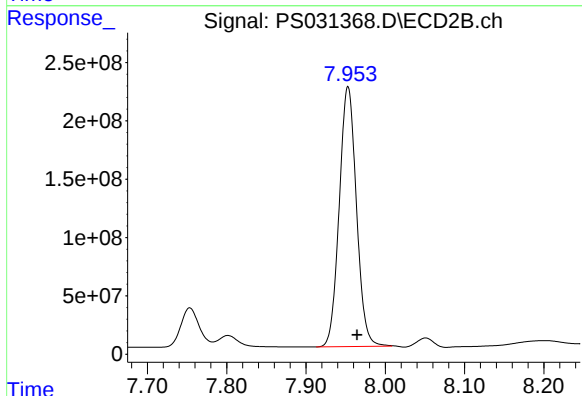
#5 DICAMBA

R.T.: 7.486 min
Delta R.T.: -0.017 min
Response: 8452180716
Conc: 654.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

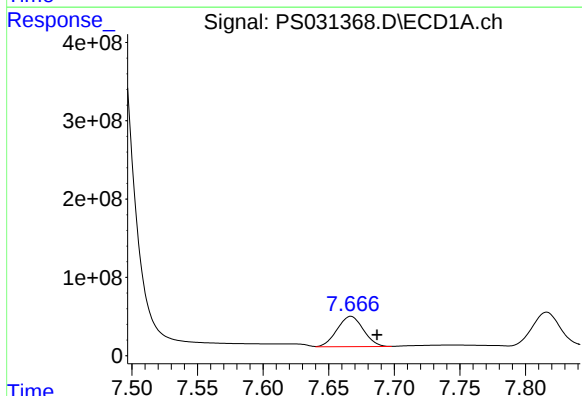
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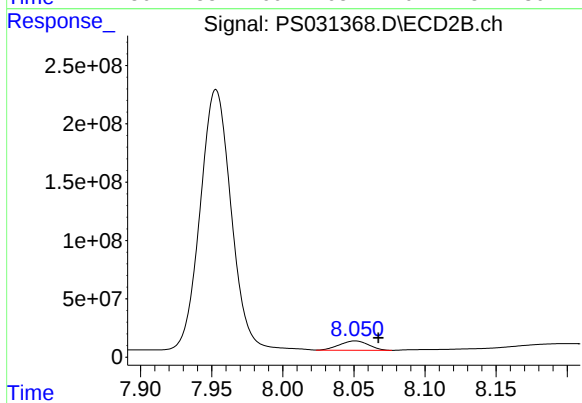
#5 DICAMBA

R.T.: 7.953 min
Delta R.T.: -0.012 min
Response: 3354881409
Conc: 618.89 ng/ml m



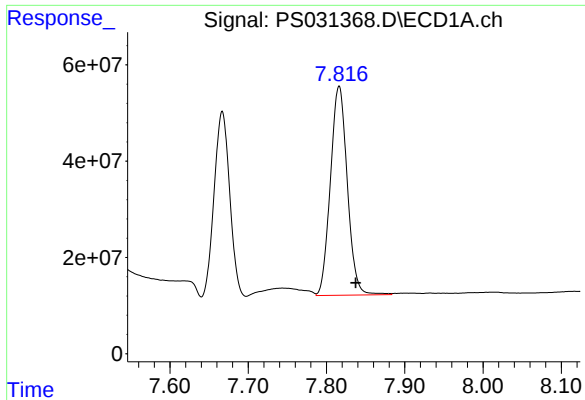
#6 MCP

R.T.: 7.666 min
Delta R.T.: -0.020 min
Response: 542196293
Conc: 67.41 ug/ml m



#6 MCP

R.T.: 8.050 min
Delta R.T.: -0.017 min
Response: 114986515
Conc: 67.27 ug/ml m



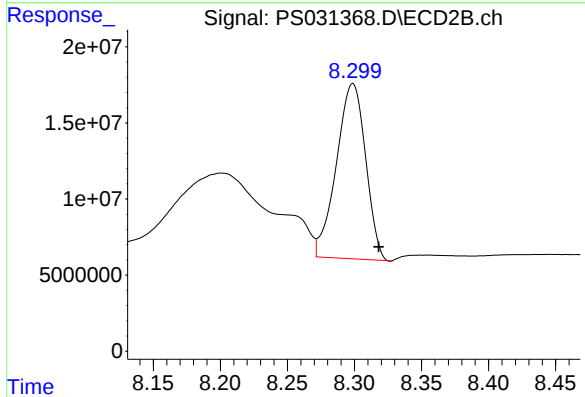
#7 MCPA

R.T.: 7.816 min
Delta R.T.: -0.021 min
Response: 652396817
Conc: 66.73 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

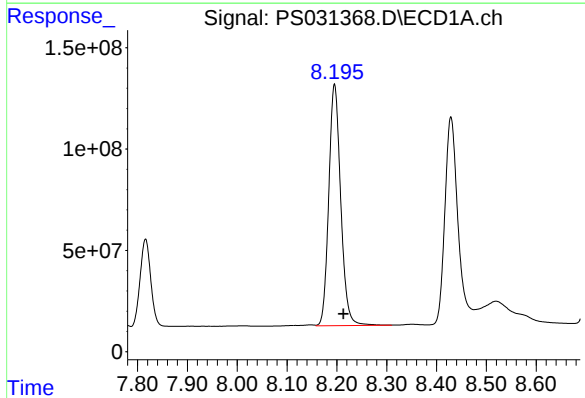
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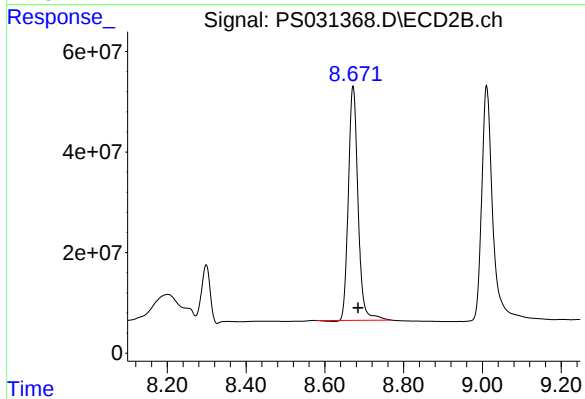
#7 MCPA

R.T.: 8.299 min
Delta R.T.: -0.019 min
Response: 174128943
Conc: 67.13 ug/ml



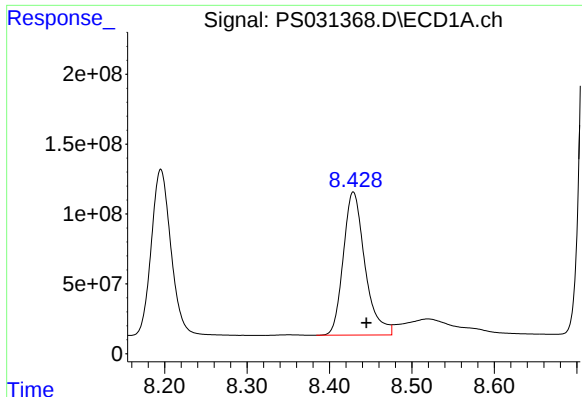
#8 DICHLORPROP

R.T.: 8.195 min
Delta R.T.: -0.018 min
Response: 1982928768
Conc: 652.28 ng/ml



#8 DICHLORPROP

R.T.: 8.672 min
Delta R.T.: -0.013 min
Response: 793856859
Conc: 610.63 ng/ml



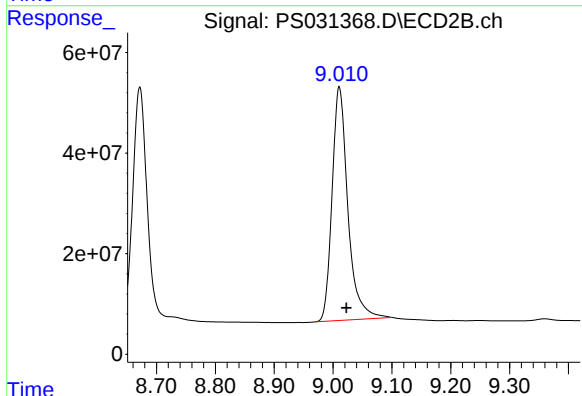
#9 2,4-D

R.T.: 8.429 min
Delta R.T.: -0.016 min
Response: 1872307670
Conc: 721.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

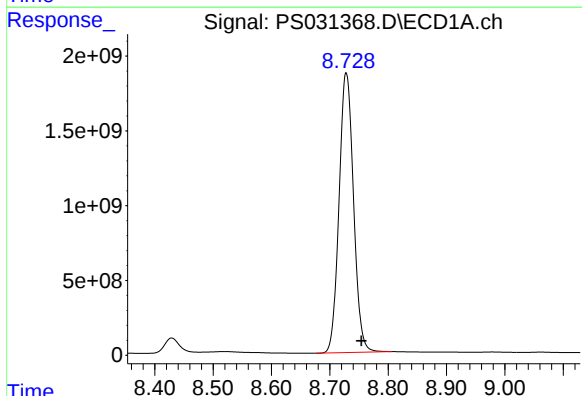
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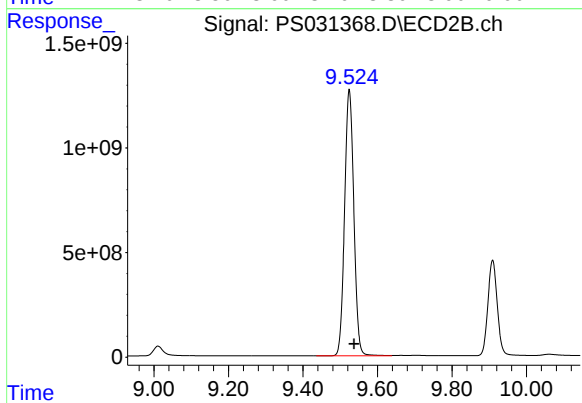
#9 2,4-D

R.T.: 9.011 min
Delta R.T.: -0.012 min
Response: 866879419
Conc: 621.18 ng/ml



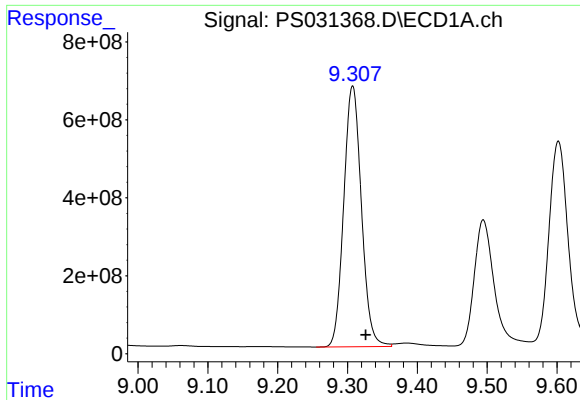
#10 Pentachlorophenol

R.T.: 8.728 min
Delta R.T.: -0.026 min
Response: 32216083589
Conc: 708.38 ng/ml m



#10 Pentachlorophenol

R.T.: 9.524 min
Delta R.T.: -0.013 min
Response: 21916952745
Conc: 654.31 ng/ml



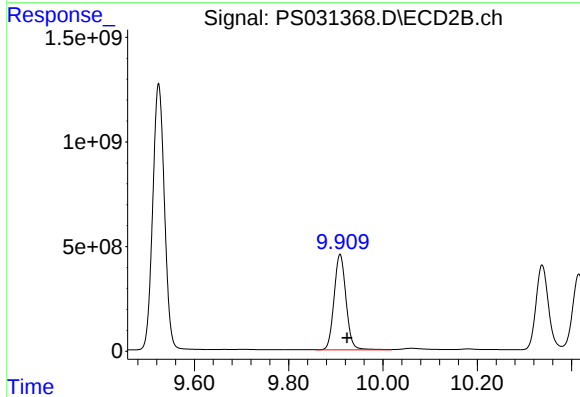
#11 2,4,5-TP (SILVEX)

R.T.: 9.307 min
Delta R.T.: -0.019 min
Response: 11764330459
Conc: 706.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

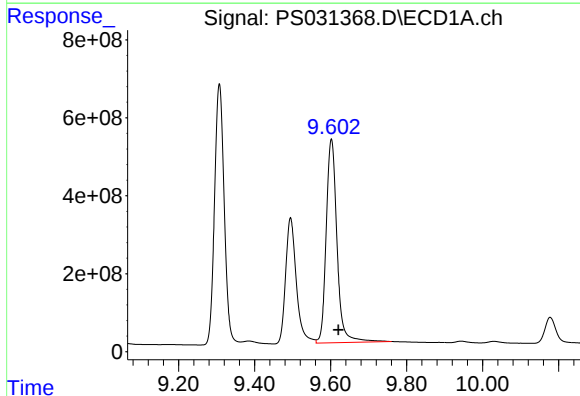
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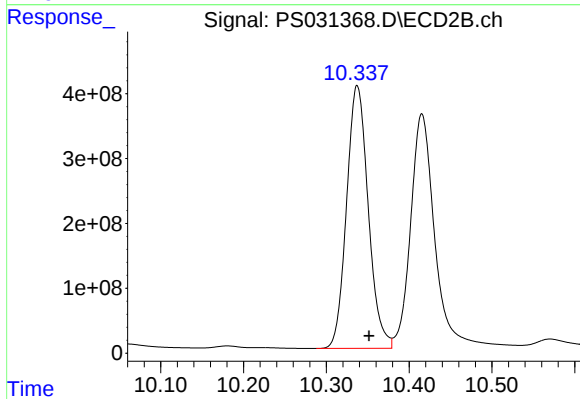
#11 2,4,5-TP (SILVEX)

R.T.: 9.909 min
Delta R.T.: -0.015 min
Response: 8008778044
Conc: 630.47 ng/ml



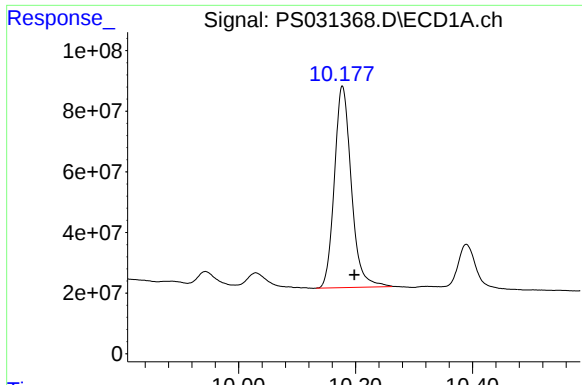
#12 2,4,5-T

R.T.: 9.602 min
Delta R.T.: -0.019 min
Response: 10279356780
Conc: 772.84 ng/ml



#12 2,4,5-T

R.T.: 10.337 min
Delta R.T.: -0.014 min
Response: 7374908905
Conc: 632.24 ng/ml



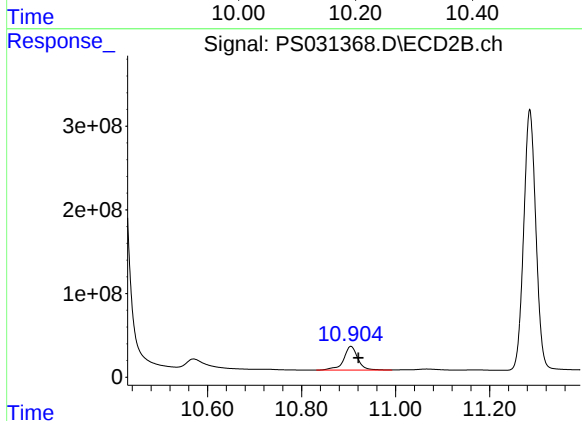
#13 2,4-DB

R.T.: 10.177 min
Delta R.T.: -0.021 min
Response: 1336693776
Conc: 765.03 ng/ml

Instrument :
ECD_S
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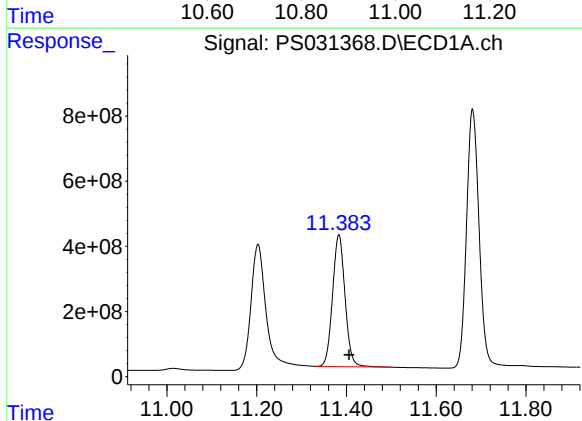
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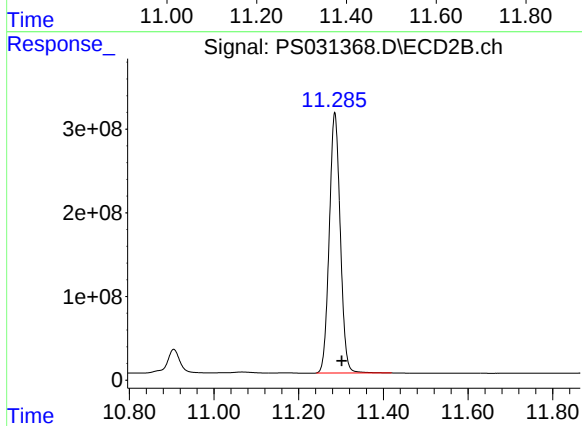
#13 2,4-DB

R.T.: 10.905 min
Delta R.T.: -0.016 min
Response: 592007964
Conc: 612.94 ng/ml



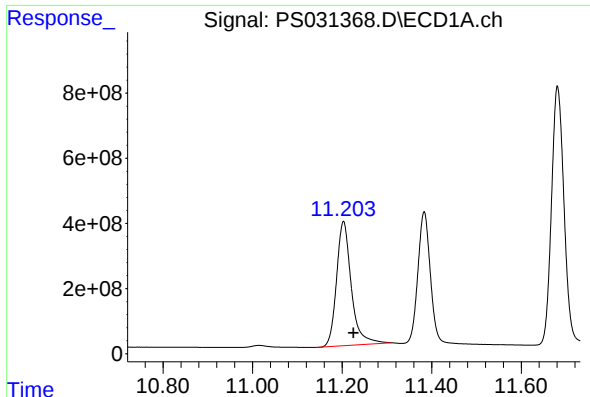
#14 DINOSEB

R.T.: 11.383 min
Delta R.T.: -0.023 min
Response: 7807285362
Conc: 681.05 ng/ml



#14 DINOSEB

R.T.: 11.285 min
Delta R.T.: -0.017 min
Response: 5595247630
Conc: 599.07 ng/ml



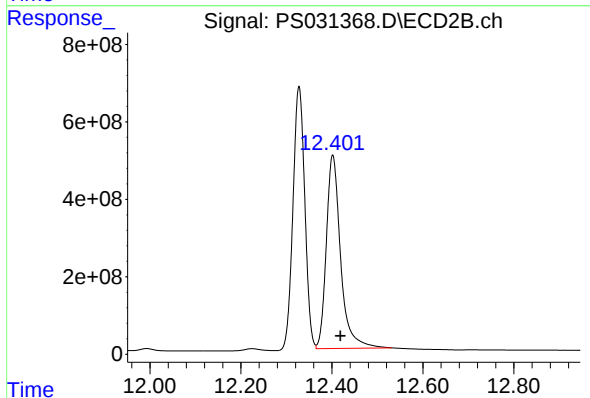
#15 Picloram

R.T.: 11.203 min
Delta R.T.: -0.022 min
Response: 8711892317
Conc: 743.99 ng/ml

Instrument :
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ClientSampleId :
HSTDCCC750

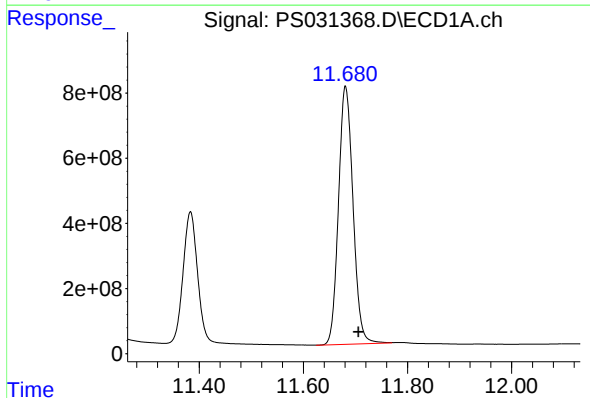
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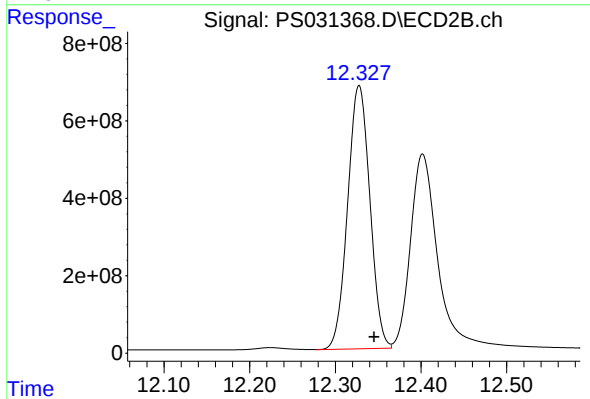
#15 Picloram

R.T.: 12.402 min
Delta R.T.: -0.017 min
Response: 10902492421
Conc: 637.76 ng/ml



#16 DCPA

R.T.: 11.680 min
Delta R.T.: -0.025 min
Response: 15339269594
Conc: 739.74 ng/ml m



#16 DCPA

R.T.: 12.327 min
Delta R.T.: -0.018 min
Response: 12288218776
Conc: 658.82 ng/ml m