

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040325\
 Data File : PS029693.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2025 22:00
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/04/2025
 Supervised By : mohammad ahmed 04/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 03:02:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 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	6.959	7.473	1769.4E6	585.5E6	867.852	859.186
Target Compounds							
1) T	Dalapon	2.463	2.534	2616.0E6	1175.6E6	771.145	740.472
2) T	3,5-DICHL...	6.162	6.469	2452.2E6	773.0E6	815.294	800.535
3) T	4-Nitroph...	6.749	7.008	1162.7E6	551.2E6	827.689	777.493
5) T	DICAMBA	7.136	7.660	6633.4E6	3073.8E6	797.101	832.247
6) T	MCPD	7.315	7.767	466.4E6	135.0E6	86.062	79.938
7) T	MCPA	7.457	7.998	617.1E6	184.0E6	84.901	80.862
8) T	DICHLORPROP	7.817	8.354	1862.9E6	815.6E6	846.999	844.156
9) T	2,4-D	8.037	8.668	2066.0E6	915.9E6	857.423	849.293
10) T	Pentachlo...	8.316	9.170	26179.8E6	15232.6E6	861.035	849.667
11) T	2,4,5-TP ...	8.882	9.548	9873.9E6	6177.4E6	850.077	856.434
12) T	2,4,5-T	9.164	9.952	9751.0E6	5646.7E6	847.586	842.433
13) T	2,4-DB	9.724	10.509	1438.8E6	596.8E6	791.982	804.300
14) T	DINOSEB	10.889	10.881	7051.5E6	4228.3E6	835.280	827.005
15) T	Picloram	10.706	11.921	13261.9E6	8926.7E6	855.586	754.942m
16) T	DCPA	11.189	11.909	12005.7E6	8279.2E6	859.630	935.429m

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

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Acq On : 03 Apr 2025 22:00
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

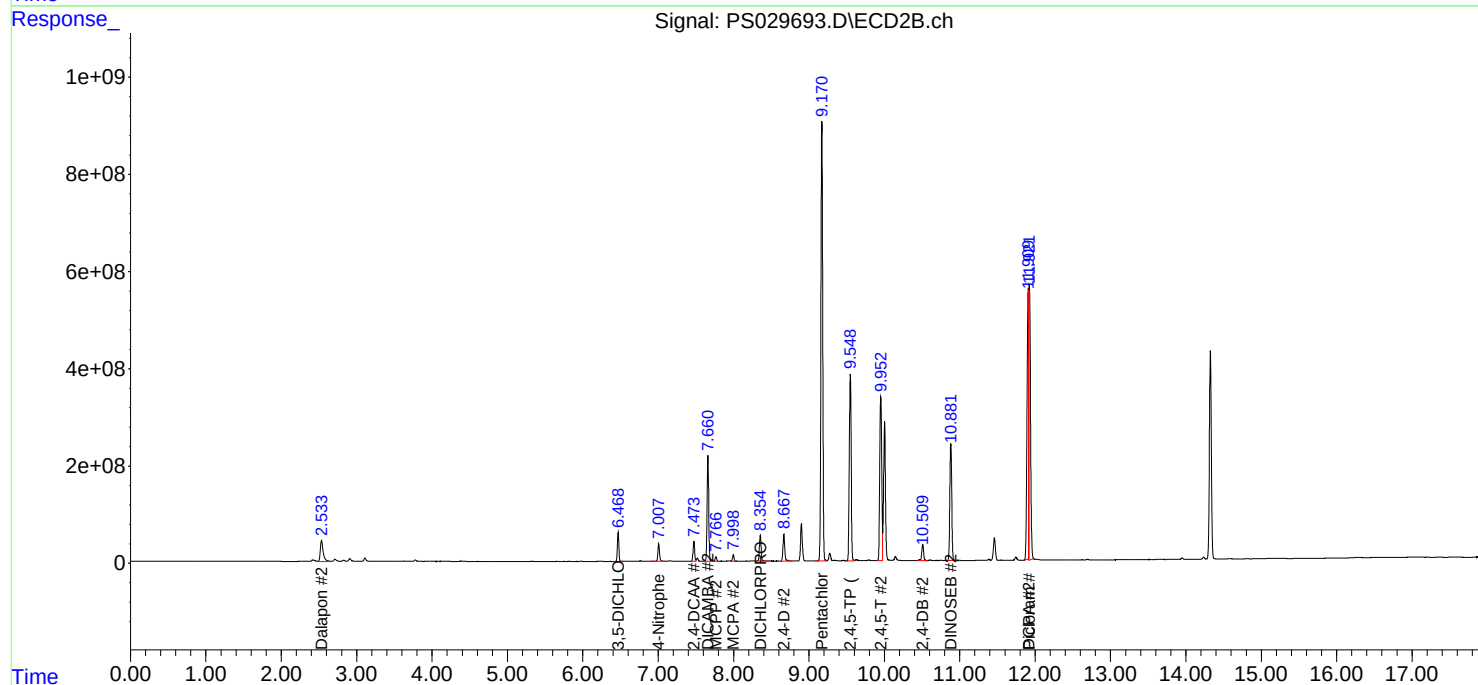
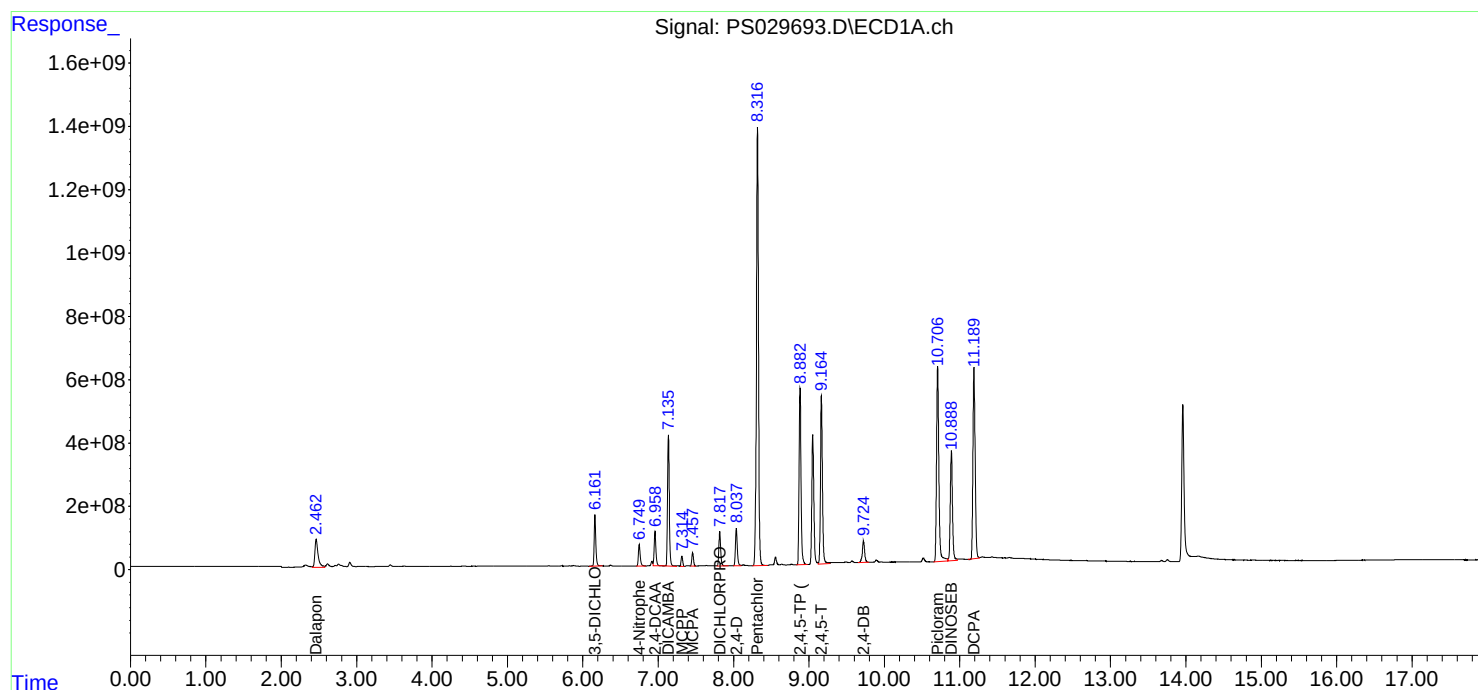
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

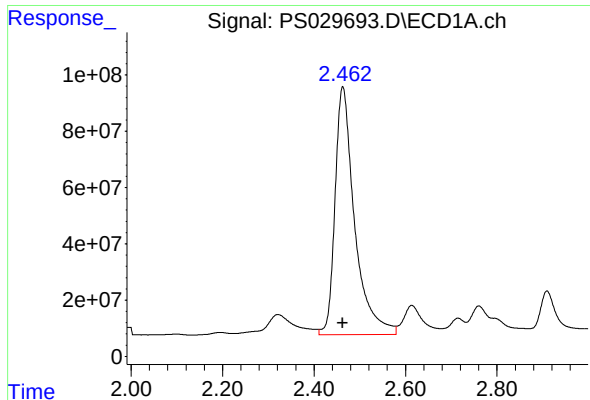
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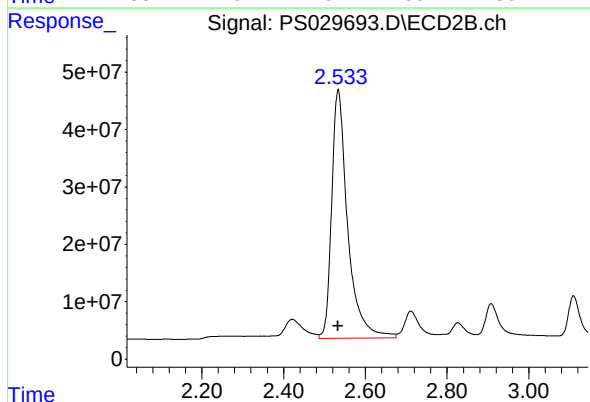
#1 Dalapon

R.T.: 2.463 min
Delta R.T.: 0.000 min
Response: 2616028894
Conc: 771.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

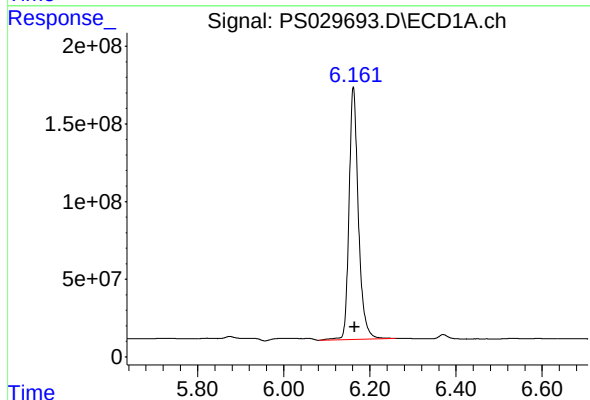
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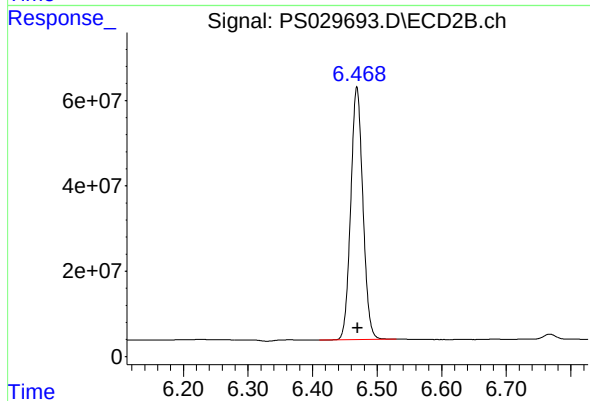
#1 Dalapon

R.T.: 2.534 min
Delta R.T.: 0.000 min
Response: 1175570731
Conc: 740.47 ng/ml



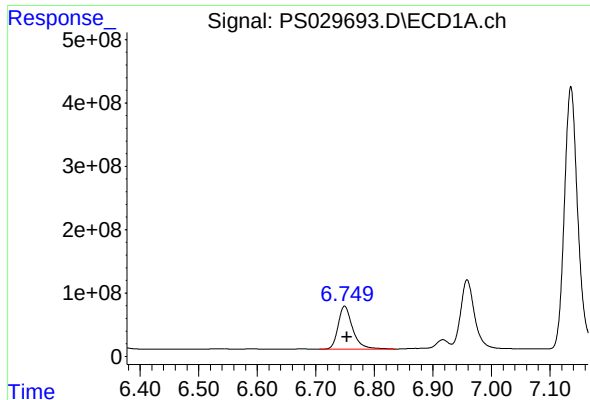
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.162 min
Delta R.T.: -0.003 min
Response: 2452208044
Conc: 815.29 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 772962260
Conc: 800.54 ng/ml



#3 4-Nitrophenol

R.T.: 6.749 min
Delta R.T.: -0.004 min
Response: 1162736834
Conc: 827.69 ng/ml

Instrument :

ECD_S

ClientSampleId :

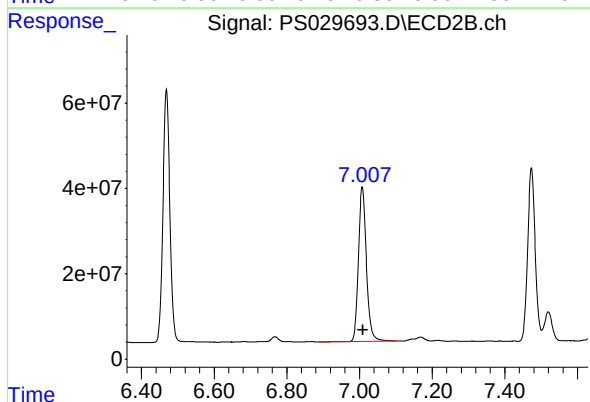
HSTDCCC750

Manual Integrations

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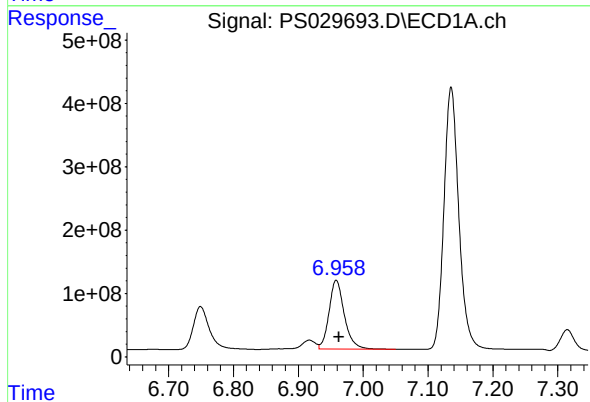
Reviewed By :Abdul Mirza 04/04/2025

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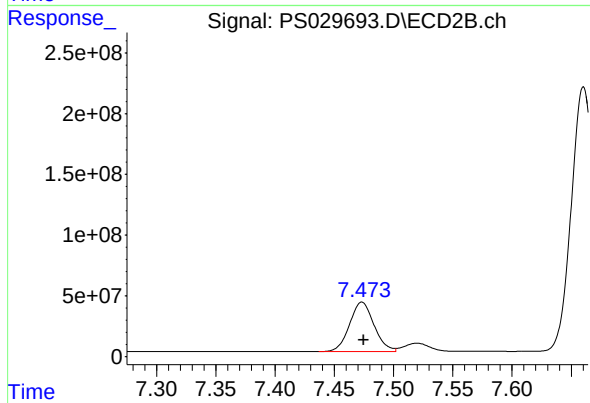
#3 4-Nitrophenol

R.T.: 7.008 min
Delta R.T.: -0.002 min
Response: 551241488
Conc: 777.49 ng/ml



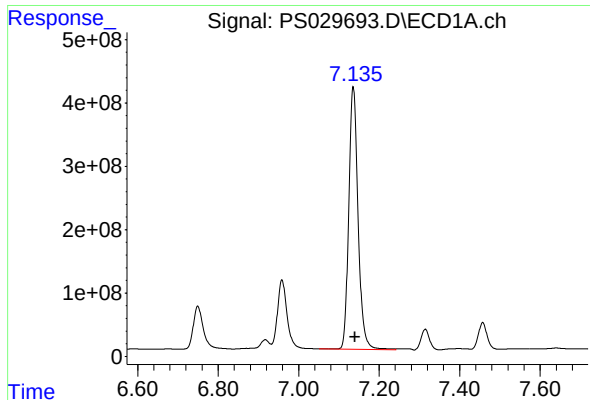
#4 2,4-DCAA

R.T.: 6.959 min
Delta R.T.: -0.004 min
Response: 1769403781
Conc: 867.85 ng/ml



#4 2,4-DCAA

R.T.: 7.473 min
Delta R.T.: -0.002 min
Response: 585546543
Conc: 859.19 ng/ml



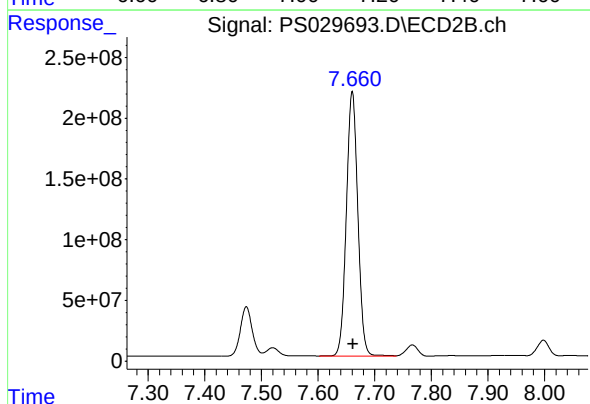
#5 DICAMBA

R.T.: 7.136 min
Delta R.T.: -0.004 min
Response: 6633430482
Conc: 797.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

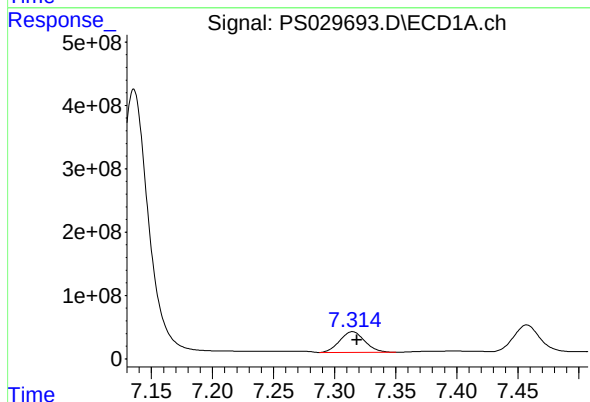
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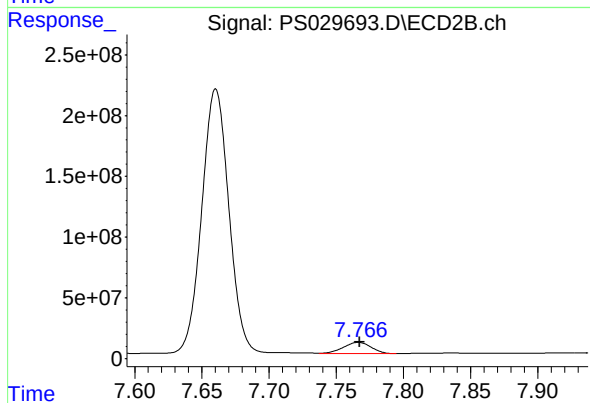
#5 DICAMBA

R.T.: 7.660 min
Delta R.T.: -0.001 min
Response: 3073797212
Conc: 832.25 ng/ml



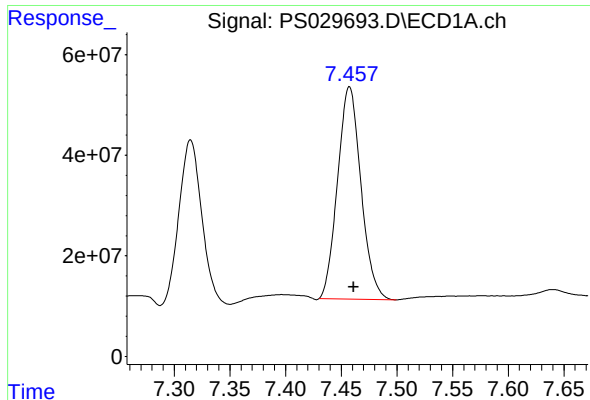
#6 MCP

R.T.: 7.315 min
Delta R.T.: -0.003 min
Response: 466443556
Conc: 86.06 ug/ml



#6 MCP

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 134973912
Conc: 79.94 ug/ml



#7 MCPA

R.T.: 7.457 min
Delta R.T.: -0.004 min
Response: 617146751
Conc: 84.90 ug/ml

Instrument :

ECD_S

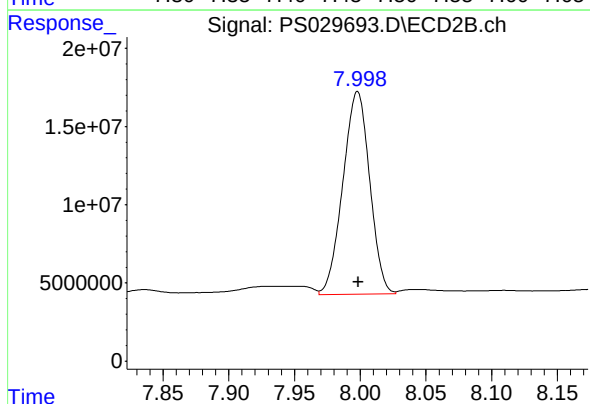
ClientSampleId :

HSTDCCC750

Manual Integrations

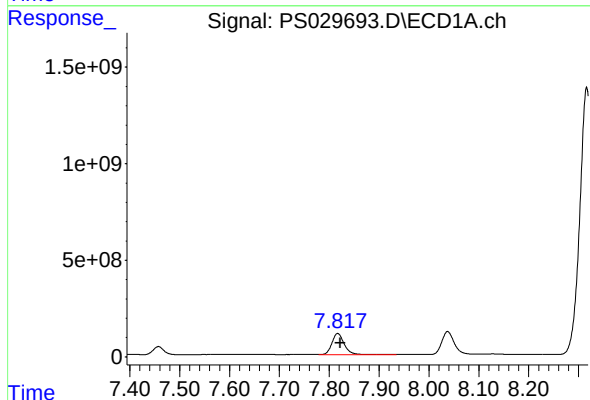
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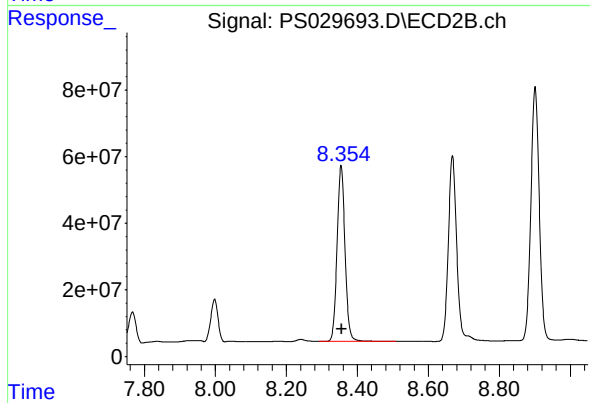
#7 MCPA

R.T.: 7.998 min
Delta R.T.: 0.000 min
Response: 183982523
Conc: 80.86 ug/ml



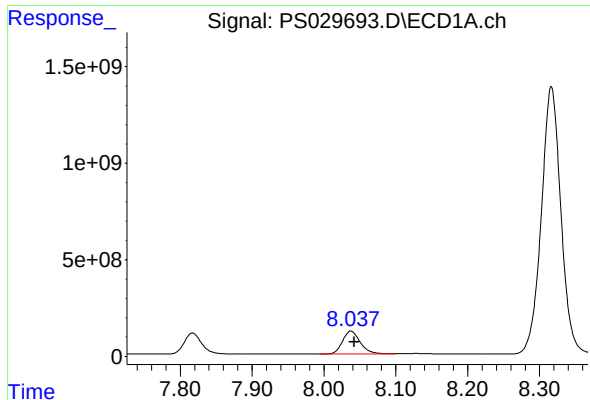
#8 DICHLORPROP

R.T.: 7.817 min
Delta R.T.: -0.005 min
Response: 1862922182
Conc: 847.00 ng/ml



#8 DICHLORPROP

R.T.: 8.354 min
Delta R.T.: -0.002 min
Response: 815583800
Conc: 844.16 ng/ml



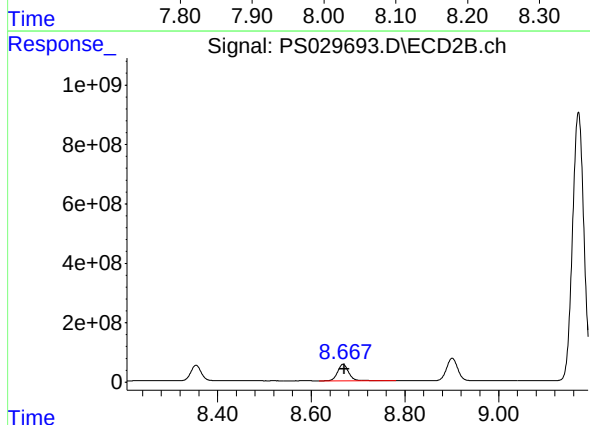
#9 2,4-D

R.T.: 8.037 min
Delta R.T.: -0.005 min
Response: 2066037715
Conc: 857.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

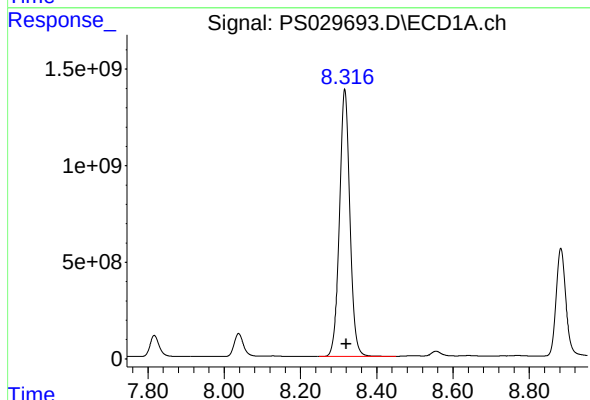
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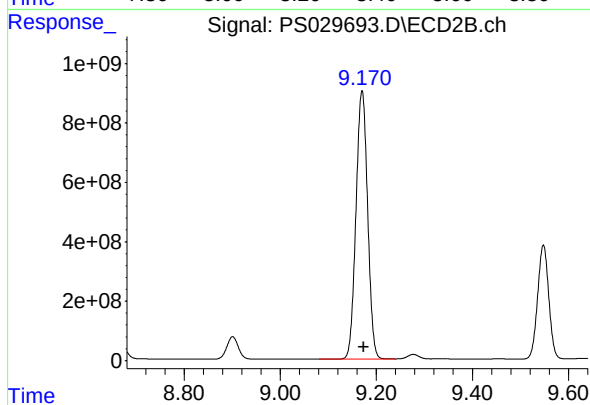
#9 2,4-D

R.T.: 8.668 min
Delta R.T.: -0.003 min
Response: 915932177
Conc: 849.29 ng/ml



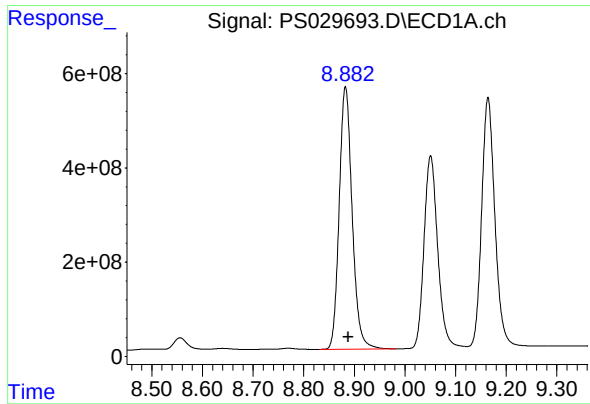
#10 Pentachlorophenol

R.T.: 8.316 min
Delta R.T.: -0.004 min
Response: 26179760125
Conc: 861.03 ng/ml



#10 Pentachlorophenol

R.T.: 9.170 min
Delta R.T.: -0.003 min
Response: 15232592068
Conc: 849.67 ng/ml



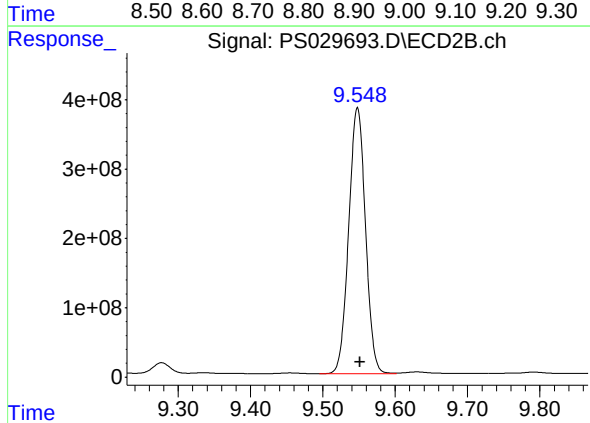
#11 2,4,5-TP (SILVEX)

R.T.: 8.882 min
Delta R.T.: -0.005 min
Response: 9873938248
Conc: 850.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

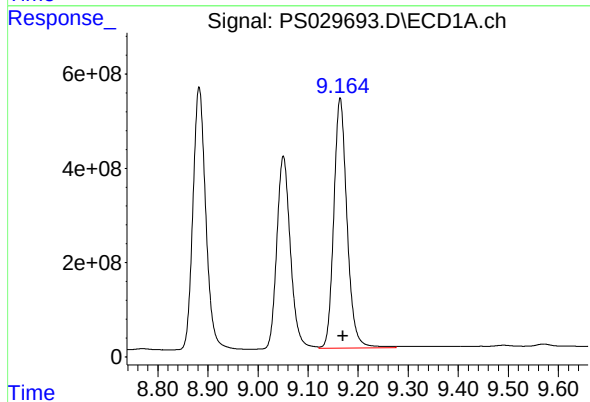
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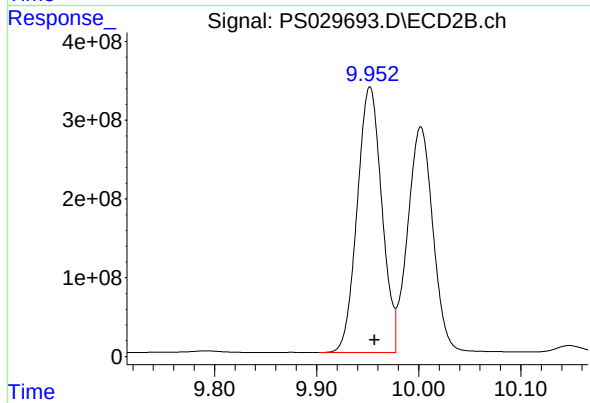
#11 2,4,5-TP (SILVEX)

R.T.: 9.548 min
Delta R.T.: -0.003 min
Response: 6177423266
Conc: 856.43 ng/ml



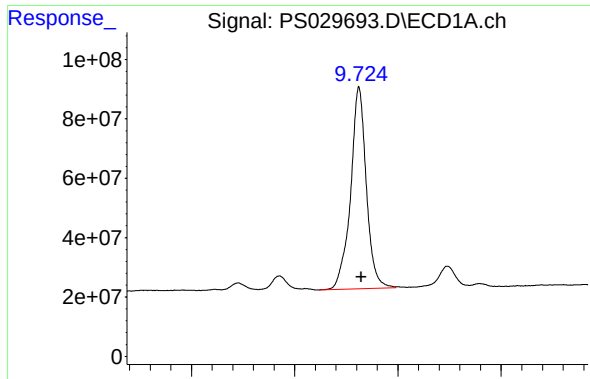
#12 2,4,5-T

R.T.: 9.164 min
Delta R.T.: -0.006 min
Response: 9750988223
Conc: 847.59 ng/ml



#12 2,4,5-T

R.T.: 9.952 min
Delta R.T.: -0.005 min
Response: 5646691942
Conc: 842.43 ng/ml



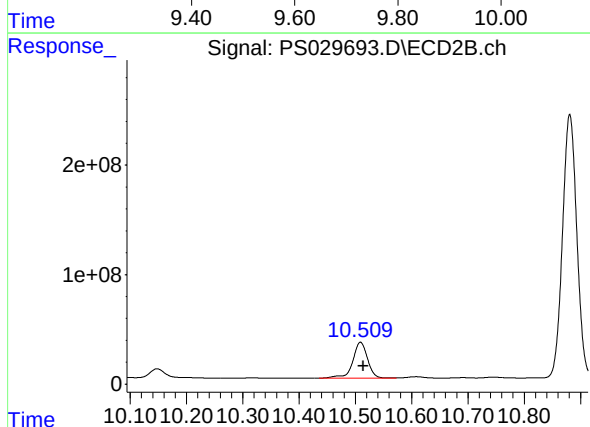
#13 2,4-DB

R.T.: 9.724 min
Delta R.T.: -0.005 min
Response: 1438827931
Conc: 791.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

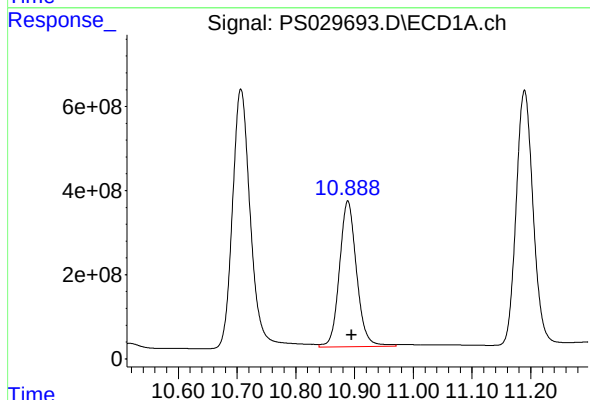
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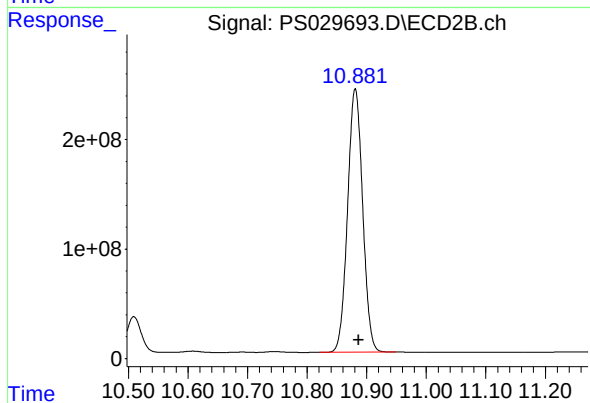
#13 2,4-DB

R.T.: 10.509 min
Delta R.T.: -0.005 min
Response: 596770453
Conc: 804.30 ng/ml



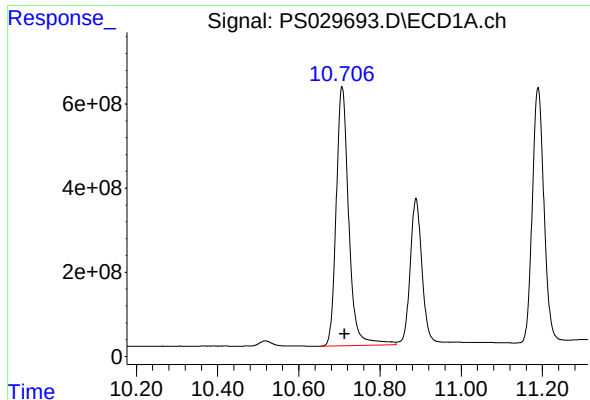
#14 DINOSEB

R.T.: 10.889 min
Delta R.T.: -0.006 min
Response: 7051466190
Conc: 835.28 ng/ml



#14 DINOSEB

R.T.: 10.881 min
Delta R.T.: -0.006 min
Response: 4228311583
Conc: 827.00 ng/ml



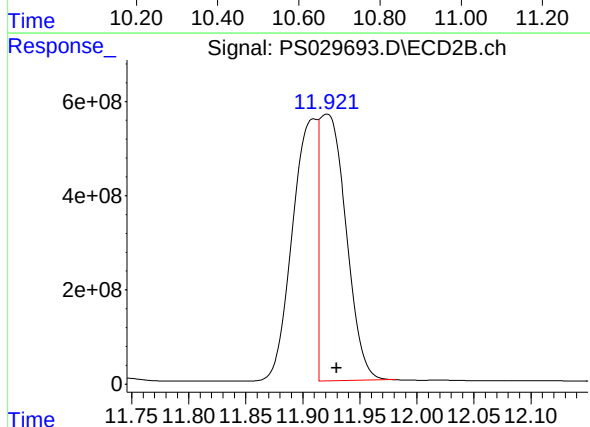
#15 Picloram

R.T.: 10.706 min
Delta R.T.: -0.007 min
Response: 13261923979
Conc: 855.59 ng/ml

Instrument :
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HSTDCCC750

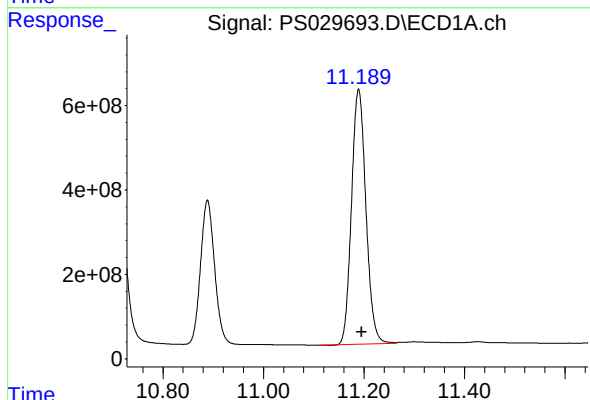
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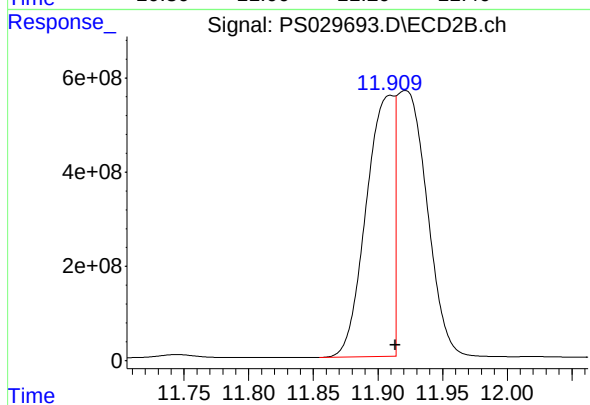
#15 Picloram

R.T.: 11.921 min
Delta R.T.: -0.009 min
Response: 8926749857
Conc: 754.94 ng/ml m



#16 DCPA

R.T.: 11.189 min
Delta R.T.: -0.006 min
Response: 12005680089
Conc: 859.63 ng/ml



#16 DCPA

R.T.: 11.909 min
Delta R.T.: -0.005 min
Response: 8279167878
Conc: 935.43 ng/ml m