

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS112725\
 Data File : PS032557.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Nov 2025 05:44
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/01/2025
 Supervised By :mohammad ahmed 12/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 28 20:24:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS110325.M
 Quant Title : 8080.M
 QLast Update : Tue Nov 04 04:59:50 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	7.273	7.611	3517.8E6	2908.8E6	776.346	797.913m
Target Compounds							
1) T	Dalapon	2.654	2.604	4902.5E6	4749.9E6	682.918	683.045
2) T	3,5-DICHL...	6.441	6.579	4595.6E6	4290.6E6	710.705	714.042
3) T	4-Nitroph...	7.087	7.172	1043.5E6	1685.4E6	777.342	742.499
5) T	DICAMBA	7.457	7.805	14202.1E6	12663.8E6	752.782	733.178
6) T	MCPD	7.636	7.904	882.1E6	992.5E6	81.003m	74.620
7) T	MCPA	7.786	8.149	1025.3E6	1225.2E6	76.368	75.144m
8) T	DICHLORPROP	8.163	8.516	3255.2E6	3370.9E6	731.712	706.810
9) T	2,4-D	8.399	8.855	3282.3E6	3691.2E6	727.500	703.676
10) T	Pentachlo...	8.700	9.354	47692.4E6	42101.5E6	760.169	717.200
11) T	2,4,5-TP ...	9.268	9.739	19551.0E6	18257.8E6	751.627	679.895
12) T	2,4,5-T	9.563	10.166	17538.9E6	16775.1E6	735.745m	707.270
13) T	2,4-DB	10.139	10.730	2236.9E6	2547.4E6	848.883	675.464
14) T	DINOSEB	11.334	11.102	14124.4E6	11447.8E6	678.809	647.229
15) T	Picloram	11.162	12.214	17297.1E6	22247.9E6	814.917m	598.349 #
16) T	DCPA	11.633	12.137	24066.5E6	21159.6E6	717.289	664.131m

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

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Sample : HSTDCCC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

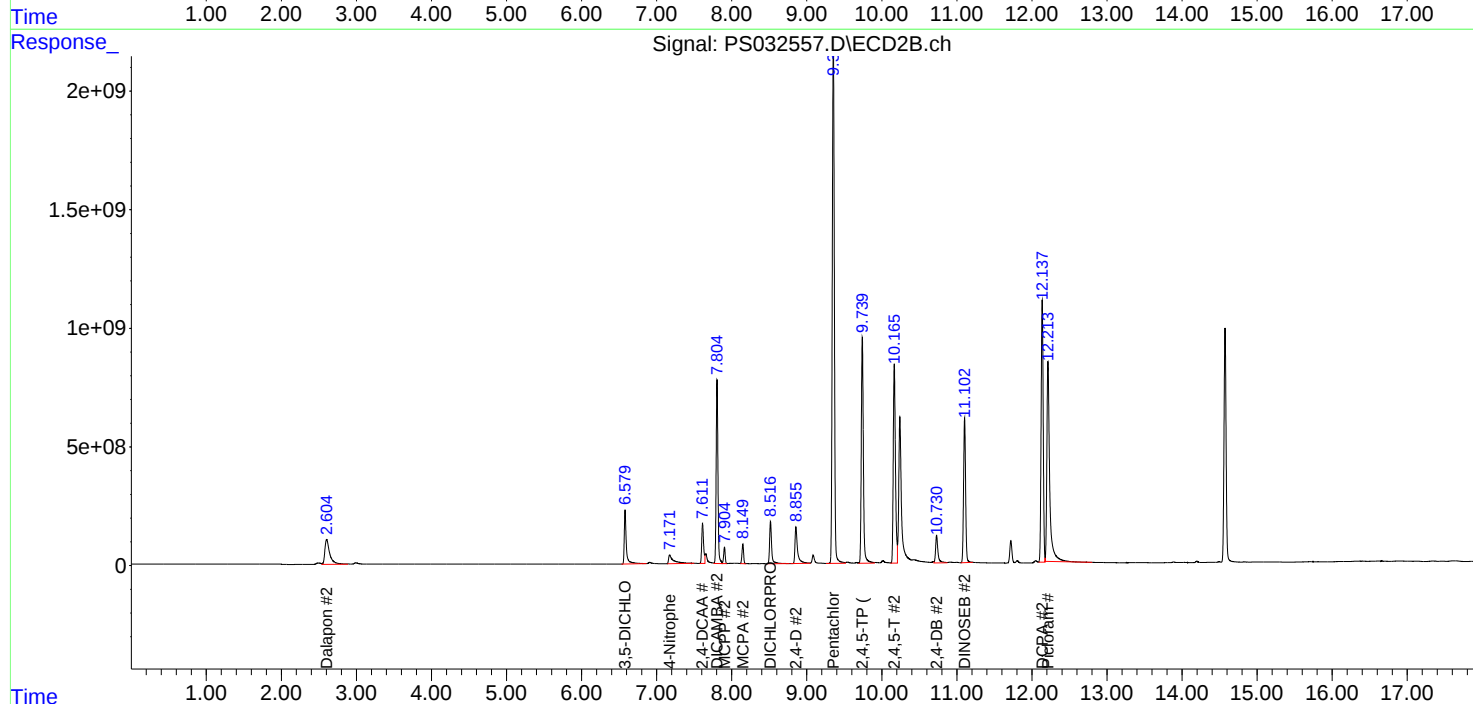
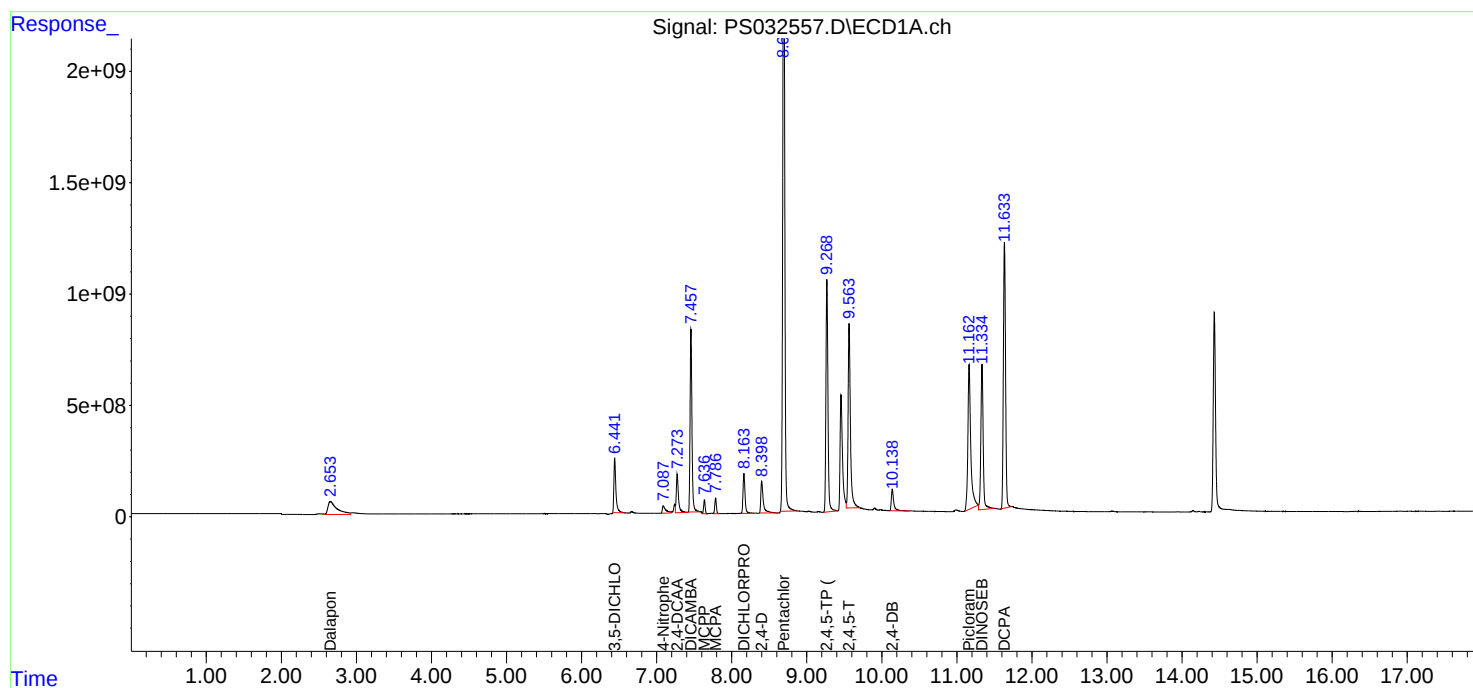
Instrument :
ECD_S
ClientSampleId :
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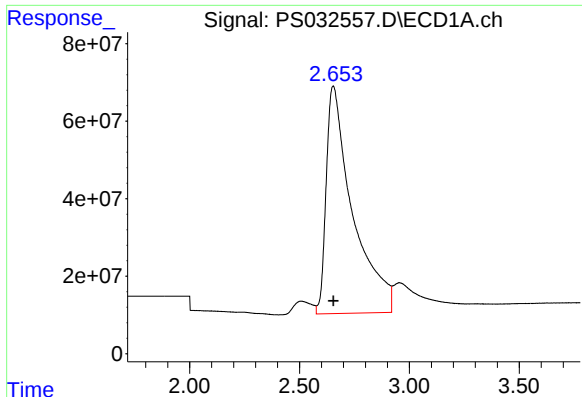
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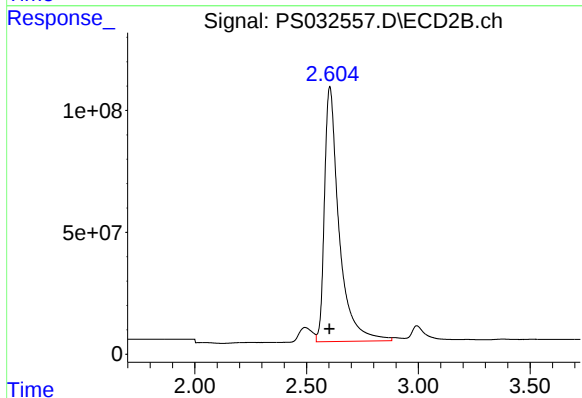
#1 Dalapon

R.T.: 2.654 min
Delta R.T.: 0.000 min
Response: 4902514999
Conc: 682.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

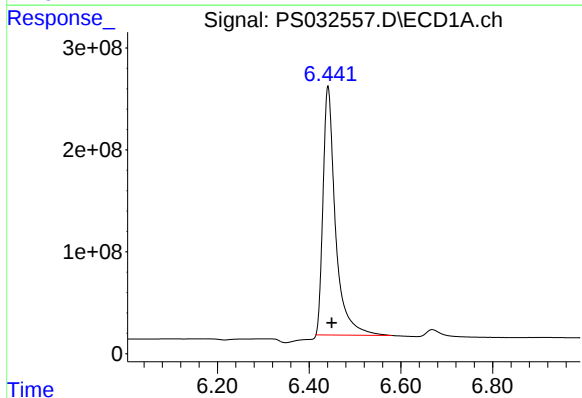
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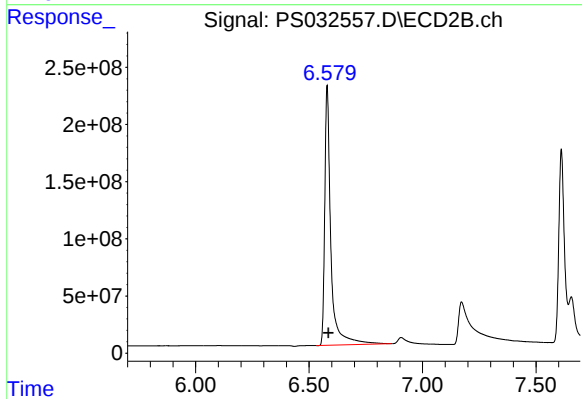
#1 Dalapon

R.T.: 2.604 min
Delta R.T.: 0.001 min
Response: 4749891497
Conc: 683.04 ng/ml



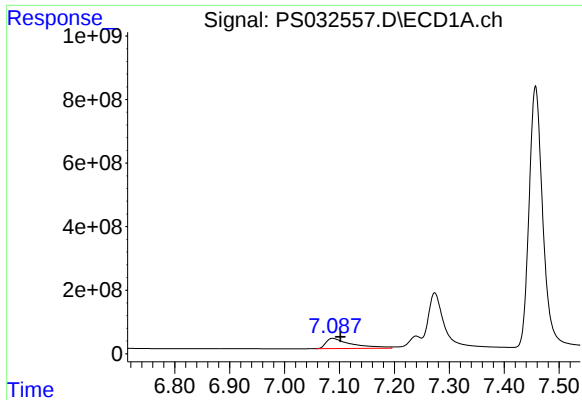
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.441 min
Delta R.T.: -0.008 min
Response: 4595565084
Conc: 710.70 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.579 min
Delta R.T.: -0.006 min
Response: 4290633840
Conc: 714.04 ng/ml



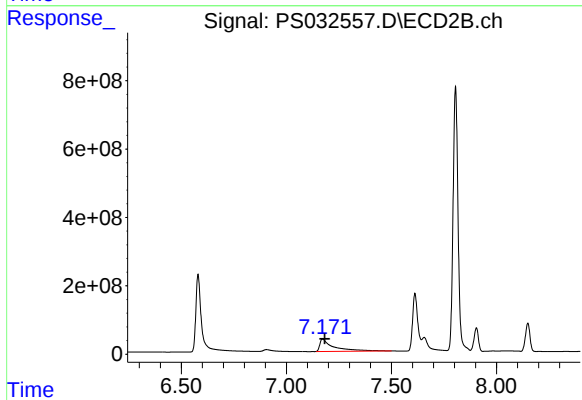
#3 4-Nitrophenol

R.T.: 7.087 min
Delta R.T.: -0.014 min
Response: 1043548922
Conc: 777.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

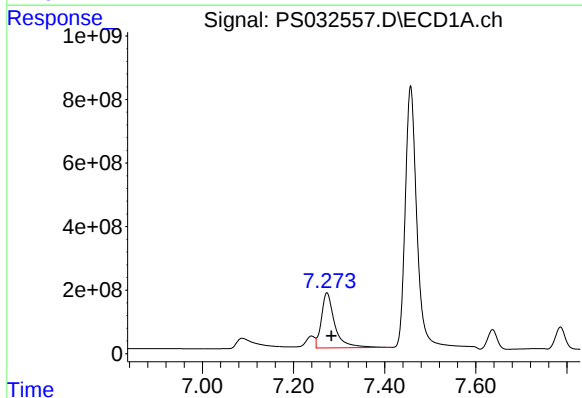
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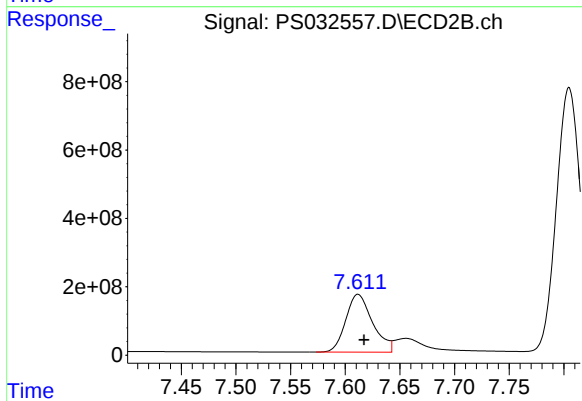
#3 4-Nitrophenol

R.T.: 7.172 min
Delta R.T.: -0.011 min
Response: 1685414703
Conc: 742.50 ng/ml



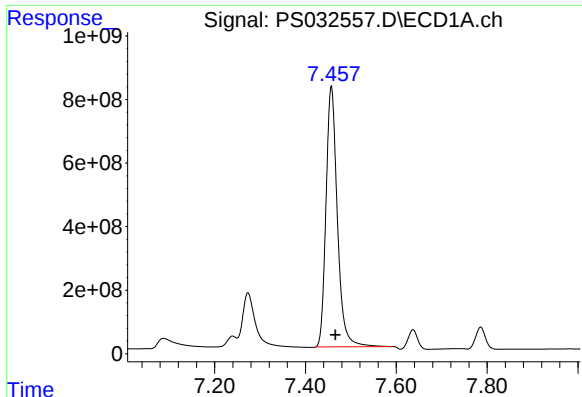
#4 2,4-DCAA

R.T.: 7.273 min
Delta R.T.: -0.010 min
Response: 3517834346
Conc: 776.35 ng/ml



#4 2,4-DCAA

R.T.: 7.611 min
Delta R.T.: -0.006 min
Response: 2908787365
Conc: 797.91 ng/ml m



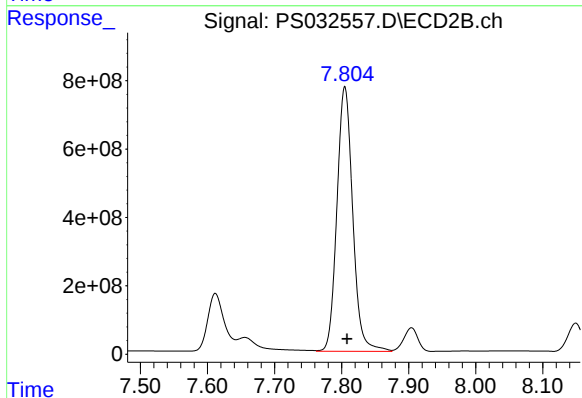
#5 DICAMBA

R.T.: 7.457 min
Delta R.T.: -0.009 min
Response: 14202116516
Conc: 752.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

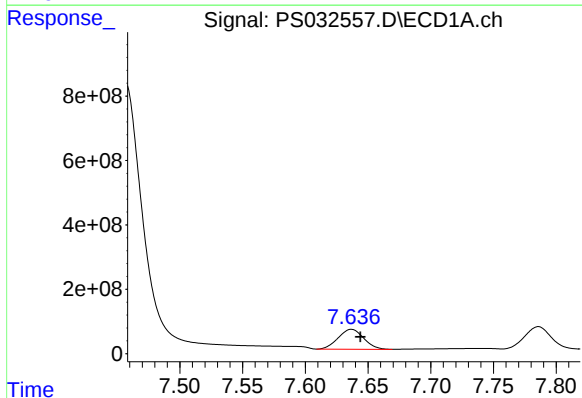
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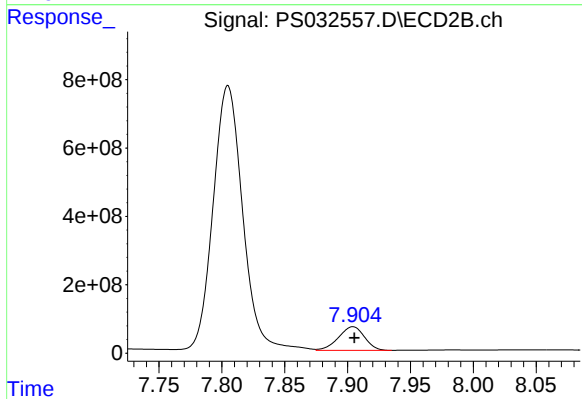
#5 DICAMBA

R.T.: 7.805 min
Delta R.T.: -0.003 min
Response: 12663786169
Conc: 733.18 ng/ml



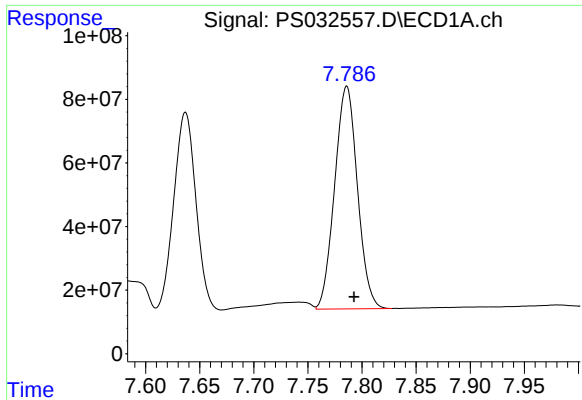
#6 MCP

R.T.: 7.636 min
Delta R.T.: -0.007 min
Response: 882131320
Conc: 81.00 ug/ml m



#6 MCP

R.T.: 7.904 min
Delta R.T.: -0.001 min
Response: 992517752
Conc: 74.62 ug/ml



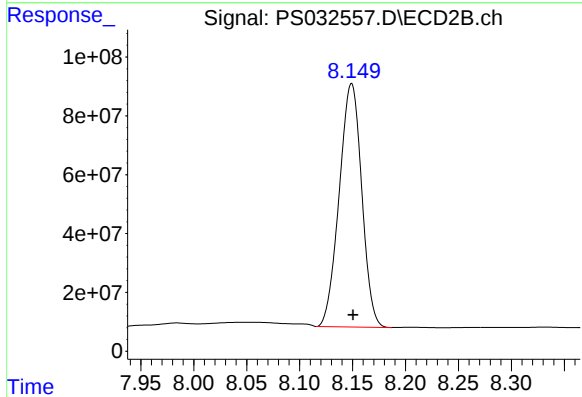
#7 MCPA

R.T.: 7.786 min
Delta R.T.: -0.007 min
Response: 1025304386
Conc: 76.37 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

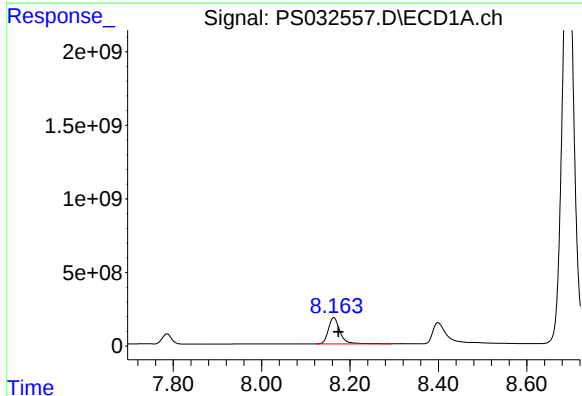
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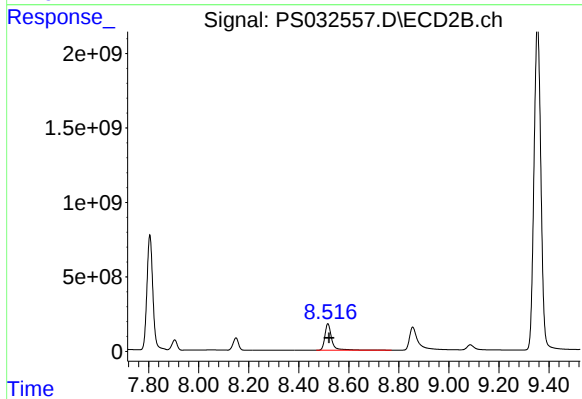
#7 MCPA

R.T.: 8.149 min
Delta R.T.: -0.002 min
Response: 1225176579
Conc: 75.14 ug/ml m



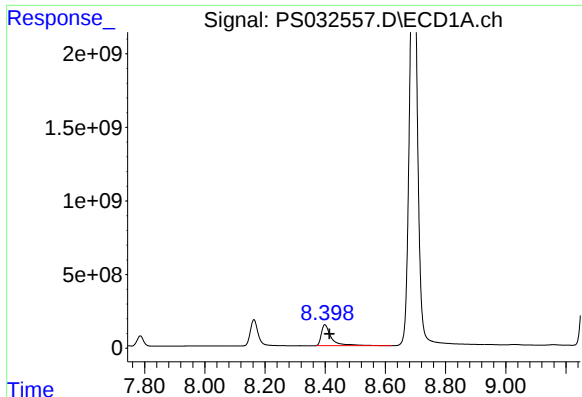
#8 DICHLORPROP

R.T.: 8.163 min
Delta R.T.: -0.011 min
Response: 3255207289
Conc: 731.71 ng/ml



#8 DICHLORPROP

R.T.: 8.516 min
Delta R.T.: -0.005 min
Response: 3370877936
Conc: 706.81 ng/ml



#9 2,4-D

R.T.: 8.399 min
Delta R.T.: -0.015 min
Response: 3282342506
Conc: 727.50 ng/ml

Instrument :

ECD_S

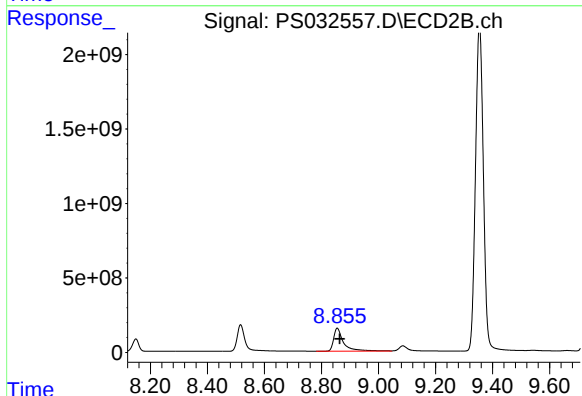
ClientSampleId :

HSTDCCC750

Manual Integrations

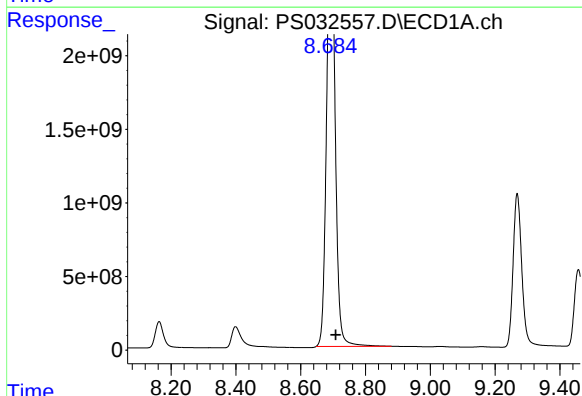
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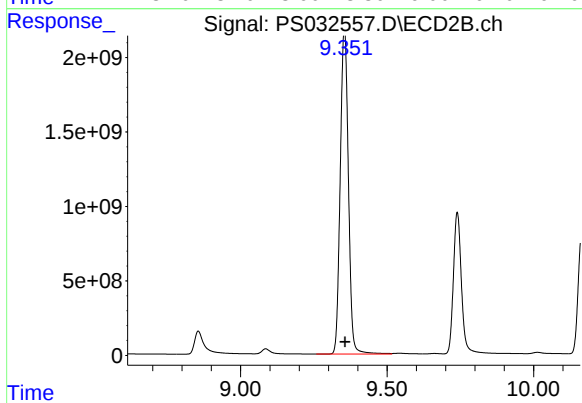
#9 2,4-D

R.T.: 8.855 min
Delta R.T.: -0.008 min
Response: 3691244507
Conc: 703.68 ng/ml



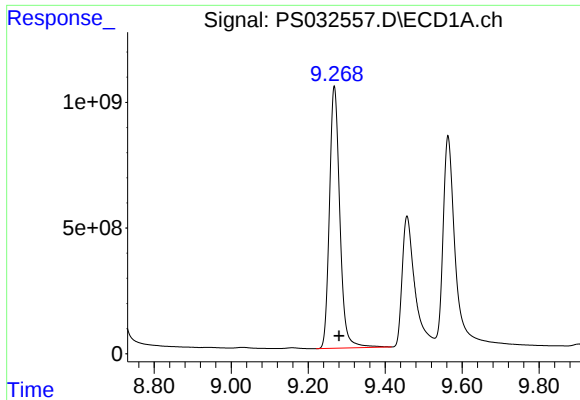
#10 Pentachlorophenol

R.T.: 8.700 min
Delta R.T.: -0.008 min
Response: 47692354635
Conc: 760.17 ng/ml



#10 Pentachlorophenol

R.T.: 9.354 min
Delta R.T.: -0.002 min
Response: 42101549029
Conc: 717.20 ng/ml



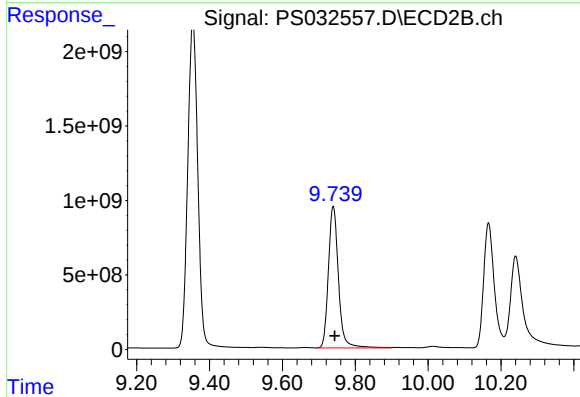
#11 2,4,5-TP (SILVEX)

R.T.: 9.268 min
Delta R.T.: -0.012 min
Response: 19550993572
Conc: 751.63 ng/ml

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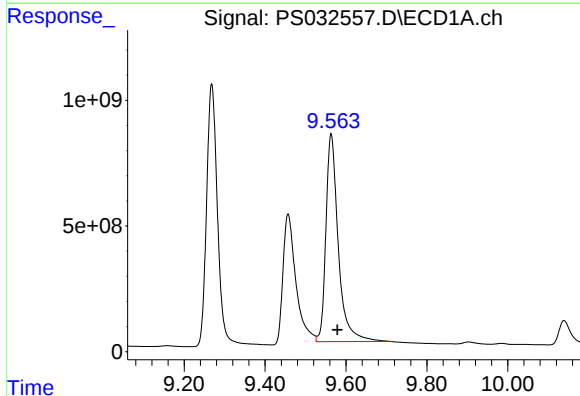
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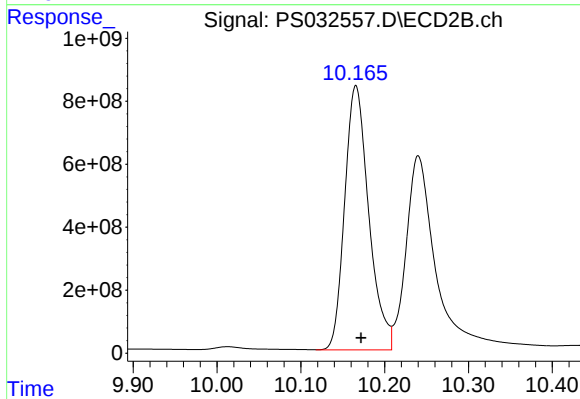
#11 2,4,5-TP (SILVEX)

R.T.: 9.739 min
Delta R.T.: -0.005 min
Response: 18257823666
Conc: 679.89 ng/ml



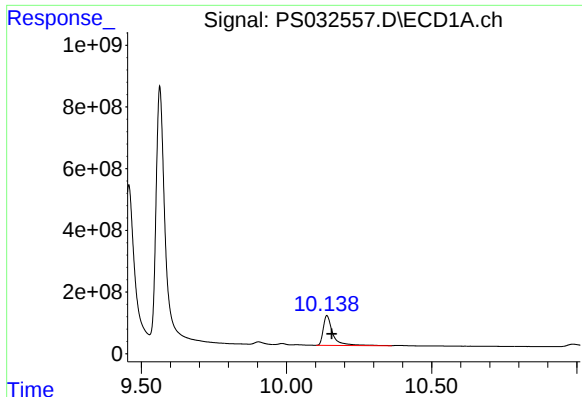
#12 2,4,5-T

R.T.: 9.563 min
Delta R.T.: -0.016 min
Response: 17538851620
Conc: 735.74 ng/ml m



#12 2,4,5-T

R.T.: 10.166 min
Delta R.T.: -0.006 min
Response: 16775058861
Conc: 707.27 ng/ml



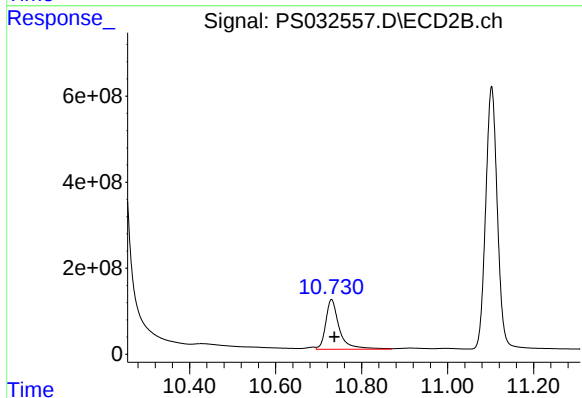
#13 2,4-DB

R.T.: 10.139 min
Delta R.T.: -0.016 min
Response: 2236904081
Conc: 848.88 ng/ml

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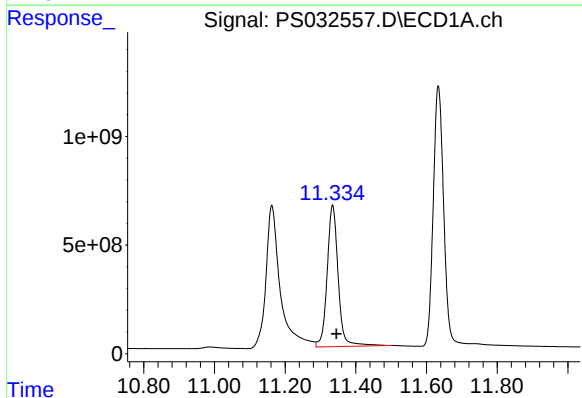
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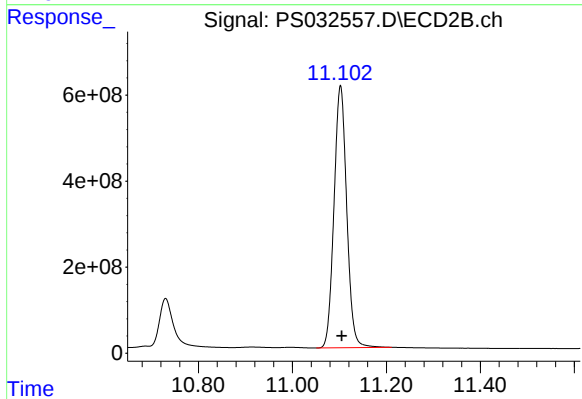
#13 2,4-DB

R.T.: 10.730 min
Delta R.T.: -0.007 min
Response: 2547405098
Conc: 675.46 ng/ml



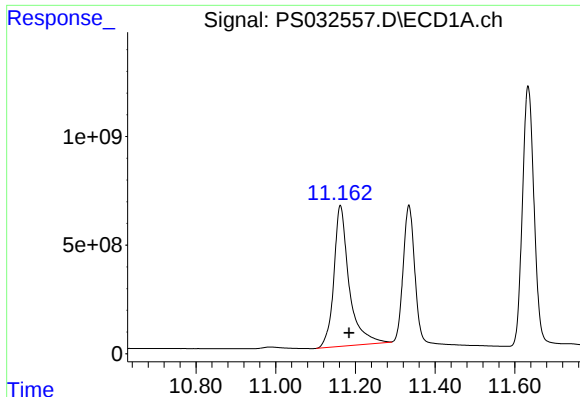
#14 DINOSEB

R.T.: 11.334 min
Delta R.T.: -0.011 min
Response: 14124365928
Conc: 678.81 ng/ml



#14 DINOSEB

R.T.: 11.102 min
Delta R.T.: -0.003 min
Response: 11447782808
Conc: 647.23 ng/ml



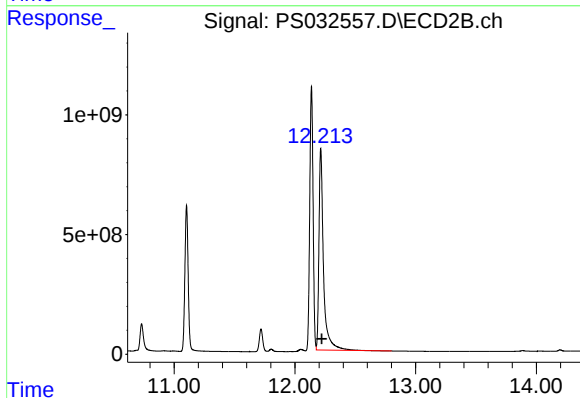
#15 Picloram

R.T.: 11.162 min
Delta R.T.: -0.022 min
Response: 17297076805
Conc: 814.92 ng/ml

Instrument :
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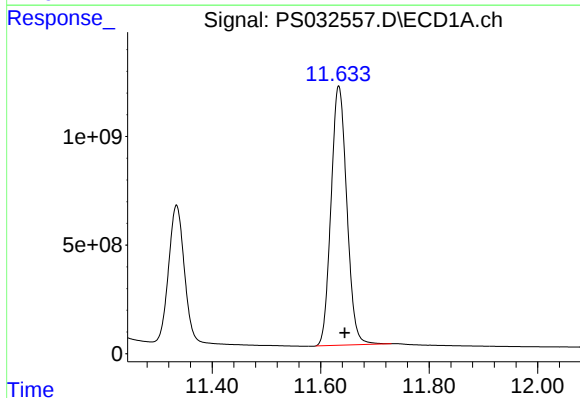
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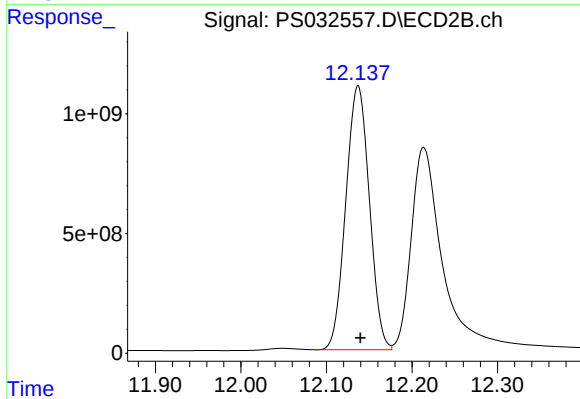
#15 Picloram

R.T.: 12.214 min
Delta R.T.: -0.009 min
Response: 22247869435
Conc: 598.35 ng/ml



#16 DCPA

R.T.: 11.633 min
Delta R.T.: -0.011 min
Response: 24066536089
Conc: 717.29 ng/ml



#16 DCPA

R.T.: 12.137 min
Delta R.T.: -0.003 min
Response: 21159556122
Conc: 664.13 ng/ml m