

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS120325\
 Data File : PS032593.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Dec 2025 17:24
 Operator : AR\AJ
 Sample : PB170794BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB170794BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/05/2025
 Supervised By : Yogesh Patel 12/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 04 00:58:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS120325.M
 Quant Title : 8080.M
 QLast Update : Wed Dec 03 13:46:29 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	7.021	7.384	2434.0E6	2353.3E6	440.651	438.957
Target Compounds							
1) T	Dalapon	2.477	2.457	3761.6E6	3195.2E6	444.231	437.755
2) T	3,5-DICHL...	6.215	6.376	3314.6E6	2676.1E6	446.888	438.092
3) T	4-Nitroph...	6.871	6.956	447.4E6	1119.5E6	356.621	468.643 #
5) T	DICAMBA	7.192	7.577	10315.7E6	8722.3E6	464.285	439.635
6) T	MCPD	7.363	7.677	549.9E6	497.9E6	43.610	37.146
7) T	MCPA	7.511	7.923	637.6E6	544.2E6	39.430	32.773
8) T	DICHLORPROP	7.888	8.283	2327.8E6	2084.2E6	431.895	419.544
9) T	2,4-D	8.134	8.620	2599.7E6	2244.0E6	425.784	399.548
10) T	Pentachlo...	8.388	9.085	39746.0E6	27584.0E6	542.069	451.472
11) T	2,4,5-TP ...	8.968	9.488	15238.6E6	12073.3E6	456.048	420.839
12) T	2,4,5-T	9.267	9.916	18169.3E6	11737.3E6	432.168	420.297
13) T	2,4-DB	9.833	10.474	1474.7E6	2549.9E6	472.807	625.972 #
14) T	DINOSEB	11.002	10.861	10983.9E6	7143.4E6	398.313	394.999m
15) T	Picloram	10.858	11.983	17189.4E6	14435.5E6	436.893	401.026
16) T	DCPA	11.292	11.866	18314.5E6	13647.0E6	457.099	401.117

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

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Sample : PB170794BS
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ALS Vial : 15 Sample Multiplier: 1

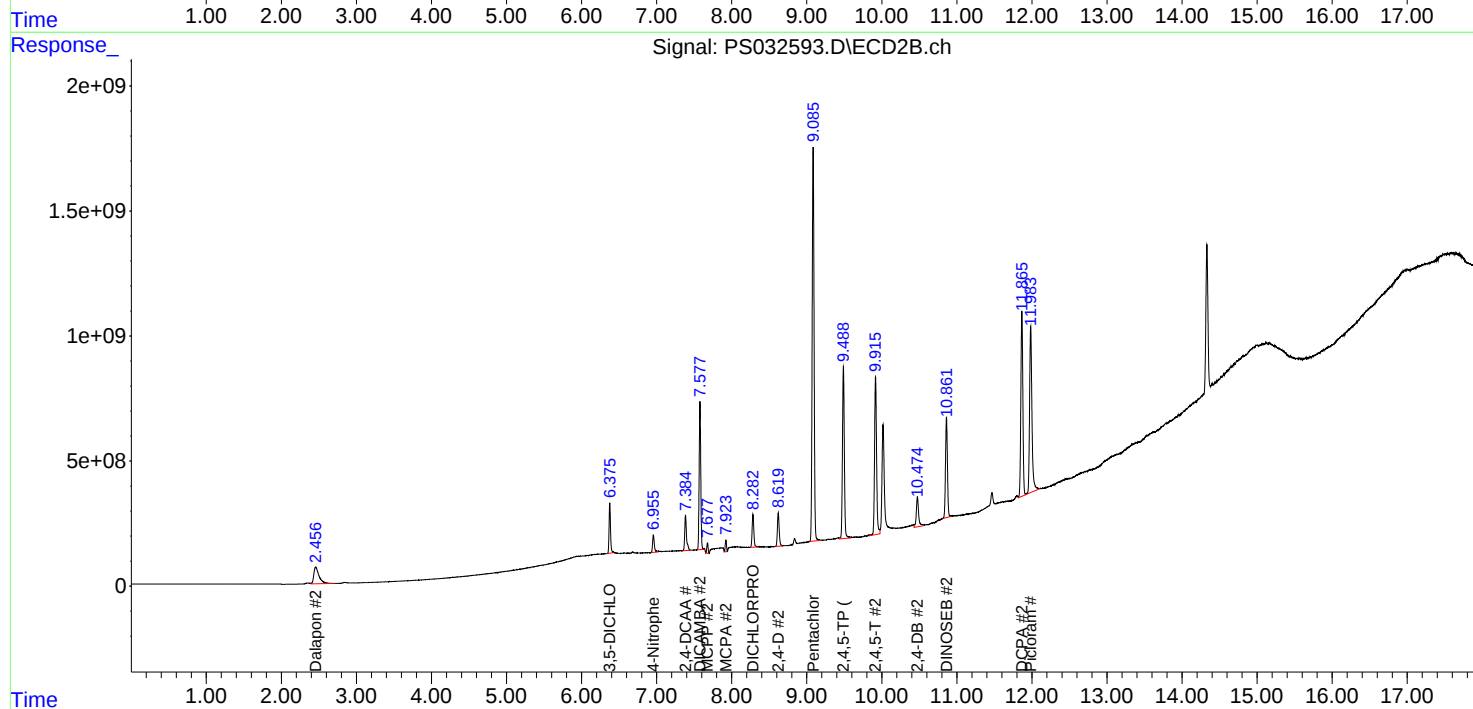
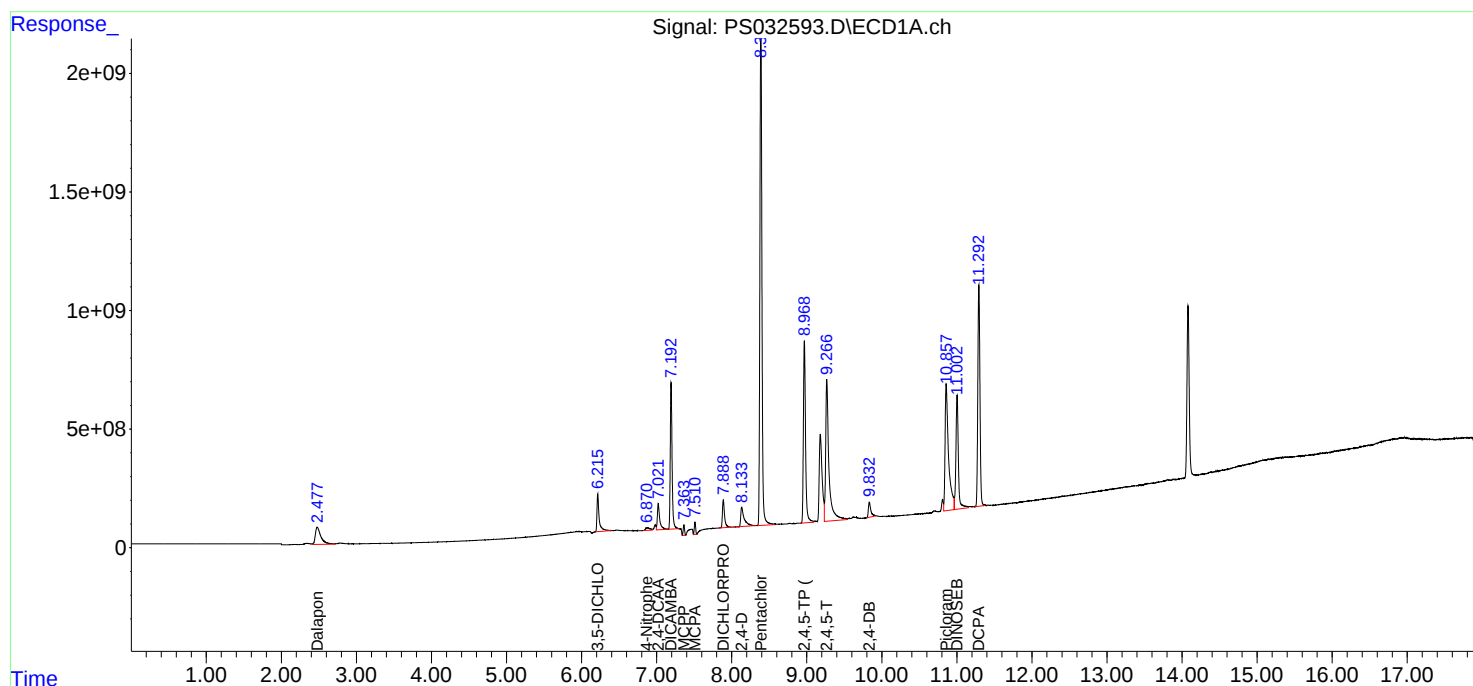
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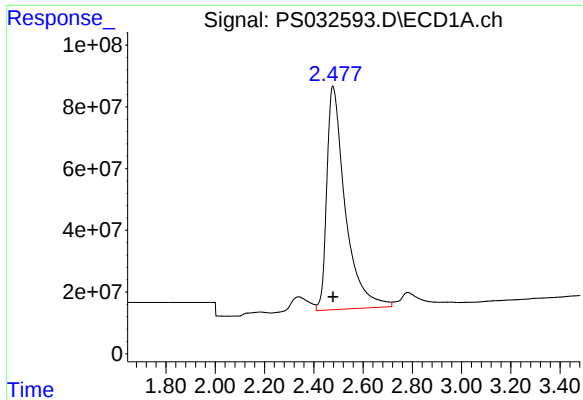
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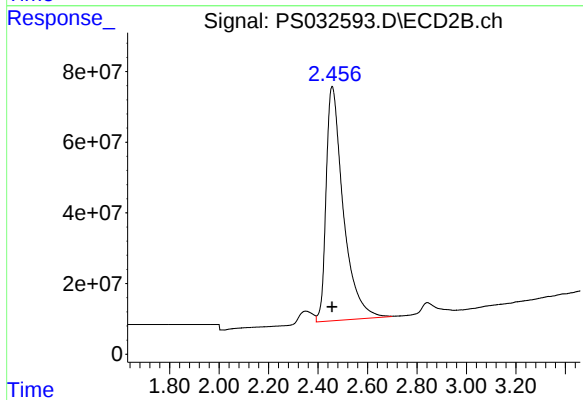
#1 Dalapon

R.T.: 2.477 min
Delta R.T.: 0.000 min
Response: 3761591498
Conc: 444.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170794BS

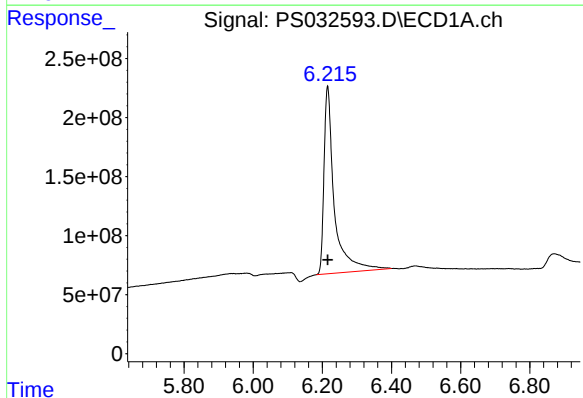
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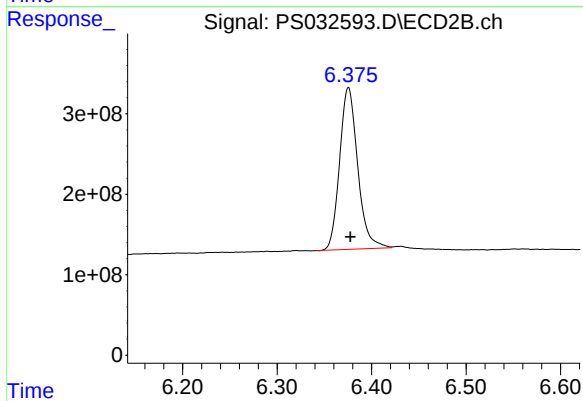
#1 Dalapon

R.T.: 2.457 min
Delta R.T.: 0.000 min
Response: 3195151040
Conc: 437.76 ng/ml



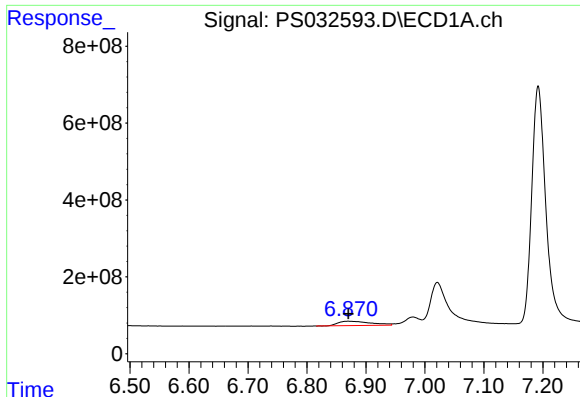
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.215 min
Delta R.T.: 0.000 min
Response: 3314649883
Conc: 446.89 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.376 min
Delta R.T.: -0.002 min
Response: 2676147831
Conc: 438.09 ng/ml



#3 4-Nitrophenol

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 447417572
Conc: 356.62 ng/ml

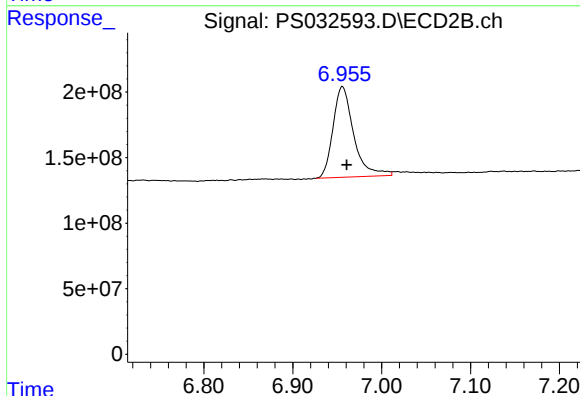
Instrument :

ECD_S

ClientSampleId :
PB170794BS

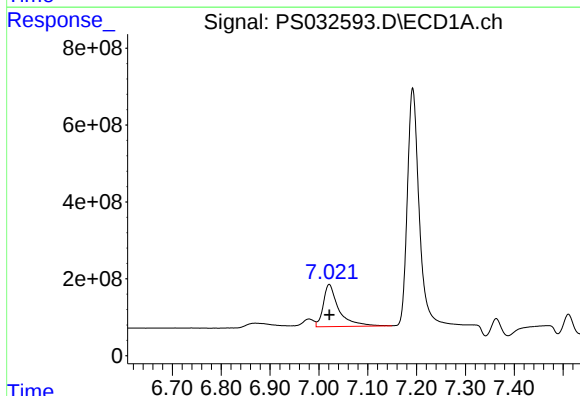
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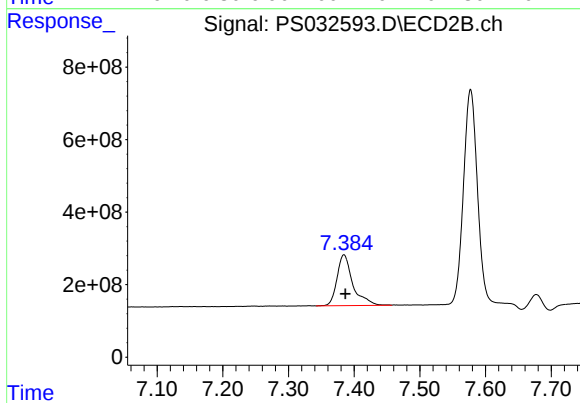
#3 4-Nitrophenol

R.T.: 6.956 min
Delta R.T.: -0.005 min
Response: 1119548989
Conc: 468.64 ng/ml



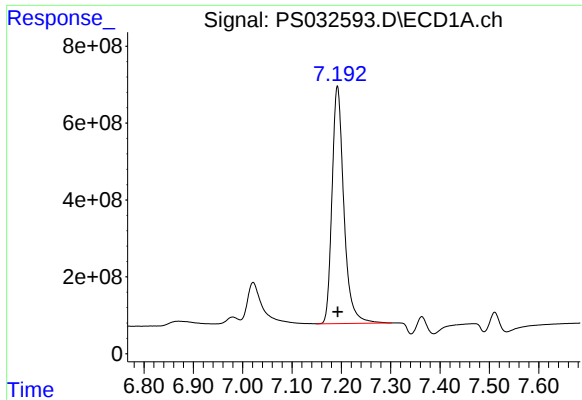
#4 2,4-DCAA

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 2434002001
Conc: 440.65 ng/ml



#4 2,4-DCAA

R.T.: 7.384 min
Delta R.T.: -0.002 min
Response: 2353344010
Conc: 438.96 ng/ml



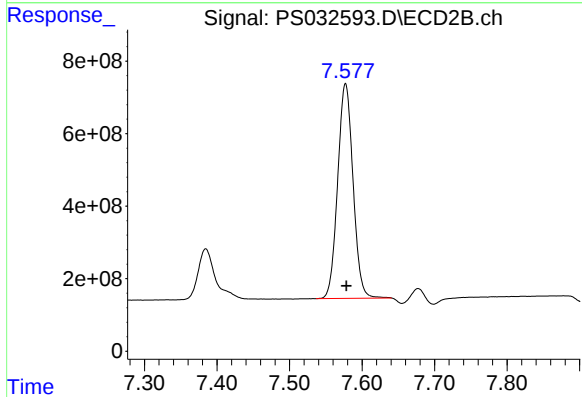
#5 DICAMBA

R.T.: 7.192 min
Delta R.T.: 0.000 min
Response: 10315656260
Conc: 464.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170794BS

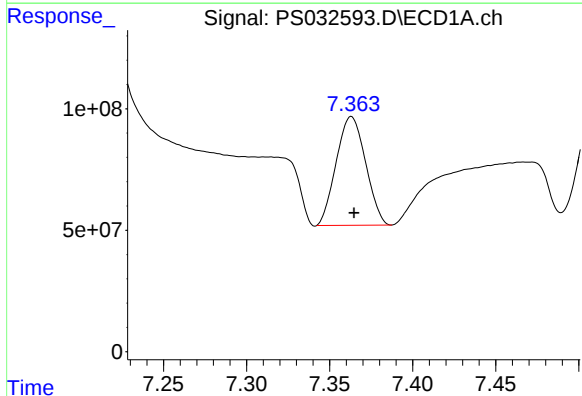
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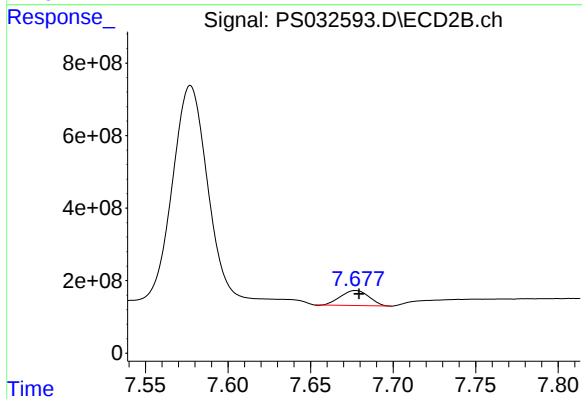
#5 DICAMBA

R.T.: 7.577 min
Delta R.T.: -0.001 min
Response: 8722298694
Conc: 439.63 ng/ml



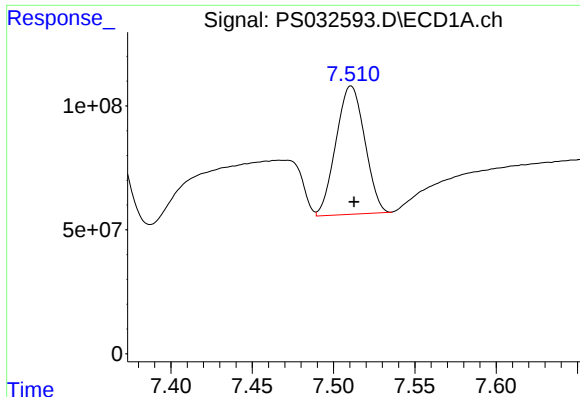
#6 MCP

R.T.: 7.363 min
Delta R.T.: -0.002 min
Response: 549902698
Conc: 43.61 ug/ml



#6 MCP

R.T.: 7.677 min
Delta R.T.: -0.002 min
Response: 497910827
Conc: 37.15 ug/ml



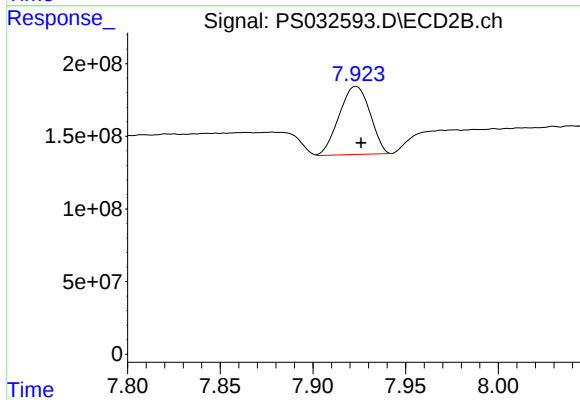
#7 MCPA

R.T.: 7.511 min
Delta R.T.: -0.002 min
Response: 637560684
Conc: 39.43 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB170794BS

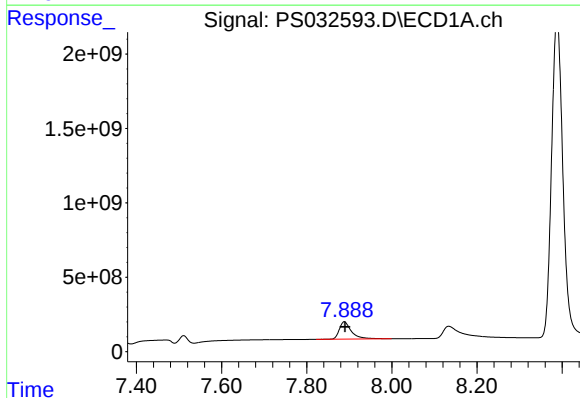
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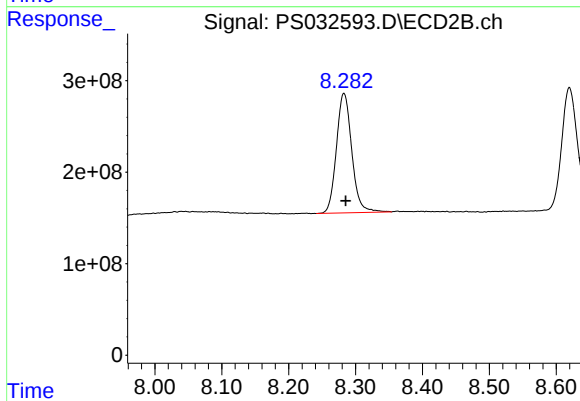
#7 MCPA

R.T.: 7.923 min
Delta R.T.: -0.003 min
Response: 544213192
Conc: 32.77 ug/ml



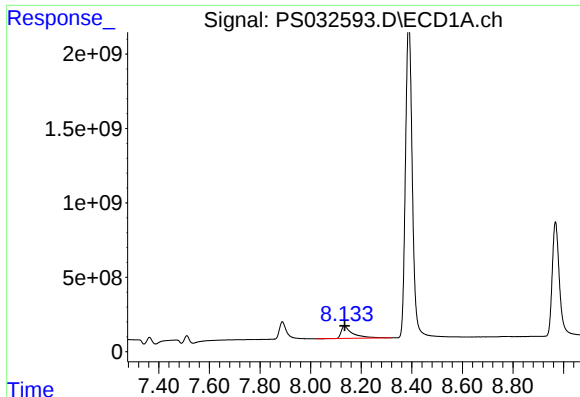
#8 DICHLORPROP

R.T.: 7.888 min
Delta R.T.: -0.001 min
Response: 2327800075
Conc: 431.90 ng/ml



#8 DICHLORPROP

R.T.: 8.283 min
Delta R.T.: -0.003 min
Response: 2084218883
Conc: 419.54 ng/ml



#9 2,4-D

R.T.: 8.134 min
Delta R.T.: -0.001 min
Response: 2599691069
Conc: 425.78 ng/ml

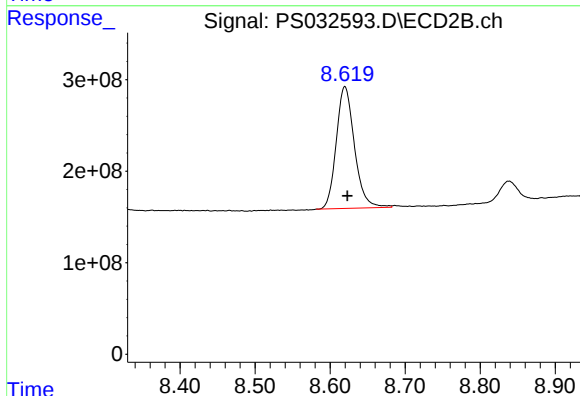
Instrument :

ECD_S

ClientSampleId :
PB170794BS

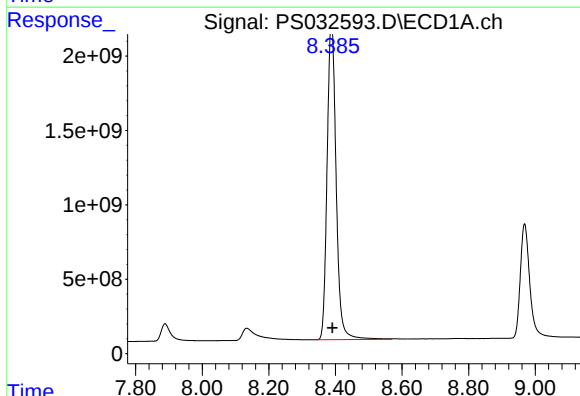
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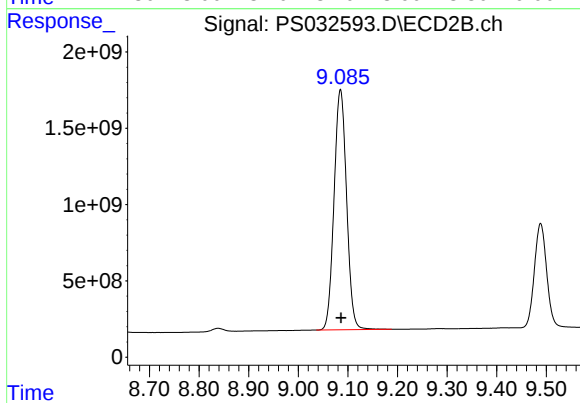
#9 2,4-D

R.T.: 8.620 min
Delta R.T.: -0.003 min
Response: 2244031710
Conc: 399.55 ng/ml



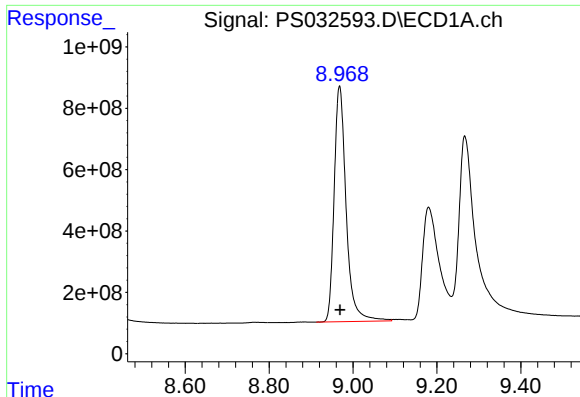
#10 Pentachlorophenol

R.T.: 8.388 min
Delta R.T.: -0.002 min
Response: 39745952928
Conc: 542.07 ng/ml



#10 Pentachlorophenol

R.T.: 9.085 min
Delta R.T.: -0.001 min
Response: 27584018832
Conc: 451.47 ng/ml



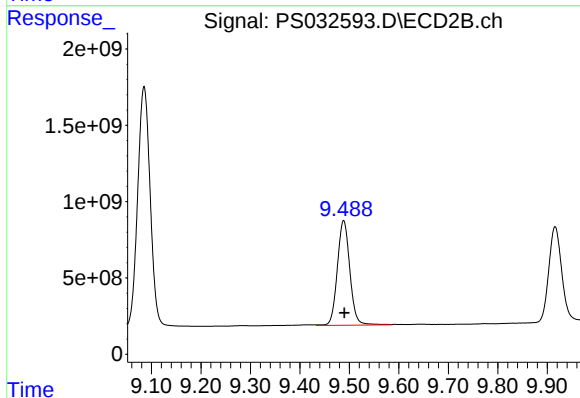
#11 2,4,5-TP (SILVEX)

R.T.: 8.968 min
Delta R.T.: 0.000 min
Response: 15238603066
Conc: 456.05 ng/ml

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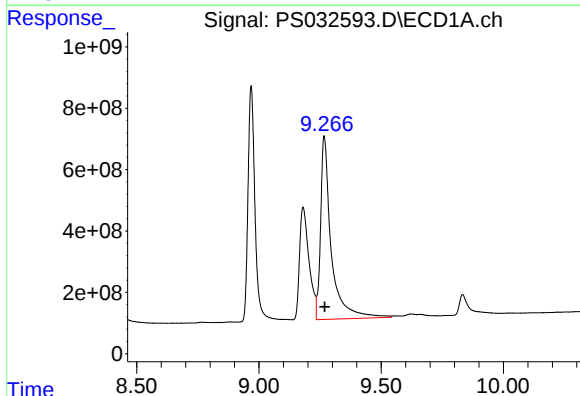
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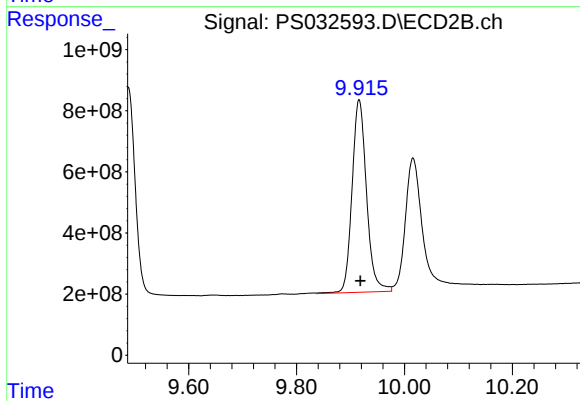
#11 2,4,5-TP (SILVEX)

R.T.: 9.488 min
Delta R.T.: -0.002 min
Response: 12073255200
Conc: 420.84 ng/ml



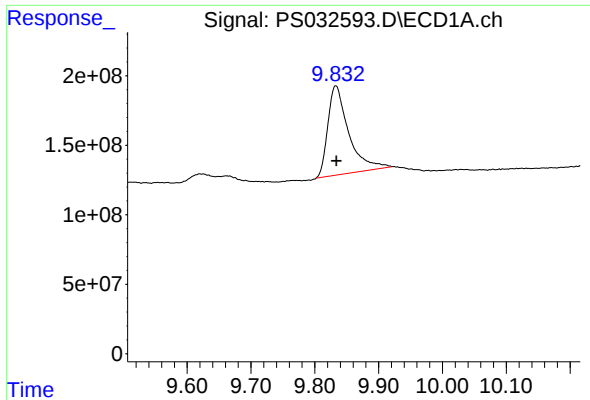
#12 2,4,5-T

R.T.: 9.267 min
Delta R.T.: -0.002 min
Response: 18169270203
Conc: 432.17 ng/ml



#12 2,4,5-T

R.T.: 9.916 min
Delta R.T.: -0.002 min
Response: 11737269273
Conc: 420.30 ng/ml



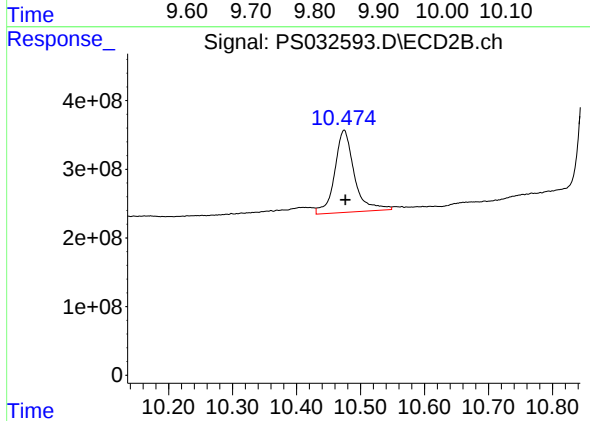
#13 2,4-DB

R.T.: 9.833 min
Delta R.T.: 0.000 min
Response: 1474738543
Conc: 472.81 ng/ml

Instrument :
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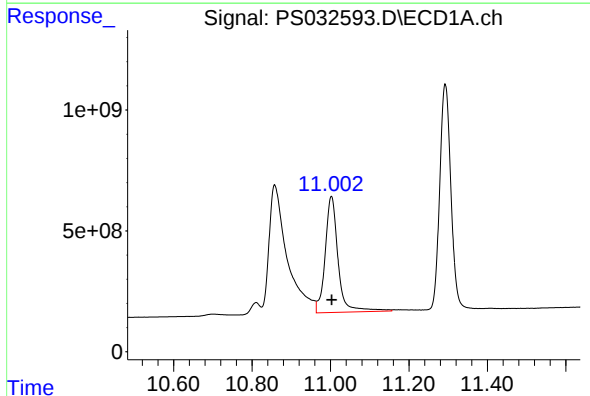
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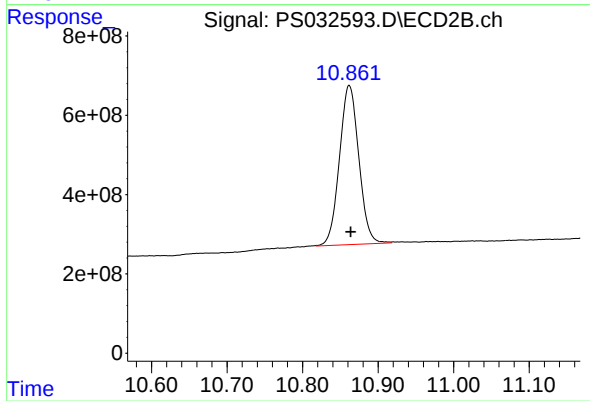
#13 2,4-DB

R.T.: 10.474 min
Delta R.T.: -0.002 min
Response: 2549932487
Conc: 625.97 ng/ml



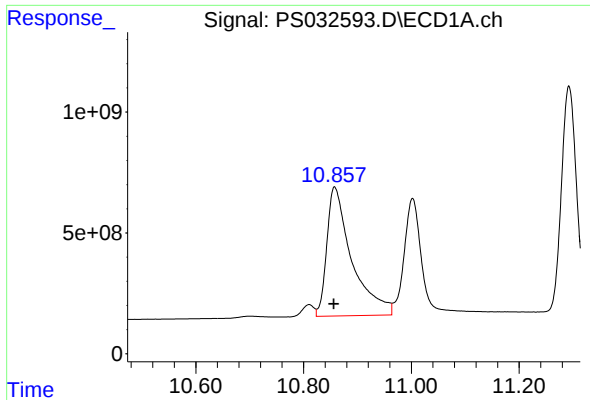
#14 DINOSEB

R.T.: 11.002 min
Delta R.T.: 0.000 min
Response: 10983924126
Conc: 398.31 ng/ml



#14 DINOSEB

R.T.: 10.861 min
Delta R.T.: -0.002 min
Response: 7143366437
Conc: 395.00 ng/ml m



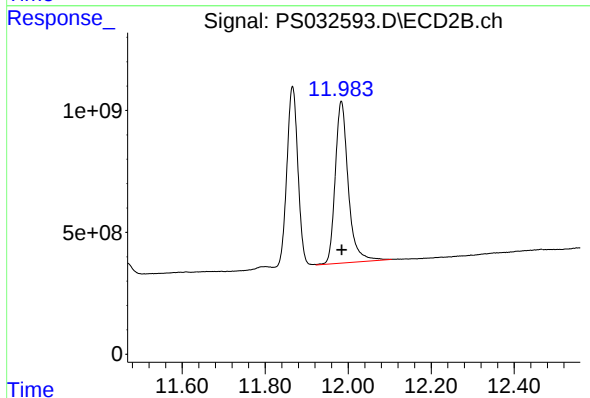
#15 Picloram

R.T.: 10.858 min
Delta R.T.: 0.002 min
Response: 17189380735
Conc: 436.89 ng/ml

Instrument :
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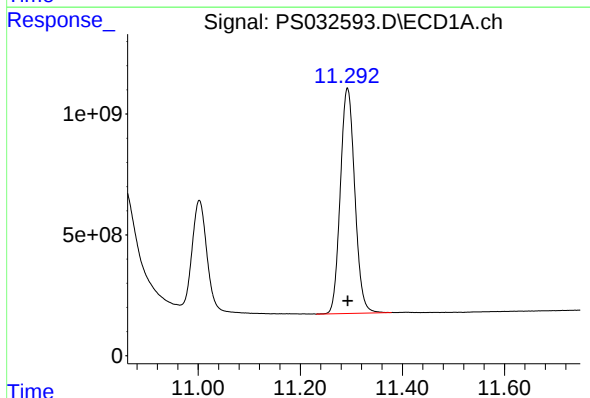
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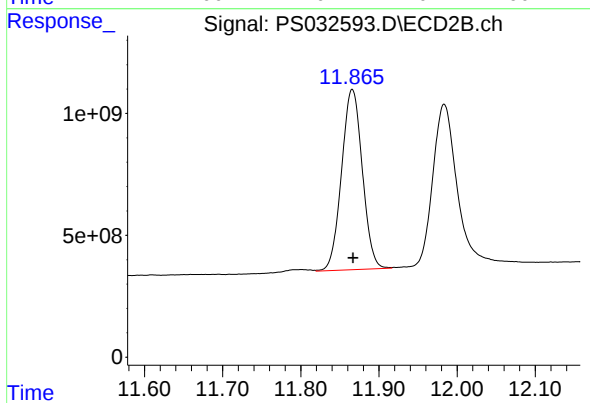
#15 Picloram

R.T.: 11.983 min
Delta R.T.: 0.000 min
Response: 14435514243
Conc: 401.03 ng/ml



#16 DCPA

R.T.: 11.292 min
Delta R.T.: 0.000 min
Response: 18314471898
Conc: 457.10 ng/ml



#16 DCPA

R.T.: 11.866 min
Delta R.T.: -0.001 min
Response: 13646958152
Conc: 401.12 ng/ml