

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080825\
 Data File : PS031398.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2025 11:19
 Operator : AR\AJ
 Sample : PB169160BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169160BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/11/2025
 Supervised By :mohammad ahmed 08/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 03:27:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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	7.293	7.747	1729.0E6	460.0E6	544.751	544.126
Target Compounds							
1) T	Dalapon	2.676	2.696	2358.6E6	1224.3E6	449.351	460.075
2) T	3,5-DICHL...	6.459	6.698	2381.8E6	695.3E6	504.789	514.309
3) T	4-Nitroph...	7.096	7.289	584.5E6	743.7E6	566.599m	591.733m
5) T	DICAMBA	7.479	7.946	7117.8E6	2881.2E6	509.636	507.010
6) T	MCPD	7.659	8.042	416.5E6	92184002	51.771	52.145
7) T	MCPA	7.807	8.290	513.7E6	142.4E6	51.570	50.770
8) T	DICHLORPROP	8.188	8.665	1632.4E6	678.8E6	514.566	508.488
9) T	2,4-D	8.422	9.004	1530.6E6	731.2E6	532.035	512.321
10) T	Pentachlo...	8.719	9.516	26309.6E6	18408.8E6	547.974	528.556
11) T	2,4,5-TP ...	9.299	9.901	9674.7E6	6845.1E6	539.770	521.886
12) T	2,4,5-T	9.593	10.329	8276.1E6	6192.3E6	564.873	523.005
13) T	2,4-DB	10.168	10.898	1120.2E6	496.8E6	582.890	514.875
14) T	DINOSEB	11.371	11.277	6691.1E6	4692.6E6	527.751	496.210
15) T	Picloram	11.194	12.393	7696.4E6	9344.2E6	589.577	533.050
16) T	DCPA	11.671	12.318	12601.1E6	10546.8E6	553.181	535.359

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

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Operator : AR\AJ
Sample : PB169160BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

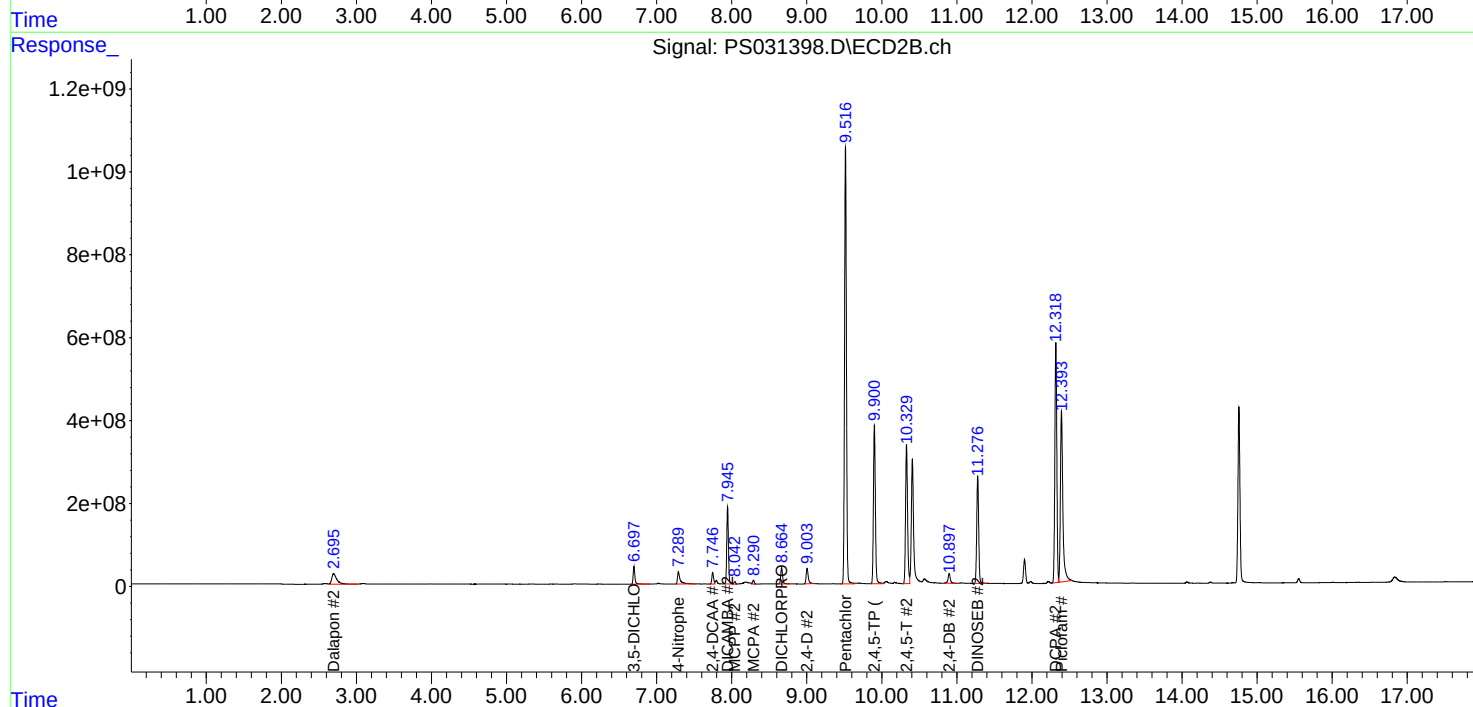
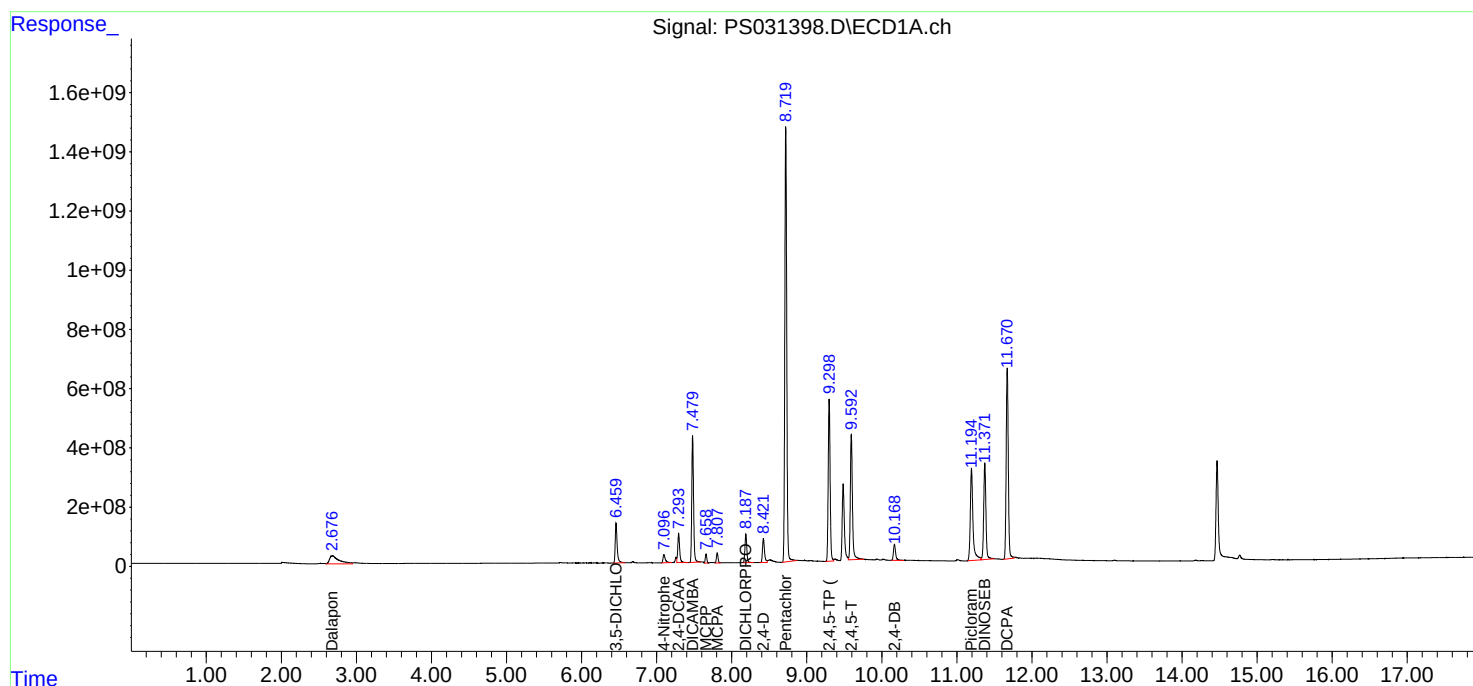
Instrument :
ECD_S
ClientSampleId :
PB169160BSD

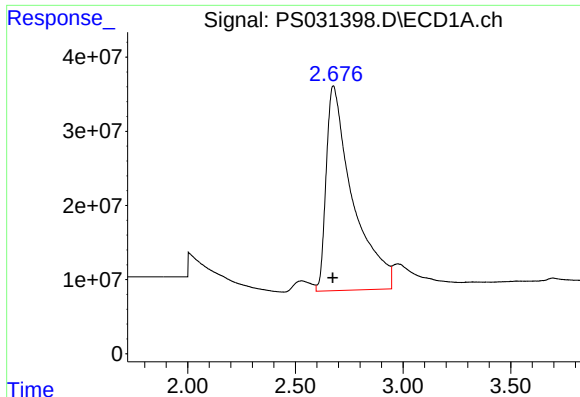
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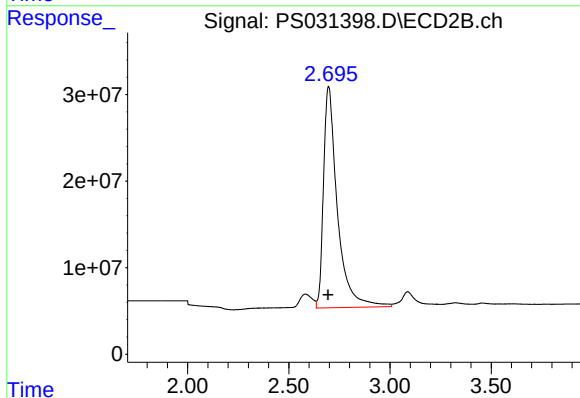
#1 Dalapon

R.T.: 2.676 min
Delta R.T.: 0.002 min
Response: 2358615886
Conc: 449.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169160BSD

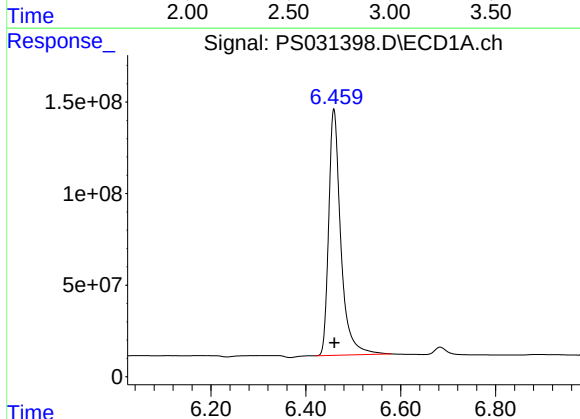
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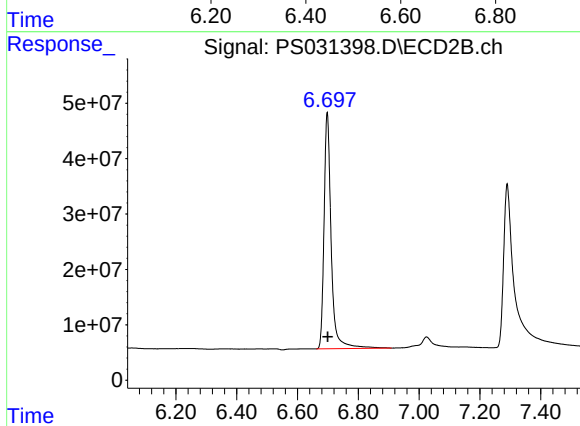
#1 Dalapon

R.T.: 2.696 min
Delta R.T.: 0.002 min
Response: 1224266105
Conc: 460.08 ng/ml



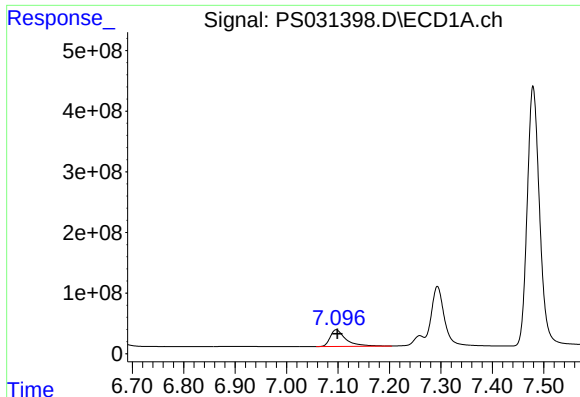
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.459 min
Delta R.T.: -0.001 min
Response: 2381755422
Conc: 504.79 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.698 min
Delta R.T.: -0.001 min
Response: 695309401
Conc: 514.31 ng/ml



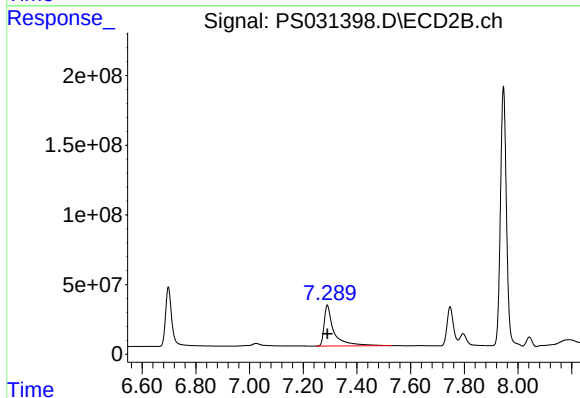
#3 4-Nitrophenol

R.T.: 7.096 min
Delta R.T.: -0.002 min
Response: 584548633
Conc: 566.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169160BSD

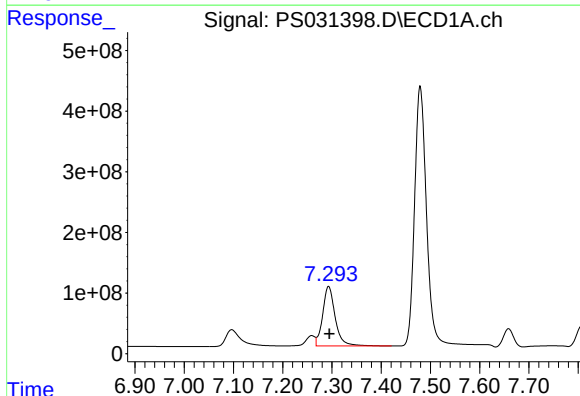
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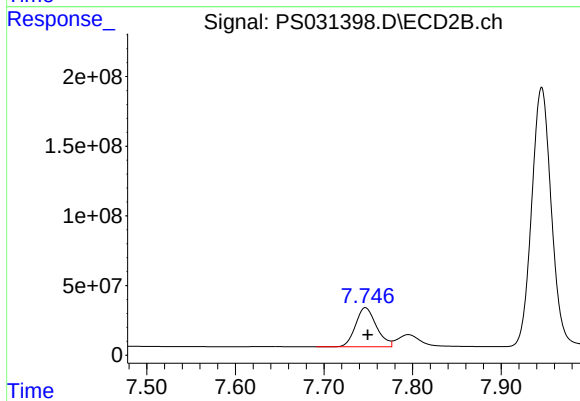
#3 4-Nitrophenol

R.T.: 7.289 min
Delta R.T.: -0.002 min
Response: 743743009
Conc: 591.73 ng/ml m



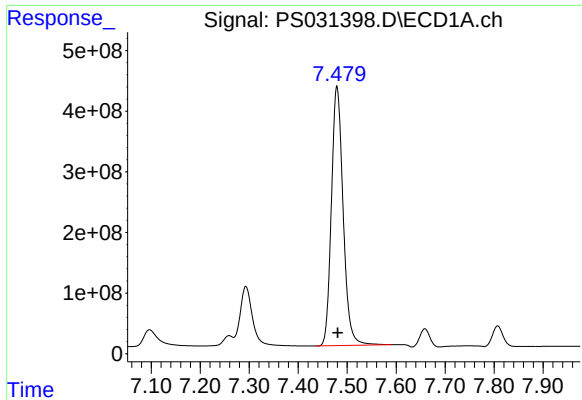
#4 2,4-DCAA

R.T.: 7.293 min
Delta R.T.: -0.002 min
Response: 1729033313
Conc: 544.75 ng/ml



#4 2,4-DCAA

R.T.: 7.747 min
Delta R.T.: -0.002 min
Response: 459971683
Conc: 544.13 ng/ml



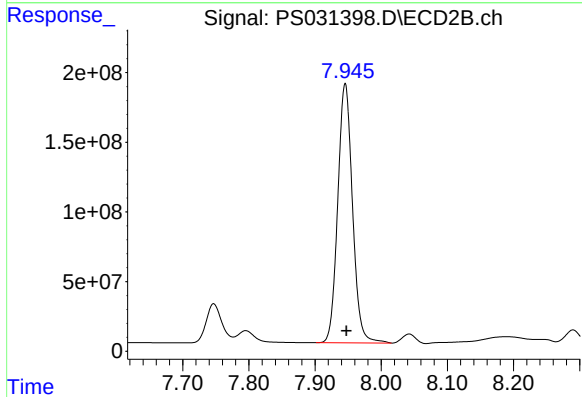
#5 DICAMBA

R.T.: 7.479 min
Delta R.T.: -0.002 min
Response: 7117818900
Conc: 509.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169160BSD

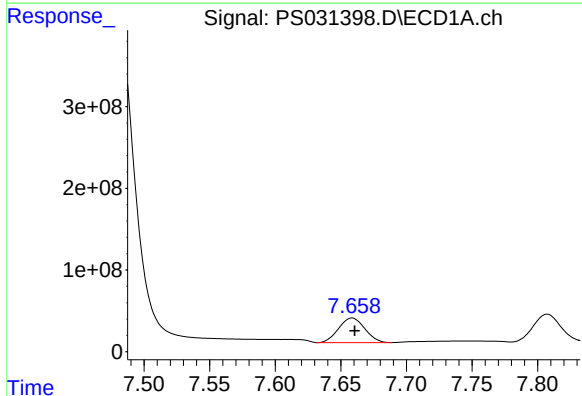
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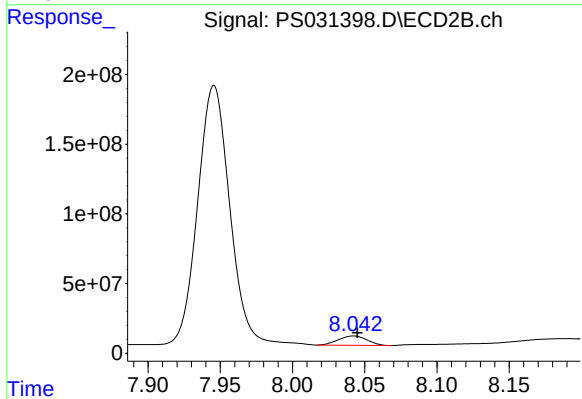
#5 DICAMBA

R.T.: 7.946 min
Delta R.T.: -0.002 min
Response: 2881179501
Conc: 507.01 ng/ml



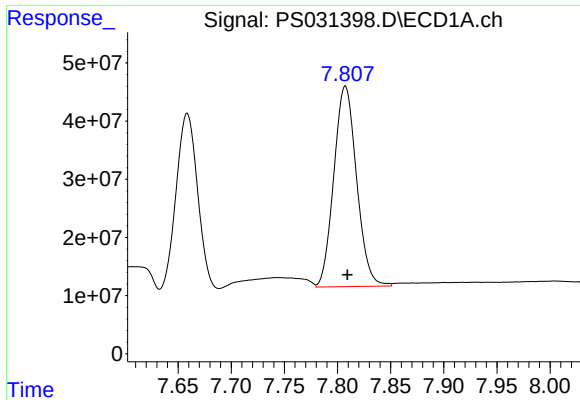
#6 MCP

R.T.: 7.659 min
Delta R.T.: -0.002 min
Response: 416491083
Conc: 51.77 ug/ml



#6 MCP

R.T.: 8.042 min
Delta R.T.: -0.003 min
Response: 92184002
Conc: 52.15 ug/ml



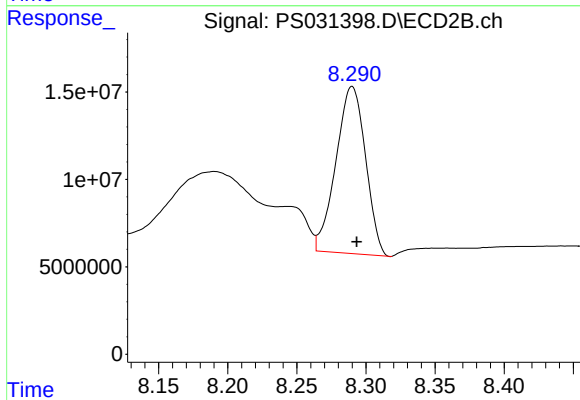
#7 MCPA

R.T.: 7.807 min
Delta R.T.: -0.002 min
Response: 513701414
Conc: 51.57 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB169160BSD

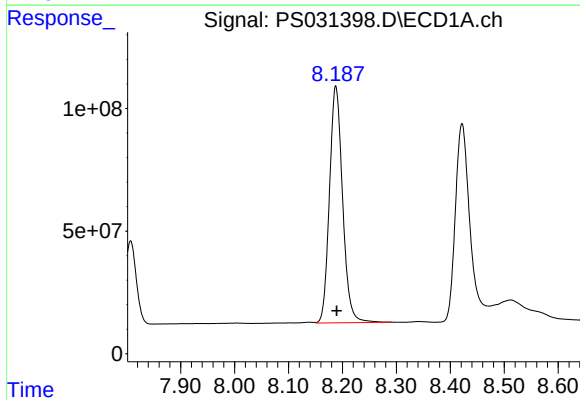
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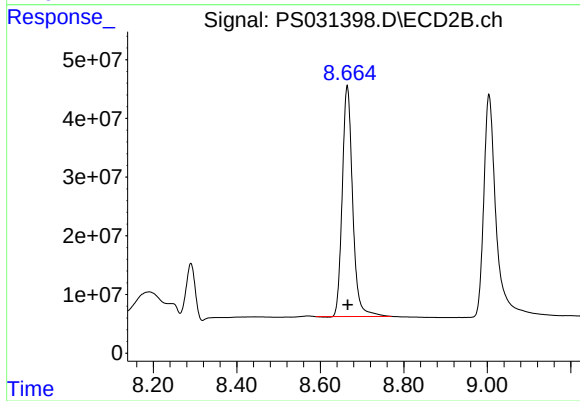
#7 MCPA

R.T.: 8.290 min
Delta R.T.: -0.003 min
Response: 142435748
Conc: 50.77 ug/ml



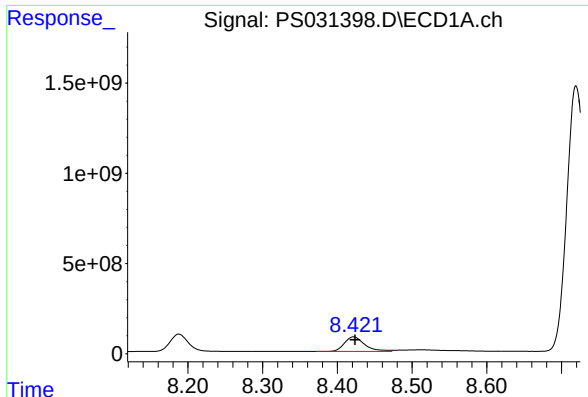
#8 DICHLORPROP

R.T.: 8.188 min
Delta R.T.: -0.002 min
Response: 1632423271
Conc: 514.57 ng/ml



#8 DICHLORPROP

R.T.: 8.665 min
Delta R.T.: -0.001 min
Response: 678847944
Conc: 508.49 ng/ml



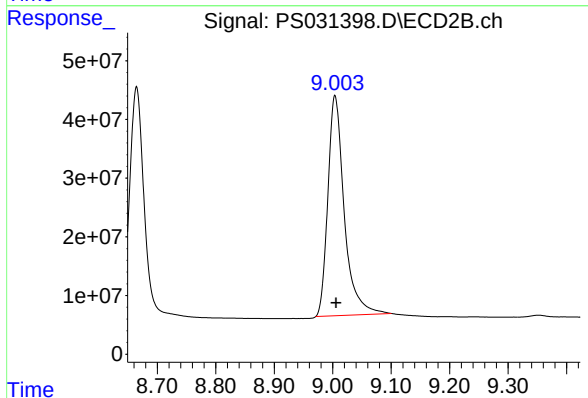
#9 2,4-D

R.T.: 8.422 min
Delta R.T.: -0.002 min
Response: 1530567593
Conc: 532.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169160BSD

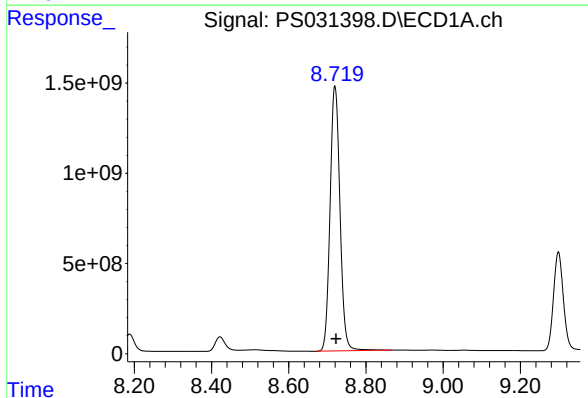
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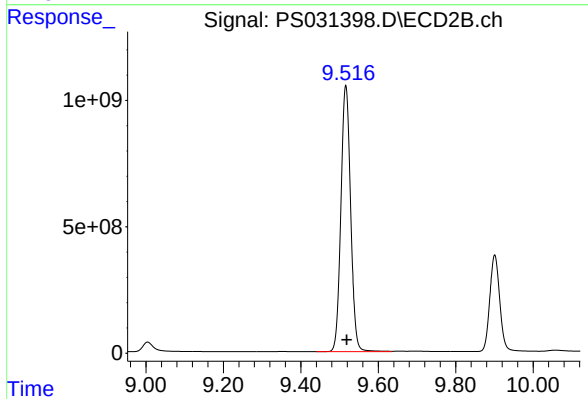
#9 2,4-D

R.T.: 9.004 min
Delta R.T.: -0.002 min
Response: 731228826
Conc: 512.32 ng/ml



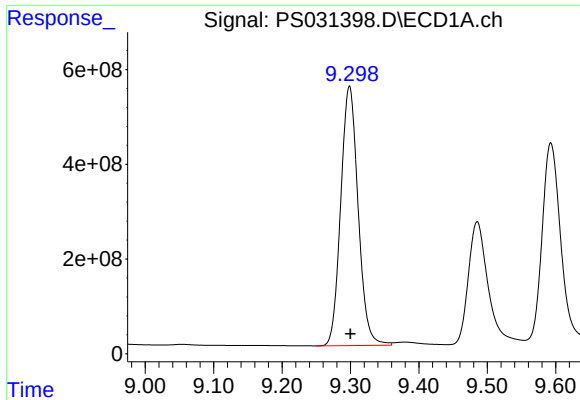
#10 Pentachlorophenol

R.T.: 8.719 min
Delta R.T.: -0.003 min
Response: 26309560252
Conc: 547.97 ng/ml



#10 Pentachlorophenol

R.T.: 9.516 min
Delta R.T.: -0.002 min
Response: 18408787164
Conc: 528.56 ng/ml



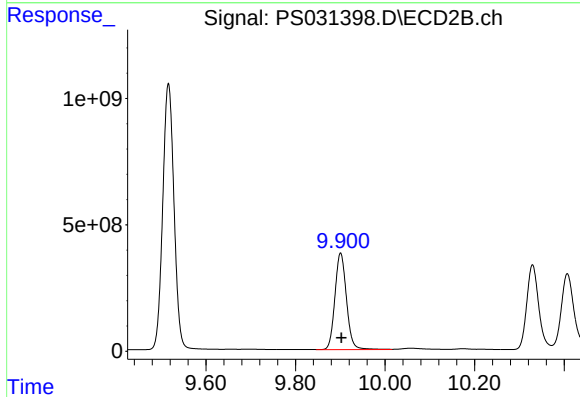
#11 2,4,5-TP (SILVEX)

R.T.: 9.299 min
Delta R.T.: -0.002 min
Response: 9674689692
Conc: 539.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169160BSD

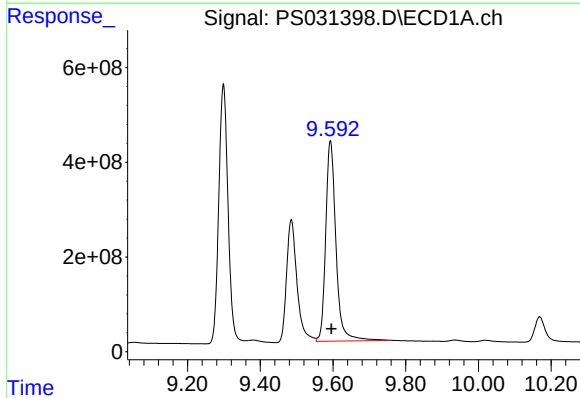
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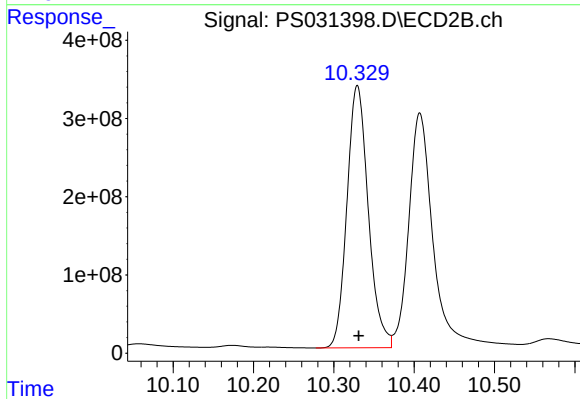
#11 2,4,5-TP (SILVEX)

R.T.: 9.901 min
Delta R.T.: -0.002 min
Response: 6845068776
Conc: 521.89 ng/ml



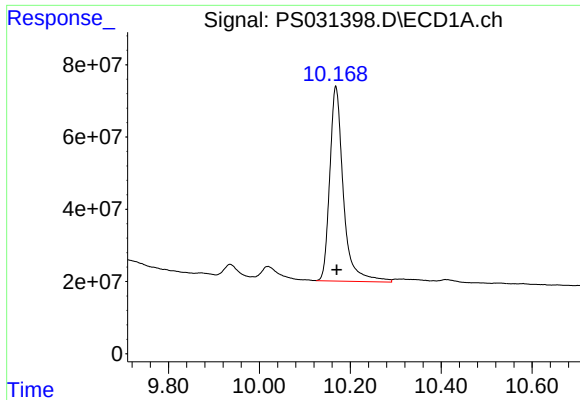
#12 2,4,5-T

R.T.: 9.593 min
Delta R.T.: -0.003 min
Response: 8276084962
Conc: 564.87 ng/ml



#12 2,4,5-T

R.T.: 10.329 min
Delta R.T.: -0.002 min
Response: 6192251744
Conc: 523.00 ng/ml



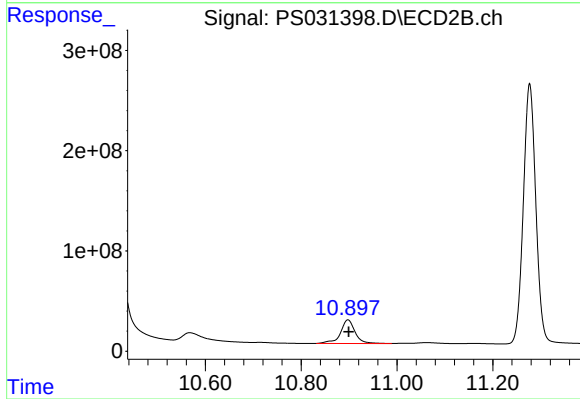
#13 2,4-DB

R.T.: 10.168 min
Delta R.T.: -0.002 min
Response: 1120151332
Conc: 582.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169160BSD

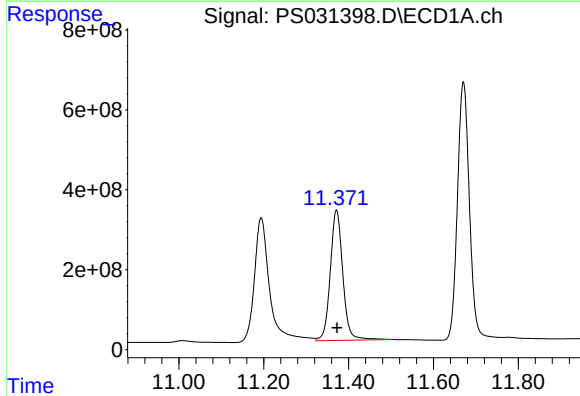
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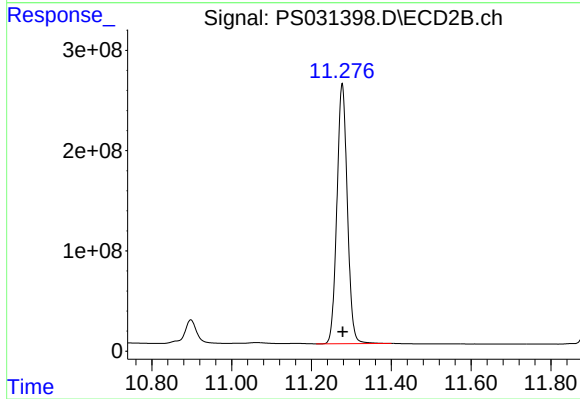
#13 2,4-DB

R.T.: 10.898 min
Delta R.T.: -0.002 min
Response: 496775540
Conc: 514.88 ng/ml



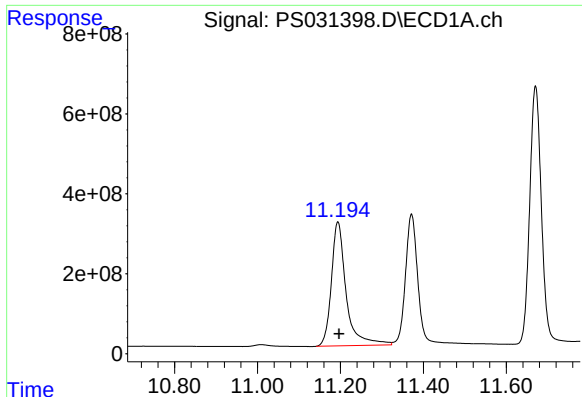
#14 DINOSEB

R.T.: 11.371 min
Delta R.T.: -0.002 min
Response: 6691073061
Conc: 527.75 ng/ml



#14 DINOSEB

R.T.: 11.277 min
Delta R.T.: -0.001 min
Response: 4692630651
Conc: 496.21 ng/ml



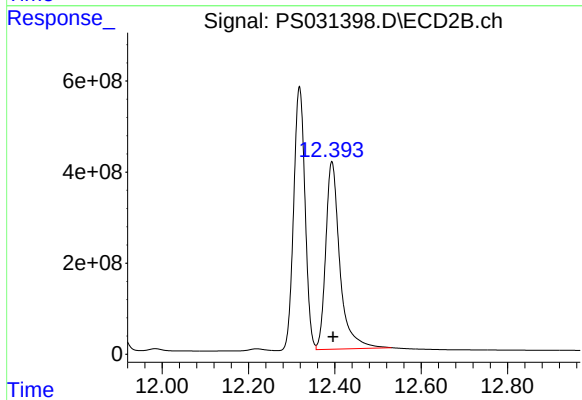
#15 Picloram

R.T.: 11.194 min
Delta R.T.: -0.003 min
Response: 7696424452
Conc: 589.58 ng/ml

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PB169160BSD

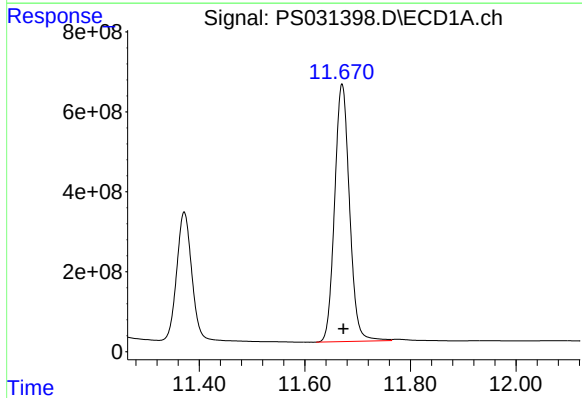
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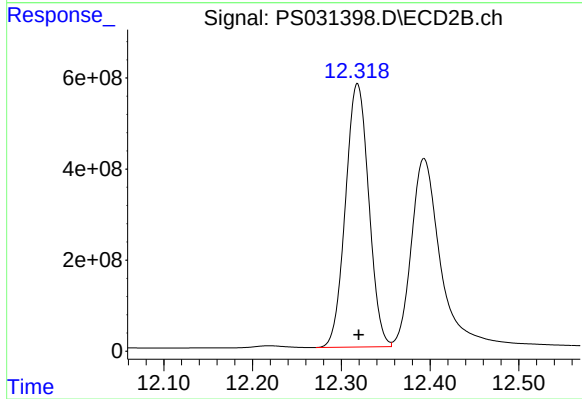
#15 Picloram

R.T.: 12.393 min
Delta R.T.: -0.002 min
Response: 9344222021
Conc: 533.05 ng/ml



#16 DCPA

R.T.: 11.671 min
Delta R.T.: -0.002 min
Response: 12601088184
Conc: 553.18 ng/ml



#16 DCPA

R.T.: 12.318 min
Delta R.T.: -0.002 min
Response: 10546784960
Conc: 535.36 ng/ml