

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080825\
 Data File : PS031397.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2025 10:55
 Operator : AR\AJ
 Sample : PB169160BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169160BS

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 03:26:50 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	1721.9E6	461.6E6	542.489	546.045
Target Compounds							
1) T	Dalapon	2.676	2.696	2298.5E6	1204.1E6	437.897	452.508
2) T	3,5-DICHL...	6.459	6.697	2369.1E6	683.9E6	502.102	505.889
3) T	4-Nitroph...	7.095	7.288	584.0E6	707.4E6	566.108m	562.794m
5) T	DICAMBA	7.480	7.946	7021.4E6	2879.1E6	502.736	506.639
6) T	MCPD	7.659	8.042	413.1E6	89988565	51.356	50.903
7) T	MCPA	7.808	8.290	514.1E6	136.7E6	51.607	48.720
8) T	DICHLORPROP	8.188	8.664	1625.4E6	658.5E6	512.344	493.275
9) T	2,4-D	8.421	9.003	1518.0E6	709.0E6	527.660	496.746
10) T	Pentachlo...	8.720	9.517	26057.0E6	18483.9E6	542.714	530.713
11) T	2,4,5-TP ...	9.298	9.901	9599.8E6	6835.7E6	535.594	521.172
12) T	2,4,5-T	9.593	10.329	8220.8E6	6232.1E6	561.096	526.370
13) T	2,4-DB	10.169	10.896	1120.6E6	504.0E6	583.147	522.326
14) T	DINOSEB	11.371	11.276	6612.5E6	4669.9E6	521.552	493.805
15) T	Picloram	11.193	12.392	7526.0E6	9419.9E6	576.525	537.369
16) T	DCPA	11.671	12.318	12749.3E6	11917.5E6	559.689	604.939

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

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Acq On : 08 Aug 2025 10:55
Operator : AR\AJ
Sample : PB169160BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

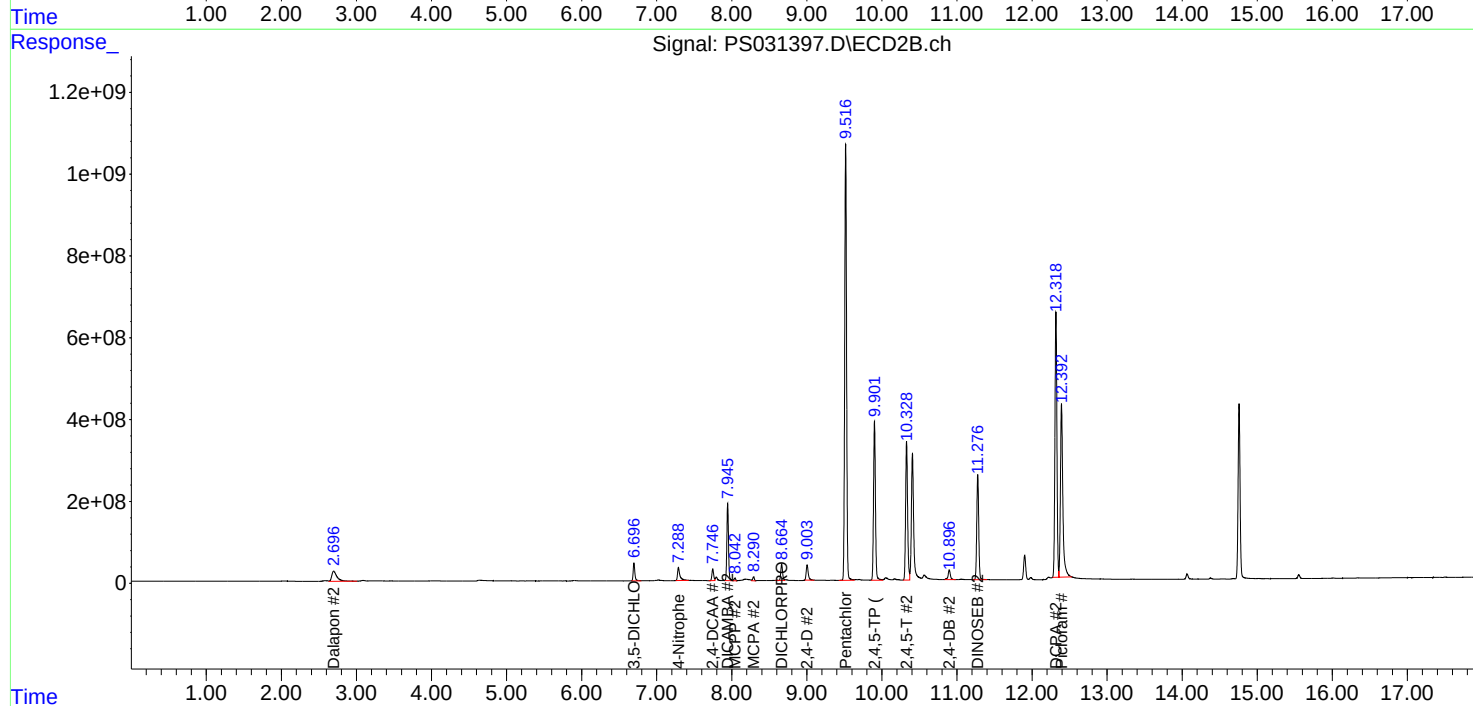
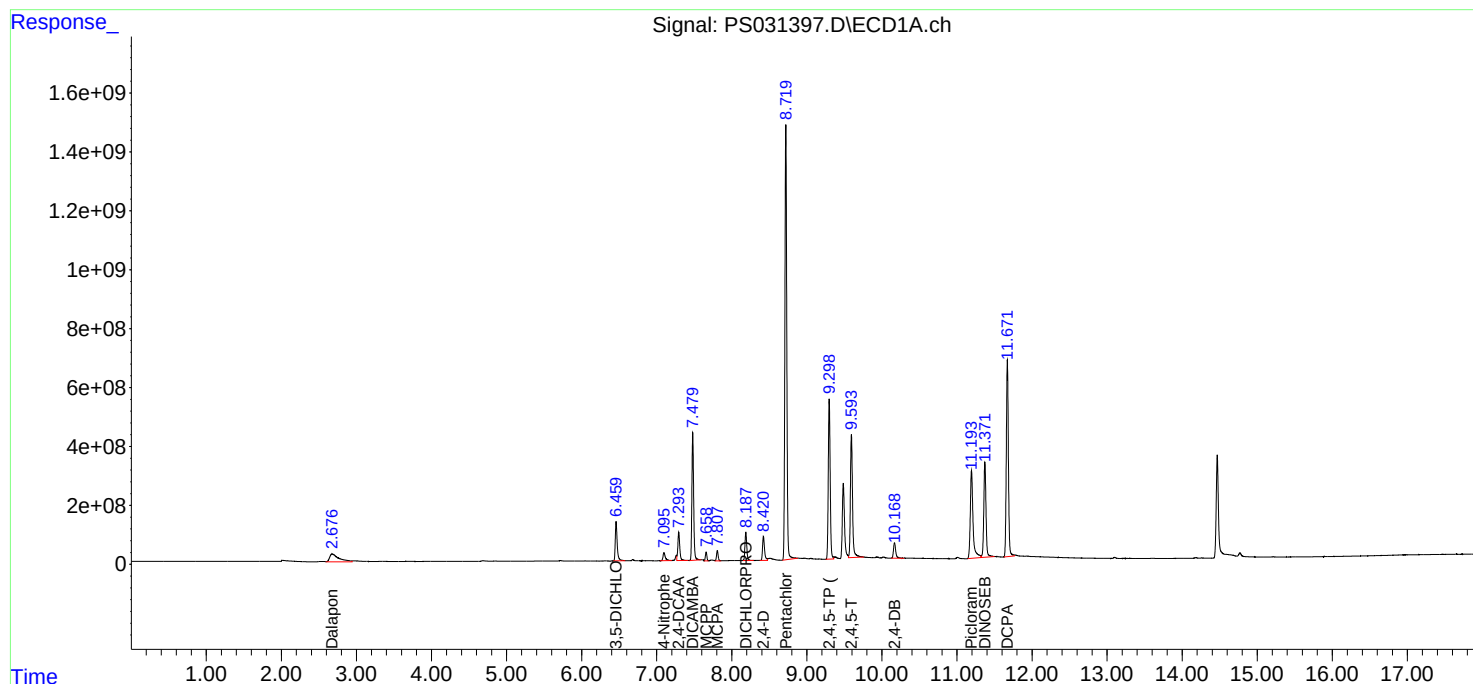
Instrument :
ECD_S
ClientSampleId :
PB169160BS

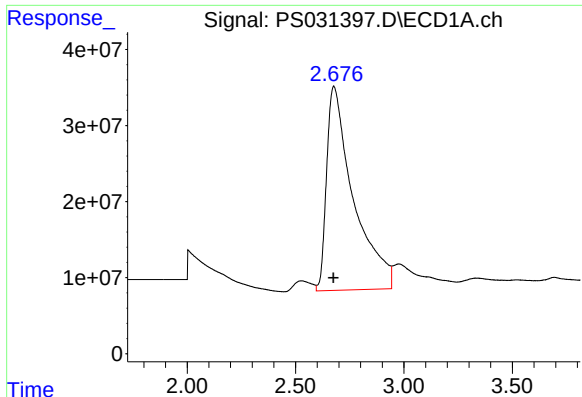
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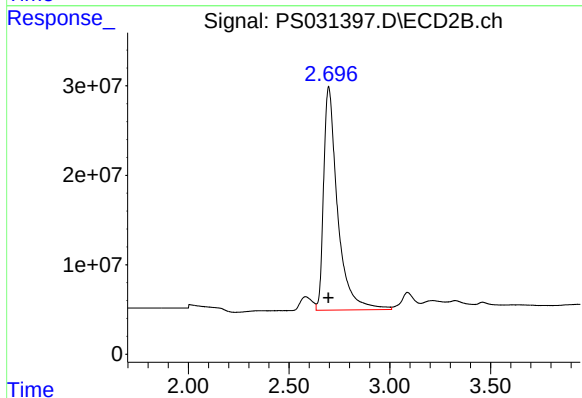
#1 Dalapon

R.T.: 2.676 min
Delta R.T.: 0.002 min
Response: 2298494939
Conc: 437.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169160BS

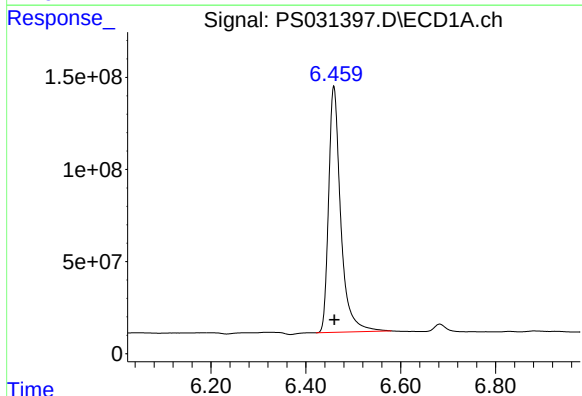
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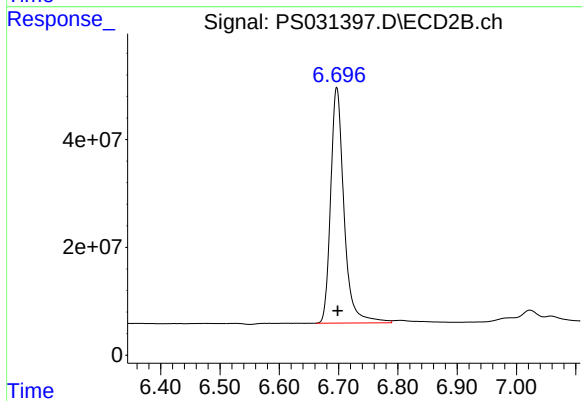
#1 Dalapon

R.T.: 2.696 min
Delta R.T.: 0.001 min
Response: 1204129741
Conc: 452.51 ng/ml



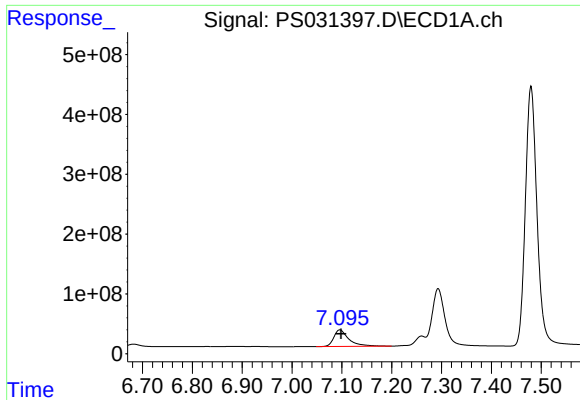
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.459 min
Delta R.T.: -0.002 min
Response: 2369075189
Conc: 502.10 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.697 min
Delta R.T.: -0.002 min
Response: 683926425
Conc: 505.89 ng/ml



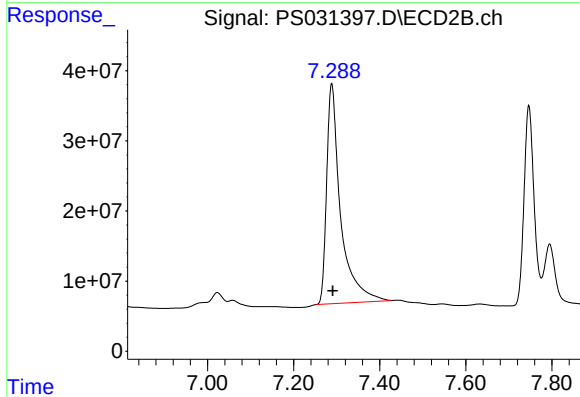
#3 4-Nitrophenol

R.T.: 7.095 min
Delta R.T.: -0.003 min
Response: 584041655
Conc: 566.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169160BS

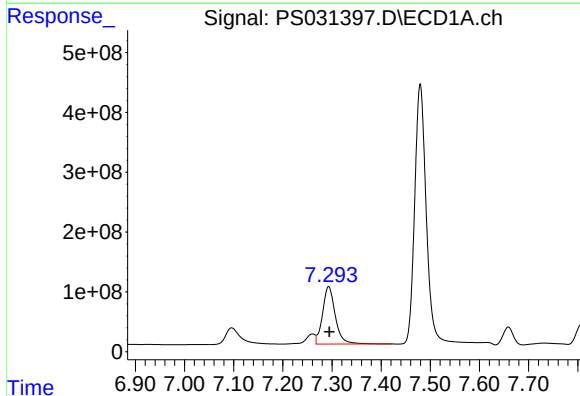
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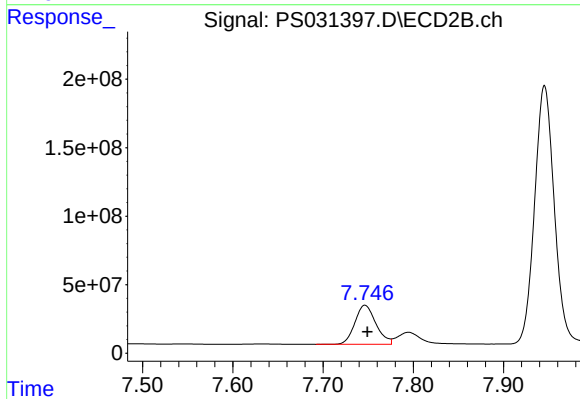
#3 4-Nitrophenol

R.T.: 7.288 min
Delta R.T.: -0.003 min
Response: 707370149
Conc: 562.79 ng/ml m



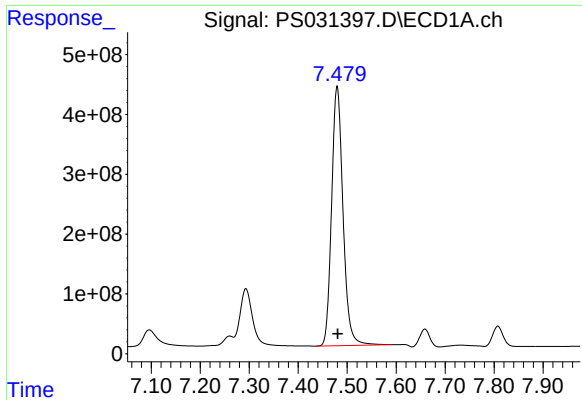
#4 2,4-DCAA

R.T.: 7.293 min
Delta R.T.: -0.002 min
Response: 1721854303
Conc: 542.49 ng/ml



#4 2,4-DCAA

R.T.: 7.747 min
Delta R.T.: -0.003 min
Response: 461593776
Conc: 546.05 ng/ml



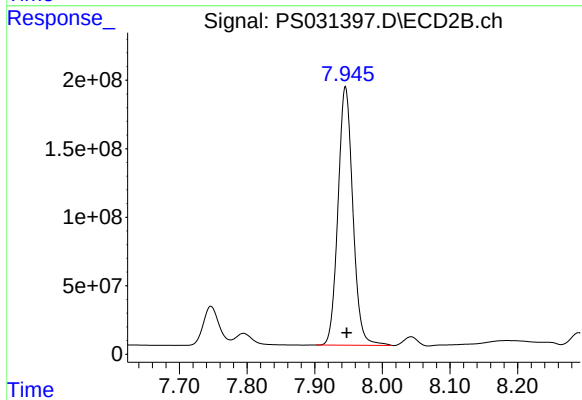
#5 DICAMBA

R.T.: 7.480 min
Delta R.T.: -0.001 min
Response: 7021439757
Conc: 502.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169160BS

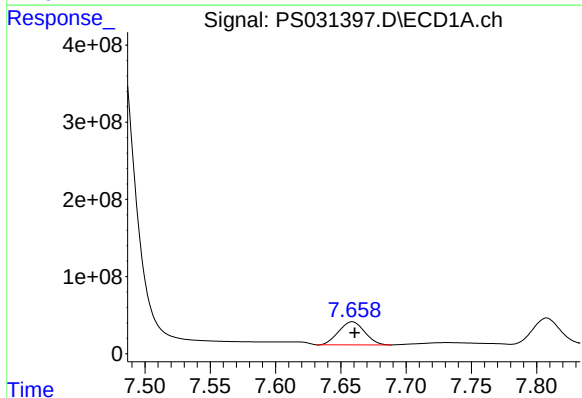
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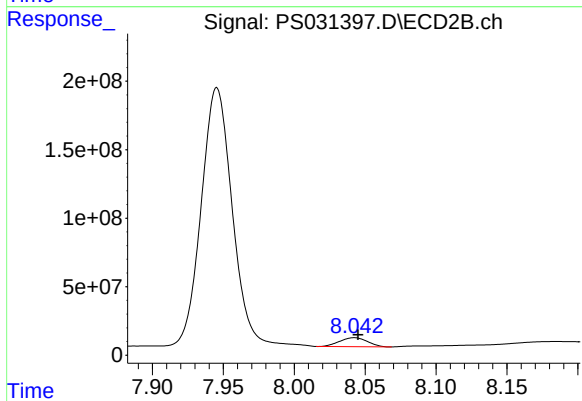
#5 DICAMBA

R.T.: 7.946 min
Delta R.T.: -0.002 min
Response: 2879073344
Conc: 506.64 ng/ml



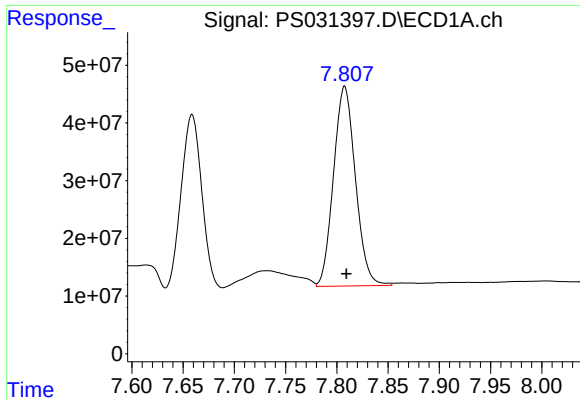
#6 MCP

R.T.: 7.659 min
Delta R.T.: -0.002 min
Response: 413149149
Conc: 51.36 ug/ml



#6 MCP

R.T.: 8.042 min
Delta R.T.: -0.003 min
Response: 89988565
Conc: 50.90 ug/ml



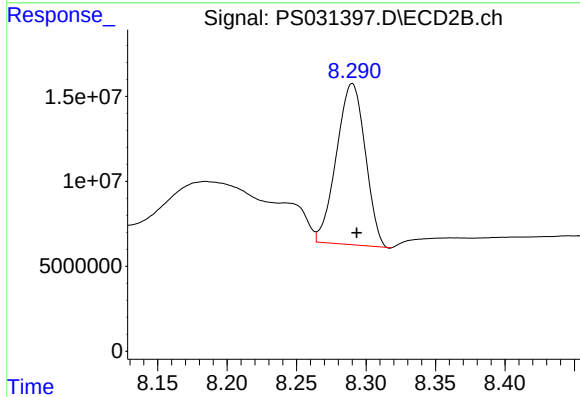
#7 MCPA

R.T.: 7.808 min
Delta R.T.: -0.002 min
Response: 514070272
Conc: 51.61 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB169160BS

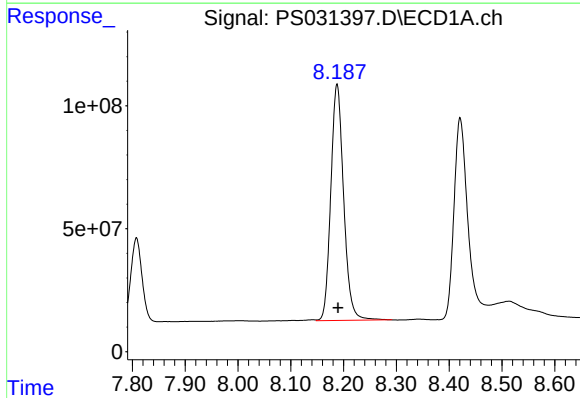
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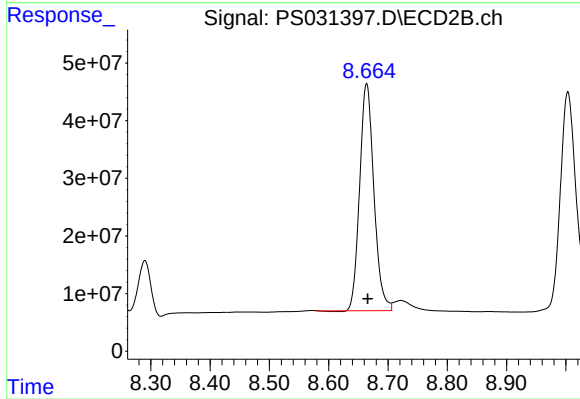
#7 MCPA

R.T.: 8.290 min
Delta R.T.: -0.003 min
Response: 136682861
Conc: 48.72 ug/ml



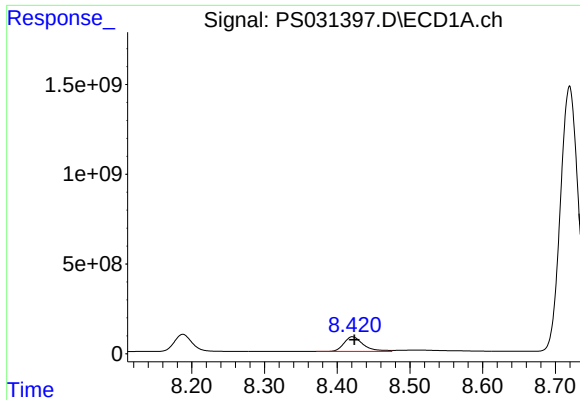
#8 DICHLORPROP

R.T.: 8.188 min
Delta R.T.: -0.002 min
Response: 1625373870
Conc: 512.34 ng/ml



#8 DICHLORPROP

R.T.: 8.664 min
Delta R.T.: -0.002 min
Response: 658538479
Conc: 493.28 ng/ml



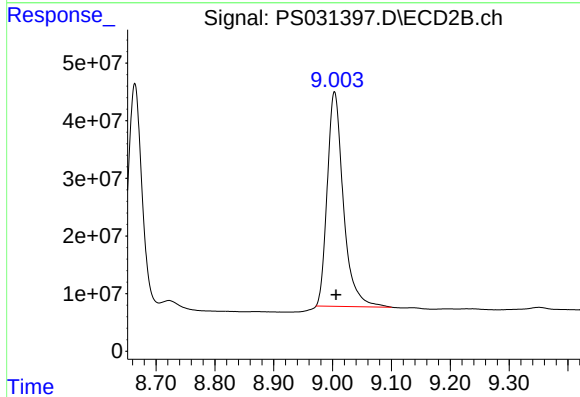
#9 2,4-D

R.T.: 8.421 min
Delta R.T.: -0.003 min
Response: 1517979997
Conc: 527.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169160BS

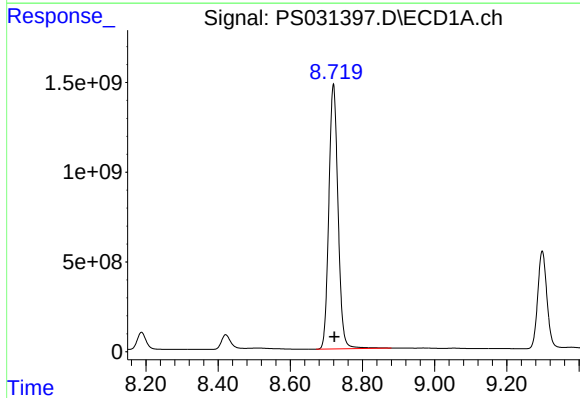
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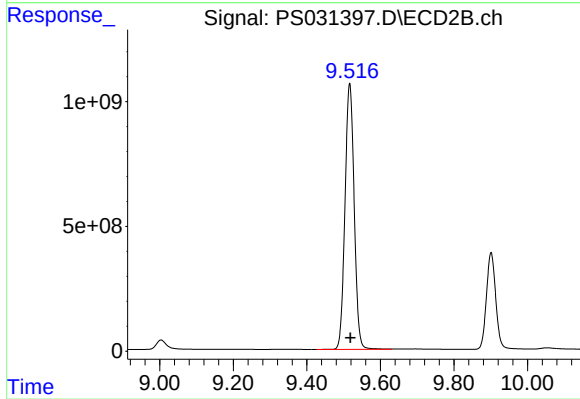
#9 2,4-D

R.T.: 9.003 min
Delta R.T.: -0.002 min
Response: 708999092
Conc: 496.75 ng/ml



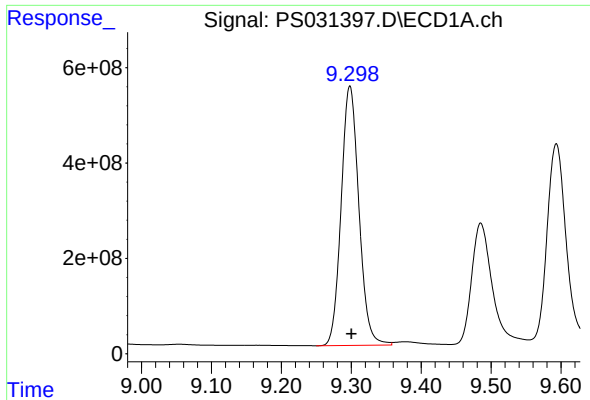
#10 Pentachlorophenol

R.T.: 8.720 min
Delta R.T.: -0.003 min
Response: 26056995339
Conc: 542.71 ng/ml



#10 Pentachlorophenol

R.T.: 9.517 min
Delta R.T.: -0.002 min
Response: 18483893828
Conc: 530.71 ng/ml



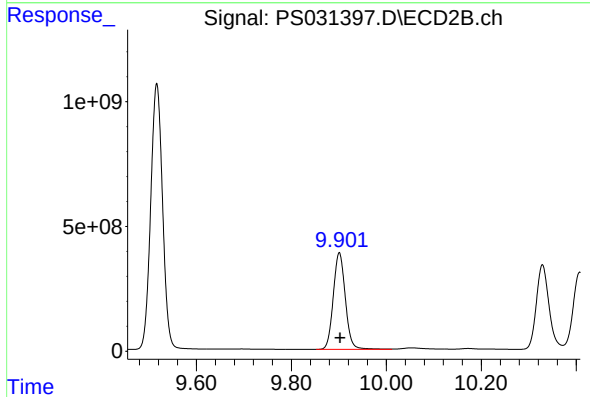
#11 2,4,5-TP (SILVEX)

R.T.: 9.298 min
Delta R.T.: -0.002 min
Response: 9599828336
Conc: 535.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169160BS

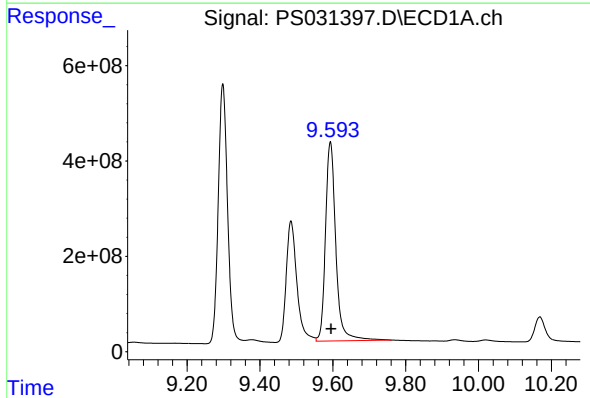
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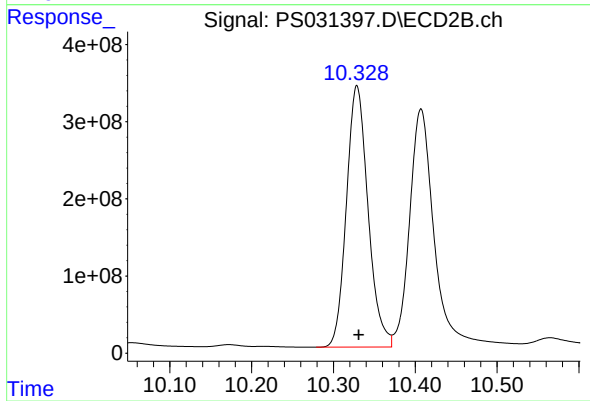
#11 2,4,5-TP (SILVEX)

R.T.: 9.901 min
Delta R.T.: -0.002 min
Response: 6835704268
Conc: 521.17 ng/ml



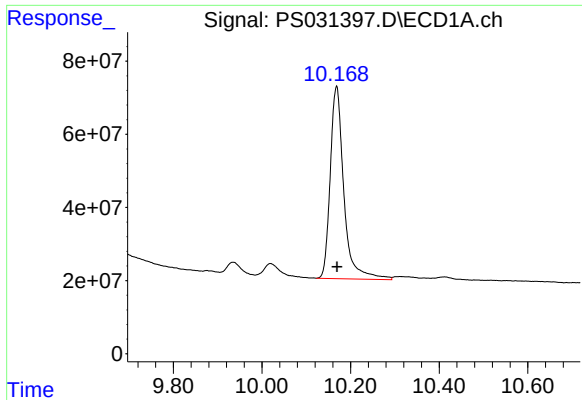
#12 2,4,5-T

R.T.: 9.593 min
Delta R.T.: -0.002 min
Response: 8220752940
Conc: 561.10 ng/ml



#12 2,4,5-T

R.T.: 10.329 min
Delta R.T.: -0.002 min
Response: 6232091807
Conc: 526.37 ng/ml



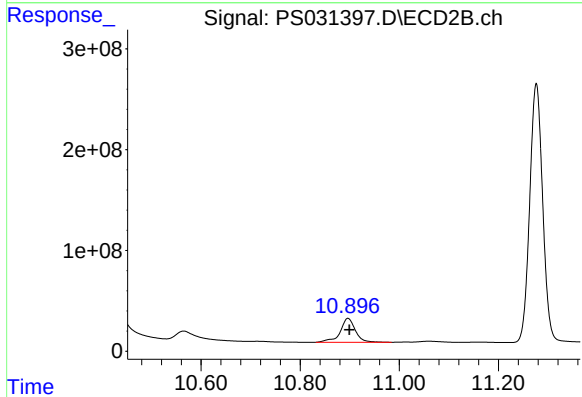
#13 2,4-DB

R.T.: 10.169 min
Delta R.T.: -0.002 min
Response: 1120645471
Conc: 583.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169160BS

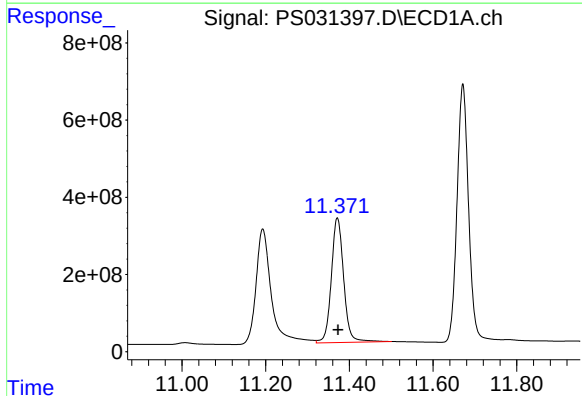
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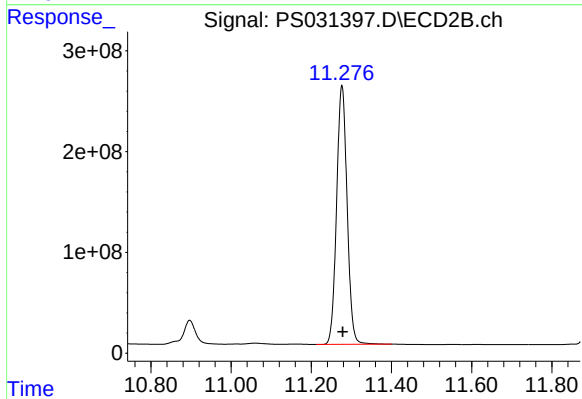
#13 2,4-DB

R.T.: 10.896 min
Delta R.T.: -0.003 min
Response: 503964228
Conc: 522.33 ng/ml



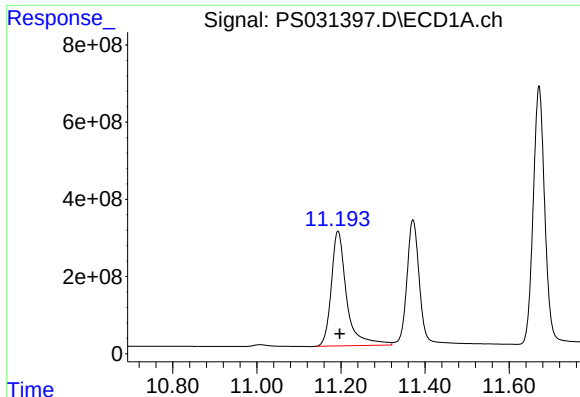
#14 DINOSEB

R.T.: 11.371 min
Delta R.T.: -0.002 min
Response: 6612485620
Conc: 521.55 ng/ml



#14 DINOSEB

R.T.: 11.276 min
Delta R.T.: -0.002 min
Response: 4669886903
Conc: 493.80 ng/ml



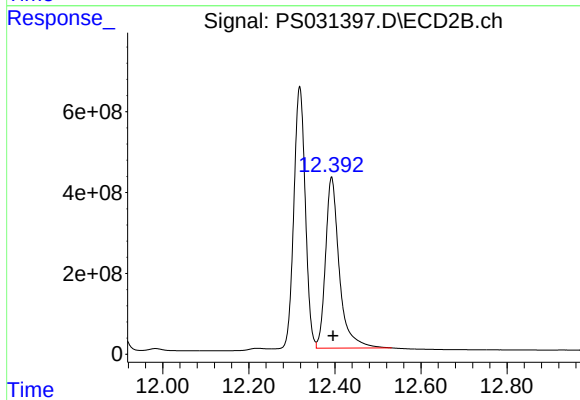
#15 Picloram

R.T.: 11.193 min
Delta R.T.: -0.004 min
Response: 7526042016
Conc: 576.52 ng/ml

Instrument :
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PB169160BS

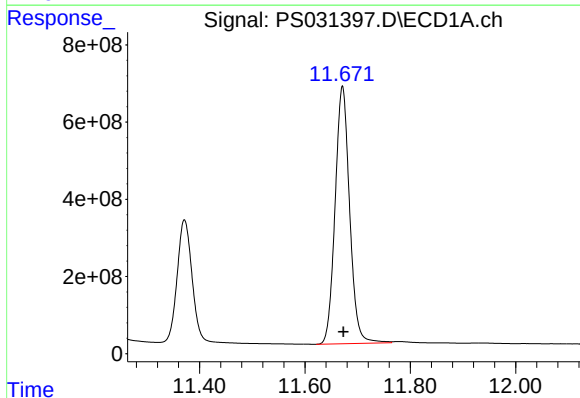
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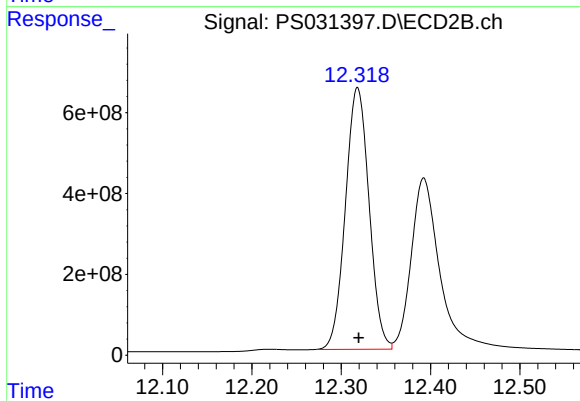
#15 Picloram

R.T.: 12.392 min
Delta R.T.: -0.003 min
Response: 9419932873
Conc: 537.37 ng/ml



#16 DCPA

R.T.: 11.671 min
Delta R.T.: -0.002 min
Response: 12749334444
Conc: 559.69 ng/ml



#16 DCPA

R.T.: 12.318 min
Delta R.T.: -0.002 min
Response: 11917547762
Conc: 604.94 ng/ml