

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080125\
 Data File : PS031347.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 17:53
 Operator : AR\AJ
 Sample : Q2728-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 7211931-VNJ240MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/04/2025
 Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 23:34:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 18:38:25 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	7.302	7.756	389.2E6	119.5E6	133.577m	143.059
Target Compounds							
1) T	Dalapon	2.676	2.697	391.7E6	661.9E6	81.193m	269.501m#
2) T	3,5-DICHL...	6.467	6.706	532.5E6	138.8E6	124.904m	107.425
3) T	4-Nitroph...	7.106	7.303	80787467	118.0E6	79.343	91.433
5) T	DICAMBA	7.489	7.954	1956.6E6	754.0E6	151.433m	139.089m
6) T	MCPD	7.667	8.055	44975800	20374047	5.592m	11.919m#
7) T	MCPA	7.817	8.296	116.2E6	28864582	11.883	11.128
8) T	DICHLORPROP	8.199	8.674	382.2E6	144.0E6	125.737	110.771
9) T	2,4-D	8.433	9.015	494.1E6	228.0E6	190.512	163.406
10) T	Pentachlo...	8.730	9.527	3349.4E6	2139.0E6	73.648m	63.858
11) T	2,4,5-TP ...	9.311	9.912	1428.0E6	1015.8E6	85.706	79.969
12) T	2,4,5-T	9.605	10.342	1465.2E6	1090.4E6	110.156m	93.481
13) T	2,4-DB	10.183	10.910	96263507	74509414	55.094m	77.143m#
14) T	DINOSEB	11.387	11.294	233.7E6	236.2E6	20.387m	25.293
15) T	Picloram	11.208	12.408	2096.7E6	2898.3E6	179.054m	169.541
16) T	DCPA	11.684	12.330	4844.7E6	4376.8E6	233.636m	234.660m

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

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Operator : AR\AJ
Sample : Q2728-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

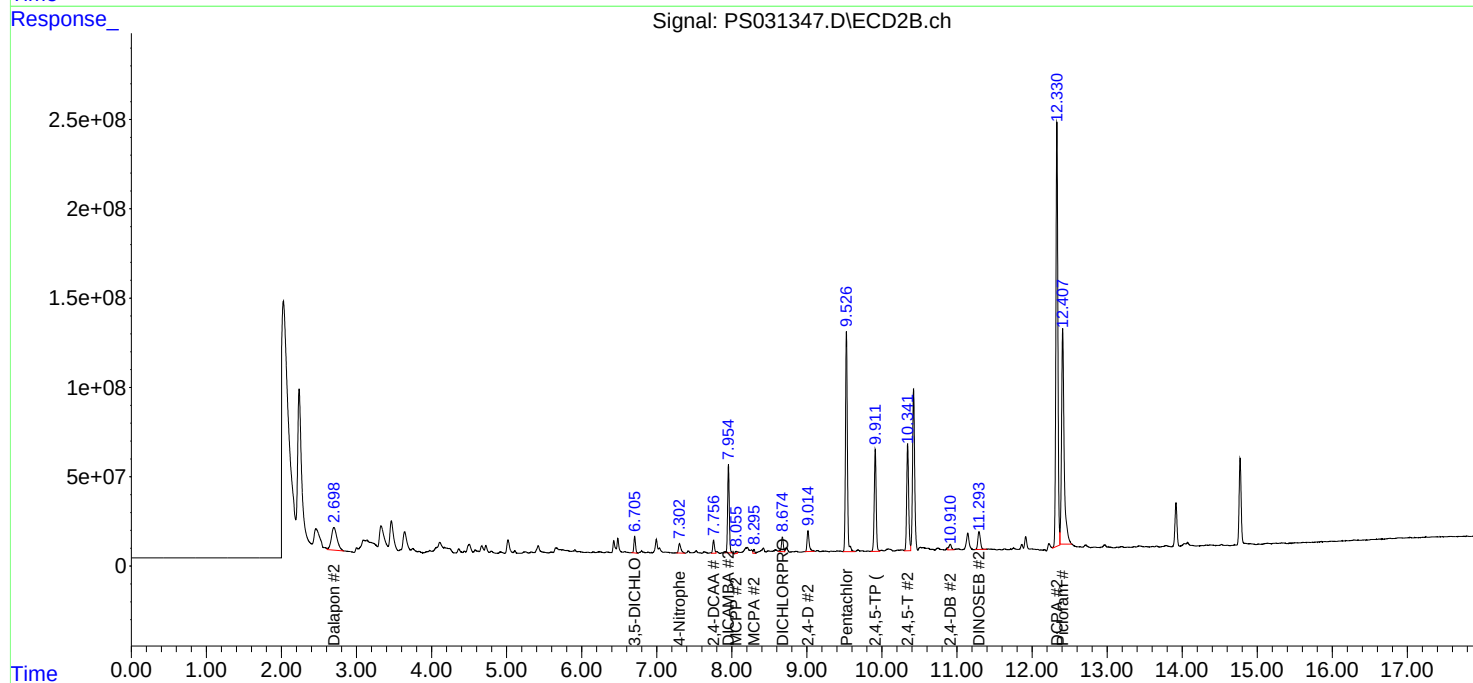
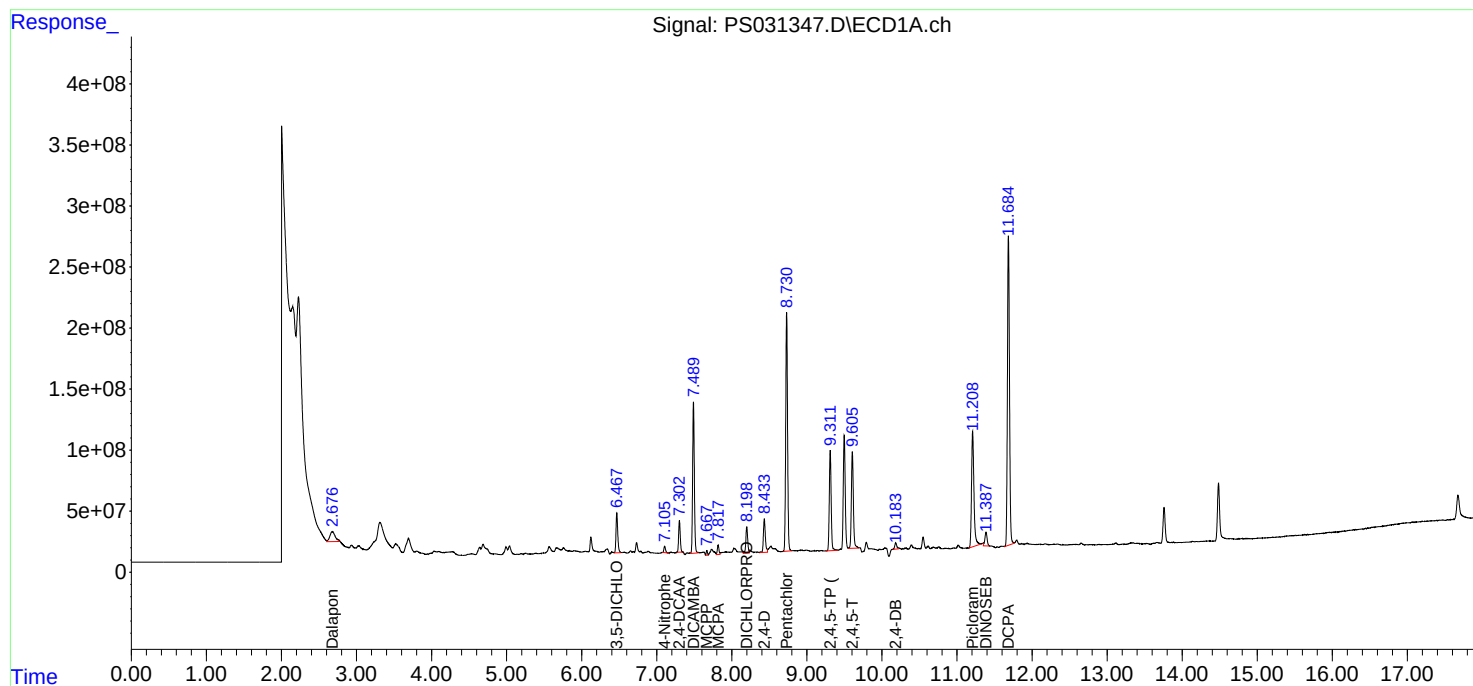
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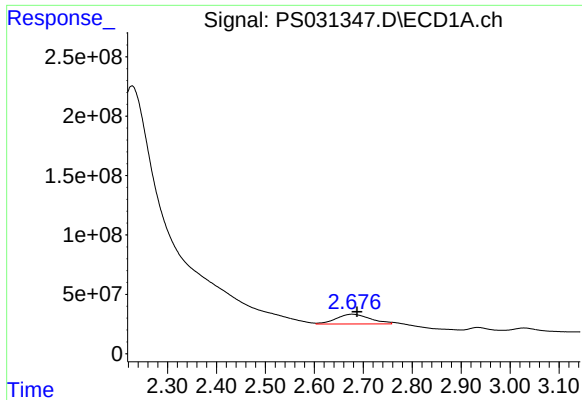
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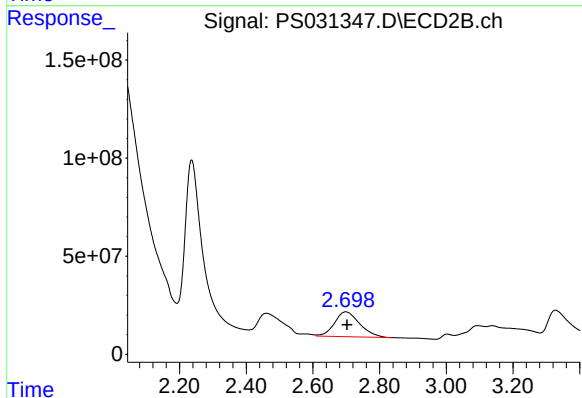
#1 Dalapon

R.T.: 2.676 min
Delta R.T.: -0.011 min
Response: 391722192
Conc: 81.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
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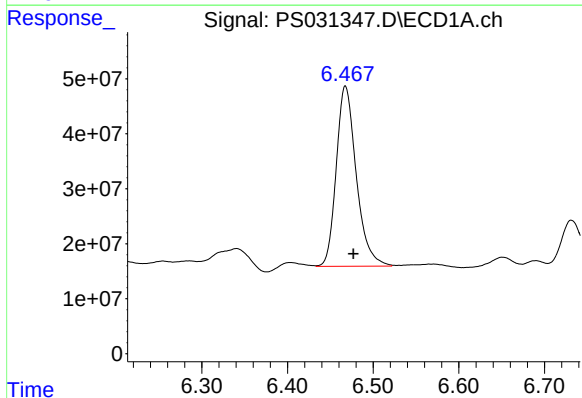
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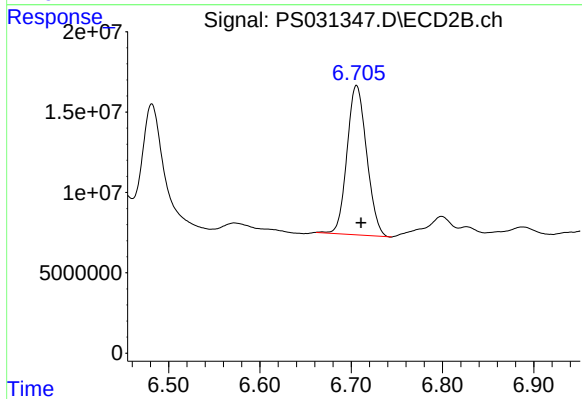
#1 Dalapon

R.T.: 2.697 min
Delta R.T.: -0.006 min
Response: 661943474
Conc: 269.50 ng/ml m



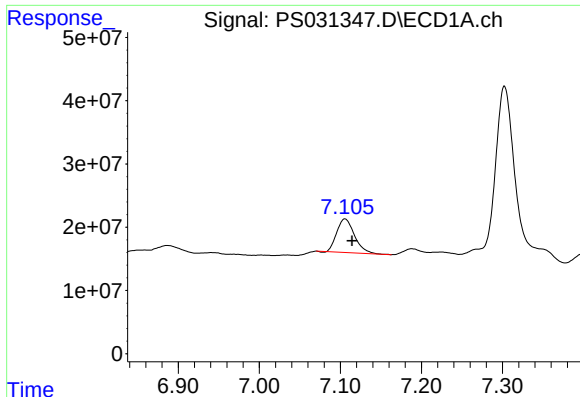
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.467 min
Delta R.T.: -0.010 min
Response: 532459459
Conc: 124.90 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.706 min
Delta R.T.: -0.005 min
Response: 138821793
Conc: 107.42 ng/ml



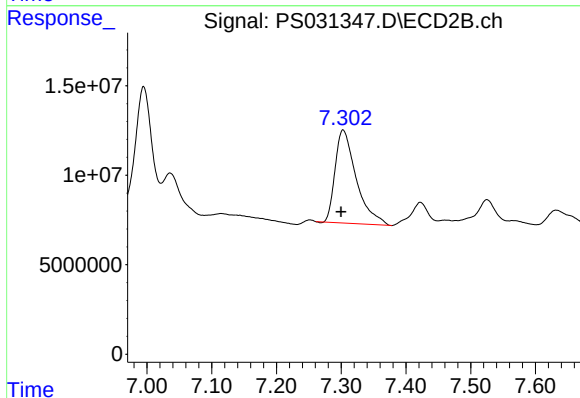
#3 4-Nitrophenol

R.T.: 7.106 min
Delta R.T.: -0.009 min
Response: 80787467
Conc: 79.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211931-VNJ240MS

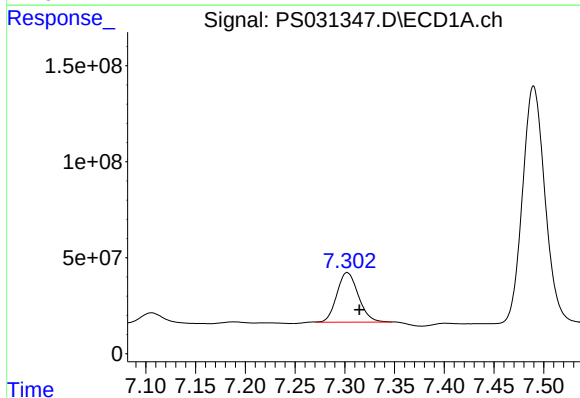
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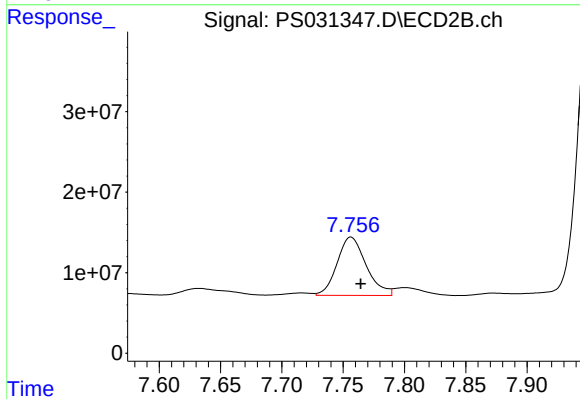
#3 4-Nitrophenol

R.T.: 7.303 min
Delta R.T.: 0.003 min
Response: 118031780
Conc: 91.43 ng/ml



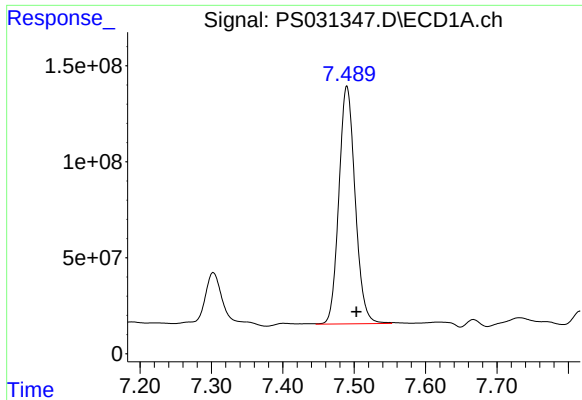
#4 2,4-DCAA

R.T.: 7.302 min
Delta R.T.: -0.013 min
Response: 389163589
Conc: 133.58 ng/ml m



#4 2,4-DCAA

R.T.: 7.756 min
Delta R.T.: -0.008 min
Response: 119465856
Conc: 143.06 ng/ml



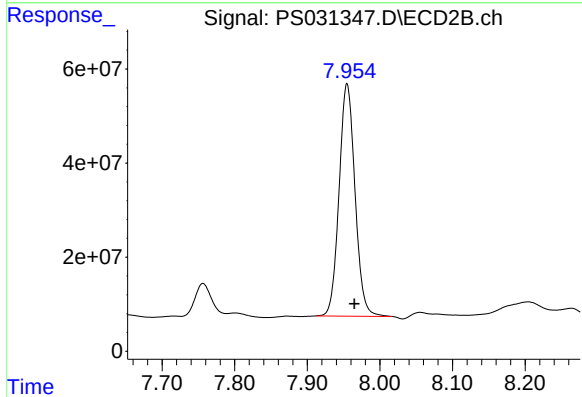
#5 DICAMBA

R.T.: 7.489 min
Delta R.T.: -0.014 min
Response: 1956600987
Conc: 151.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211931-VNJ240MS

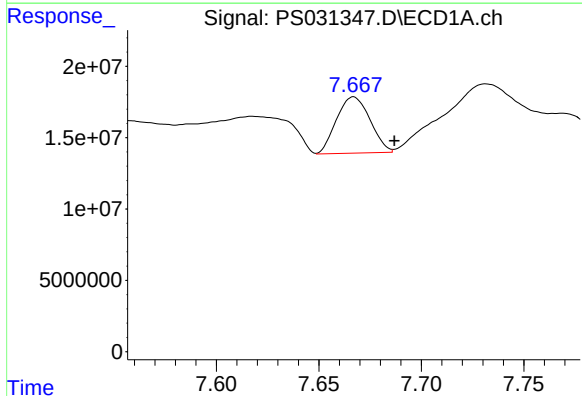
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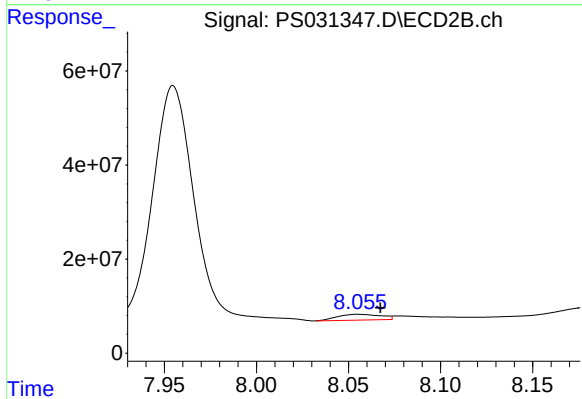
#5 DICAMBA

R.T.: 7.954 min
Delta R.T.: -0.010 min
Response: 753977921
Conc: 139.09 ng/ml m



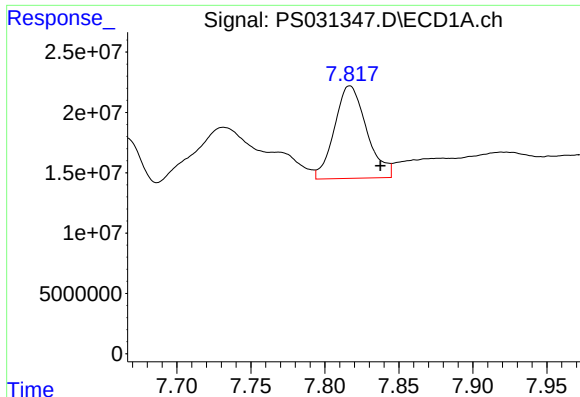
#6 MCP

R.T.: 7.667 min
Delta R.T.: -0.020 min
Response: 44975800
Conc: 5.59 ug/ml m



#6 MCP

R.T.: 8.055 min
Delta R.T.: -0.012 min
Response: 20374047
Conc: 11.92 ug/ml m



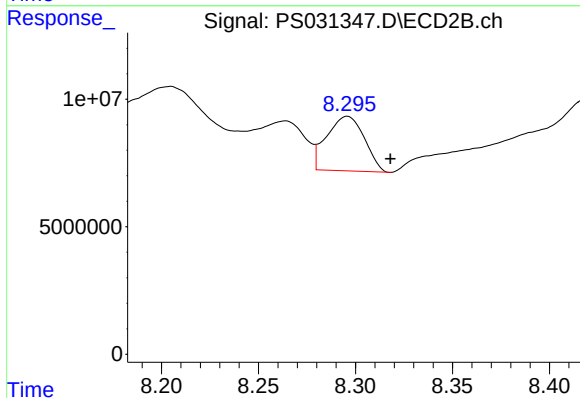
#7 MCPA

R.T.: 7.817 min
Delta R.T.: -0.021 min
Response: 116172389
Conc: 11.88 ug/ml

Instrument :
ECD_S
ClientSampleId :
7211931-VNJ240MS

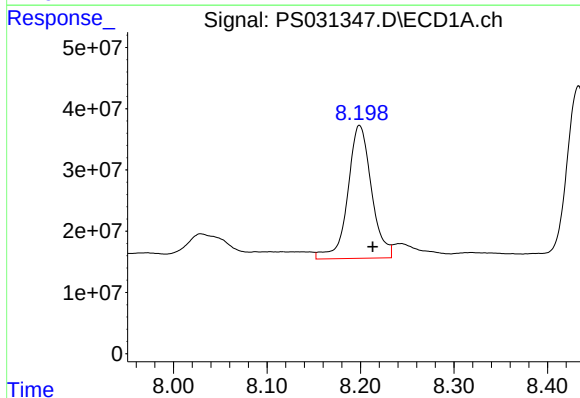
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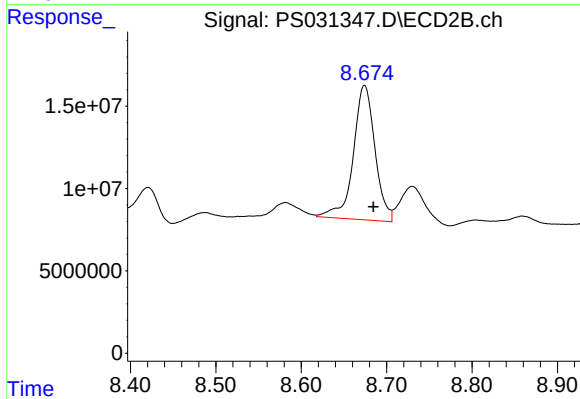
#7 MCPA

R.T.: 8.296 min
Delta R.T.: -0.022 min
Response: 28864582
Conc: 11.13 ug/ml



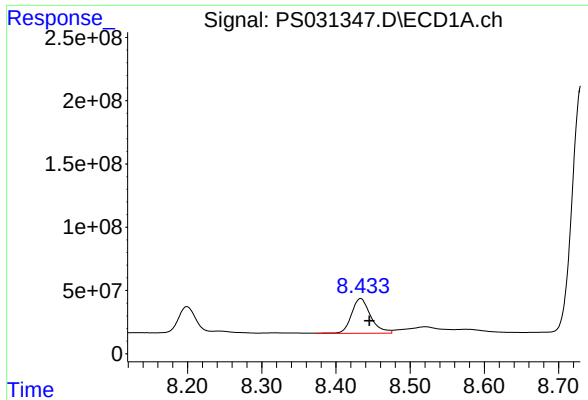
#8 DICHLORPROP

R.T.: 8.199 min
Delta R.T.: -0.014 min
Response: 382241134
Conc: 125.74 ng/ml



#8 DICHLORPROP

R.T.: 8.674 min
Delta R.T.: -0.010 min
Response: 144008826
Conc: 110.77 ng/ml



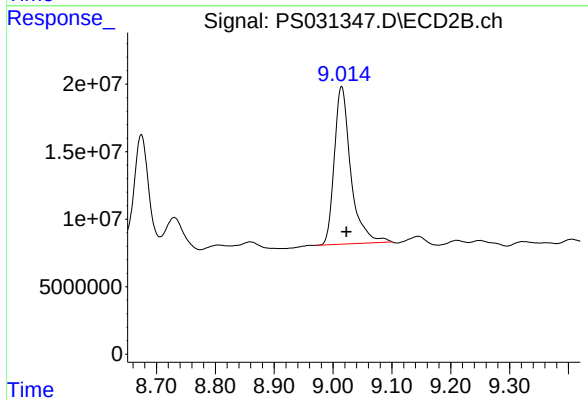
#9 2,4-D

R.T.: 8.433 min
Delta R.T.: -0.012 min
Response: 494062199
Conc: 190.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211931-VNJ240MS

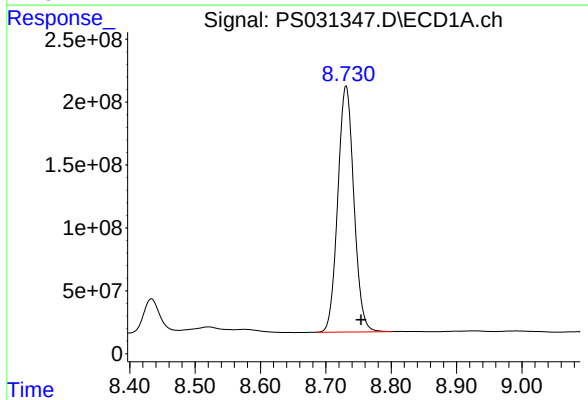
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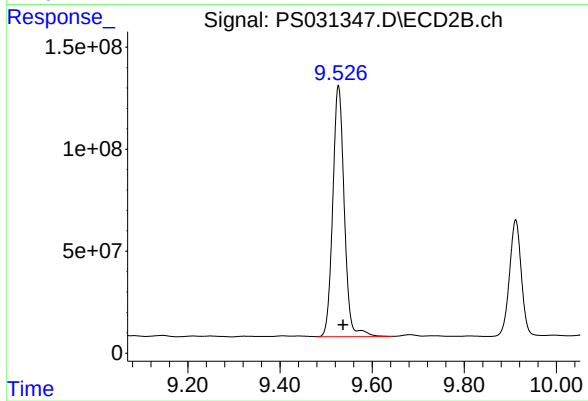
#9 2,4-D

R.T.: 9.015 min
Delta R.T.: -0.008 min
Response: 228037736
Conc: 163.41 ng/ml



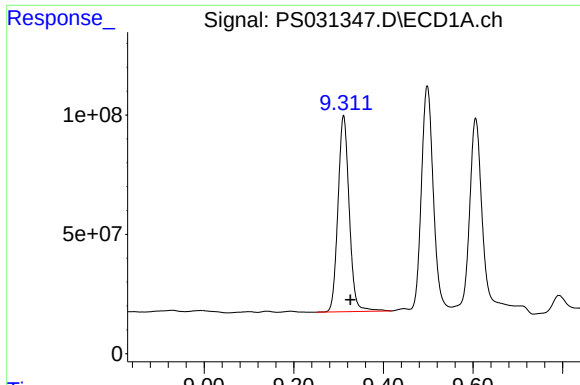
#10 Pentachlorophenol

R.T.: 8.730 min
Delta R.T.: -0.023 min
Response: 3349397693
Conc: 73.65 ng/ml m



#10 Pentachlorophenol

R.T.: 9.527 min
Delta R.T.: -0.010 min
Response: 2139003968
Conc: 63.86 ng/ml



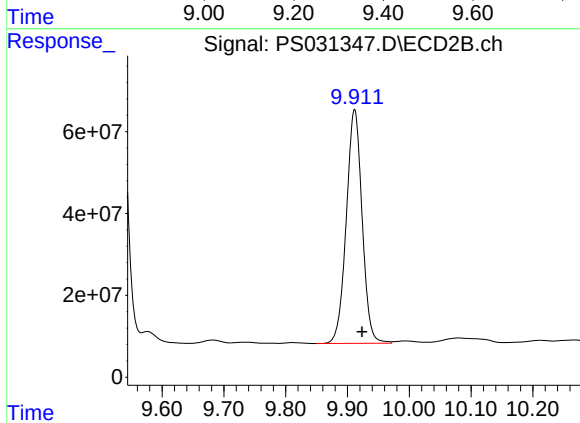
#11 2,4,5-TP (SILVEX)

R.T.: 9.311 min
Delta R.T.: -0.015 min
Response: 1427973921
Conc: 85.71 ng/ml

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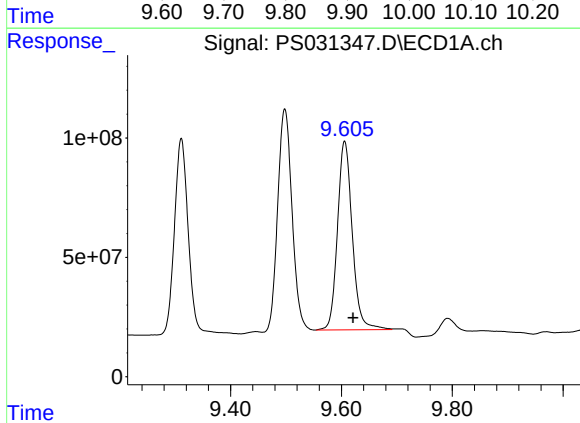
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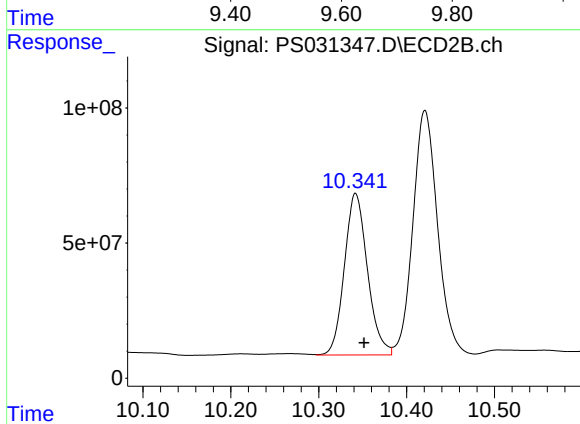
#11 2,4,5-TP (SILVEX)

R.T.: 9.912 min
Delta R.T.: -0.012 min
Response: 1015834406
Conc: 79.97 ng/ml



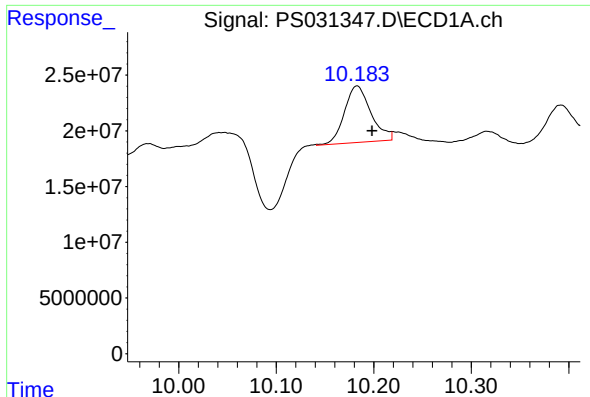
#12 2,4,5-T

R.T.: 9.605 min
Delta R.T.: -0.016 min
Response: 1465161759
Conc: 110.16 ng/ml m



#12 2,4,5-T

R.T.: 10.342 min
Delta R.T.: -0.009 min
Response: 1090426487
Conc: 93.48 ng/ml



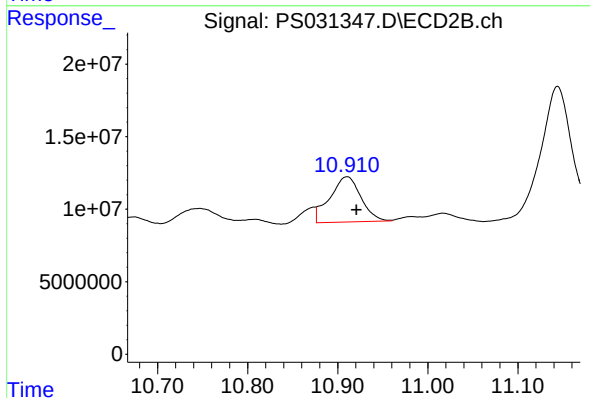
#13 2,4-DB

R.T.: 10.183 min
Delta R.T.: -0.015 min
Response: 96263507
Conc: 55.09 ng/ml

Instrument :
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ClientSampleId :
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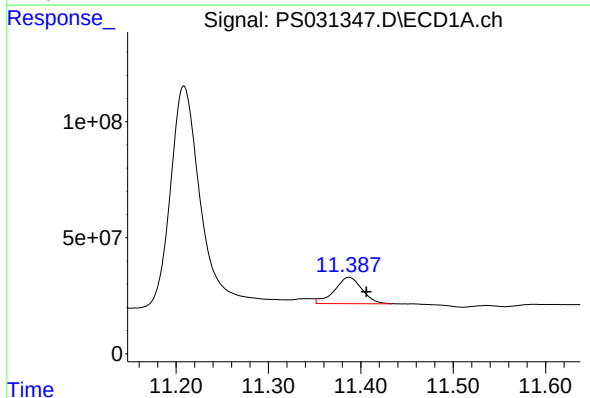
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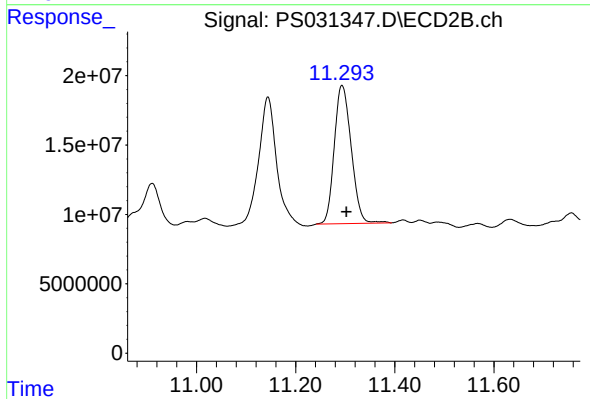
#13 2,4-DB

R.T.: 10.910 min
Delta R.T.: -0.010 min
Response: 74509414
Conc: 77.14 ng/ml m



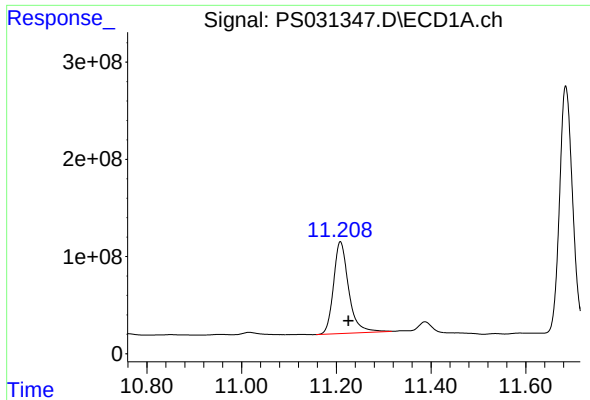
#14 DINOSEB

R.T.: 11.387 min
Delta R.T.: -0.019 min
Response: 233704190
Conc: 20.39 ng/ml m



#14 DINOSEB

R.T.: 11.294 min
Delta R.T.: -0.009 min
Response: 236232698
Conc: 25.29 ng/ml



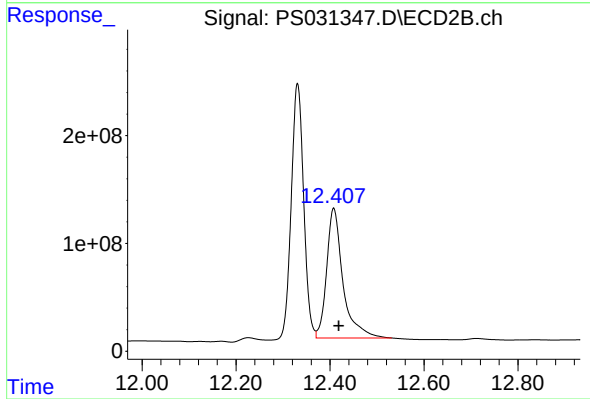
#15 Picloram

R.T.: 11.208 min
Delta R.T.: -0.017 min
Response: 2096652886
Conc: 179.05 ng/ml

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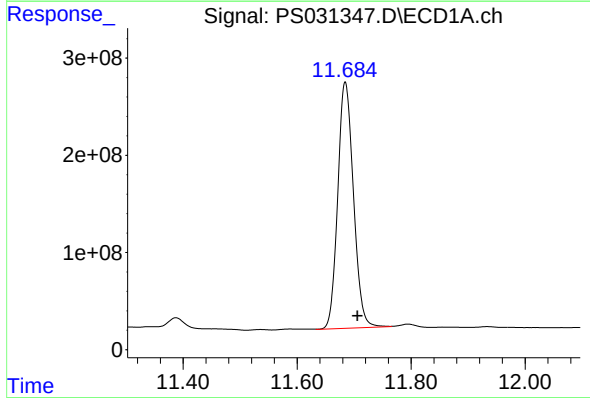
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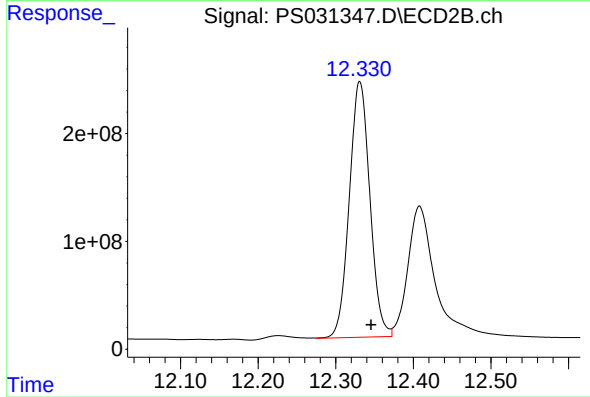
#15 Picloram

R.T.: 12.408 min
Delta R.T.: -0.011 min
Response: 2898284813
Conc: 169.54 ng/ml



#16 DCPA

R.T.: 11.684 min
Delta R.T.: -0.022 min
Response: 4844707227
Conc: 233.64 ng/ml m



#16 DCPA

R.T.: 12.330 min
Delta R.T.: -0.015 min
Response: 4376828207
Conc: 234.66 ng/ml m