

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS052325\
 Data File : PS030402.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2025 01:17
 Operator : AR\AJ
 Sample : Q2100-03MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-21MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/27/2025
 Supervised By :mohammad ahmed 05/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 01:55:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.927	7.443	279.2E6	74165034	98.039	92.683
Target Compounds							
1) T	Dalapon	2.437	2.509	856.9E6	743.4E6	174.339	366.007m#
2) T	3,5-DICHL...	6.133	6.445	358.0E6	93838467	85.834	80.491
3) T	4-Nitroph...	6.718	6.979	278.6E6	126.5E6	134.893	121.143
5) T	DICAMBA	7.102	7.627	1146.5E6	446.2E6	99.203	94.368m
6) T	MCPD	7.279	7.731	17903739	3750018	2.458	2.038
7) T	MCPA	7.420	8.000	60446517	13557222	5.823	5.140m
8) T	DICHLORPROP	7.783	8.323	267.6E6	166.1E6	91.585	140.581 #
9) T	2,4-D	8.002	8.631	381.4E6	143.8E6	116.324	111.402
10) T	Pentachlo...	8.278	9.130	1915.4E6	1126.3E6	47.292	45.627m
11) T	2,4,5-TP ...	8.841	9.508	876.2E6	533.2E6	54.099	54.128
12) T	2,4,5-T	9.123	9.911	1134.7E6	623.3E6	68.705m	67.726m
13) T	2,4-DB	9.683	10.468	110.5E6	43880831	42.347m	44.218m
14) T	DINOSEB	10.841	10.842	111.7E6	30368655	9.766	4.445m#
15) T	Picloram	10.662	11.872	2103.6E6	1603.3E6	98.357	113.929m
16) T	DCPA	11.142	11.868	2466.7E6	1126.2E6	123.884	83.360m#

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

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Operator : AR\AJ
Sample : Q2100-03MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

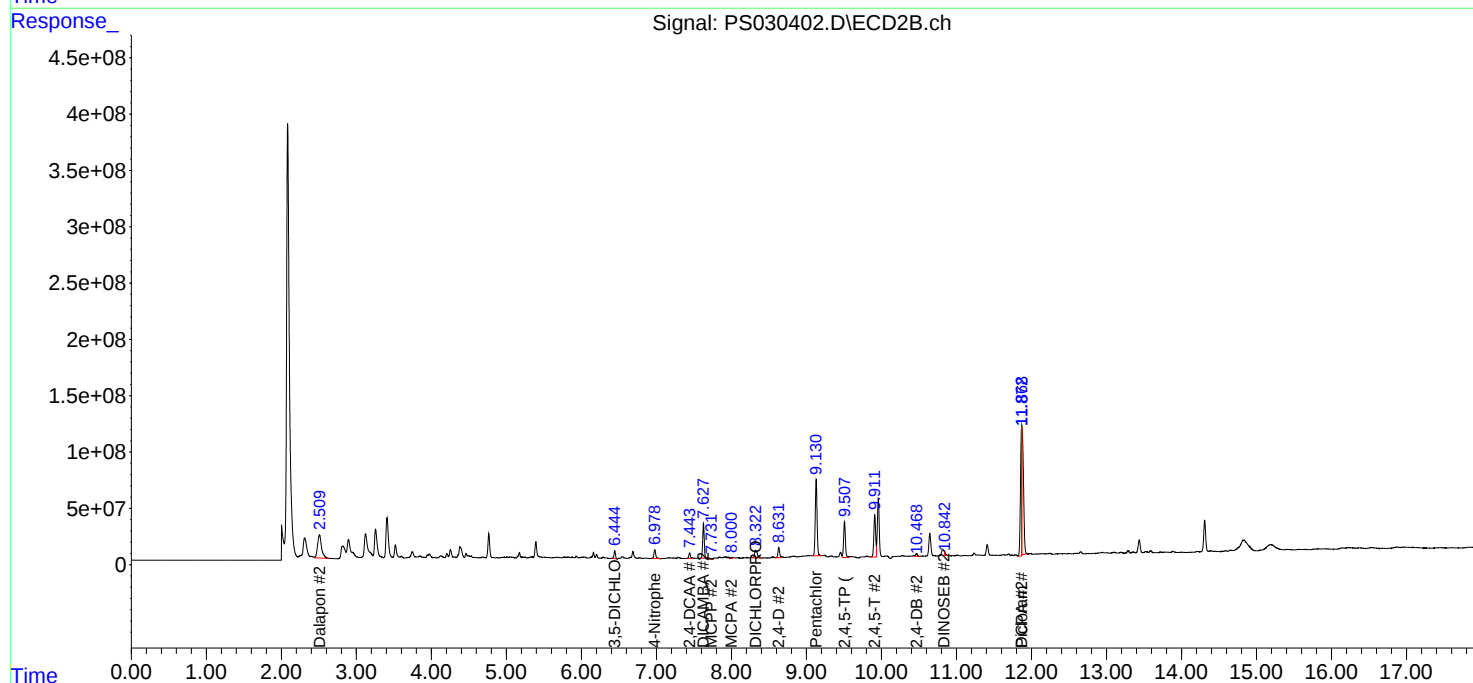
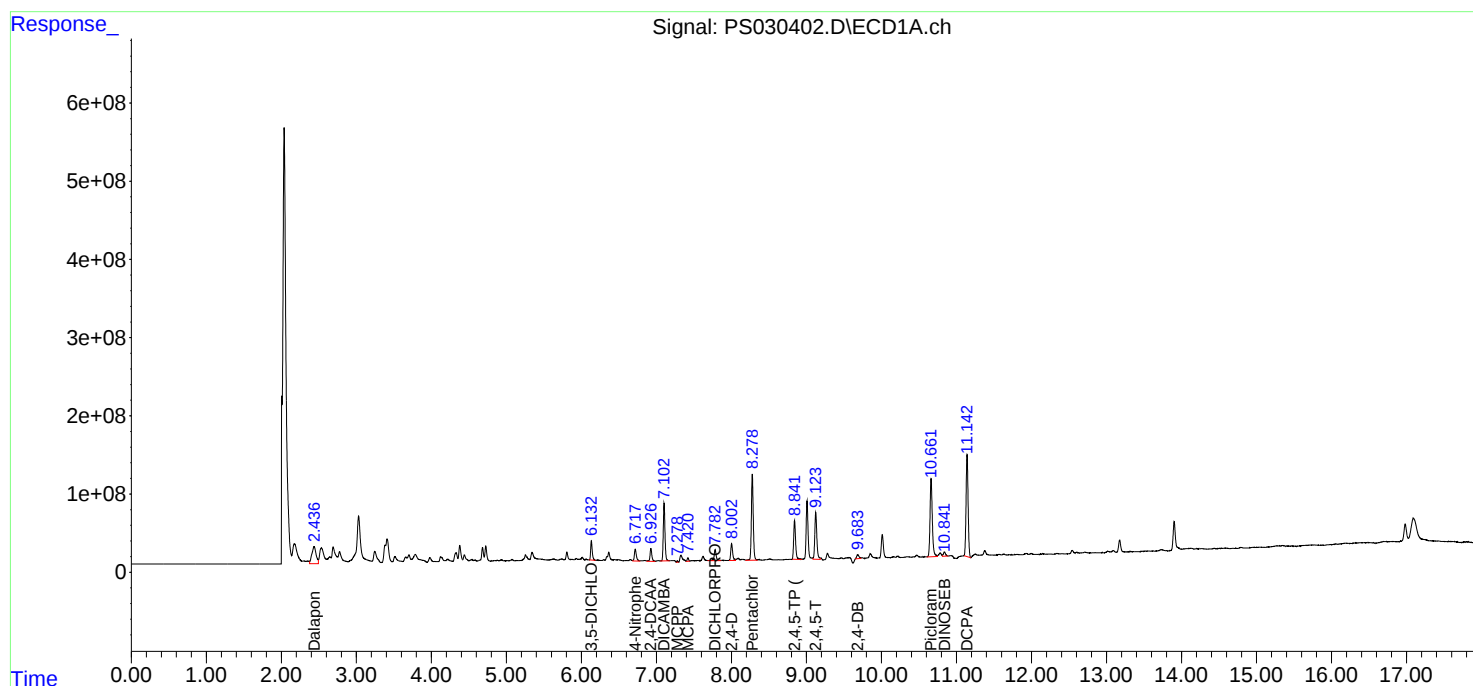
Instrument :
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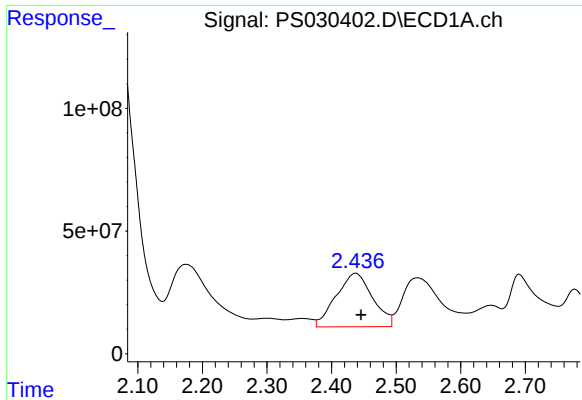
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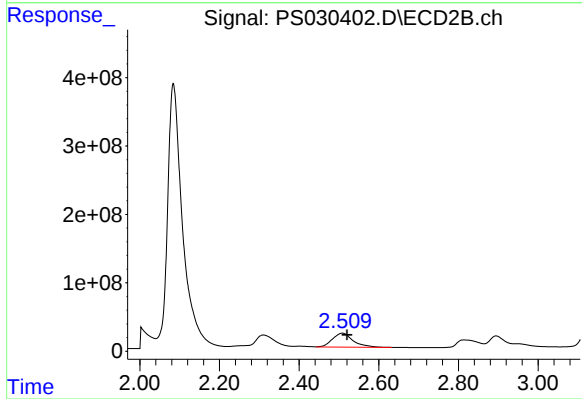
#1 Dalapon

R.T.: 2.437 min
Delta R.T.: -0.009 min
Response: 856938239
Conc: 174.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MSD

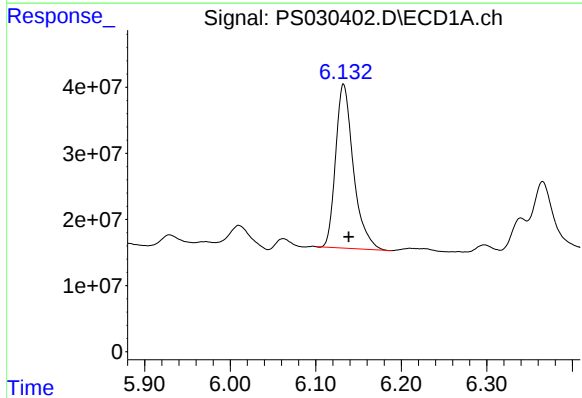
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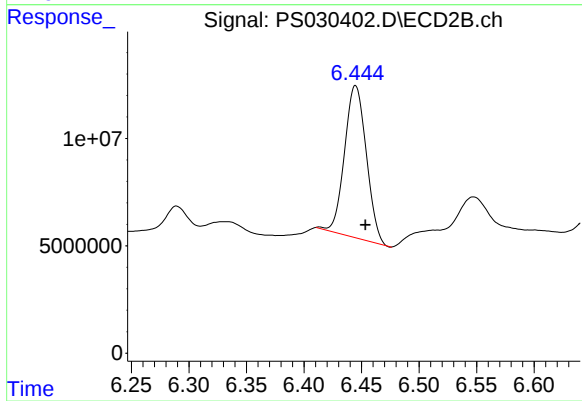
#1 Dalapon

R.T.: 2.509 min
Delta R.T.: -0.011 min
Response: 743377910
Conc: 366.01 ng/ml m



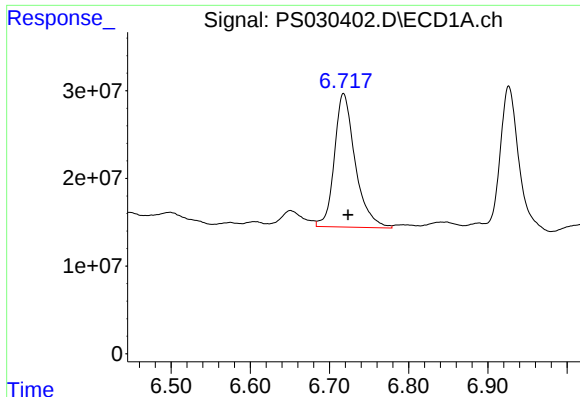
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.133 min
Delta R.T.: -0.006 min
Response: 357976005
Conc: 85.83 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.445 min
Delta R.T.: -0.008 min
Response: 93838467
Conc: 80.49 ng/ml



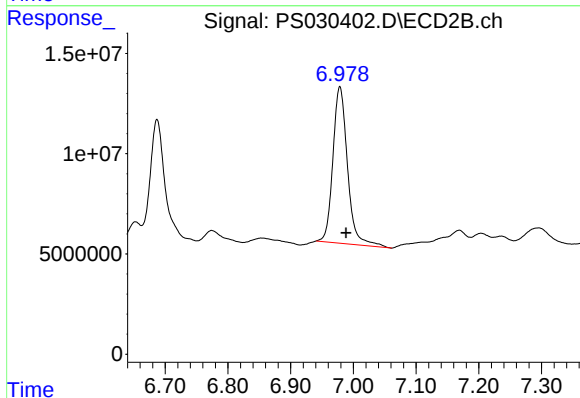
#3 4-Nitrophenol

R.T.: 6.718 min
Delta R.T.: -0.006 min
Response: 278636250
Conc: 134.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MSD

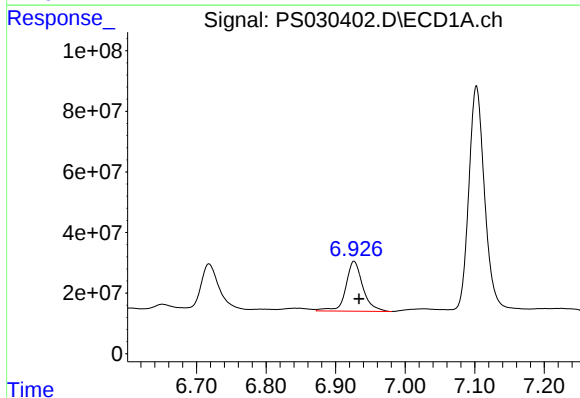
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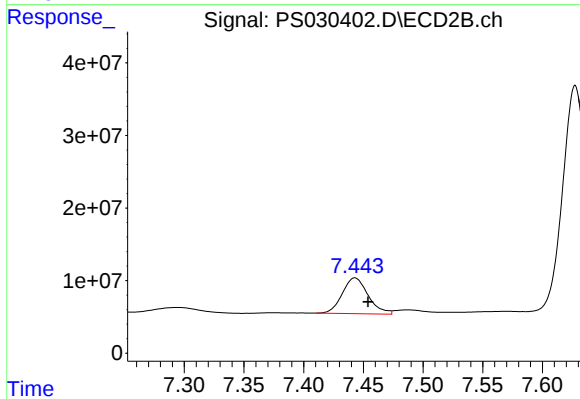
#3 4-Nitrophenol

R.T.: 6.979 min
Delta R.T.: -0.010 min
Response: 126477511
Conc: 121.14 ng/ml



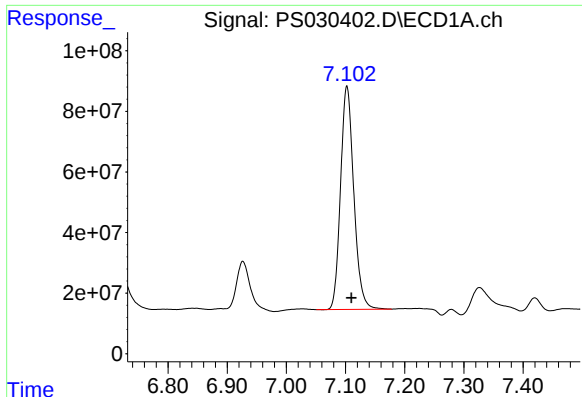
#4 2,4-DCAA

R.T.: 6.927 min
Delta R.T.: -0.007 min
Response: 279194995
Conc: 98.04 ng/ml



#4 2,4-DCAA

R.T.: 7.443 min
Delta R.T.: -0.011 min
Response: 74165034
Conc: 92.68 ng/ml



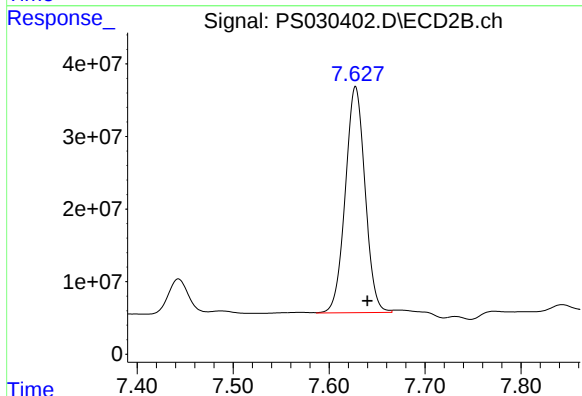
#5 DICAMBA

R.T.: 7.102 min
Delta R.T.: -0.008 min
Response: 1146526247
Conc: 99.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MSD

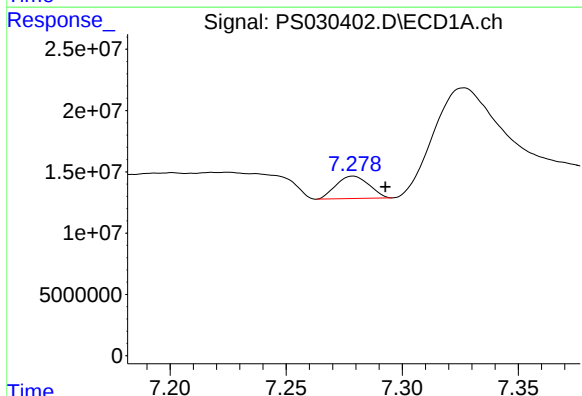
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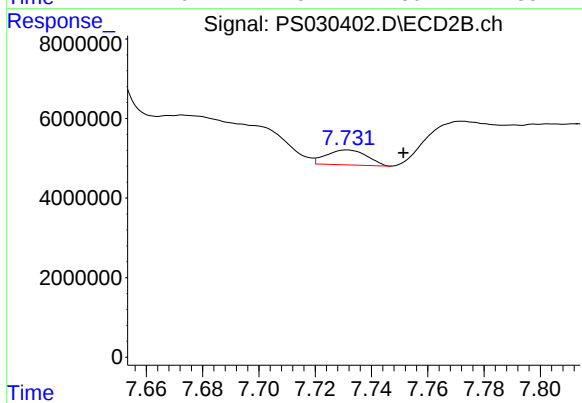
#5 DICAMBA

R.T.: 7.627 min
Delta R.T.: -0.013 min
Response: 446168007
Conc: 94.37 ng/ml m



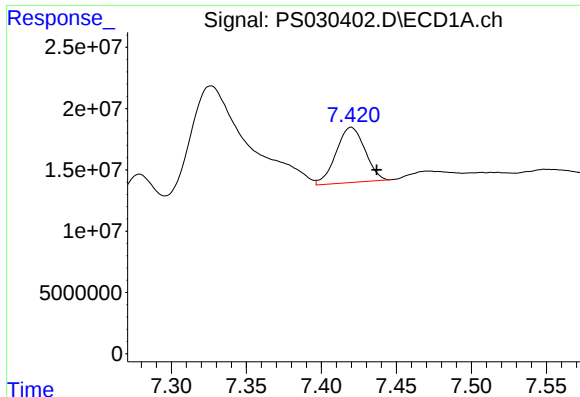
#6 MCPP

R.T.: 7.279 min
Delta R.T.: -0.014 min
Response: 17903739
Conc: 2.46 ug/ml



#6 MCPP

R.T.: 7.731 min
Delta R.T.: -0.020 min
Response: 3750018
Conc: 2.04 ug/ml



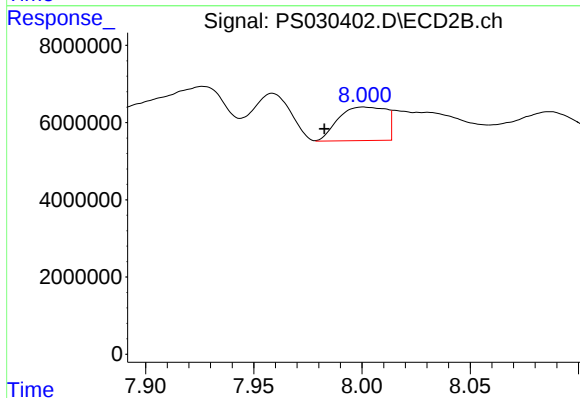
#7 MCPA

R.T.: 7.420 min
Delta R.T.: -0.017 min
Response: 60446517
Conc: 5.82 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MSD

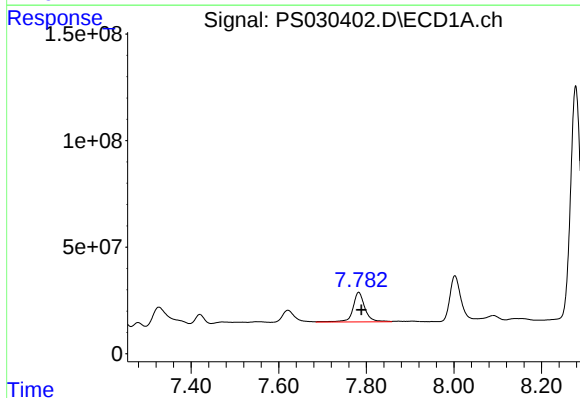
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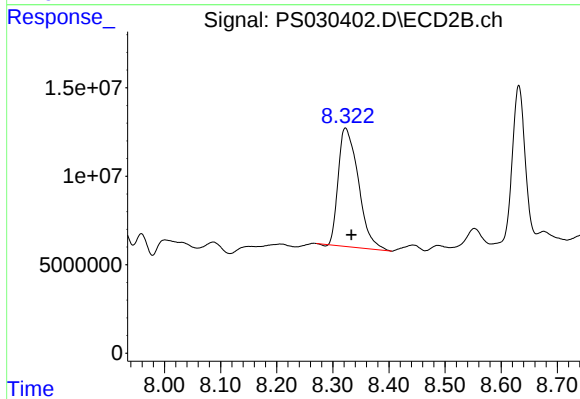
#7 MCPA

R.T.: 8.000 min
Delta R.T.: 0.017 min
Response: 13557222
Conc: 5.14 ug/ml m



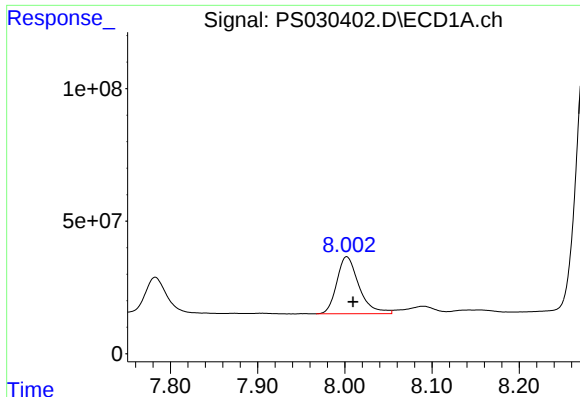
#8 DICHLORPROP

R.T.: 7.783 min
Delta R.T.: -0.007 min
Response: 267550620
Conc: 91.58 ng/ml



#8 DICHLORPROP

R.T.: 8.323 min
Delta R.T.: -0.010 min
Response: 166087040
Conc: 140.58 ng/ml



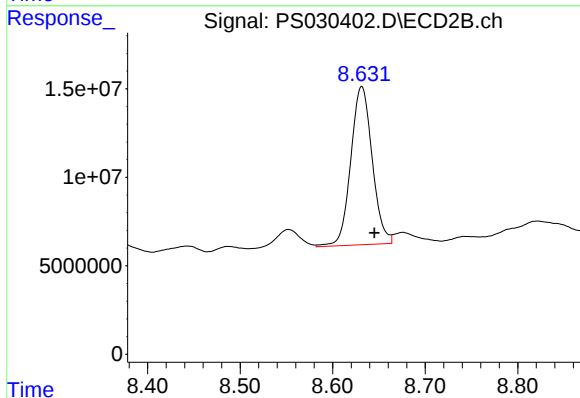
#9 2,4-D

R.T.: 8.002 min
Delta R.T.: -0.007 min
Response: 381419498
Conc: 116.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MSD

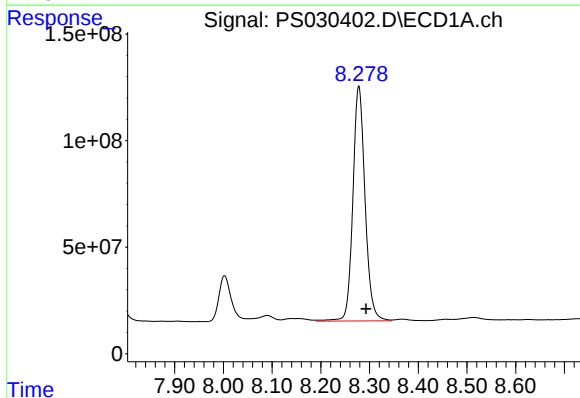
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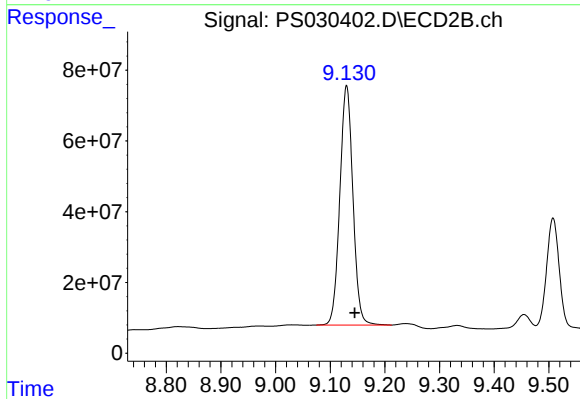
#9 2,4-D

R.T.: 8.631 min
Delta R.T.: -0.014 min
Response: 143764196
Conc: 111.40 ng/ml



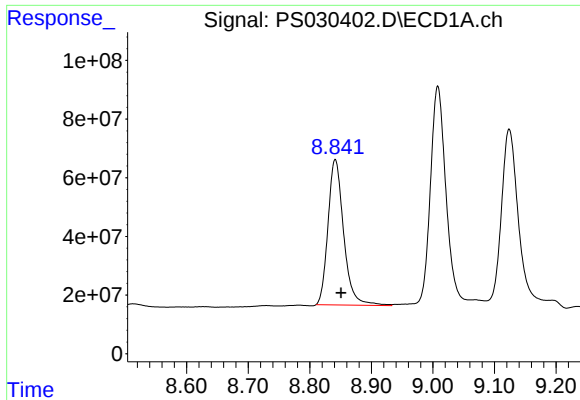
#10 Pentachlorophenol

R.T.: 8.278 min
Delta R.T.: -0.015 min
Response: 1915368441
Conc: 47.29 ng/ml



#10 Pentachlorophenol

R.T.: 9.130 min
Delta R.T.: -0.016 min
Response: 1126296248
Conc: 45.63 ng/ml m



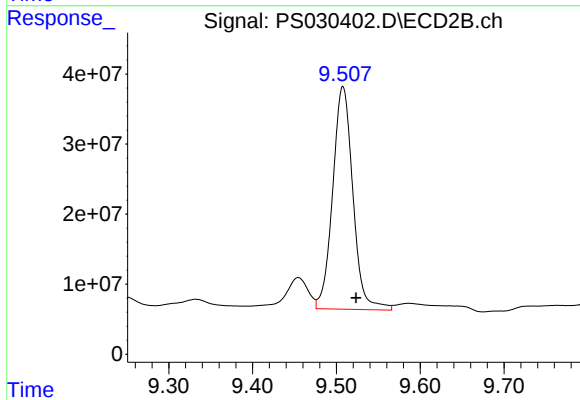
#11 2,4,5-TP (SILVEX)

R.T.: 8.841 min
Delta R.T.: -0.009 min
Response: 876181027
Conc: 54.10 ng/ml

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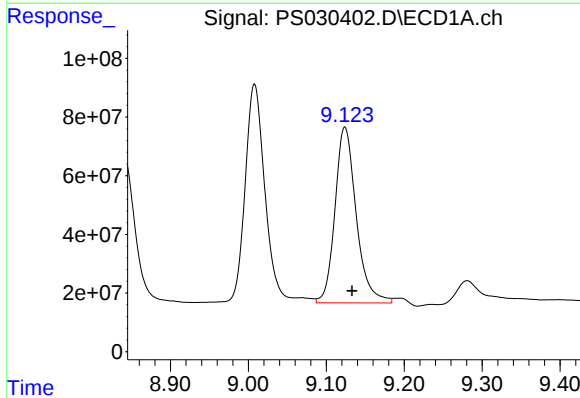
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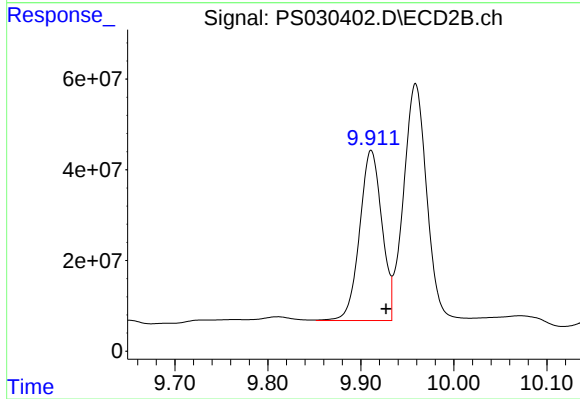
#11 2,4,5-TP (SILVEX)

R.T.: 9.508 min
Delta R.T.: -0.015 min
Response: 533182272
Conc: 54.13 ng/ml



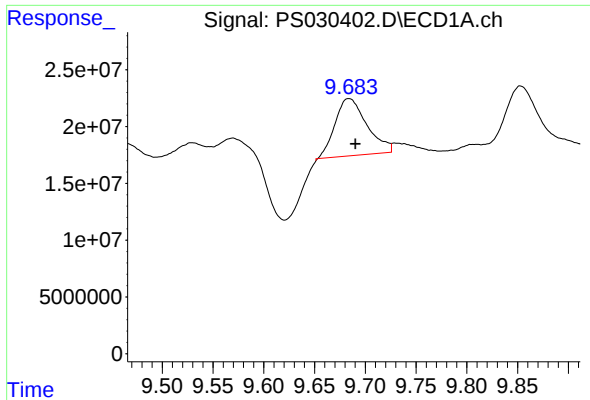
#12 2,4,5-T

R.T.: 9.123 min
Delta R.T.: -0.010 min
Response: 1134677982
Conc: 68.71 ng/ml m



#12 2,4,5-T

R.T.: 9.911 min
Delta R.T.: -0.017 min
Response: 623327447
Conc: 67.73 ng/ml m



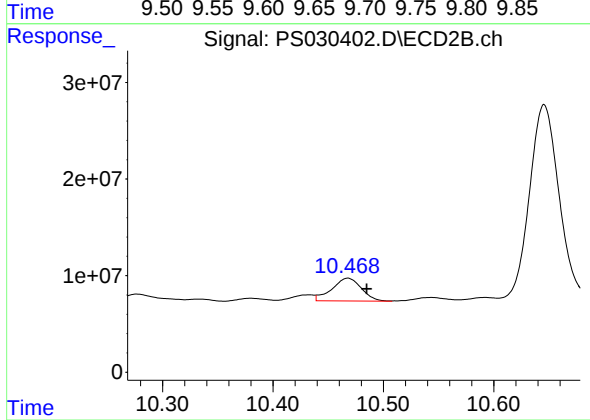
#13 2,4-DB

R.T.: 9.683 min
Delta R.T.: -0.007 min
Response: 110516342
Conc: 42.35 ng/ml

Instrument :
ECD_S
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TP-21MSD

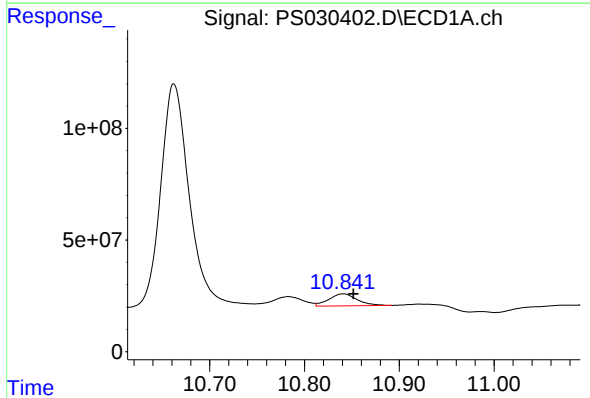
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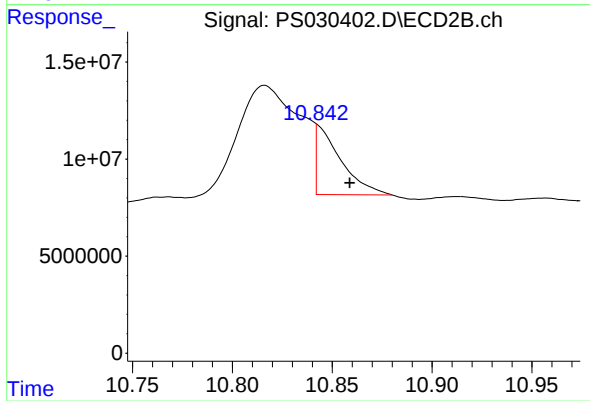
#13 2,4-DB

R.T.: 10.468 min
Delta R.T.: -0.017 min
Response: 43880831
Conc: 44.22 ng/ml m



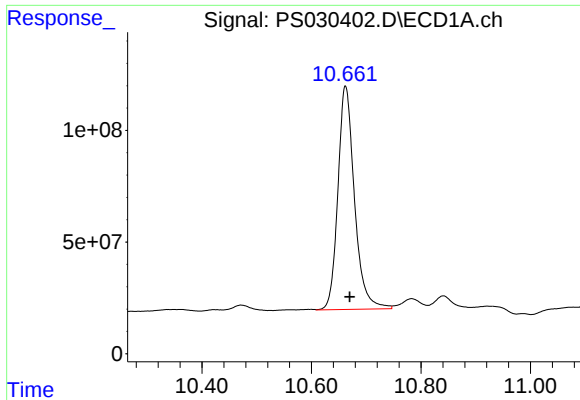
#14 DINOSEB

R.T.: 10.841 min
Delta R.T.: -0.011 min
Response: 111683882
Conc: 9.77 ng/ml



#14 DINOSEB

R.T.: 10.842 min
Delta R.T.: -0.017 min
Response: 30368655
Conc: 4.45 ng/ml m



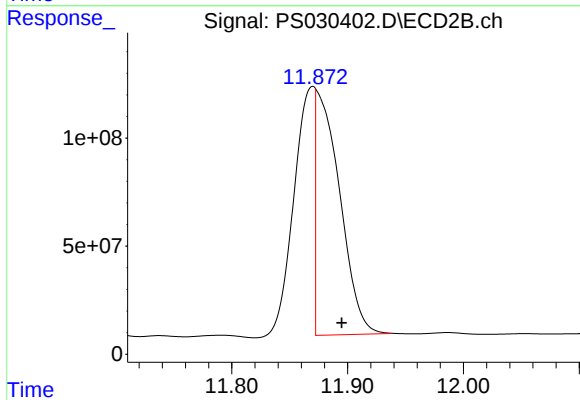
#15 Picloram

R.T.: 10.662 min
Delta R.T.: -0.008 min
Response: 2103561002
Conc: 98.36 ng/ml

Instrument :
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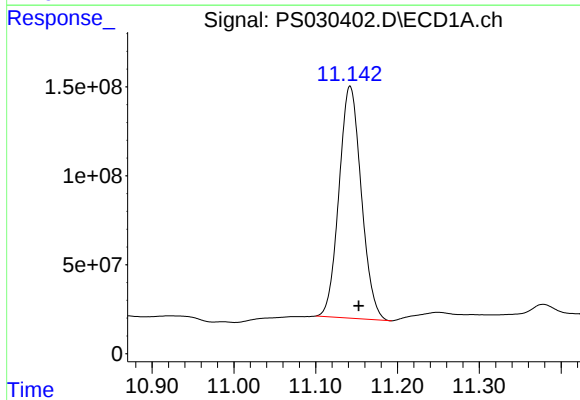
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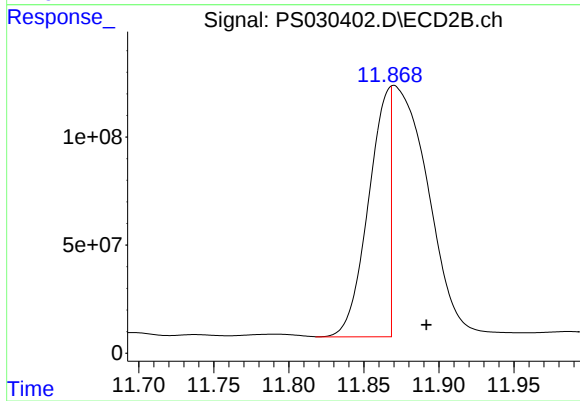
#15 Picloram

R.T.: 11.872 min
Delta R.T.: -0.023 min
Response: 1603336550
Conc: 113.93 ng/ml m



#16 DCPA

R.T.: 11.142 min
Delta R.T.: -0.011 min
Response: 2466720098
Conc: 123.88 ng/ml



#16 DCPA

R.T.: 11.868 min
Delta R.T.: -0.024 min
Response: 1126243358
Conc: 83.36 ng/ml m