

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072325\
 Data File : PS031193.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jul 2025 15:27
 Operator : AR\AJ
 Sample : Q2558-01MSRE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 OU4-TS-Denali-070925MSRE

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/24/2025
 Supervised By : mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 01:19:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 03:18:42 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	7.320	7.765	393.9E6	207.1E6	90.598	203.999 #
Target Compounds							
1) T	Dalapon	2.682	2.704	609.2E6	2039.3E6	97.112m	718.884m#
2) T	3,5-DICHL...	6.484	6.711	458.8E6	158.1E6	83.079	102.656
5) T	DICAMBA	7.510	7.966	2009.2E6	761.6E6	121.792	118.015
6) T	MCP	7.673	8.068	45565902	116.7E6	4.552m	56.164m#
8) T	DICHLORPROP	8.220	8.685	340.4E6	175.7E6	89.052	115.965 #
9) T	2,4-D	8.453	9.021	601.4E6	268.2E6	161.014	157.944
10) T	Pentachlo...	8.759	9.544	2839.6E6	1809.6E6	51.987	46.305
11) T	2,4,5-TP ...	9.338	9.928	1604.4E6	1541.8E6	73.083m	103.517m#
12) T	2,4,5-T	9.630	10.352	1624.3E6	1687.0E6	83.180m	118.638 #
13) T	2,4-DB	10.208	10.911	95887840	51022373	32.071m	43.590m#
14) T	DINOSEB	11.421	11.313	124.2E6	2524.9E6	7.980	223.404 #
15) T	Picloram	11.231	12.413	3692.0E6	3368.0E6	184.537	135.288m#
16) T	DCPA	11.718	12.349	4510.2E6	3492.9E6	157.185	151.625m

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

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Acq On : 23 Jul 2025 15:27
Operator : AR\AJ
Sample : Q2558-01MSRE
Misc :
ALS Vial : 14 Sample Multiplier: 1

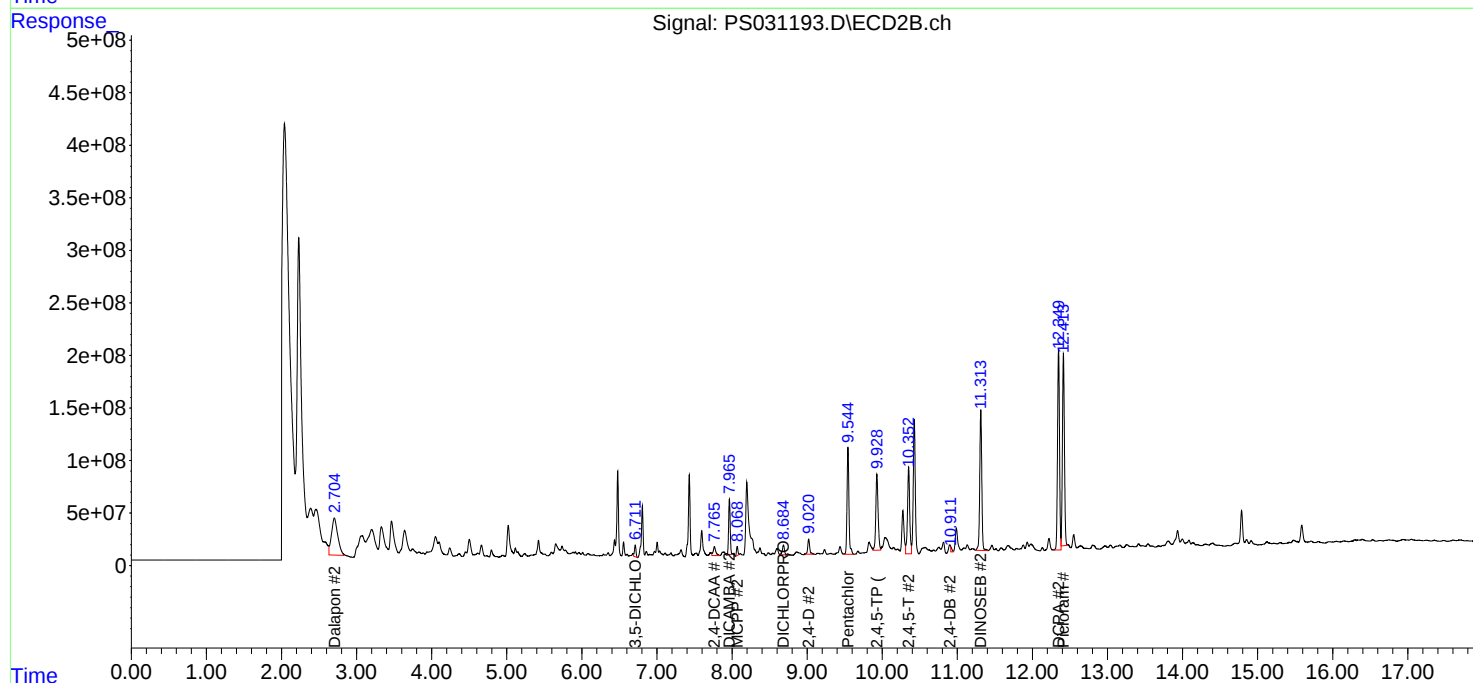
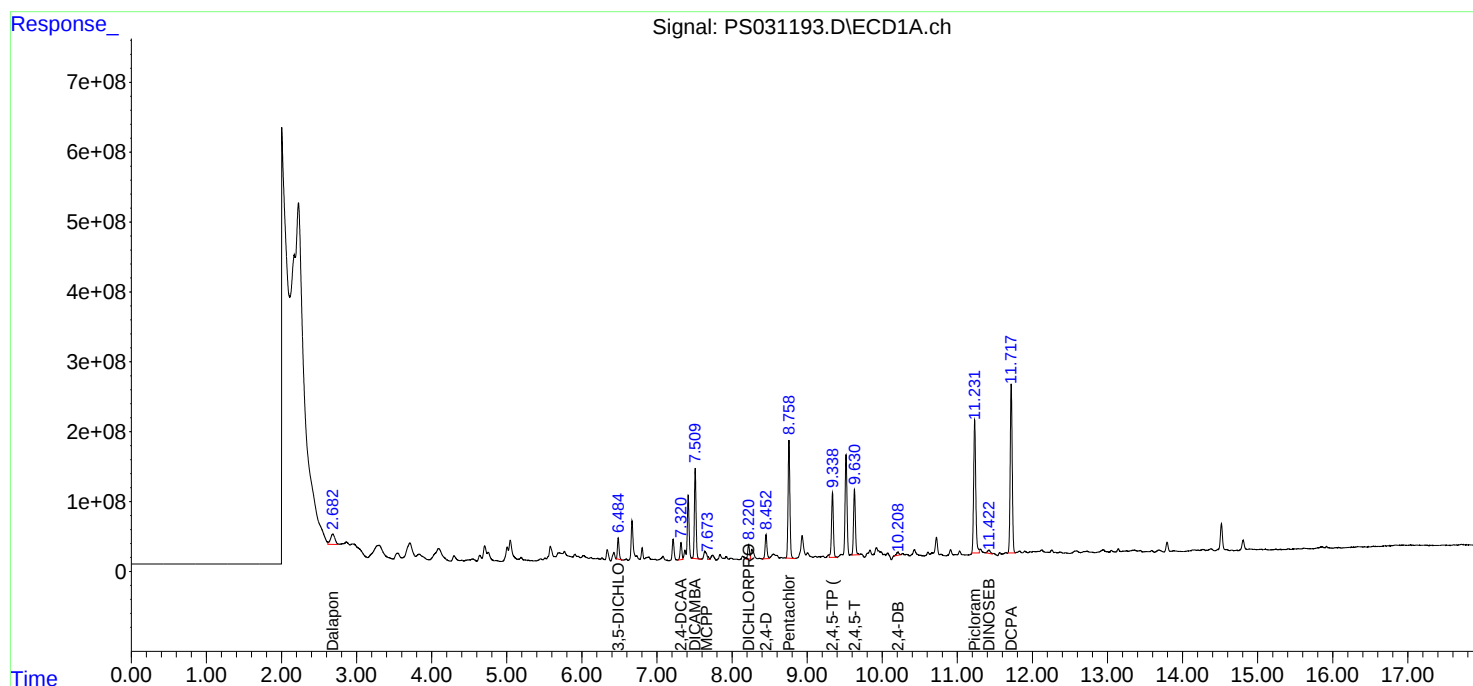
Instrument :
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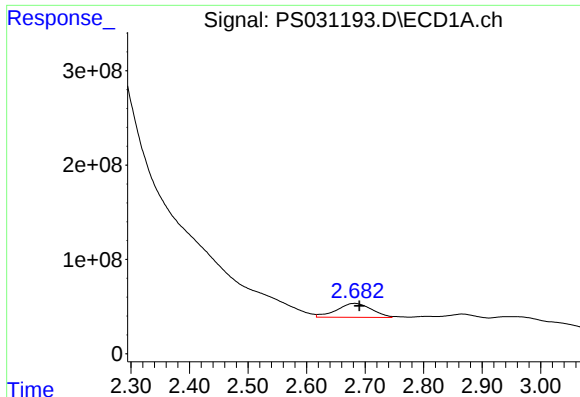
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Integration File signal 1: autoint1.e
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Quant Time: Jul 24 01:19:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
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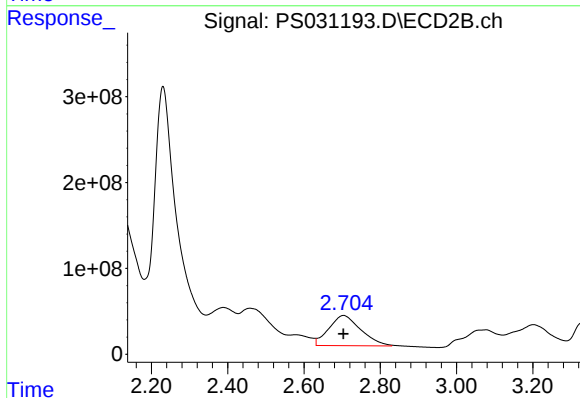
#1 Dalapon

R.T.: 2.682 min
Delta R.T.: -0.008 min
Response: 609174264
Conc: 97.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
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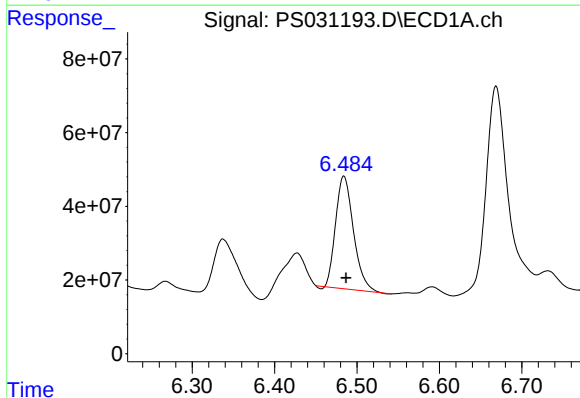
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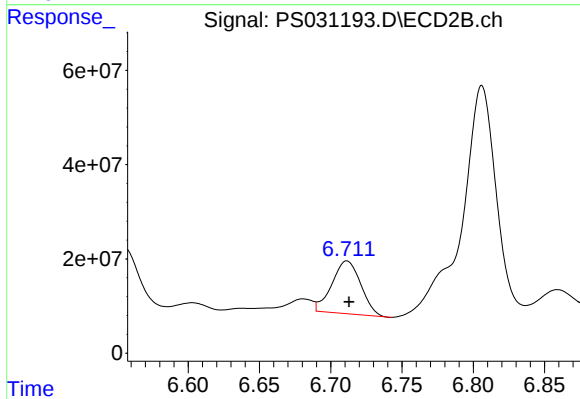
#1 Dalapon

R.T.: 2.704 min
Delta R.T.: 0.000 min
Response: 2039288262
Conc: 718.88 ng/ml m



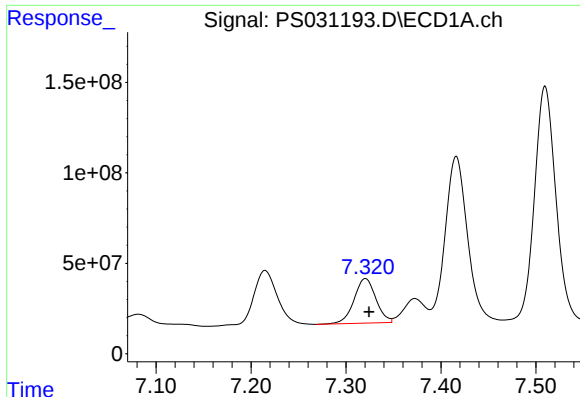
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.484 min
Delta R.T.: -0.003 min
Response: 458822911
Conc: 83.08 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.711 min
Delta R.T.: -0.002 min
Response: 158079755
Conc: 102.66 ng/ml



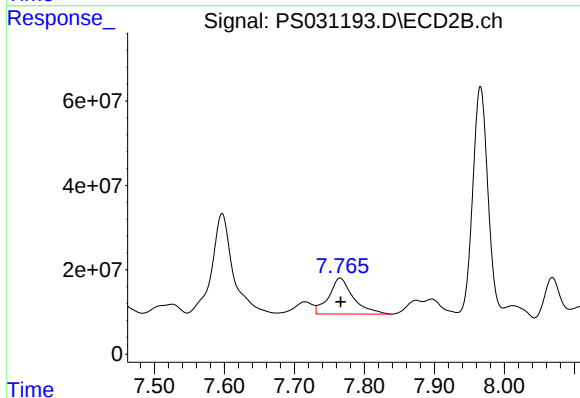
#4 2,4-DCAA

R.T.: 7.320 min
Delta R.T.: -0.004 min
Response: 393943600
Conc: 90.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
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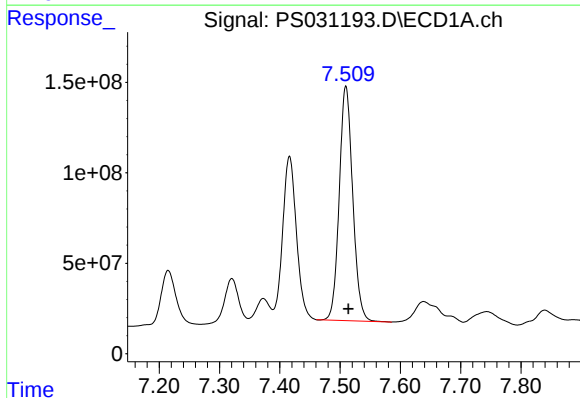
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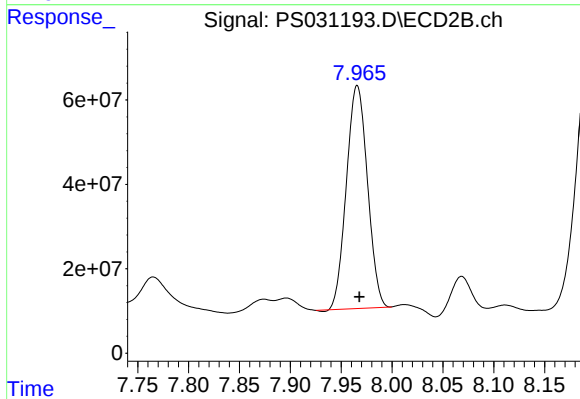
#4 2,4-DCAA

R.T.: 7.765 min
Delta R.T.: 0.000 min
Response: 207052309
Conc: 204.00 ng/ml



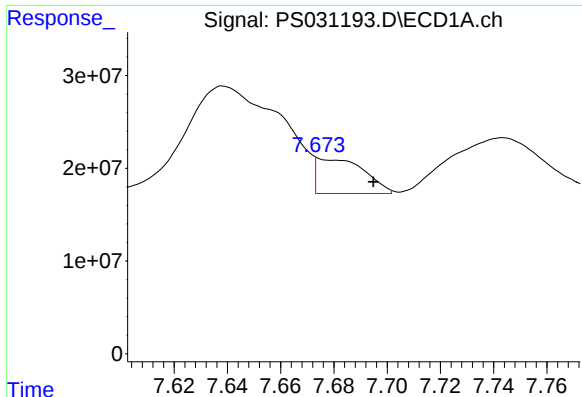
#5 DICAMBA

R.T.: 7.510 min
Delta R.T.: -0.004 min
Response: 2009190421
Conc: 121.79 ng/ml



#5 DICAMBA

R.T.: 7.966 min
Delta R.T.: -0.002 min
Response: 761591778
Conc: 118.01 ng/ml



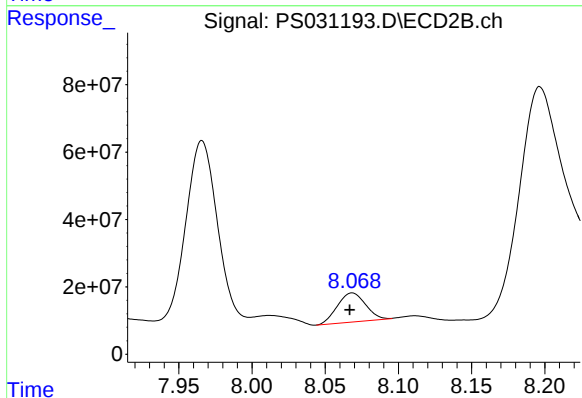
#6 MCPP

R.T.: 7.673 min
Delta R.T.: -0.022 min
Response: 45565902
Conc: 4.55 ug/ml

Instrument :
ECD_S
ClientSampleId :
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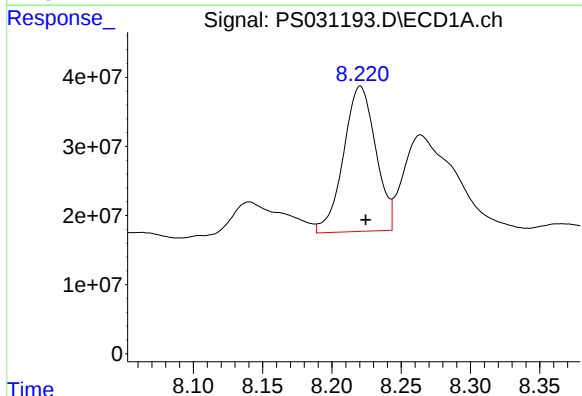
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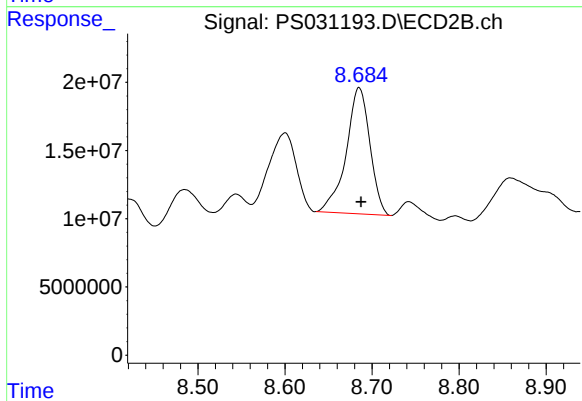
#6 MCPP

R.T.: 8.068 min
Delta R.T.: 0.002 min
Response: 116697277
Conc: 56.16 ug/ml m



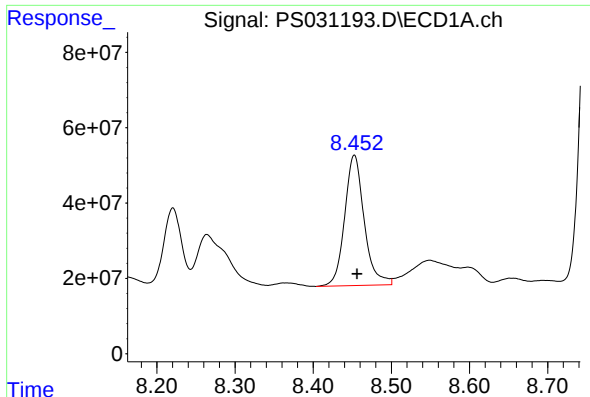
#8 DICHLORPROP

R.T.: 8.220 min
Delta R.T.: -0.004 min
Response: 340352858
Conc: 89.05 ng/ml



#8 DICHLORPROP

R.T.: 8.685 min
Delta R.T.: -0.002 min
Response: 175670323
Conc: 115.96 ng/ml



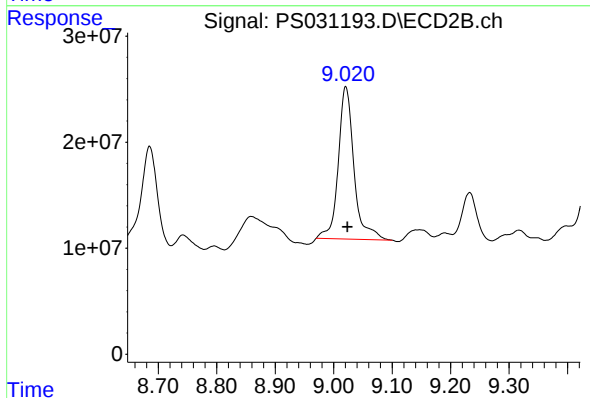
#9 2,4-D

R.T.: 8.453 min
Delta R.T.: -0.004 min
Response: 601375508
Conc: 161.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
OU4-TS-Denali-070925MSRE

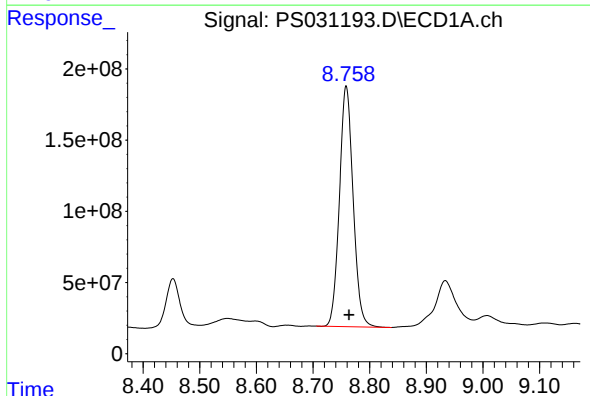
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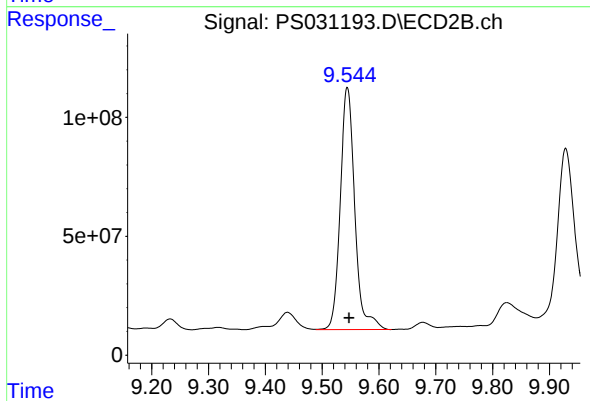
#9 2,4-D

R.T.: 9.021 min
Delta R.T.: -0.003 min
Response: 268239932
Conc: 157.94 ng/ml



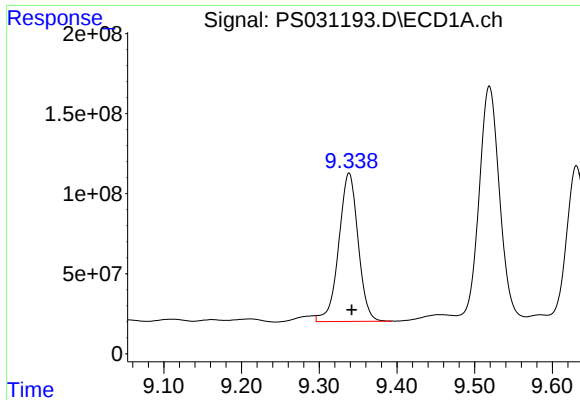
#10 Pentachlorophenol

R.T.: 8.759 min
Delta R.T.: -0.005 min
Response: 2839606952
Conc: 51.99 ng/ml



#10 Pentachlorophenol

R.T.: 9.544 min
Delta R.T.: -0.003 min
Response: 1809646654
Conc: 46.30 ng/ml



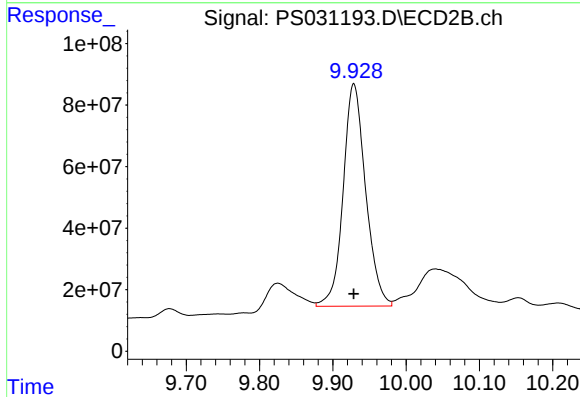
#11 2,4,5-TP (SILVEX)

R.T.: 9.338 min
Delta R.T.: -0.004 min
Response: 1604439420
Conc: 73.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
OU4-TS-Denali-070925MSRE

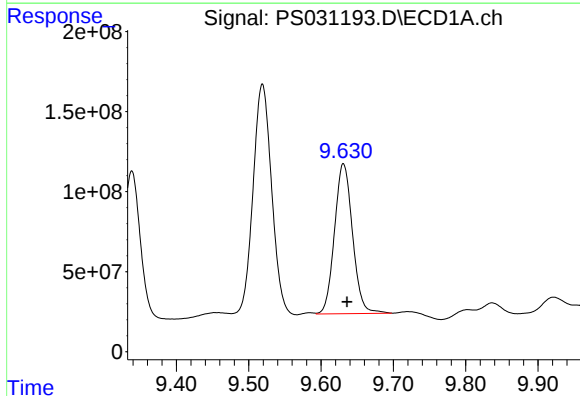
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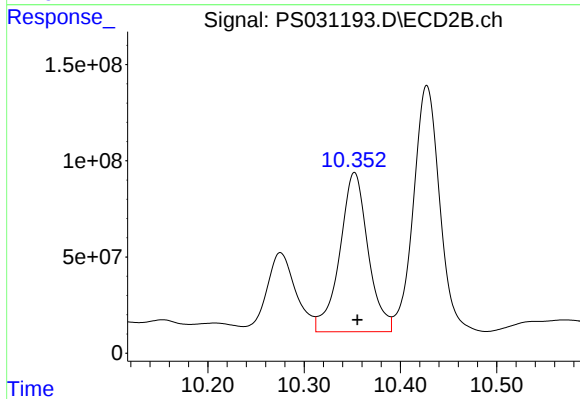
#11 2,4,5-TP (SILVEX)

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 1541798597
Conc: 103.52 ng/ml m



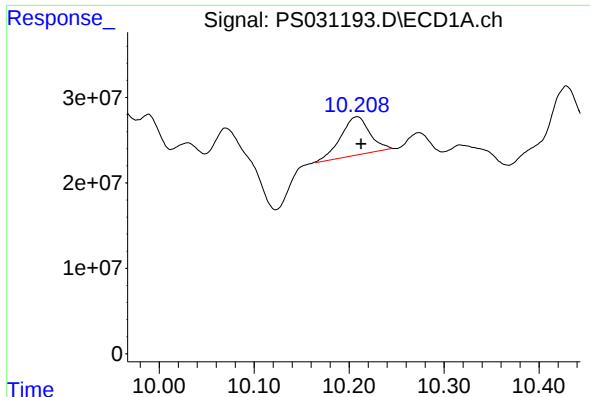
#12 2,4,5-T

R.T.: 9.630 min
Delta R.T.: -0.006 min
Response: 1624323648
Conc: 83.18 ng/ml m



#12 2,4,5-T

R.T.: 10.352 min
Delta R.T.: -0.003 min
Response: 1686964982
Conc: 118.64 ng/ml



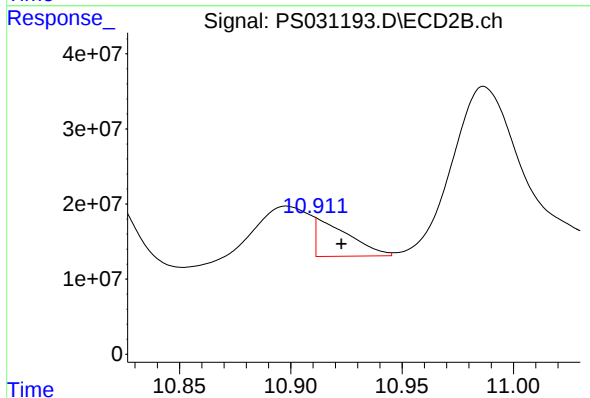
#13 2,4-DB

R.T.: 10.208 min
Delta R.T.: -0.004 min
Response: 95887840
Conc: 32.07 ng/ml

Instrument :
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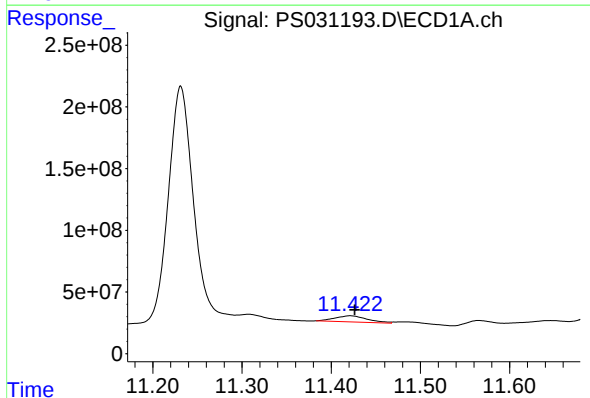
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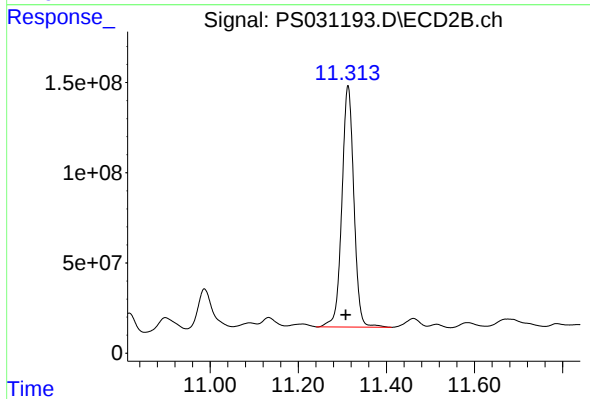
#13 2,4-DB

R.T.: 10.911 min
Delta R.T.: -0.012 min
Response: 51022373
Conc: 43.59 ng/ml m



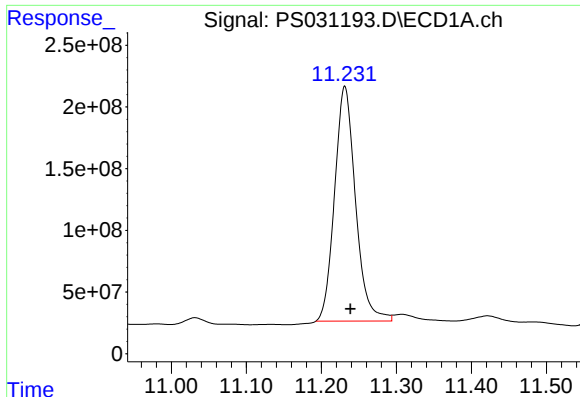
#14 DINOSEB

R.T.: 11.421 min
Delta R.T.: -0.005 min
Response: 124247626
Conc: 7.98 ng/ml



#14 DINOSEB

R.T.: 11.313 min
Delta R.T.: 0.005 min
Response: 2524927349
Conc: 223.40 ng/ml



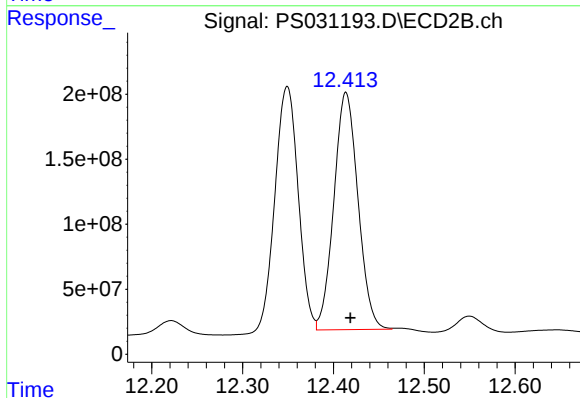
#15 Picloram

R.T.: 11.231 min
Delta R.T.: -0.007 min
Response: 3691963320
Conc: 184.54 ng/ml

Instrument :
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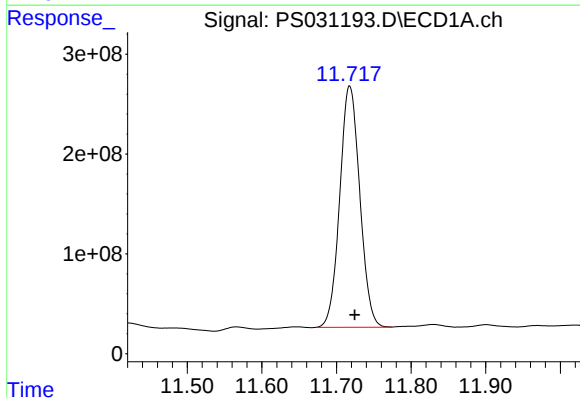
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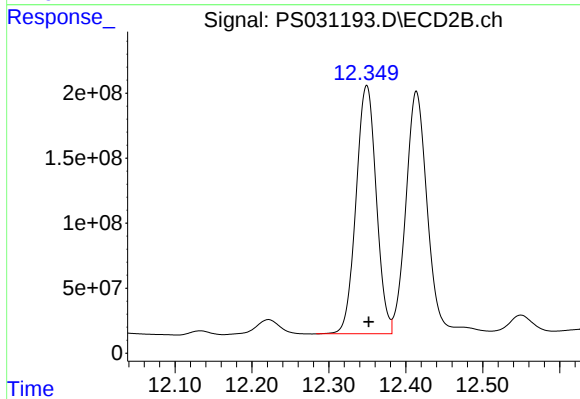
#15 Picloram

R.T.: 12.413 min
Delta R.T.: -0.005 min
Response: 3367987393
Conc: 135.29 ng/ml m



#16 DCPA

R.T.: 11.718 min
Delta R.T.: -0.007 min
Response: 4510178434
Conc: 157.18 ng/ml



#16 DCPA

R.T.: 12.349 min
Delta R.T.: -0.003 min
Response: 3492850043
Conc: 151.63 ng/ml m