

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091225\
 Data File : PS031727.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2025 17:33
 Operator : AR\AJ
 Sample : Q3054-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MH-385MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/15/2025
 Supervised By : mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 02:26:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.284	7.743	1525.4E6	380.5E6	423.546	418.690
Target Compounds							
1) T	Dalapon	2.643f	2.655f	973.1E6	686.6E6	168.341m	243.677m#
2) T	3,5-DICHL...	6.452	6.696	1581.9E6	358.5E6	296.612	235.093
3) T	4-Nitroph...	7.094	7.300	129.4E6	325.2E6	117.259	257.514 #
5) T	DICAMBA	7.468	7.938	4429.2E6	1748.7E6	283.983	268.747m
6) T	MCPD	7.646	8.037	192.8E6	49377998	21.573	26.217
7) T	MCPA	7.794	8.280	310.1E6	65396221	27.908	23.346
8) T	DICHLORPROP	8.176	8.658	1072.9E6	420.3E6	301.218	288.864
9) T	2,4-D	8.412	8.999	1426.4E6	530.0E6	416.389	322.157
10) T	Pentachlo...	8.708	9.509	14687.2E6	10077.7E6	276.627	253.908
11) T	2,4,5-TP ...	9.286	9.892	5827.9E6	4712.6E6	277.868	313.042
12) T	2,4,5-T	9.581	10.322	5214.7E6	3800.6E6	284.983m	282.423m
13) T	2,4-DB	10.157	10.889	608.5E6	284.6E6	260.847m	265.976m
14) T	DINOSEB	11.355	11.271	688.5E6	668.9E6	47.737m	68.815m#
15) T	Picloram	11.183	12.385	5611.5E6	5536.1E6	311.556m	233.754
16) T	DCPA	11.649	12.306	5920.9E6	6805.0E6	219.700	282.318m#

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

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Operator : AR\AJ
Sample : Q3054-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

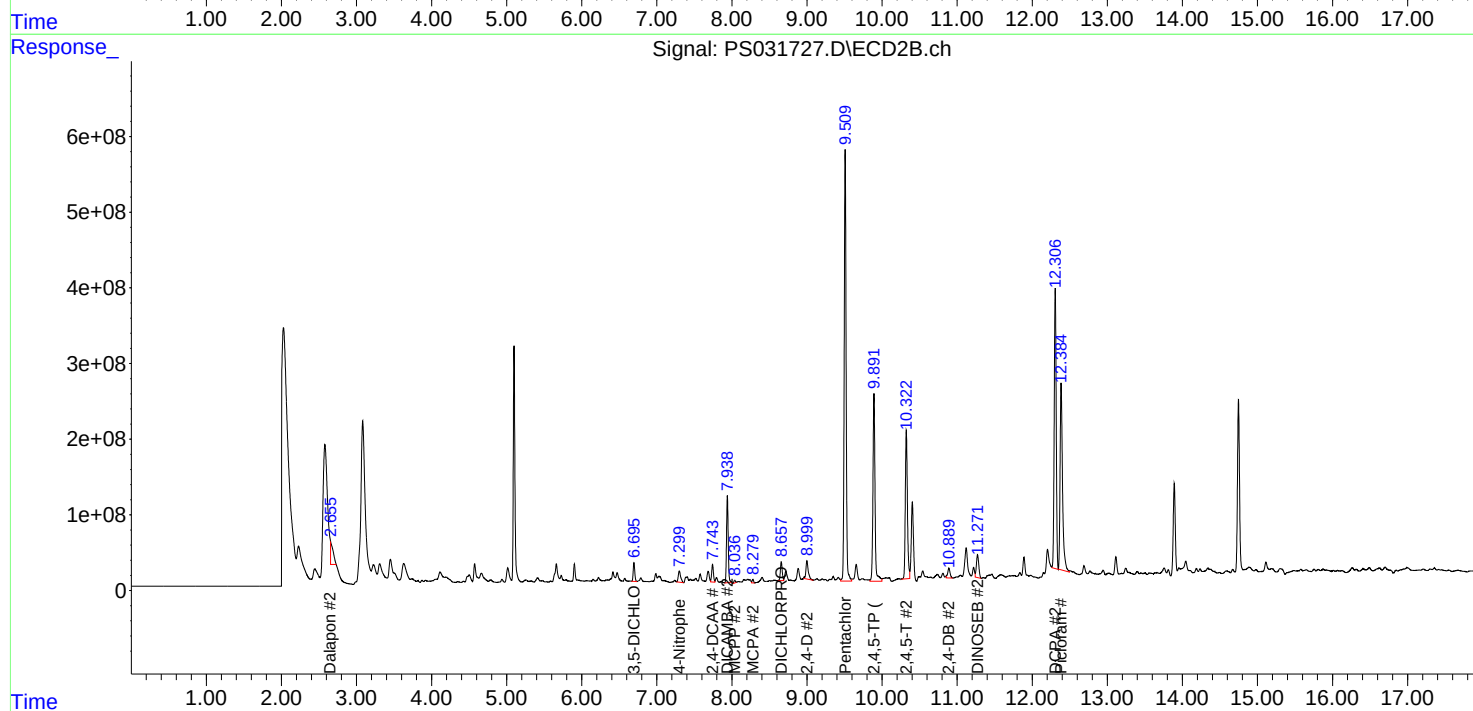
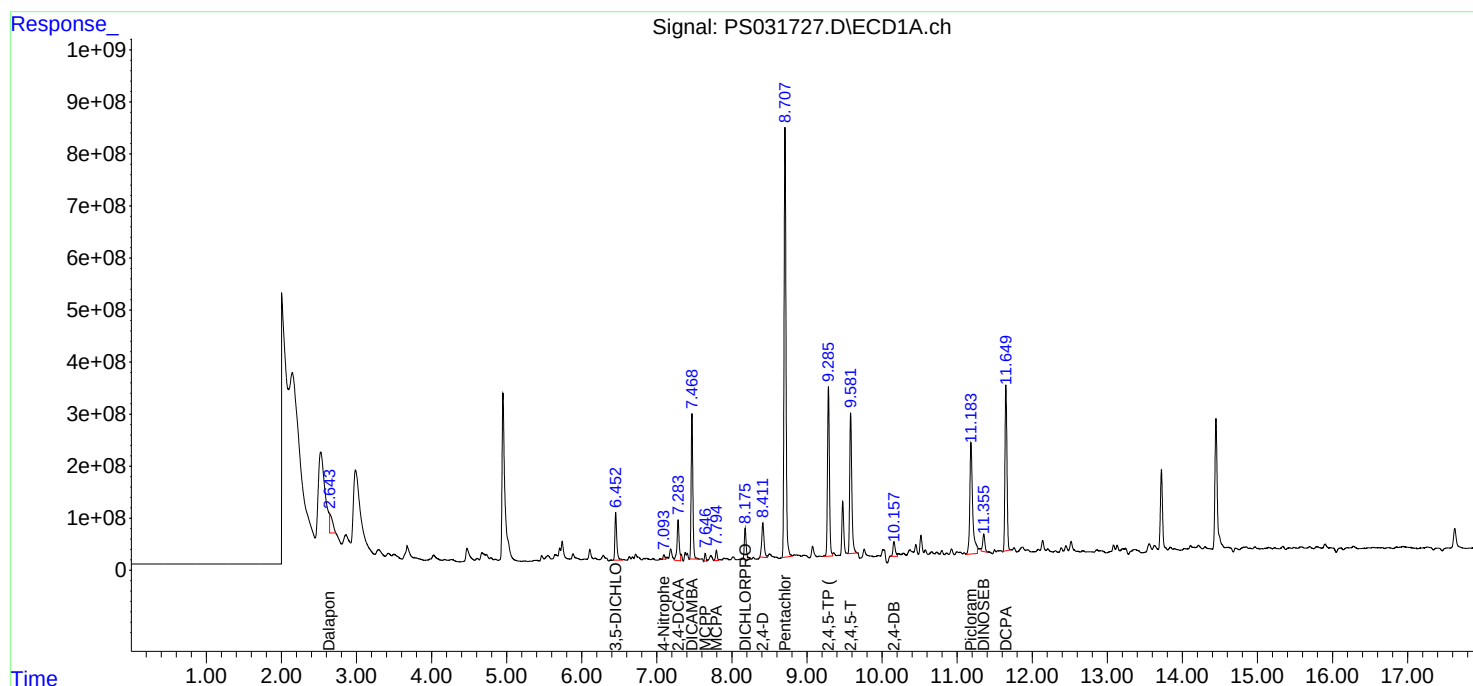
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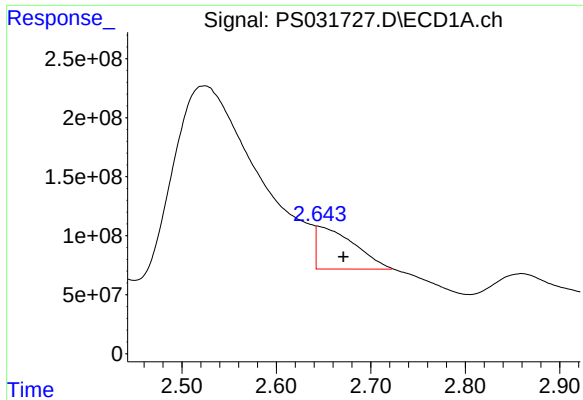
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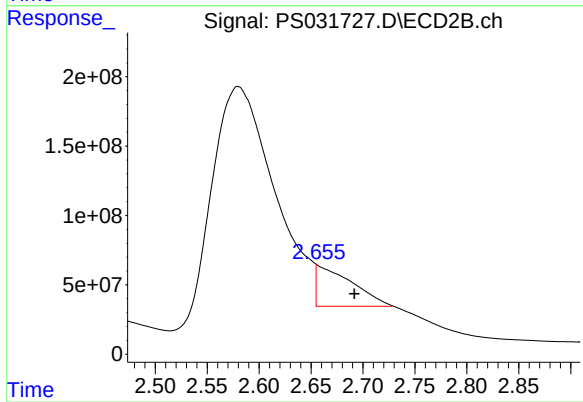
#1 Dalapon

R.T.: 2.643 min
Delta R.T.: -0.028 min
Response: 973137251
Conc: 168.34 ng/ml

Instrument :
ECD_S
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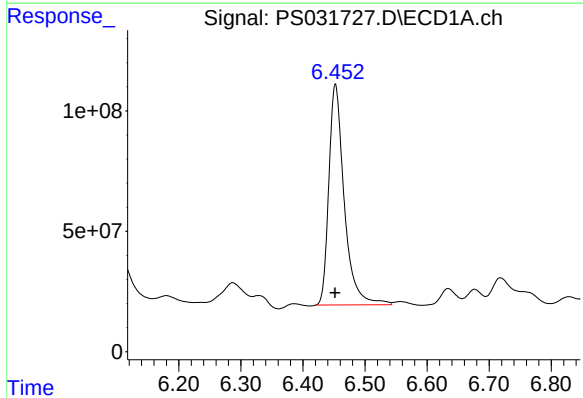
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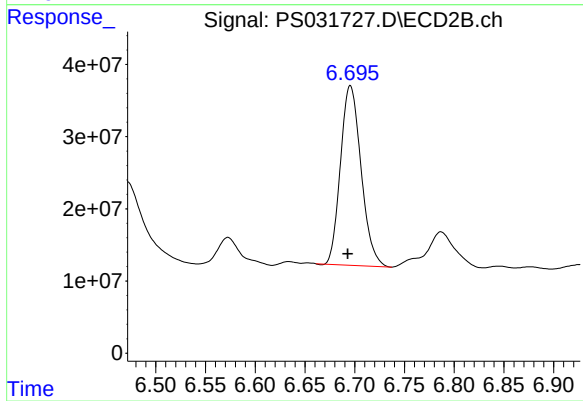
#1 Dalapon

R.T.: 2.655 min
Delta R.T.: -0.037 min
Response: 686591236
Conc: 243.68 ng/ml m



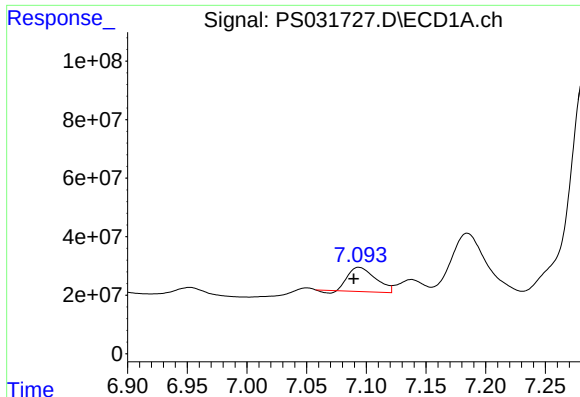
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 1581939984
Conc: 296.61 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: 0.003 min
Response: 358509241
Conc: 235.09 ng/ml



#3 4-Nitrophenol

R.T.: 7.094 min
Delta R.T.: 0.004 min
Response: 129361726
Conc: 117.26 ng/ml

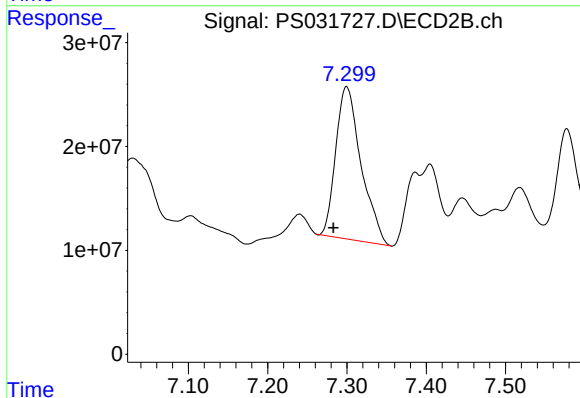
Instrument :

ECD_S

ClientSampleId :
MH-385MS

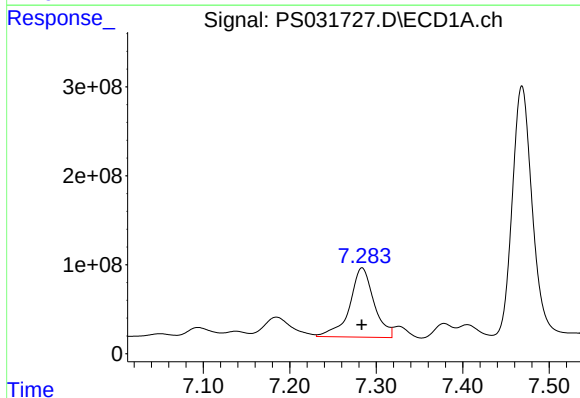
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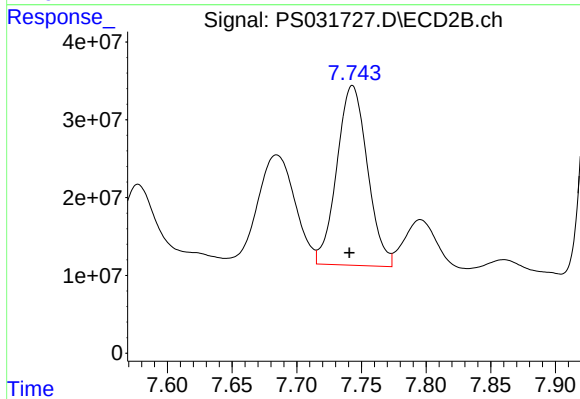
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.017 min
Response: 325184548
Conc: 257.51 ng/ml



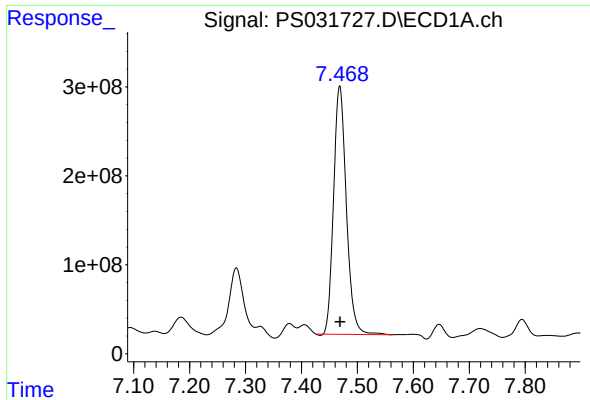
#4 2,4-DCAA

R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 1525413602
Conc: 423.55 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: 0.002 min
Response: 380547025
Conc: 418.69 ng/ml



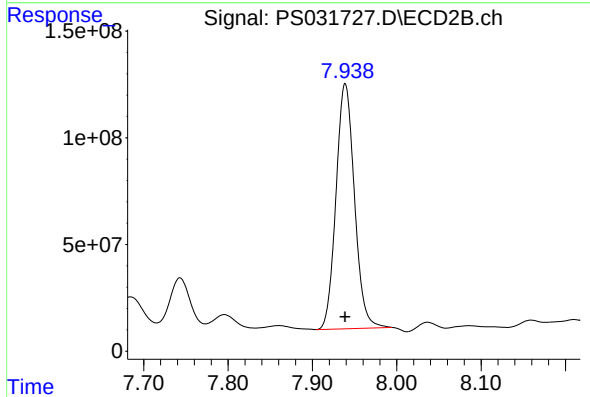
#5 DICAMBA

R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 4429203929
Conc: 283.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-385MS

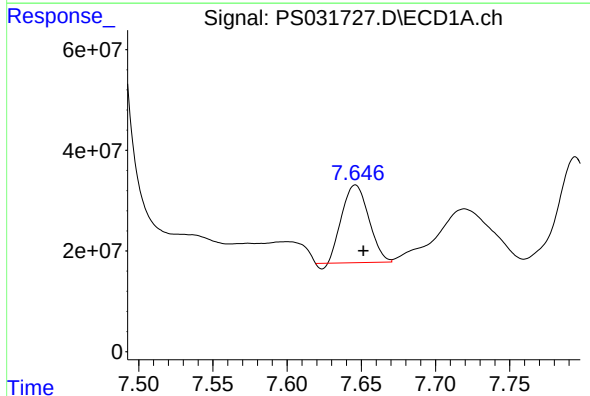
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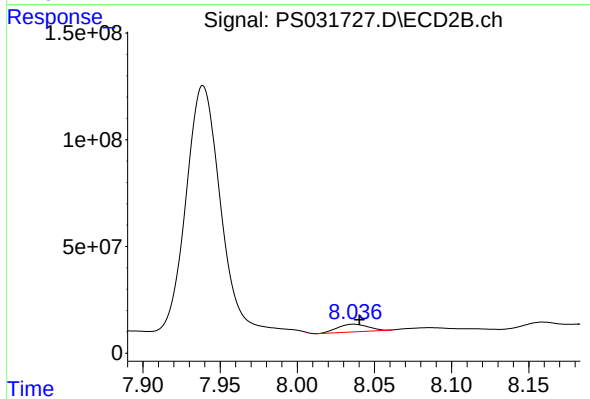
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 1748694165
Conc: 268.75 ng/ml m



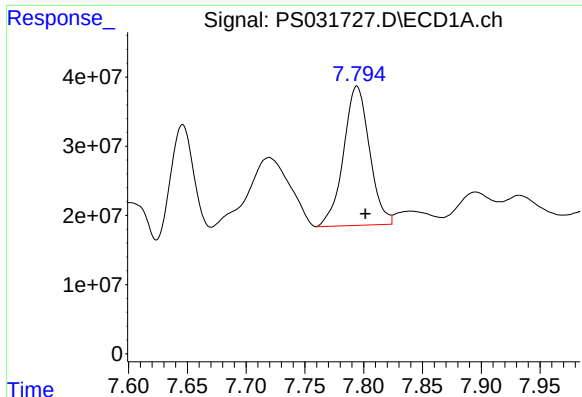
#6 MCP

R.T.: 7.646 min
Delta R.T.: -0.005 min
Response: 192844295
Conc: 21.57 ug/ml



#6 MCP

R.T.: 8.037 min
Delta R.T.: -0.004 min
Response: 49377998
Conc: 26.22 ug/ml



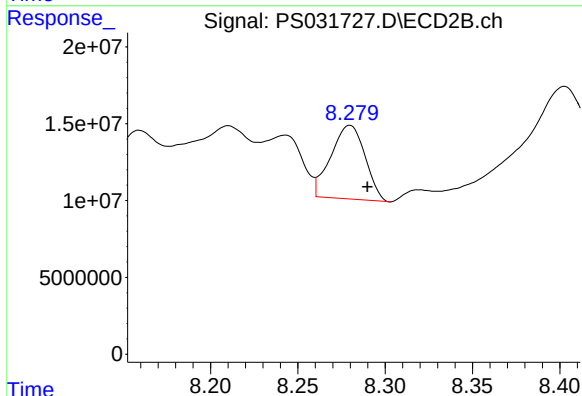
#7 MCPA

R.T.: 7.794 min
Delta R.T.: -0.007 min
Response: 310068669
Conc: 27.91 ug/ml

Instrument :
ECD_S
ClientSampleId :
MH-385MS

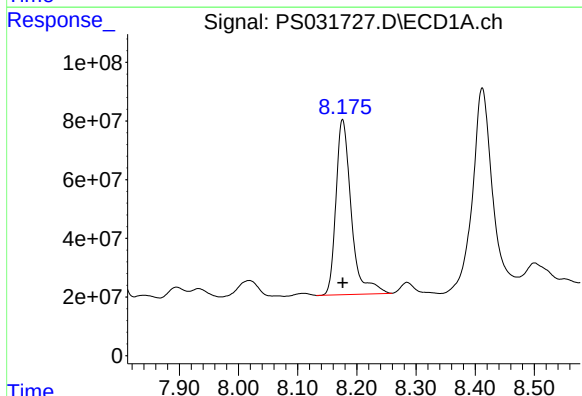
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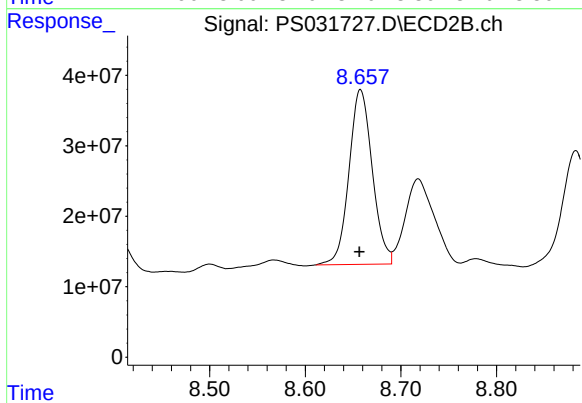
#7 MCPA

R.T.: 8.280 min
Delta R.T.: -0.010 min
Response: 65396221
Conc: 23.35 ug/ml



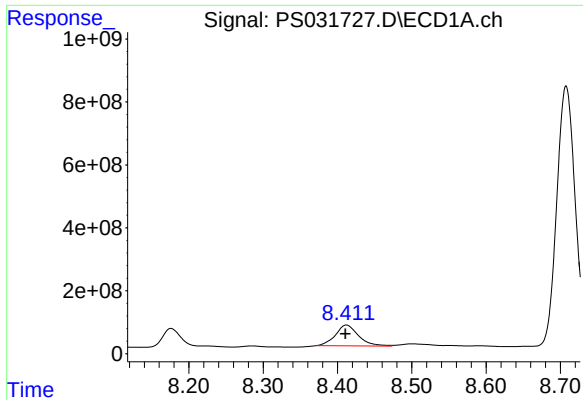
#8 DICHLORPROP

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 1072867807
Conc: 301.22 ng/ml



#8 DICHLORPROP

R.T.: 8.658 min
Delta R.T.: 0.001 min
Response: 420314010
Conc: 288.86 ng/ml



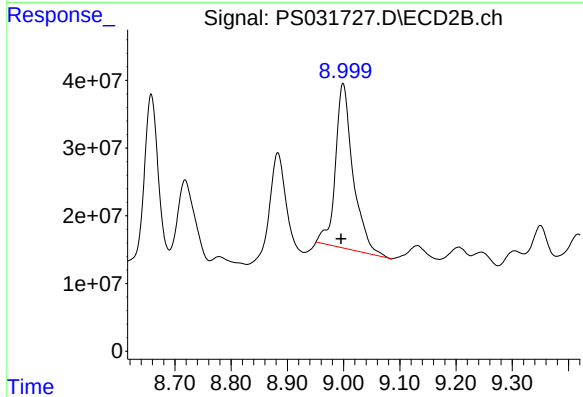
#9 2,4-D

R.T.: 8.412 min
Delta R.T.: 0.001 min
Response: 1426400073
Conc: 416.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-385MS

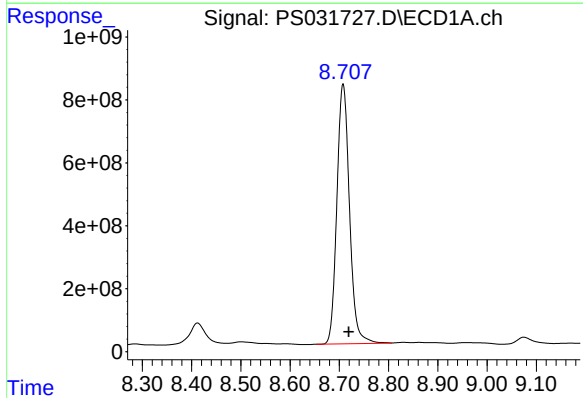
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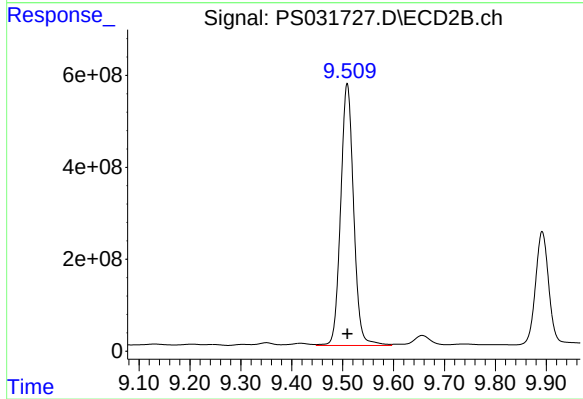
#9 2,4-D

R.T.: 8.999 min
Delta R.T.: 0.003 min
Response: 529984356
Conc: 322.16 ng/ml



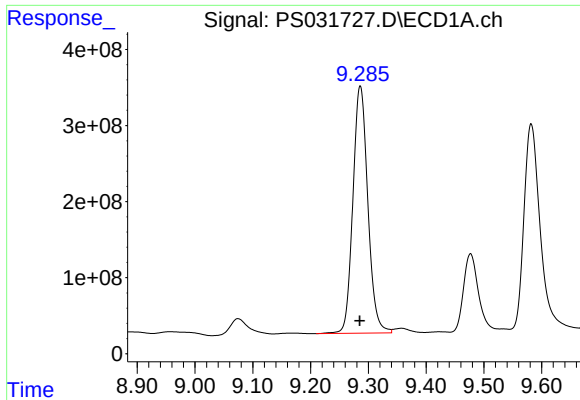
#10 Pentachlorophenol

R.T.: 8.708 min
Delta R.T.: -0.011 min
Response: 14687200236
Conc: 276.63 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: 0.000 min
Response: 10077742073
Conc: 253.91 ng/ml



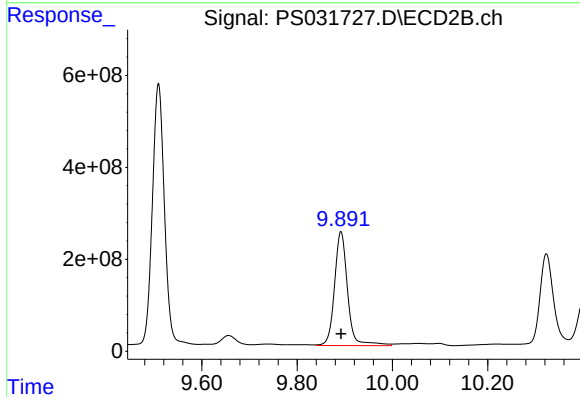
#11 2,4,5-TP (SILVEX)

R.T.: 9.286 min
Delta R.T.: 0.000 min
Response: 5827914559
Conc: 277.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-385MS

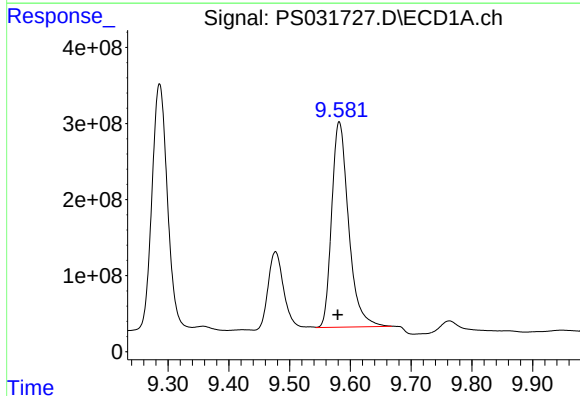
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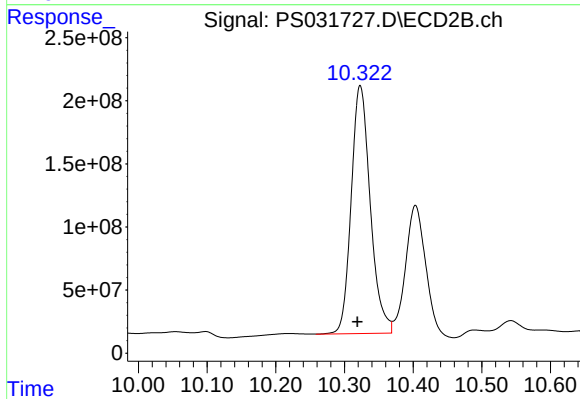
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: 0.000 min
Response: 4712632085
Conc: 313.04 ng/ml



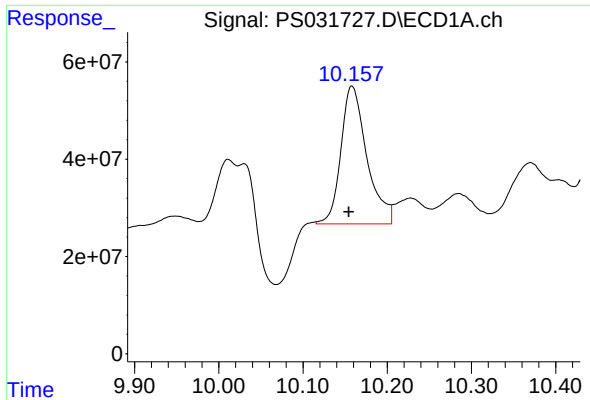
#12 2,4,5-T

R.T.: 9.581 min
Delta R.T.: 0.002 min
Response: 5214672323
Conc: 284.98 ng/ml m



#12 2,4,5-T

R.T.: 10.322 min
Delta R.T.: 0.003 min
Response: 3800566438
Conc: 282.42 ng/ml m



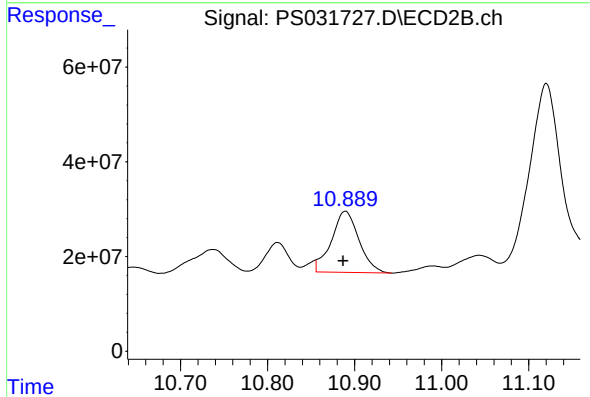
#13 2,4-DB

R.T.: 10.157 min
Delta R.T.: 0.003 min
Response: 608495408
Conc: 260.85 ng/ml

Instrument :
ECD_S
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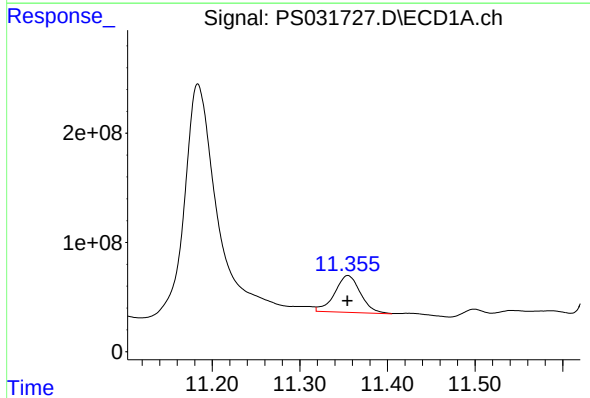
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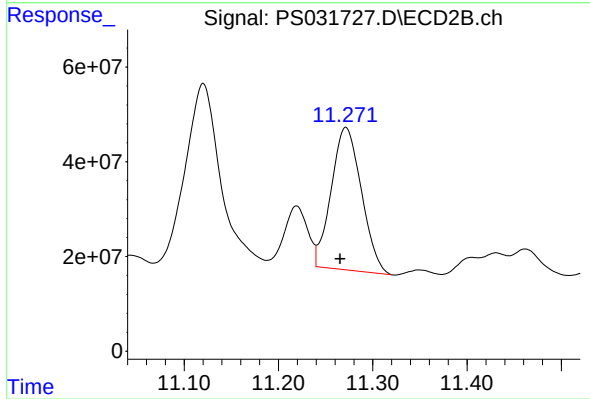
#13 2,4-DB

R.T.: 10.889 min
Delta R.T.: 0.003 min
Response: 284605983
Conc: 265.98 ng/ml m



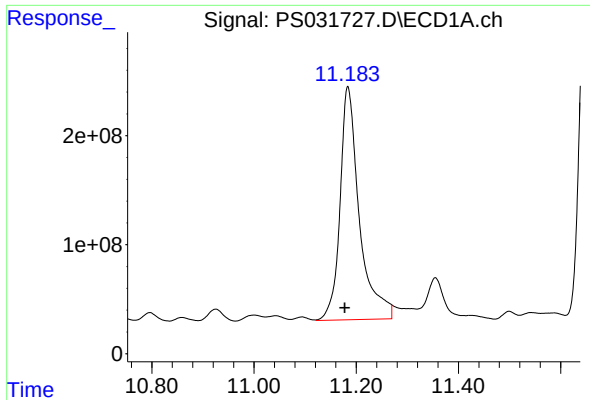
#14 DINOSEB

R.T.: 11.355 min
Delta R.T.: 0.000 min
Response: 688502650
Conc: 47.74 ng/ml m



#14 DINOSEB

R.T.: 11.271 min
Delta R.T.: 0.006 min
Response: 668929962
Conc: 68.82 ng/ml m



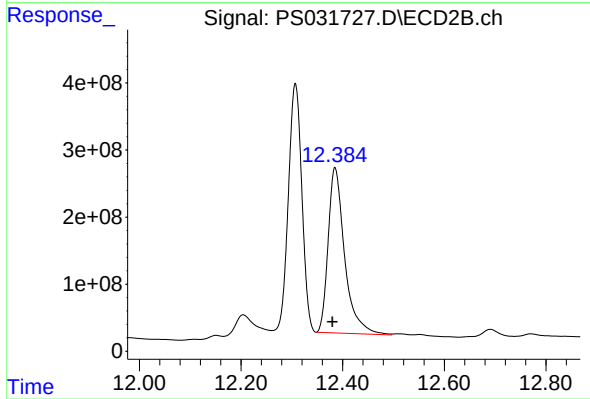
#15 Picloram

R.T.: 11.183 min
Delta R.T.: 0.005 min
Response: 5611458997
Conc: 311.56 ng/ml

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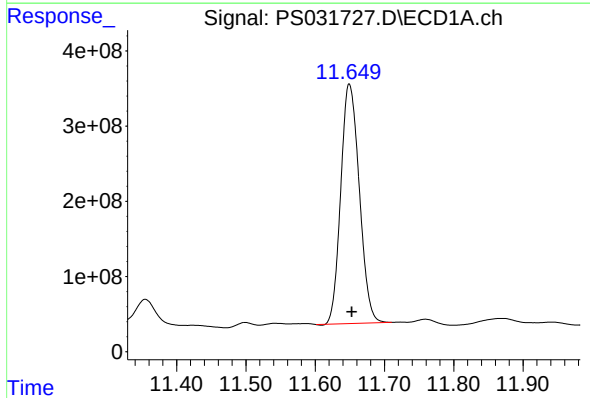
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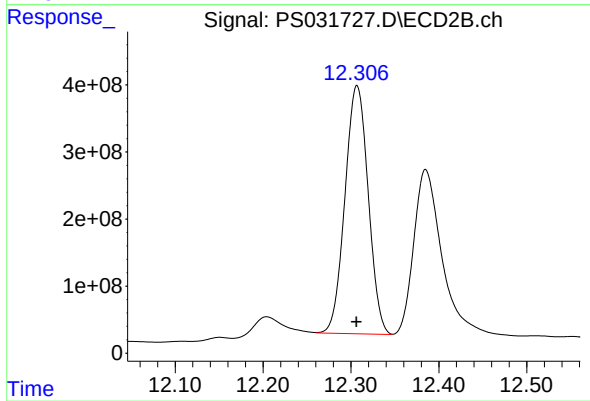
#15 Picloram

R.T.: 12.385 min
Delta R.T.: 0.005 min
Response: 5536062989
Conc: 233.75 ng/ml



#16 DCPA

R.T.: 11.649 min
Delta R.T.: -0.003 min
Response: 5920901533
Conc: 219.70 ng/ml



#16 DCPA

R.T.: 12.306 min
Delta R.T.: 0.000 min
Response: 6805021386
Conc: 282.32 ng/ml m