

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS111225\
 Data File : PS032389.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Nov 2025 23:41
 Operator : AR\AJ
 Sample : Q3604-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 S-1MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/13/2025
 Supervised By :Yogesh Patel 11/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 13 00:17:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS110325.M
 Quant Title : 8080.M
 QLast Update : Tue Nov 04 04:59:50 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	7.281	7.616	1521.3E6	1714.3E6	335.725m	470.250 #
Target Compounds							
1) T	Dalapon	2.645	2.607	515.4E6	3245.6E6	71.799m	466.728m#
2) T	3,5-DICHL...	6.449	6.587	1381.5E6	1091.3E6	213.652	181.611
5) T	DICAMBA	7.464	7.807	3978.3E6	3968.3E6	210.868	229.749
6) T	MCPD	7.638	7.901	182.2E6	244.1E6	16.735	18.352
7) T	MCPA	7.787	8.145	331.3E6	293.7E6	24.674	18.014 #
8) T	DICHLORPROP	8.173	8.522	1097.8E6	1058.0E6	246.757	221.835
9) T	2,4-D	8.417	8.868	1023.3E6	1462.1E6	226.808	278.729
10) T	Pentachlo...	8.700	9.358	11729.8E6	11217.1E6	186.961	191.083
11) T	2,4,5-TP ...	9.278	9.745	6674.4E6	10254.8E6	256.592	381.873 #
12) T	2,4,5-T	9.581	10.177	5658.1E6	5875.0E6	237.356	247.703
13) T	2,4-DB	10.159	10.743	626.4E6	781.7E6	237.708	207.264
14) T	DINOSEB	11.342	11.107	1830.0E6	1651.7E6	87.948m	93.384m
15) T	Picloram	11.197	12.235	4088.5E6	7642.7E6	192.623m	205.548
16) T	DCPA	11.641	12.140	8294.6E6	8544.6E6	247.217	268.188

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

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Acq On : 12 Nov 2025 23:41
Operator : AR\AJ
Sample : Q3604-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

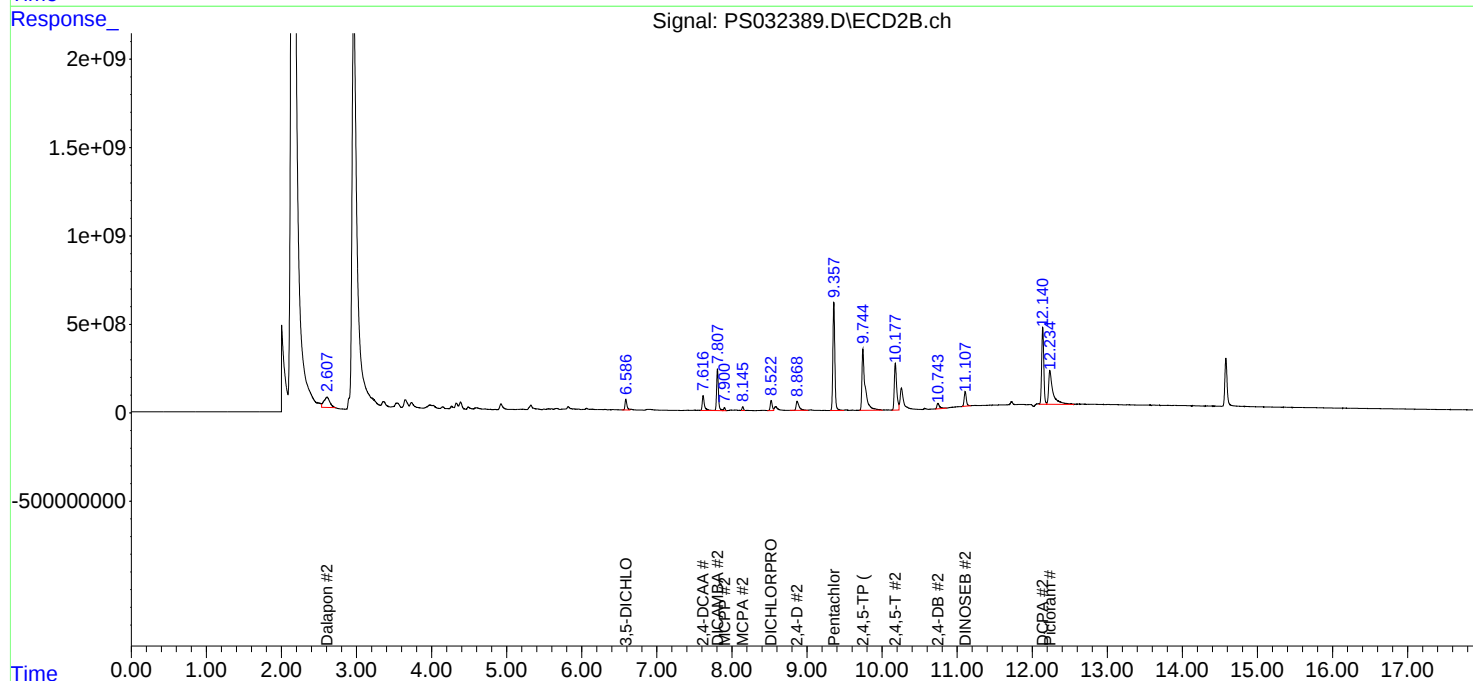
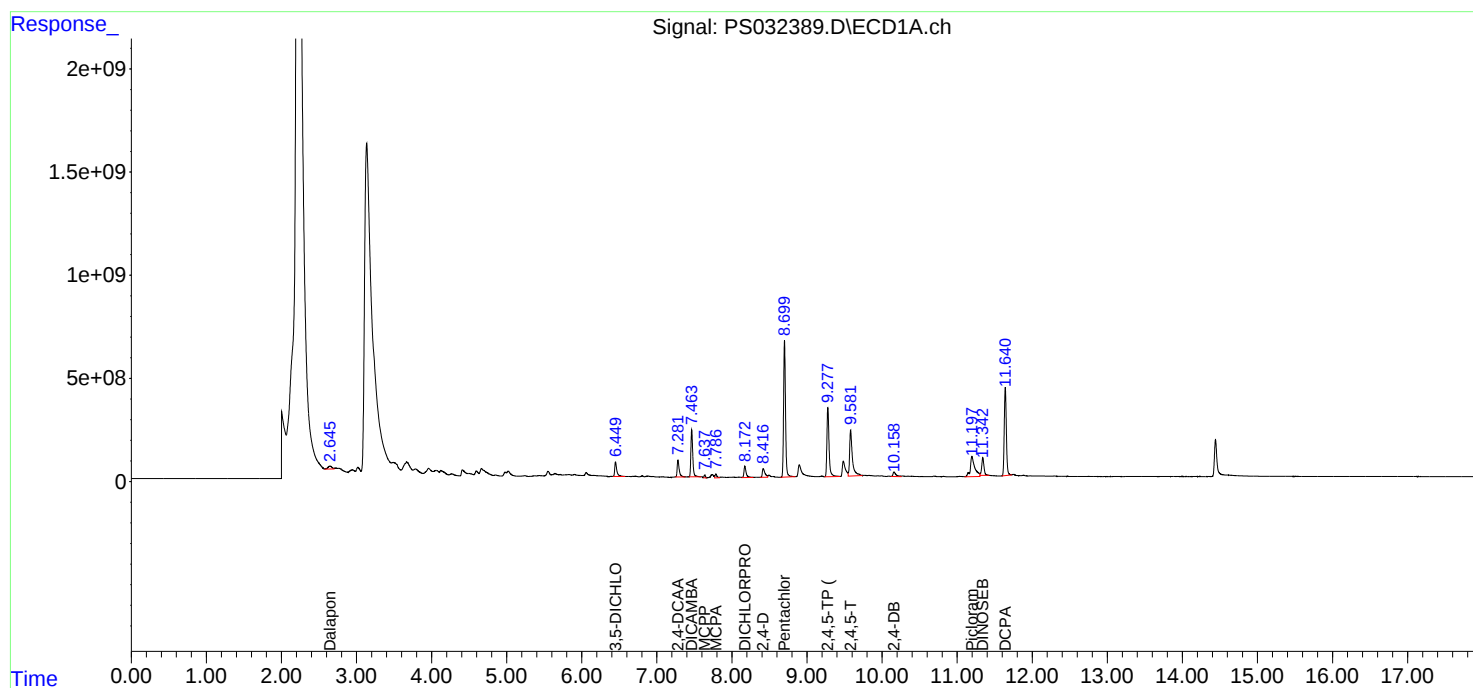
Instrument :
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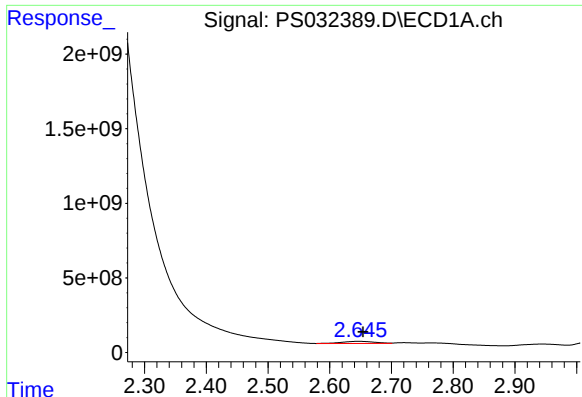
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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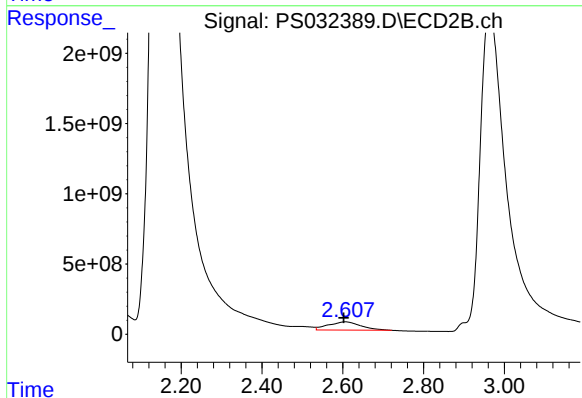
#1 Dalapon

R.T.: 2.645 min
Delta R.T.: -0.009 min
Response: 515425313
Conc: 71.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
S-1MSD

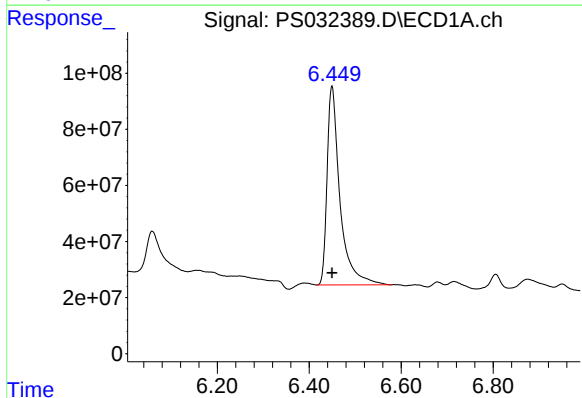
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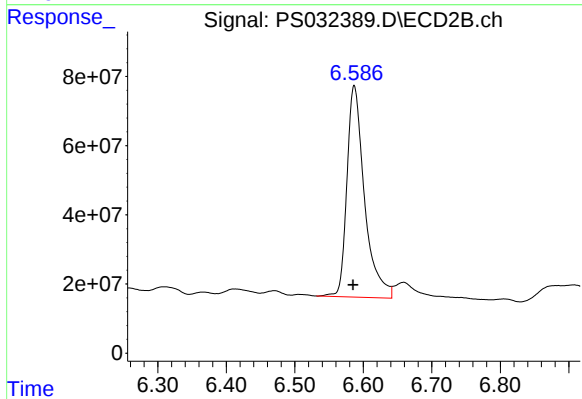
#1 Dalapon

R.T.: 2.607 min
Delta R.T.: 0.004 min
Response: 3245624982
Conc: 466.73 ng/ml m



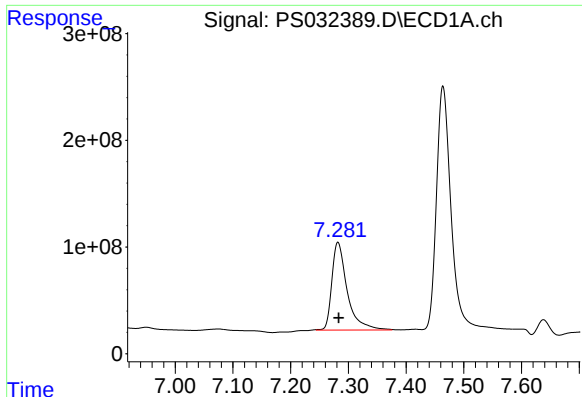
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.449 min
Delta R.T.: 0.000 min
Response: 1381518723
Conc: 213.65 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.587 min
Delta R.T.: 0.002 min
Response: 1091286885
Conc: 181.61 ng/ml



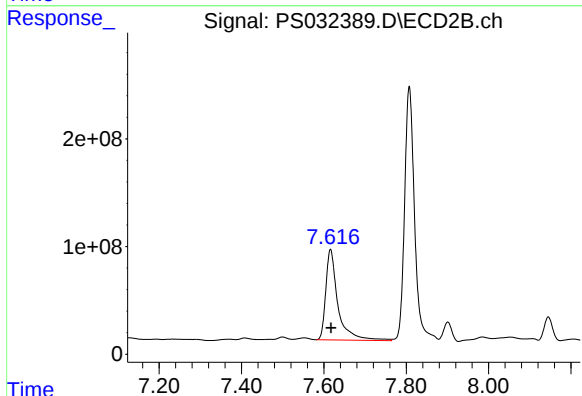
#4 2,4-DCAA

R.T.: 7.281 min
Delta R.T.: -0.002 min
Response: 1521262829
Conc: 335.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
S-1MSD

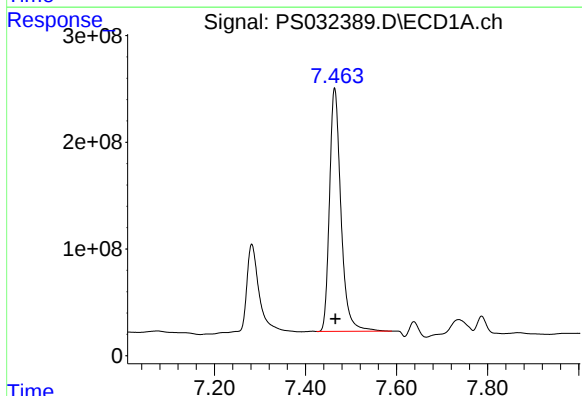
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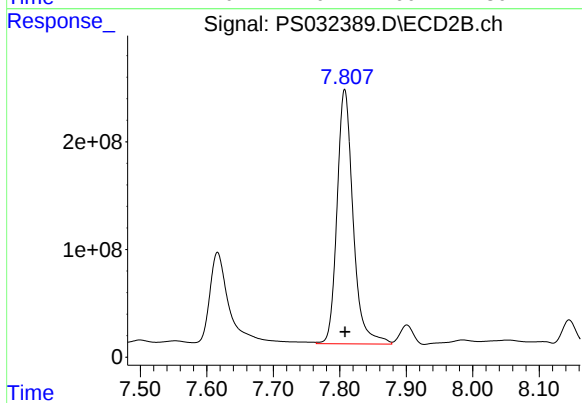
#4 2,4-DCAA

R.T.: 7.616 min
Delta R.T.: -0.001 min
Response: 1714295032
Conc: 470.25 ng/ml



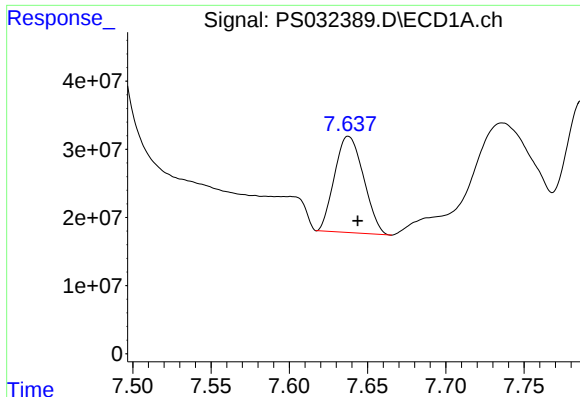
#5 DICAMBA

R.T.: 7.464 min
Delta R.T.: -0.002 min
Response: 3978277938
Conc: 210.87 ng/ml



#5 DICAMBA

R.T.: 7.807 min
Delta R.T.: 0.000 min
Response: 3968331928
Conc: 229.75 ng/ml



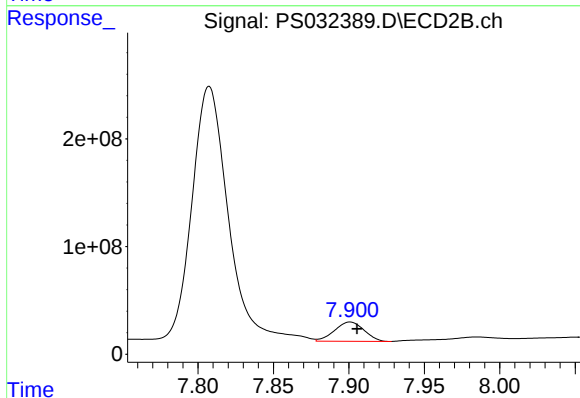
#6 MCPP

R.T.: 7.638 min
Delta R.T.: -0.006 min
Response: 182248976
Conc: 16.74 ug/ml

Instrument :
ECD_S
ClientSampleId :
S-1MSD

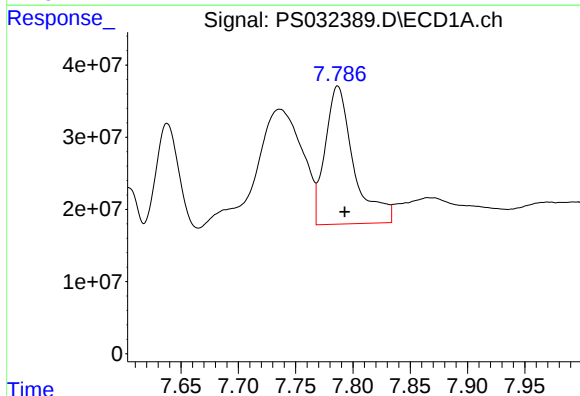
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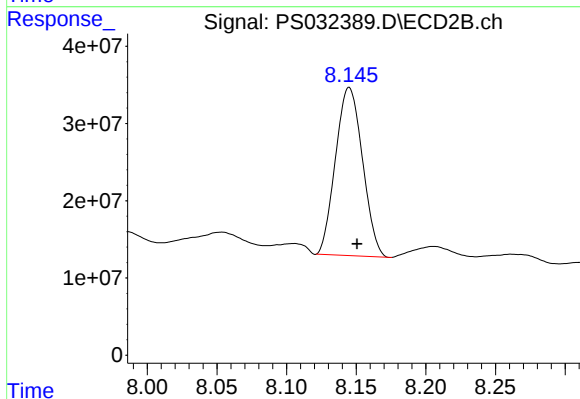
#6 MCPP

R.T.: 7.901 min
Delta R.T.: -0.005 min
Response: 244093400
Conc: 18.35 ug/ml



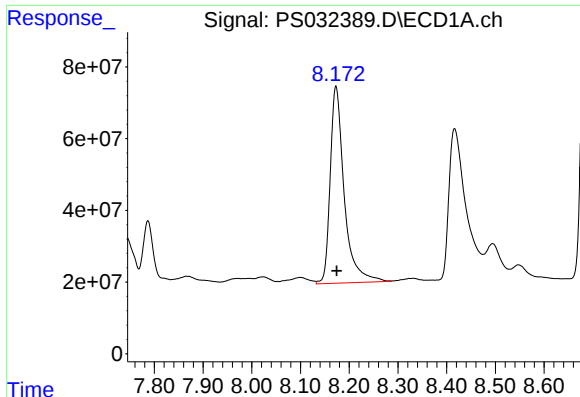
#7 MCPA

R.T.: 7.787 min
Delta R.T.: -0.006 min
Response: 331264917
Conc: 24.67 ug/ml



#7 MCPA

R.T.: 8.145 min
Delta R.T.: -0.006 min
Response: 293700642
Conc: 18.01 ug/ml



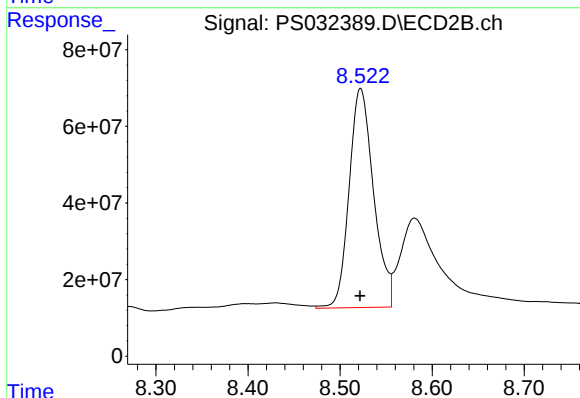
#8 DICHLORPROP

R.T.: 8.173 min
Delta R.T.: 0.000 min
Response: 1097760597
Conc: 246.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
S-1MSD

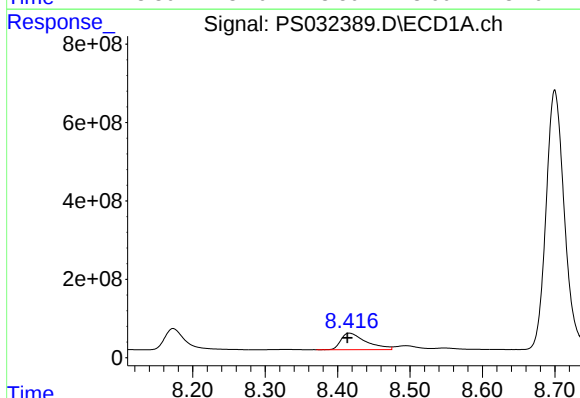
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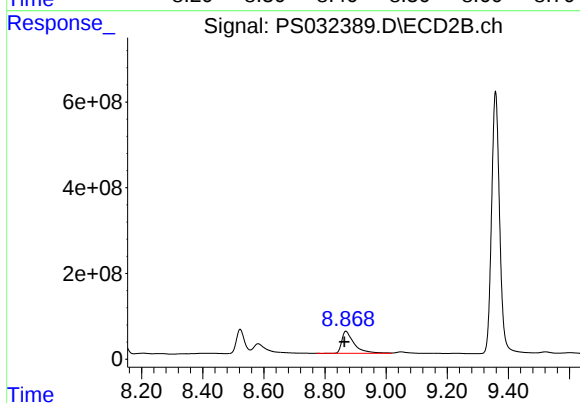
#8 DICHLORPROP

R.T.: 8.522 min
Delta R.T.: 0.000 min
Response: 1057964410
Conc: 221.84 ng/ml



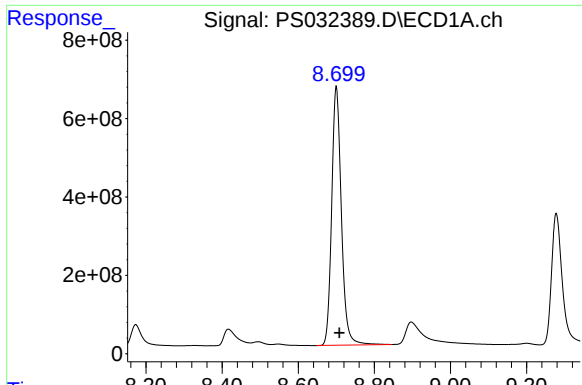
#9 2,4-D

R.T.: 8.417 min
Delta R.T.: 0.003 min
Response: 1023313254
Conc: 226.81 ng/ml



#9 2,4-D

R.T.: 8.868 min
Delta R.T.: 0.005 min
Response: 1462116332
Conc: 278.73 ng/ml



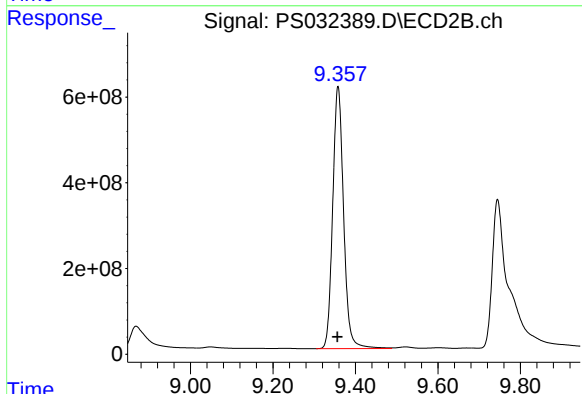
#10 Pentachlorophenol

R.T.: 8.700 min
Delta R.T.: -0.008 min
Response: 11729768270
Conc: 186.96 ng/ml

Instrument :
ECD_S
ClientSampleId :
S-1MSD

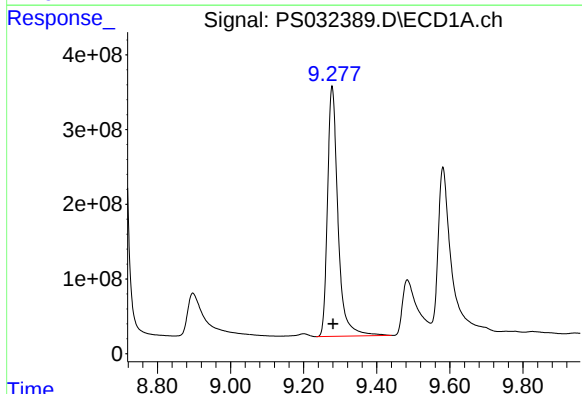
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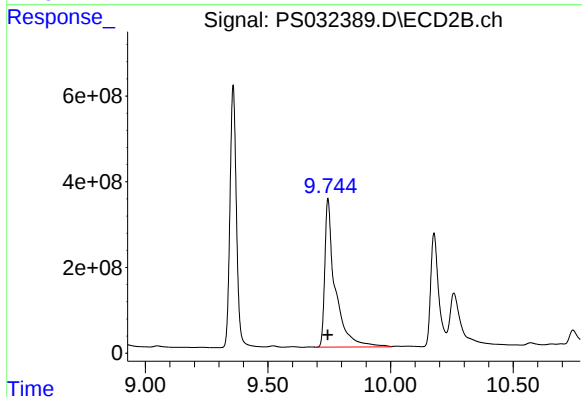
#10 Pentachlorophenol

R.T.: 9.358 min
Delta R.T.: 0.002 min
Response: 11217107749
Conc: 191.08 ng/ml



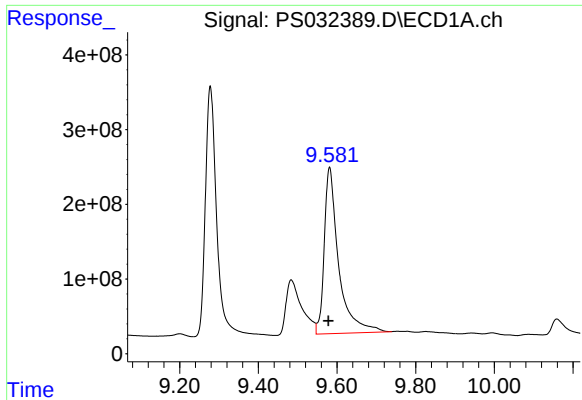
#11 2,4,5-TP (SILVEX)

R.T.: 9.278 min
Delta R.T.: -0.002 min
Response: 6674350508
Conc: 256.59 ng/ml



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

R.T.: 9.745 min
Delta R.T.: 0.000 min
Response: 10254786208
Conc: 381.87 ng/ml



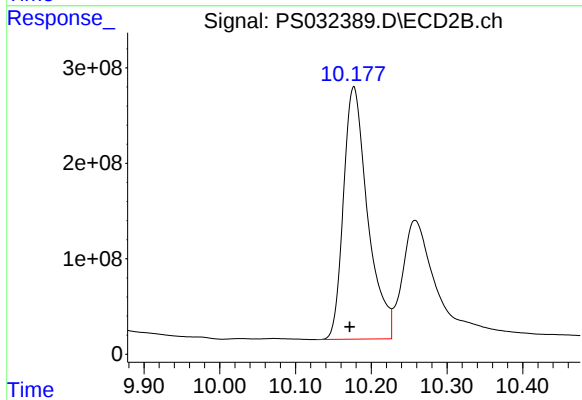
#12 2,4,5-T

R.T.: 9.581 min
Delta R.T.: 0.003 min
Response: 5658146208
Conc: 237.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
S-1MSD

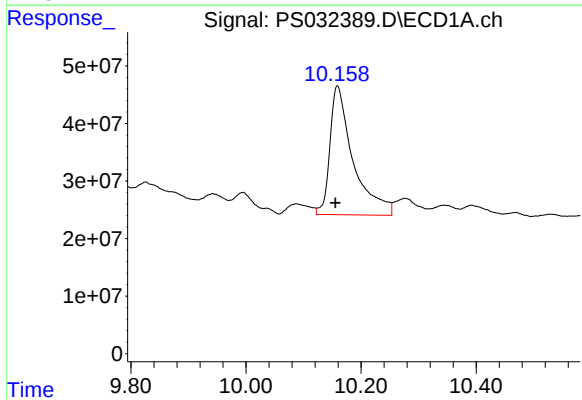
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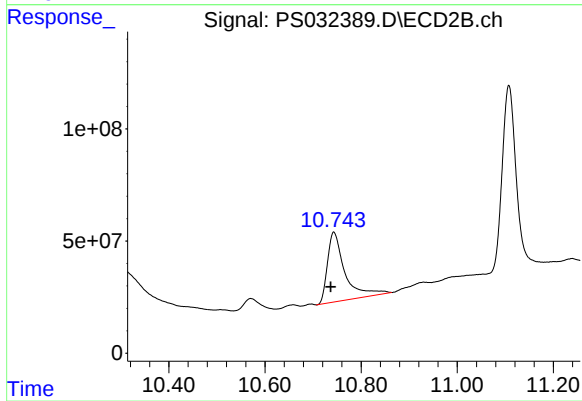
#12 2,4,5-T

R.T.: 10.177 min
Delta R.T.: 0.005 min
Response: 5875022616
Conc: 247.70 ng/ml



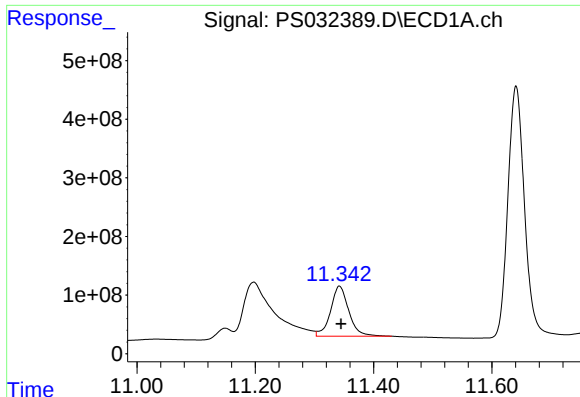
#13 2,4-DB

R.T.: 10.159 min
Delta R.T.: 0.004 min
Response: 626388488
Conc: 237.71 ng/ml



#13 2,4-DB

R.T.: 10.743 min
Delta R.T.: 0.006 min
Response: 781663436
Conc: 207.26 ng/ml



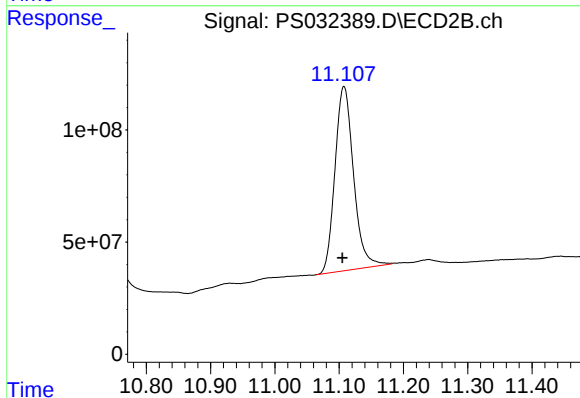
#14 DINOSEB

R.T.: 11.342 min
Delta R.T.: -0.004 min
Response: 1829982835
Conc: 87.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
S-1MSD

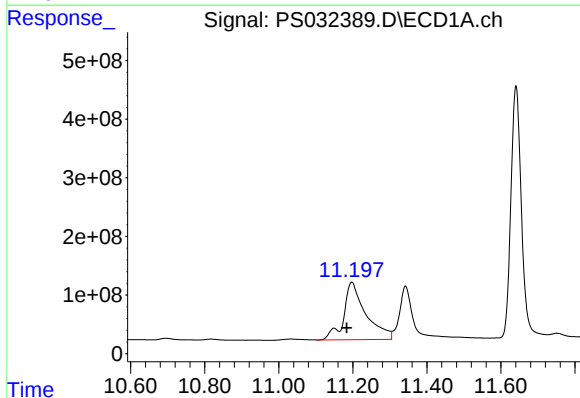
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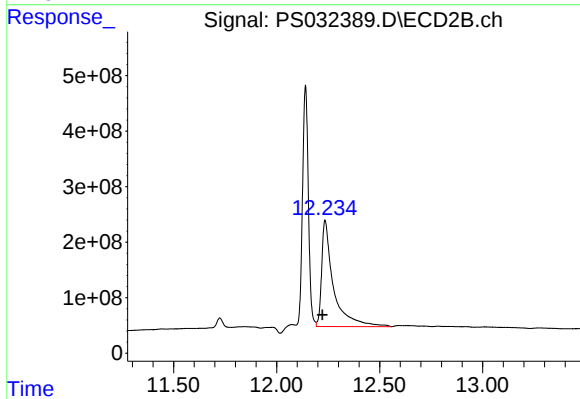
#14 DINOSEB

R.T.: 11.107 min
Delta R.T.: 0.002 min
Response: 1651723813
Conc: 93.38 ng/ml m



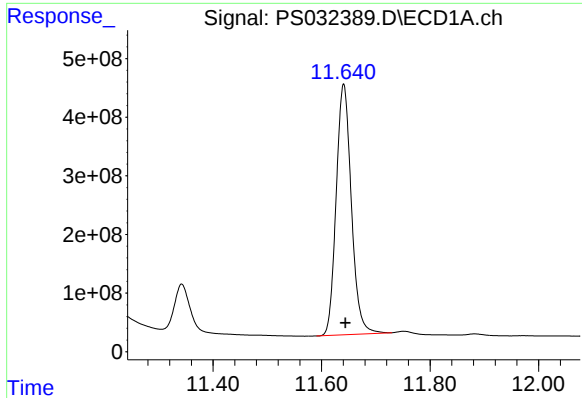
#15 Picloram

R.T.: 11.197 min
Delta R.T.: 0.013 min
Response: 4088535457
Conc: 192.62 ng/ml m



#15 Picloram

R.T.: 12.235 min
Delta R.T.: 0.012 min
Response: 7642704931
Conc: 205.55 ng/ml



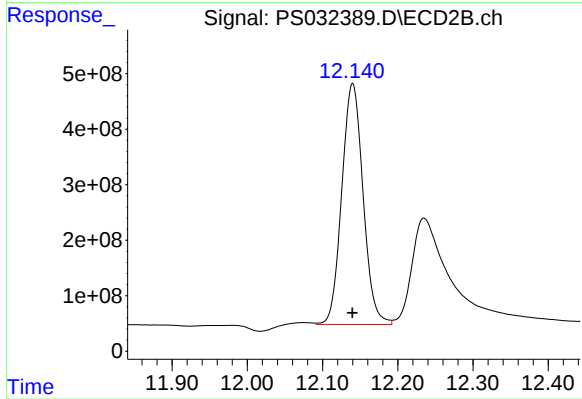
#16 DCPA

R.T.: 11.641 min
Delta R.T.: -0.004 min
Response: 8294639354
Conc: 247.22 ng/ml

Instrument :
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ClientSampleId :
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#16 DCPA

R.T.: 12.140 min
Delta R.T.: 0.000 min
Response: 8544611881
Conc: 268.19 ng/ml