

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101325\
 Data File : PS031996.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Oct 2025 16:06
 Operator : AR\AJ
 Sample : Q3297-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP1MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/14/2025
 Supervised By :mohammad ahmed 10/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 09:06:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 13 12:51:14 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	7.282	7.746	1117.4E6	314.2E6	234.398	285.557
Target Compounds							
1) T	Dalapon	2.654	2.702	1085.4E6	437.5E6	140.459m	116.412m
2) T	3,5-DICHL...	6.451	6.702	964.2E6	204.2E6	136.981	97.914 #
5) T	DICAMBA	7.465	7.939	2964.0E6	1252.7E6	141.530	144.636m
6) T	MCP	7.639	8.033	93591527	18041004	7.654	7.268m
7) T	MCPA	7.788	8.278	174.6E6	32513851	11.862	8.619 #
8) T	DICHLORPROP	8.174	8.660	761.4E6	321.8E6	160.164	164.315
9) T	2,4-D	8.415	9.003	807.5E6	428.1E6	166.297	205.976
10) T	Pentachlo...	8.702	9.508	7902.5E6	5459.9E6	117.737	105.354
11) T	2,4,5-TP ...	9.280	9.892	4914.0E6	3611.2E6	173.997	179.885
12) T	2,4,5-T	9.579	10.326	3743.3E6	2891.1E6	148.283m	168.629
13) T	2,4-DB	10.160	10.896	270.2E6	106.1E6	87.147m	82.117m
14) T	DINOSEB	11.346	11.272	555.2E6	397.6E6	24.894	26.156
15) T	Picloram	11.189	12.396	2936.9E6	2808.1E6	124.562	84.347 #
16) T	DCPA	11.642	12.305	5002.9E6	5292.8E6	136.168	159.365m

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

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Acq On : 13 Oct 2025 16:06
Operator : AR\AJ
Sample : Q3297-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

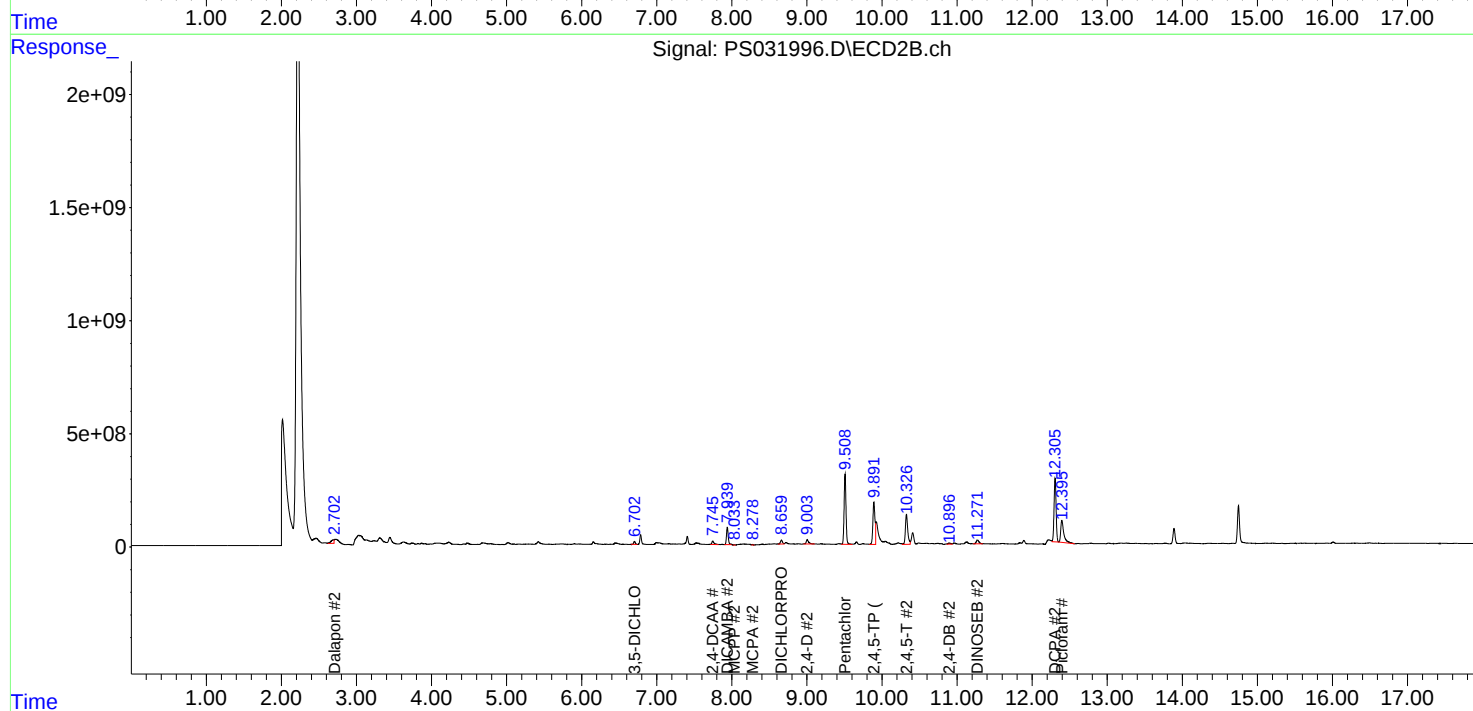
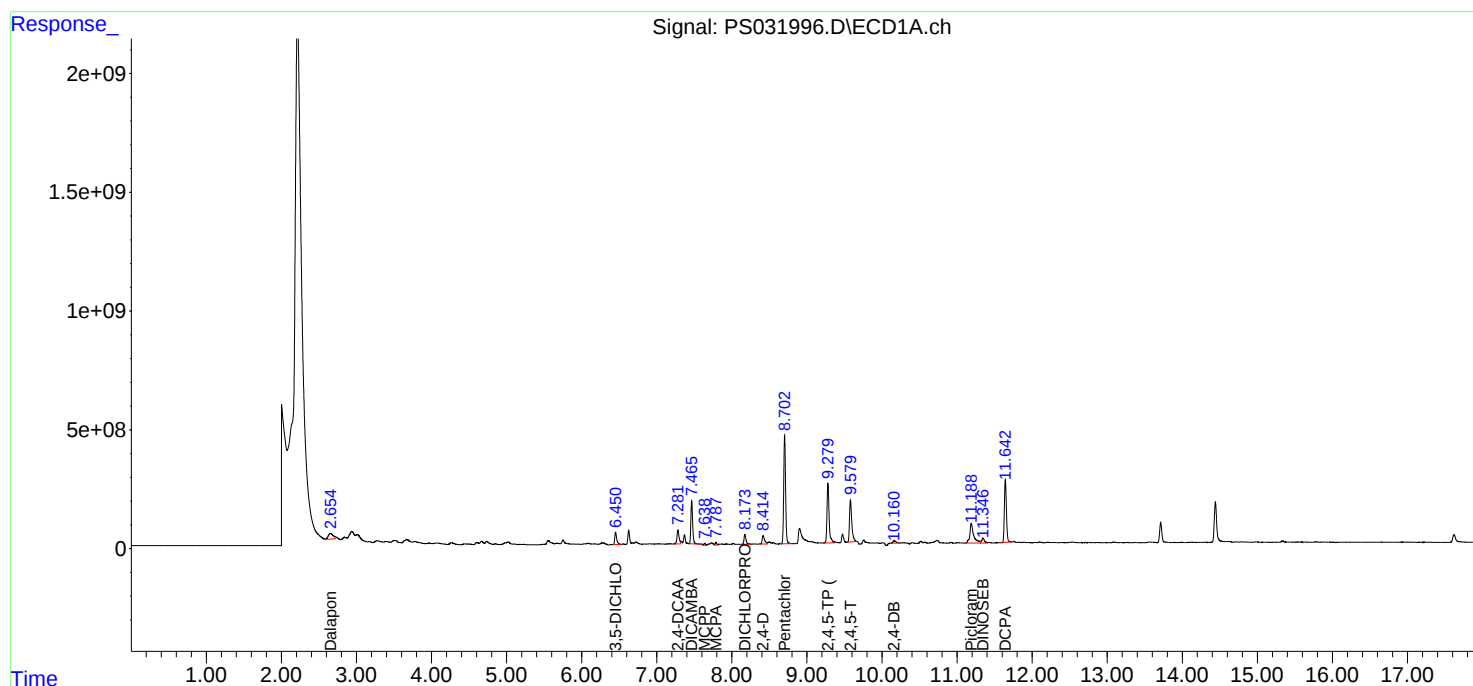
Instrument :
ECD_S
ClientSampleId :
TP1MSD

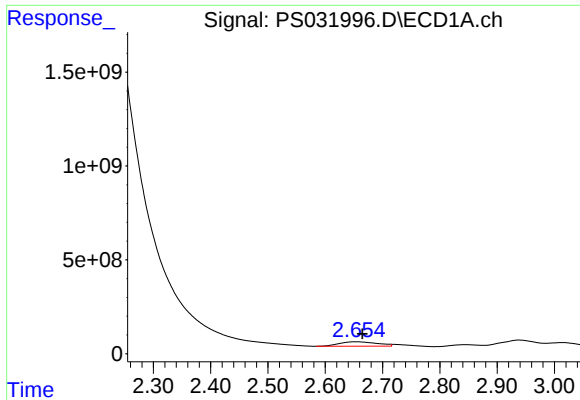
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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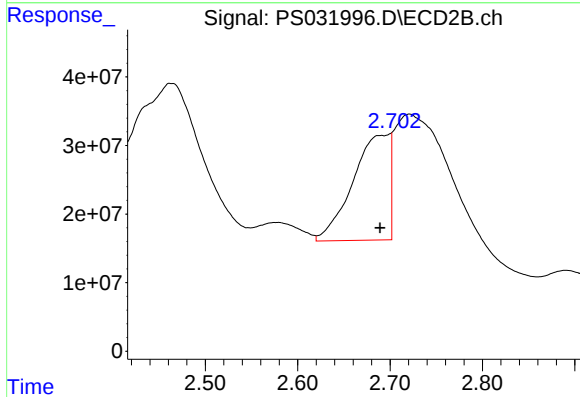
#1 Dalapon

R.T.: 2.654 min
Delta R.T.: -0.011 min
Response: 1085397120
Conc: 140.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP1MSD

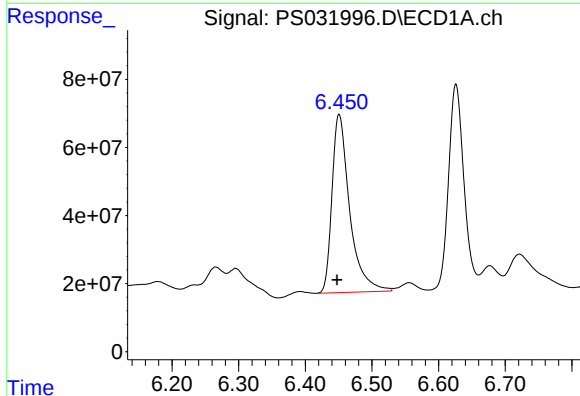
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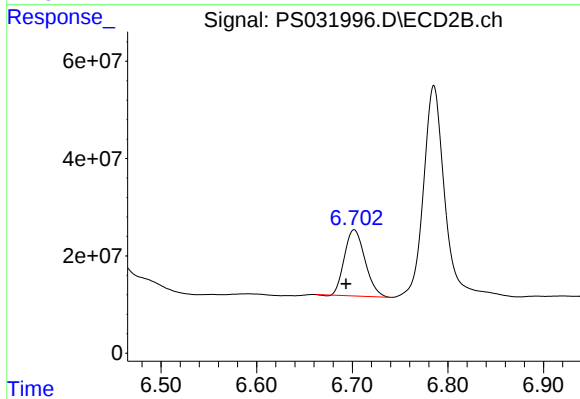
#1 Dalapon

R.T.: 2.702 min
Delta R.T.: 0.013 min
Response: 437506259
Conc: 116.41 ng/ml m



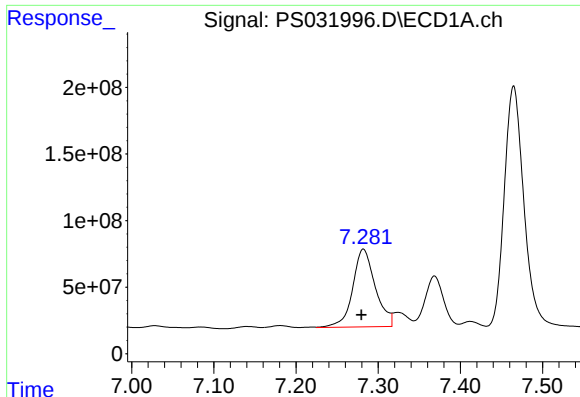
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.451 min
Delta R.T.: 0.003 min
Response: 964189712
Conc: 136.98 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.702 min
Delta R.T.: 0.008 min
Response: 204237895
Conc: 97.91 ng/ml



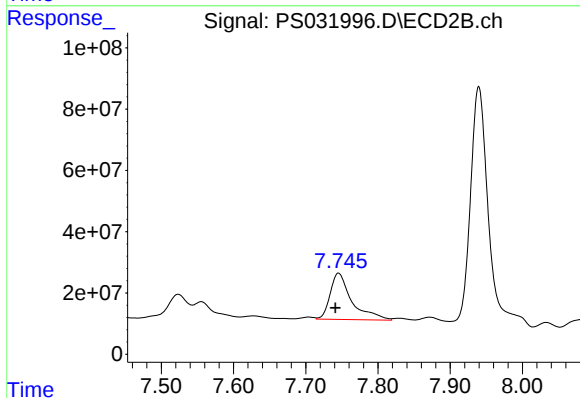
#4 2,4-DCAA

R.T.: 7.282 min
Delta R.T.: 0.002 min
Response: 1117382526
Conc: 234.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP1MSD

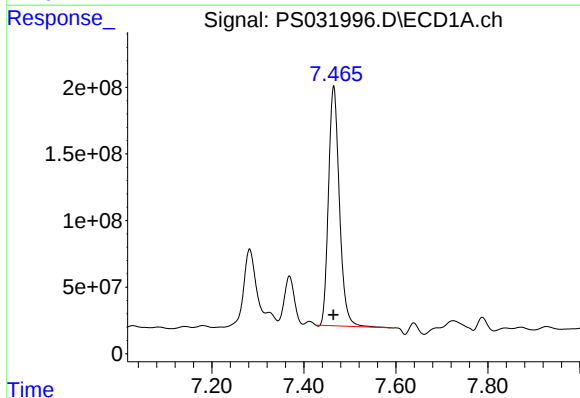
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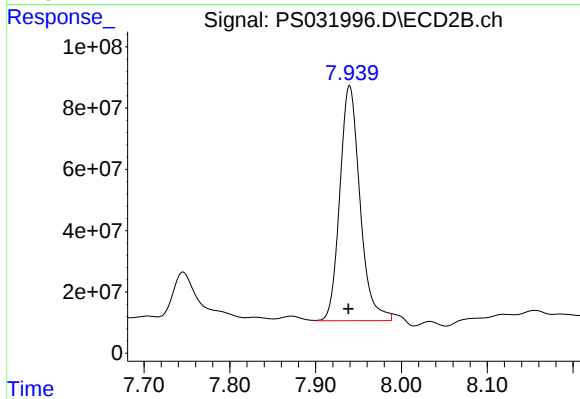
#4 2,4-DCAA

R.T.: 7.746 min
Delta R.T.: 0.005 min
Response: 314209643
Conc: 285.56 ng/ml



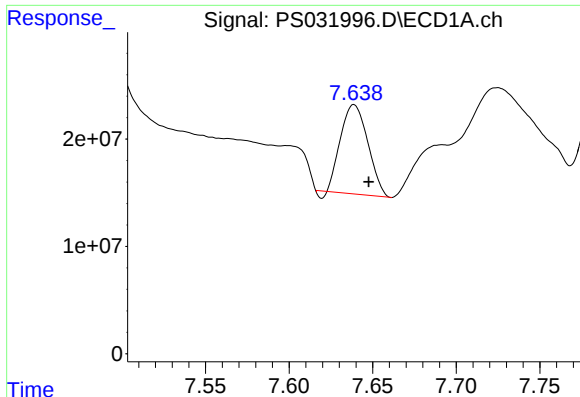
#5 DICAMBA

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 2963974893
Conc: 141.53 ng/ml



#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 1252672370
Conc: 144.64 ng/ml m



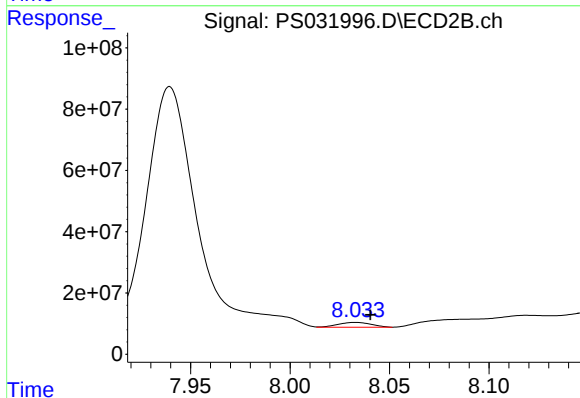
#6 MCPP

R.T.: 7.639 min
Delta R.T.: -0.009 min
Response: 93591527
Conc: 7.65 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP1MSD

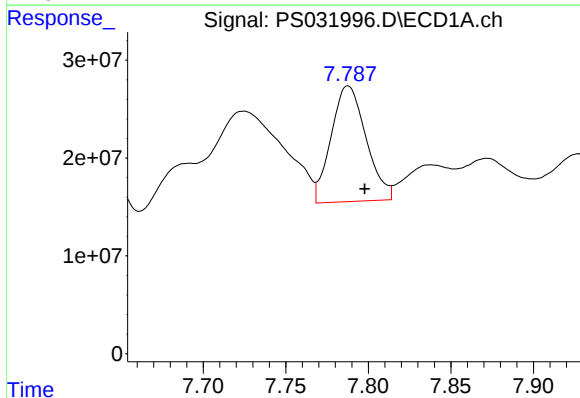
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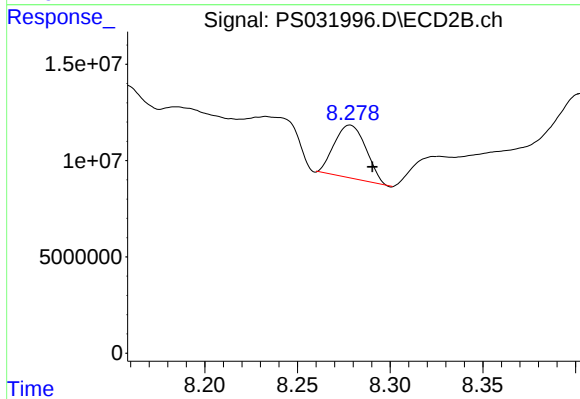
#6 MCPP

R.T.: 8.033 min
Delta R.T.: -0.008 min
Response: 18041004
Conc: 7.27 ug/ml m



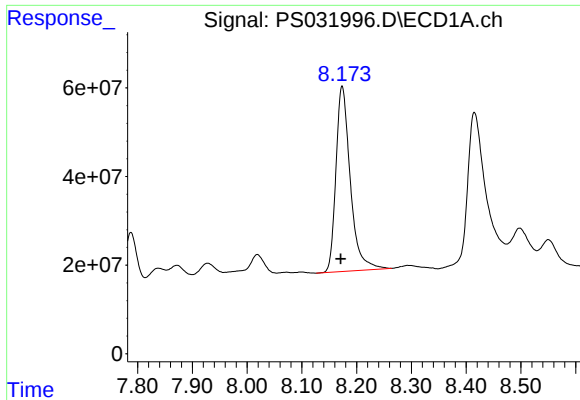
#7 MCPA

R.T.: 7.788 min
Delta R.T.: -0.010 min
Response: 174566761
Conc: 11.86 ug/ml



#7 MCPA

R.T.: 8.278 min
Delta R.T.: -0.012 min
Response: 32513851
Conc: 8.62 ug/ml



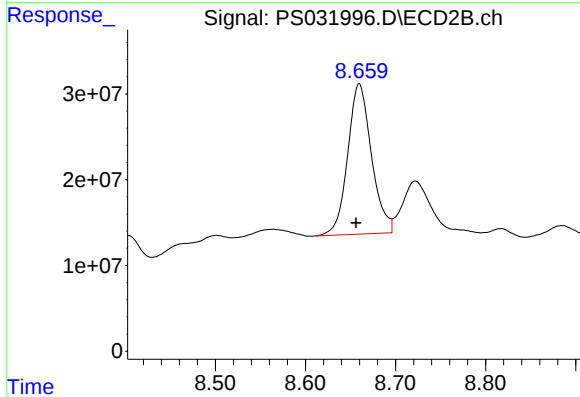
#8 DICHLORPROP

R.T.: 8.174 min
Delta R.T.: 0.003 min
Response: 761443396
Conc: 160.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP1MSD

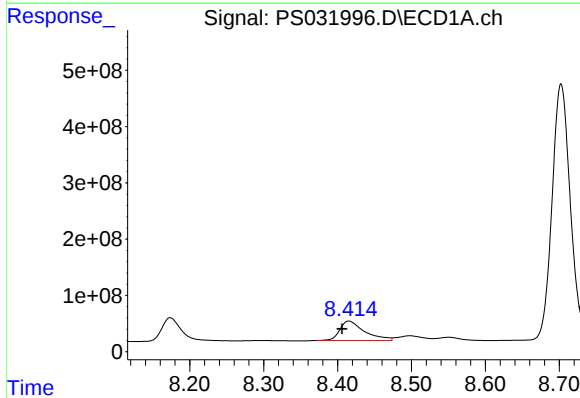
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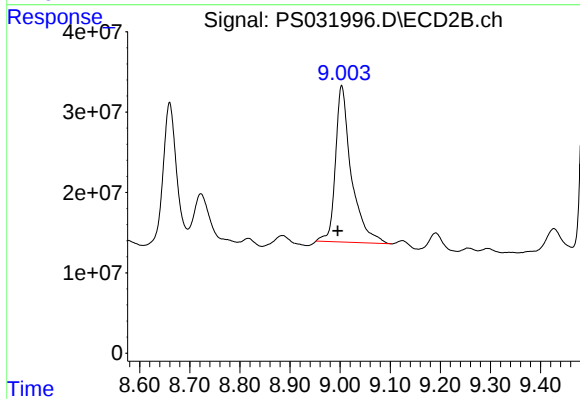
#8 DICHLORPROP

R.T.: 8.660 min
Delta R.T.: 0.004 min
Response: 321771281
Conc: 164.31 ng/ml



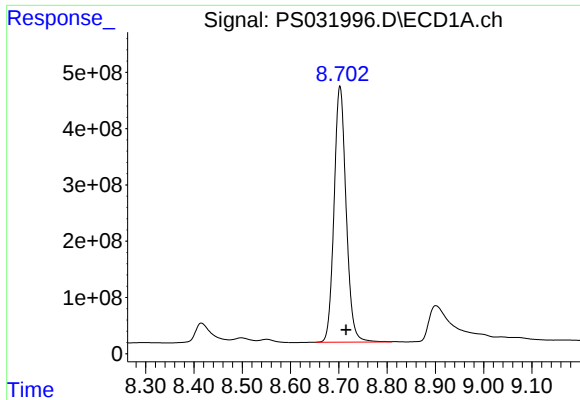
#9 2,4-D

R.T.: 8.415 min
Delta R.T.: 0.009 min
Response: 807519654
Conc: 166.30 ng/ml



#9 2,4-D

R.T.: 9.003 min
Delta R.T.: 0.008 min
Response: 428079703
Conc: 205.98 ng/ml



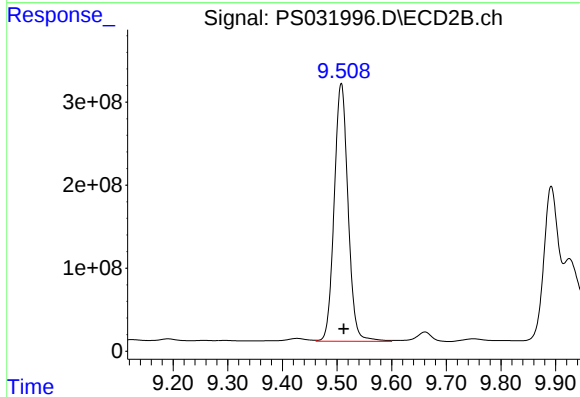
#10 Pentachlorophenol

R.T.: 8.702 min
Delta R.T.: -0.013 min
Response: 7902469775
Conc: 117.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP1MSD

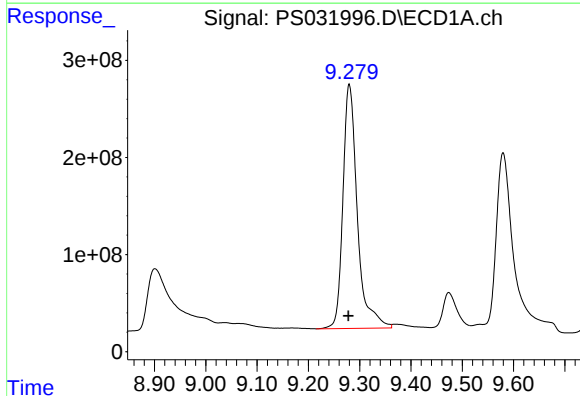
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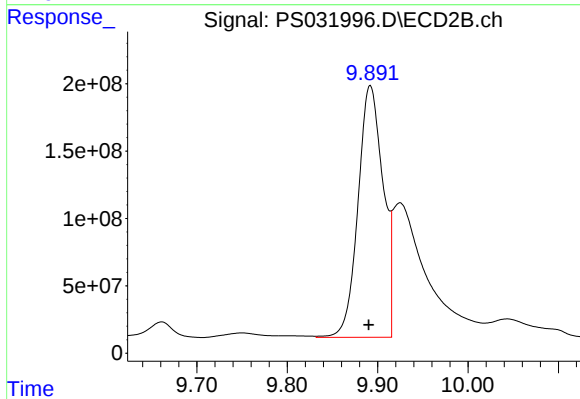
#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.004 min
Response: 5459865218
Conc: 105.35 ng/ml



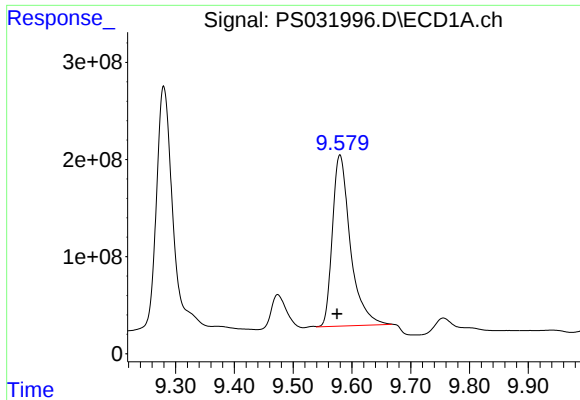
#11 2,4,5-TP (SILVEX)

R.T.: 9.280 min
Delta R.T.: 0.001 min
Response: 4914036126
Conc: 174.00 ng/ml



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

R.T.: 9.892 min
Delta R.T.: 0.002 min
Response: 3611169329
Conc: 179.89 ng/ml



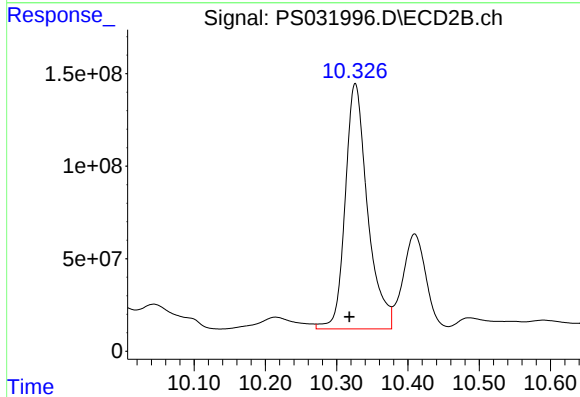
#12 2,4,5-T

R.T.: 9.579 min
Delta R.T.: 0.005 min
Response: 3743284293
Conc: 148.28 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP1MSD

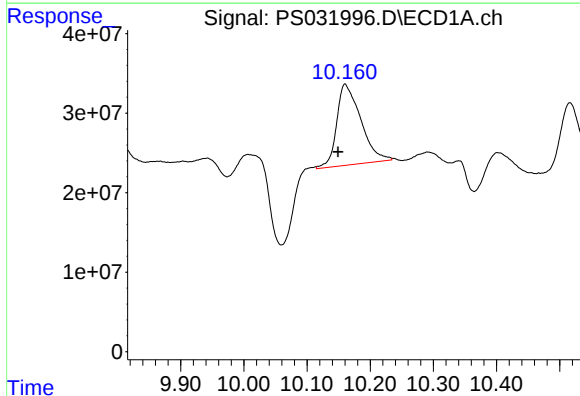
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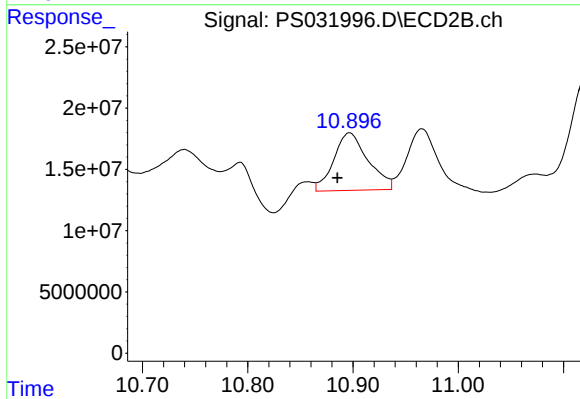
#12 2,4,5-T

R.T.: 10.326 min
Delta R.T.: 0.008 min
Response: 2891090006
Conc: 168.63 ng/ml



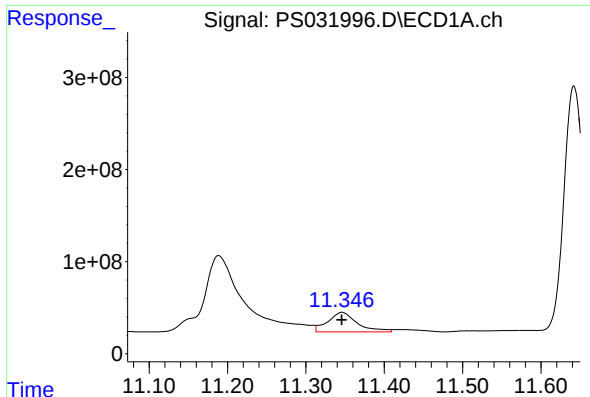
#13 2,4-DB

R.T.: 10.160 min
Delta R.T.: 0.011 min
Response: 270182261
Conc: 87.15 ng/ml m



#13 2,4-DB

R.T.: 10.896 min
Delta R.T.: 0.011 min
Response: 106102145
Conc: 82.12 ng/ml m



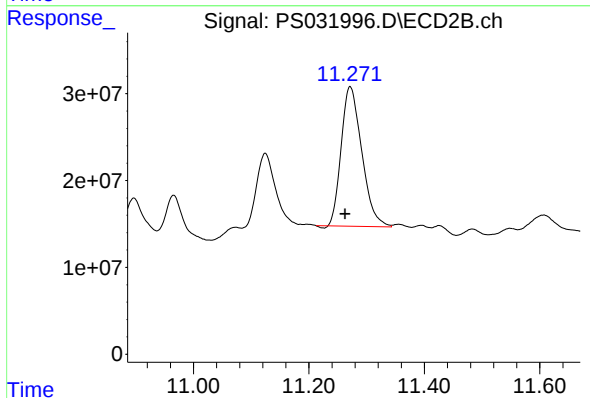
#14 DINOSEB

R.T.: 11.346 min
Delta R.T.: 0.000 min
Response: 555160977
Conc: 24.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP1MSD

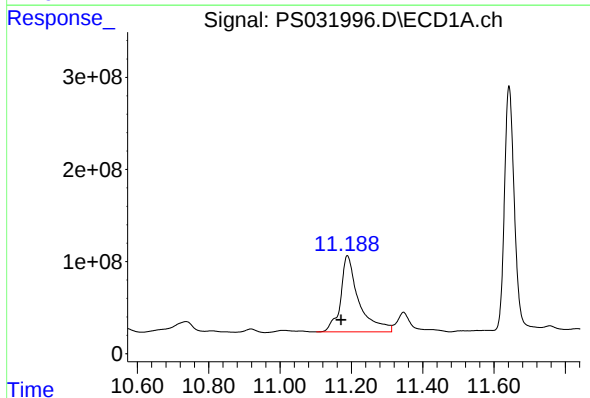
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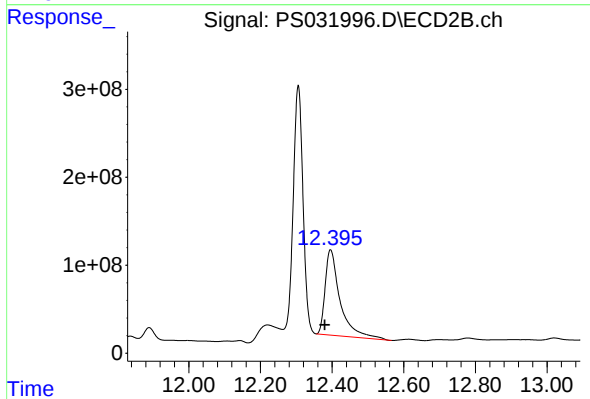
#14 DINOSEB

R.T.: 11.272 min
Delta R.T.: 0.009 min
Response: 397648545
Conc: 26.16 ng/ml



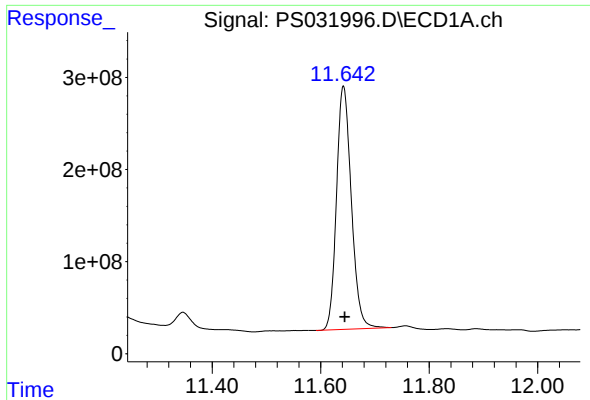
#15 Picloram

R.T.: 11.189 min
Delta R.T.: 0.017 min
Response: 2936913215
Conc: 124.56 ng/ml



#15 Picloram

R.T.: 12.396 min
Delta R.T.: 0.017 min
Response: 2808093207
Conc: 84.35 ng/ml



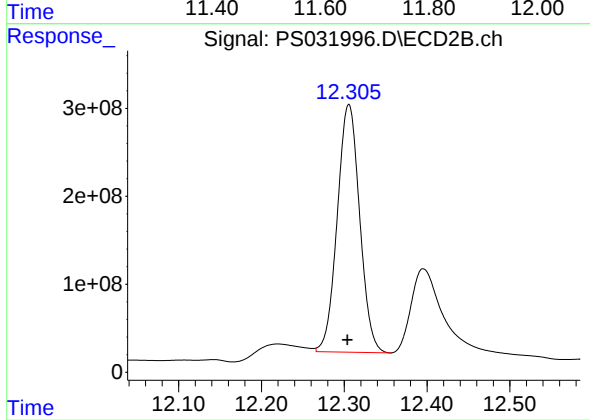
#16 DCPA

R.T.: 11.642 min
Delta R.T.: -0.003 min
Response: 5002852459
Conc: 136.17 ng/ml

Instrument :
ECD_S
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#16 DCPA

R.T.: 12.305 min
Delta R.T.: 0.002 min
Response: 5292779035
Conc: 159.37 ng/ml m