

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS012725\
 Data File : PS028958.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jan 2025 18:37
 Operator : AR\AJ
 Sample : Q1169-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 ARS20-0006MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/28/2025
 Supervised By : Ankita Jodhani 01/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 28 01:34:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS011425.M
 Quant Title : 8080.M
 QLast Update : Tue Jan 14 12:25:39 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 x 0.5 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	7.195	7.674	503.8E6	132.1E6	180.973	118.390 #
Target Compounds							
1) T	Dalapon	2.613	2.668	424.8E6	354.6E6	142.474m	173.792m
2) T	3,5-DICHL...	6.373	6.641	323.5E6	143.9E6	80.931	87.071
3) T	4-Nitroph...	7.002	7.211	25761058	36891077	14.537m	41.461m#
5) T	DICAMBA	7.381	7.871	1398.5E6	580.9E6	117.903m	104.308
7) T	MCPA	7.707	8.211	117.3E6	35065296	11.904m	8.256m#
8) T	DICHLORPROP	8.085	8.583	209.3E6	92638218	66.049	65.907
9) T	2,4-D	8.314	8.908	491.3E6	220.9E6	145.379	147.318
10) T	Pentachlo...	8.610	9.433	1742.1E6	823.7E6	36.116	35.557
11) T	2,4,5-TP ...	9.187	9.809	796.0E6	383.6E6	41.602	40.728m
12) T	2,4,5-T	9.477	10.225	1031.7E6	525.7E6	53.742m	58.358m
13) T	2,4-DB	10.049	10.791	123.9E6	22150603	34.927m	22.245m#
14) T	DINOSEB	11.252	11.168	108.8E6	85282091	6.577m	13.289m#
15) T	Picloram	11.061	12.249	5785.3E6	2300.0E6	183.356	171.392
16) T	DCPA	11.545	12.205	5147.6E6	3090.6E6	179.476	272.240m#

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

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Acq On : 27 Jan 2025 18:37
Operator : AR\AJ
Sample : Q1169-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

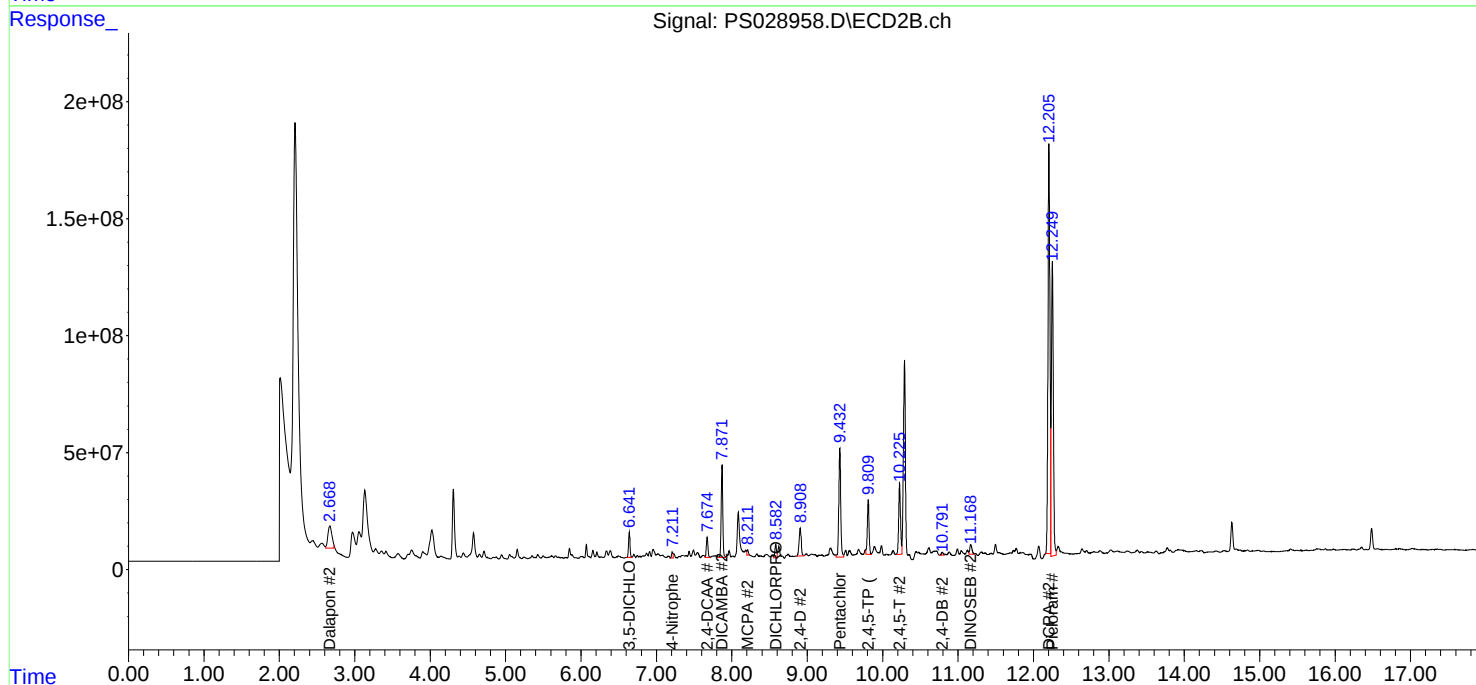
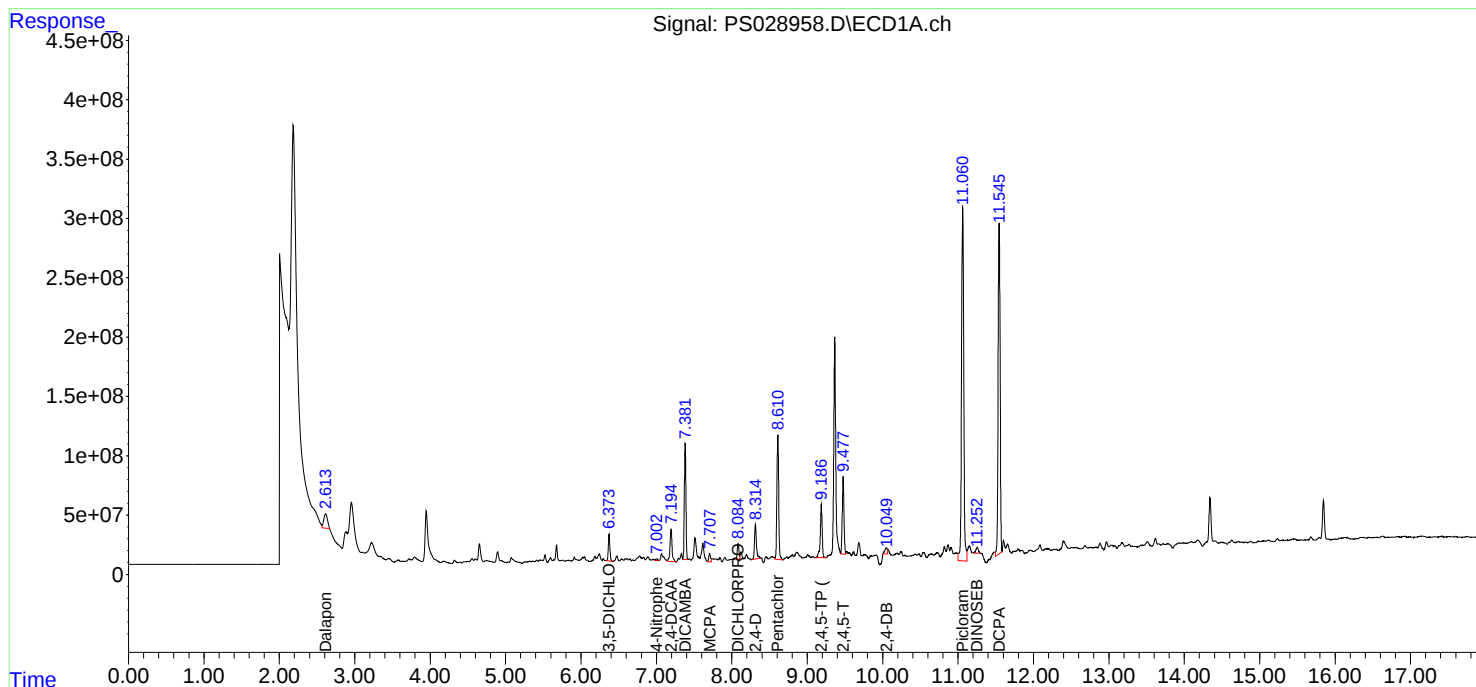
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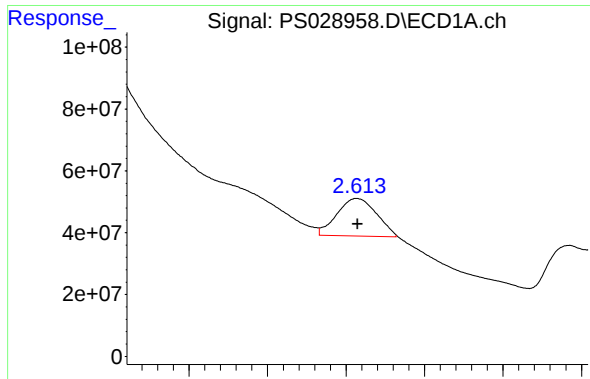
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Integration File signal 2: autoint2.e
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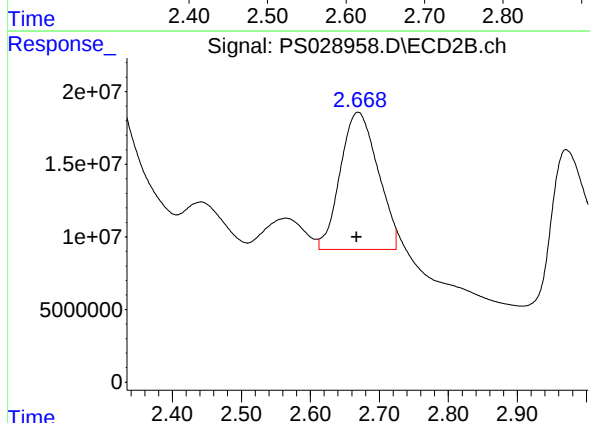
#1 Dalapon

R.T.: 2.613 min
Delta R.T.: -0.002 min
Response: 424821018
Conc: 142.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
ARS20-0006MS

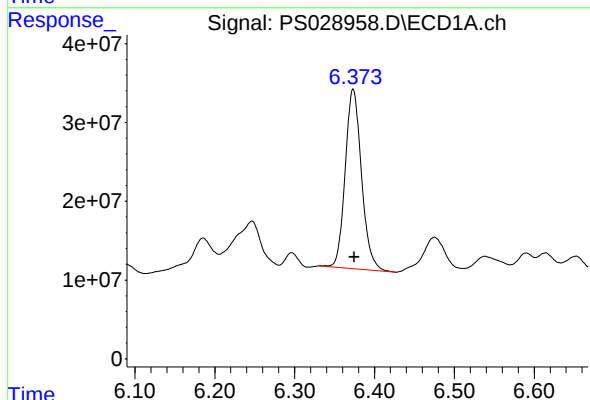
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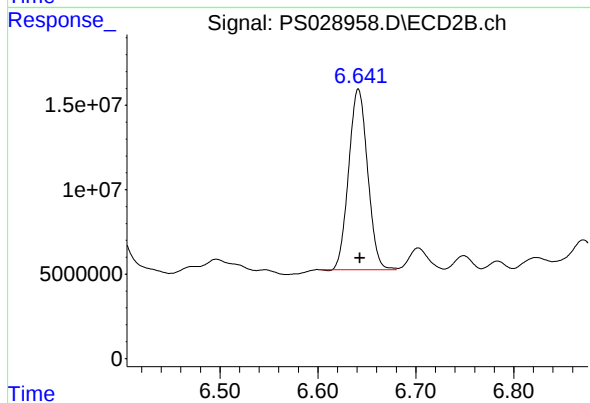
#1 Dalapon

R.T.: 2.668 min
Delta R.T.: 0.001 min
Response: 354561222
Conc: 173.79 ng/ml



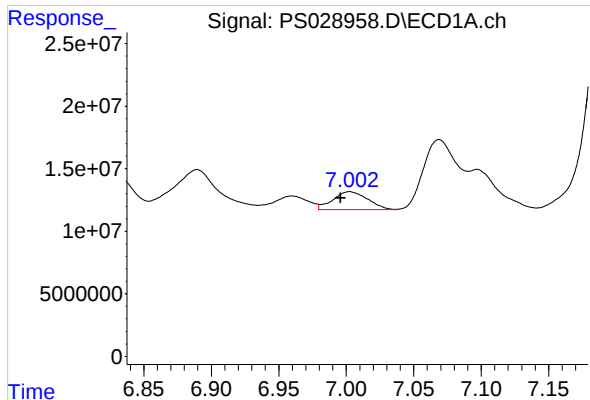
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.373 min
Delta R.T.: -0.001 min
Response: 323467370
Conc: 80.93 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.641 min
Delta R.T.: -0.002 min
Response: 143894809
Conc: 87.07 ng/ml



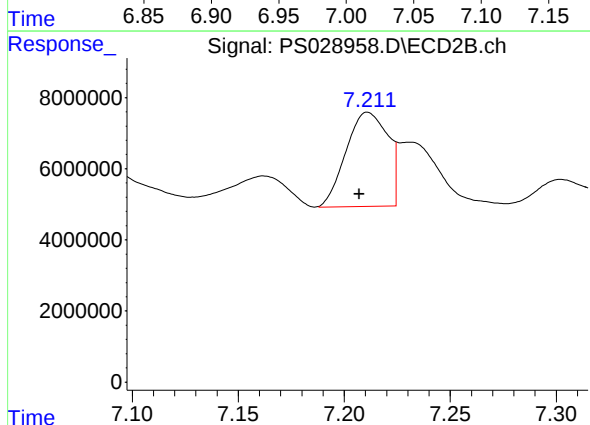
#3 4-Nitrophenol

R.T.: 7.002 min
Delta R.T.: 0.006 min
Response: 25761058
Conc: 14.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
ARS20-0006MS

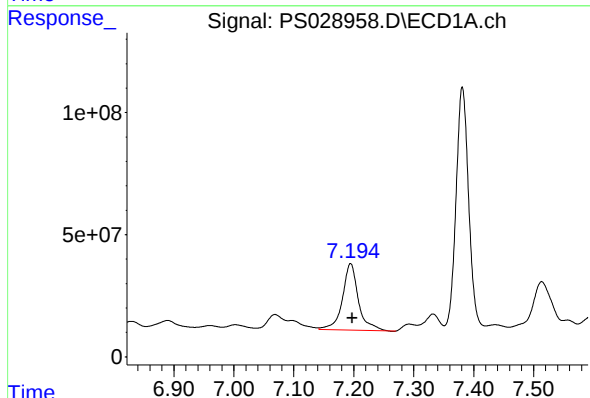
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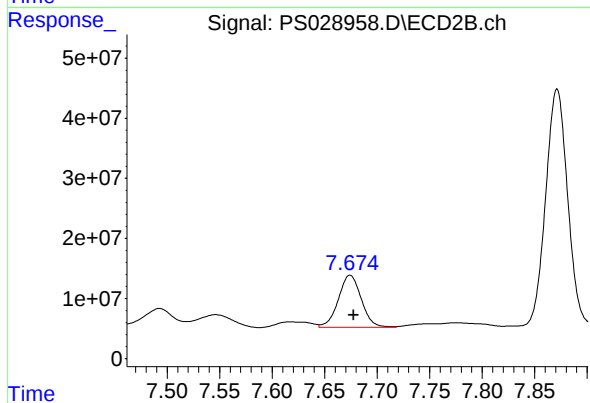
#3 4-Nitrophenol

R.T.: 7.211 min
Delta R.T.: 0.004 min
Response: 36891077
Conc: 41.46 ng/ml



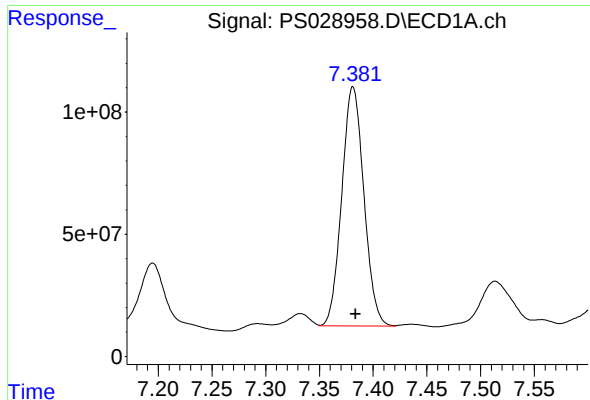
#4 2,4-DCAA

R.T.: 7.195 min
Delta R.T.: -0.003 min
Response: 503830354
Conc: 180.97 ng/ml



#4 2,4-DCAA

R.T.: 7.674 min
Delta R.T.: -0.003 min
Response: 132100576
Conc: 118.39 ng/ml



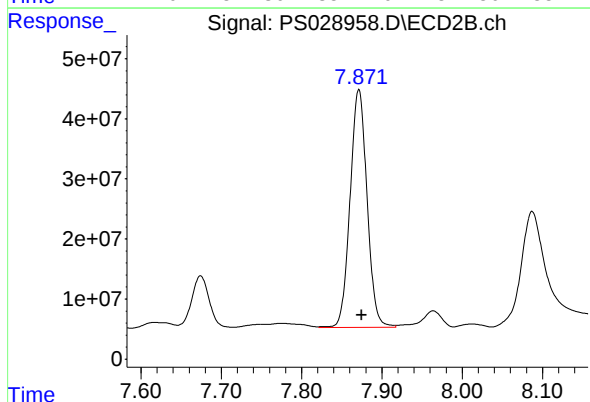
#5 DICAMBA

R.T.: 7.381 min
Delta R.T.: -0.003 min
Response: 1398494335
Conc: 117.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
ARS20-0006MS

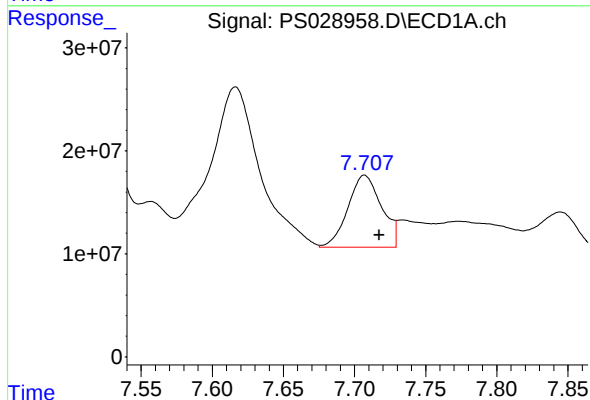
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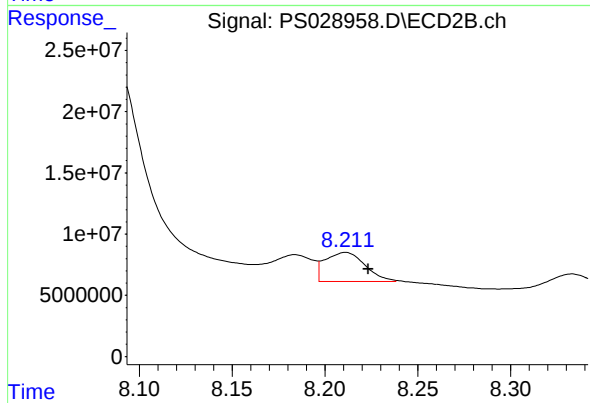
#5 DICAMBA

R.T.: 7.871 min
Delta R.T.: -0.003 min
Response: 580893144
Conc: 104.31 ng/ml



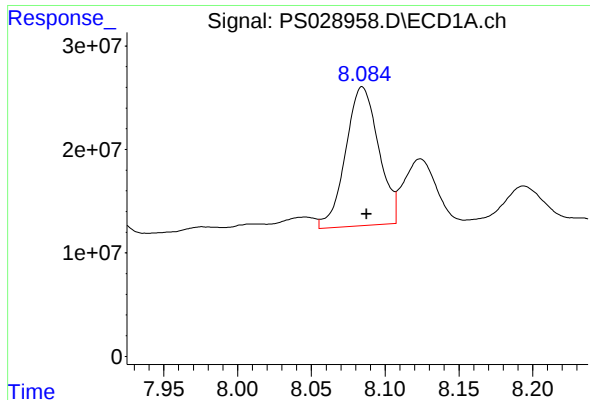
#7 MCPA

R.T.: 7.707 min
Delta R.T.: -0.011 min
Response: 117263083
Conc: 11.90 ug/ml m



#7 MCPA

R.T.: 8.211 min
Delta R.T.: -0.013 min
Response: 35065296
Conc: 8.26 ug/ml m



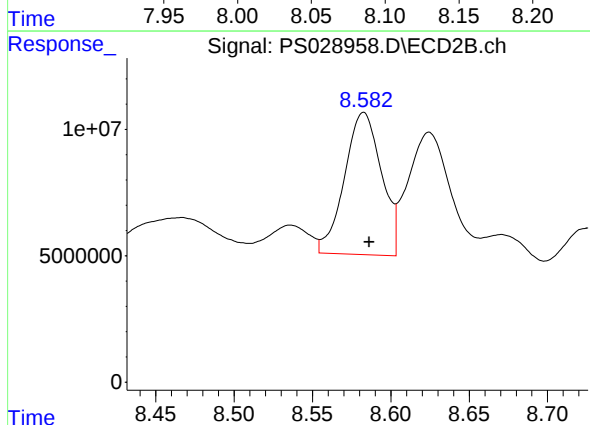
#8 DICHLORPROP

R.T.: 8.085 min
Delta R.T.: -0.003 min
Response: 209281019
Conc: 66.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
ARS20-0006MS

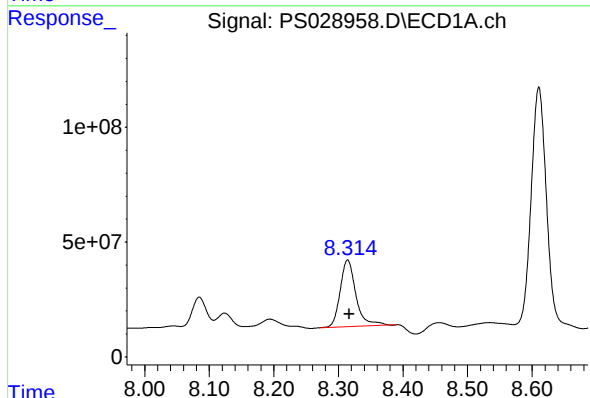
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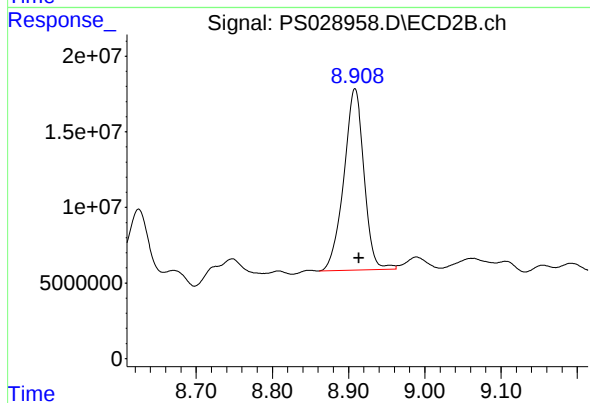
#8 DICHLORPROP

R.T.: 8.583 min
Delta R.T.: -0.004 min
Response: 92638218
Conc: 65.91 ng/ml



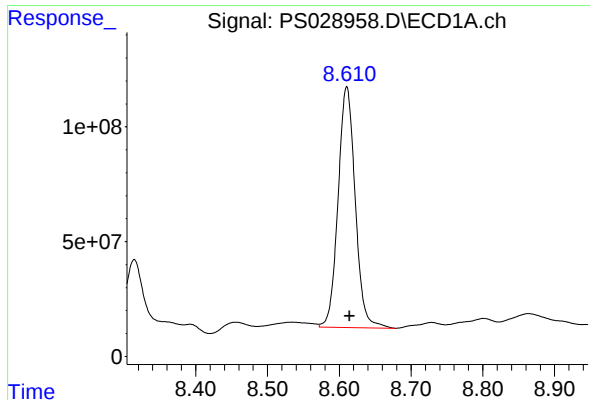
#9 2,4-D

R.T.: 8.314 min
Delta R.T.: -0.002 min
Response: 491302013
Conc: 145.38 ng/ml



#9 2,4-D

R.T.: 8.908 min
Delta R.T.: -0.005 min
Response: 220906408
Conc: 147.32 ng/ml



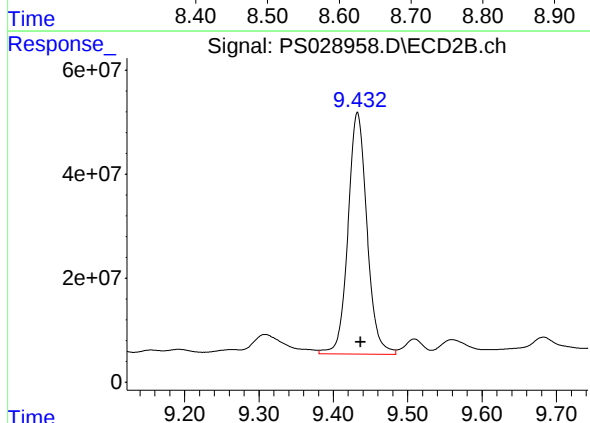
#10 Pentachlorophenol

R.T.: 8.610 min
Delta R.T.: -0.004 min
Response: 1742131963
Conc: 36.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
ARS20-0006MS

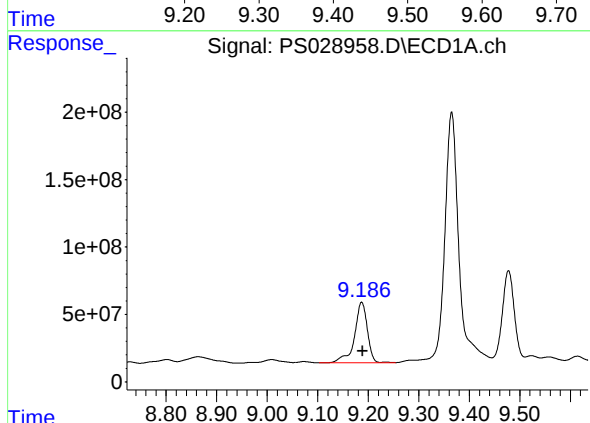
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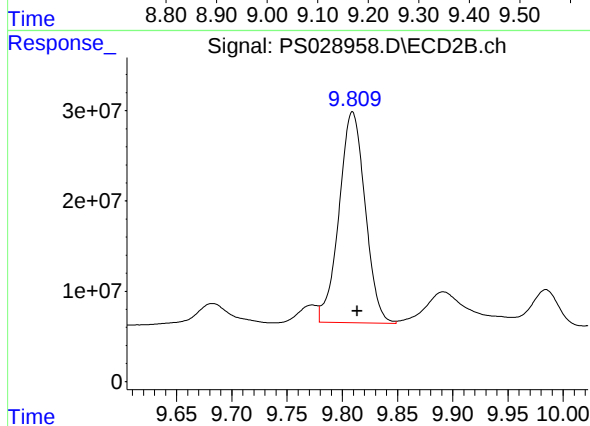
#10 Pentachlorophenol

R.T.: 9.433 min
Delta R.T.: -0.004 min
Response: 823709118
Conc: 35.56 ng/ml



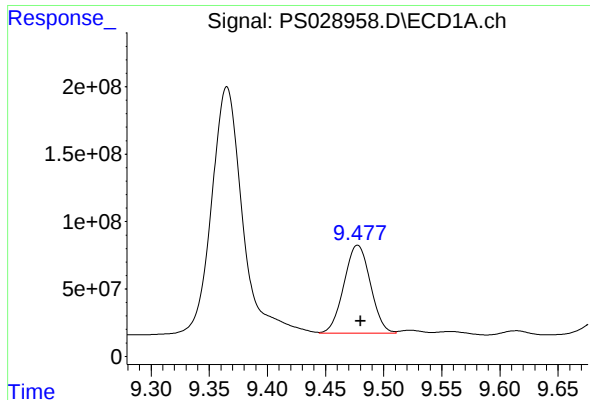
#11 2,4,5-TP (SILVEX)

R.T.: 9.187 min
Delta R.T.: -0.002 min
Response: 795960055
Conc: 41.60 ng/ml



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

R.T.: 9.809 min
Delta R.T.: -0.005 min
Response: 383635575
Conc: 40.73 ng/ml m



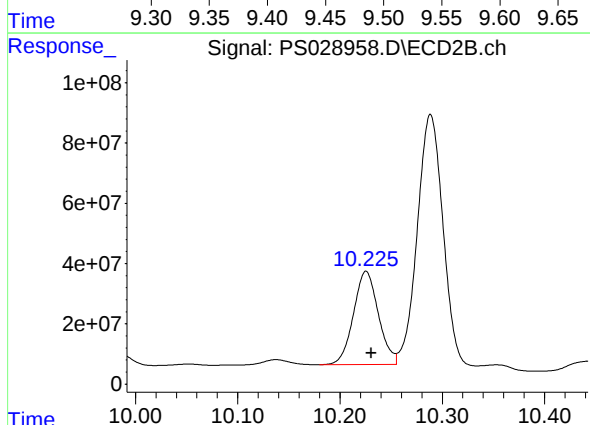
#12 2,4,5-T

R.T.: 9.477 min
Delta R.T.: -0.003 min
Response: 1031684011
Conc: 53.74 ng/ml

Instrument :
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ClientSampleId :
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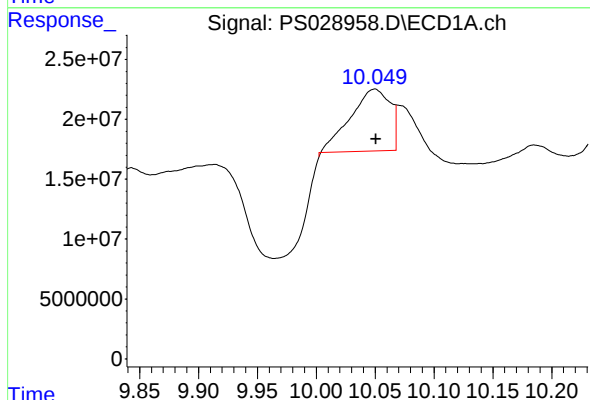
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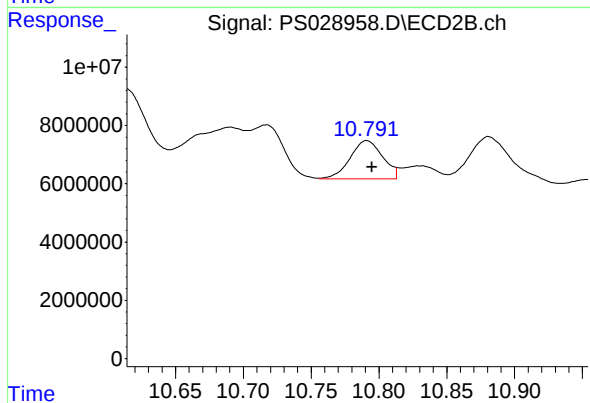
#12 2,4,5-T

R.T.: 10.225 min
Delta R.T.: -0.005 min
Response: 525747144
Conc: 58.36 ng/ml



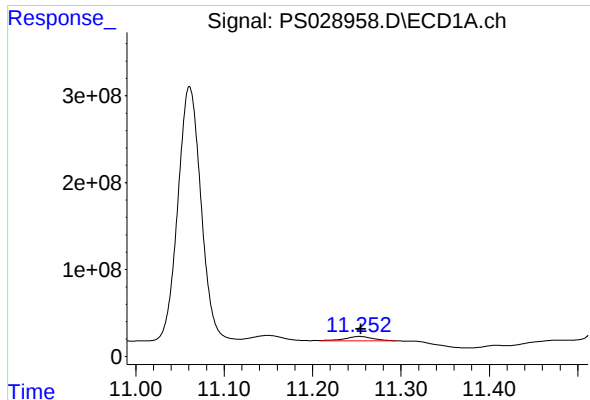
#13 2,4-DB

R.T.: 10.049 min
Delta R.T.: -0.001 min
Response: 123897672
Conc: 34.93 ng/ml



#13 2,4-DB

R.T.: 10.791 min
Delta R.T.: -0.004 min
Response: 22150603
Conc: 22.25 ng/ml



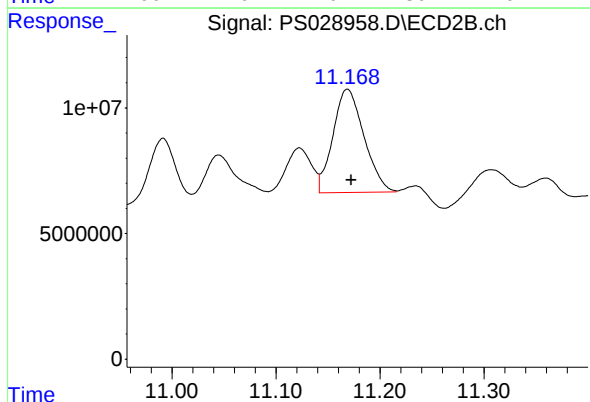
#14 DINOSEB

R.T.: 11.252 min
Delta R.T.: -0.003 min
Response: 108829932
Conc: 6.58 ng/ml

Instrument :
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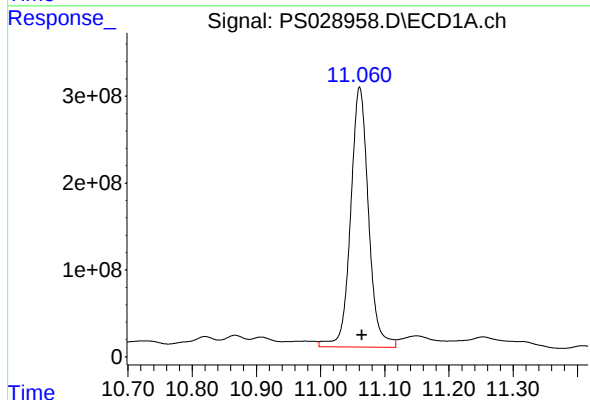
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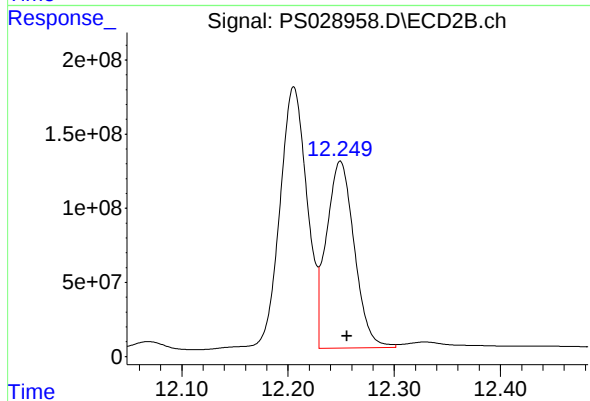
#14 DINOSEB

R.T.: 11.168 min
Delta R.T.: -0.004 min
Response: 85282091
Conc: 13.29 ng/ml



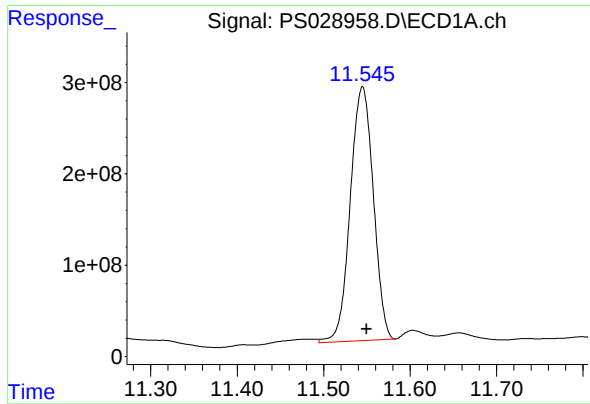
#15 Picloram

R.T.: 11.061 min
Delta R.T.: -0.004 min
Response: 5785267934
Conc: 183.36 ng/ml



#15 Picloram

R.T.: 12.249 min
Delta R.T.: -0.006 min
Response: 2300023508
Conc: 171.39 ng/ml



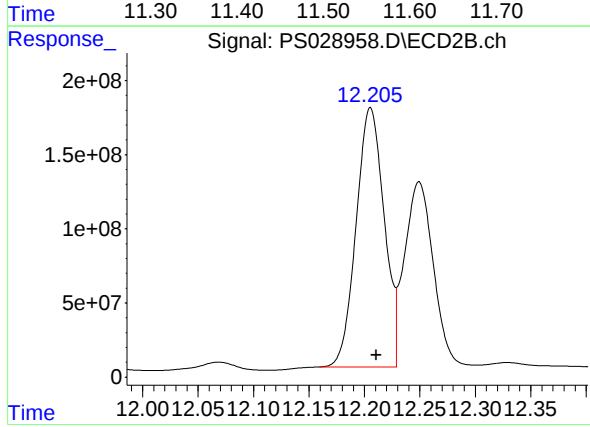
#16 DCPA

R.T.: 11.545 min
Delta R.T.: -0.005 min
Response: 5147558238
Conc: 179.48 ng/ml

Instrument :
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#16 DCPA

R.T.: 12.205 min
Delta R.T.: -0.006 min
Response: 3090567948
Conc: 272.24 ng/ml m