

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
 Data File : PS031237.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 20:16
 Operator : AR\AJ
 Sample : PB169001BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169001BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2025
 Supervised By :mohammad ahmed 07/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 03:44:44 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	7.764	2121.5E6	508.8E6	487.902	501.299
Target Compounds							
1) T	Dalapon	2.686	2.704	1300.3E6	2886.7E6	207.289m	1017.600m#
2) T	3,5-DICHL...	6.484	6.711	2802.4E6	743.0E6	507.436	482.528
3) T	4-Nitroph...	7.120	7.297	804.0E6	751.3E6	487.603	415.214
5) T	DICAMBA	7.508	7.966	7809.3E6	3109.6E6	473.377	481.854
6) T	MCPD	7.689	8.065	456.0E6	90752125	45.551	43.677
7) T	MCPA	7.839	8.312	601.5E6	134.5E6	48.069	42.627
8) T	DICHLORPROP	8.219	8.685	1990.0E6	727.3E6	520.683	480.100
9) T	2,4-D	8.451	9.021	2223.0E6	926.8E6	595.191	545.708m
10) T	Pentachlo...	8.757	9.545	32147.0E6	20997.3E6	588.540	537.273
11) T	2,4,5-TP ...	9.335	9.926	12279.8E6	7936.6E6	559.353	532.865
12) T	2,4,5-T	9.628	10.353	10468.9E6	7013.5E6	536.103	493.233
13) T	2,4-DB	10.206	10.920	1568.7E6	579.1E6	524.686	494.707m
14) T	DINOSEB	11.418	11.305	6756.6E6	4565.9E6	433.963m	403.990
15) T	Picloram	11.229	12.415	9502.8E6	9927.6E6	474.983m	398.777
16) T	DCPA	11.713	12.348	11529.1E6	11386.4E6	401.804	494.287

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

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Acq On : 24 Jul 2025 20:16
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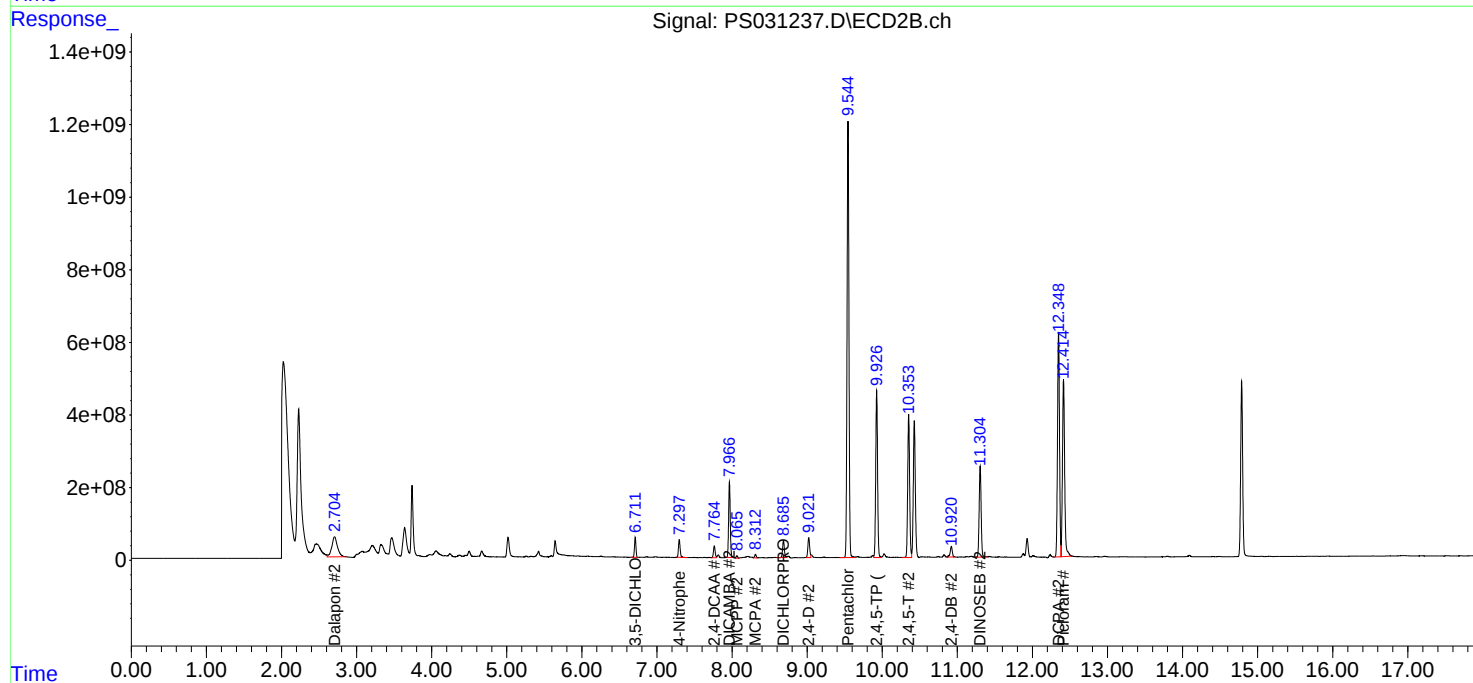
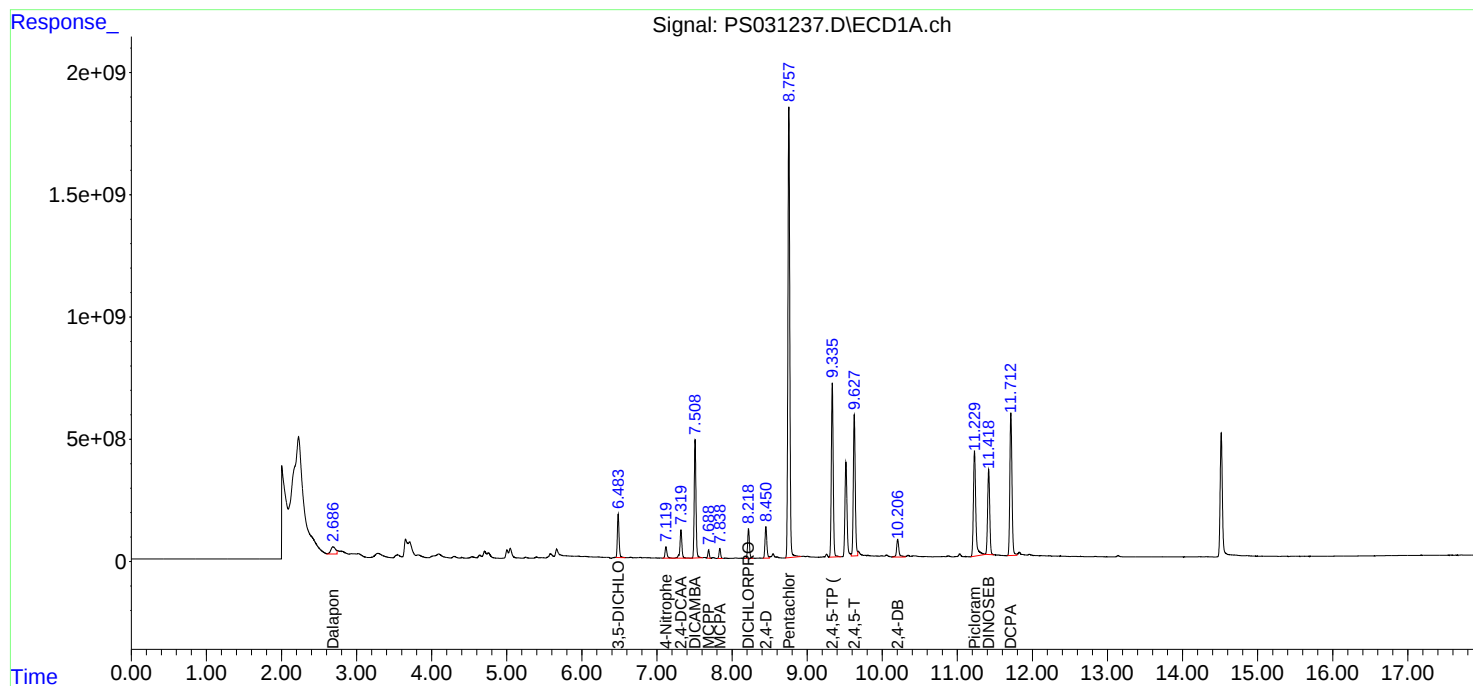
Instrument :
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ClientSampleId :
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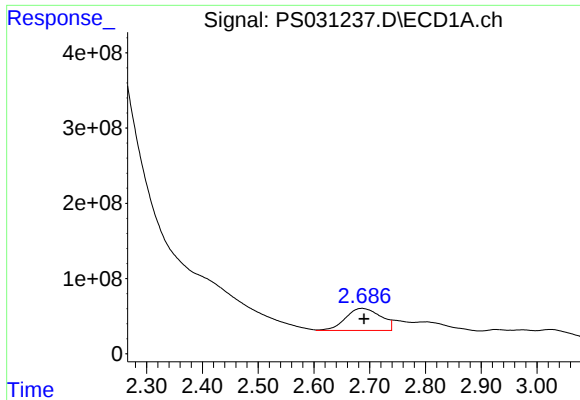
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
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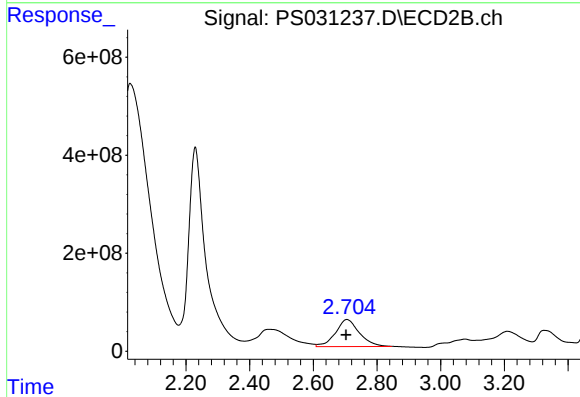
#1 Dalapon

R.T.: 2.686 min
Delta R.T.: -0.004 min
Response: 1300303286
Conc: 207.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169001BS

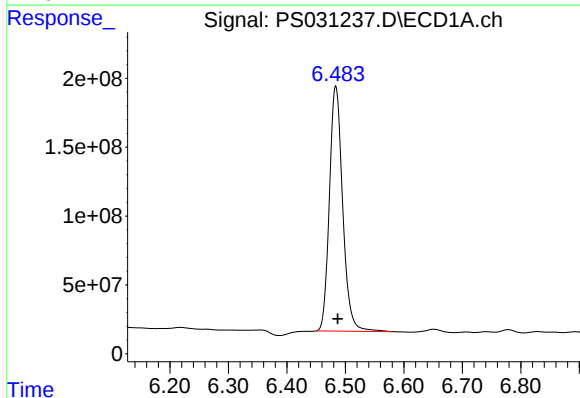
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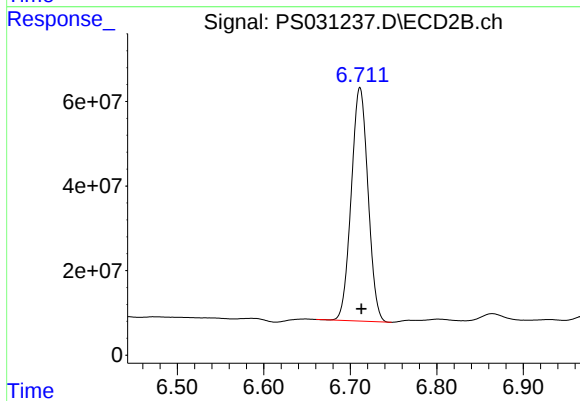
#1 Dalapon

R.T.: 2.704 min
Delta R.T.: 0.000 min
Response: 2886667245
Conc: 1017.60 ng/ml m



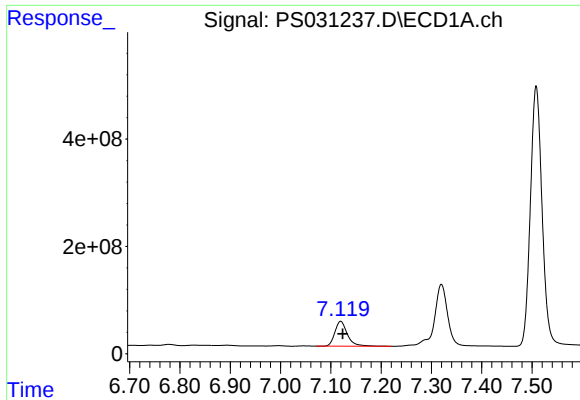
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.484 min
Delta R.T.: -0.003 min
Response: 2802444308
Conc: 507.44 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.711 min
Delta R.T.: -0.002 min
Response: 743041442
Conc: 482.53 ng/ml



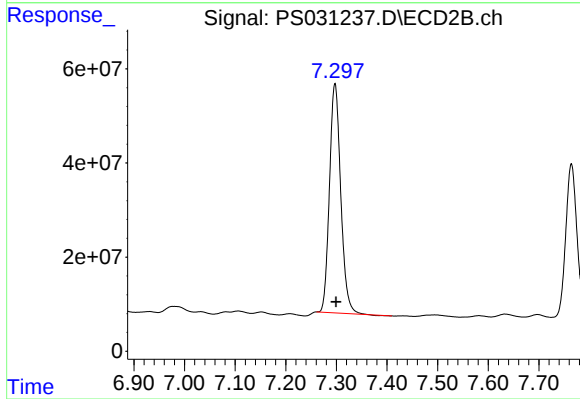
#3 4-Nitrophenol

R.T.: 7.120 min
Delta R.T.: -0.004 min
Response: 803952465
Conc: 487.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169001BS

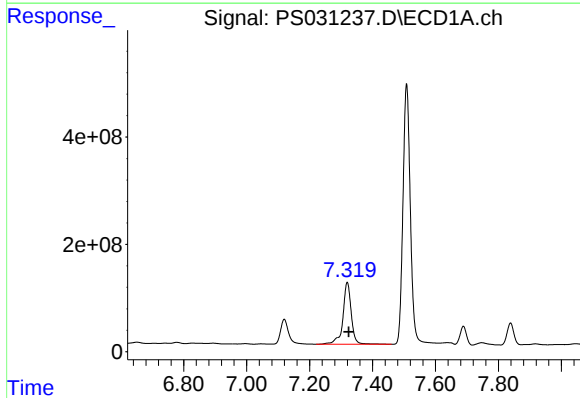
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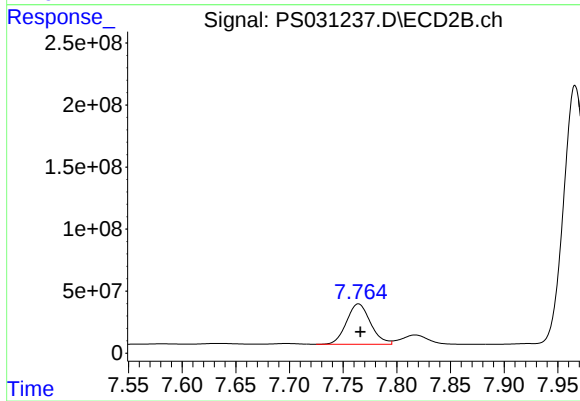
#3 4-Nitrophenol

R.T.: 7.297 min
Delta R.T.: -0.002 min
Response: 751254044
Conc: 415.21 ng/ml



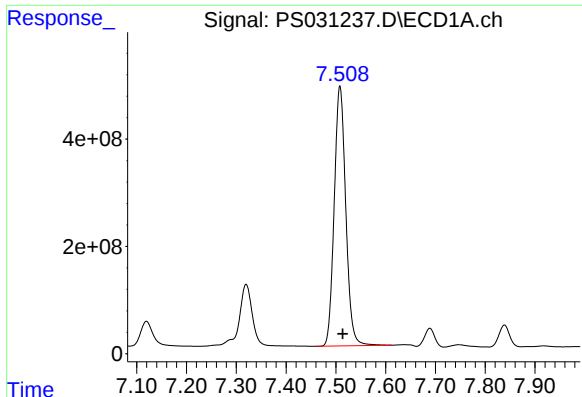
#4 2,4-DCAA

R.T.: 7.320 min
Delta R.T.: -0.005 min
Response: 2121523156
Conc: 487.90 ng/ml



#4 2,4-DCAA

R.T.: 7.764 min
Delta R.T.: -0.002 min
Response: 508802939
Conc: 501.30 ng/ml



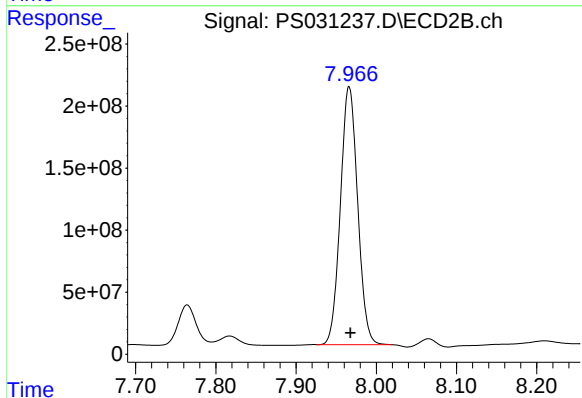
#5 DICAMBA

R.T.: 7.508 min
Delta R.T.: -0.006 min
Response: 7809288099
Conc: 473.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169001BS

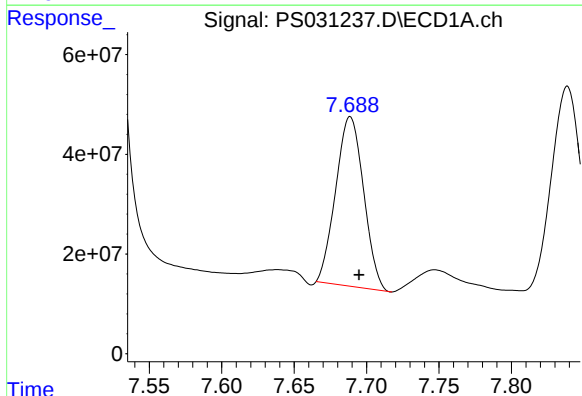
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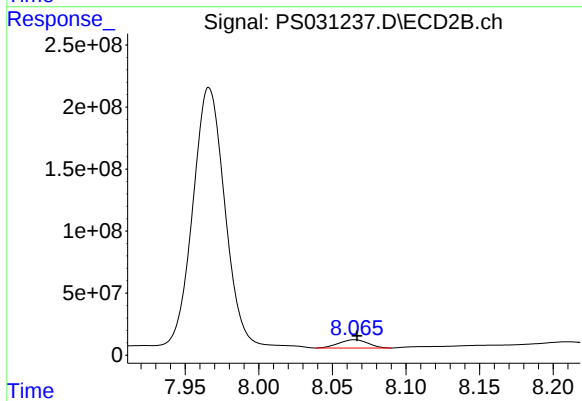
#5 DICAMBA

R.T.: 7.966 min
Delta R.T.: -0.002 min
Response: 3109581210
Conc: 481.85 ng/ml



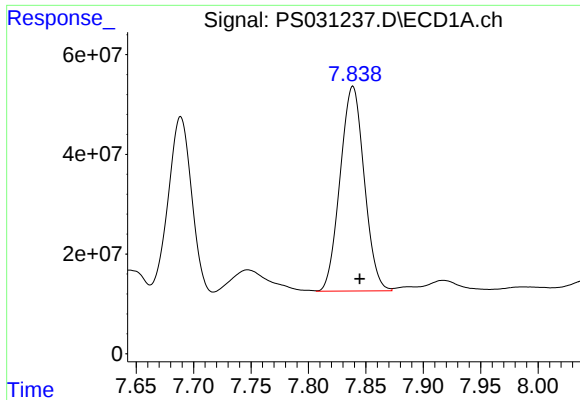
#6 MCP

R.T.: 7.689 min
Delta R.T.: -0.006 min
Response: 455963569
Conc: 45.55 ug/ml



#6 MCP

R.T.: 8.065 min
Delta R.T.: -0.002 min
Response: 90752125
Conc: 43.68 ug/ml



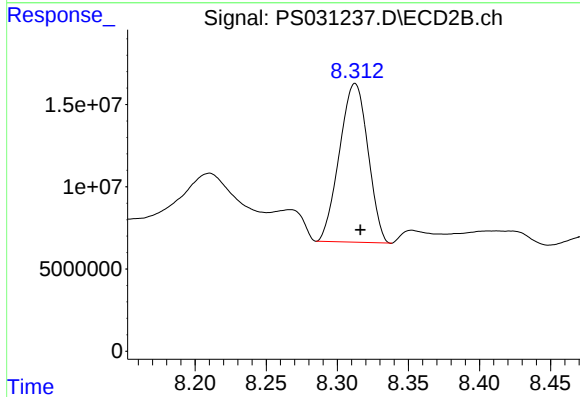
#7 MCPA

R.T.: 7.839 min
Delta R.T.: -0.006 min
Response: 601545214
Conc: 48.07 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB169001BS

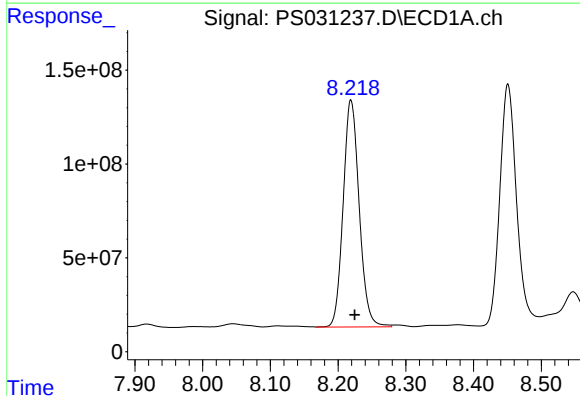
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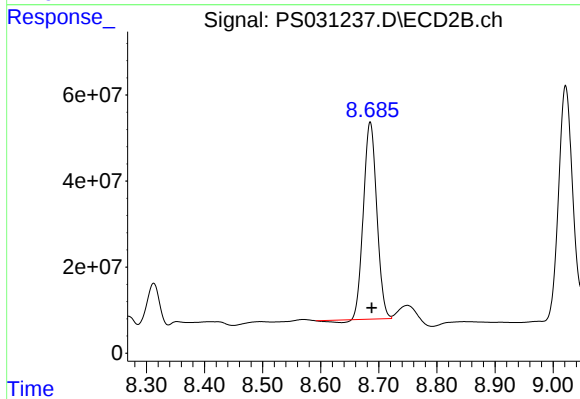
#7 MCPA

R.T.: 8.312 min
Delta R.T.: -0.004 min
Response: 134495863
Conc: 42.63 ug/ml



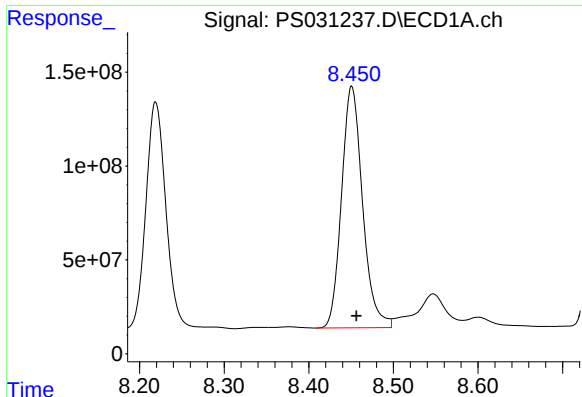
#8 DICHLORPROP

R.T.: 8.219 min
Delta R.T.: -0.005 min
Response: 1990025430
Conc: 520.68 ng/ml



#8 DICHLORPROP

R.T.: 8.685 min
Delta R.T.: -0.002 min
Response: 727283920
Conc: 480.10 ng/ml



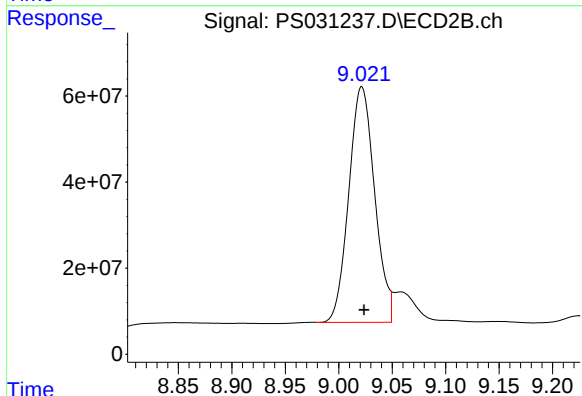
#9 2,4-D

R.T.: 8.451 min
Delta R.T.: -0.006 min
Response: 2222988684
Conc: 595.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169001BS

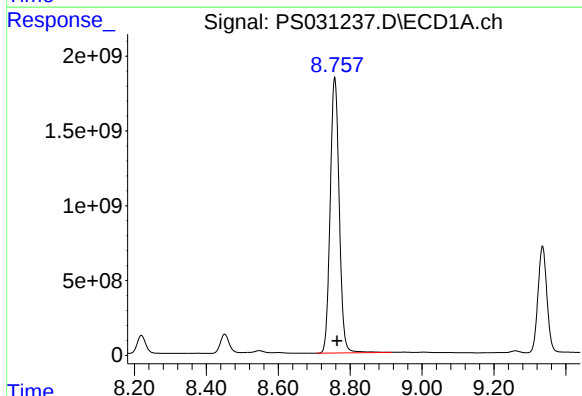
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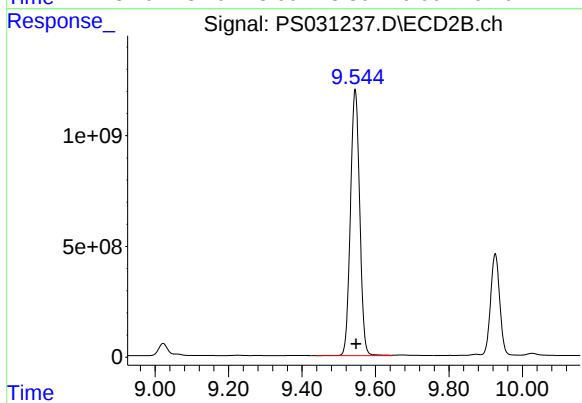
#9 2,4-D

R.T.: 9.021 min
Delta R.T.: -0.003 min
Response: 926787033
Conc: 545.71 ng/ml m



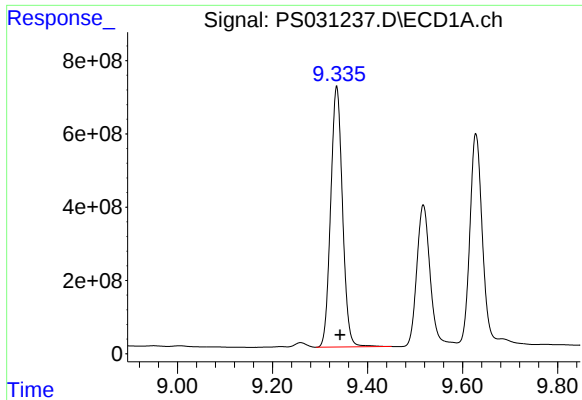
#10 Pentachlorophenol

R.T.: 8.757 min
Delta R.T.: -0.007 min
Response: 32146957323
Conc: 588.54 ng/ml



#10 Pentachlorophenol

R.T.: 9.545 min
Delta R.T.: -0.002 min
Response: 20997265798
Conc: 537.27 ng/ml



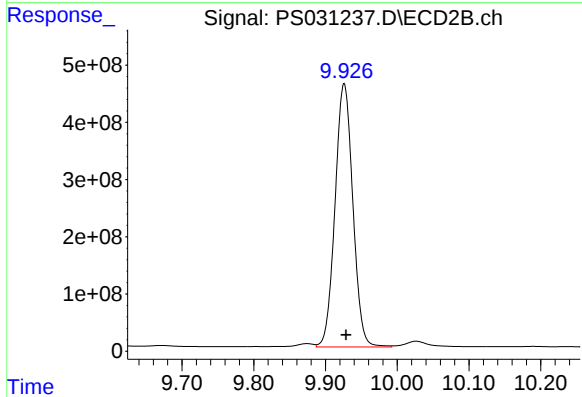
#11 2,4,5-TP (SILVEX)

R.T.: 9.335 min
Delta R.T.: -0.007 min
Response: 12279800677
Conc: 559.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169001BS

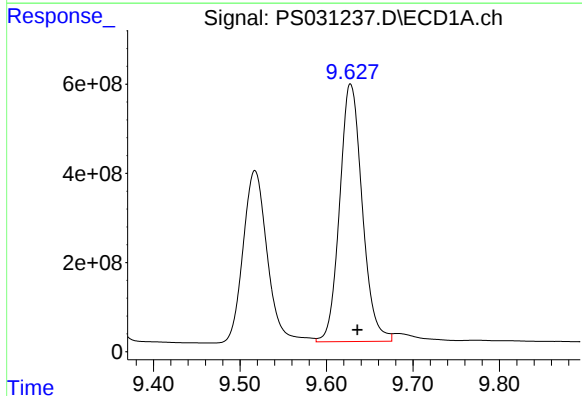
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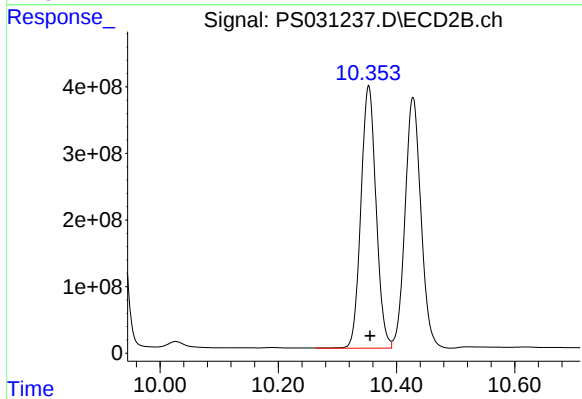
#11 2,4,5-TP (SILVEX)

R.T.: 9.926 min
Delta R.T.: -0.003 min
Response: 7936581553
Conc: 532.86 ng/ml



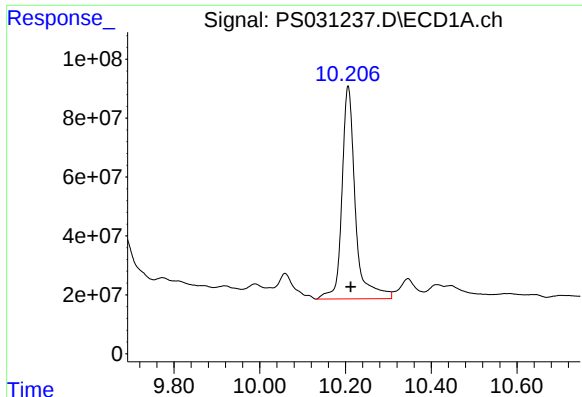
#12 2,4,5-T

R.T.: 9.628 min
Delta R.T.: -0.008 min
Response: 10468914403
Conc: 536.10 ng/ml



#12 2,4,5-T

R.T.: 10.353 min
Delta R.T.: -0.003 min
Response: 7013501928
Conc: 493.23 ng/ml



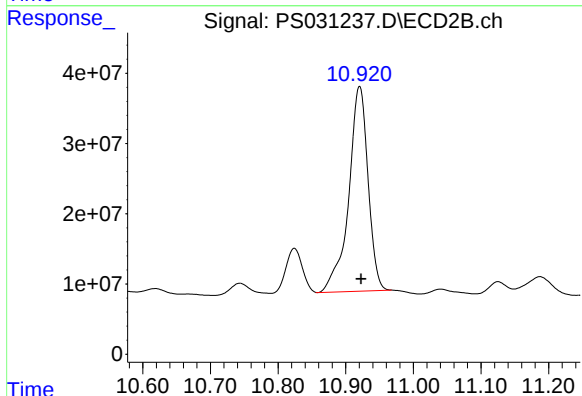
#13 2,4-DB

R.T.: 10.206 min
Delta R.T.: -0.006 min
Response: 1568749061
Conc: 524.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169001BS

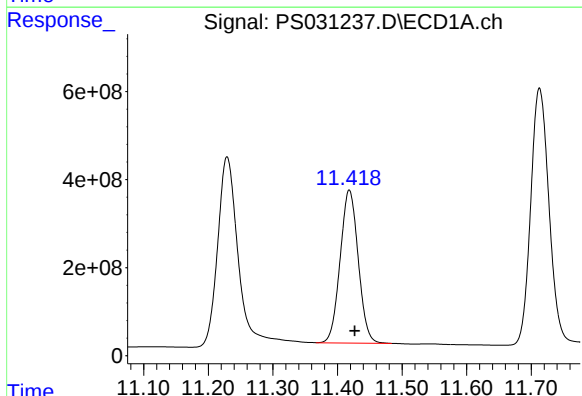
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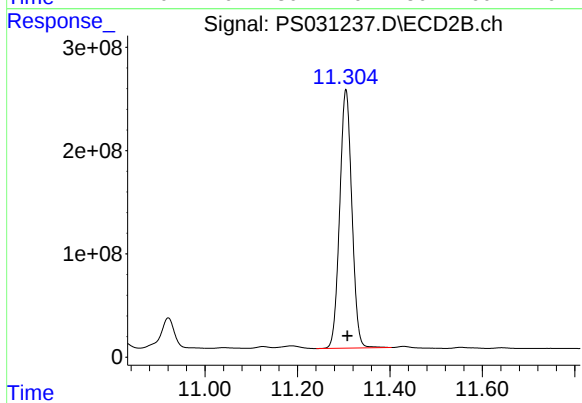
#13 2,4-DB

R.T.: 10.920 min
Delta R.T.: -0.003 min
Response: 579059841
Conc: 494.71 ng/ml m



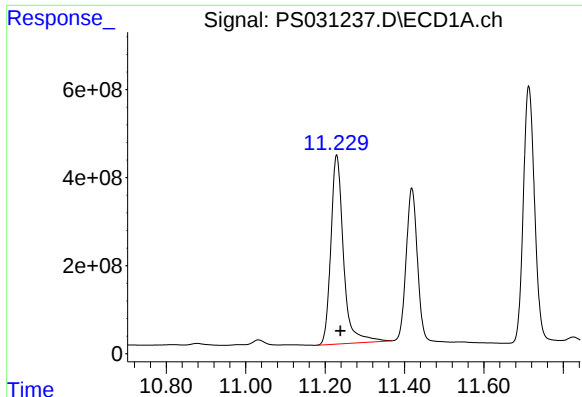
#14 DINOSEB

R.T.: 11.418 min
Delta R.T.: -0.009 min
Response: 6756587961
Conc: 433.96 ng/ml m



#14 DINOSEB

R.T.: 11.305 min
Delta R.T.: -0.003 min
Response: 4565923814
Conc: 403.99 ng/ml



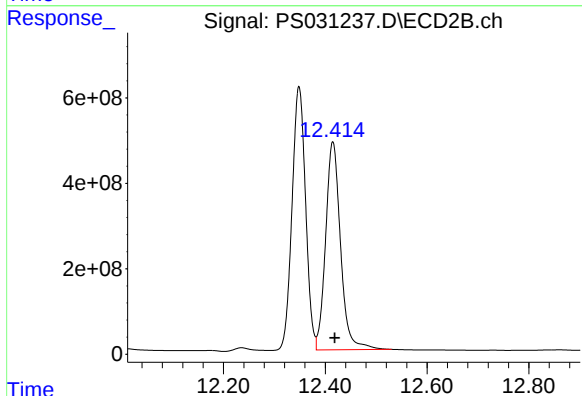
#15 Picloram

R.T.: 11.229 min
Delta R.T.: -0.010 min
Response: 9502781108
Conc: 474.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169001BS

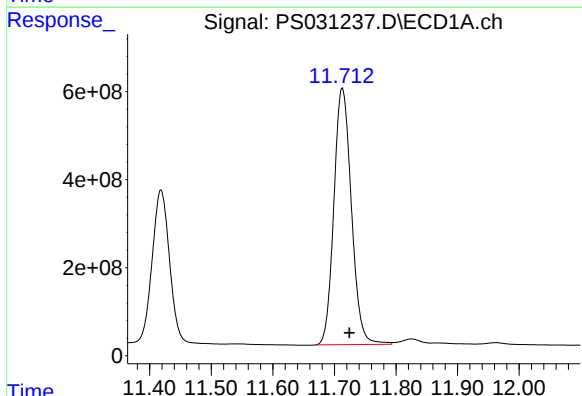
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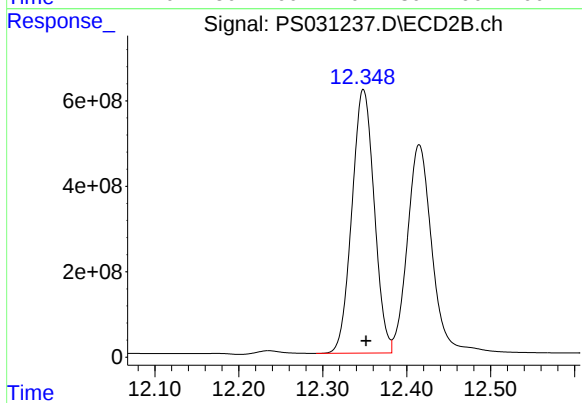
#15 Picloram

R.T.: 12.415 min
Delta R.T.: -0.004 min
Response: 9927565925
Conc: 398.78 ng/ml



#16 DCPA

R.T.: 11.713 min
Delta R.T.: -0.012 min
Response: 11529143776
Conc: 401.80 ng/ml



#16 DCPA

R.T.: 12.348 min
Delta R.T.: -0.003 min
Response: 11386408332
Conc: 494.29 ng/ml