

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS110325\
 Data File : PS032256.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Nov 2025 23:02
 Operator : AR\AJ
 Sample : Q3469-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-13MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/04/2025
 Supervised By :Yogesh Patel 11/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 05:43:18 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	7.282	7.613	1716.1E6	1342.9E6	378.733m	368.380
Target Compounds							
1) T	Dalapon	2.645	2.604	569.4E6	6645.8E6	79.316m	955.678 #
2) T	3,5-DICHL...	6.451	6.588	1102.2E6	858.8E6	170.454	142.922
3) T	4-Nitroph...	7.084	7.224f	98400230	185.6E6	73.299m	81.746m
5) T	DICAMBA	7.465	7.806	2791.0E6	2929.8E6	147.935m	169.621m
6) T	MCPD	7.642	7.902	89241996	82843226	8.195	6.228
7) T	MCPA	7.790	8.145	198.5E6	82120413	14.782	5.037m#
8) T	DICHLORPROP	8.176	8.522	840.8E6	598.0E6	188.996	125.391m#
9) T	2,4-D	8.418	8.867	743.8E6	808.1E6	164.857	154.057
10) T	Pentachlo...	8.704	9.358	7279.4E6	7366.0E6	116.027	125.480
11) T	2,4,5-TP ...	9.282	9.744	4890.1E6	4798.8E6	187.999	178.701m
12) T	2,4,5-T	9.583	10.176	4023.7E6	4540.0E6	168.793	191.416m
13) T	2,4-DB	10.160	10.741	408.7E6	538.8E6	155.108m	142.858m
15) T	Picloram	11.192	12.230	3017.9E6	5133.6E6	142.184m	138.066
16) T	DCPA	11.641	12.138	4169.7E6	6151.2E6	124.275	193.067m#

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

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Acq On : 03 Nov 2025 23:02
Operator : AR\AJ
Sample : Q3469-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

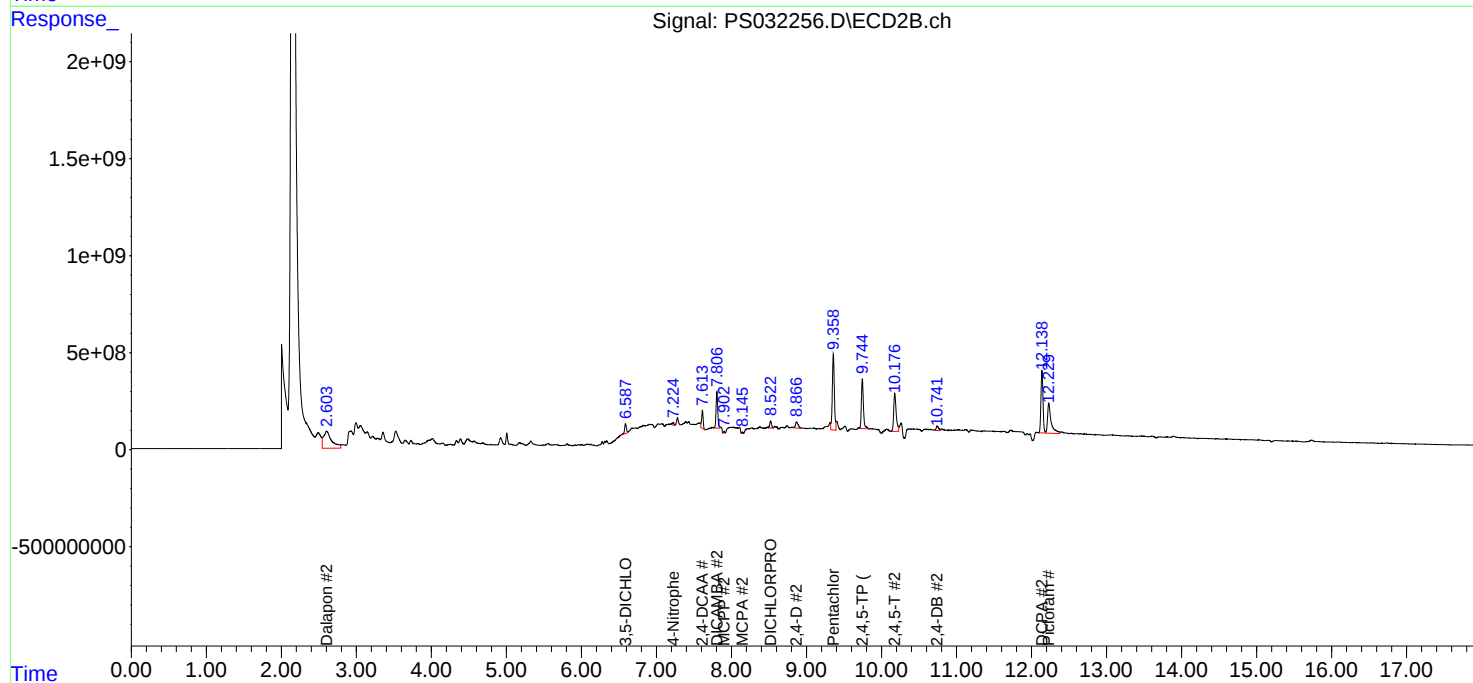
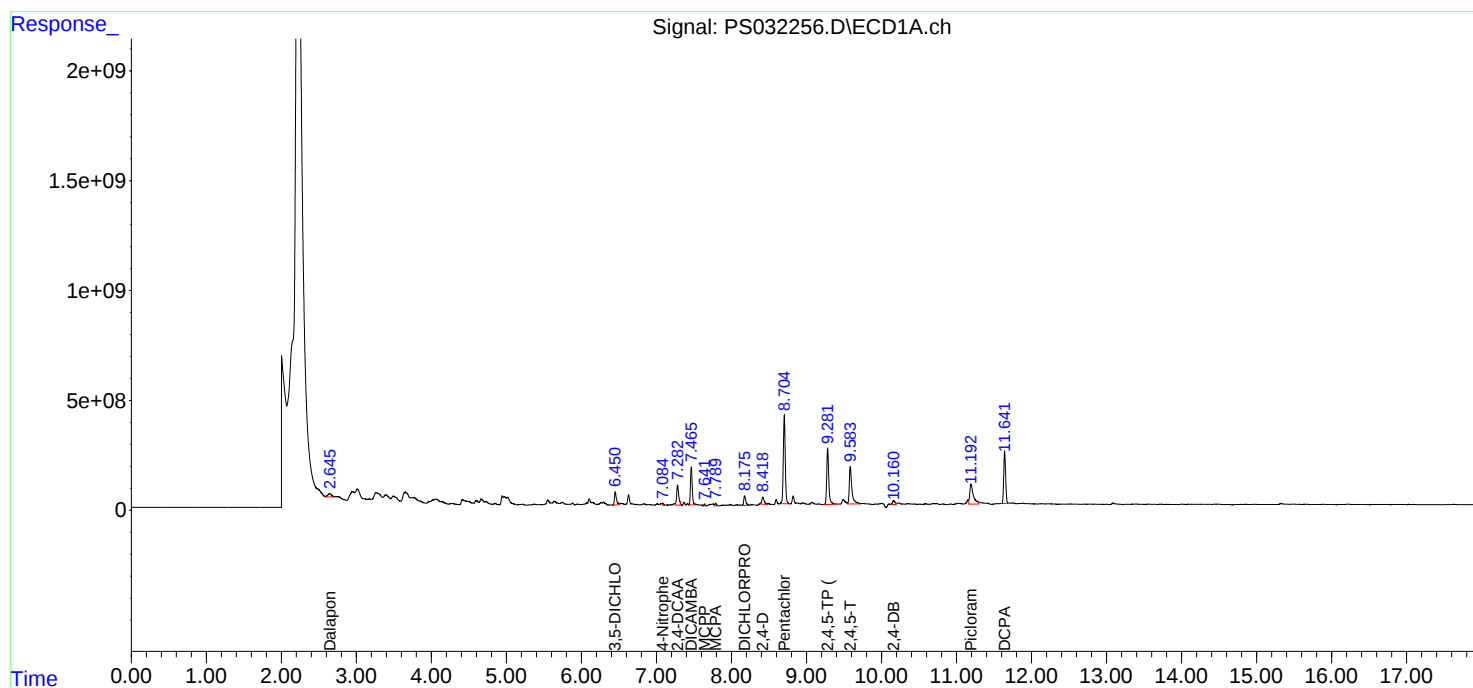
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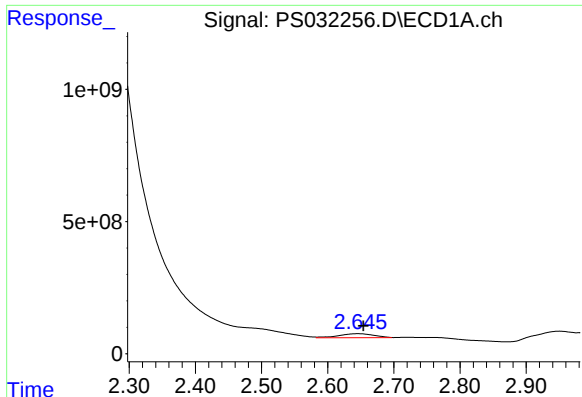
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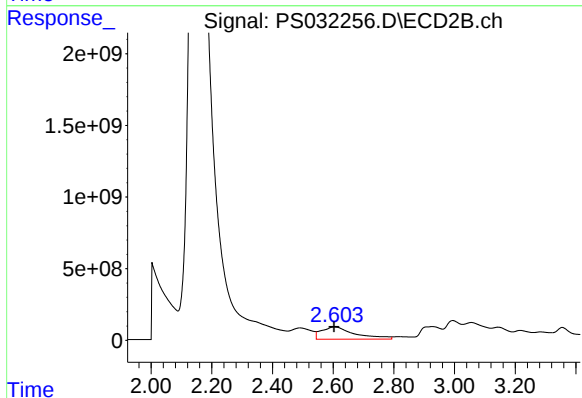
#1 Dalapon

R.T.: 2.645 min
Delta R.T.: -0.009 min
Response: 569393552
Conc: 79.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-13MSD

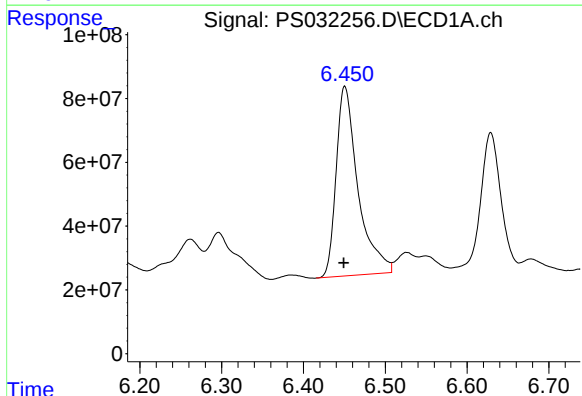
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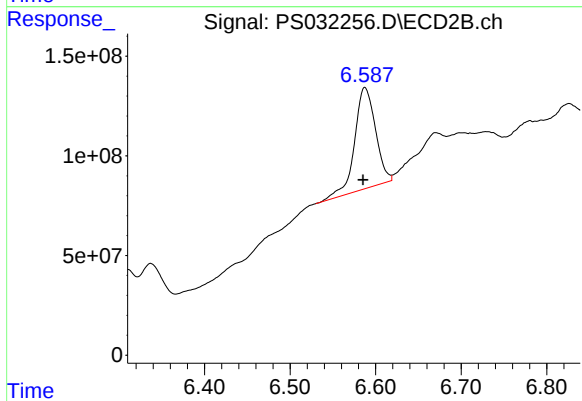
#1 Dalapon

R.T.: 2.604 min
Delta R.T.: 0.002 min
Response: 6645784549
Conc: 955.68 ng/ml



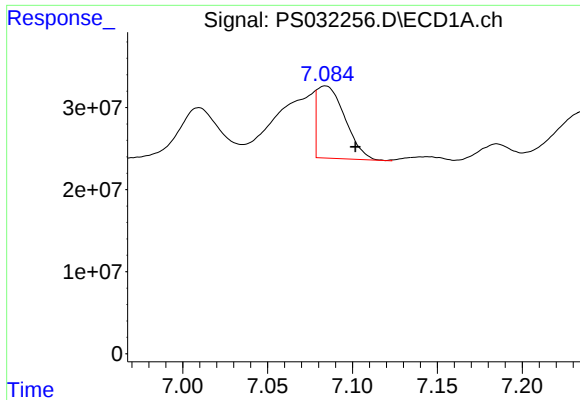
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.451 min
Delta R.T.: 0.001 min
Response: 1102191668
Conc: 170.45 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.588 min
Delta R.T.: 0.002 min
Response: 858806231
Conc: 142.92 ng/ml



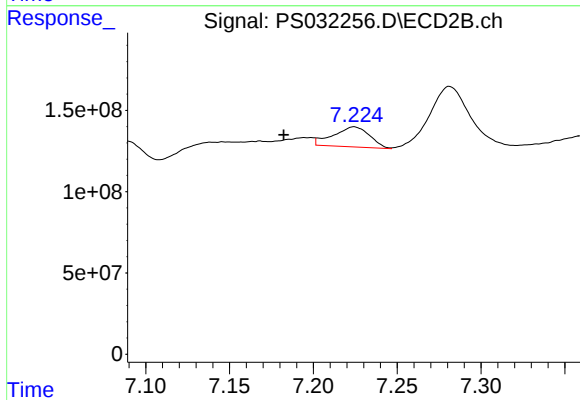
#3 4-Nitrophenol

R.T.: 7.084 min
Delta R.T.: -0.018 min
Response: 98400230
Conc: 73.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-13MSD

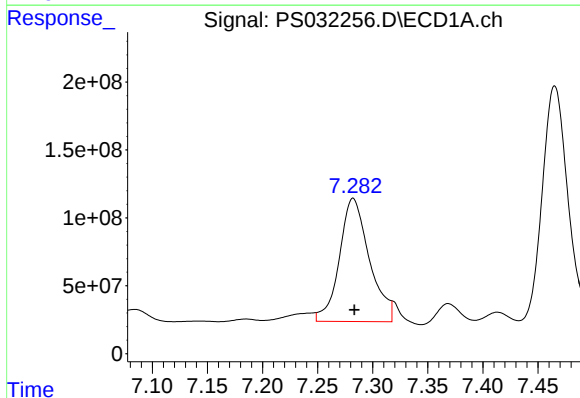
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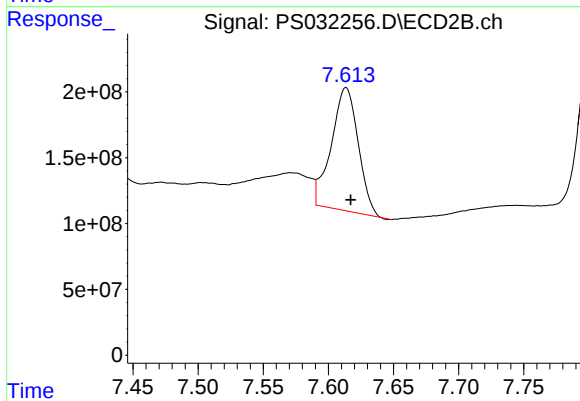
#3 4-Nitrophenol

R.T.: 7.224 min
Delta R.T.: 0.042 min
Response: 185556842
Conc: 81.75 ng/ml m



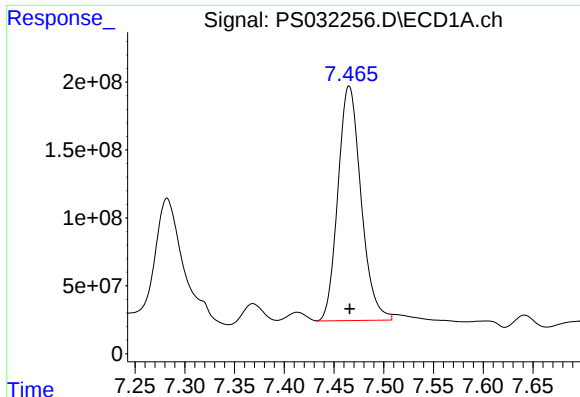
#4 2,4-DCAA

R.T.: 7.282 min
Delta R.T.: -0.002 min
Response: 1716143797
Conc: 378.73 ng/ml m



#4 2,4-DCAA

R.T.: 7.613 min
Delta R.T.: -0.004 min
Response: 1342929233
Conc: 368.38 ng/ml



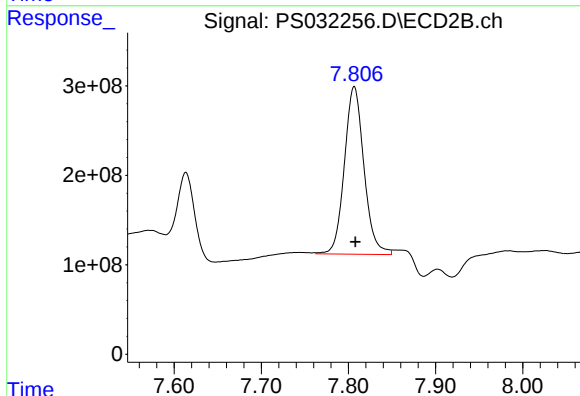
#5 DICAMBA

R.T.: 7.465 min
Delta R.T.: -0.001 min
Response: 2790972286
Conc: 147.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-13MSD

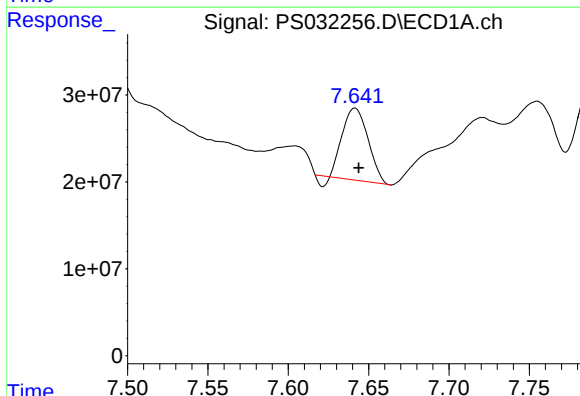
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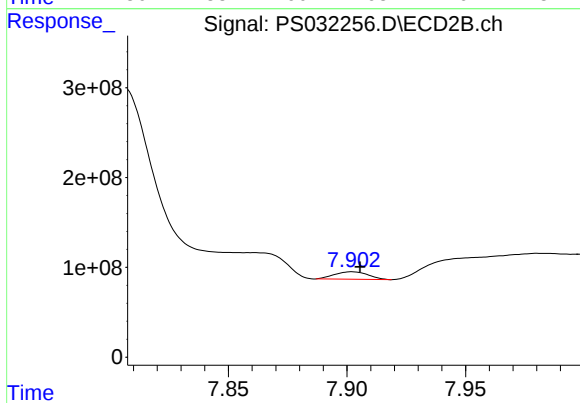
#5 DICAMBA

R.T.: 7.806 min
Delta R.T.: -0.002 min
Response: 2929776582
Conc: 169.62 ng/ml m



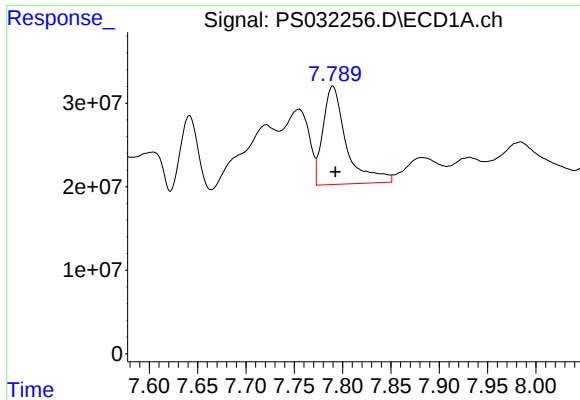
#6 MCP

R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 89241996
Conc: 8.19 ug/ml



#6 MCP

R.T.: 7.902 min
Delta R.T.: -0.003 min
Response: 82843226
Conc: 6.23 ug/ml



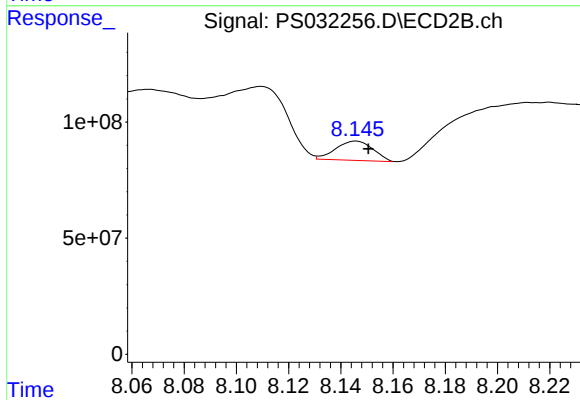
#7 MCPA

R.T.: 7.790 min
Delta R.T.: -0.003 min
Response: 198458467
Conc: 14.78 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-13MSD

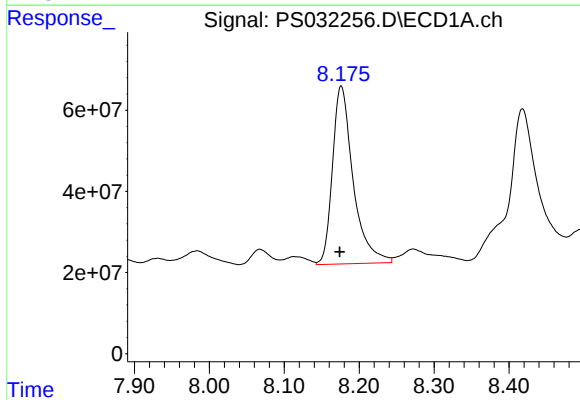
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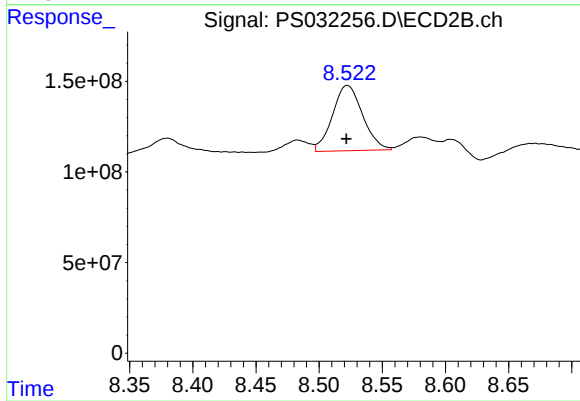
#7 MCPA

R.T.: 8.145 min
Delta R.T.: -0.005 min
Response: 82120413
Conc: 5.04 ug/ml m



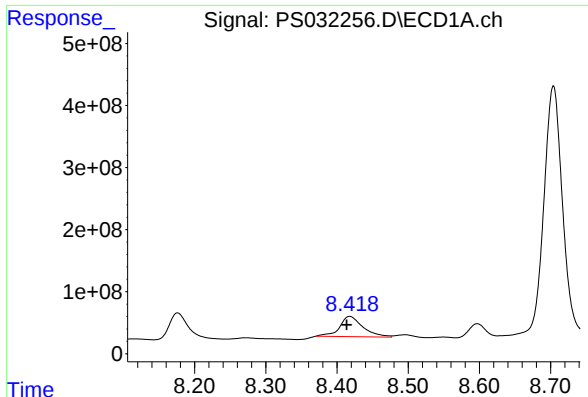
#8 DICHLORPROP

R.T.: 8.176 min
Delta R.T.: 0.002 min
Response: 840797437
Conc: 189.00 ng/ml



#8 DICHLORPROP

R.T.: 8.522 min
Delta R.T.: 0.000 min
Response: 598007111
Conc: 125.39 ng/ml m



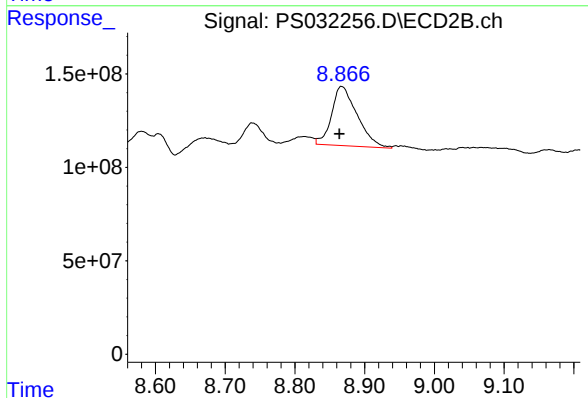
#9 2,4-D

R.T.: 8.418 min
Delta R.T.: 0.004 min
Response: 743805425
Conc: 164.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-13MSD

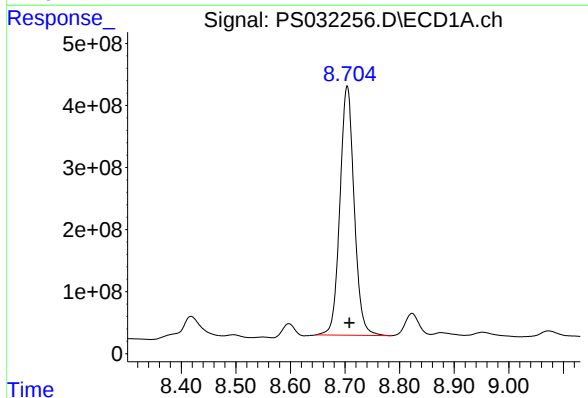
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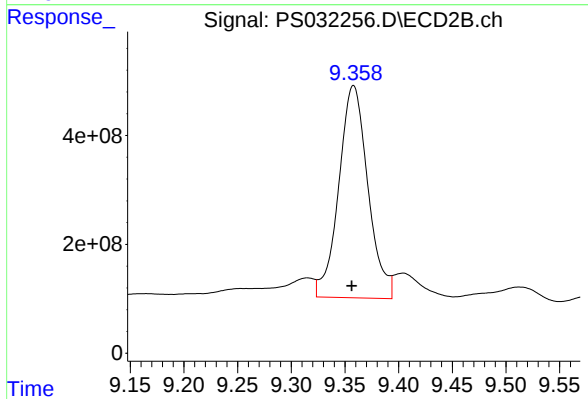
#9 2,4-D

R.T.: 8.867 min
Delta R.T.: 0.004 min
Response: 808128844
Conc: 154.06 ng/ml



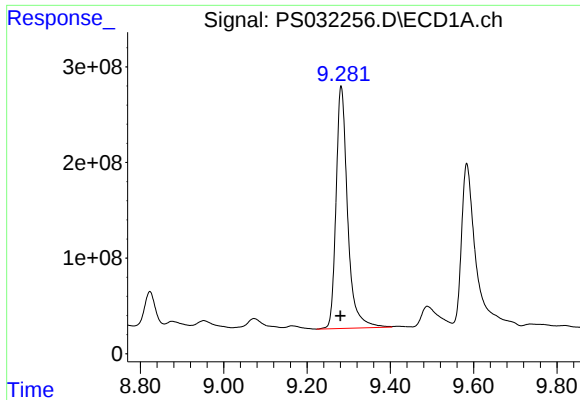
#10 Pentachlorophenol

R.T.: 8.704 min
Delta R.T.: -0.004 min
Response: 7279427044
Conc: 116.03 ng/ml



#10 Pentachlorophenol

R.T.: 9.358 min
Delta R.T.: 0.002 min
Response: 7366016582
Conc: 125.48 ng/ml



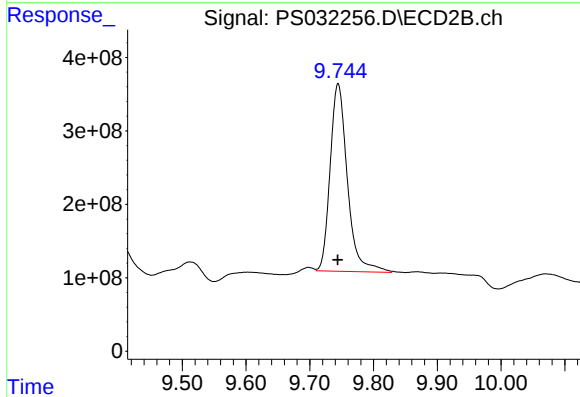
#11 2,4,5-TP (SILVEX)

R.T.: 9.282 min
Delta R.T.: 0.002 min
Response: 4890135649
Conc: 188.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
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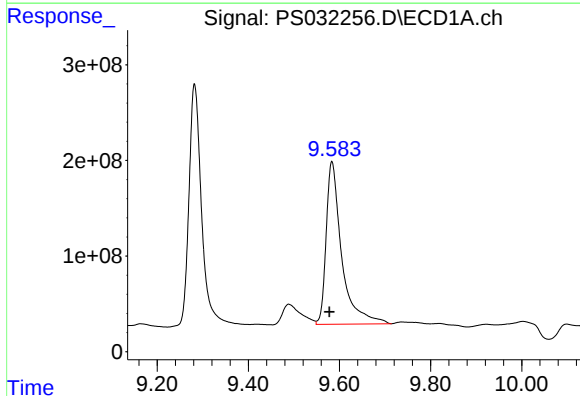
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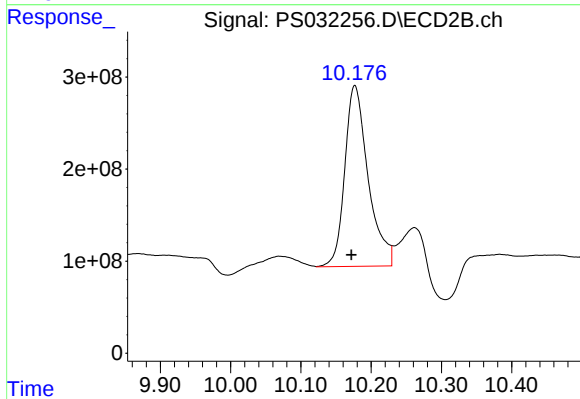
#11 2,4,5-TP (SILVEX)

R.T.: 9.744 min
Delta R.T.: 0.000 min
Response: 4798825826
Conc: 178.70 ng/ml m



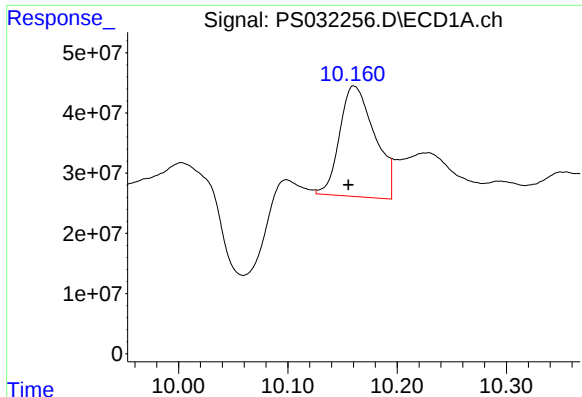
#12 2,4,5-T

R.T.: 9.583 min
Delta R.T.: 0.005 min
Response: 4023732807
Conc: 168.79 ng/ml



#12 2,4,5-T

R.T.: 10.176 min
Delta R.T.: 0.005 min
Response: 4540003560
Conc: 191.42 ng/ml m



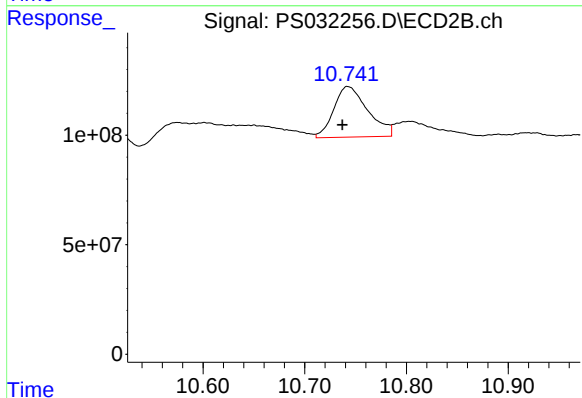
#13 2,4-DB

R.T.: 10.160 min
Delta R.T.: 0.004 min
Response: 408728044
Conc: 155.11 ng/ml

Instrument :
ECD_S
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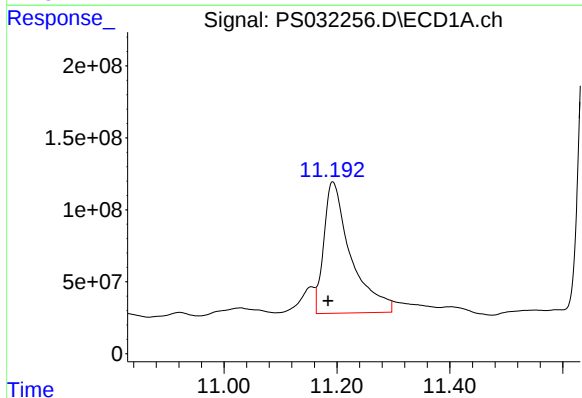
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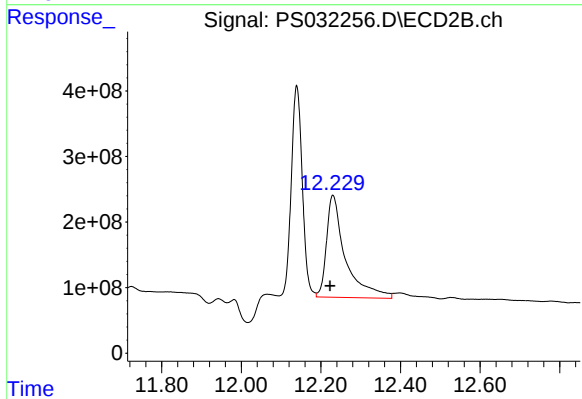
#13 2,4-DB

R.T.: 10.741 min
Delta R.T.: 0.004 min
Response: 538767382
Conc: 142.86 ng/ml m



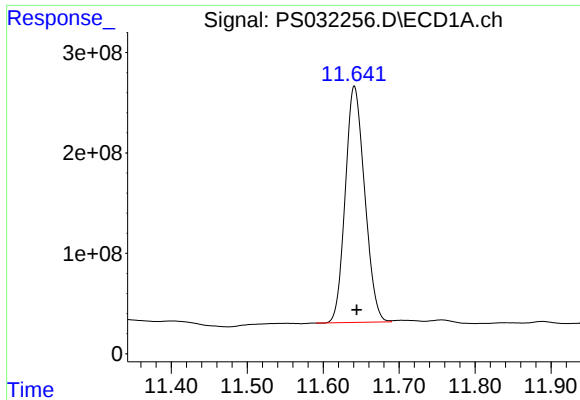
#15 Picloram

R.T.: 11.192 min
Delta R.T.: 0.008 min
Response: 3017926383
Conc: 142.18 ng/ml m



#15 Picloram

R.T.: 12.230 min
Delta R.T.: 0.007 min
Response: 5133574391
Conc: 138.07 ng/ml



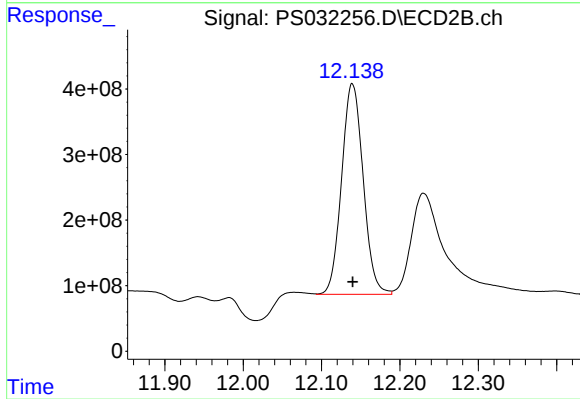
#16 DCPA

R.T.: 11.641 min
Delta R.T.: -0.003 min
Response: 4169673338
Conc: 124.27 ng/ml

Instrument :
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#16 DCPA

R.T.: 12.138 min
Delta R.T.: -0.001 min
Response: 6151214434
Conc: 193.07 ng/ml m