

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060625\
 Data File : PS030545.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2025 22:24
 Operator : AR\AJ
 Sample : PB168329BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PB168329BS

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 06/09/2025

Supervised By :mohammad ahmed 06/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 01:18:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.362	7.771	1975.8E6	543.8E6	523.379m	505.558
Target Compounds							
1) T	Dalapon	2.717	2.712	2692.2E6	1264.9E6	476.751	461.623
2) T	3,5-DICHL...	6.519	6.716	2667.6E6	748.2E6	491.603	478.310
3) T	4-Nitroph...	7.162	7.302	833.7E6	749.7E6	454.645	478.335
5) T	DICAMBA	7.553	7.974	7673.4E6	3107.8E6	497.548	482.450
6) T	MCP	7.734	8.073	456.7E6	108.4E6	46.113m	46.886
7) T	MCPA	7.884	8.321	566.7E6	131.2E6	44.656	42.500
8) T	DICHLORPROP	8.269	8.695	1767.5E6	713.3E6	485.822	480.570
9) T	2,4-D	8.502	9.030	1699.6E6	796.5E6	466.472	506.560m
10) T	Pentachlo...	8.811	9.557	27456.5E6	18208.6E6	540.629	503.862
11) T	2,4,5-TP ...	9.393	9.938	10254.1E6	6747.7E6	496.203	491.929
12) T	2,4,5-T	9.687	10.363	8538.1E6	6341.0E6	463.247	485.638
13) T	2,4-DB	10.267	10.931	1286.1E6	547.3E6	423.573	476.127
14) T	DINOSEB	11.489	11.317	7060.9E6	4899.9E6	491.192	487.544
15) T	Picloram	11.295	12.424	8045.3E6	9906.7E6	402.167m	448.594
16) T	DCPA	11.785	12.361	13438.5E6	10255.0E6	508.264	501.148

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

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Acq On : 06 Jun 2025 22:24
Operator : AR\AJ
Sample : PB168329BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

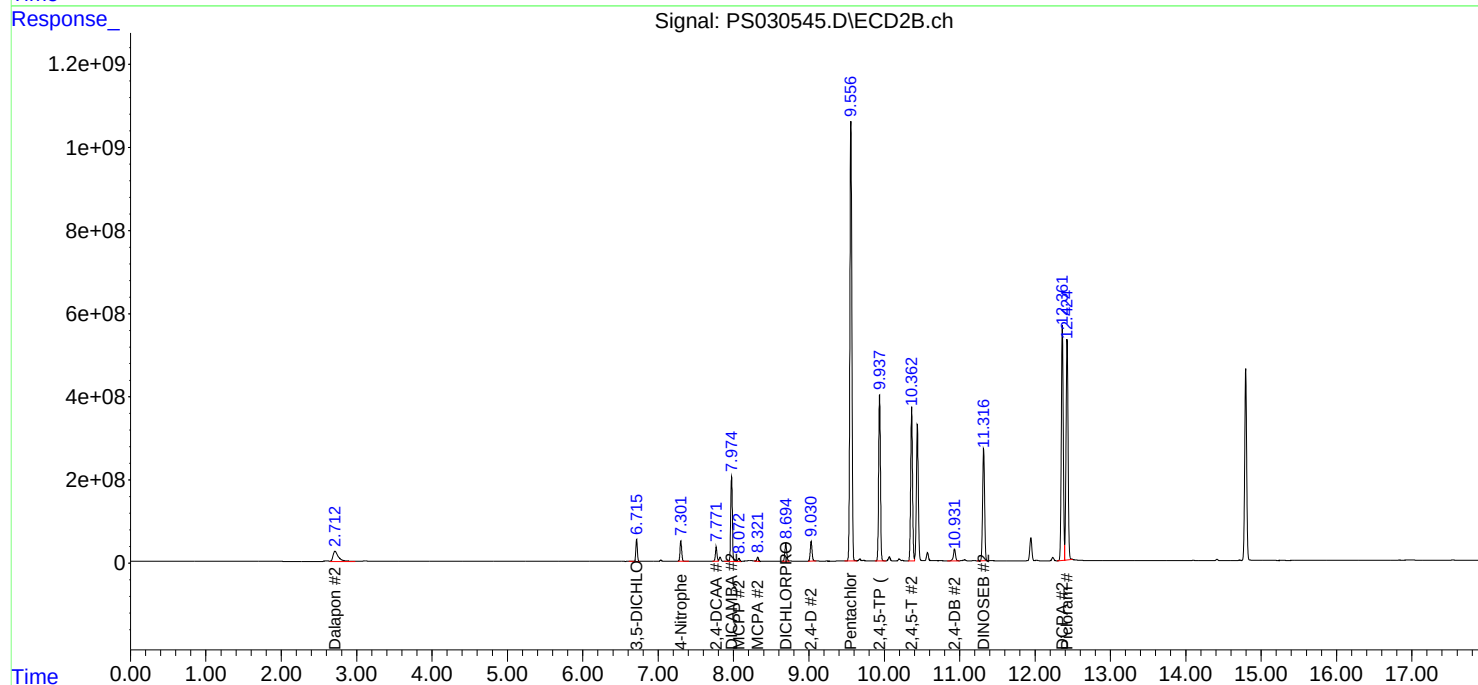
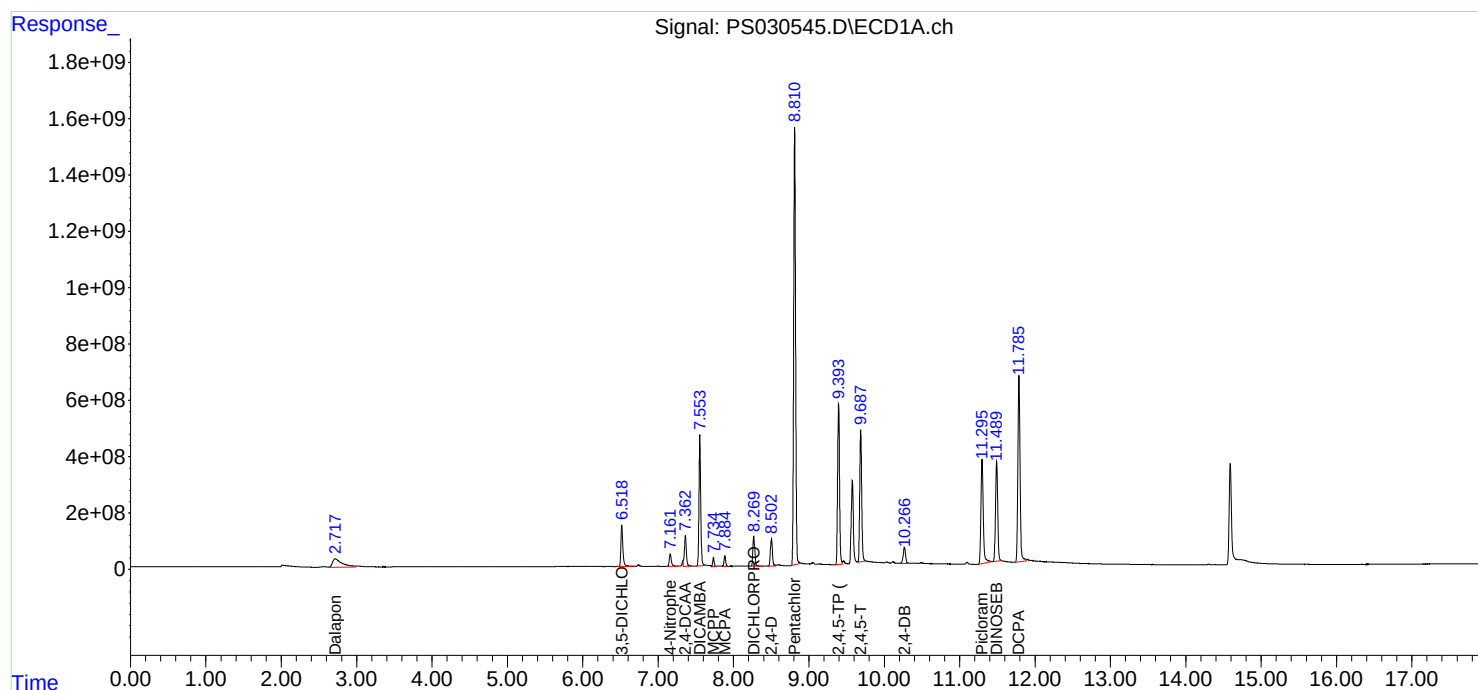
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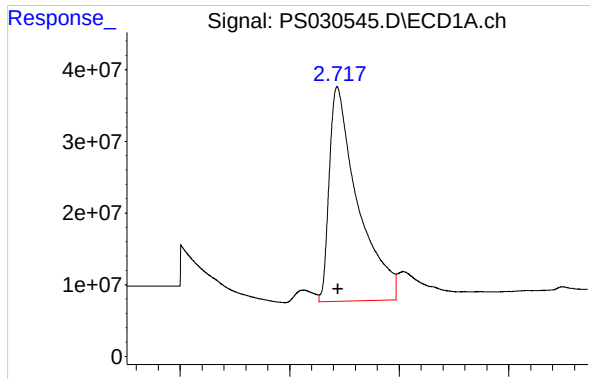
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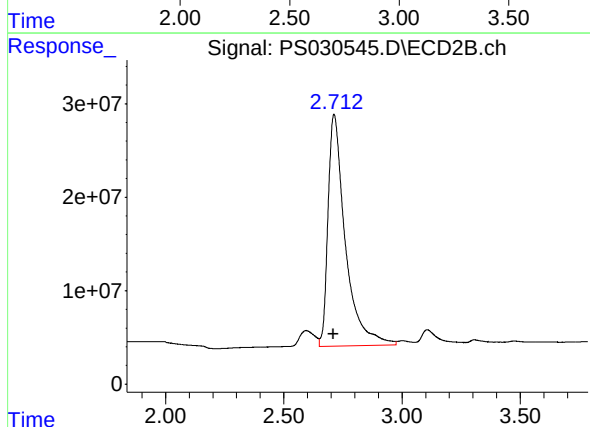
#1 Dalapon

R.T.: 2.717 min
Delta R.T.: -0.003 min
Response: 2692201003
Conc: 476.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168329BS

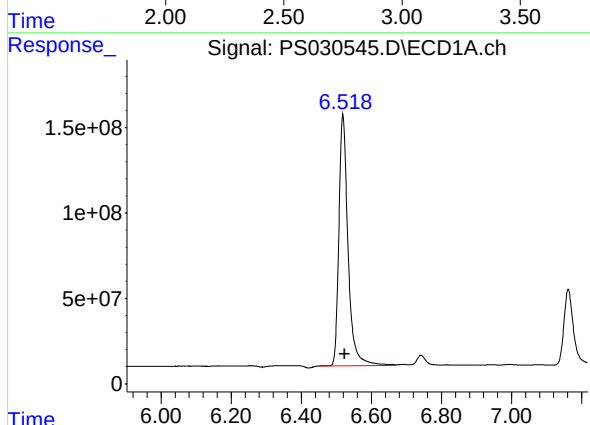
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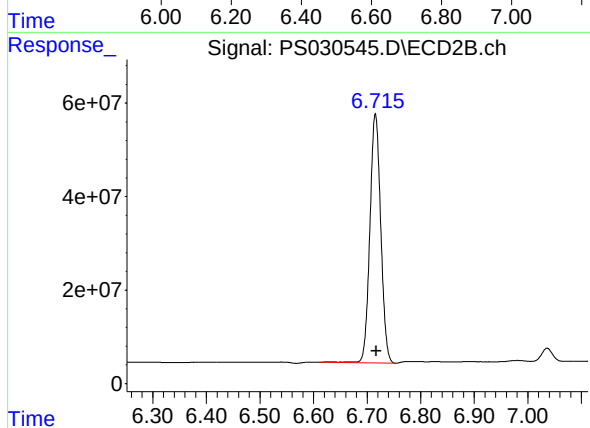
#1 Dalapon

R.T.: 2.712 min
Delta R.T.: 0.002 min
Response: 1264854780
Conc: 461.62 ng/ml



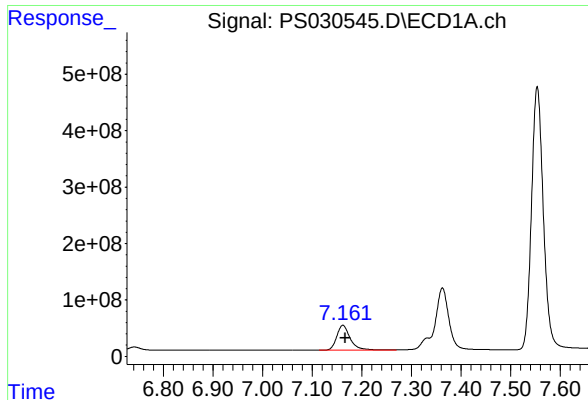
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.519 min
Delta R.T.: -0.005 min
Response: 2667609569
Conc: 491.60 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.716 min
Delta R.T.: -0.002 min
Response: 748195539
Conc: 478.31 ng/ml



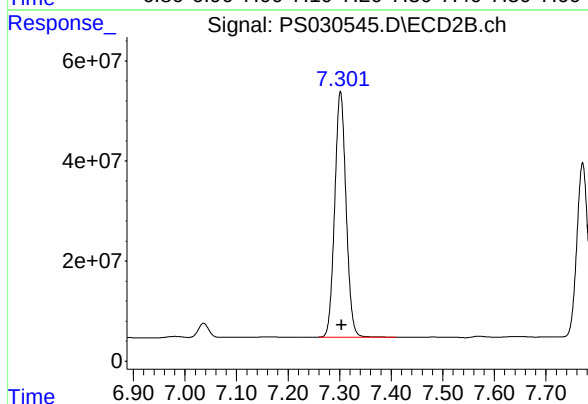
#3 4-Nitrophenol

R.T.: 7.162 min
Delta R.T.: -0.005 min
Response: 833708450
Conc: 454.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168329BS

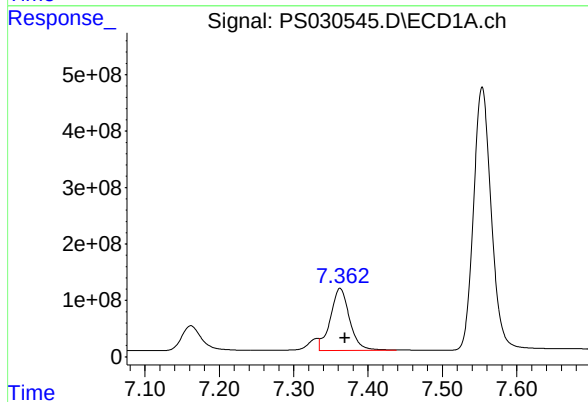
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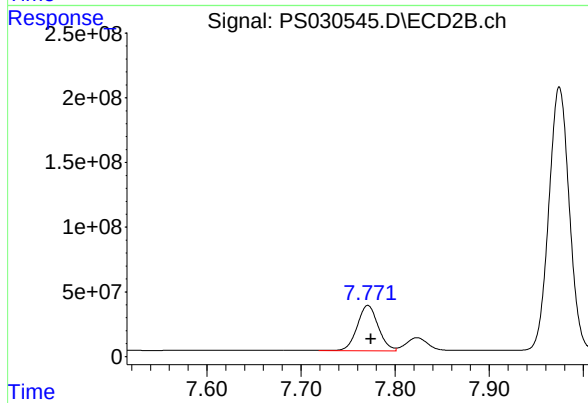
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: -0.002 min
Response: 749666309
Conc: 478.33 ng/ml



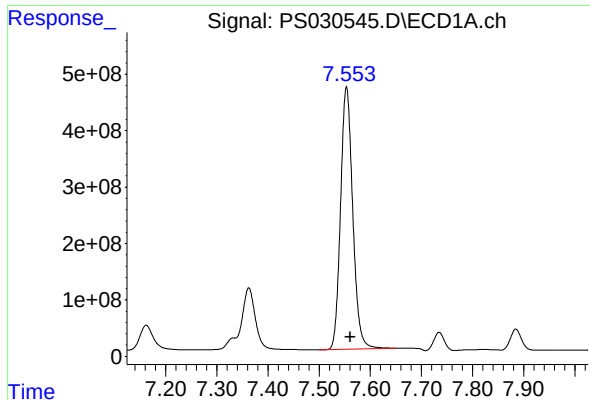
#4 2,4-DCAA

R.T.: 7.362 min
Delta R.T.: -0.007 min
Response: 1975832825
Conc: 523.38 ng/ml m



#4 2,4-DCAA

R.T.: 7.771 min
Delta R.T.: -0.003 min
Response: 543783204
Conc: 505.56 ng/ml



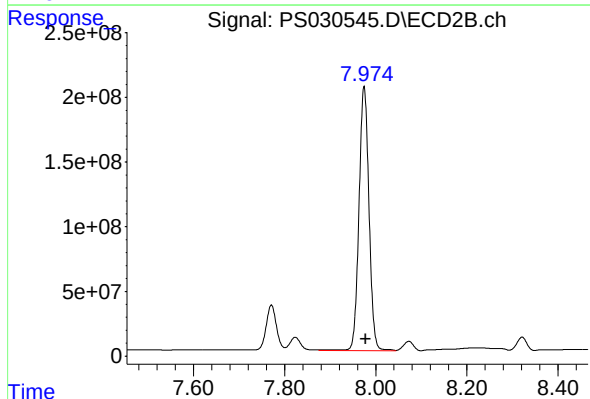
#5 DICAMBA

R.T.: 7.553 min
Delta R.T.: -0.008 min
Response: 7673445903
Conc: 497.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168329BS

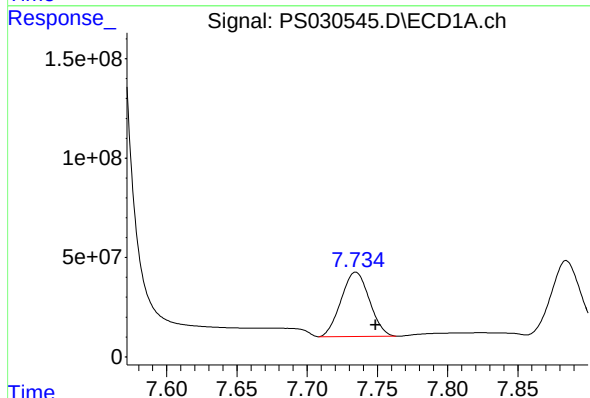
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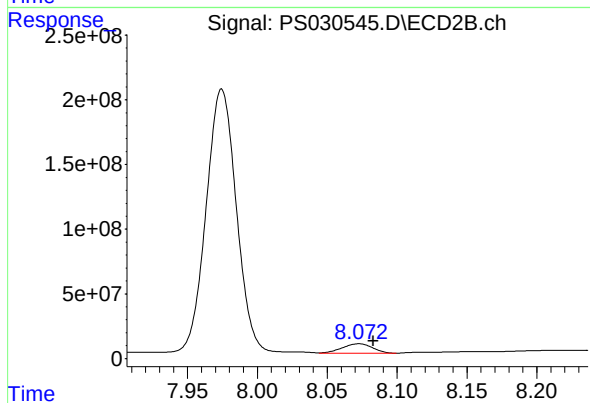
#5 DICAMBA

R.T.: 7.974 min
Delta R.T.: -0.004 min
Response: 3107771842
Conc: 482.45 ng/ml



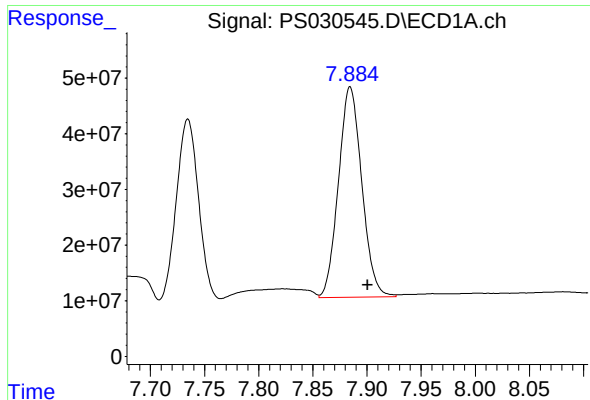
#6 MCPP

R.T.: 7.734 min
Delta R.T.: -0.015 min
Response: 456743447
Conc: 46.11 ug/ml m



#6 MCPP

R.T.: 8.073 min
Delta R.T.: -0.010 min
Response: 108381773
Conc: 46.89 ug/ml



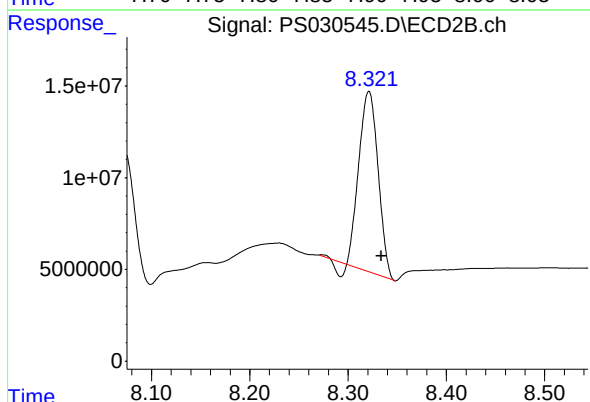
#7 MCPA

R.T.: 7.884 min
Delta R.T.: -0.016 min
Response: 566660120
Conc: 44.66 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168329BS

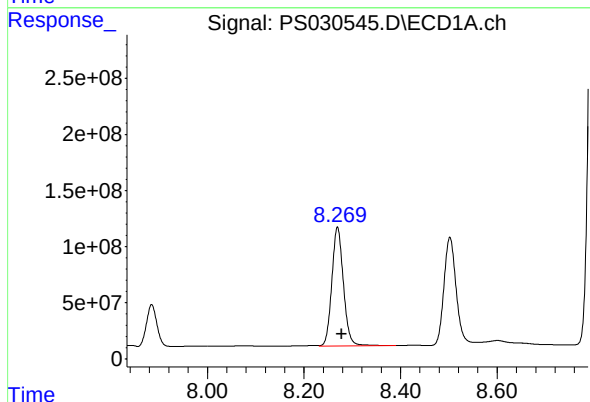
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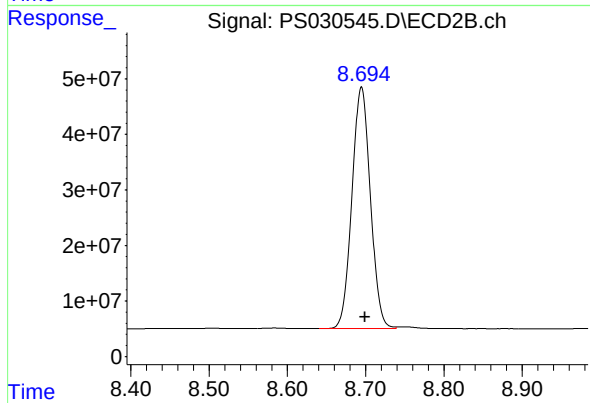
#7 MCPA

R.T.: 8.321 min
Delta R.T.: -0.012 min
Response: 131150138
Conc: 42.50 ug/ml



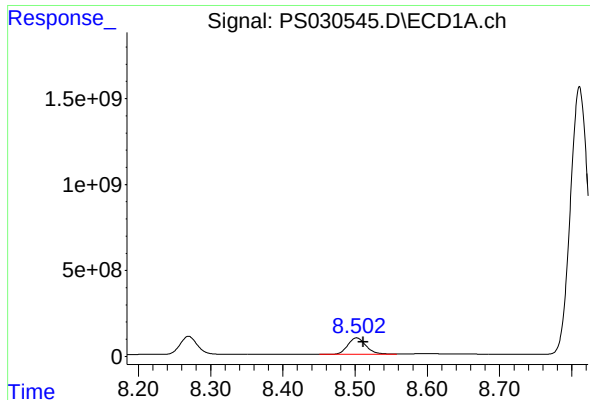
#8 DICHLORPROP

R.T.: 8.269 min
Delta R.T.: -0.009 min
Response: 1767490169
Conc: 485.82 ng/ml



#8 DICHLORPROP

R.T.: 8.695 min
Delta R.T.: -0.004 min
Response: 713263205
Conc: 480.57 ng/ml



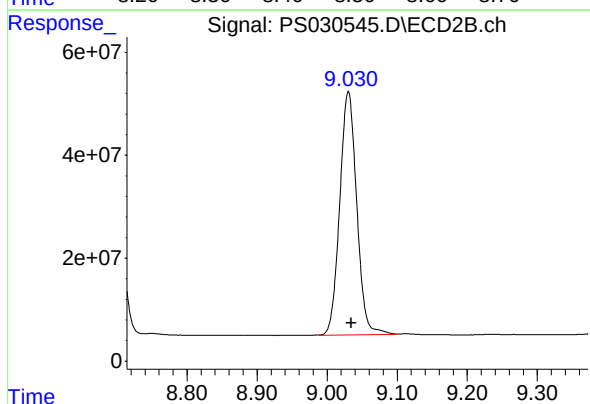
#9 2,4-D

R.T.: 8.502 min
Delta R.T.: -0.009 min
Response: 1699643569
Conc: 466.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168329BS

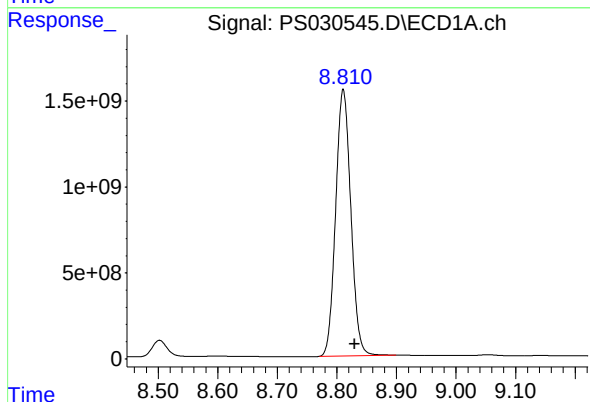
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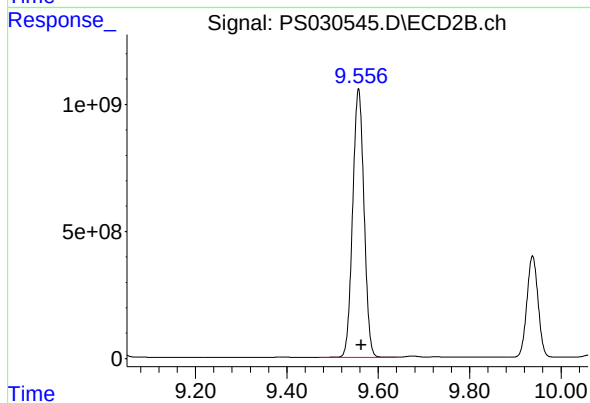
#9 2,4-D

R.T.: 9.030 min
Delta R.T.: -0.005 min
Response: 796474737
Conc: 506.56 ng/ml



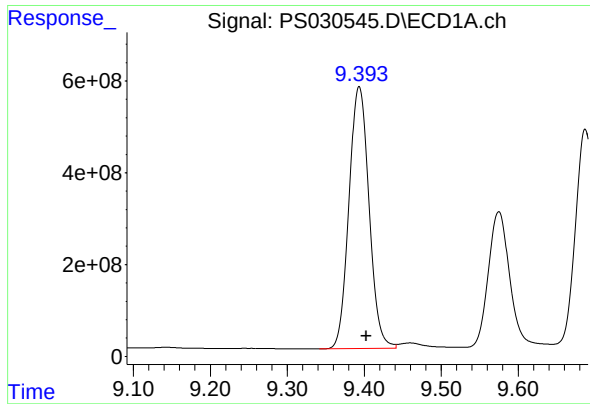
#10 Pentachlorophenol

R.T.: 8.811 min
Delta R.T.: -0.019 min
Response: 27456504718
Conc: 540.63 ng/ml



#10 Pentachlorophenol

R.T.: 9.557 min
Delta R.T.: -0.006 min
Response: 18208583160
Conc: 503.86 ng/ml



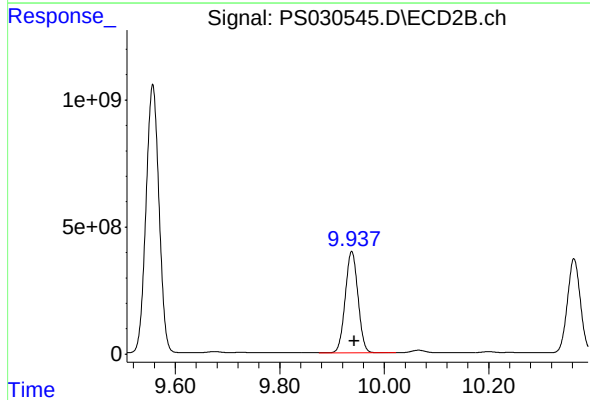
#11 2,4,5-TP (SILVEX)

R.T.: 9.393 min
Delta R.T.: -0.010 min
Response: 10254083799
Conc: 496.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168329BS

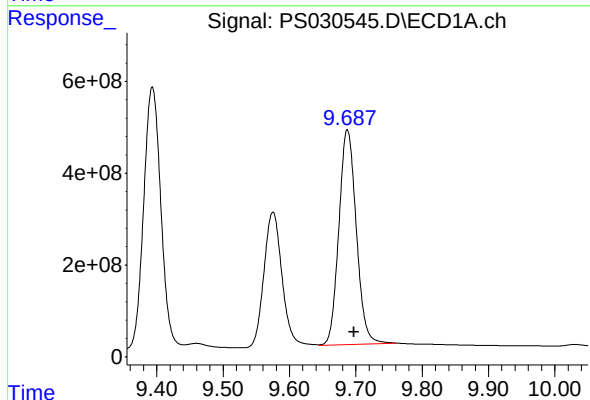
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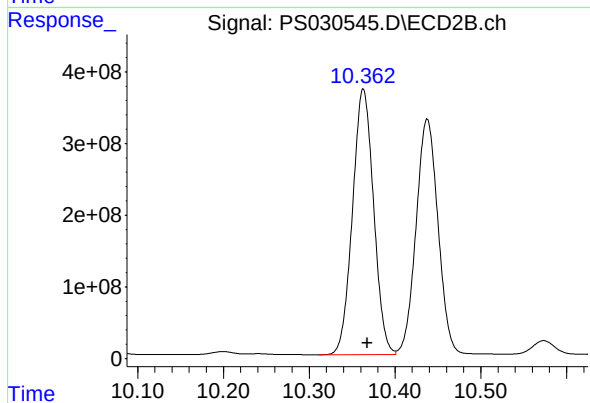
#11 2,4,5-TP (SILVEX)

R.T.: 9.938 min
Delta R.T.: -0.005 min
Response: 6747659954
Conc: 491.93 ng/ml



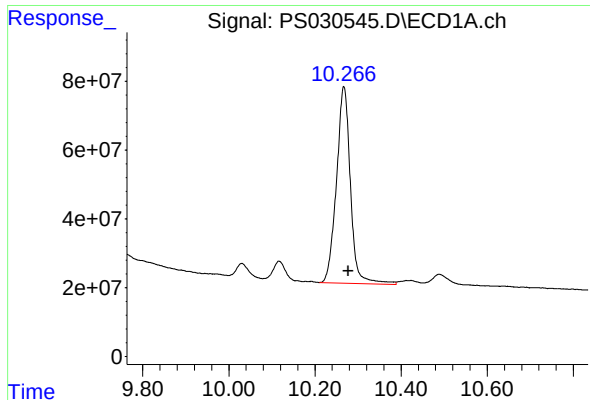
#12 2,4,5-T

R.T.: 9.687 min
Delta R.T.: -0.010 min
Response: 8538137410
Conc: 463.25 ng/ml



#12 2,4,5-T

R.T.: 10.363 min
Delta R.T.: -0.005 min
Response: 6341032816
Conc: 485.64 ng/ml



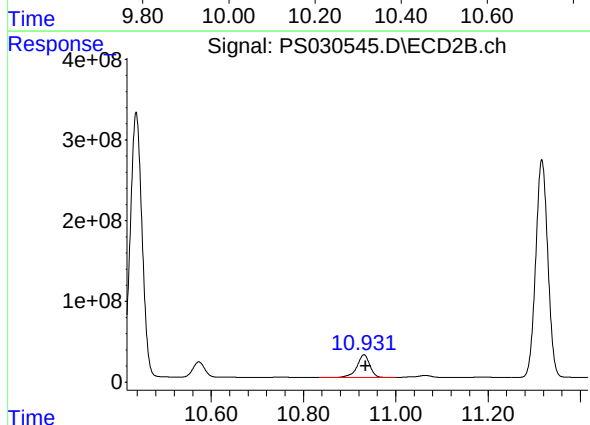
#13 2,4-DB

R.T.: 10.267 min
Delta R.T.: -0.010 min
Response: 1286122048
Conc: 423.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168329BS

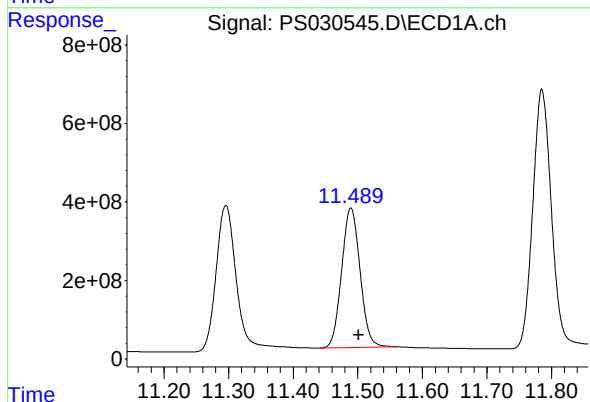
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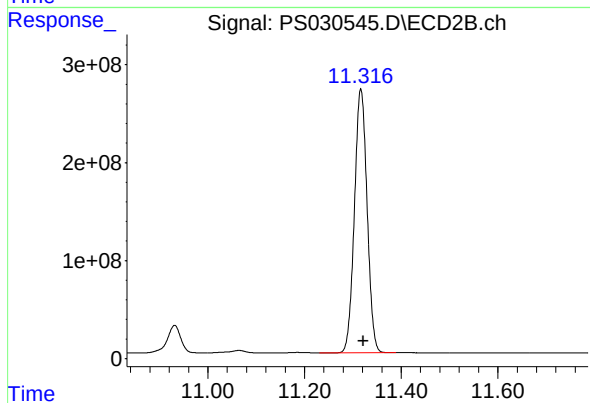
#13 2,4-DB

R.T.: 10.931 min
Delta R.T.: -0.004 min
Response: 547333560
Conc: 476.13 ng/ml



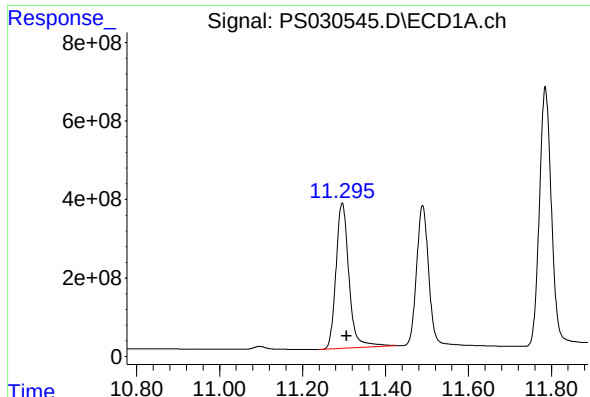
#14 DINOSEB

R.T.: 11.489 min
Delta R.T.: -0.012 min
Response: 7060857591
Conc: 491.19 ng/ml



#14 DINOSEB

R.T.: 11.317 min
Delta R.T.: -0.005 min
Response: 4899877789
Conc: 487.54 ng/ml



#15 Picloram

R.T.: 11.295 min
Delta R.T.: -0.011 min
Response: 8045274780
Conc: 402.17 ng/ml

Instrument :

ECD_S

ClientSampleId :

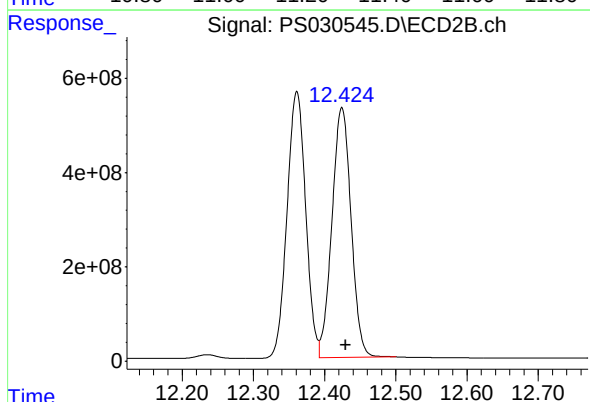
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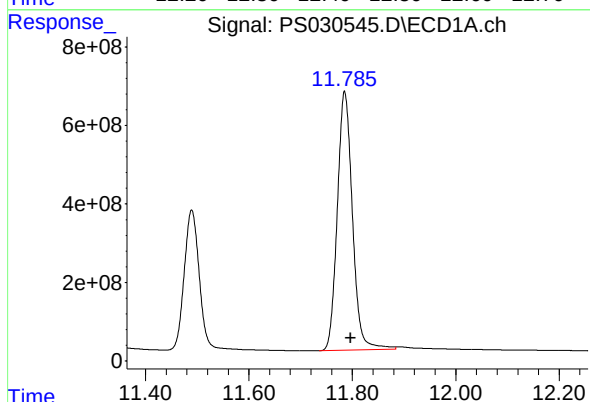
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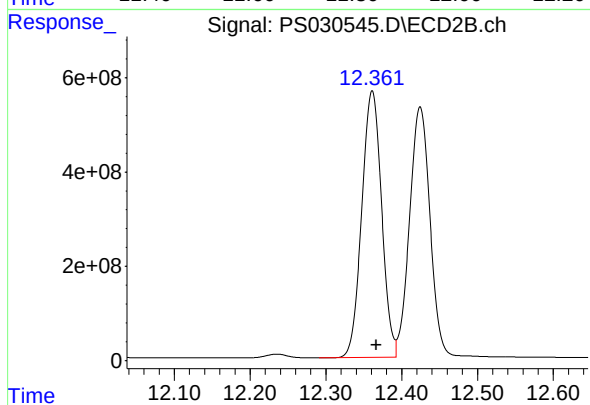
#15 Picloram

R.T.: 12.424 min
Delta R.T.: -0.005 min
Response: 9906688725
Conc: 448.59 ng/ml



#16 DCPA

R.T.: 11.785 min
Delta R.T.: -0.012 min
Response: 13438540056
Conc: 508.26 ng/ml



#16 DCPA

R.T.: 12.361 min
Delta R.T.: -0.006 min
Response: 10254965531
Conc: 501.15 ng/ml