

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091225\
 Data File : PS031725.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2025 16:44
 Operator : AR\AJ
 Sample : PB169669BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169669BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/15/2025
 Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 02:26:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.286	7.745	2122.6E6	482.1E6	589.354	530.399
Target Compounds							
1) T	Dalapon	2.672	2.690	2823.6E6	1382.0E6	488.454	490.479
2) T	3,5-DICHL...	6.454	6.697	2854.4E6	725.8E6	535.201	475.915m
3) T	4-Nitroph...	7.100	7.304	652.7E6	524.0E6	591.608	414.986 #
5) T	DICAMBA	7.470	7.939	8495.5E6	3302.0E6	544.699	507.472m
6) T	MCPD	7.646	8.035	465.0E6	100.7E6	52.017	53.469
7) T	MCPA	7.795	8.282	577.5E6	144.0E6	51.981	51.388
8) T	DICHLORPROP	8.178	8.660	1926.1E6	778.8E6	540.759	535.228
9) T	2,4-D	8.417	9.005	2087.4E6	830.5E6	609.349	504.826
10) T	Pentachlo...	8.708	9.509	31425.1E6	21797.7E6	591.879	549.190
11) T	2,4,5-TP ...	9.287	9.895	11641.2E6	8002.5E6	555.037	531.577
12) T	2,4,5-T	9.585	10.324	10398.7E6	6892.4E6	568.290	512.181
13) T	2,4-DB	10.160	10.893	1163.2E6	500.7E6	498.651m	467.899m
14) T	DINOSEB	11.356	11.267	7648.3E6	5599.6E6	530.297m	576.055
15) T	Picloram	11.191	12.391	9779.3E6	11213.4E6	542.962	473.472m
16) T	DCPA	11.654	12.307	15330.6E6	13203.8E6	568.855	547.782

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

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Acq On : 12 Sep 2025 16:44
Operator : AR\AJ
Sample : PB169669BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

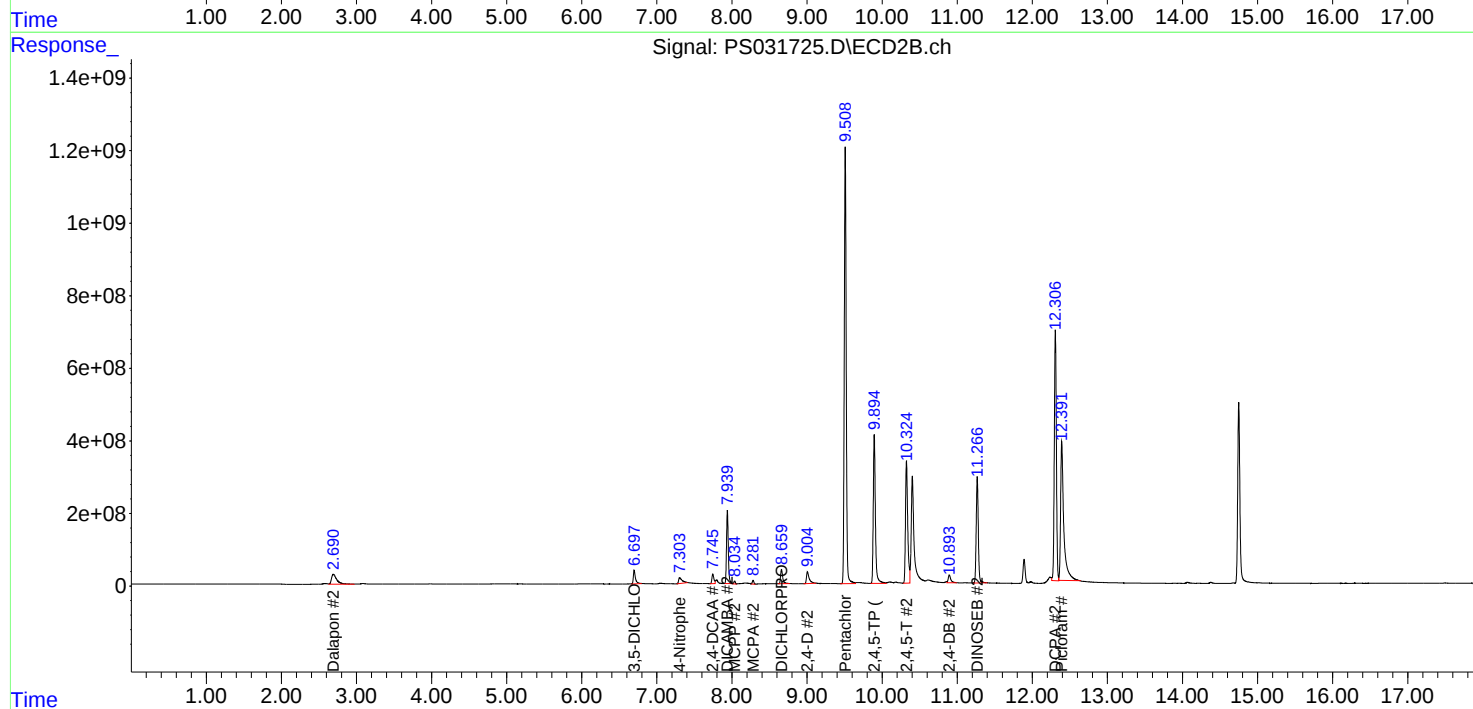
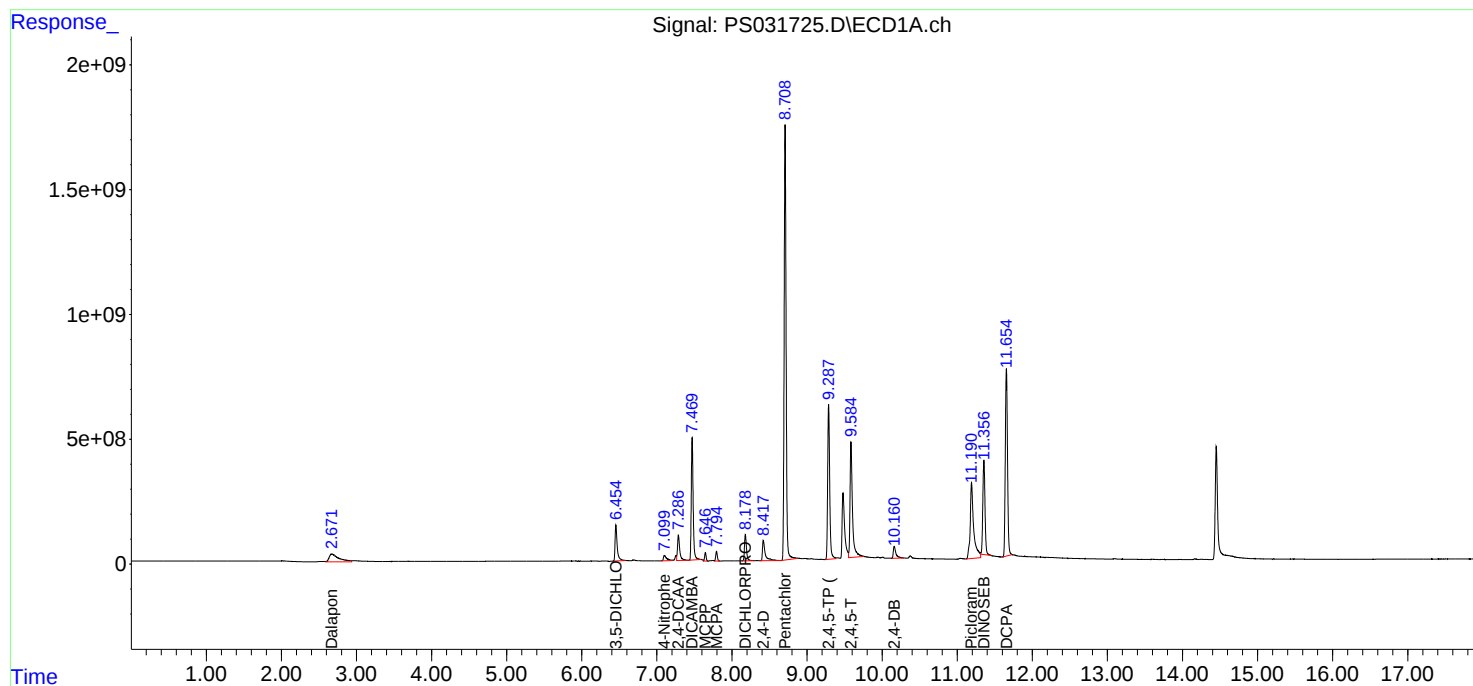
Instrument :
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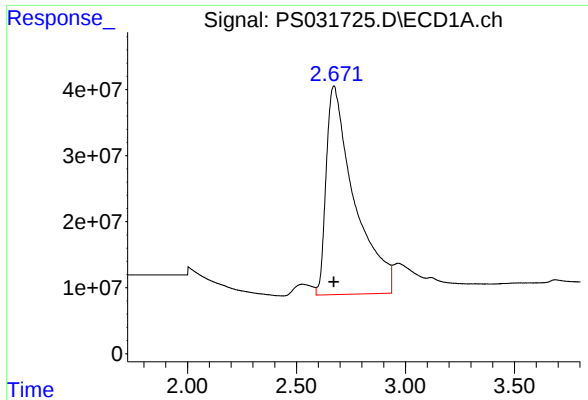
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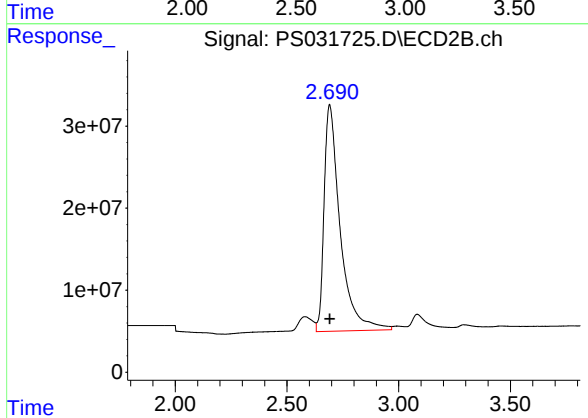
#1 Dalapon

R.T.: 2.672 min
Delta R.T.: 0.000 min
Response: 2823628280
Conc: 488.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169669BS

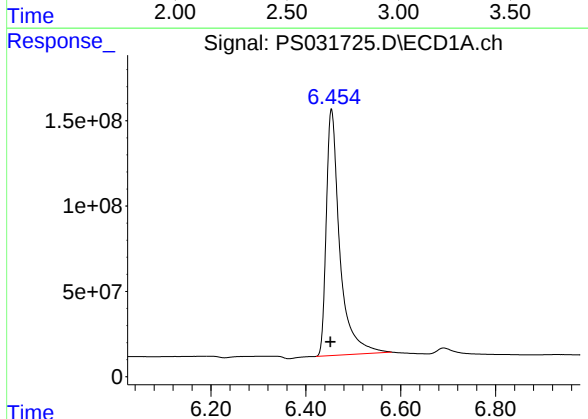
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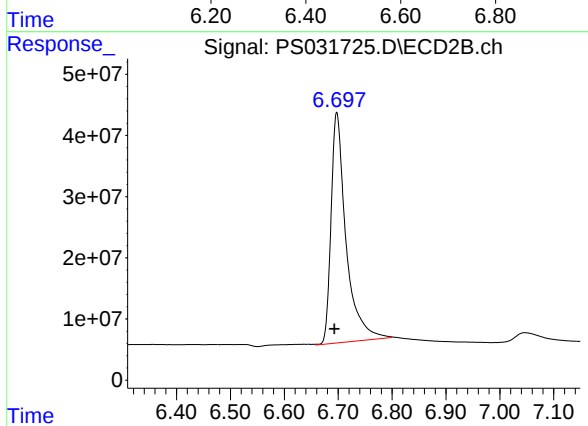
#1 Dalapon

R.T.: 2.690 min
Delta R.T.: -0.001 min
Response: 1381988115
Conc: 490.48 ng/ml



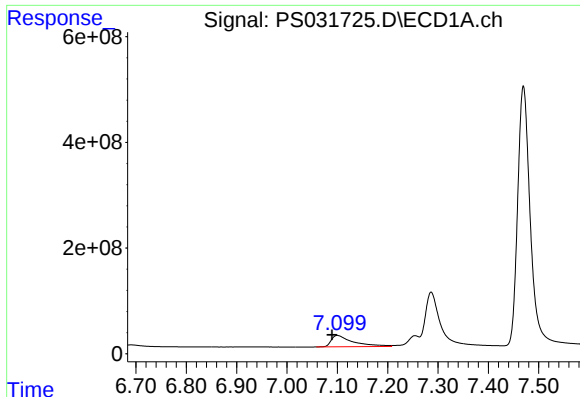
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: 0.002 min
Response: 2854417613
Conc: 535.20 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.697 min
Delta R.T.: 0.004 min
Response: 725754354
Conc: 475.92 ng/ml m



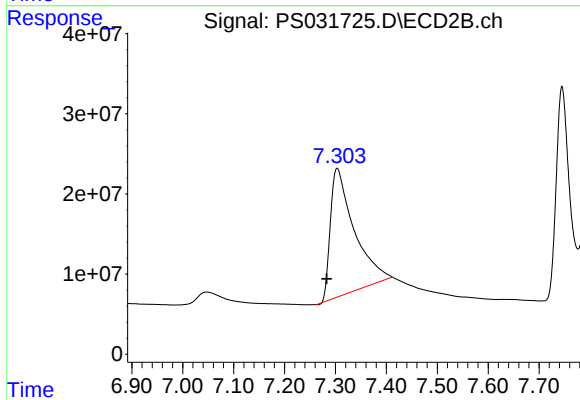
#3 4-Nitrophenol

R.T.: 7.100 min
Delta R.T.: 0.010 min
Response: 652666804
Conc: 591.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169669BS

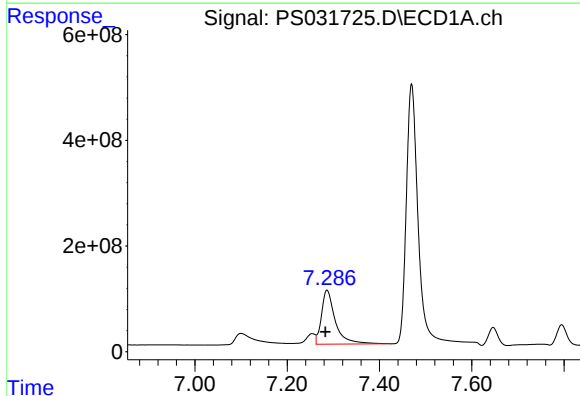
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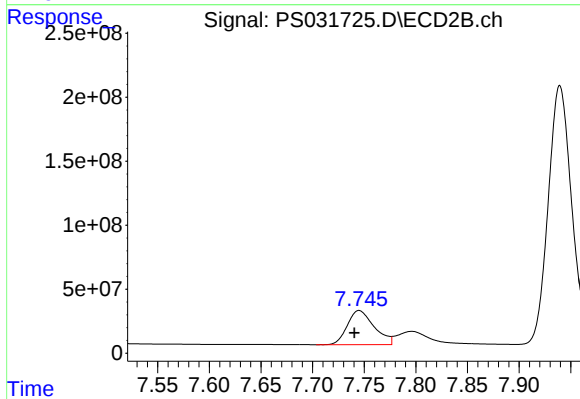
#3 4-Nitrophenol

R.T.: 7.304 min
Delta R.T.: 0.021 min
Response: 524038640
Conc: 414.99 ng/ml



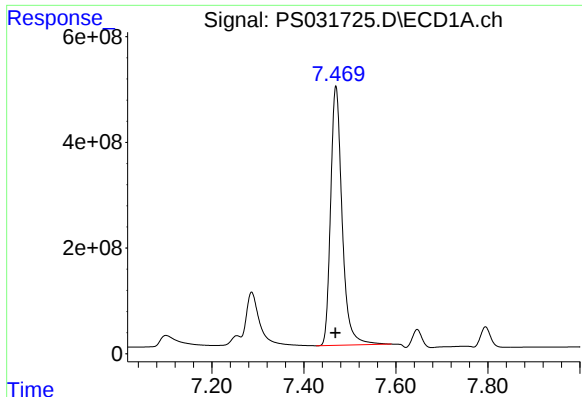
#4 2,4-DCAA

R.T.: 7.286 min
Delta R.T.: 0.003 min
Response: 2122574315
Conc: 589.35 ng/ml



#4 2,4-DCAA

R.T.: 7.745 min
Delta R.T.: 0.005 min
Response: 482079667
Conc: 530.40 ng/ml



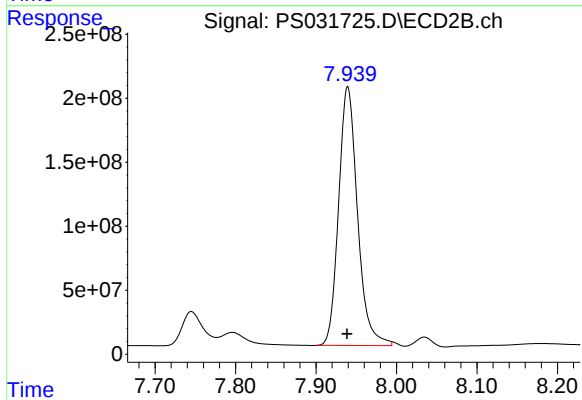
#5 DICAMBA

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 8495513868
Conc: 544.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169669BS

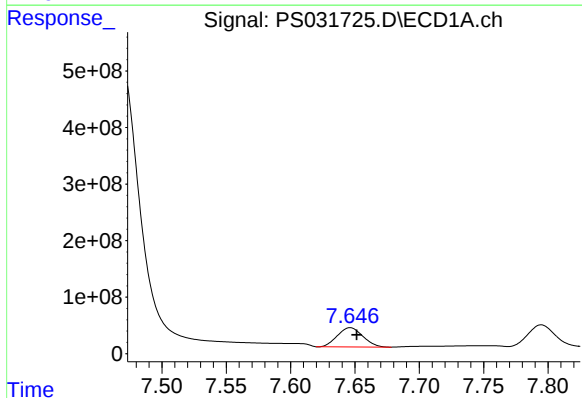
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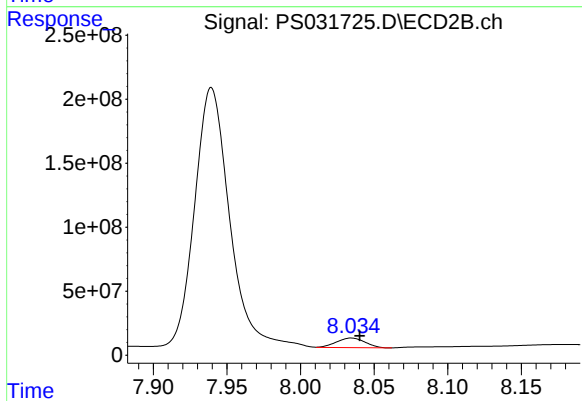
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 3302041337
Conc: 507.47 ng/ml m



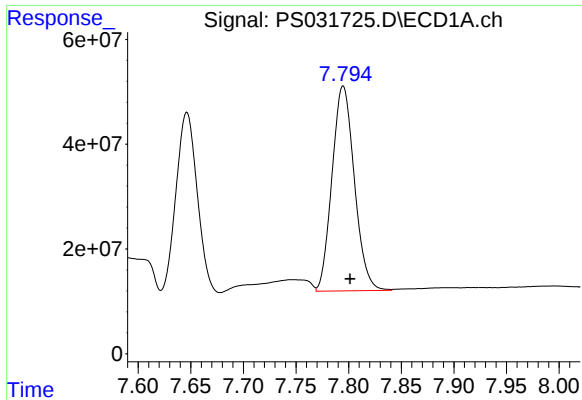
#6 MCP

R.T.: 7.646 min
Delta R.T.: -0.005 min
Response: 464990974
Conc: 52.02 ug/ml



#6 MCP

R.T.: 8.035 min
Delta R.T.: -0.006 min
Response: 100703560
Conc: 53.47 ug/ml



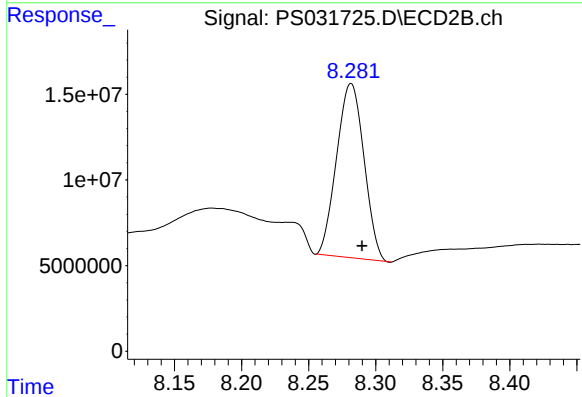
#7 MCPA

R.T.: 7.795 min
Delta R.T.: -0.007 min
Response: 577535606
Conc: 51.98 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB169669BS

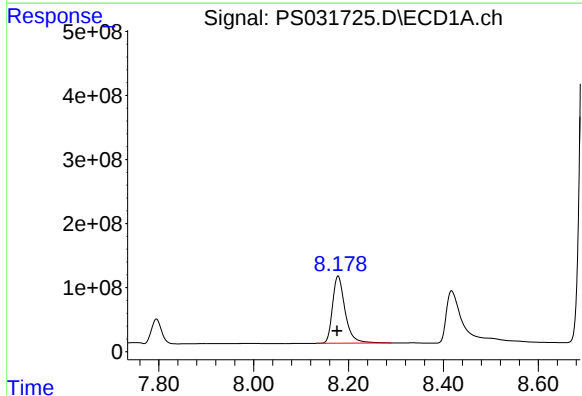
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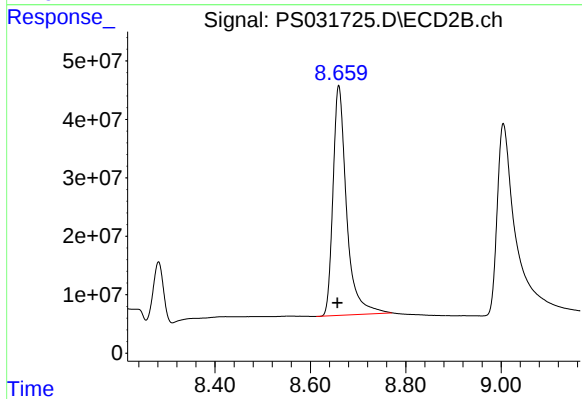
#7 MCPA

R.T.: 8.282 min
Delta R.T.: -0.008 min
Response: 143950060
Conc: 51.39 ug/ml



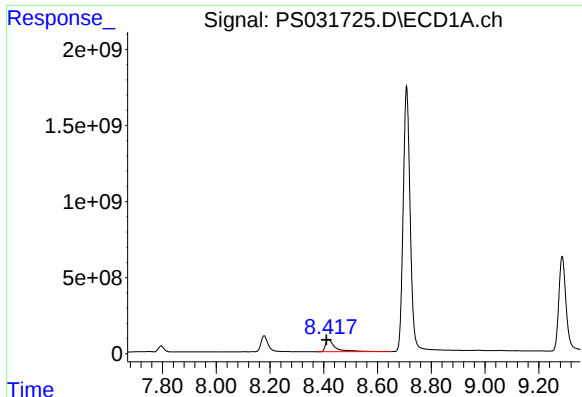
#8 DICHLORPROP

R.T.: 8.178 min
Delta R.T.: 0.002 min
Response: 1926055151
Conc: 540.76 ng/ml



#8 DICHLORPROP

R.T.: 8.660 min
Delta R.T.: 0.003 min
Response: 778789155
Conc: 535.23 ng/ml



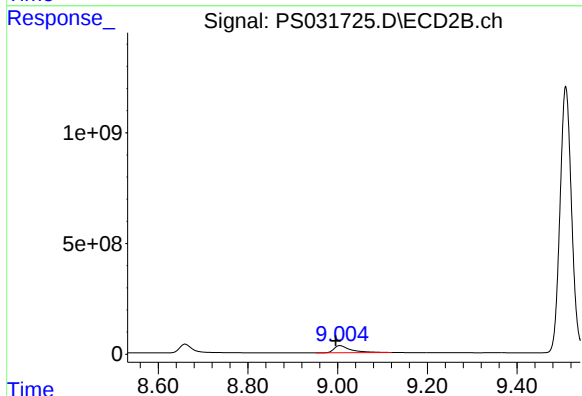
#9 2,4-D

R.T.: 8.417 min
Delta R.T.: 0.006 min
Response: 2087409972
Conc: 609.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169669BS

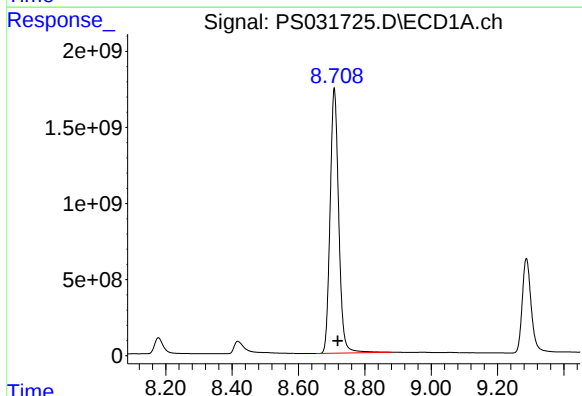
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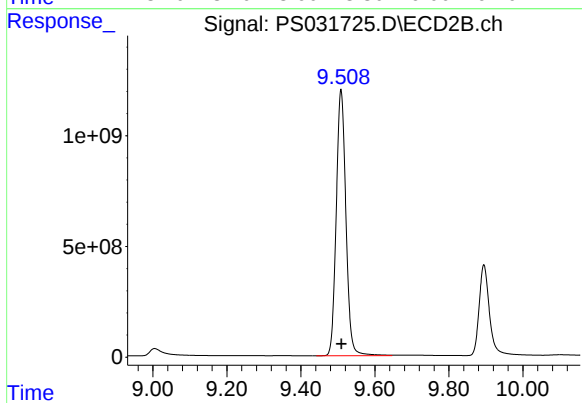
#9 2,4-D

R.T.: 9.005 min
Delta R.T.: 0.009 min
Response: 830494951
Conc: 504.83 ng/ml



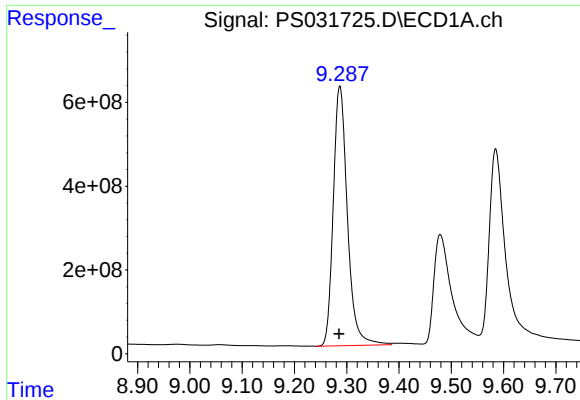
#10 Pentachlorophenol

R.T.: 8.708 min
Delta R.T.: -0.011 min
Response: 31425112717
Conc: 591.88 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: 0.000 min
Response: 21797659118
Conc: 549.19 ng/ml



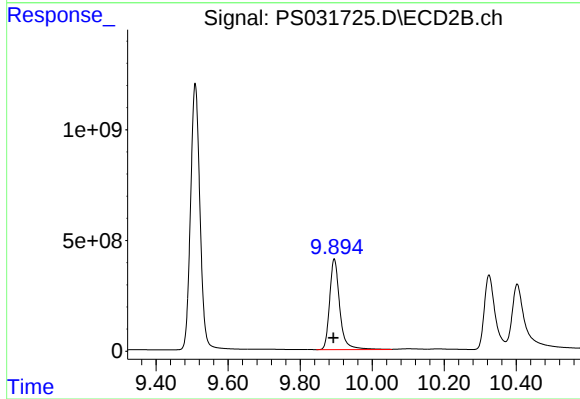
#11 2,4,5-TP (SILVEX)

R.T.: 9.287 min
Delta R.T.: 0.002 min
Response: 11641169809
Conc: 555.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169669BS

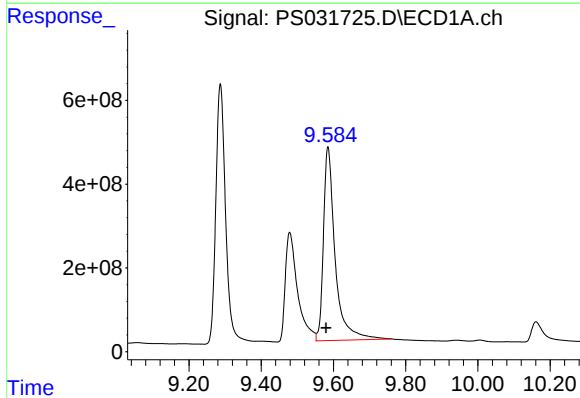
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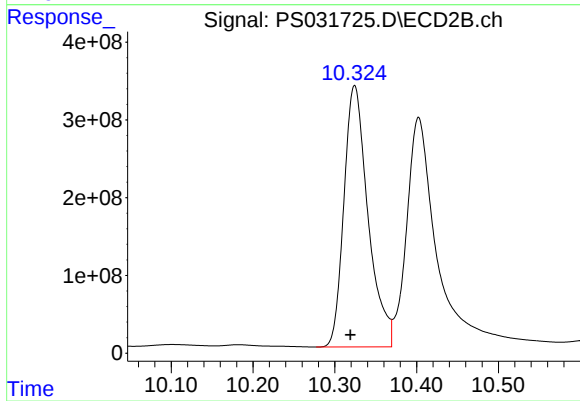
#11 2,4,5-TP (SILVEX)

R.T.: 9.895 min
Delta R.T.: 0.003 min
Response: 8002535786
Conc: 531.58 ng/ml



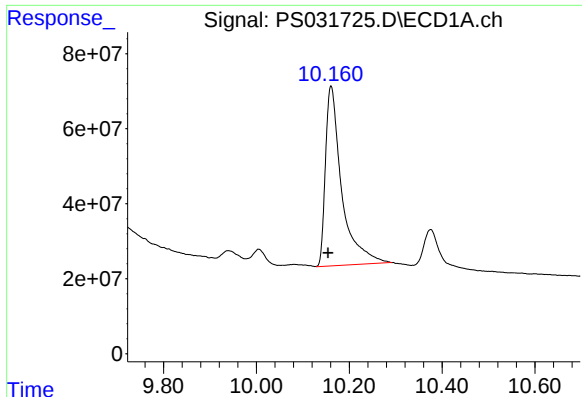
#12 2,4,5-T

R.T.: 9.585 min
Delta R.T.: 0.005 min
Response: 10398661429
Conc: 568.29 ng/ml



#12 2,4,5-T

R.T.: 10.324 min
Delta R.T.: 0.005 min
Response: 6892422178
Conc: 512.18 ng/ml



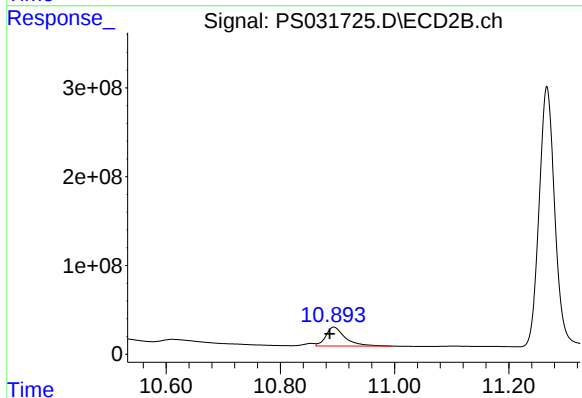
#13 2,4-DB

R.T.: 10.160 min
Delta R.T.: 0.006 min
Response: 1163235753
Conc: 498.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
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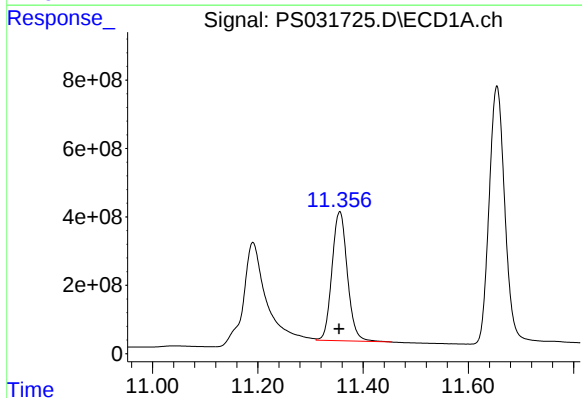
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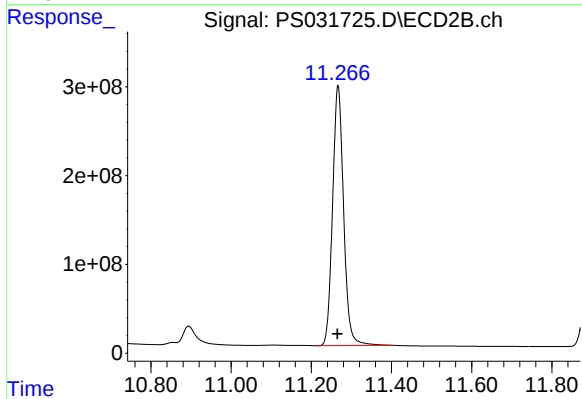
#13 2,4-DB

R.T.: 10.893 min
Delta R.T.: 0.007 min
Response: 500672944
Conc: 467.90 ng/ml m



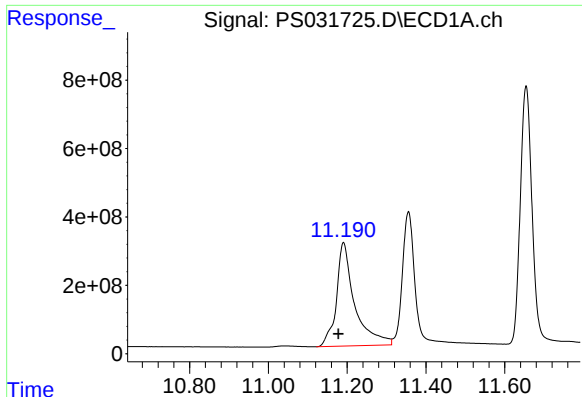
#14 DINOSEB

R.T.: 11.356 min
Delta R.T.: 0.001 min
Response: 7648315058
Conc: 530.30 ng/ml m



#14 DINOSEB

R.T.: 11.267 min
Delta R.T.: 0.001 min
Response: 5599645249
Conc: 576.05 ng/ml



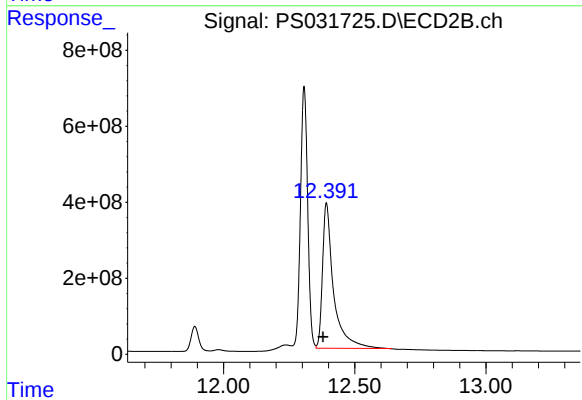
#15 Picloram

R.T.: 11.191 min
Delta R.T.: 0.013 min
Response: 9779337694
Conc: 542.96 ng/ml

Instrument :
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ClientSampleId :
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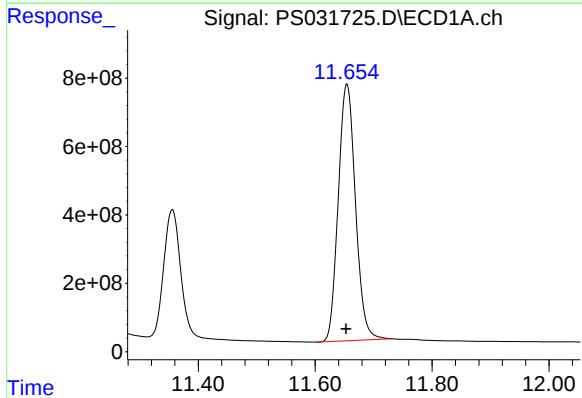
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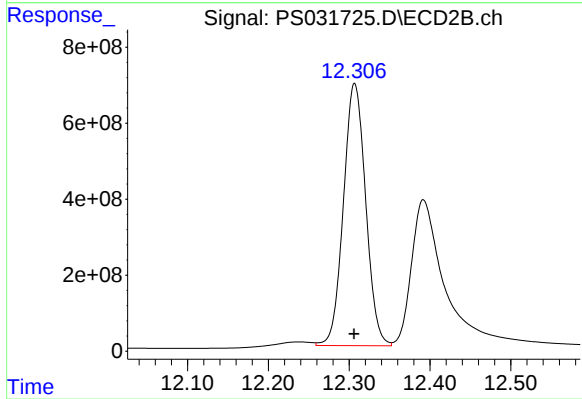
#15 Picloram

R.T.: 12.391 min
Delta R.T.: 0.011 min
Response: 11213353392
Conc: 473.47 ng/ml m



#16 DCPA

R.T.: 11.654 min
Delta R.T.: 0.002 min
Response: 15330581877
Conc: 568.86 ng/ml



#16 DCPA

R.T.: 12.307 min
Delta R.T.: 0.000 min
Response: 13203786983
Conc: 547.78 ng/ml