

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032125\
 Data File : PS029494.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2025 16:57
 Operator : AR\AJ
 Sample : PB167264BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167264BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/24/2025
 Supervised By : mohammad ahmed 03/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 05:16:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS032025.M
 Quant Title : 8080.M
 QLast Update : Fri Mar 21 04:46:07 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	7.154	7.580	2337.1E6	464.4E6	564.794	534.130
Target Compounds							
1) T	Dalapon	2.590	2.629	2389.5E6	907.9E6	425.979	449.843
2) T	3,5-DICHL...	6.336	6.562	3094.5E6	659.9E6	531.843	494.986m
3) T	4-Nitroph...	6.957	7.117	961.2E6	382.3E6	509.693	531.072m
5) T	DICAMBA	7.334	7.771	9469.0E6	2471.7E6	528.030	482.234
6) T	MCPD	7.513	7.874	620.7E6	109.5E6	47.030	47.371
7) T	MCPA	7.660	8.110	833.5E6	143.0E6	48.352	47.653
8) T	DICHLORPROP	8.035	8.474	2466.2E6	607.5E6	534.090	501.920
9) T	2,4-D	8.267	8.797	2486.3E6	616.5E6	549.638	513.439
10) T	Pentachlo...	8.555	9.307	35723.1E6	11890.8E6	636.529	512.703
11) T	2,4,5-TP ...	9.129	9.684	13491.7E6	4556.8E6	546.055	507.206
12) T	2,4,5-T	9.421	10.095	13819.2E6	3946.4E6	554.810	506.300
13) T	2,4-DB	9.991	10.655	1976.6E6	373.6E6	540.718m	496.529m
14) T	DINOSEB	11.182	11.028	9487.6E6	2967.8E6	545.045	514.195
15) T	Picloram	11.001	12.096	15628.6E6	5394.2E6	518.800	475.305
16) T	DCPA	11.479	12.056	16674.0E6	6248.1E6	556.621	522.579

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

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Acq On : 21 Mar 2025 16:57
Operator : AR\AJ
Sample : PB167264BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

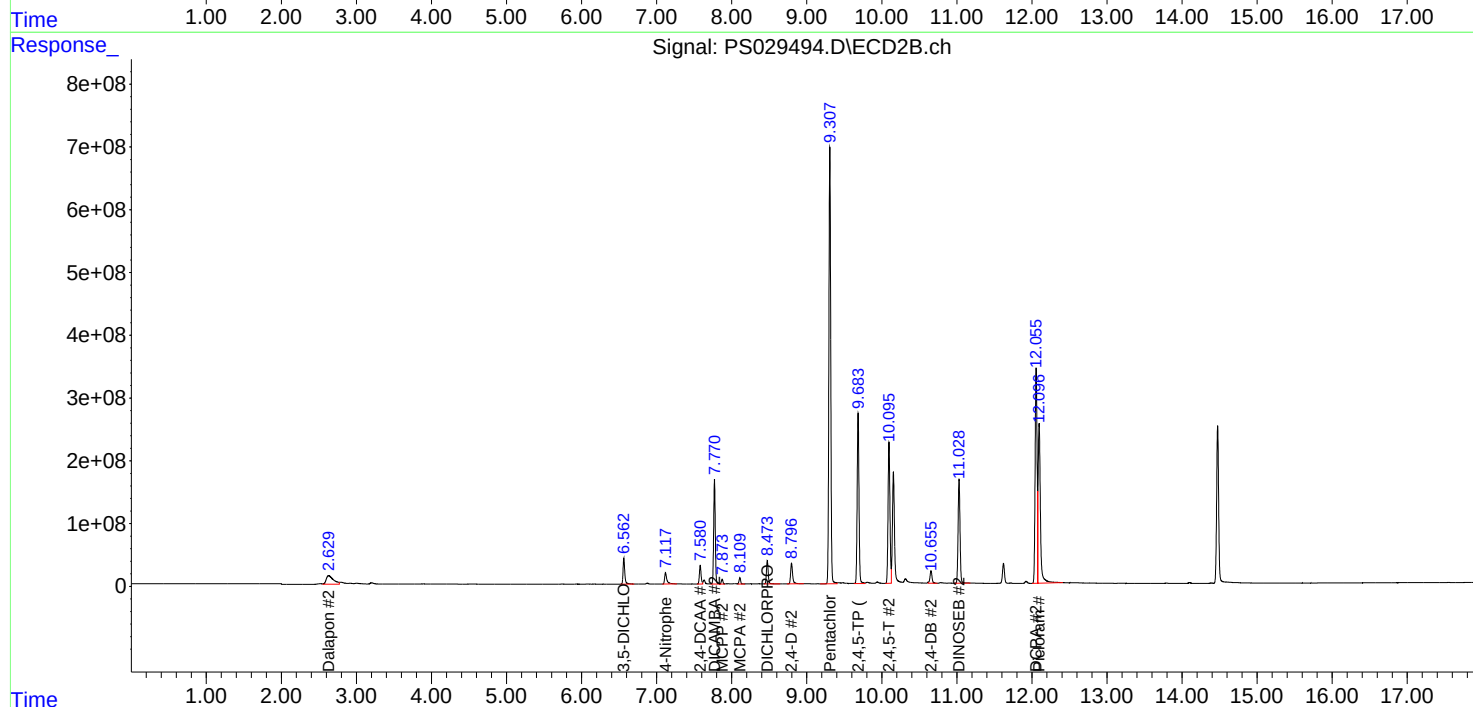
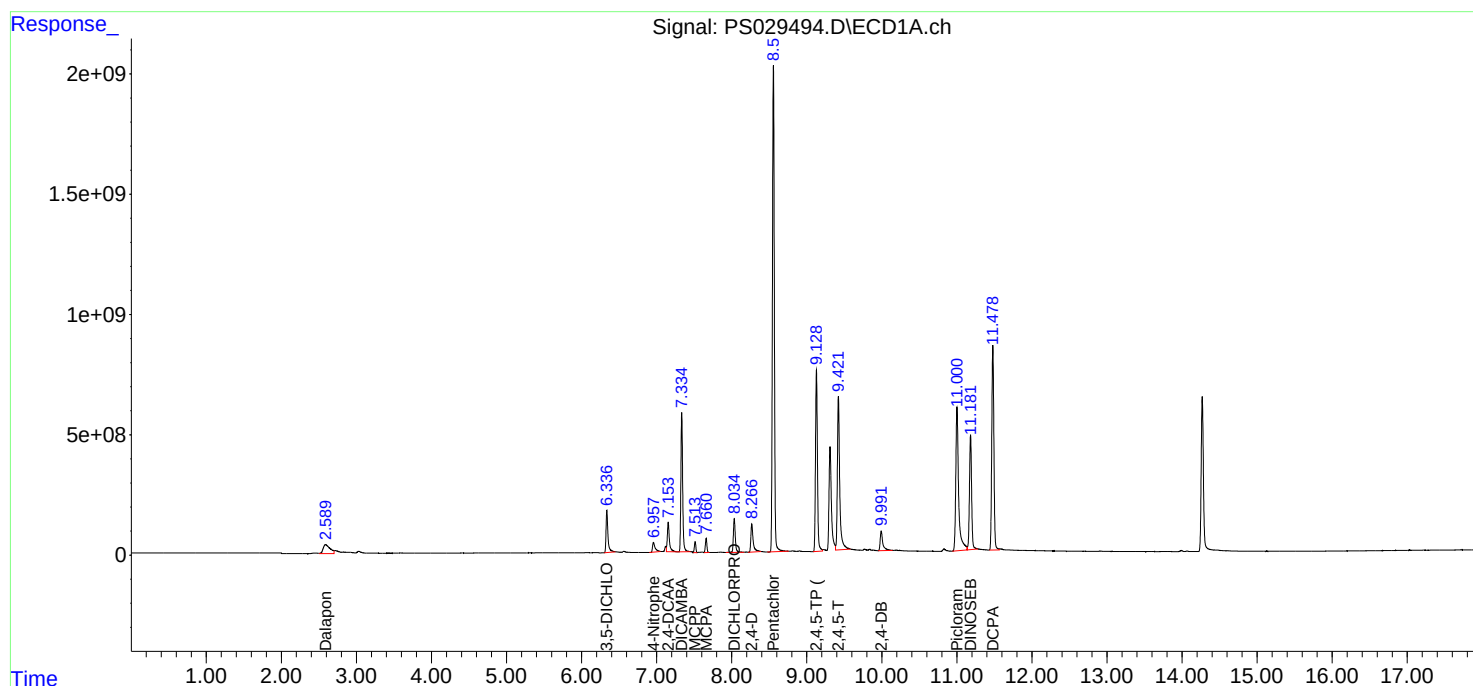
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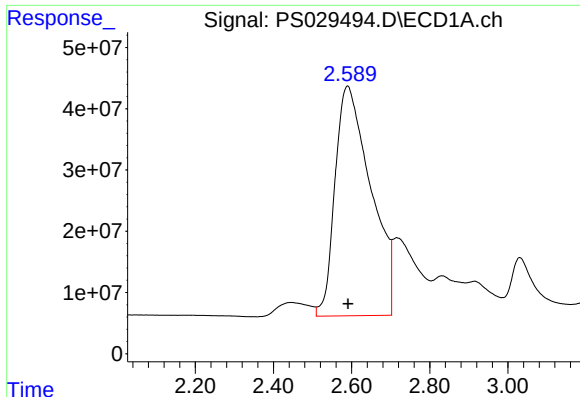
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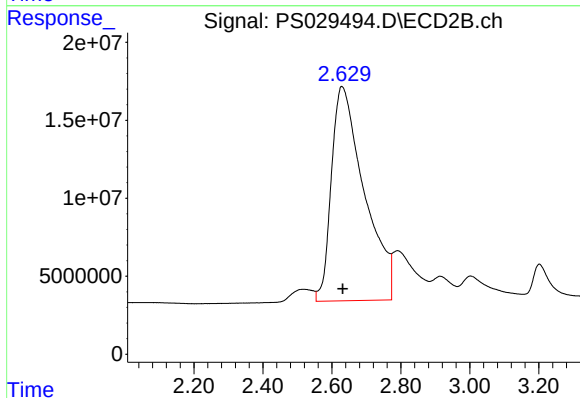
#1 Dalapon

R.T.: 2.590 min
Delta R.T.: -0.001 min
Response: 2389521873
Conc: 425.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167264BS

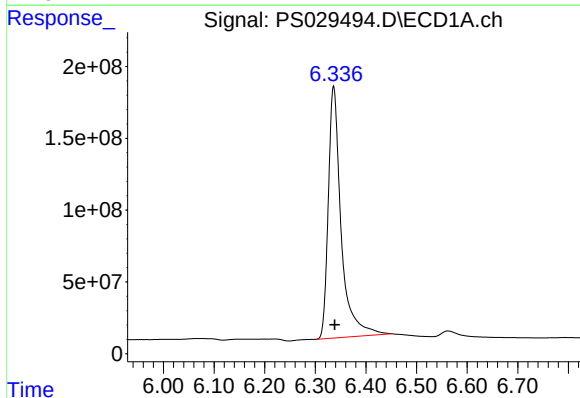
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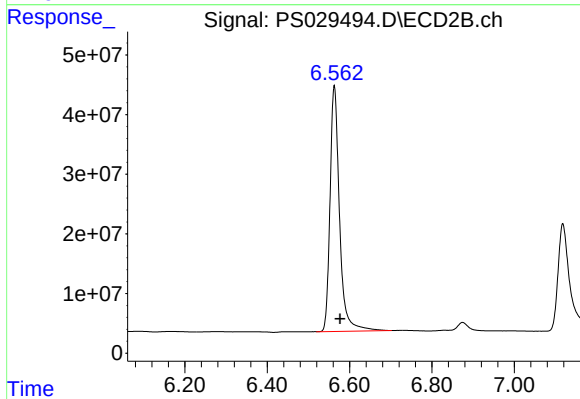
#1 Dalapon

R.T.: 2.629 min
Delta R.T.: -0.003 min
Response: 907902218
Conc: 449.84 ng/ml



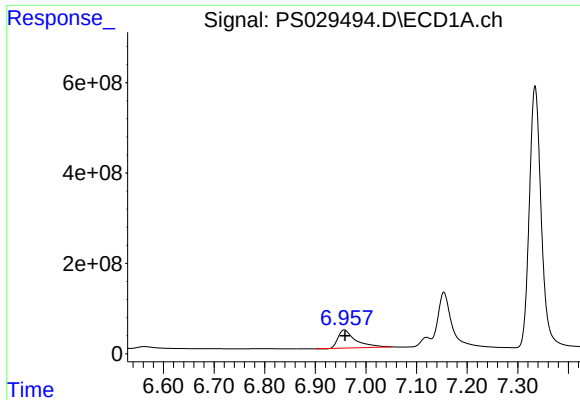
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.336 min
Delta R.T.: -0.002 min
Response: 3094483563
Conc: 531.84 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.562 min
Delta R.T.: -0.014 min
Response: 659878186
Conc: 494.99 ng/ml m



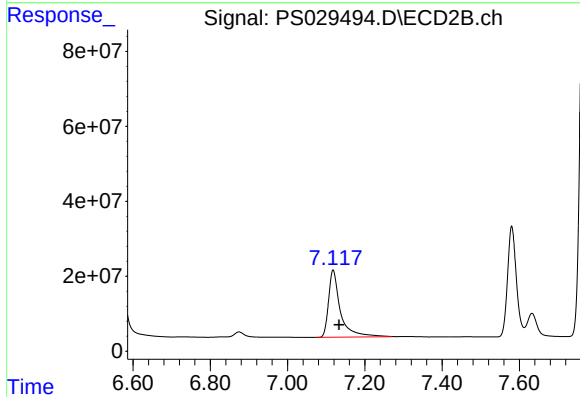
#3 4-Nitrophenol

R.T.: 6.957 min
Delta R.T.: -0.002 min
Response: 961181954
Conc: 509.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167264BS

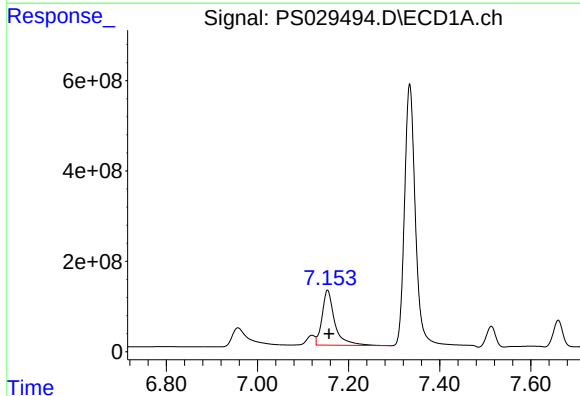
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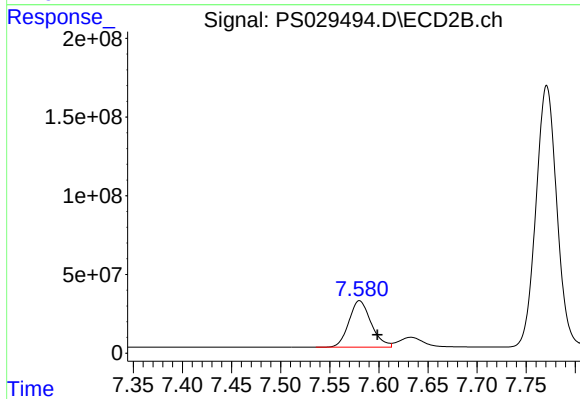
#3 4-Nitrophenol

R.T.: 7.117 min
Delta R.T.: -0.016 min
Response: 382300660
Conc: 531.07 ng/ml m



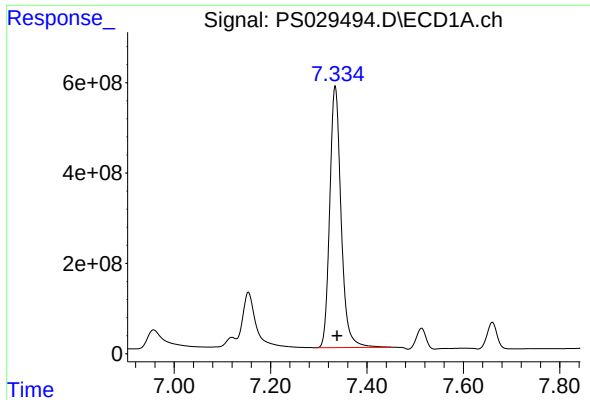
#4 2,4-DCAA

R.T.: 7.154 min
Delta R.T.: -0.003 min
Response: 2337129844
Conc: 564.79 ng/ml



#4 2,4-DCAA

R.T.: 7.580 min
Delta R.T.: -0.018 min
Response: 464420501
Conc: 534.13 ng/ml



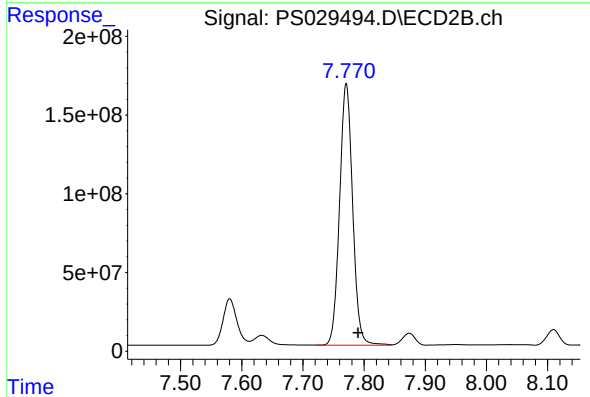
#5 DICAMBA

R.T.: 7.334 min
Delta R.T.: -0.004 min
Response: 9469047554
Conc: 528.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167264BS

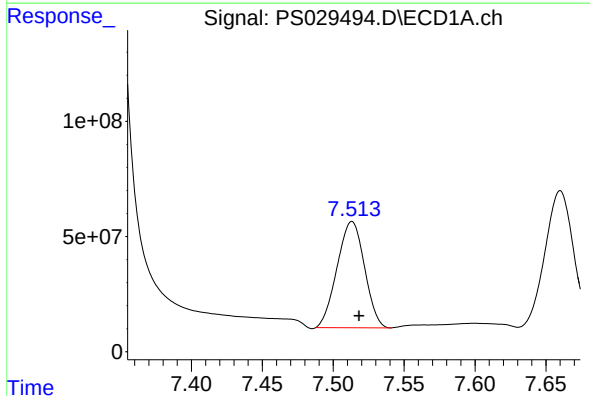
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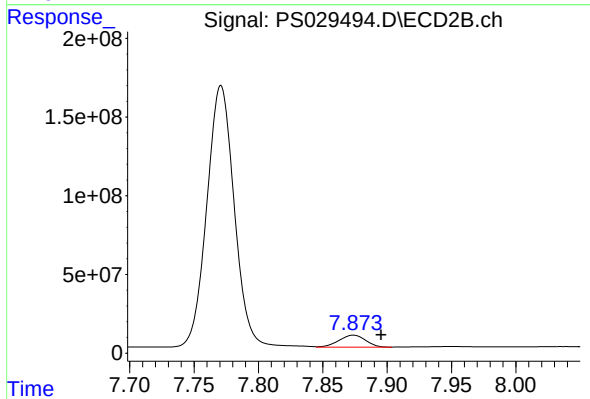
#5 DICAMBA

R.T.: 7.771 min
Delta R.T.: -0.019 min
Response: 2471708951
Conc: 482.23 ng/ml



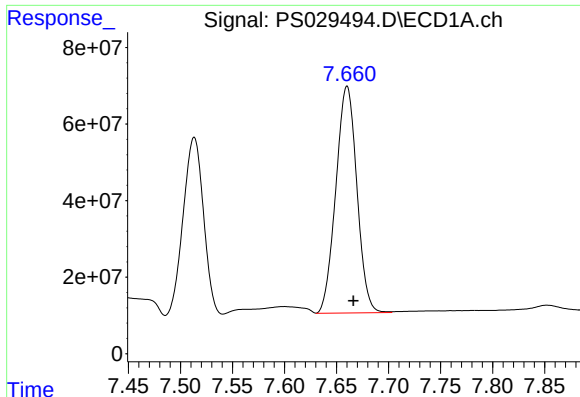
#6 MCP

R.T.: 7.513 min
Delta R.T.: -0.005 min
Response: 620717193
Conc: 47.03 ug/ml



#6 MCP

R.T.: 7.874 min
Delta R.T.: -0.021 min
Response: 109478861
Conc: 47.37 ug/ml



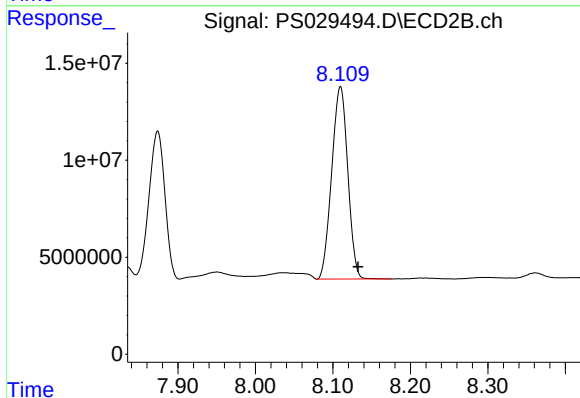
#7 MCPA

R.T.: 7.660 min
Delta R.T.: -0.006 min
Response: 833450863
Conc: 48.35 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167264BS

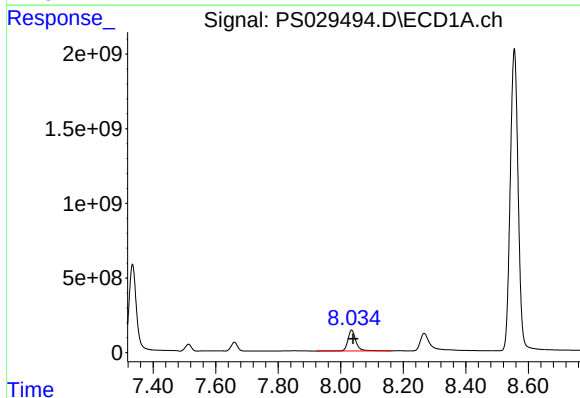
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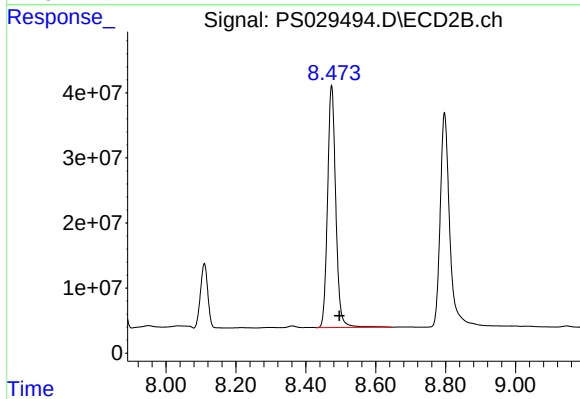
#7 MCPA

R.T.: 8.110 min
Delta R.T.: -0.023 min
Response: 143009426
Conc: 47.65 ug/ml



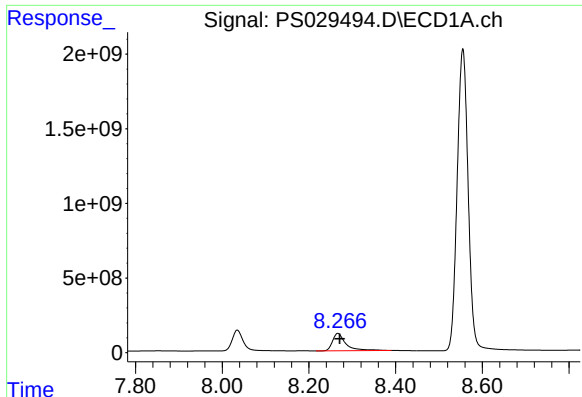
#8 DICHLORPROP

R.T.: 8.035 min
Delta R.T.: -0.004 min
Response: 2466221824
Conc: 534.09 ng/ml



#8 DICHLORPROP

R.T.: 8.474 min
Delta R.T.: -0.022 min
Response: 607464778
Conc: 501.92 ng/ml



#9 2,4-D

R.T.: 8.267 min
Delta R.T.: -0.004 min
Response: 2486328432
Conc: 549.64 ng/ml

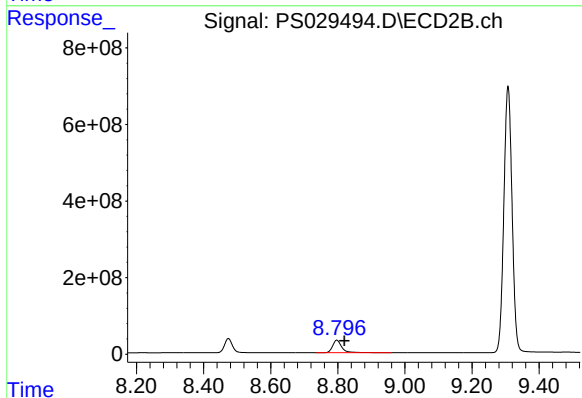
Instrument :

ECD_S

ClientSampleId :
PB167264BS

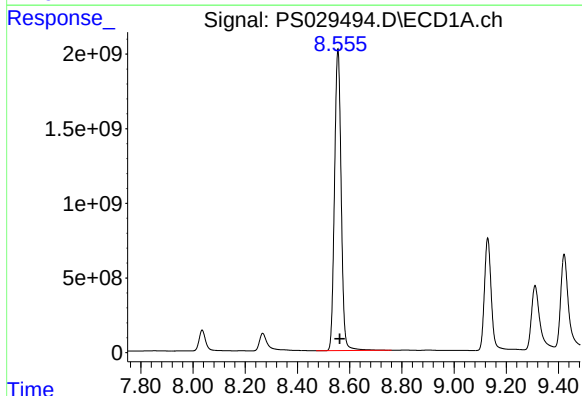
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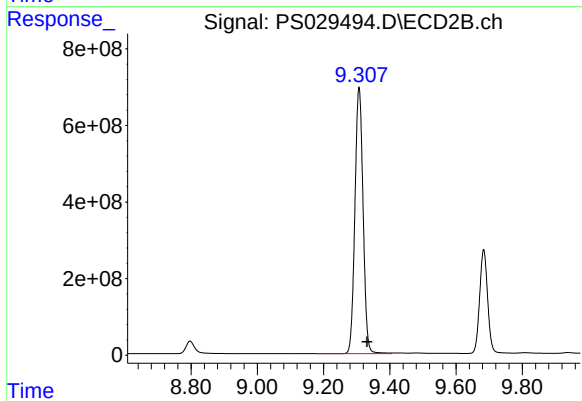
#9 2,4-D

R.T.: 8.797 min
Delta R.T.: -0.023 min
Response: 616518386
Conc: 513.44 ng/ml



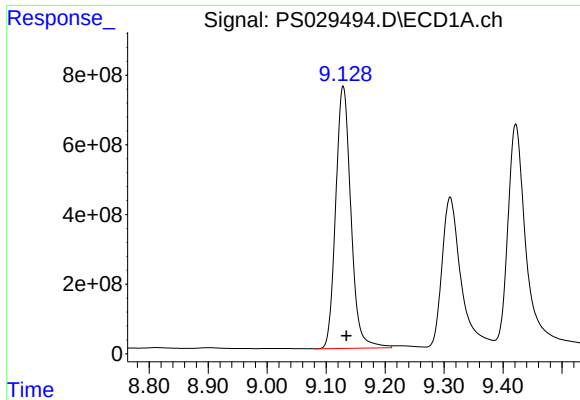
#10 Pentachlorophenol

R.T.: 8.555 min
Delta R.T.: -0.007 min
Response: 35723132158
Conc: 636.53 ng/ml



#10 Pentachlorophenol

R.T.: 9.307 min
Delta R.T.: -0.024 min
Response: 11890817781
Conc: 512.70 ng/ml



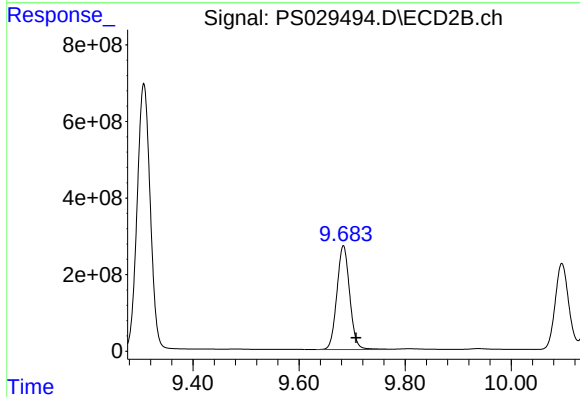
#11 2,4,5-TP (SILVEX)

R.T.: 9.129 min
Delta R.T.: -0.005 min
Response: 13491685673
Conc: 546.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167264BS

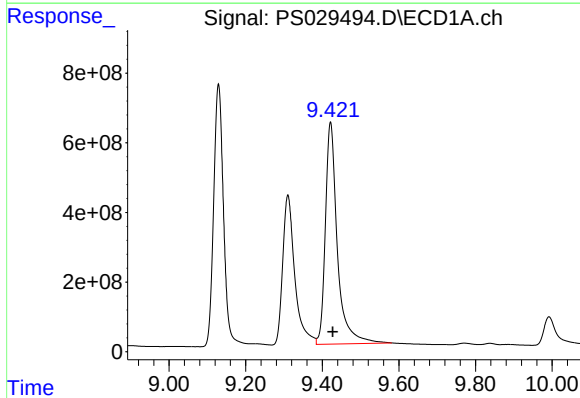
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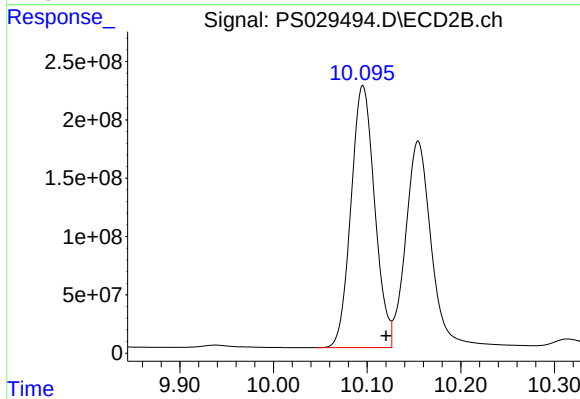
#11 2,4,5-TP (SILVEX)

R.T.: 9.684 min
Delta R.T.: -0.024 min
Response: 4556847146
Conc: 507.21 ng/ml



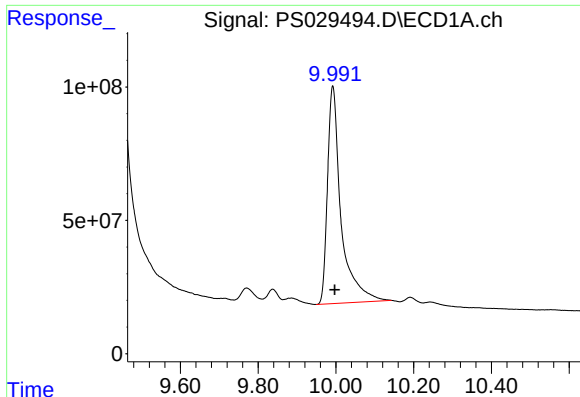
#12 2,4,5-T

R.T.: 9.421 min
Delta R.T.: -0.006 min
Response: 13819197974
Conc: 554.81 ng/ml



#12 2,4,5-T

R.T.: 10.095 min
Delta R.T.: -0.025 min
Response: 3946355261
Conc: 506.30 ng/ml



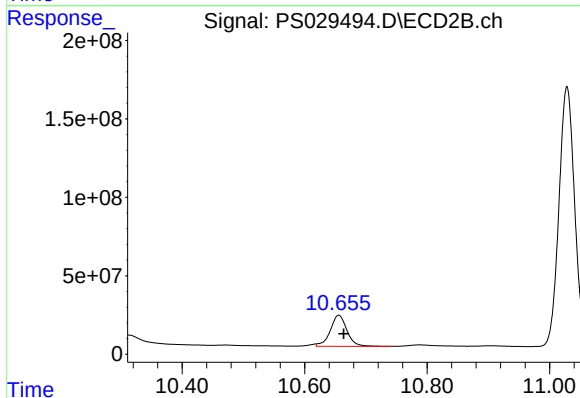
#13 2,4-DB

R.T.: 9.991 min
Delta R.T.: -0.006 min
Response: 1976568128
Conc: 540.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167264BS

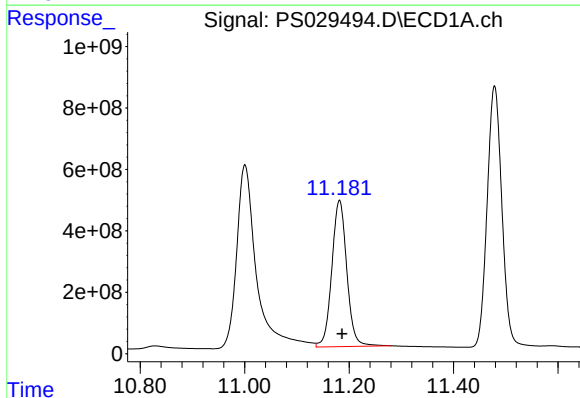
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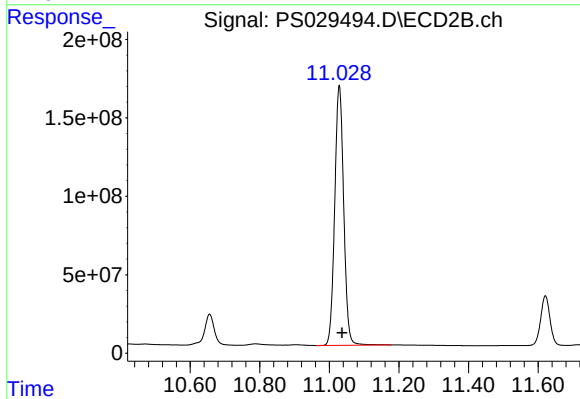
#13 2,4-DB

R.T.: 10.655 min
Delta R.T.: -0.009 min
Response: 373636966
Conc: 496.53 ng/ml m



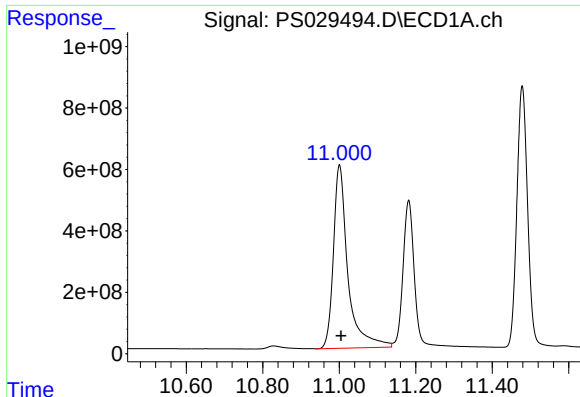
#14 DINOSEB

R.T.: 11.182 min
Delta R.T.: -0.005 min
Response: 9487606207
Conc: 545.05 ng/ml



#14 DINOSEB

R.T.: 11.028 min
Delta R.T.: -0.009 min
Response: 2967848245
Conc: 514.20 ng/ml



#15 Picloram

R.T.: 11.001 min
Delta R.T.: -0.005 min
Response: 15628612864
Conc: 518.80 ng/ml

Instrument :

ECD_S

ClientSampleId :

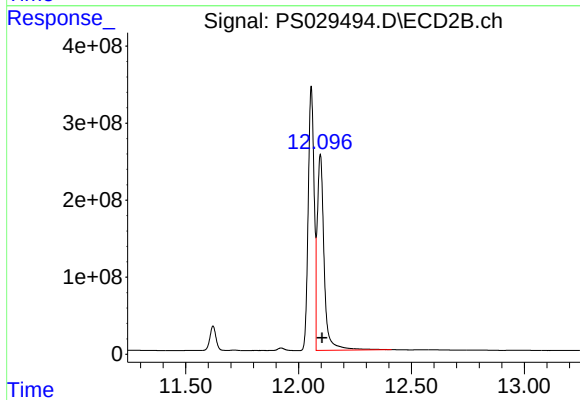
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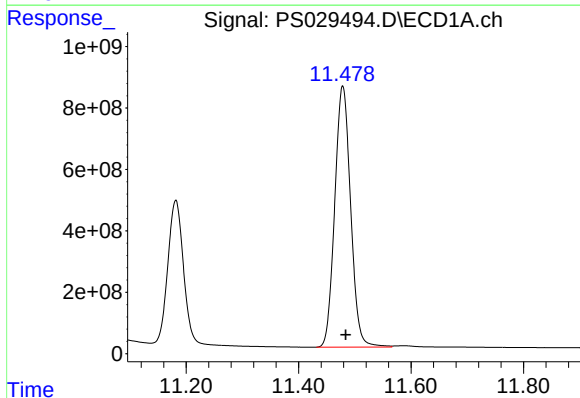
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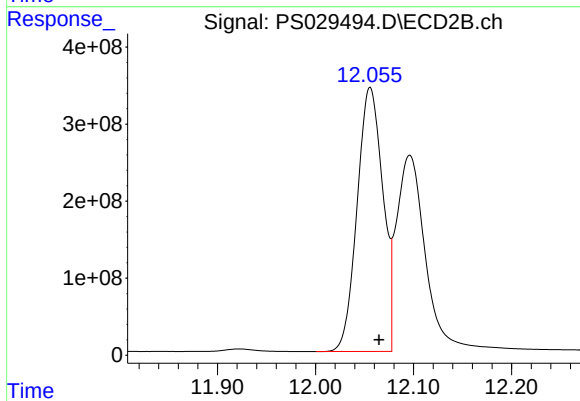
#15 Picloram

R.T.: 12.096 min
Delta R.T.: -0.009 min
Response: 5394213190
Conc: 475.30 ng/ml



#16 DCPA

R.T.: 11.479 min
Delta R.T.: -0.005 min
Response: 16674034184
Conc: 556.62 ng/ml



#16 DCPA

R.T.: 12.056 min
Delta R.T.: -0.009 min
Response: 6248094512
Conc: 522.58 ng/ml