

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032925\
 Data File : PS029617.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2025 13:41
 Operator : AR\AJ
 Sample : PB167328BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167328BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/31/2025
 Supervised By :mohammad ahmed 04/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 23:14:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS032825.M
 Quant Title : 8080.M
 QLast Update : Thu Mar 27 12:24:58 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	7.117	7.533	2021.5E6	439.6E6	526.411	509.158
Target Compounds							
1) T	Dalapon	2.598	2.605	2863.4E6	957.3E6	482.985	461.510
2) T	3,5-DICHL...	6.306	6.522	2816.8E6	586.5E6	492.752	476.030
3) T	4-Nitroph...	6.929	7.071	555.6E6	381.6E6	522.189	472.429
5) T	DICAMBA	7.295	7.722	7654.1E6	2285.7E6	482.821	478.096
6) T	MCPD	7.472	7.827	532.9E6	99617411	46.814	48.114
7) T	MCPA	7.619	8.062	675.7E6	135.8E6	46.981	47.244
8) T	DICHLORPROP	7.992	8.424	2170.2E6	589.0E6	494.125	472.898
9) T	2,4-D	8.224	8.744	2029.5E6	669.1E6	503.117	489.866
10) T	Pentachlo...	8.509	9.252	32735.5E6	11140.4E6	550.916	501.941
11) T	2,4,5-TP ...	9.082	9.628	11760.1E6	4353.1E6	504.834	493.278
12) T	2,4,5-T	9.375	10.038	10667.9E6	3899.9E6	517.904	489.281
13) T	2,4-DB	9.946	10.596	965.6E6	400.8E6	505.719	436.114
14) T	DINOSEB	11.126	10.968	8874.3E6	2875.6E6	500.518	485.093m
15) T	Picloram	10.957	12.029	7245.4E6	5877.5E6	503.381	471.095
16) T	DCPA	11.424	11.994	14759.0E6	5652.8E6	511.914	504.185

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

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Acq On : 28 Mar 2025 13:41
Operator : AR\AJ
Sample : PB167328BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

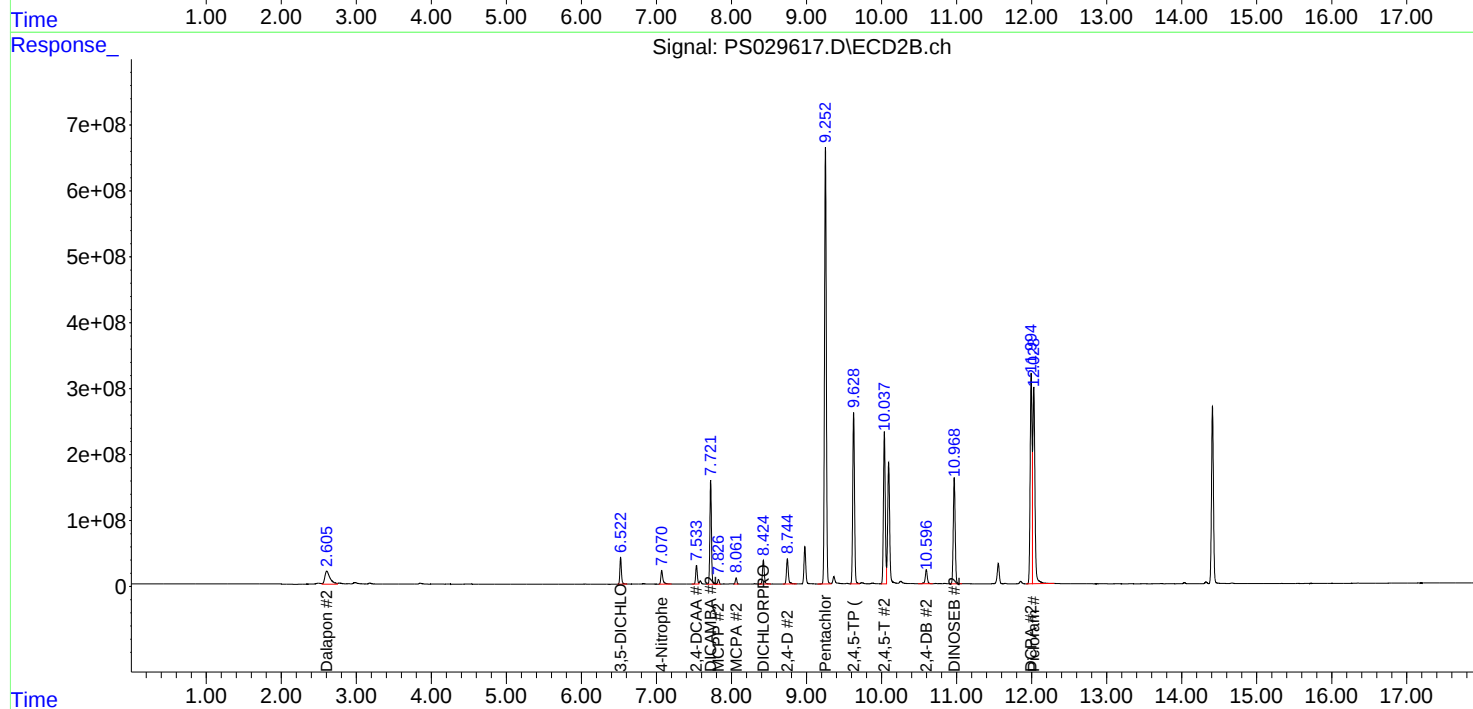
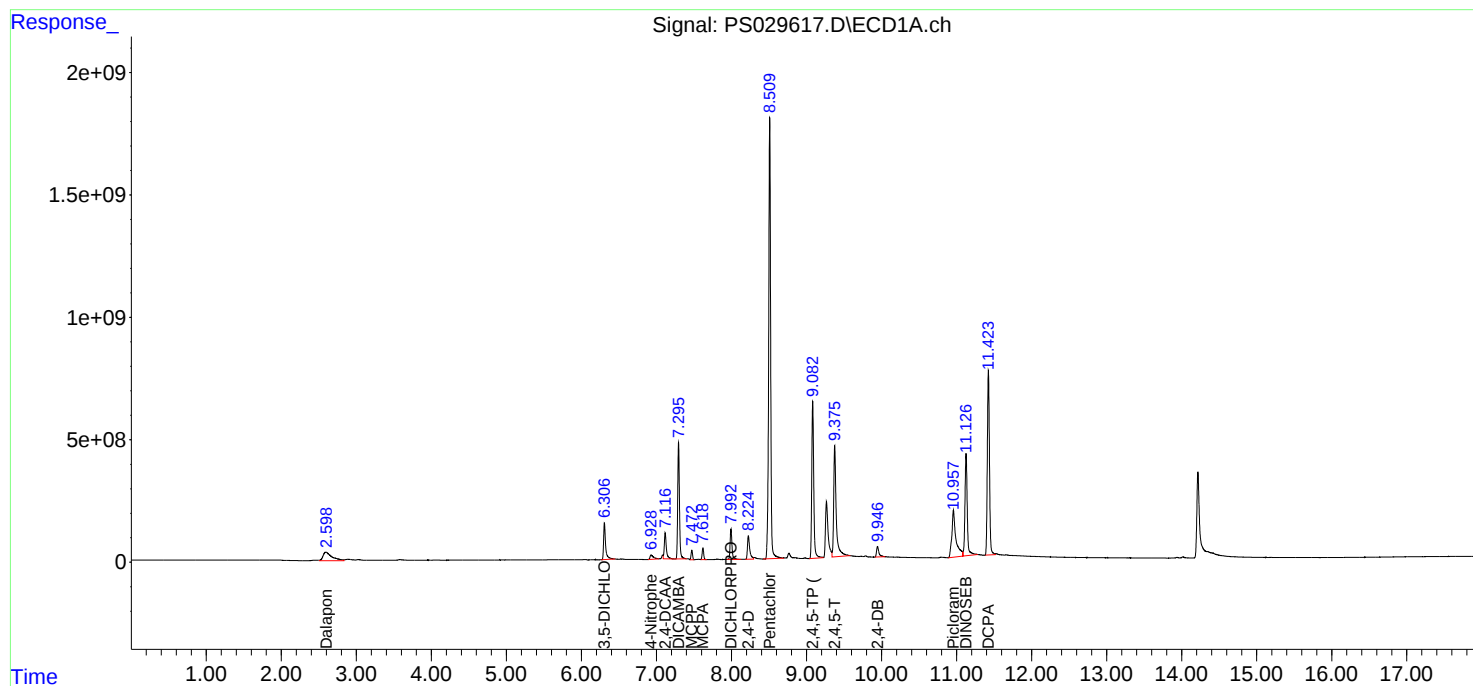
Instrument :
ECD_S
ClientSampleId :
PB167328BS

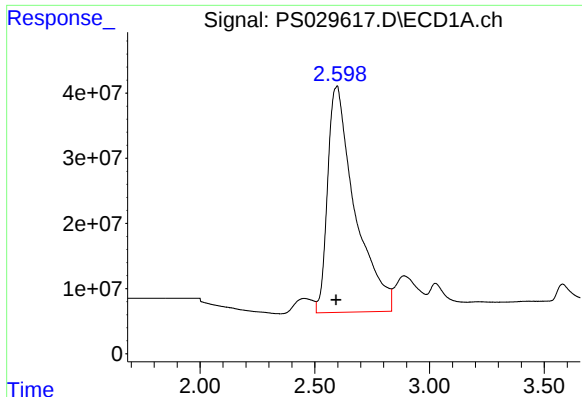
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.598 min
Delta R.T.: 0.005 min
Response: 2863372110
Conc: 482.99 ng/ml

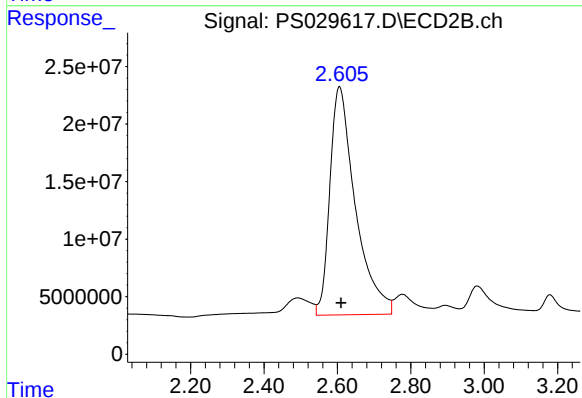
Instrument :

ECD_S

ClientSampleId :
PB167328BS

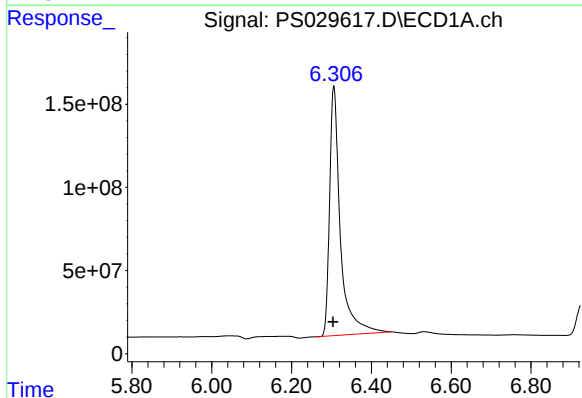
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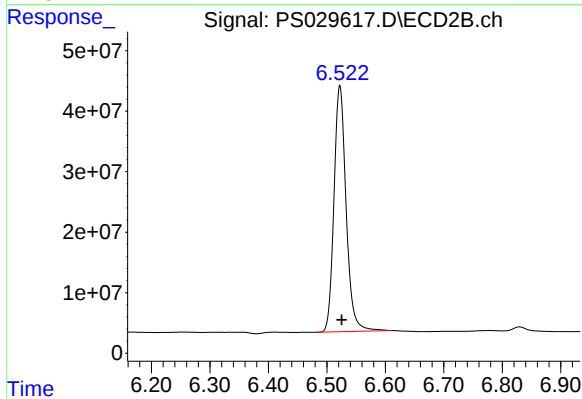
#1 Dalapon

R.T.: 2.605 min
Delta R.T.: -0.005 min
Response: 957307180
Conc: 461.51 ng/ml



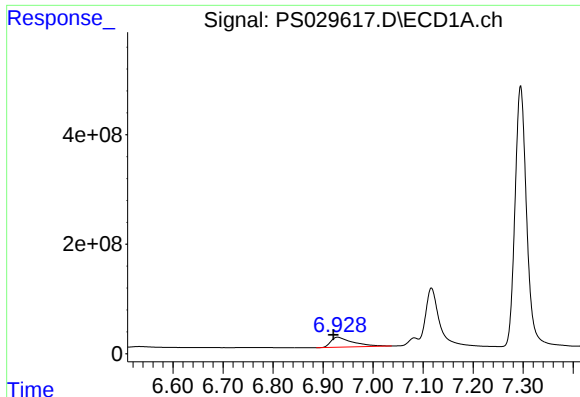
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.306 min
Delta R.T.: 0.002 min
Response: 2816845848
Conc: 492.75 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.522 min
Delta R.T.: -0.003 min
Response: 586542053
Conc: 476.03 ng/ml



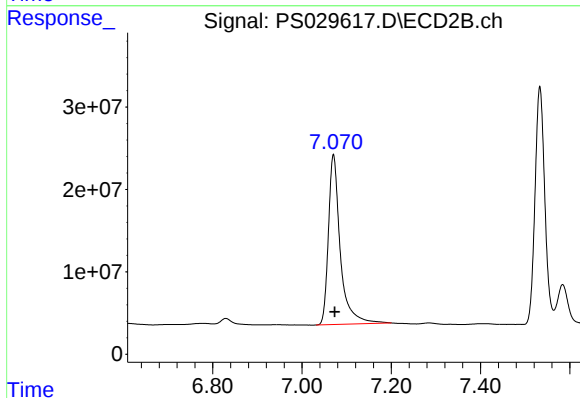
#3 4-Nitrophenol

R.T.: 6.929 min
Delta R.T.: 0.008 min
Response: 555604388
Conc: 522.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167328BS

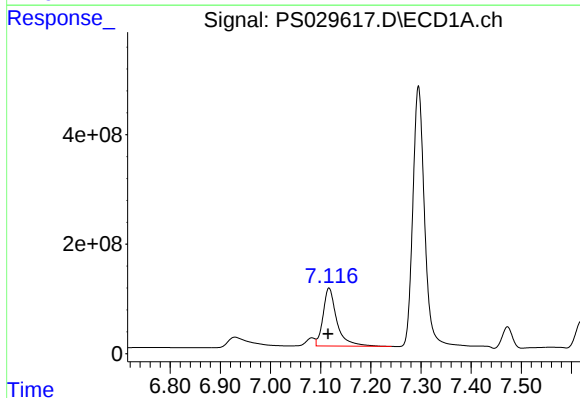
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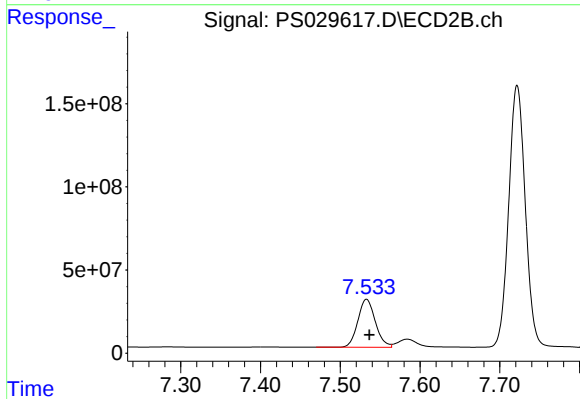
#3 4-Nitrophenol

R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 381644012
Conc: 472.43 ng/ml



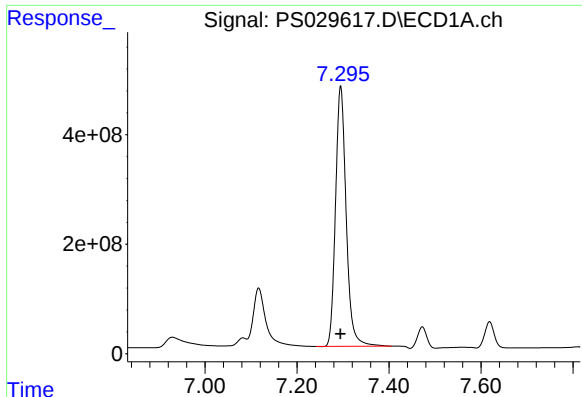
#4 2,4-DCAA

R.T.: 7.117 min
Delta R.T.: 0.002 min
Response: 2021468167
Conc: 526.41 ng/ml



#4 2,4-DCAA

R.T.: 7.533 min
Delta R.T.: -0.004 min
Response: 439554807
Conc: 509.16 ng/ml



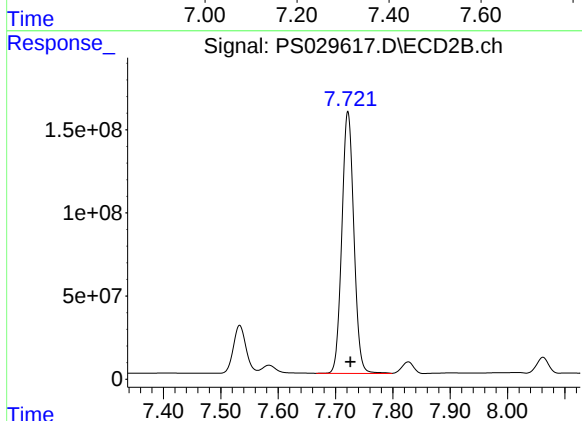
#5 DICAMBA

R.T.: 7.295 min
Delta R.T.: 0.000 min
Response: 7654124235
Conc: 482.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167328BS

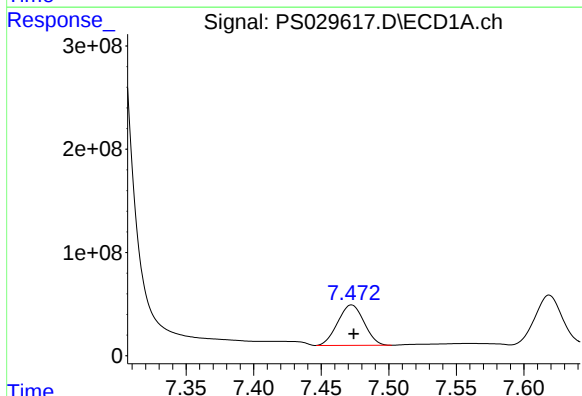
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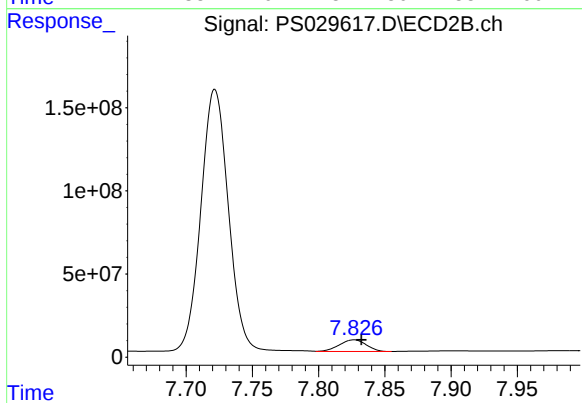
#5 DICAMBA

R.T.: 7.722 min
Delta R.T.: -0.004 min
Response: 2285663556
Conc: 478.10 ng/ml



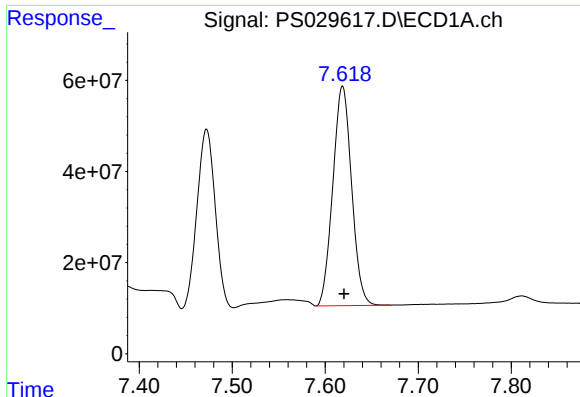
#6 MCP

R.T.: 7.472 min
Delta R.T.: -0.002 min
Response: 532882075
Conc: 46.81 ug/ml



#6 MCP

R.T.: 7.827 min
Delta R.T.: -0.006 min
Response: 99617411
Conc: 48.11 ug/ml



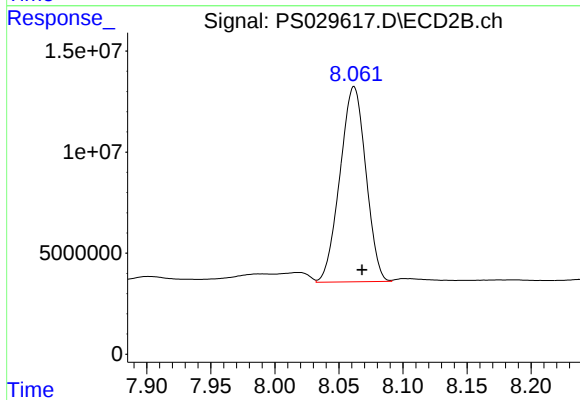
#7 MCPA

R.T.: 7.619 min
Delta R.T.: -0.002 min
Response: 675673018
Conc: 46.98 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167328BS

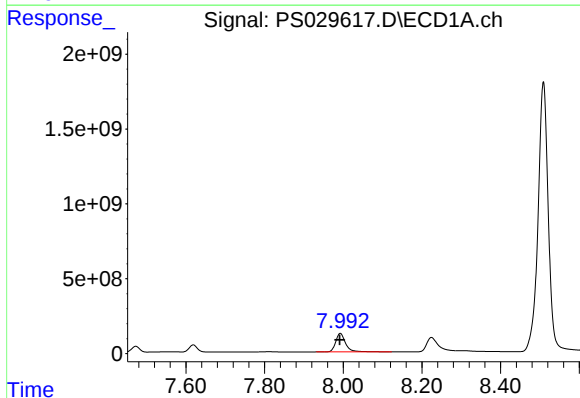
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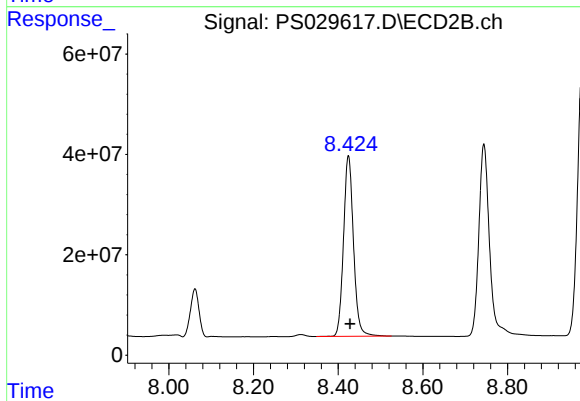
#7 MCPA

R.T.: 8.062 min
Delta R.T.: -0.007 min
Response: 135784775
Conc: 47.24 ug/ml



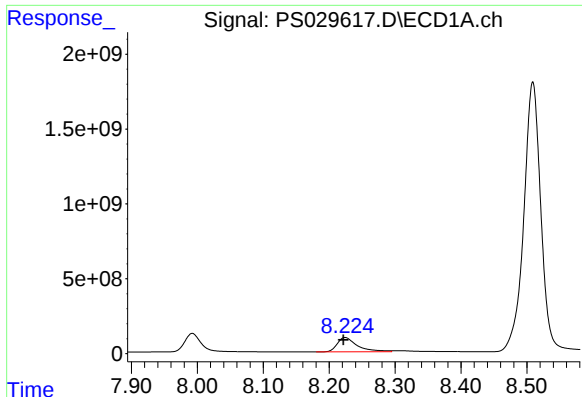
#8 DICHLORPROP

R.T.: 7.992 min
Delta R.T.: 0.002 min
Response: 2170185941
Conc: 494.13 ng/ml



#8 DICHLORPROP

R.T.: 8.424 min
Delta R.T.: -0.004 min
Response: 589042000
Conc: 472.90 ng/ml



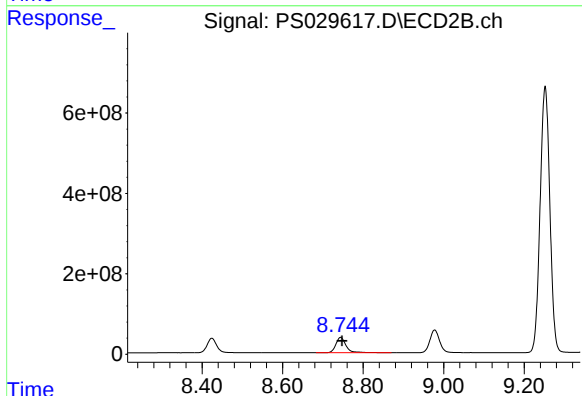
#9 2,4-D

R.T.: 8.224 min
Delta R.T.: 0.003 min
Response: 2029458554
Conc: 503.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167328BS

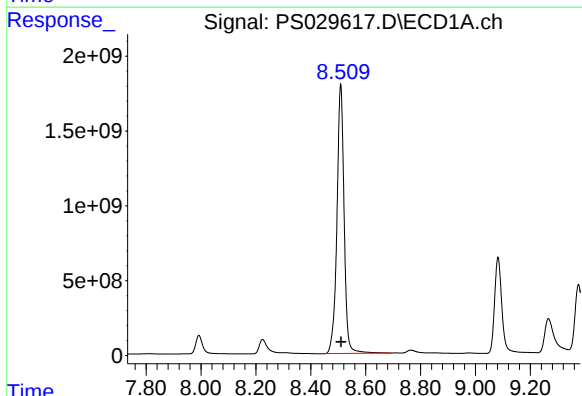
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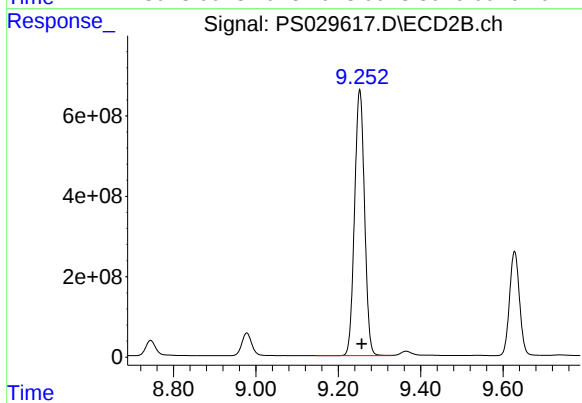
#9 2,4-D

R.T.: 8.744 min
Delta R.T.: -0.004 min
Response: 669148573
Conc: 489.87 ng/ml



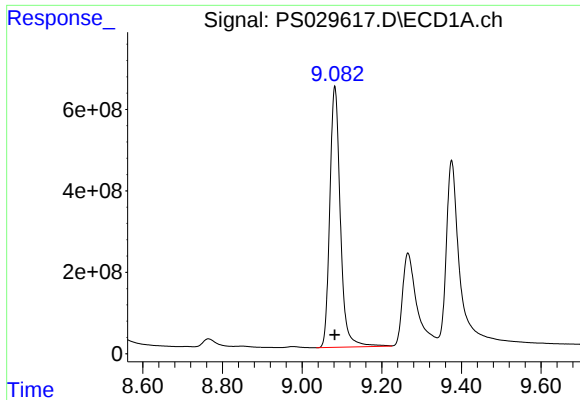
#10 Pentachlorophenol

R.T.: 8.509 min
Delta R.T.: -0.002 min
Response: 32735456908
Conc: 550.92 ng/ml



#10 Pentachlorophenol

R.T.: 9.252 min
Delta R.T.: -0.005 min
Response: 11140428885
Conc: 501.94 ng/ml



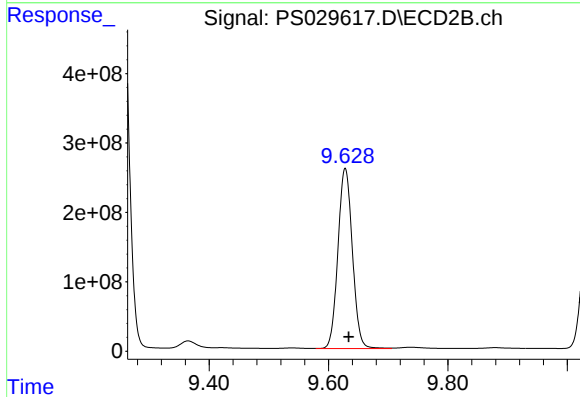
#11 2,4,5-TP (SILVEX)

R.T.: 9.082 min
Delta R.T.: 0.000 min
Response: 11760128315
Conc: 504.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167328BS

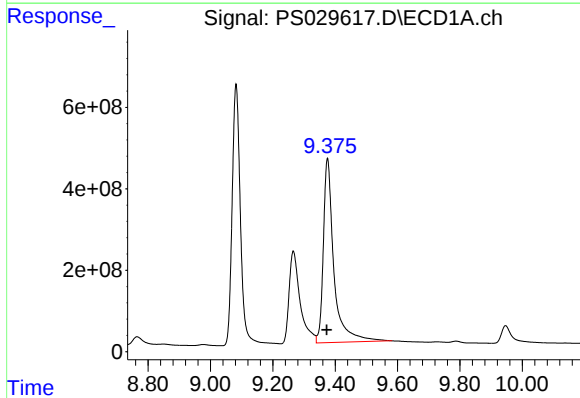
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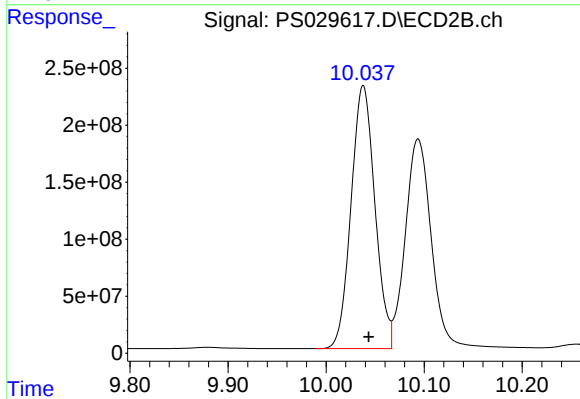
#11 2,4,5-TP (SILVEX)

R.T.: 9.628 min
Delta R.T.: -0.006 min
Response: 4353053971
Conc: 493.28 ng/ml



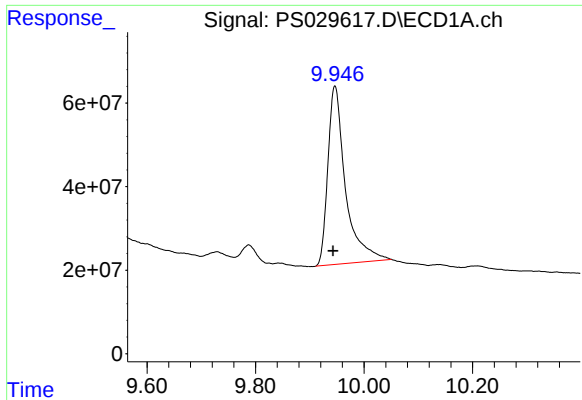
#12 2,4,5-T

R.T.: 9.375 min
Delta R.T.: 0.003 min
Response: 10667945988
Conc: 517.90 ng/ml



#12 2,4,5-T

R.T.: 10.038 min
Delta R.T.: -0.006 min
Response: 3899895115
Conc: 489.28 ng/ml



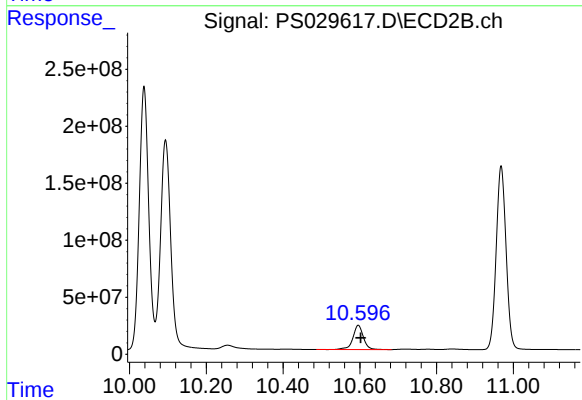
#13 2,4-DB

R.T.: 9.946 min
Delta R.T.: 0.004 min
Response: 965593510
Conc: 505.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167328BS

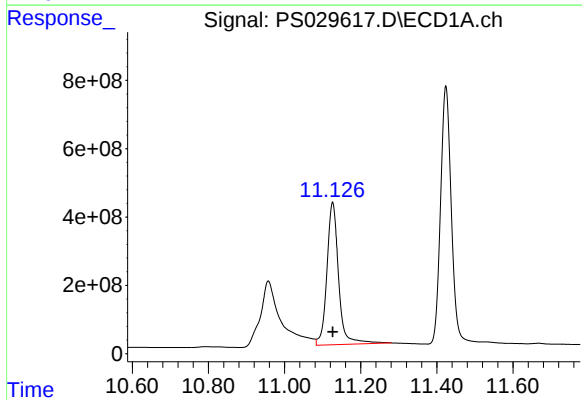
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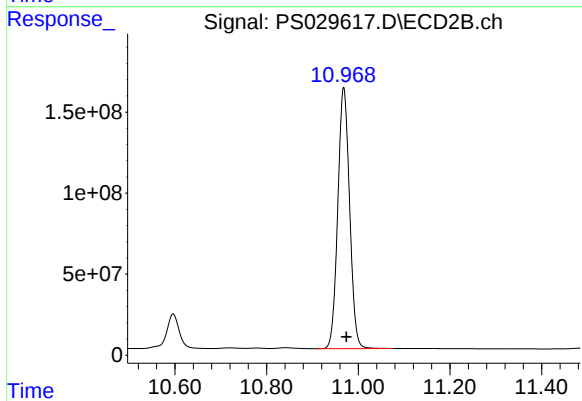
#13 2,4-DB

R.T.: 10.596 min
Delta R.T.: -0.006 min
Response: 400769651
Conc: 436.11 ng/ml



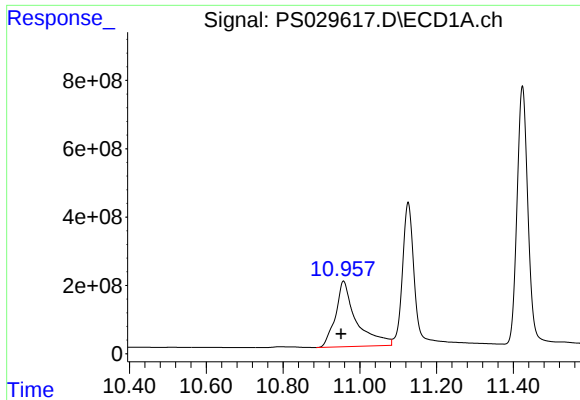
#14 DINOSEB

R.T.: 11.126 min
Delta R.T.: 0.000 min
Response: 8874264365
Conc: 500.52 ng/ml



#14 DINOSEB

R.T.: 10.968 min
Delta R.T.: -0.006 min
Response: 2875578918
Conc: 485.09 ng/ml m



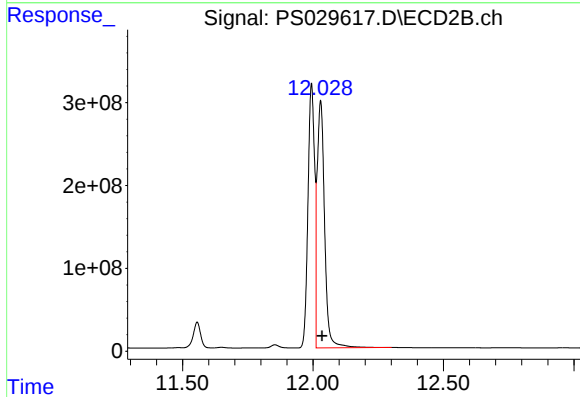
#15 Picloram

R.T.: 10.957 min
Delta R.T.: 0.006 min
Response: 7245415389
Conc: 503.38 ng/ml

Instrument :
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ClientSampleId :
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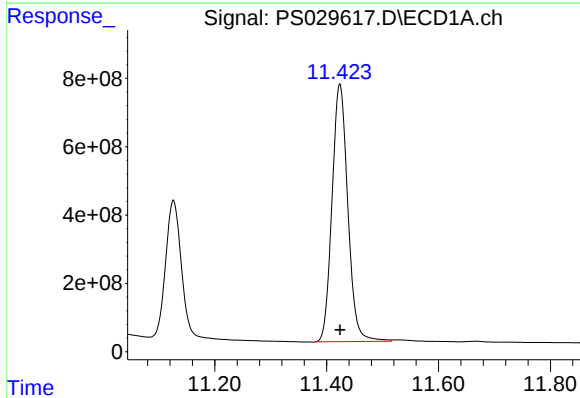
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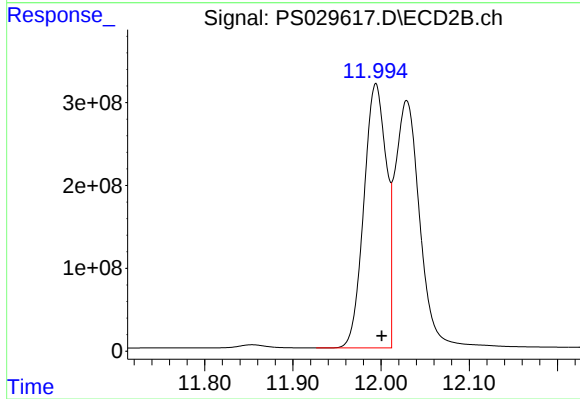
#15 Picloram

R.T.: 12.029 min
Delta R.T.: -0.006 min
Response: 5877469600
Conc: 471.09 ng/ml



#16 DCPA

R.T.: 11.424 min
Delta R.T.: 0.000 min
Response: 14758967854
Conc: 511.91 ng/ml



#16 DCPA

R.T.: 11.994 min
Delta R.T.: -0.007 min
Response: 5652827130
Conc: 504.19 ng/ml