

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061125\
 Data File : PS030628.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 14:06
 Operator : AR\AJ
 Sample : PB168375BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168375BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/12/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 02:05:13 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	7.357	7.764	1883.9E6	523.3E6	499.020m	486.489
Target Compounds							
1) T	Dalapon	2.714	2.705	2651.9E6	1235.8E6	469.606	451.033
2) T	3,5-DICHL...	6.515	6.709	2539.3E6	738.3E6	467.956	472.003
3) T	4-Nitroph...	7.157	7.295	775.0E6	749.1E6	422.631	477.960
5) T	DICAMBA	7.548	7.967	7387.8E6	3007.6E6	479.025	466.900
6) T	MCPD	7.729	8.065	452.8E6	100.2E6	45.712m	43.345
7) T	MCPA	7.880	8.314	542.3E6	120.6E6	42.738	39.086
8) T	DICHLORPROP	8.264	8.687	1685.0E6	698.3E6	463.150	470.466
9) T	2,4-D	8.497	9.023	1692.8E6	762.5E6	464.598	484.938
10) T	Pentachlo...	8.805	9.548	26478.7E6	17948.6E6	521.376m	496.667
11) T	2,4,5-TP ...	9.387	9.930	9885.4E6	6634.3E6	478.363	483.662
12) T	2,4,5-T	9.682	10.355	8282.3E6	6257.6E6	449.365	479.250
13) T	2,4-DB	10.262	10.923	1241.9E6	539.6E6	409.023	469.415
14) T	DINOSEB	11.482	11.309	6657.3E6	4743.4E6	463.120	471.977
15) T	Picloram	11.289	12.416	7742.2E6	9842.2E6	387.018m	445.675
16) T	DCPA	11.778	12.353	13054.3E6	10204.2E6	493.732	498.666

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

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Acq On : 11 Jun 2025 14:06
Operator : AR\AJ
Sample : PB168375BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

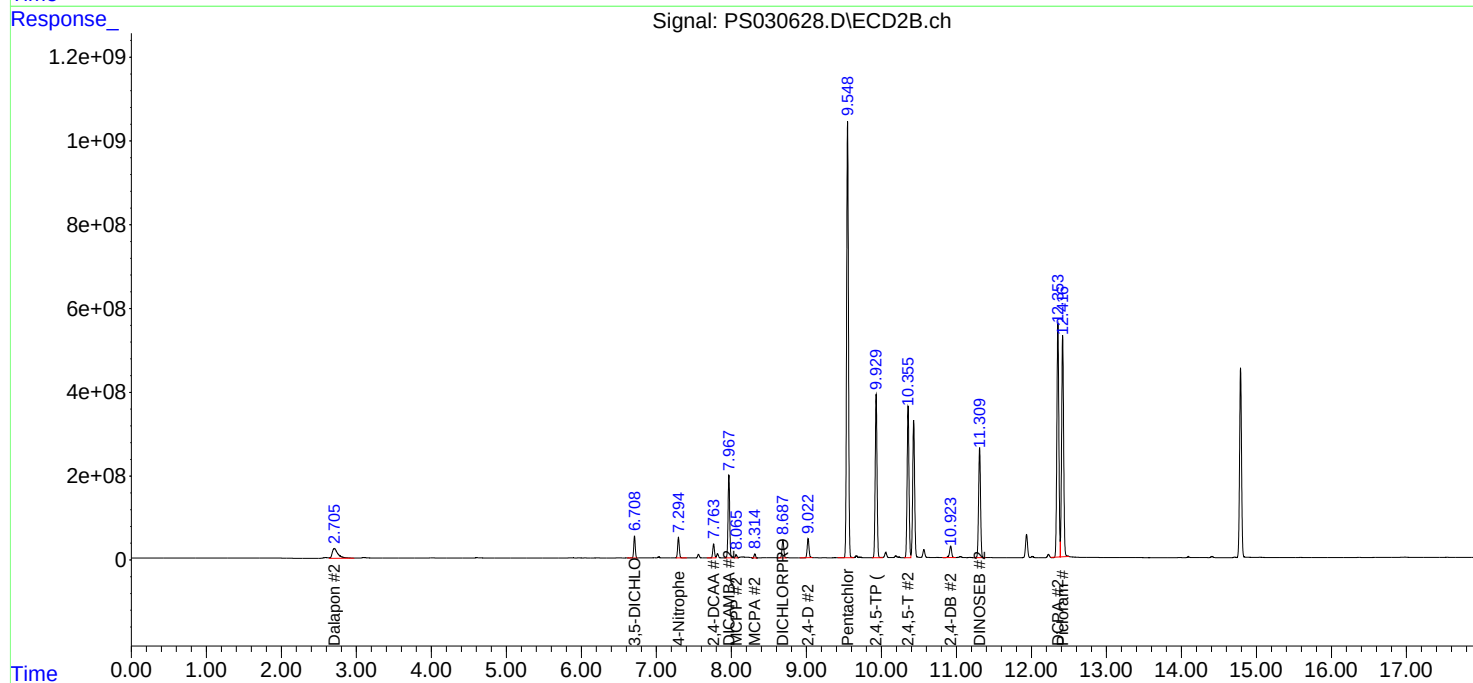
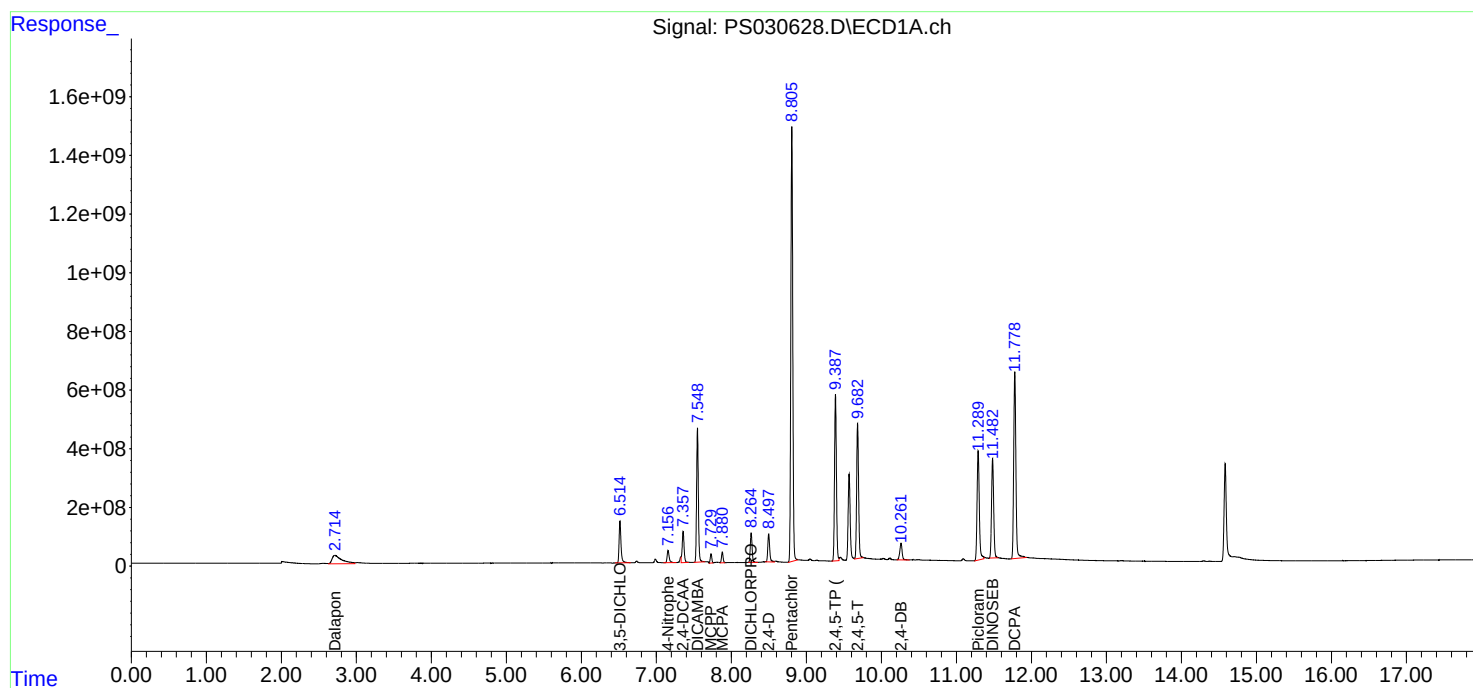
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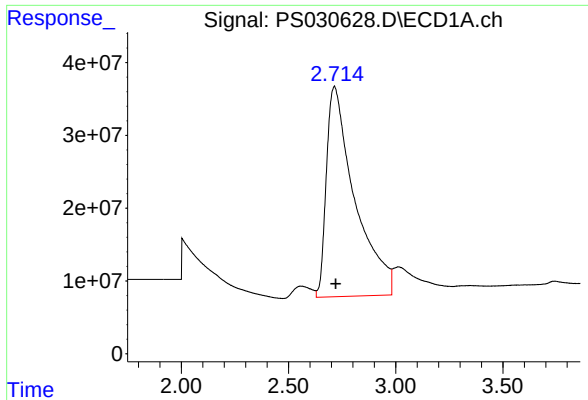
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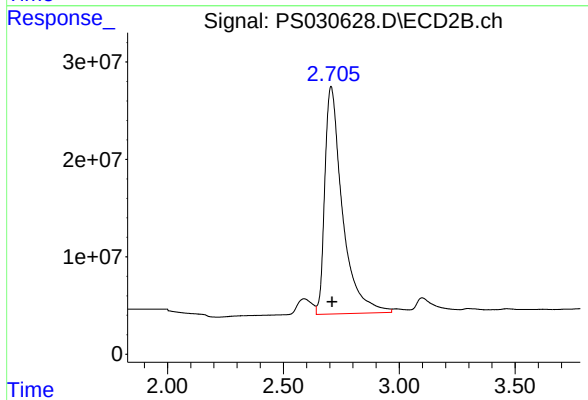
#1 Dalapon

R.T.: 2.714 min
Delta R.T.: -0.006 min
Response: 2651852790
Conc: 469.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168375BS

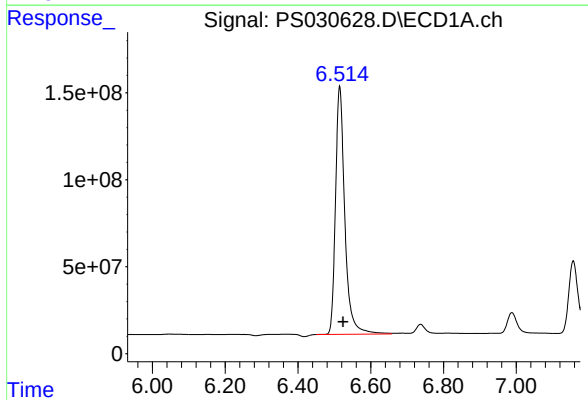
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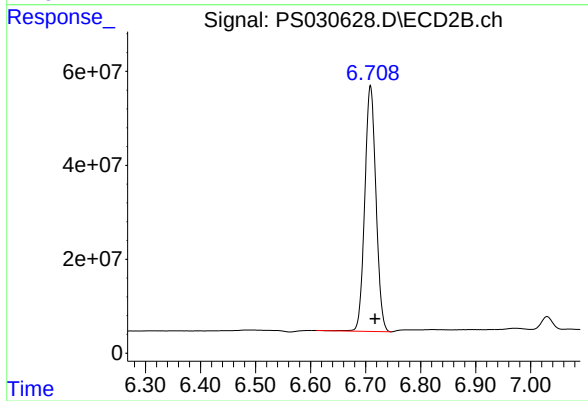
#1 Dalapon

R.T.: 2.705 min
Delta R.T.: -0.005 min
Response: 1235837159
Conc: 451.03 ng/ml



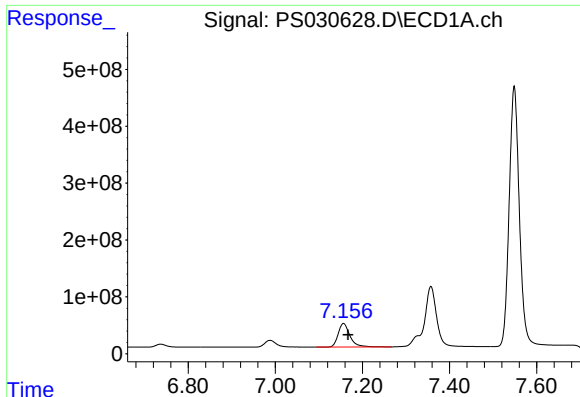
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.515 min
Delta R.T.: -0.009 min
Response: 2539290626
Conc: 467.96 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.709 min
Delta R.T.: -0.008 min
Response: 738329826
Conc: 472.00 ng/ml



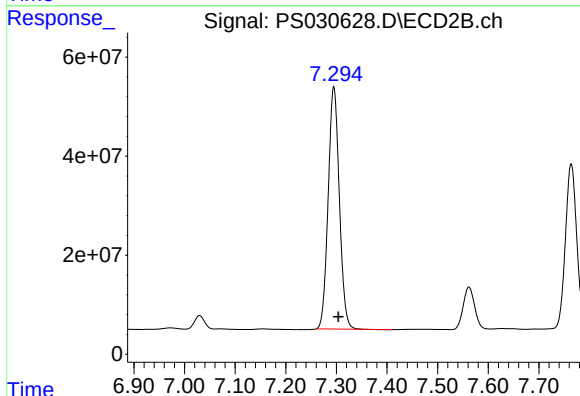
#3 4-Nitrophenol

R.T.: 7.157 min
Delta R.T.: -0.010 min
Response: 775002407
Conc: 422.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168375BS

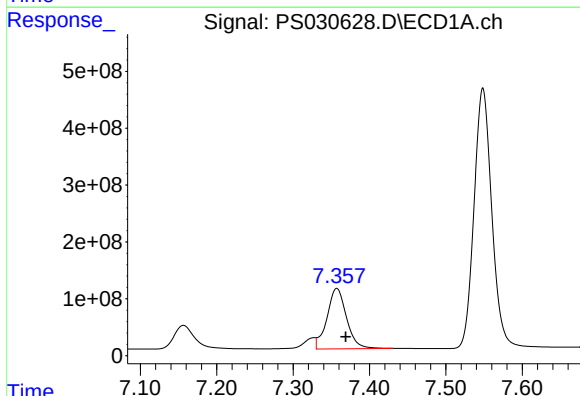
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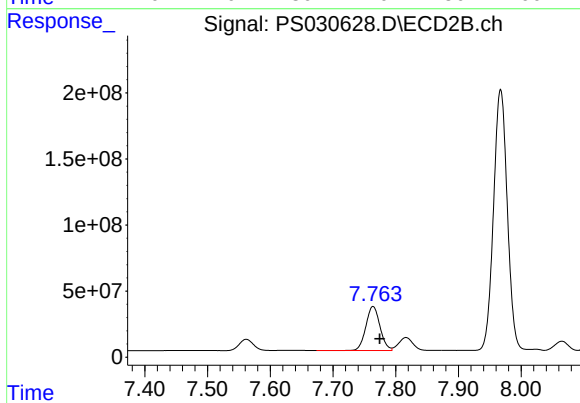
#3 4-Nitrophenol

R.T.: 7.295 min
Delta R.T.: -0.009 min
Response: 749079164
Conc: 477.96 ng/ml



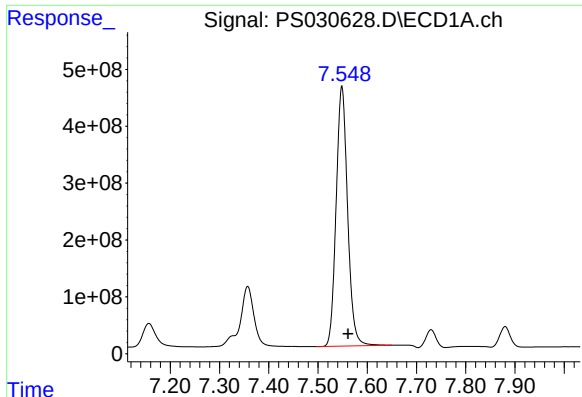
#4 2,4-DCAA

R.T.: 7.357 min
Delta R.T.: -0.012 min
Response: 1883872360
Conc: 499.02 ng/ml m



#4 2,4-DCAA

R.T.: 7.764 min
Delta R.T.: -0.011 min
Response: 523272289
Conc: 486.49 ng/ml



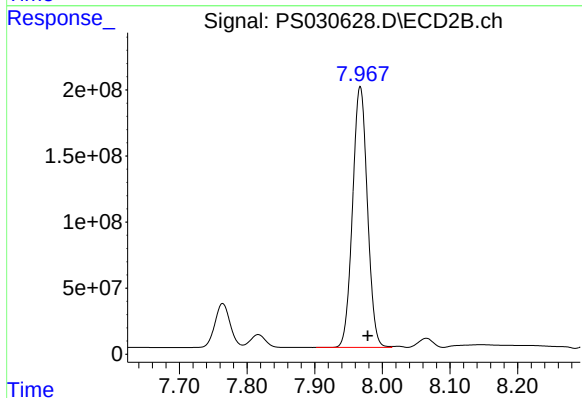
#5 DICAMBA

R.T.: 7.548 min
Delta R.T.: -0.013 min
Response: 7387776111
Conc: 479.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168375BS

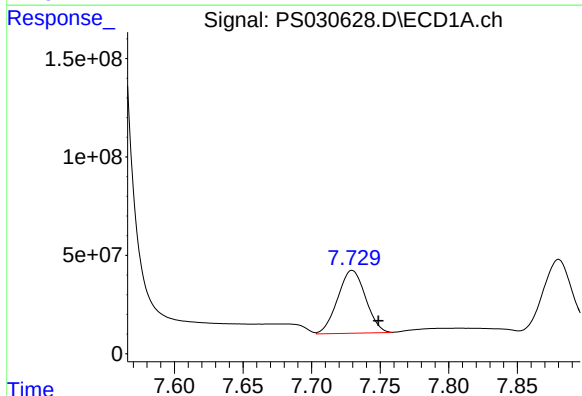
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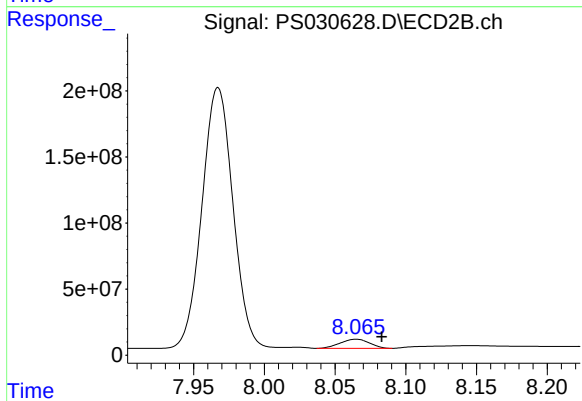
#5 DICAMBA

R.T.: 7.967 min
Delta R.T.: -0.011 min
Response: 3007607395
Conc: 466.90 ng/ml



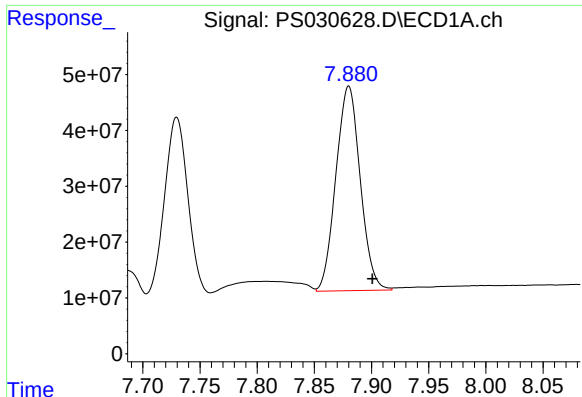
#6 MCP

R.T.: 7.729 min
Delta R.T.: -0.020 min
Response: 452776893
Conc: 45.71 ug/ml m



#6 MCP

R.T.: 8.065 min
Delta R.T.: -0.018 min
Response: 100195503
Conc: 43.34 ug/ml



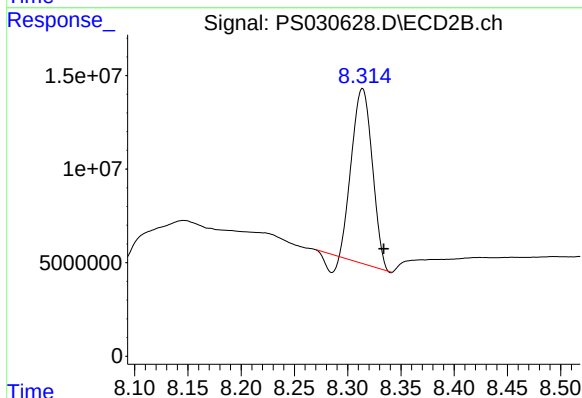
#7 MCPA

R.T.: 7.780 min
Delta R.T.: -0.021 min
Response: 542320287
Conc: 42.74 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168375BS

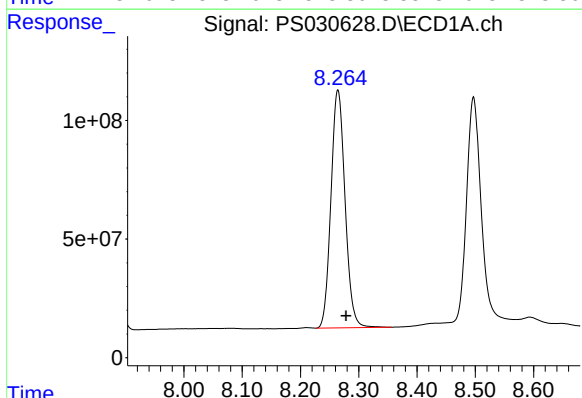
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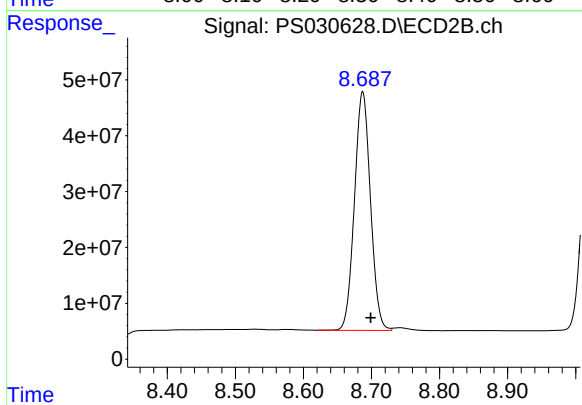
#7 MCPA

R.T.: 8.314 min
Delta R.T.: -0.020 min
Response: 120616964
Conc: 39.09 ug/ml



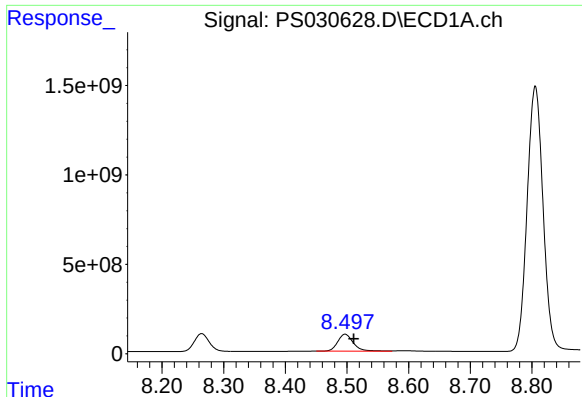
#8 DICHLORPROP

R.T.: 8.264 min
Delta R.T.: -0.014 min
Response: 1685006367
Conc: 463.15 ng/ml



#8 DICHLORPROP

R.T.: 8.687 min
Delta R.T.: -0.012 min
Response: 698266823
Conc: 470.47 ng/ml



#9 2,4-D

R.T.: 8.497 min
Delta R.T.: -0.014 min
Response: 1692816302
Conc: 464.60 ng/ml

Instrument :

ECD_S

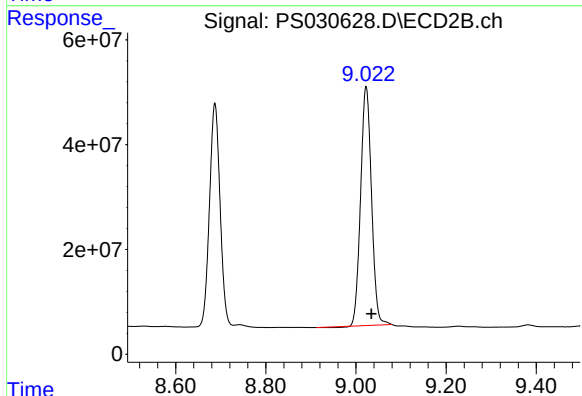
ClientSampleId :

PB168375BS

Manual Integrations

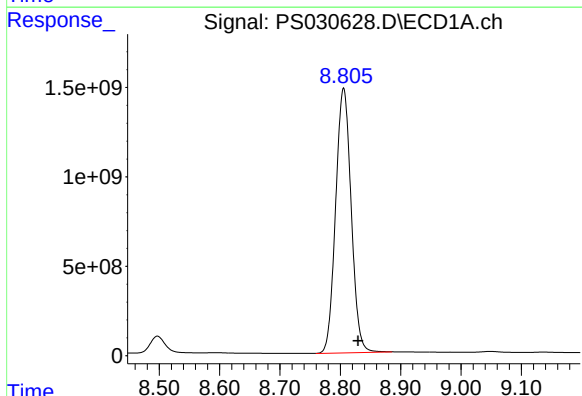
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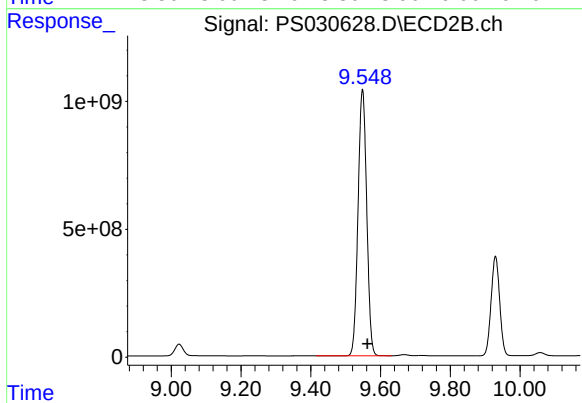
#9 2,4-D

R.T.: 9.023 min
Delta R.T.: -0.012 min
Response: 762478700
Conc: 484.94 ng/ml



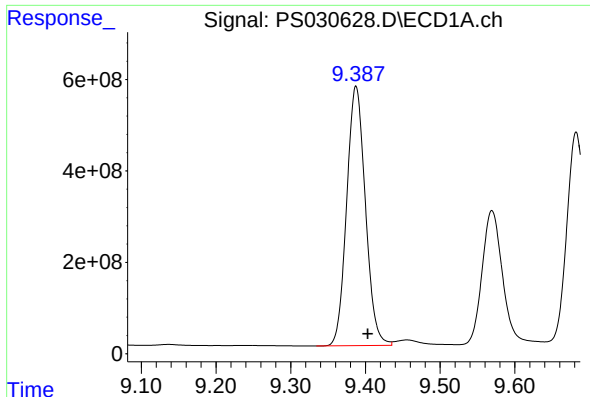
#10 Pentachlorophenol

R.T.: 8.805 min
Delta R.T.: -0.024 min
Response: 26478684223
Conc: 521.38 ng/ml m



#10 Pentachlorophenol

R.T.: 9.548 min
Delta R.T.: -0.015 min
Response: 17948560321
Conc: 496.67 ng/ml



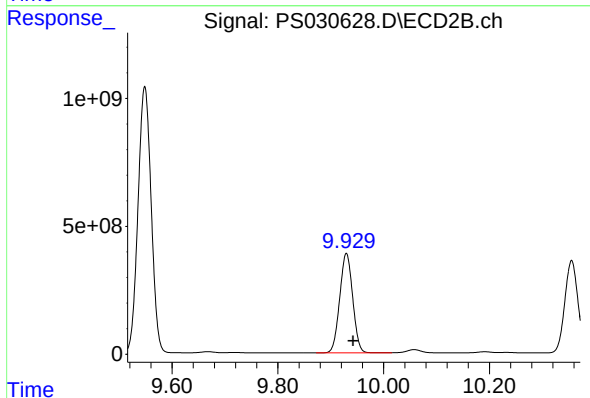
#11 2,4,5-TP (SILVEX)

R.T.: 9.387 min
Delta R.T.: -0.016 min
Response: 9885410470
Conc: 478.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168375BS

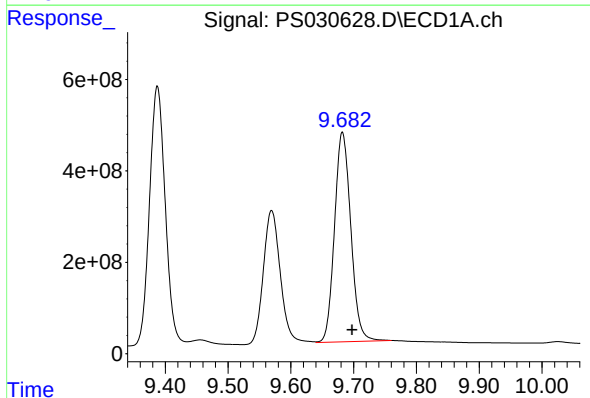
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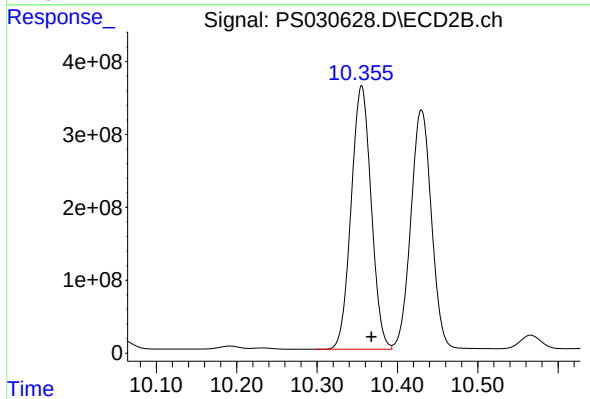
#11 2,4,5-TP (SILVEX)

R.T.: 9.930 min
Delta R.T.: -0.013 min
Response: 6634260663
Conc: 483.66 ng/ml



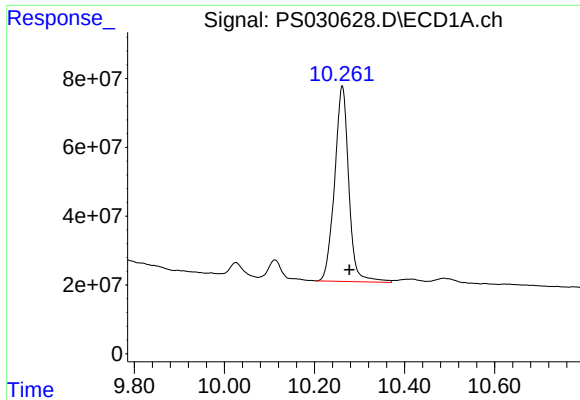
#12 2,4,5-T

R.T.: 9.682 min
Delta R.T.: -0.015 min
Response: 8282271932
Conc: 449.36 ng/ml



#12 2,4,5-T

R.T.: 10.355 min
Delta R.T.: -0.012 min
Response: 6257625464
Conc: 479.25 ng/ml



#13 2,4-DB

R.T.: 10.262 min
Delta R.T.: -0.016 min
Response: 1241944142
Conc: 409.02 ng/ml

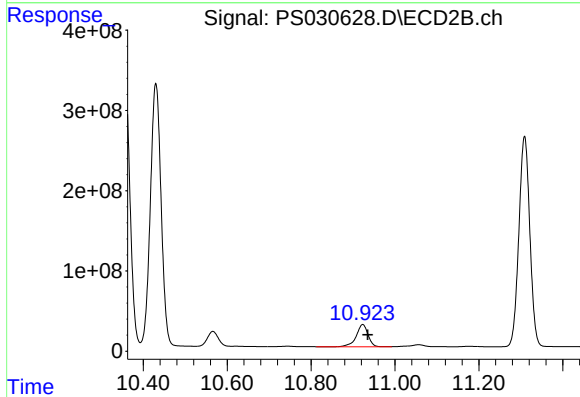
Instrument :

ECD_S

ClientSampleId :
PB168375BS

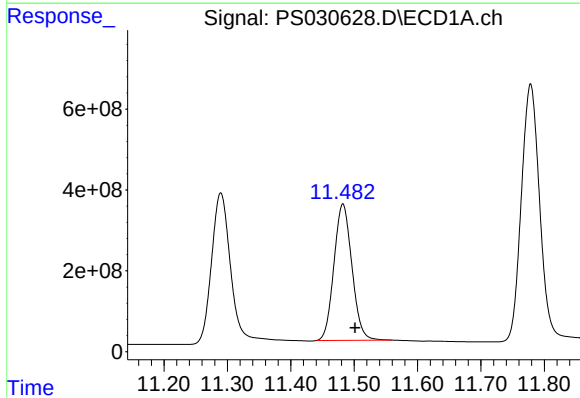
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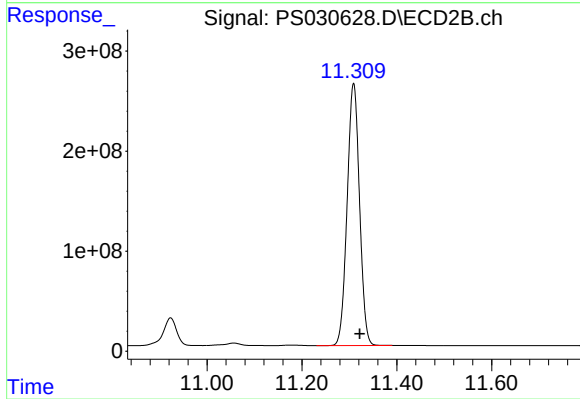
#13 2,4-DB

R.T.: 10.923 min
Delta R.T.: -0.012 min
Response: 539617468
Conc: 469.42 ng/ml



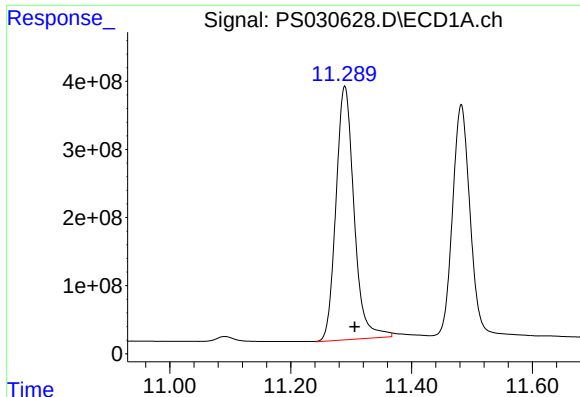
#14 DINOSEB

R.T.: 11.482 min
Delta R.T.: -0.019 min
Response: 6657324497
Conc: 463.12 ng/ml



#14 DINOSEB

R.T.: 11.309 min
Delta R.T.: -0.013 min
Response: 4743421541
Conc: 471.98 ng/ml



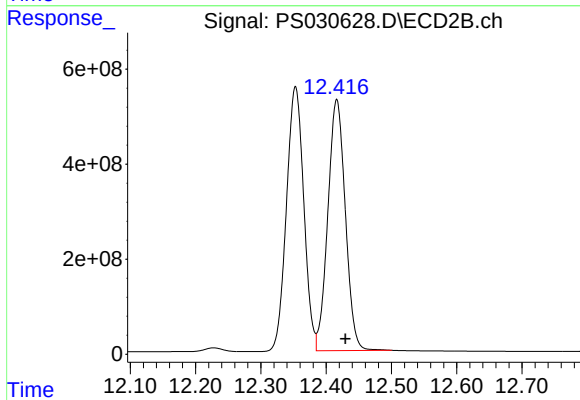
#15 Picloram

R.T.: 11.289 min
Delta R.T.: -0.017 min
Response: 7742224127
Conc: 387.02 ng/ml

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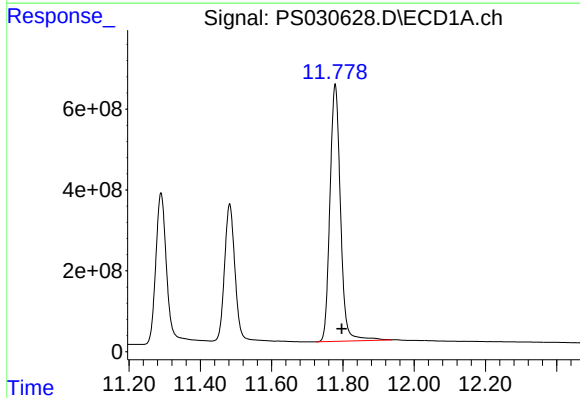
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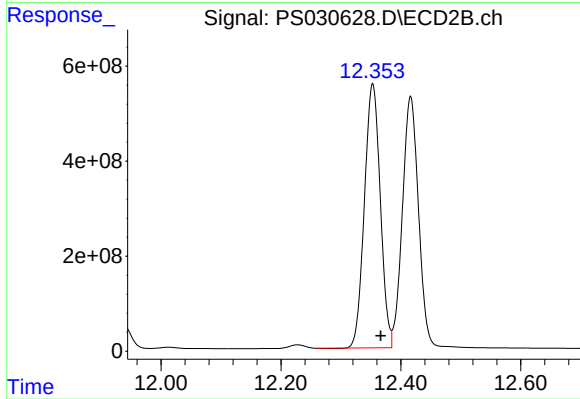
#15 Picloram

R.T.: 12.416 min
Delta R.T.: -0.013 min
Response: 9842229168
Conc: 445.67 ng/ml



#16 DCPA

R.T.: 11.778 min
Delta R.T.: -0.019 min
Response: 13054332717
Conc: 493.73 ng/ml



#16 DCPA

R.T.: 12.353 min
Delta R.T.: -0.014 min
Response: 10204173090
Conc: 498.67 ng/ml