

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091825\
 Data File : PS031768.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2025 17:34
 Operator : AR\AJ
 Sample : Q3117-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 7211986-357MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/19/2025
 Supervised By :mohammad ahmed 09/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 02:22:49 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	7.290	7.753	26326944	13476668	7.310m	14.827 #
Target Compounds							
1) T	Dalapon	2.627f	2.666f	254.7E6	1990.6E6	44.058m	706.479 #
2) T	3,5-DICHL...	6.459	6.710	50628098	13887991	9.493	9.107m
3) T	4-Nitroph...	7.063f	7.320f	29701853	27197891	26.923m	21.538m
5) T	DICAMBA	7.471	7.943	193.3E6	65488393	12.396	10.065m
6) T	MCPD	7.692f	8.075f	31089576	25103594	3.478m	13.329m#
7) T	MCPA	7.840f	8.256f	12242248	57462165	1.102m	20.513 #
8) T	DICHLORPROP	8.182	8.663	46853848	12766887	13.155m	8.774m#
9) T	2,4-D	8.404	9.022f	72147774	12170626	21.061	7.398 #
10) T	Pentachlo...	8.710	9.511	2007.0E6	1337.7E6	37.801	33.704
11) T	2,4,5-TP ...	9.288	9.894	294.3E6	355.4E6	14.033	23.606 #
12) T	2,4,5-T	9.594	10.337	104.8E6	95587128	5.728m	7.103m
13) T	2,4-DB	10.182f	10.881	30910782	72834902	13.251m	68.067m#
14) T	DINOSEB	11.356	11.272	338.2E6	189.5E6	23.450	19.492
15) T	Picloram	11.210f	12.408f	306.6E6	345.9E6	17.021m	14.604m
16) T	DCPA	11.653	12.309	1626.4E6	1484.3E6	60.349	61.577

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

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Acq On : 18 Sep 2025 17:34
Operator : AR\AJ
Sample : Q3117-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

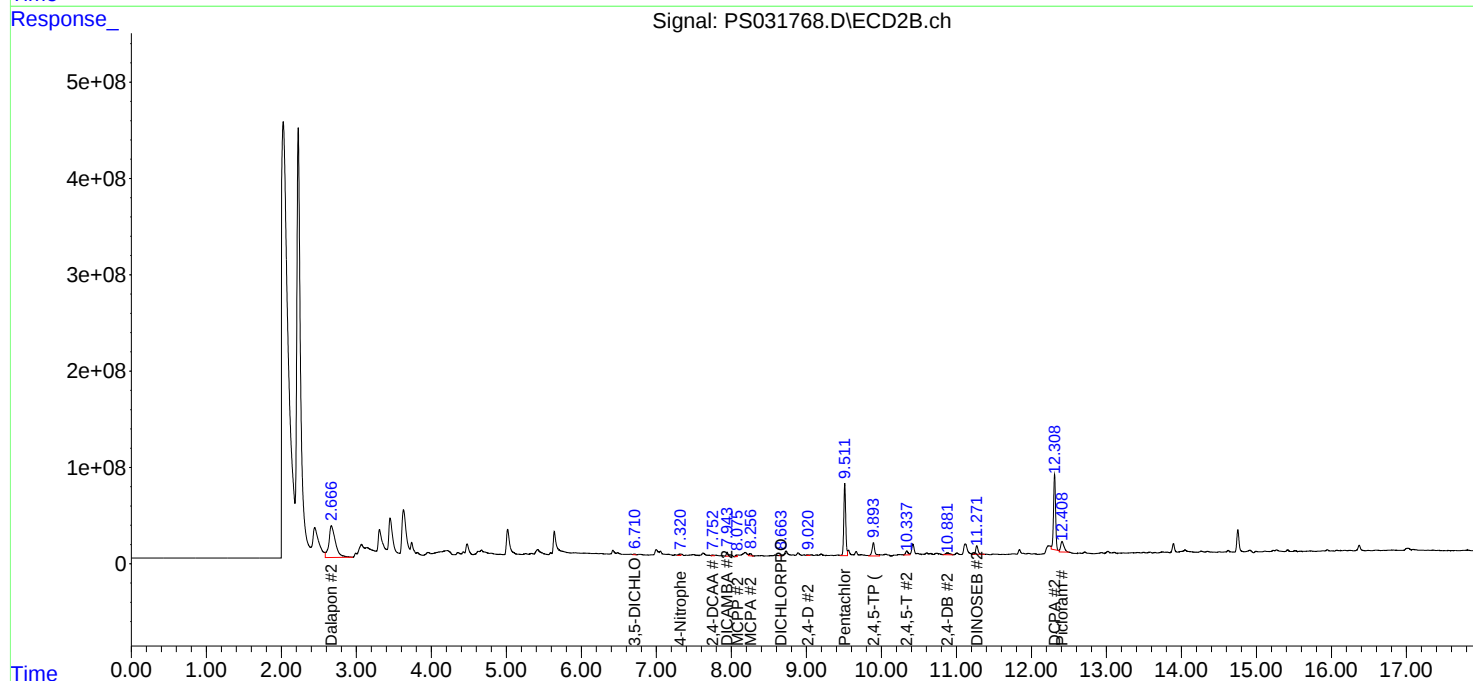
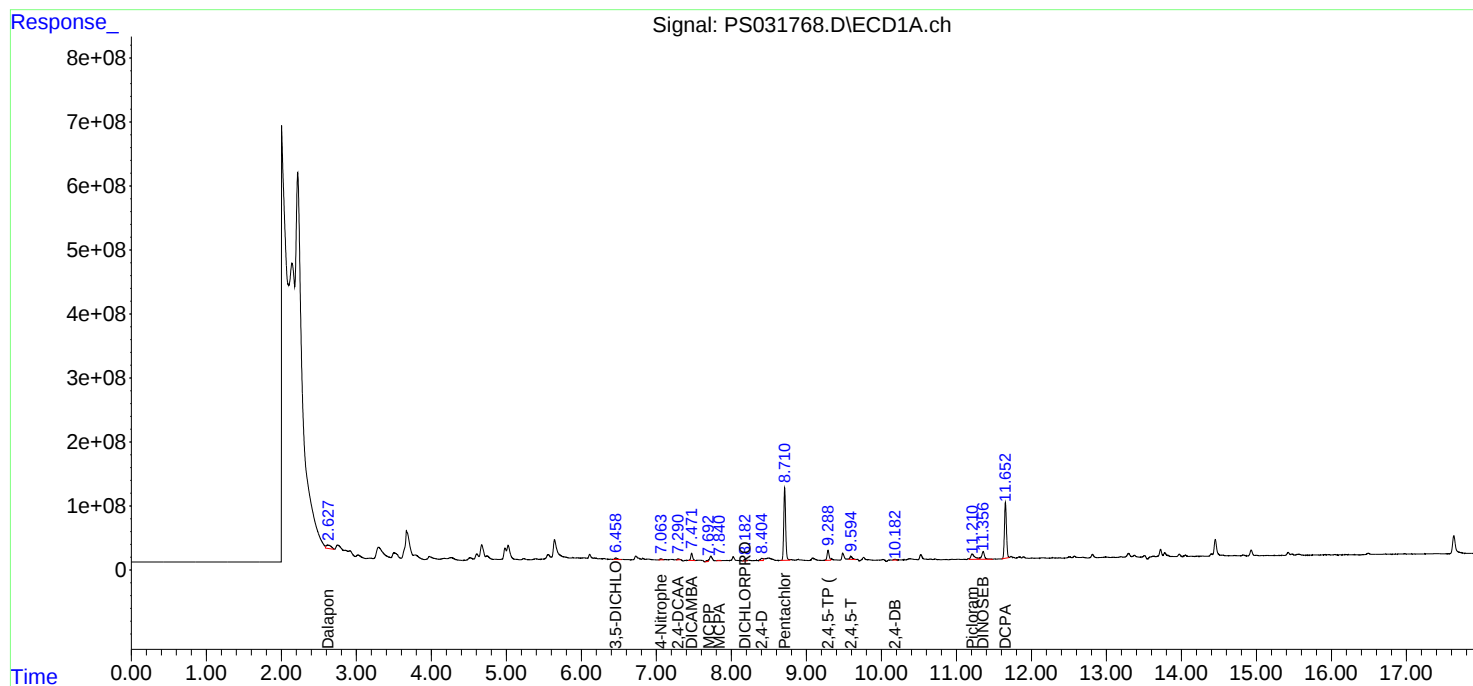
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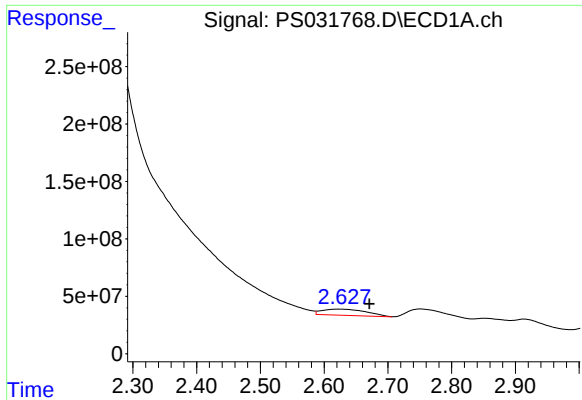
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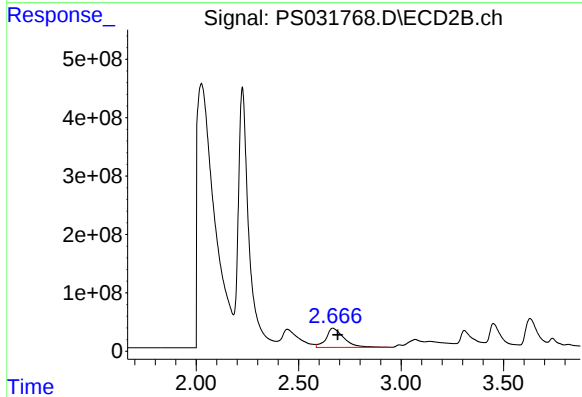
#1 Dalapon

R.T.: 2.627 min
Delta R.T.: -0.043 min
Response: 254685707
Conc: 44.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MS

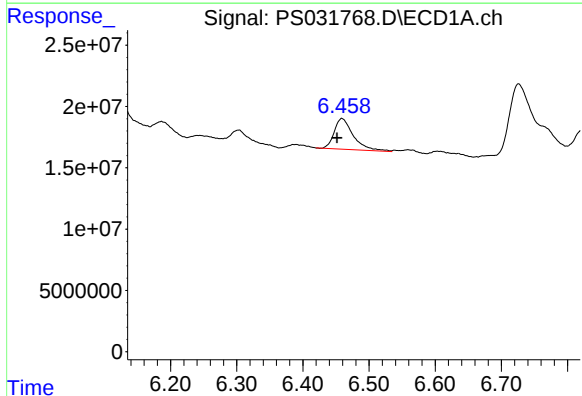
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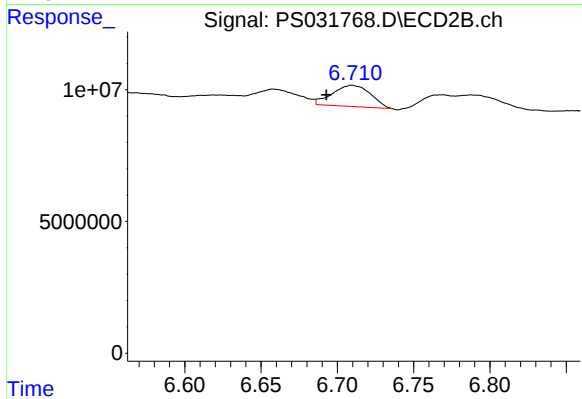
#1 Dalapon

R.T.: 2.666 min
Delta R.T.: -0.025 min
Response: 1990594043
Conc: 706.48 ng/ml



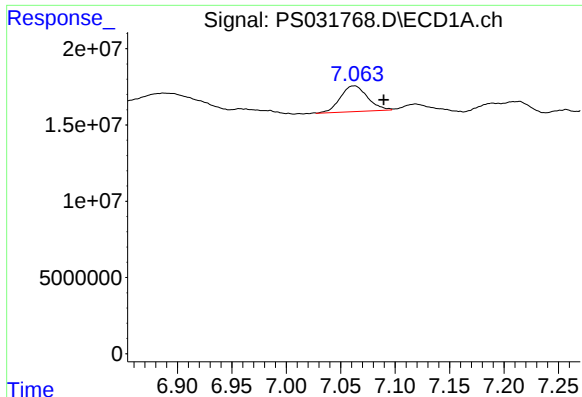
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.459 min
Delta R.T.: 0.007 min
Response: 50628098
Conc: 9.49 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.710 min
Delta R.T.: 0.017 min
Response: 13887991
Conc: 9.11 ng/ml m



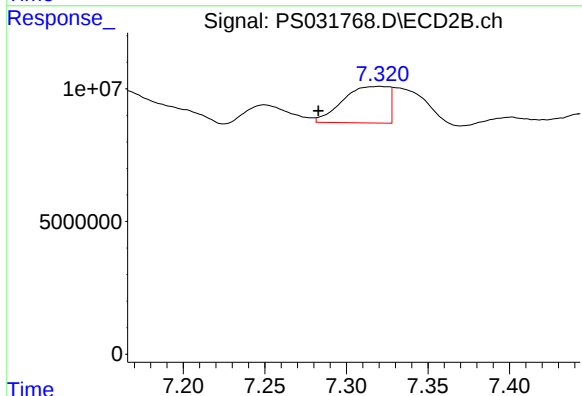
#3 4-Nitrophenol

R.T.: 7.063 min
Delta R.T.: -0.027 min
Response: 29701853
Conc: 26.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MS

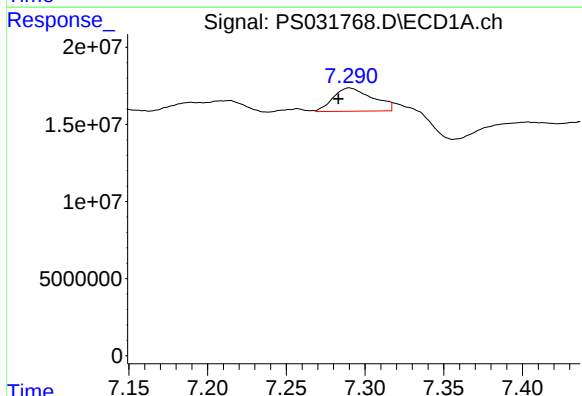
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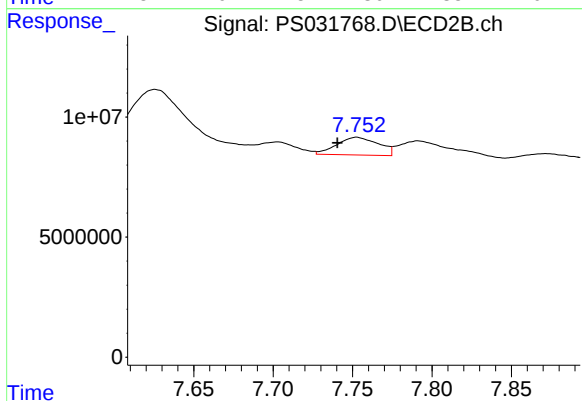
#3 4-Nitrophenol

R.T.: 7.320 min
Delta R.T.: 0.037 min
Response: 27197891
Conc: 21.54 ng/ml m



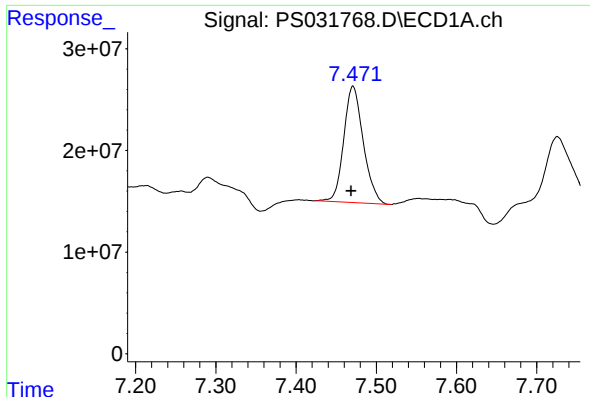
#4 2,4-DCAA

R.T.: 7.290 min
Delta R.T.: 0.006 min
Response: 26326944
Conc: 7.31 ng/ml m



#4 2,4-DCAA

R.T.: 7.753 min
Delta R.T.: 0.012 min
Response: 13476668
Conc: 14.83 ng/ml



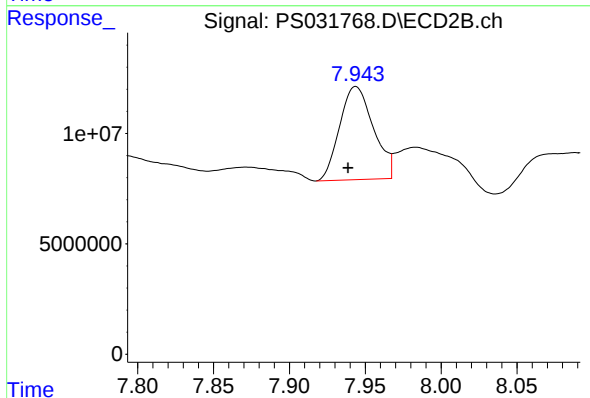
#5 DICAMBA

R.T.: 7.471 min
Delta R.T.: 0.002 min
Response: 193344475
Conc: 12.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MS

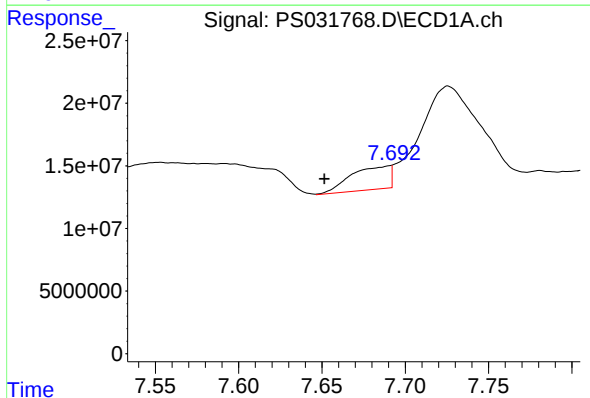
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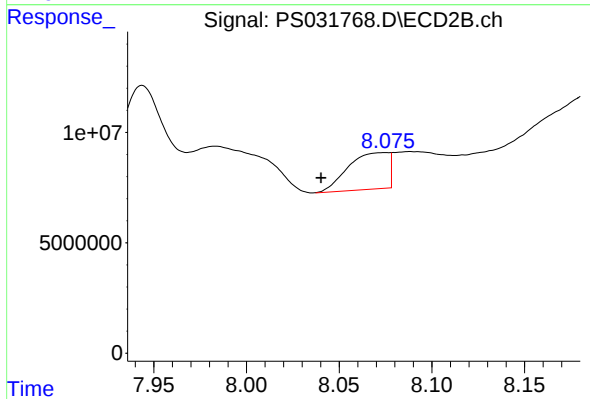
#5 DICAMBA

R.T.: 7.943 min
Delta R.T.: 0.005 min
Response: 65488393
Conc: 10.06 ng/ml m



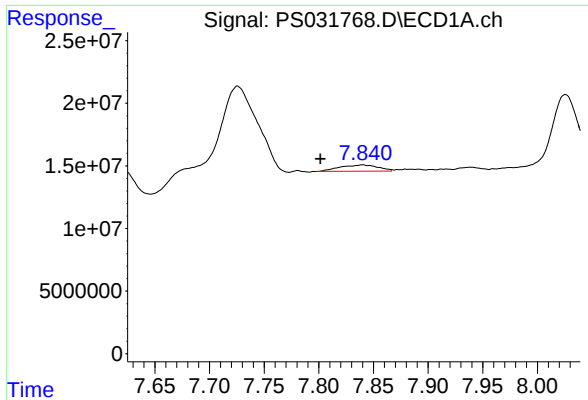
#6 MCP

R.T.: 7.692 min
Delta R.T.: 0.040 min
Response: 31089576
Conc: 3.48 ug/ml m



#6 MCP

R.T.: 8.075 min
Delta R.T.: 0.035 min
Response: 25103594
Conc: 13.33 ug/ml m



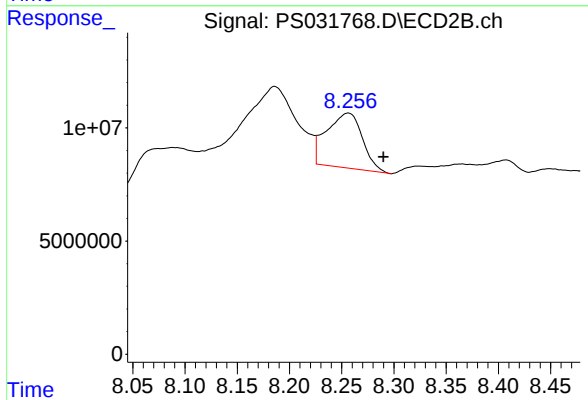
#7 MCPA

R.T.: 7.840 min
Delta R.T.: 0.039 min
Response: 12242248
Conc: 1.10 ug/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MS

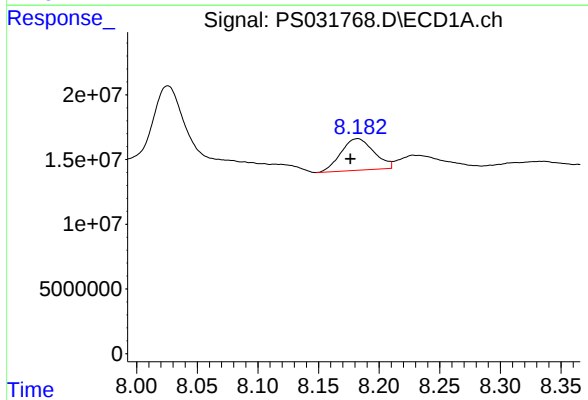
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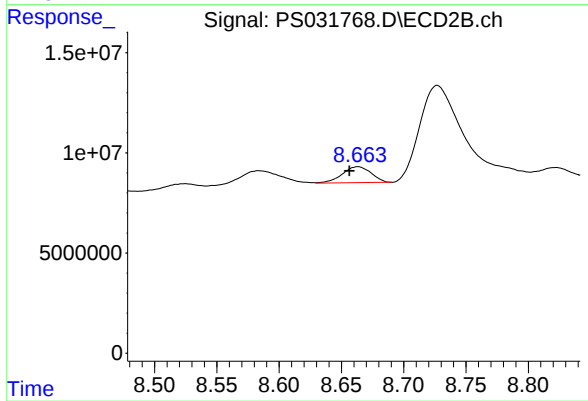
#7 MCPA

R.T.: 8.256 min
Delta R.T.: -0.034 min
Response: 57462165
Conc: 20.51 ug/ml



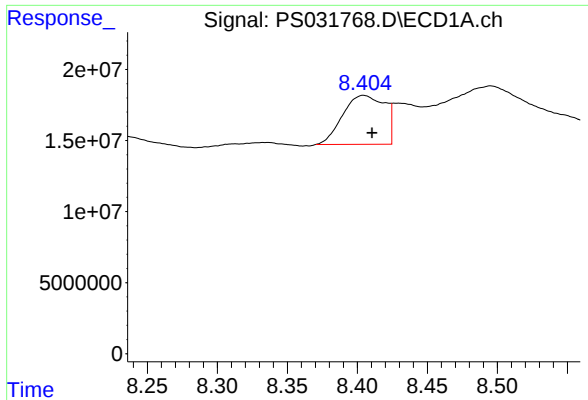
#8 DICHLORPROP

R.T.: 8.182 min
Delta R.T.: 0.006 min
Response: 46853848
Conc: 13.15 ng/ml m



#8 DICHLORPROP

R.T.: 8.663 min
Delta R.T.: 0.006 min
Response: 12766887
Conc: 8.77 ng/ml m



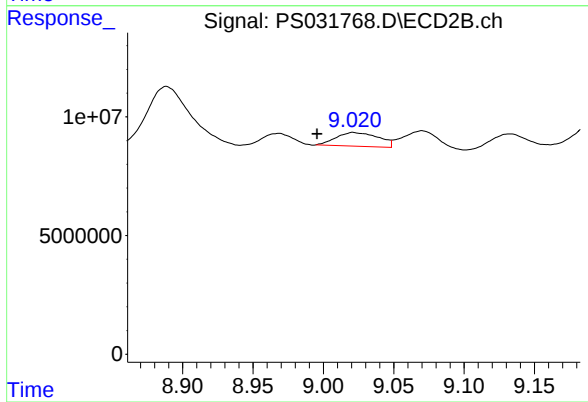
#9 2,4-D

R.T.: 8.404 min
Delta R.T.: -0.006 min
Response: 72147774
Conc: 21.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MS

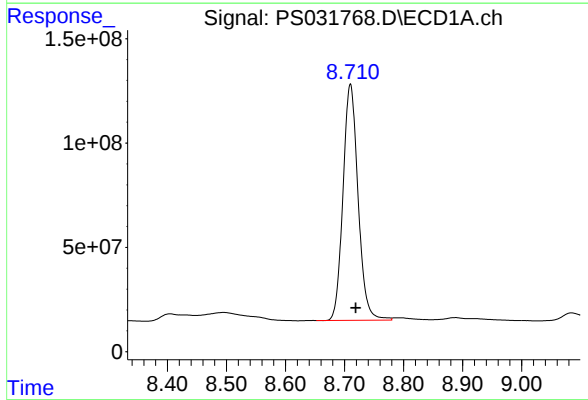
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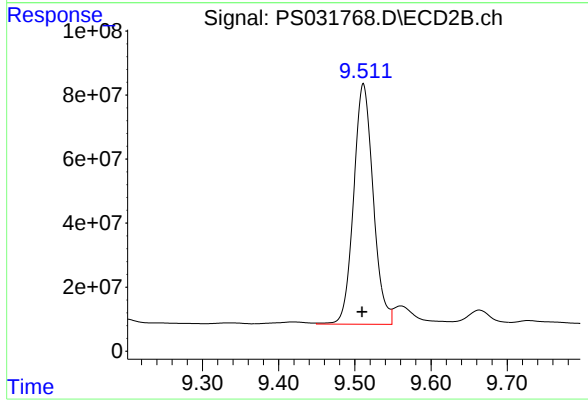
#9 2,4-D

R.T.: 9.022 min
Delta R.T.: 0.026 min
Response: 12170626
Conc: 7.40 ng/ml



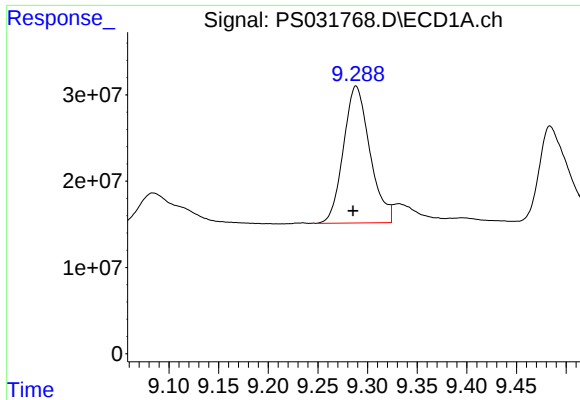
#10 Pentachlorophenol

R.T.: 8.710 min
Delta R.T.: -0.009 min
Response: 2007011634
Conc: 37.80 ng/ml



#10 Pentachlorophenol

R.T.: 9.511 min
Delta R.T.: 0.002 min
Response: 1337729196
Conc: 33.70 ng/ml



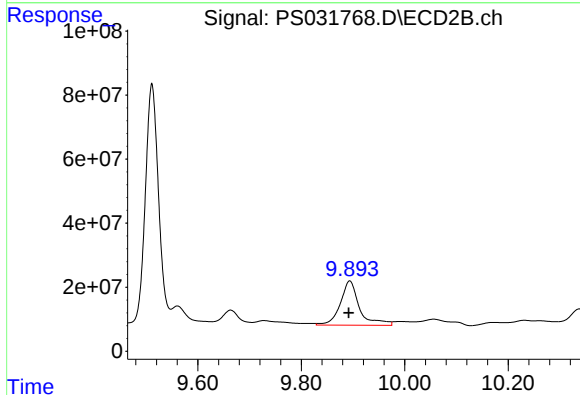
#11 2,4,5-TP (SILVEX)

R.T.: 9.288 min
Delta R.T.: 0.003 min
Response: 294322457
Conc: 14.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
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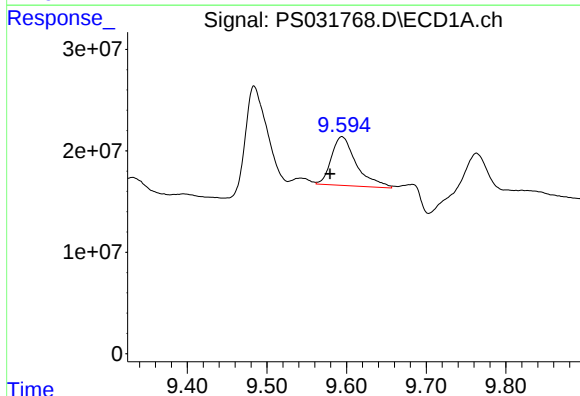
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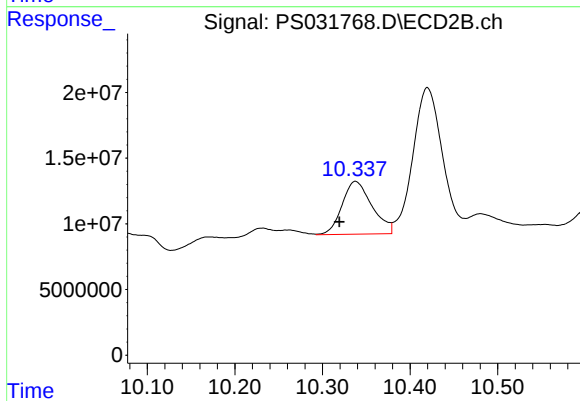
#11 2,4,5-TP (SILVEX)

R.T.: 9.894 min
Delta R.T.: 0.002 min
Response: 355375580
Conc: 23.61 ng/ml



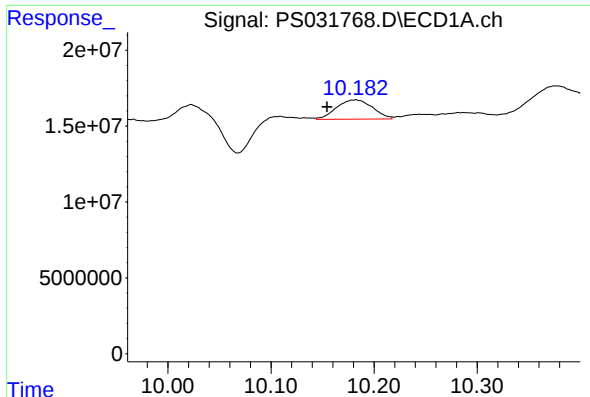
#12 2,4,5-T

R.T.: 9.594 min
Delta R.T.: 0.014 min
Response: 104820518
Conc: 5.73 ng/ml m



#12 2,4,5-T

R.T.: 10.337 min
Delta R.T.: 0.018 min
Response: 95587128
Conc: 7.10 ng/ml m



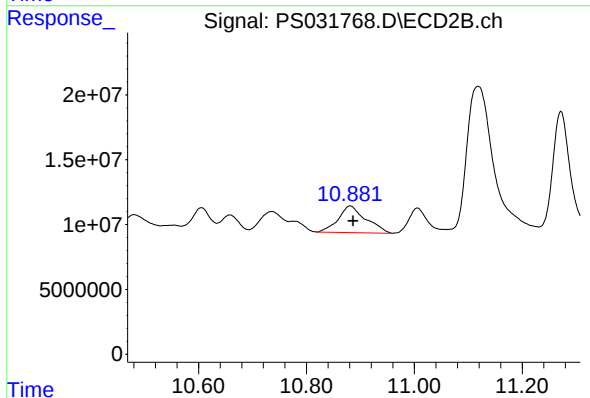
#13 2,4-DB

R.T.: 10.182 min
Delta R.T.: 0.028 min
Response: 30910782
Conc: 13.25 ng/ml

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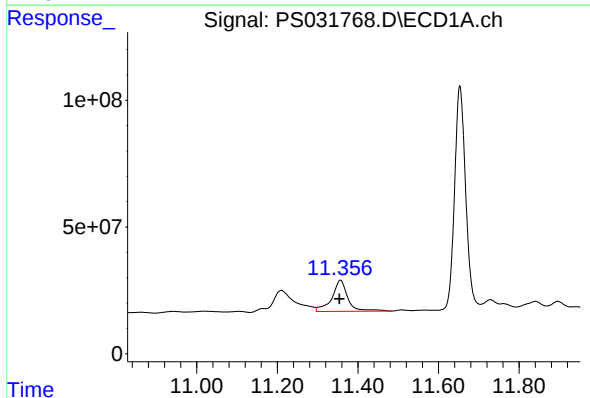
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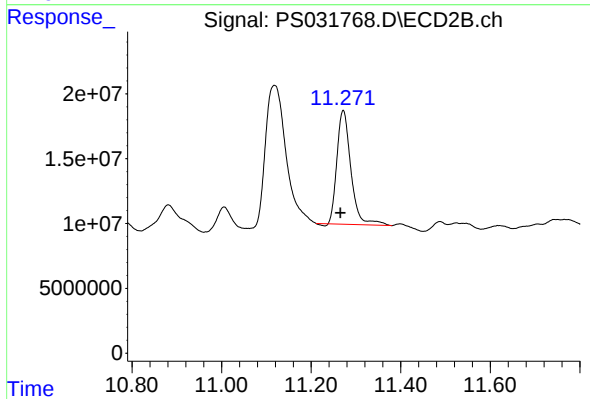
#13 2,4-DB

R.T.: 10.881 min
Delta R.T.: -0.006 min
Response: 72834902
Conc: 68.07 ng/ml m



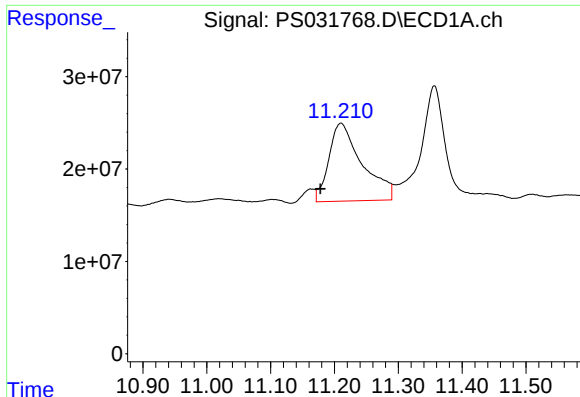
#14 DINOSEB

R.T.: 11.356 min
Delta R.T.: 0.002 min
Response: 338217799
Conc: 23.45 ng/ml



#14 DINOSEB

R.T.: 11.272 min
Delta R.T.: 0.006 min
Response: 189473444
Conc: 19.49 ng/ml



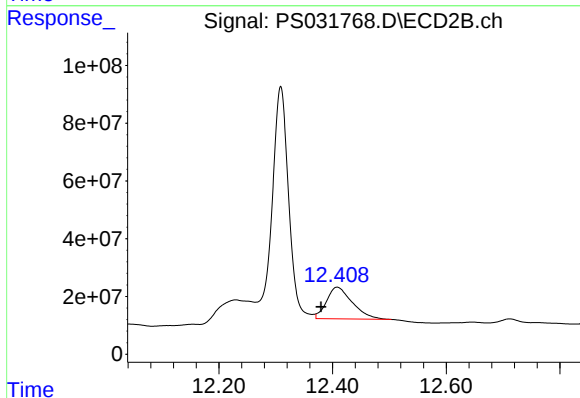
#15 Picloram

R.T.: 11.210 min
Delta R.T.: 0.032 min
Response: 306566409
Conc: 17.02 ng/ml

Instrument :
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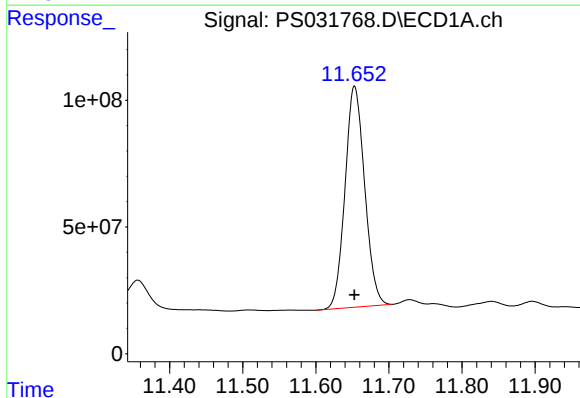
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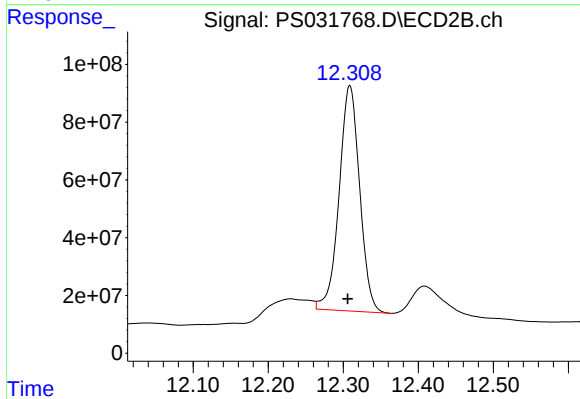
#15 Picloram

R.T.: 12.408 min
Delta R.T.: 0.028 min
Response: 345873575
Conc: 14.60 ng/ml m



#16 DCPA

R.T.: 11.653 min
Delta R.T.: 0.000 min
Response: 1626412261
Conc: 60.35 ng/ml



#16 DCPA

R.T.: 12.309 min
Delta R.T.: 0.003 min
Response: 1484253953
Conc: 61.58 ng/ml