

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091825\
 Data File : PS031769.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2025 17:58
 Operator : AR\AJ
 Sample : Q3117-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 7211986-357MSD

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 02:22:58 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	7.752	22658473	12886145	6.291m	14.178 #
Target Compounds							
1) T	Dalapon	2.625f	2.668	305.3E6	1957.3E6	52.816m	694.652 #
2) T	3,5-DICHL...	6.459	6.709	45891064	12898246	8.605	8.458m
3) T	4-Nitroph...	7.059f	7.307	31996109	19438693	29.003m	15.393m#
5) T	DICAMBA	7.471	7.943	187.5E6	66019946	12.024	10.146m
6) T	MCPD	7.690f	8.069f	26878912	22122838	3.007m	11.746m#
7) T	MCPA	7.842f	8.256f	12979972	55517766	1.168m	19.819 #
8) T	DICHLORPROP	8.181	8.663	40194095	11483245	11.285m	7.892 #
9) T	2,4-D	8.403	9.024f	122.9E6	11990307	35.886	7.288m#
10) T	Pentachlo...	8.709	9.511	1906.5E6	1257.0E6	35.908	31.670
11) T	2,4,5-TP ...	9.289	9.893	274.8E6	282.1E6	13.103	18.736m#
12) T	2,4,5-T	9.593	10.336	91488826	91275183	5.000m	6.783m#
13) T	2,4-DB	10.180f	10.879	31617769	64038676	13.554m	59.847 #
14) T	DINOSEB	11.356	11.271	313.7E6	174.1E6	21.751	17.907
15) T	Picloram	11.205f	12.406f	275.9E6	329.6E6	15.317m	13.916m
16) T	DCPA	11.654	12.309	1575.1E6	1457.8E6	58.446	60.481

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

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ALS Vial : 8 Sample Multiplier: 1

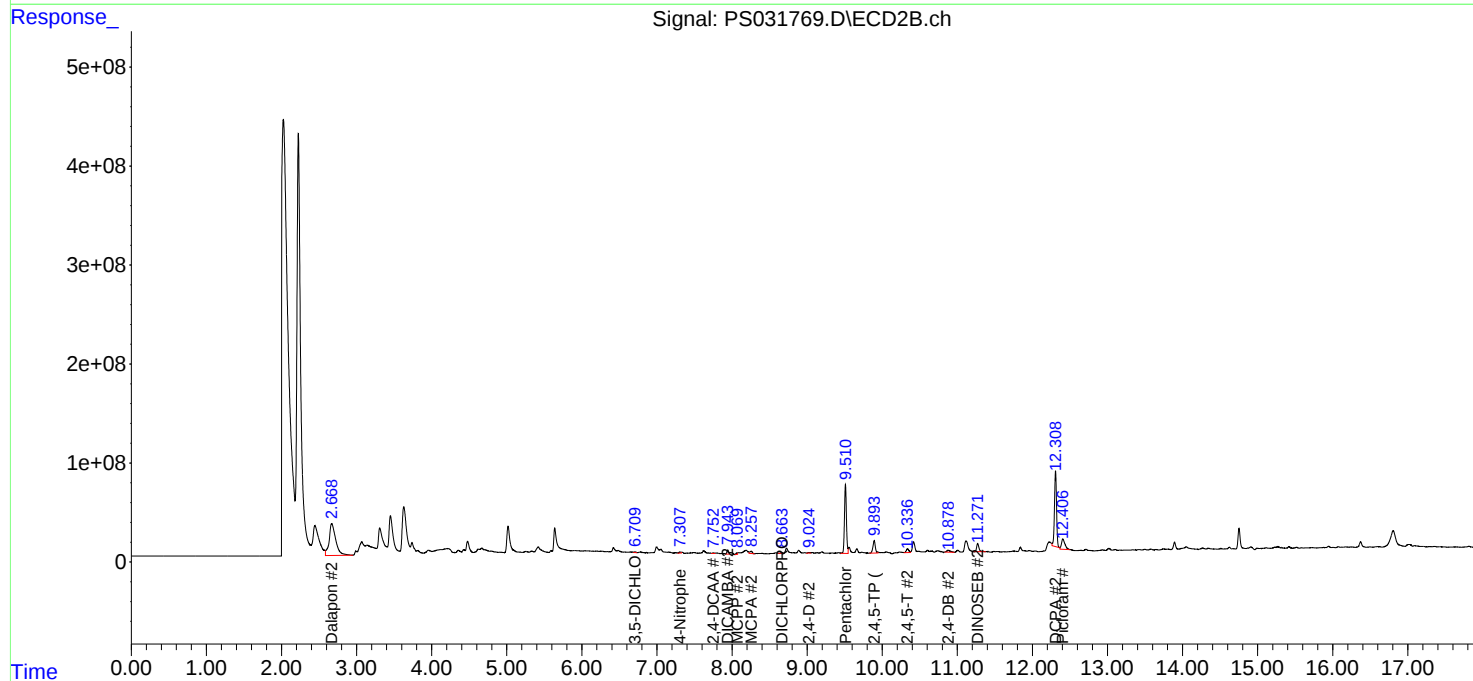
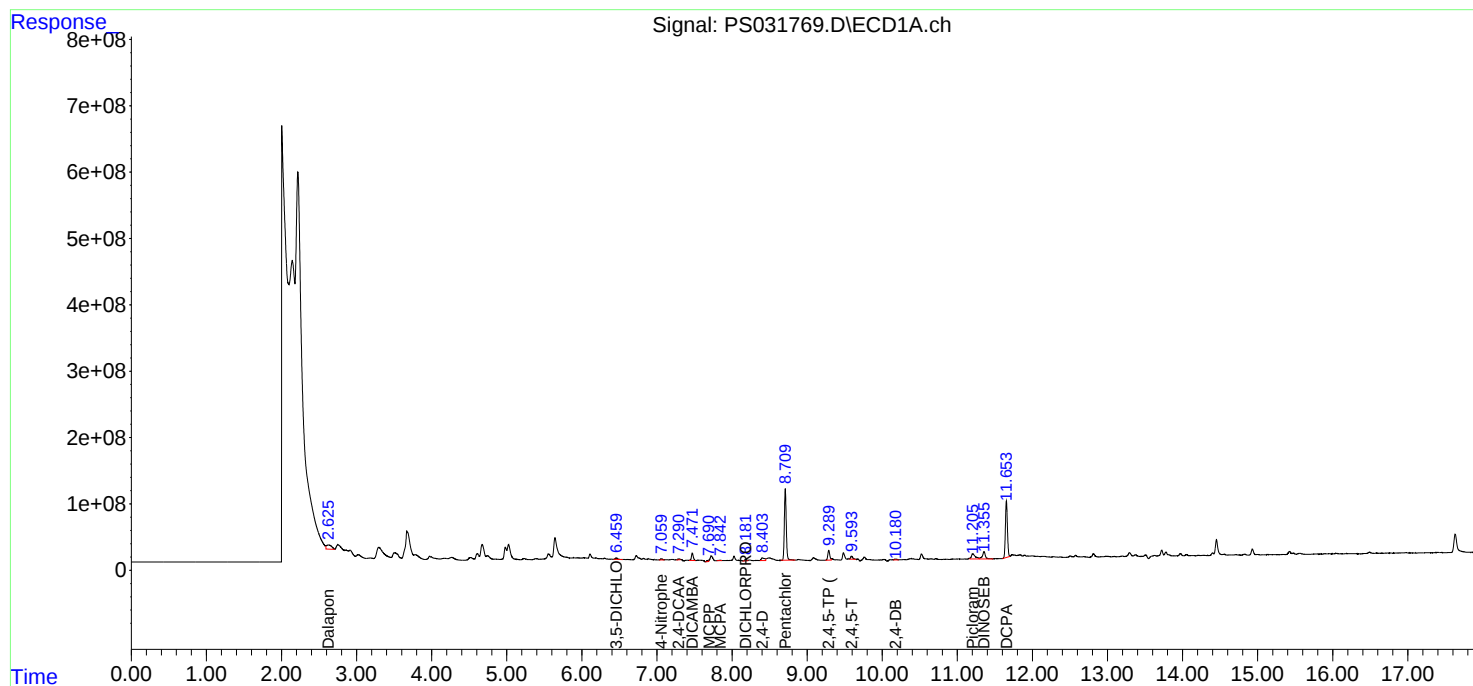
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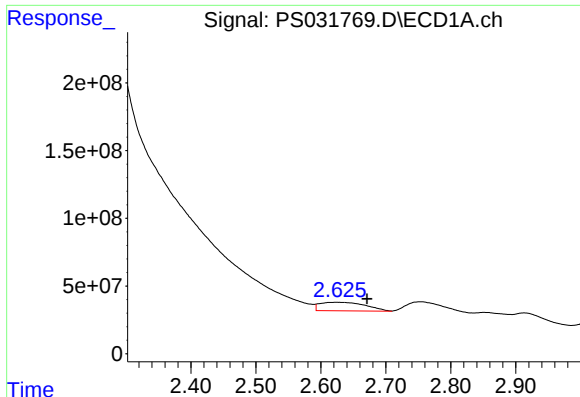
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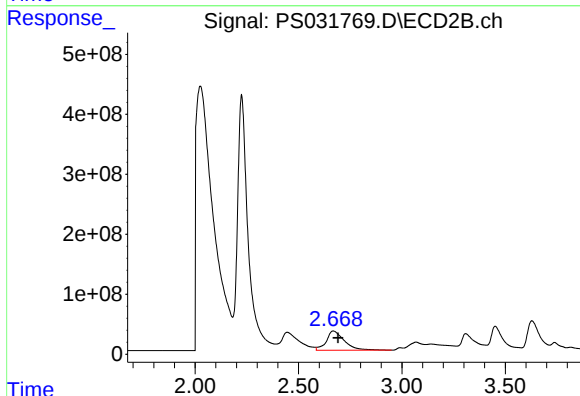
#1 Dalapon

R.T.: 2.625 min
Delta R.T.: -0.046 min
Response: 305315953
Conc: 52.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MSD

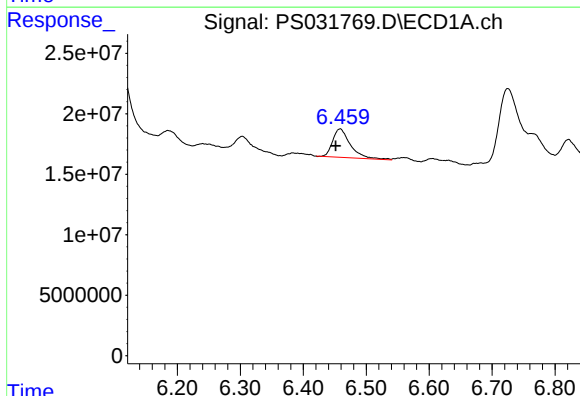
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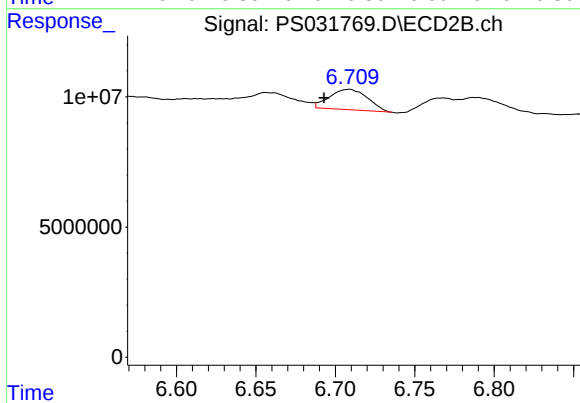
#1 Dalapon

R.T.: 2.668 min
Delta R.T.: -0.024 min
Response: 1957271216
Conc: 694.65 ng/ml



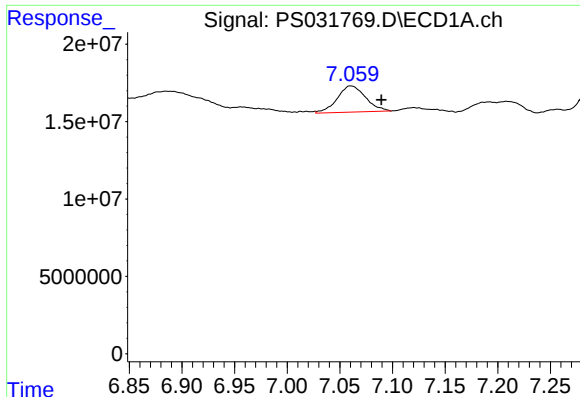
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.459 min
Delta R.T.: 0.007 min
Response: 45891064
Conc: 8.60 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.709 min
Delta R.T.: 0.016 min
Response: 12898246
Conc: 8.46 ng/ml m



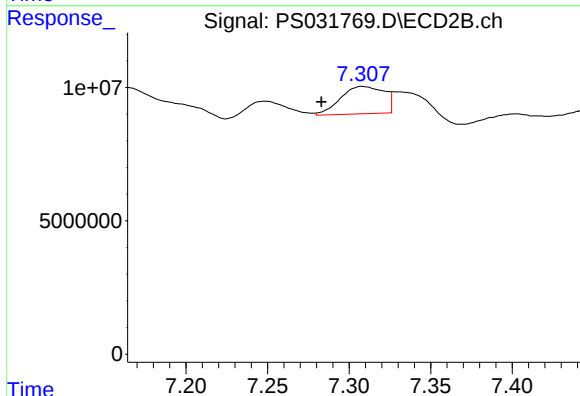
#3 4-Nitrophenol

R.T.: 7.059 min
Delta R.T.: -0.030 min
Response: 31996109
Conc: 29.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MSD

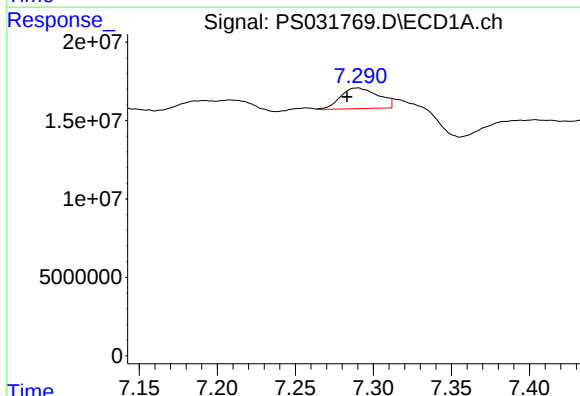
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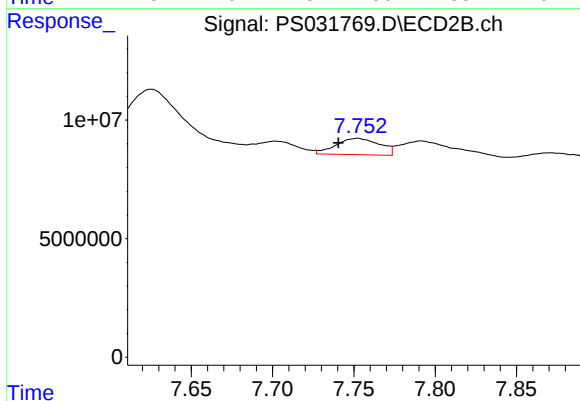
#3 4-Nitrophenol

R.T.: 7.307 min
Delta R.T.: 0.024 min
Response: 19438693
Conc: 15.39 ng/ml m



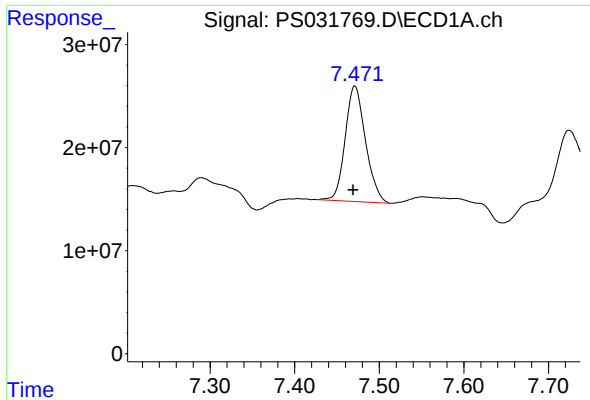
#4 2,4-DCAA

R.T.: 7.290 min
Delta R.T.: 0.007 min
Response: 22658473
Conc: 6.29 ng/ml m



#4 2,4-DCAA

R.T.: 7.752 min
Delta R.T.: 0.011 min
Response: 12886145
Conc: 14.18 ng/ml



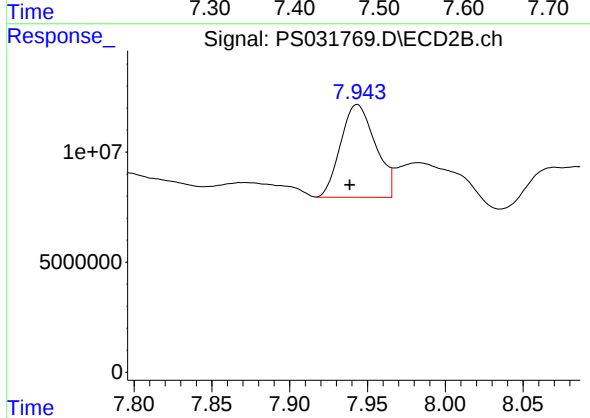
#5 DICAMBA

R.T.: 7.471 min
Delta R.T.: 0.002 min
Response: 187542109
Conc: 12.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MSD

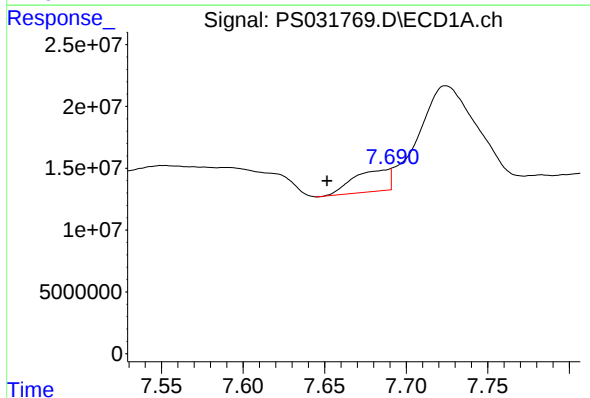
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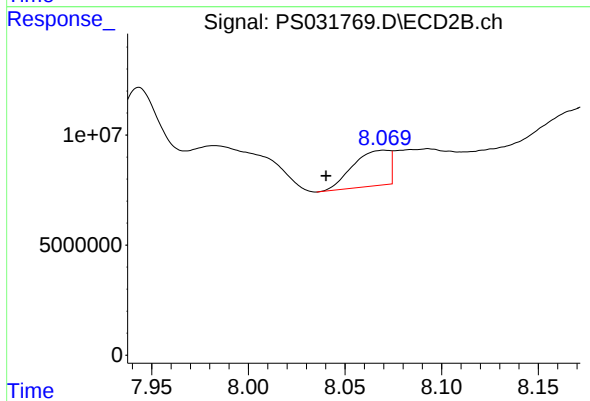
#5 DICAMBA

R.T.: 7.943 min
Delta R.T.: 0.004 min
Response: 66019946
Conc: 10.15 ng/ml m



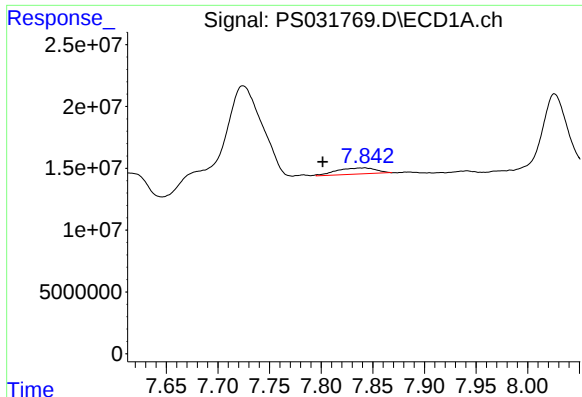
#6 MCP

R.T.: 7.690 min
Delta R.T.: 0.039 min
Response: 26878912
Conc: 3.01 ug/ml m



#6 MCP

R.T.: 8.069 min
Delta R.T.: 0.029 min
Response: 22122838
Conc: 11.75 ug/ml m



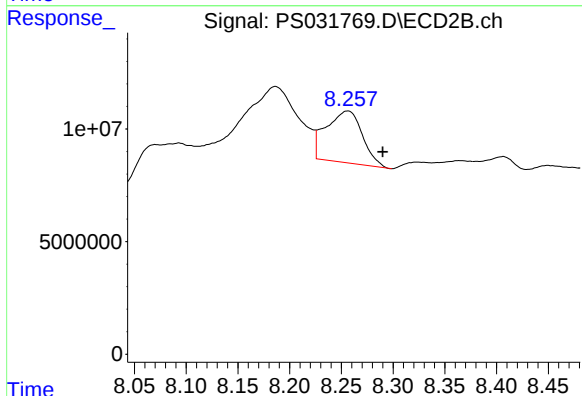
#7 MCPA

R.T.: 7.842 min
Delta R.T.: 0.041 min
Response: 12979972
Conc: 1.17 ug/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MSD

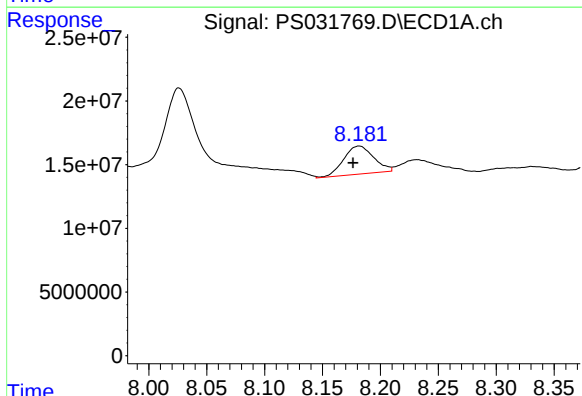
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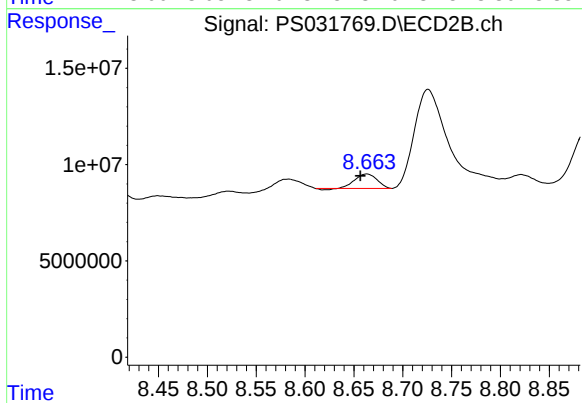
#7 MCPA

R.T.: 8.256 min
Delta R.T.: -0.034 min
Response: 55517766
Conc: 19.82 ug/ml



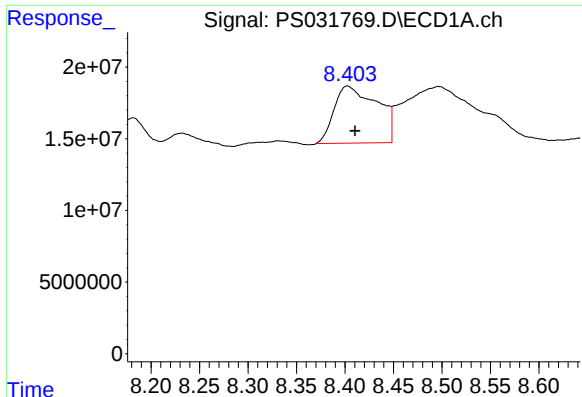
#8 DICHLORPROP

R.T.: 8.181 min
Delta R.T.: 0.005 min
Response: 40194095
Conc: 11.28 ng/ml m



#8 DICHLORPROP

R.T.: 8.663 min
Delta R.T.: 0.007 min
Response: 11483245
Conc: 7.89 ng/ml



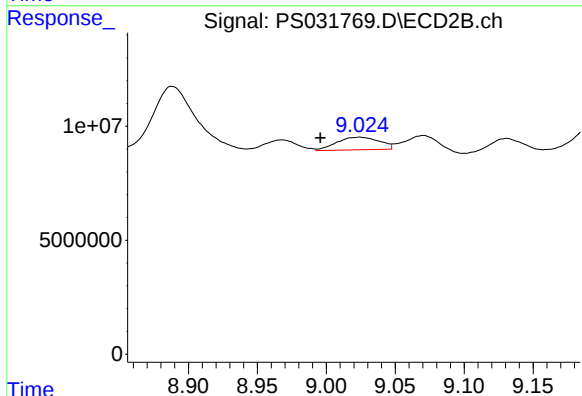
#9 2,4-D

R.T.: 8.403 min
Delta R.T.: -0.008 min
Response: 122933651
Conc: 35.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MSD

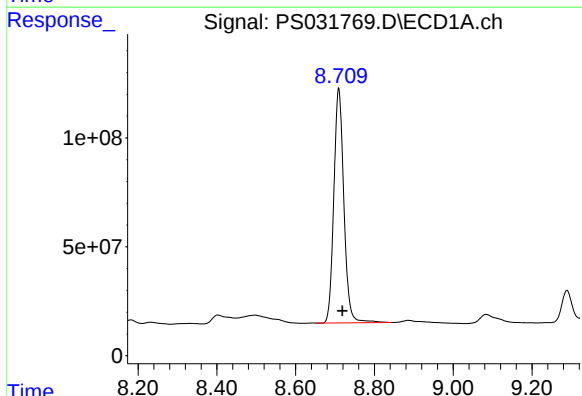
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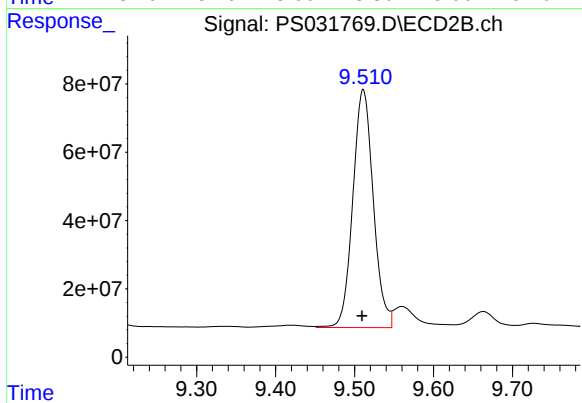
#9 2,4-D

R.T.: 9.024 min
Delta R.T.: 0.028 min
Response: 11990307
Conc: 7.29 ng/ml m



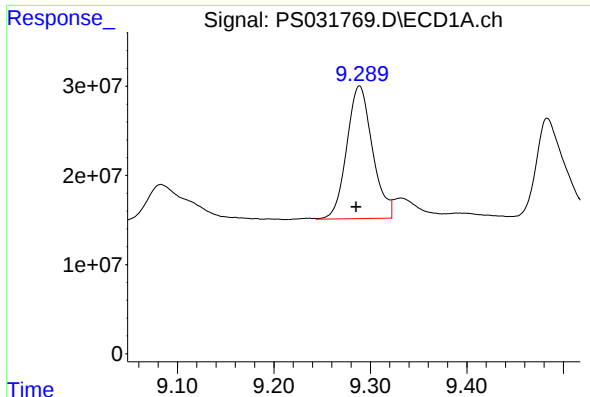
#10 Pentachlorophenol

R.T.: 8.709 min
Delta R.T.: -0.009 min
Response: 1906483628
Conc: 35.91 ng/ml



#10 Pentachlorophenol

R.T.: 9.511 min
Delta R.T.: 0.001 min
Response: 1256998760
Conc: 31.67 ng/ml



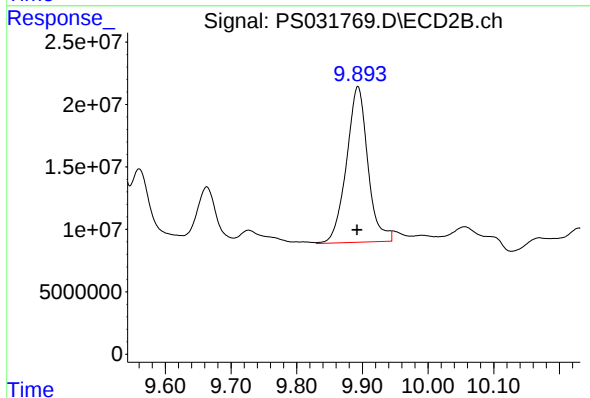
#11 2,4,5-TP (SILVEX)

R.T.: 9.289 min
Delta R.T.: 0.004 min
Response: 274812836
Conc: 13.10 ng/ml

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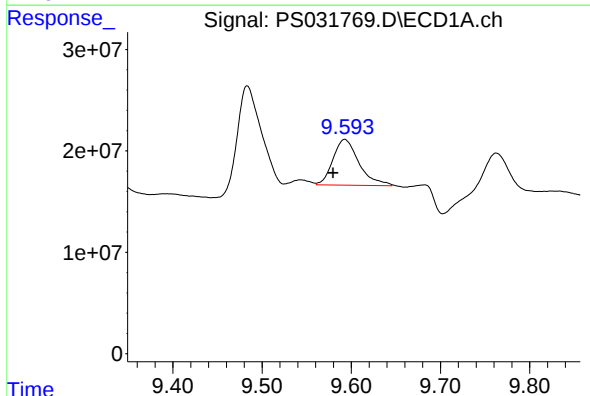
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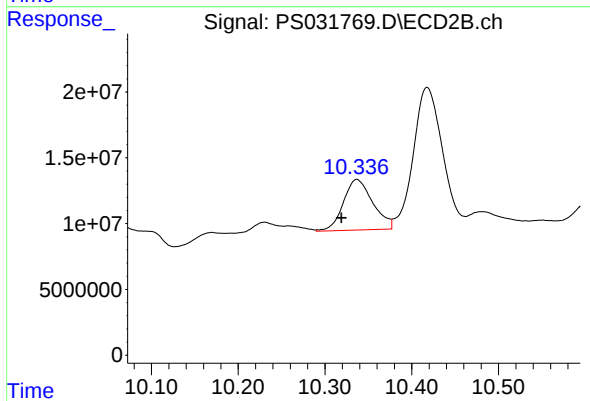
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: 0.000 min
Response: 282060548
Conc: 18.74 ng/ml m



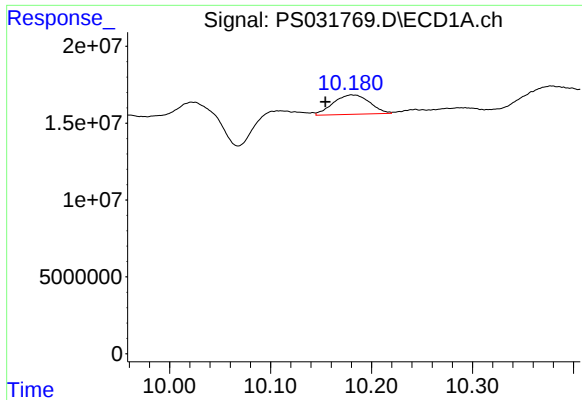
#12 2,4,5-T

R.T.: 9.593 min
Delta R.T.: 0.013 min
Response: 91488826
Conc: 5.00 ng/ml m



#12 2,4,5-T

R.T.: 10.336 min
Delta R.T.: 0.017 min
Response: 91275183
Conc: 6.78 ng/ml m



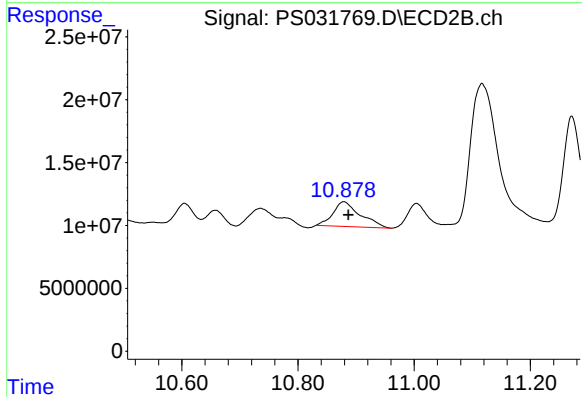
#13 2,4-DB

R.T.: 10.180 min
Delta R.T.: 0.025 min
Response: 31617769
Conc: 13.55 ng/ml

Instrument :
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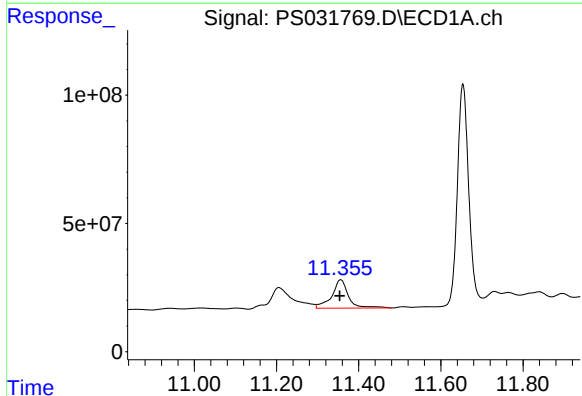
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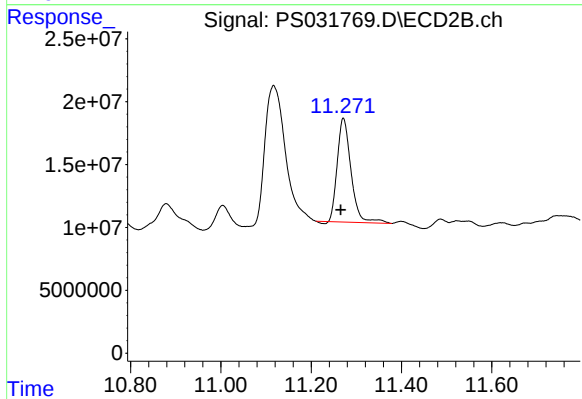
#13 2,4-DB

R.T.: 10.879 min
Delta R.T.: -0.008 min
Response: 64038676
Conc: 59.85 ng/ml



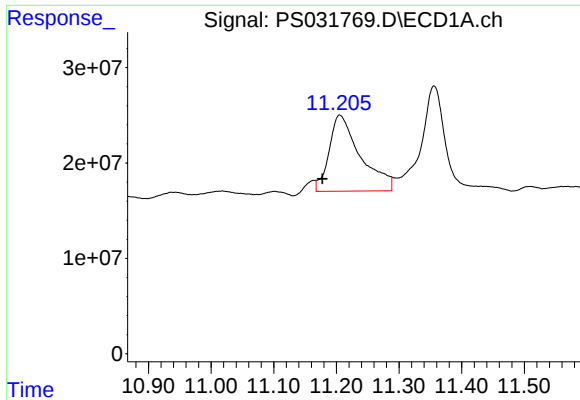
#14 DINOSEB

R.T.: 11.356 min
Delta R.T.: 0.002 min
Response: 313710063
Conc: 21.75 ng/ml



#14 DINOSEB

R.T.: 11.271 min
Delta R.T.: 0.006 min
Response: 174067227
Conc: 17.91 ng/ml



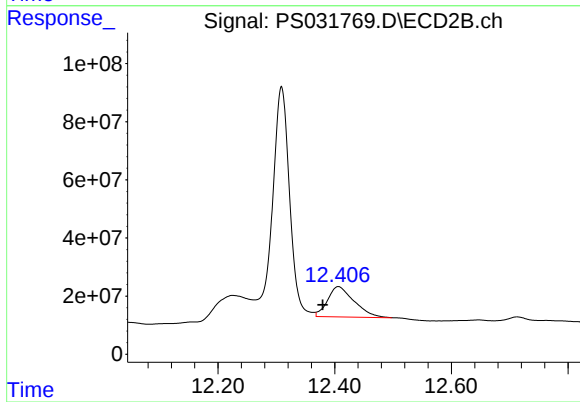
#15 Picloram

R.T.: 11.205 min
Delta R.T.: 0.027 min
Response: 275880110
Conc: 15.32 ng/ml

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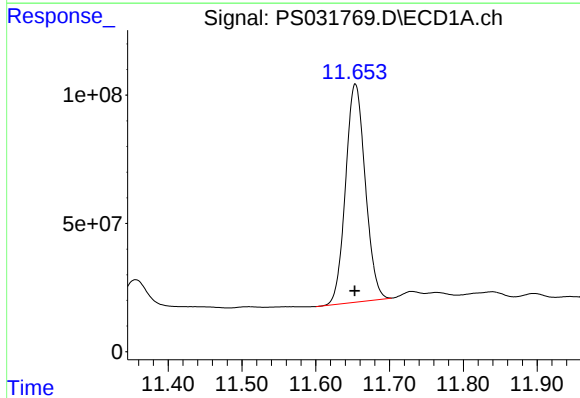
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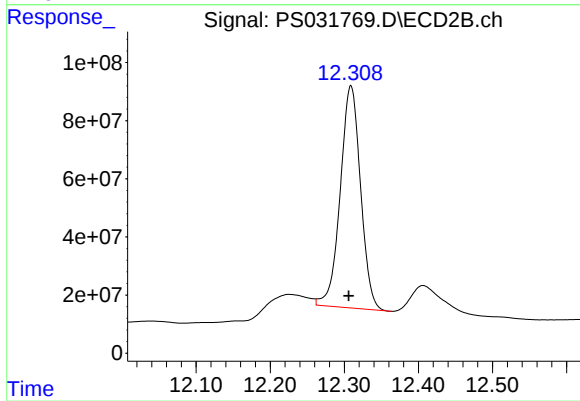
#15 Picloram

R.T.: 12.406 min
Delta R.T.: 0.026 min
Response: 329569740
Conc: 13.92 ng/ml m



#16 DCPA

R.T.: 11.654 min
Delta R.T.: 0.000 min
Response: 1575112679
Conc: 58.45 ng/ml



#16 DCPA

R.T.: 12.309 min
Delta R.T.: 0.003 min
Response: 1457839165
Conc: 60.48 ng/ml