

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090325\
 Data File : PS031601.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Sep 2025 14:36
 Operator : AR\AJ
 Sample : Q2995-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 RT5427MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/04/2025
 Supervised By : mohammad ahmed 09/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 04 02:24:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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	7.275	7.740	1068.6E6	44705628	336.676	52.885 #
Target Compounds							
1) T	Dalapon	2.646f	2.666f	961.5E6	988.1E6	183.174	371.311 #
2) T	3,5-DICHL...	6.454	6.698	130.2E6	24665134	27.601	18.244 #
5) T	DICAMBA	7.468	7.937	659.2E6	336.7E6	47.198	59.255 #
8) T	DICHLORPROP	8.178	8.657	150.7E6	33608678	47.518	25.174m#
9) T	2,4-D	8.412	9.024	236.8E6	586.8E6	82.330m	411.135m#
10) T	Pentachlo...	8.708	9.507	489.8E6	360.9E6	10.201	10.363
11) T	2,4,5-TP ...	9.285	9.912	1018.9E6	10020.2E6	56.846	763.966 #
12) T	2,4,5-T	9.581	10.320	1399.2E6	736.2E6	95.504m	62.179m#
13) T	2,4-DB	10.157	10.885	41346504	13209192	21.515m	13.690m#
14) T	DINOSEB	11.318f	11.278	80757205	89936838	6.370m	9.510 #
15) T	Picloram	11.181	12.385	1026.5E6	871.3E6	78.633m	49.704 #
16) T	DCPA	11.654	12.306	2742.9E6	2403.8E6	120.411m	122.018m

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

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Data File : PS031601.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Sep 2025 14:36
Operator : AR\AJ
Sample : Q2995-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

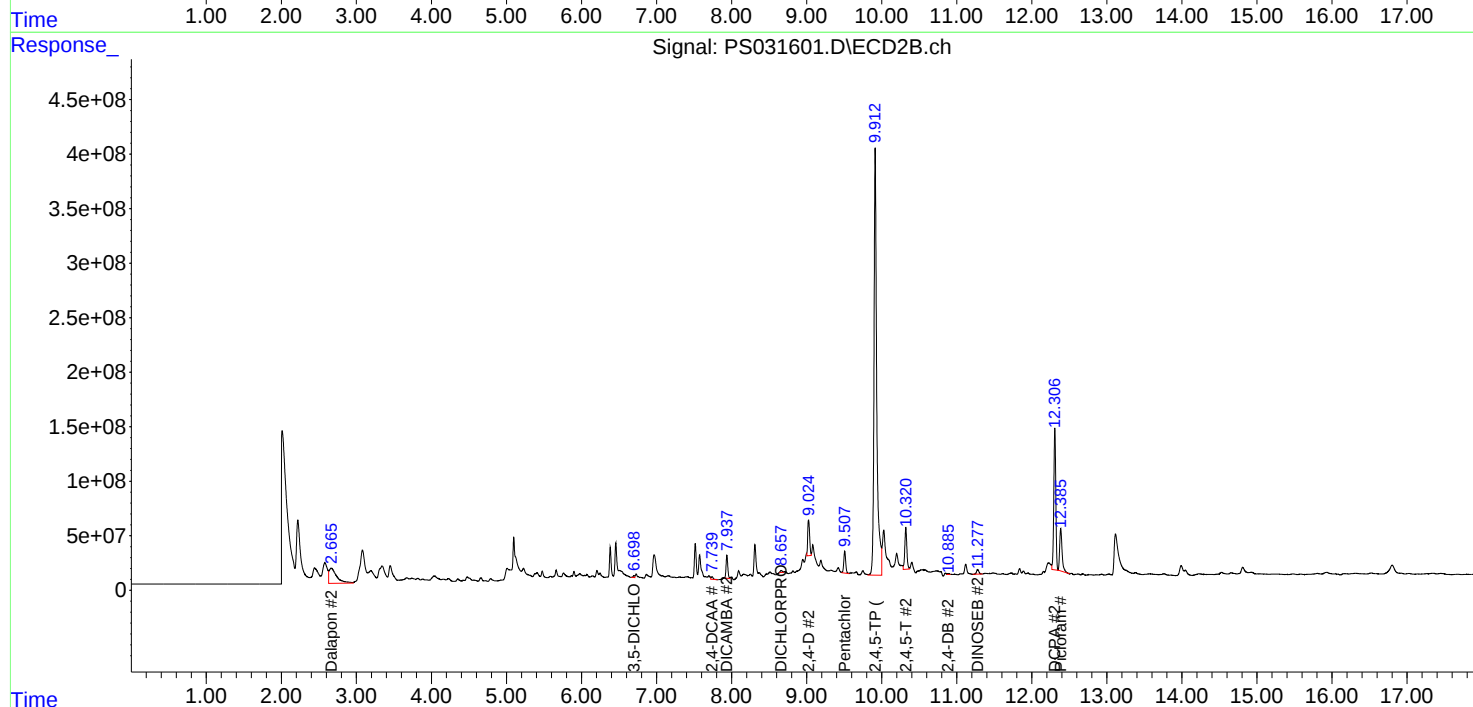
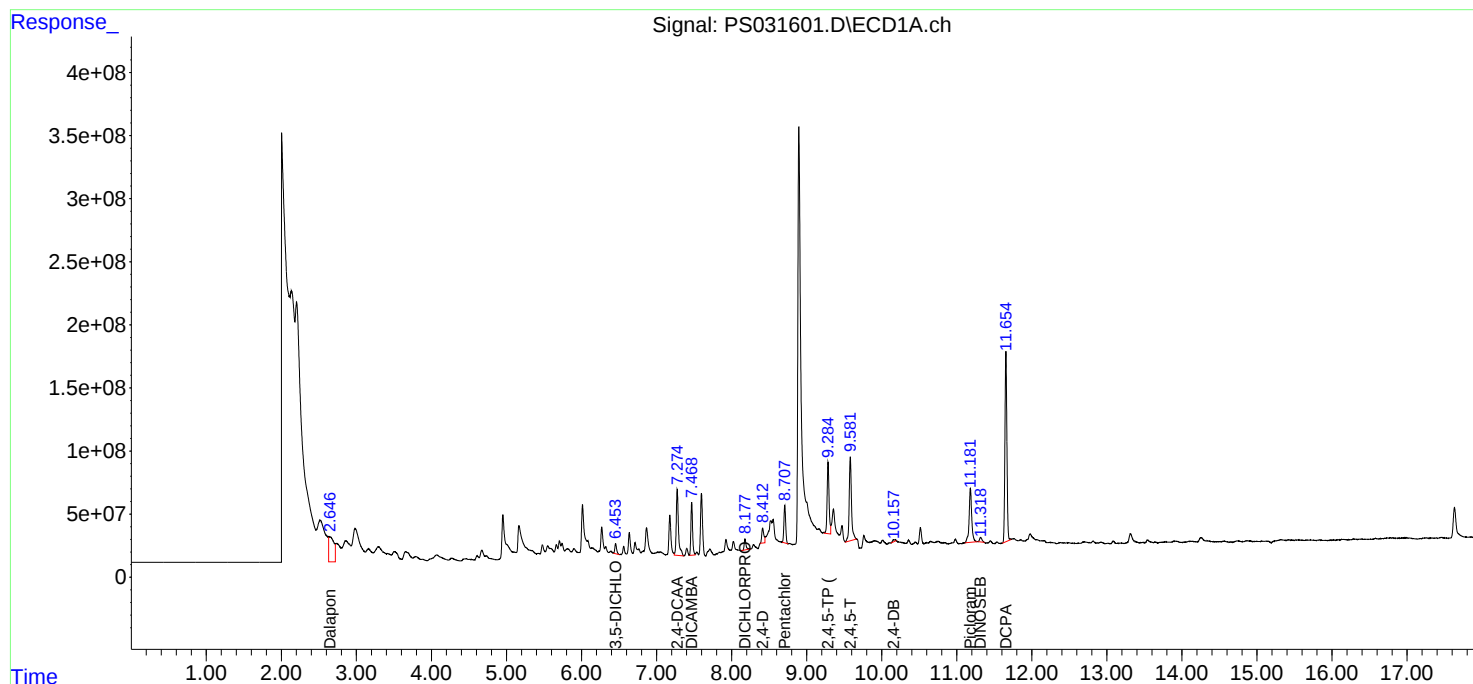
Instrument :
ECD_S
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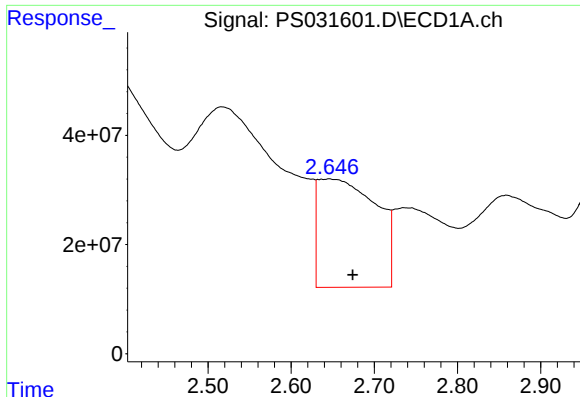
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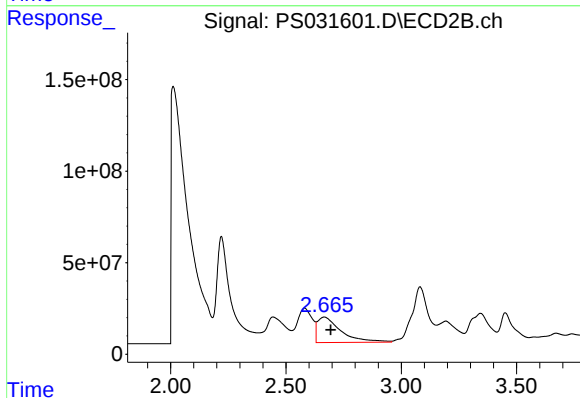
#1 Dalapon

R.T.: 2.646 min
Delta R.T.: -0.028 min
Response: 961467327
Conc: 183.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
RT5427MSD

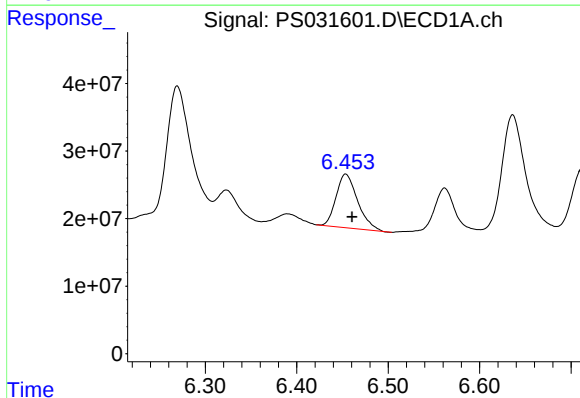
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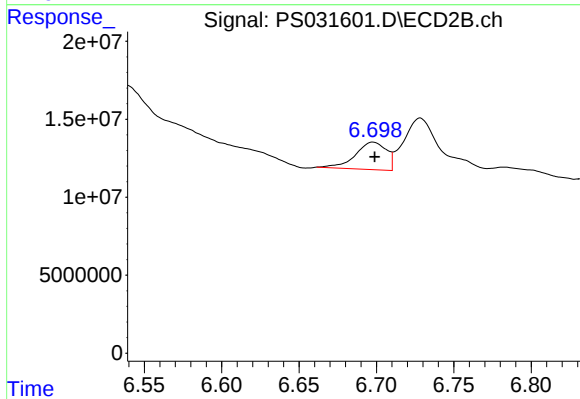
#1 Dalapon

R.T.: 2.666 min
Delta R.T.: -0.029 min
Response: 988062707
Conc: 371.31 ng/ml



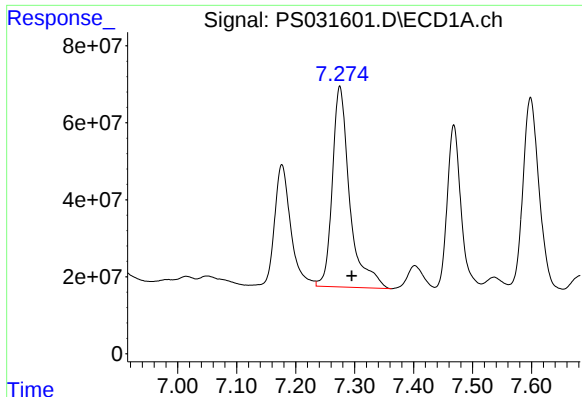
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: -0.007 min
Response: 130232485
Conc: 27.60 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.698 min
Delta R.T.: -0.001 min
Response: 24665134
Conc: 18.24 ng/ml



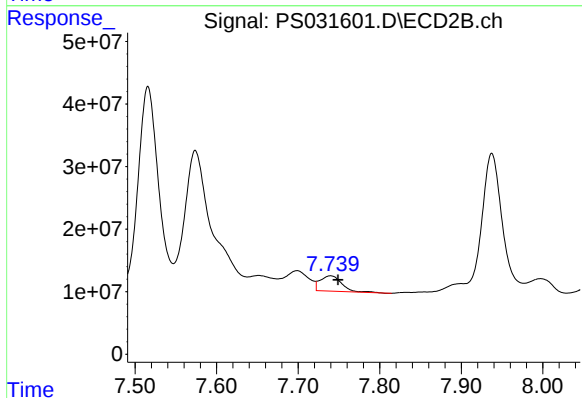
#4 2,4-DCAA

R.T.: 7.275 min
Delta R.T.: -0.020 min
Response: 1068604221
Conc: 336.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
RT5427MSD

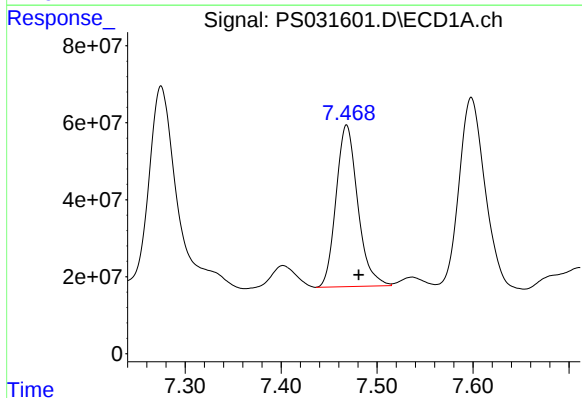
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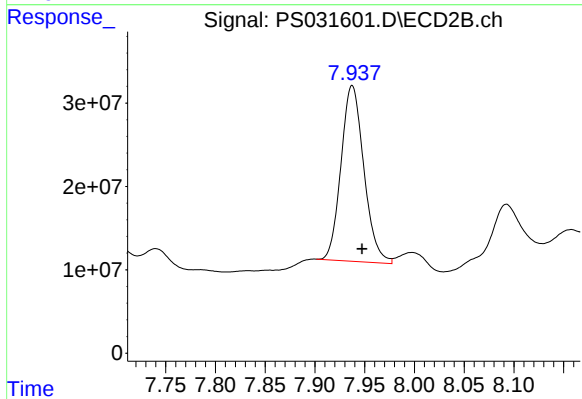
#4 2,4-DCAA

R.T.: 7.740 min
Delta R.T.: -0.009 min
Response: 44705628
Conc: 52.88 ng/ml



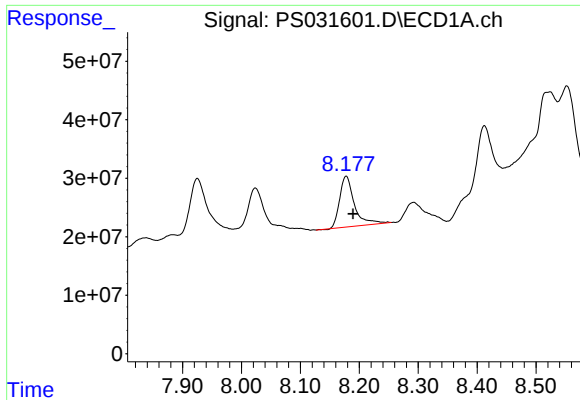
#5 DICAMBA

R.T.: 7.468 min
Delta R.T.: -0.013 min
Response: 659183823
Conc: 47.20 ng/ml



#5 DICAMBA

R.T.: 7.937 min
Delta R.T.: -0.010 min
Response: 336726413
Conc: 59.25 ng/ml



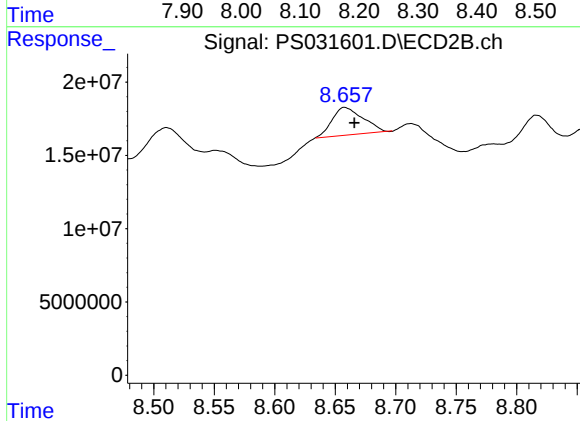
#8 DICHLORPROP

R.T.: 8.178 min
Delta R.T.: -0.012 min
Response: 150749032
Conc: 47.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
RT5427MSD

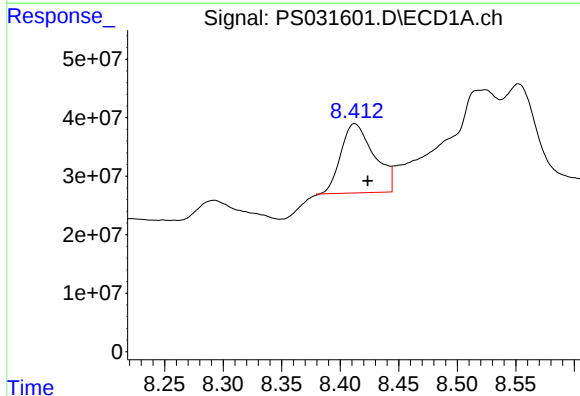
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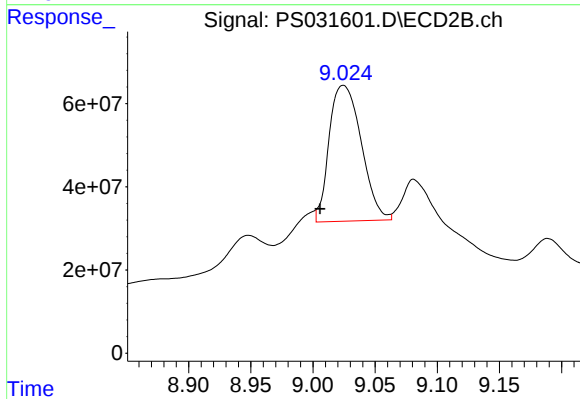
#8 DICHLORPROP

R.T.: 8.657 min
Delta R.T.: -0.009 min
Response: 33608678
Conc: 25.17 ng/ml m



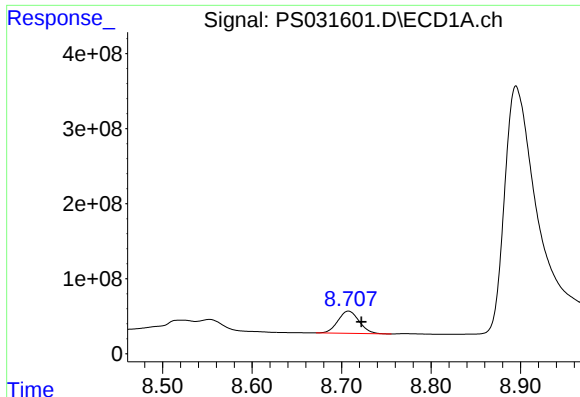
#9 2,4-D

R.T.: 8.412 min
Delta R.T.: -0.012 min
Response: 236848694
Conc: 82.33 ng/ml m



#9 2,4-D

R.T.: 9.024 min
Delta R.T.: 0.018 min
Response: 586807761
Conc: 411.14 ng/ml m



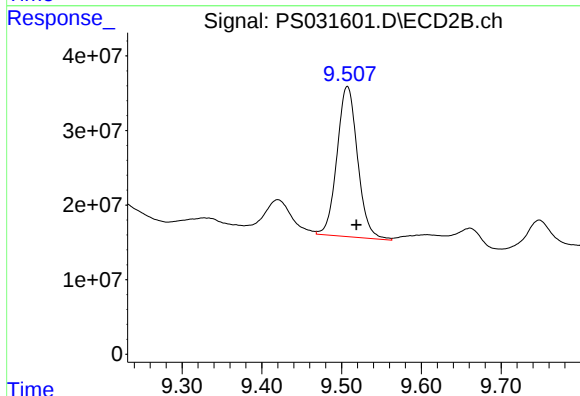
#10 Pentachlorophenol

R.T.: 8.708 min
Delta R.T.: -0.014 min
Response: 489785481
Conc: 10.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
RT5427MSD

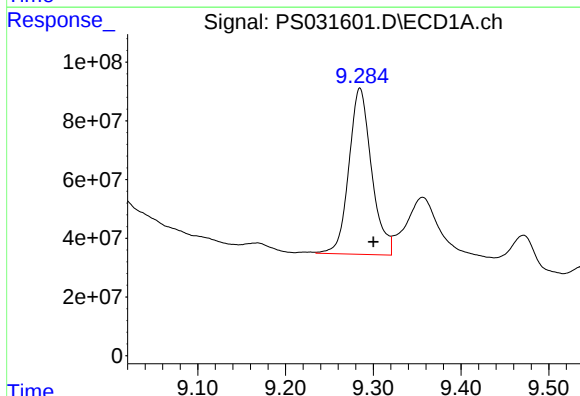
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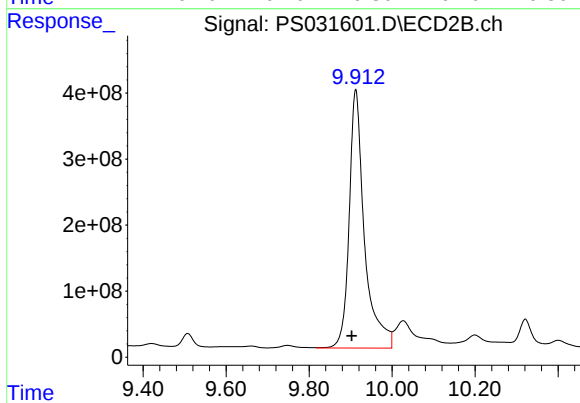
#10 Pentachlorophenol

R.T.: 9.507 min
Delta R.T.: -0.011 min
Response: 360920675
Conc: 10.36 ng/ml



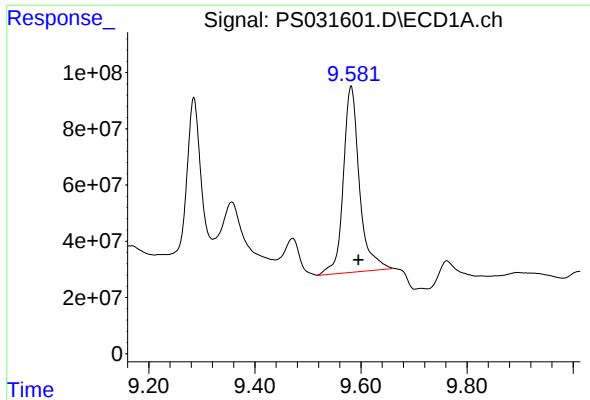
#11 2,4,5-TP (SILVEX)

R.T.: 9.285 min
Delta R.T.: -0.015 min
Response: 1018883397
Conc: 56.85 ng/ml



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

R.T.: 9.912 min
Delta R.T.: 0.009 min
Response: 10020190534
Conc: 763.97 ng/ml



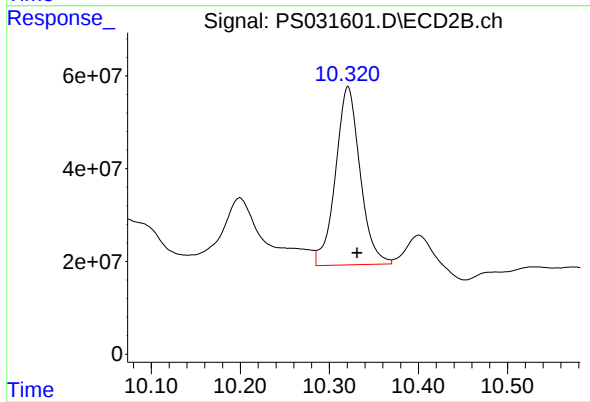
#12 2,4,5-T

R.T.: 9.581 min
Delta R.T.: -0.014 min
Response: 1399243963
Conc: 95.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
RT5427MSD

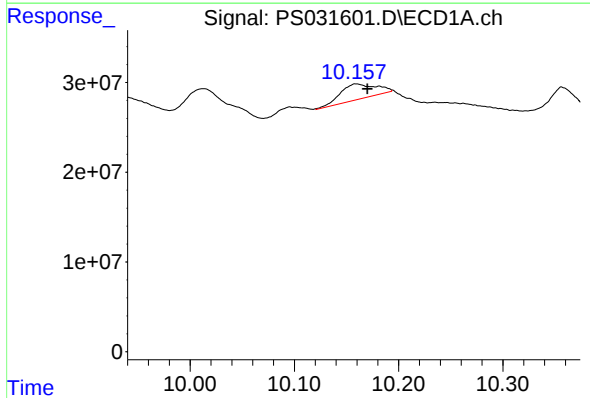
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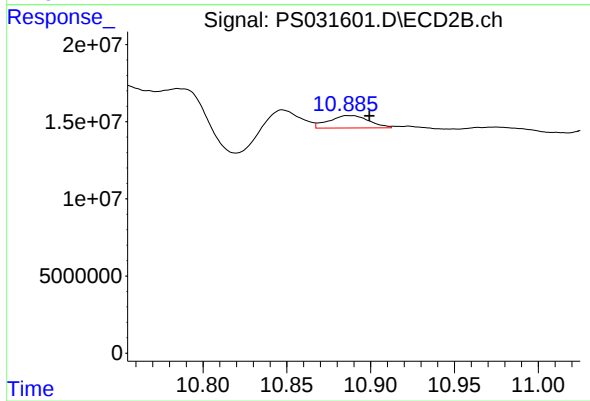
#12 2,4,5-T

R.T.: 10.320 min
Delta R.T.: -0.011 min
Response: 736189369
Conc: 62.18 ng/ml m



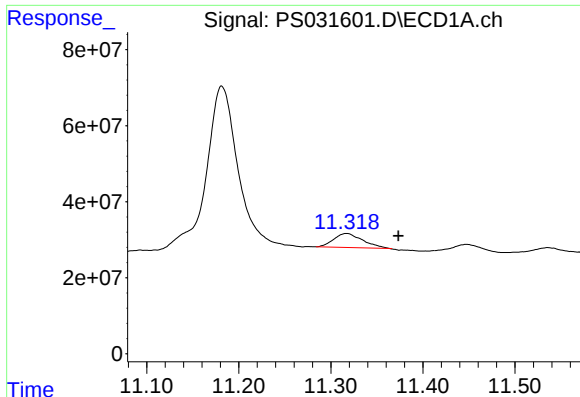
#13 2,4-DB

R.T.: 10.157 min
Delta R.T.: -0.013 min
Response: 41346504
Conc: 21.52 ng/ml m



#13 2,4-DB

R.T.: 10.885 min
Delta R.T.: -0.014 min
Response: 13209192
Conc: 13.69 ng/ml m



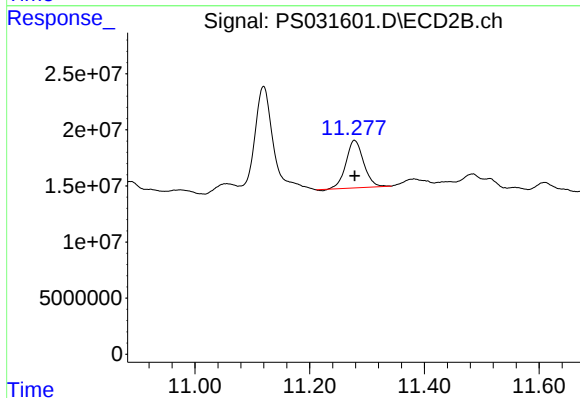
#14 DINOSEB

R.T.: 11.318 min
Delta R.T.: -0.056 min
Response: 80757205
Conc: 6.37 ng/ml

Instrument :
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ClientSampleId :
RT5427MSD

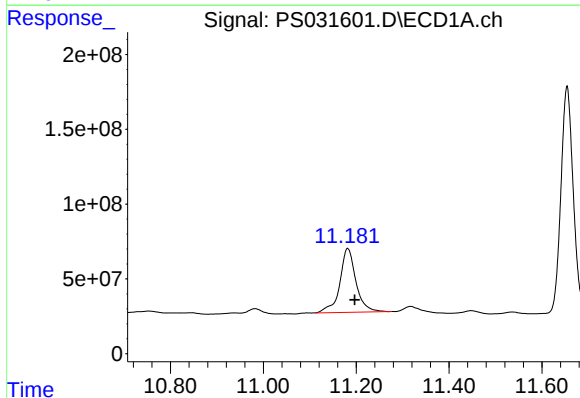
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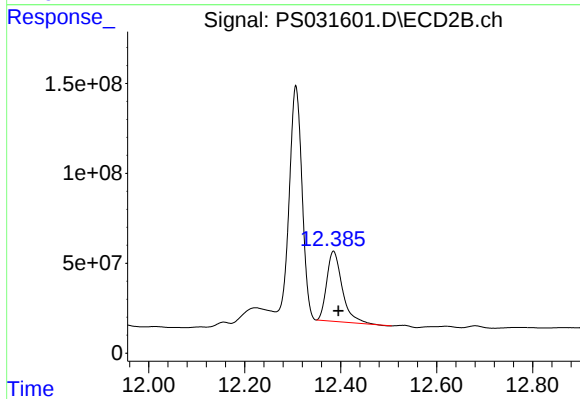
#14 DINOSEB

R.T.: 11.278 min
Delta R.T.: 0.000 min
Response: 89936838
Conc: 9.51 ng/ml



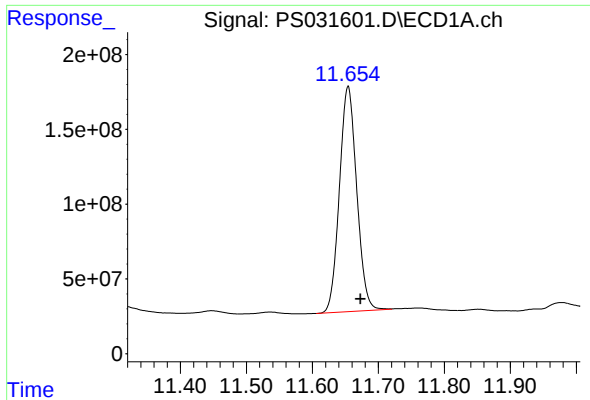
#15 Picloram

R.T.: 11.181 min
Delta R.T.: -0.016 min
Response: 1026486655
Conc: 78.63 ng/ml m



#15 Picloram

R.T.: 12.385 min
Delta R.T.: -0.011 min
Response: 871298296
Conc: 49.70 ng/ml



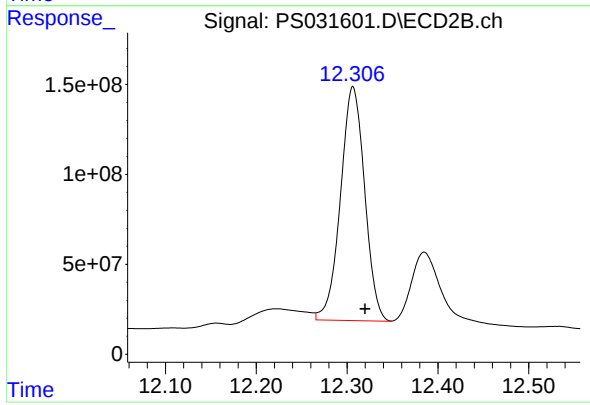
#16 DCPA

R.T.: 11.654 min
Delta R.T.: -0.019 min
Response: 2742888046
Conc: 120.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
RT5427MSD

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#16 DCPA

R.T.: 12.306 min
Delta R.T.: -0.014 min
Response: 2403797384
Conc: 122.02 ng/ml m