

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS082525\
 Data File : PS031533.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Aug 2025 17:49
 Operator : AR\AJ
 Sample : Q2932-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 ARS20-0002-SOILMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/26/2025
 Supervised By :mohammad ahmed 08/27/2025

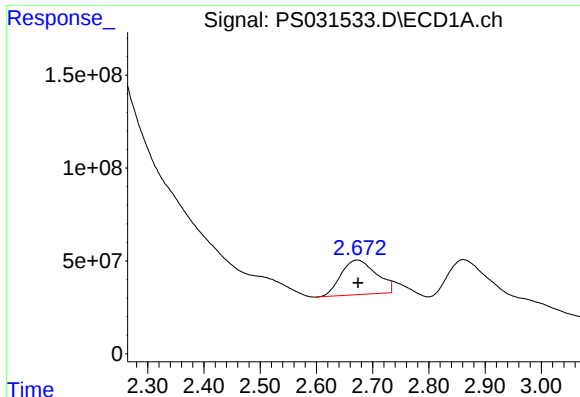
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 26 03:02:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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	7.286	7.742	210.4E6	66411883	66.294m	78.562m
Target Compounds							
1) T	Dalapon	2.672	2.691	816.5E6	586.6E6	155.560m	220.428m#
2) T	3,5-DICHL...	6.455	6.697	180.9E6	70148951	38.330	51.888m#
3) T	4-Nitroph...	7.093	7.295	186.0E6	293.1E6	180.284m	233.156m#
5) T	DICAMBA	7.472	7.941	986.6E6	449.1E6	70.639m	79.031
6) T	MCPD	7.653	8.053	28861335	72182224	3.588	40.831m#
7) T	MCPA	7.798	8.269	65674213	161.8E6	6.593	57.681m#
8) T	DICHLORPROP	8.183	8.655	122.7E6	31313611	38.675	23.455 #
9) T	2,4-D	8.399	8.999	656.3E6	104.8E6	228.118	73.418m#
10) T	Pentachlo...	8.712	9.510	2165.7E6	1384.4E6	45.108m	39.749m
11) T	2,4,5-TP ...	9.290	9.892	447.8E6	386.4E6	24.983	29.457
12) T	2,4,5-T	9.587	10.323	388.9E6	406.4E6	26.544	34.323 #
13) T	2,4-DB	10.164	10.877	59464619	181.4E6	30.943m	188.034m#
14) T	DINOSEB	11.365	11.281	48539383	137.3E6	3.828m	14.520m#
15) T	Picloram	11.186	12.387	1777.9E6	1972.8E6	136.196m	112.539
16) T	DCPA	11.658	12.310	7431.9E6	6595.7E6	326.254m	334.800m

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



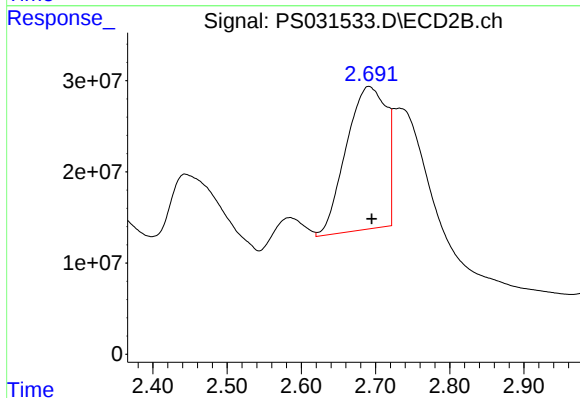
#1 Dalapon

R.T.: 2.672 min
Delta R.T.: -0.002 min
Response: 816524690
Conc: 155.56 ng/ml

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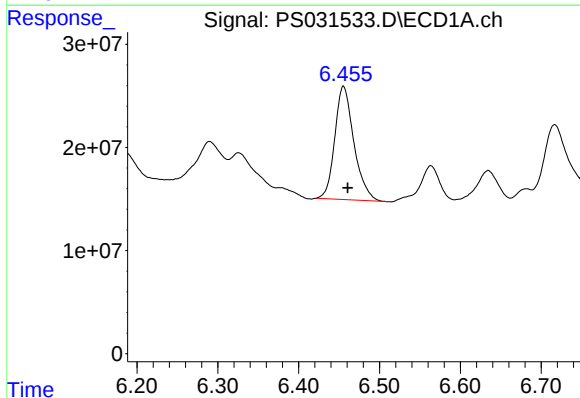
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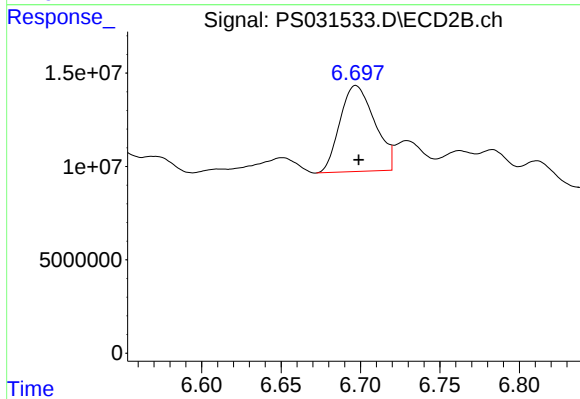
#1 Dalapon

R.T.: 2.691 min
Delta R.T.: -0.004 min
Response: 586561578
Conc: 220.43 ng/ml m



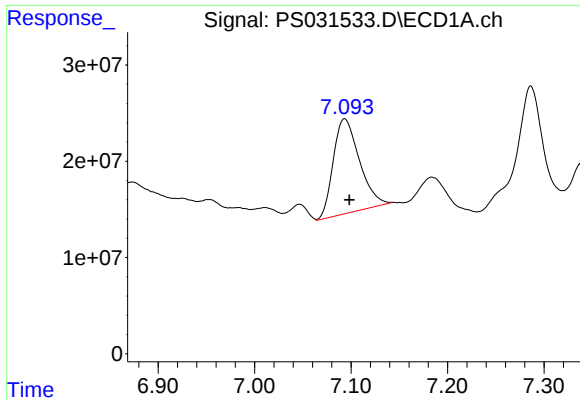
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.455 min
Delta R.T.: -0.005 min
Response: 180852848
Conc: 38.33 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.697 min
Delta R.T.: -0.002 min
Response: 70148951
Conc: 51.89 ng/ml m



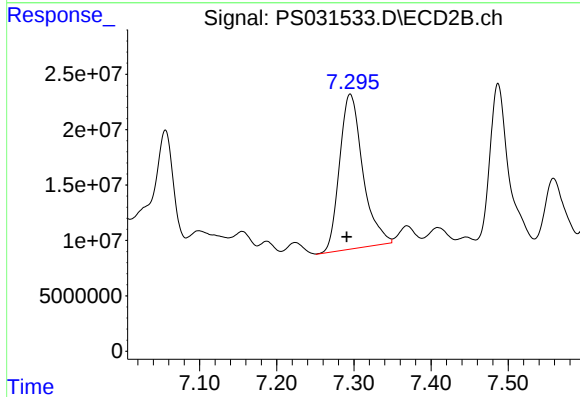
#3 4-Nitrophenol

R.T.: 7.093 min
Delta R.T.: -0.005 min
Response: 185995034
Conc: 180.28 ng/ml

Instrument :
ECD_S
ClientSampleId :
ARS20-0002-SOILMS

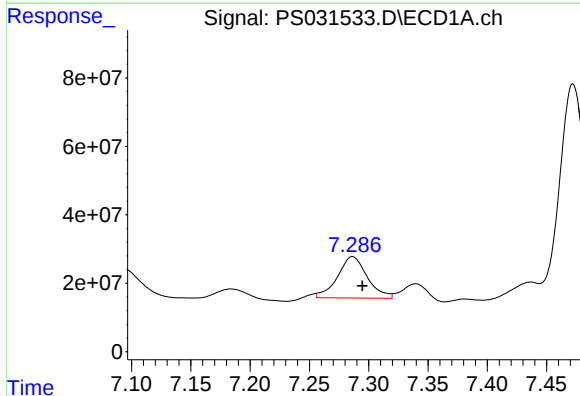
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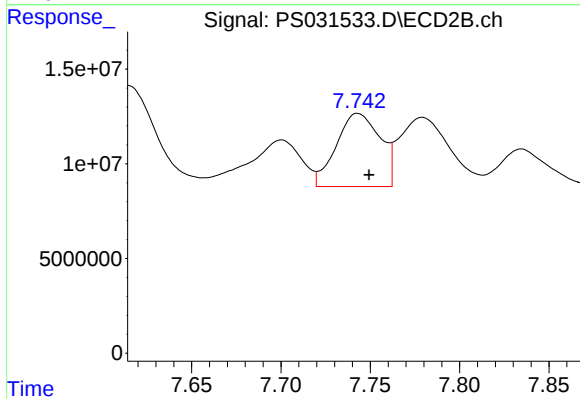
#3 4-Nitrophenol

R.T.: 7.295 min
Delta R.T.: 0.004 min
Response: 293051959
Conc: 233.16 ng/ml m



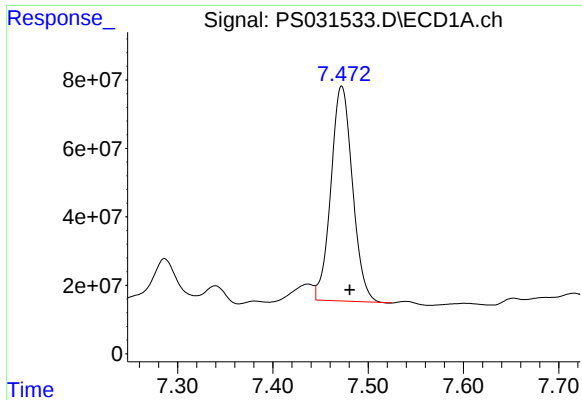
#4 2,4-DCAA

R.T.: 7.286 min
Delta R.T.: -0.009 min
Response: 210417417
Conc: 66.29 ng/ml m



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: -0.007 min
Response: 66411883
Conc: 78.56 ng/ml m



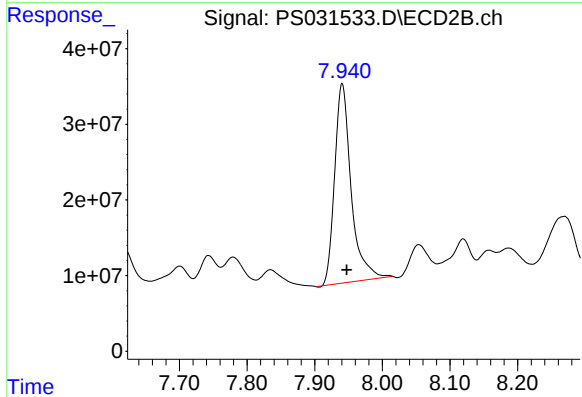
#5 DICAMBA

R.T.: 7.472 min
Delta R.T.: -0.009 min
Response: 986571716
Conc: 70.64 ng/ml

Instrument :
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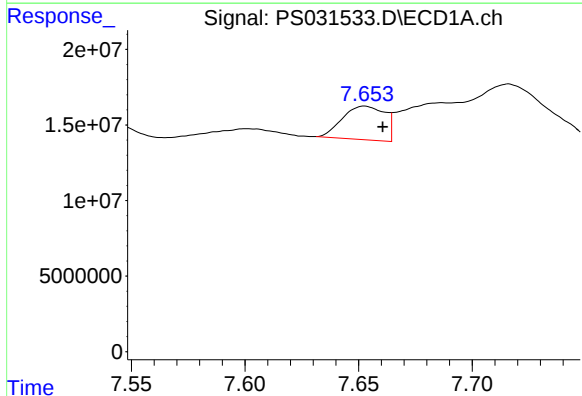
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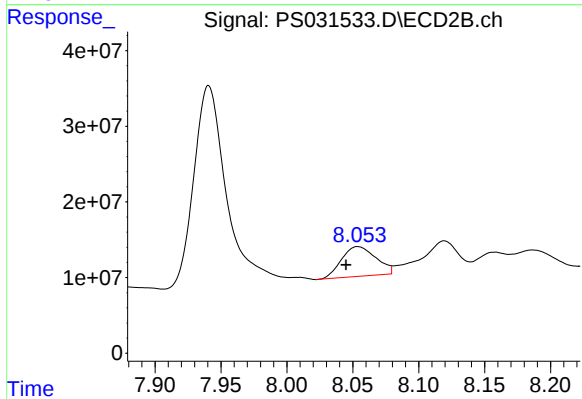
#5 DICAMBA

R.T.: 7.941 min
Delta R.T.: -0.007 min
Response: 449108372
Conc: 79.03 ng/ml



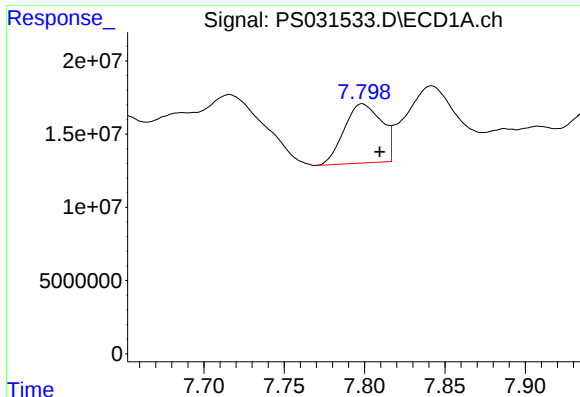
#6 MCP

R.T.: 7.653 min
Delta R.T.: -0.008 min
Response: 28861335
Conc: 3.59 ug/ml



#6 MCP

R.T.: 8.053 min
Delta R.T.: 0.008 min
Response: 72182224
Conc: 40.83 ug/ml m



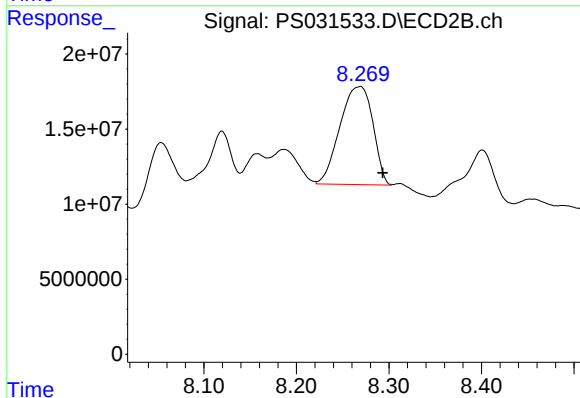
#7 MCPA

R.T.: 7.798 min
Delta R.T.: -0.011 min
Response: 65674213
Conc: 6.59 ug/ml

Instrument :
ECD_S
ClientSampleId :
ARS20-0002-SOILMS

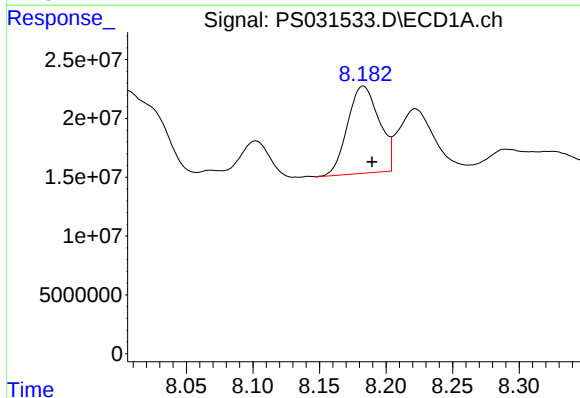
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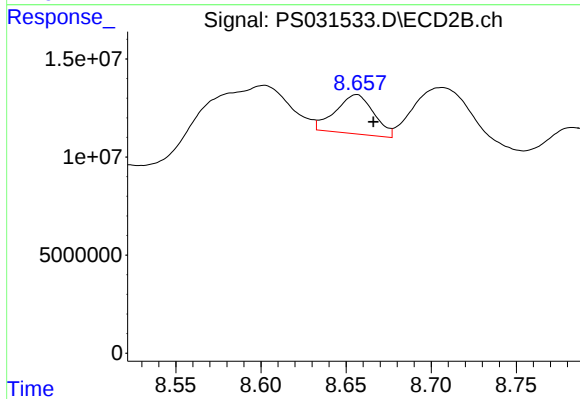
#7 MCPA

R.T.: 8.269 min
Delta R.T.: -0.024 min
Response: 161823342
Conc: 57.68 ug/ml m



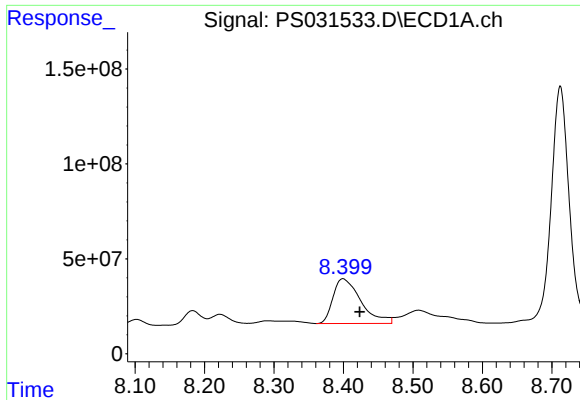
#8 DICHLORPROP

R.T.: 8.183 min
Delta R.T.: -0.007 min
Response: 122695154
Conc: 38.68 ng/ml



#8 DICHLORPROP

R.T.: 8.655 min
Delta R.T.: -0.011 min
Response: 31313611
Conc: 23.46 ng/ml



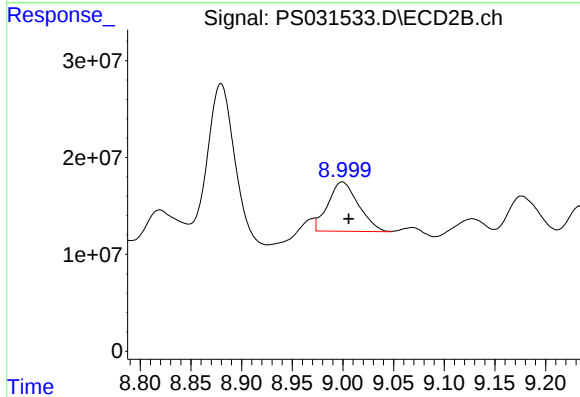
#9 2,4-D

R.T.: 8.399 min
Delta R.T.: -0.024 min
Response: 656252260
Conc: 228.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
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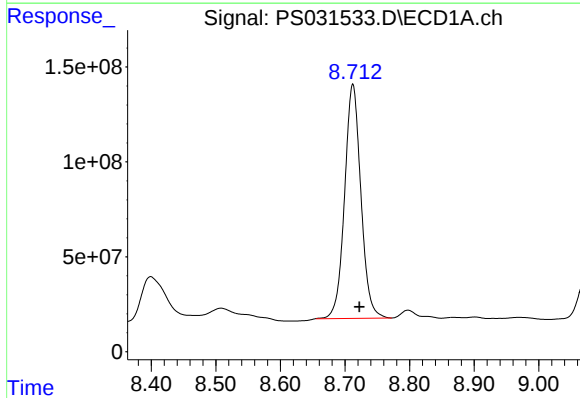
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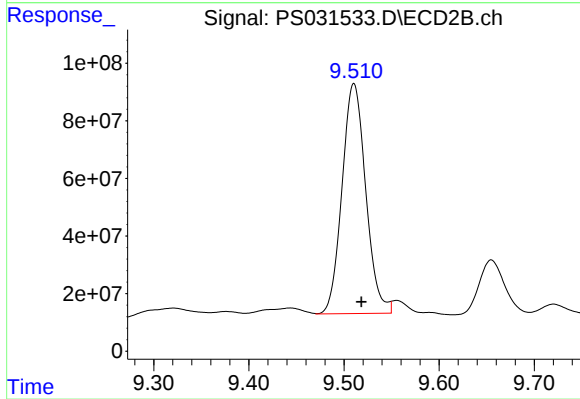
#9 2,4-D

R.T.: 8.999 min
Delta R.T.: -0.006 min
Response: 104788954
Conc: 73.42 ng/ml m



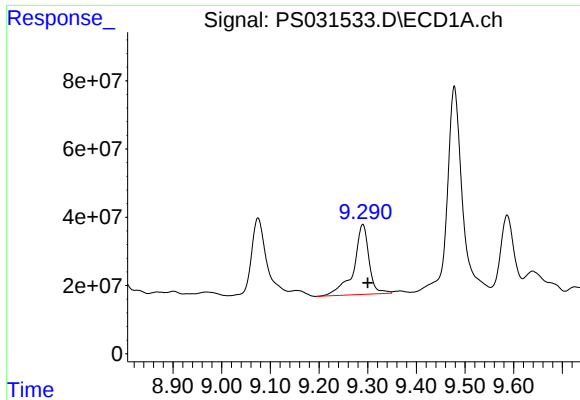
#10 Pentachlorophenol

R.T.: 8.712 min
Delta R.T.: -0.010 min
Response: 2165728274
Conc: 45.11 ng/ml m



#10 Pentachlorophenol

R.T.: 9.510 min
Delta R.T.: -0.008 min
Response: 1384391366
Conc: 39.75 ng/ml m



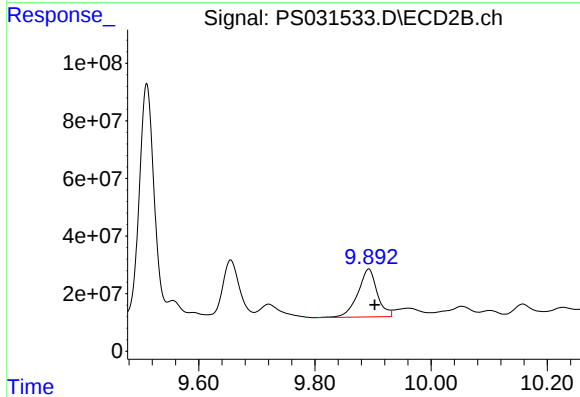
#11 2,4,5-TP (SILVEX)

R.T.: 9.290 min
Delta R.T.: -0.010 min
Response: 447787308
Conc: 24.98 ng/ml

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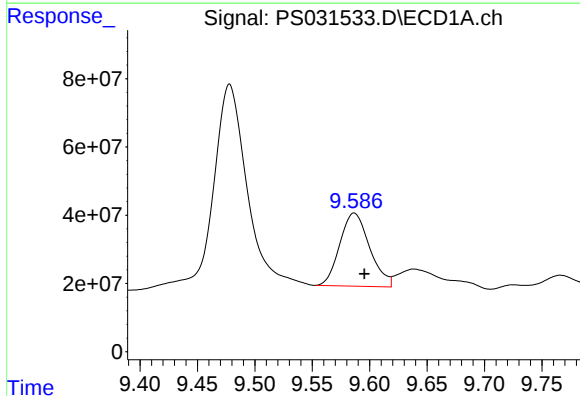
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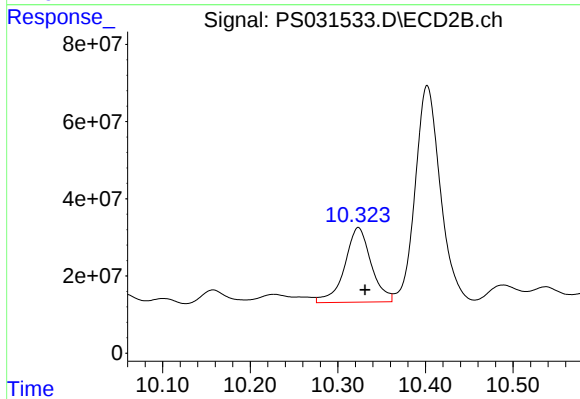
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: -0.011 min
Response: 386358070
Conc: 29.46 ng/ml



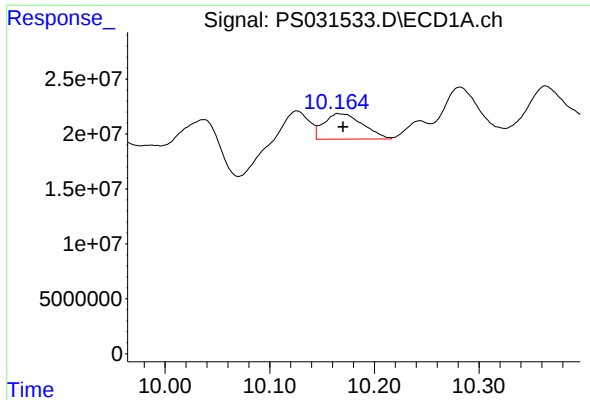
#12 2,4,5-T

R.T.: 9.587 min
Delta R.T.: -0.009 min
Response: 388906209
Conc: 26.54 ng/ml



#12 2,4,5-T

R.T.: 10.323 min
Delta R.T.: -0.008 min
Response: 406378127
Conc: 34.32 ng/ml



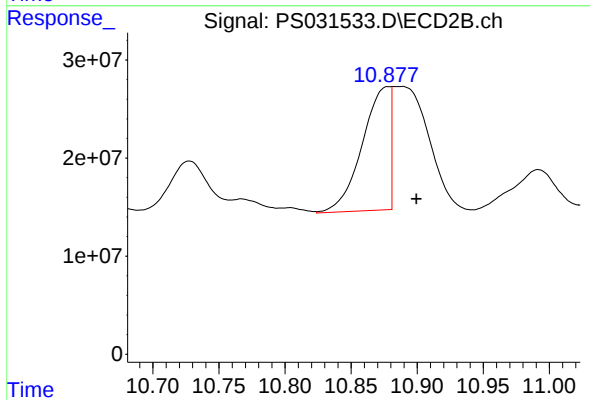
#13 2,4-DB

R.T.: 10.164 min
Delta R.T.: -0.006 min
Response: 59464619
Conc: 30.94 ng/ml

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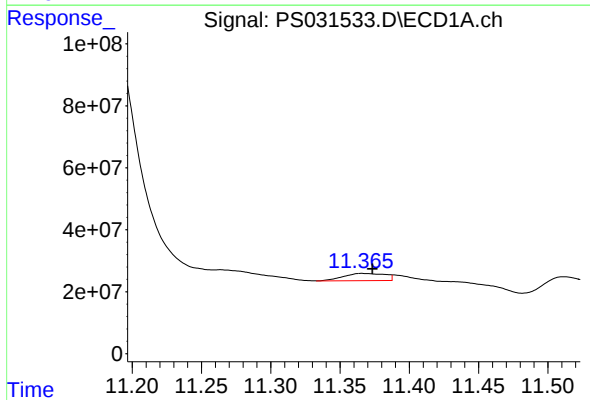
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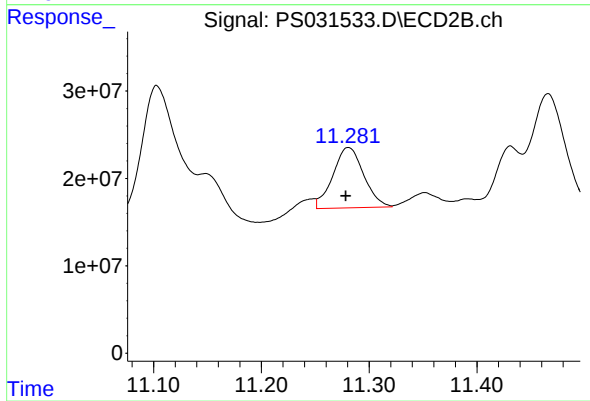
#13 2,4-DB

R.T.: 10.877 min
Delta R.T.: -0.023 min
Response: 181423406
Conc: 188.03 ng/ml m



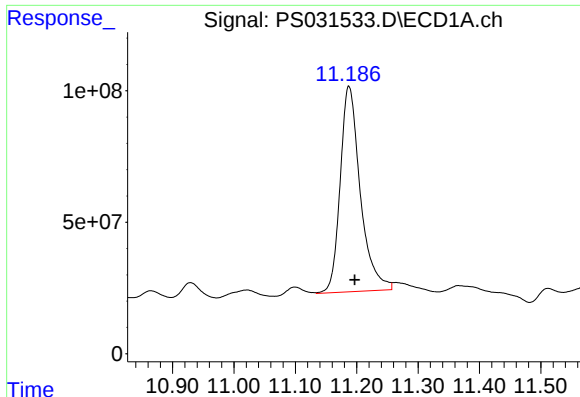
#14 DINOSEB

R.T.: 11.365 min
Delta R.T.: -0.008 min
Response: 48539383
Conc: 3.83 ng/ml m



#14 DINOSEB

R.T.: 11.281 min
Delta R.T.: 0.002 min
Response: 137316498
Conc: 14.52 ng/ml m



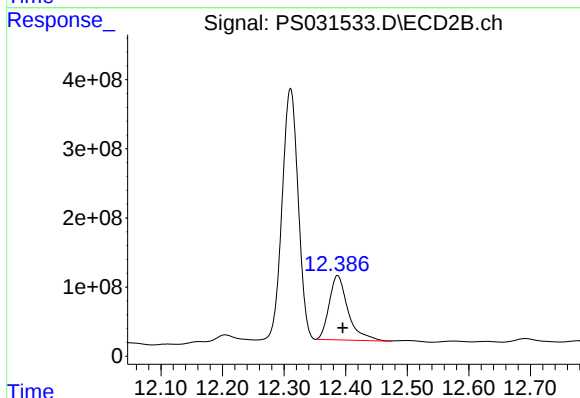
#15 Picloram

R.T.: 11.186 min
Delta R.T.: -0.011 min
Response: 1777926085
Conc: 136.20 ng/ml

Instrument :
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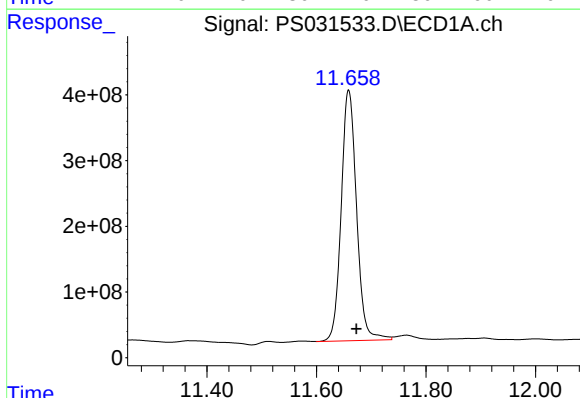
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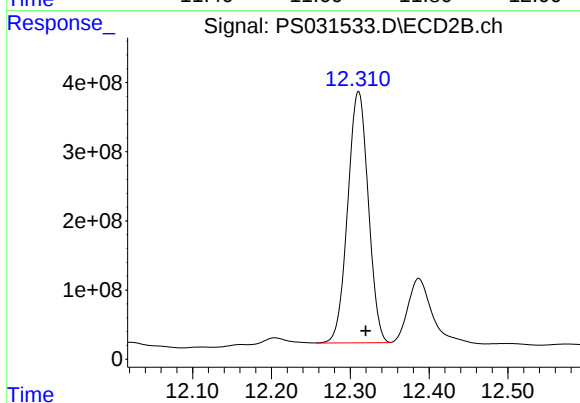
#15 Picloram

R.T.: 12.387 min
Delta R.T.: -0.008 min
Response: 1972771093
Conc: 112.54 ng/ml



#16 DCPA

R.T.: 11.658 min
Delta R.T.: -0.015 min
Response: 7431853142
Conc: 326.25 ng/ml m



#16 DCPA

R.T.: 12.310 min
Delta R.T.: -0.010 min
Response: 6595683510
Conc: 334.80 ng/ml m