

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS082525\
 Data File : PS031534.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Aug 2025 18:14
 Operator : AR\AJ
 Sample : Q2932-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 ARS20-0002-SOILMSD

Manual Integrations
 APPROVED

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

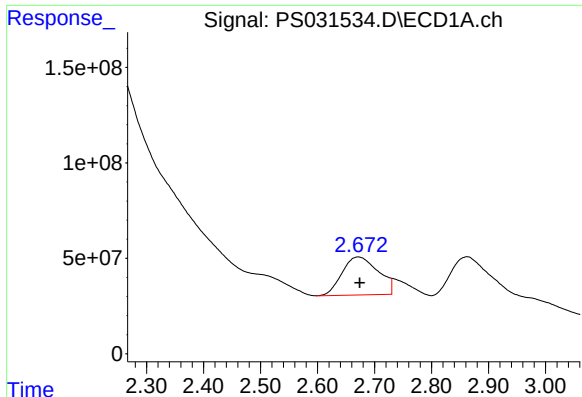
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 26 03:02:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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	7.743	203.1E6	76178574	63.998m	90.116m#
Target Compounds							
1) T	Dalapon	2.672	2.692	880.7E6	671.8E6	167.781m	252.447m#
2) T	3,5-DICHL...	6.456	6.697	178.8E6	71334519	37.901	52.765m#
3) T	4-Nitroph...	7.093	7.295	206.0E6	303.1E6	199.642m	241.157m
5) T	DICAMBA	7.472	7.941	975.9E6	431.7E6	69.875m	75.960
6) T	MCPD	7.652	8.054	26527352	53464573	3.297	30.243 #
7) T	MCPA	7.799	8.268f	65058347	156.3E6	6.531	55.697m#
8) T	DICHLORPROP	8.183	8.656	116.3E6	30288542	36.673	22.687 #
9) T	2,4-D	8.401	9.000	629.2E6	97436290	218.700	68.267m#
10) T	Pentachlo...	8.712	9.511	2170.6E6	1415.9E6	45.210m	40.653m
11) T	2,4,5-TP ...	9.290	9.892	339.8E6	384.0E6	18.960m	29.276 #
12) T	2,4,5-T	9.588	10.324	383.5E6	416.3E6	26.173	35.158 #
13) T	2,4-DB	10.166	10.883	52554986	210.4E6	27.348m	218.048m#
14) T	DINOSEB	11.372	11.280	39615462	127.2E6	3.125m	13.454m#
15) T	Picloram	11.187	12.388	1657.3E6	1938.8E6	126.955m	110.599
16) T	DCPA	11.659	12.311	7388.3E6	6634.8E6	324.345m	336.785m

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



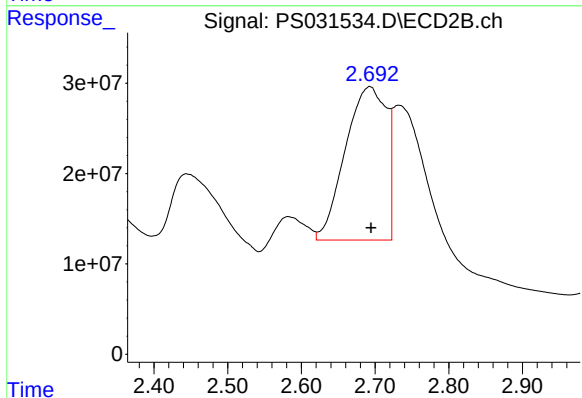
#1 Dalapon

R.T.: 2.672 min
Delta R.T.: -0.002 min
Response: 880669209
Conc: 167.78 ng/ml

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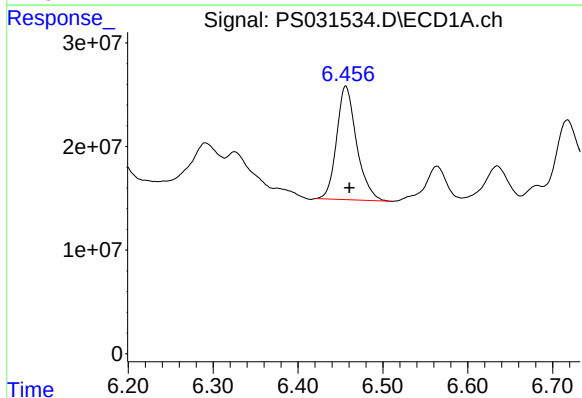
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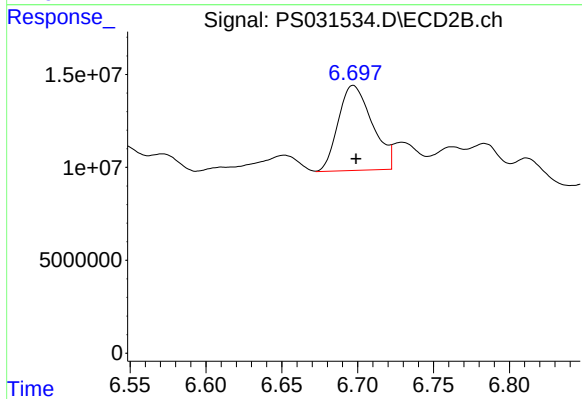
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: -0.002 min
Response: 671763226
Conc: 252.45 ng/ml m



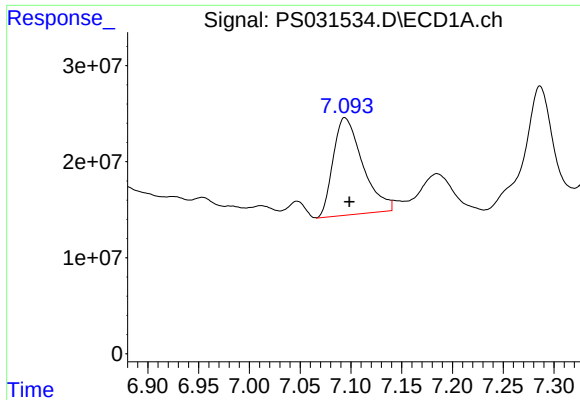
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.456 min
Delta R.T.: -0.004 min
Response: 178828963
Conc: 37.90 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.697 min
Delta R.T.: -0.002 min
Response: 71334519
Conc: 52.76 ng/ml m



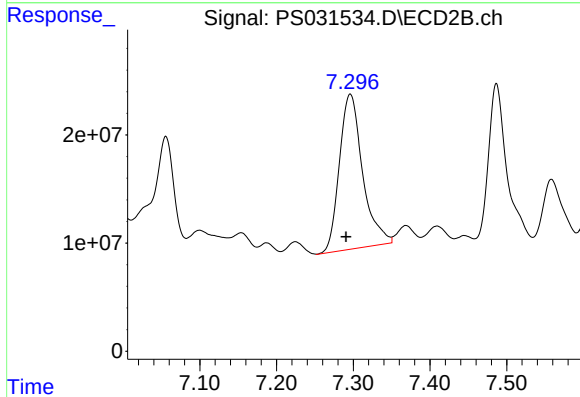
#3 4-Nitrophenol

R.T.: 7.093 min
Delta R.T.: -0.005 min
Response: 205966500
Conc: 199.64 ng/ml

Instrument :
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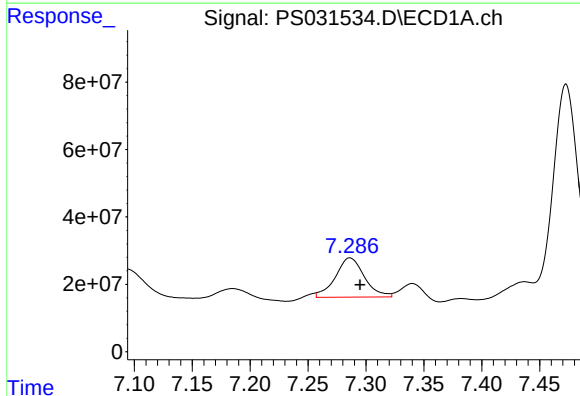
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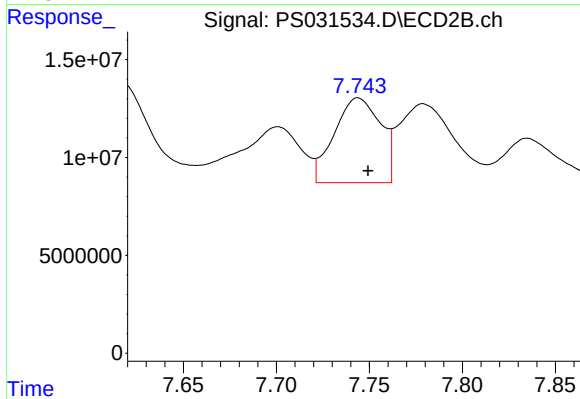
#3 4-Nitrophenol

R.T.: 7.295 min
Delta R.T.: 0.005 min
Response: 303108036
Conc: 241.16 ng/ml m



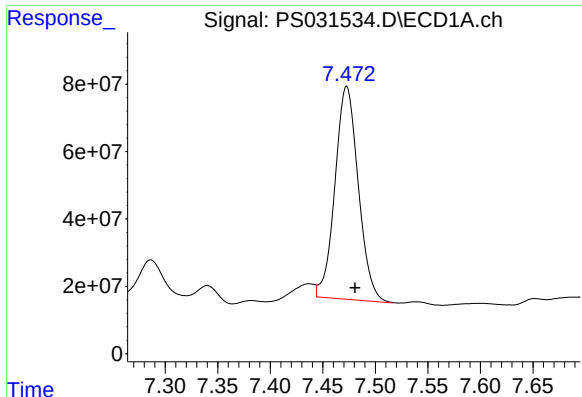
#4 2,4-DCAA

R.T.: 7.286 min
Delta R.T.: -0.009 min
Response: 203129767
Conc: 64.00 ng/ml m



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: -0.006 min
Response: 76178574
Conc: 90.12 ng/ml m



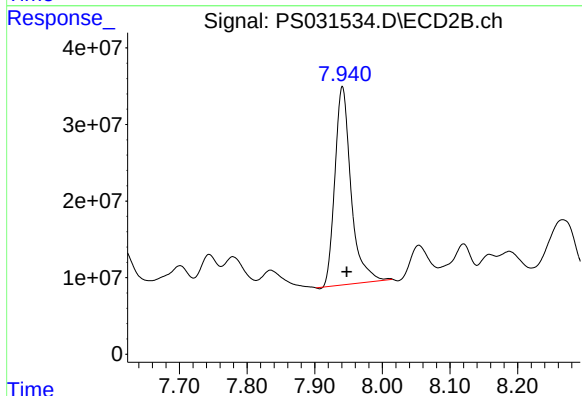
#5 DICAMBA

R.T.: 7.472 min
Delta R.T.: -0.008 min
Response: 975904911
Conc: 69.87 ng/ml

Instrument :
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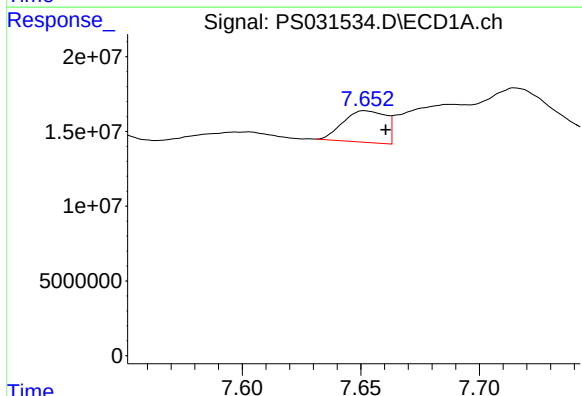
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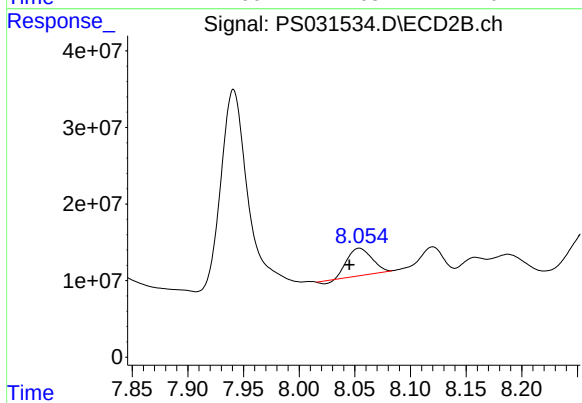
#5 DICAMBA

R.T.: 7.941 min
Delta R.T.: -0.006 min
Response: 431659143
Conc: 75.96 ng/ml



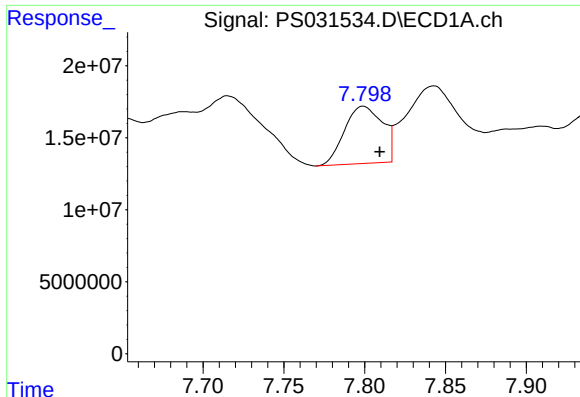
#6 MCP

R.T.: 7.652 min
Delta R.T.: -0.009 min
Response: 26527352
Conc: 3.30 ug/ml



#6 MCP

R.T.: 8.054 min
Delta R.T.: 0.009 min
Response: 53464573
Conc: 30.24 ug/ml



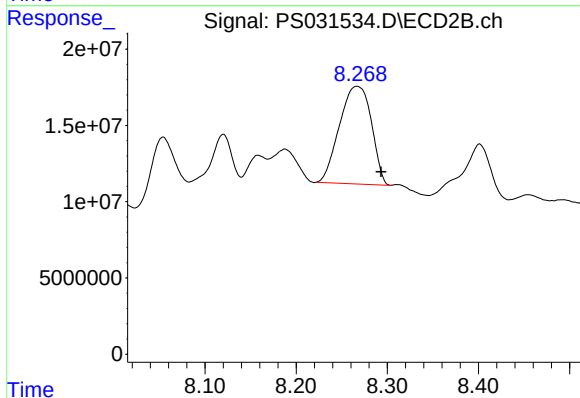
#7 MCPA

R.T.: 7.799 min
Delta R.T.: -0.010 min
Response: 65058347
Conc: 6.53 ug/ml

Instrument :
ECD_S
ClientSampleId :
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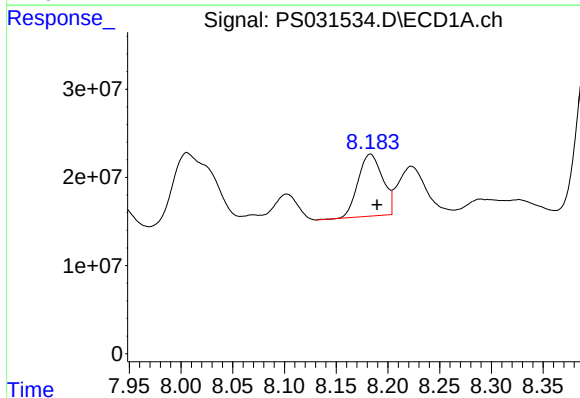
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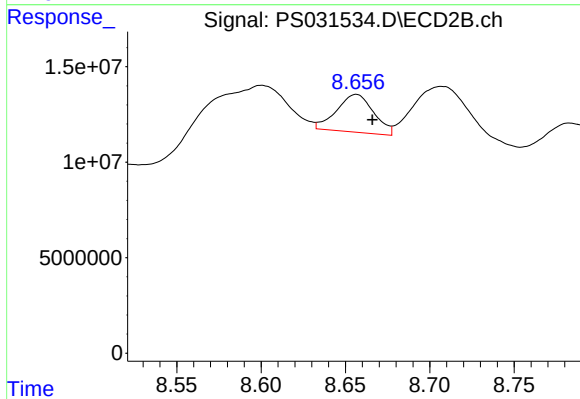
#7 MCPA

R.T.: 8.268 min
Delta R.T.: -0.026 min
Response: 156257125
Conc: 55.70 ug/ml m



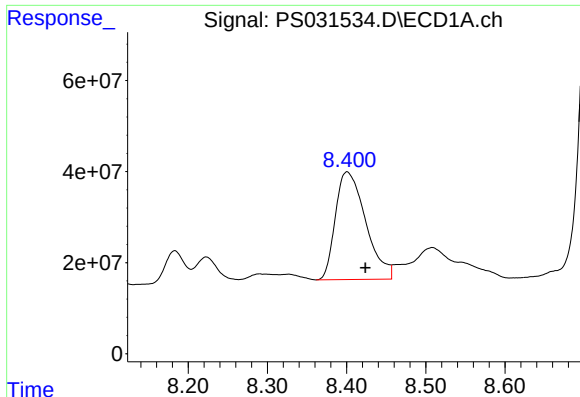
#8 DICHLORPROP

R.T.: 8.183 min
Delta R.T.: -0.006 min
Response: 116343250
Conc: 36.67 ng/ml



#8 DICHLORPROP

R.T.: 8.656 min
Delta R.T.: -0.010 min
Response: 30288542
Conc: 22.69 ng/ml



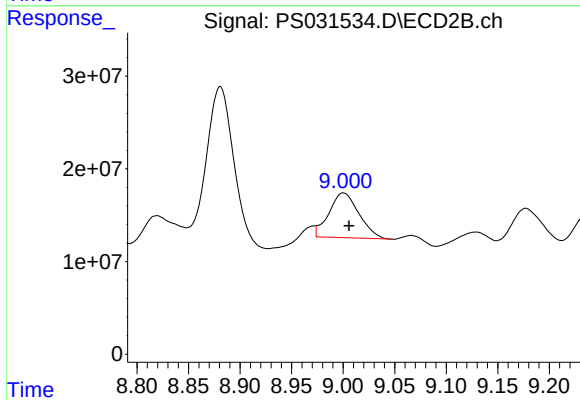
#9 2,4-D

R.T.: 8.401 min
Delta R.T.: -0.023 min
Response: 629159330
Conc: 218.70 ng/ml

Instrument :
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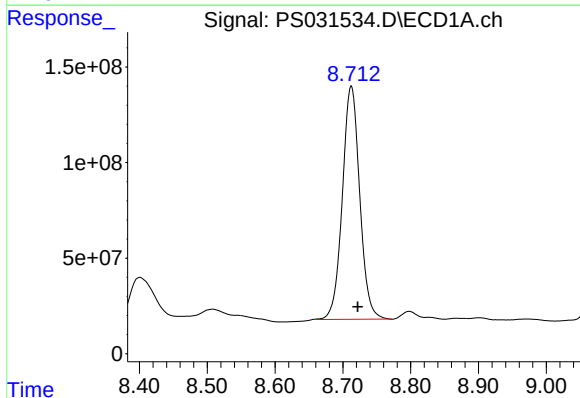
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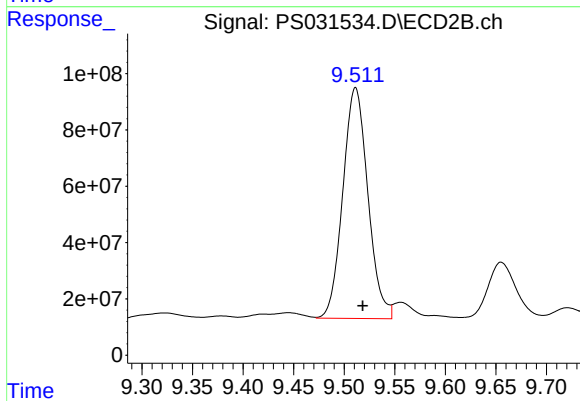
#9 2,4-D

R.T.: 9.000 min
Delta R.T.: -0.006 min
Response: 97436290
Conc: 68.27 ng/ml m



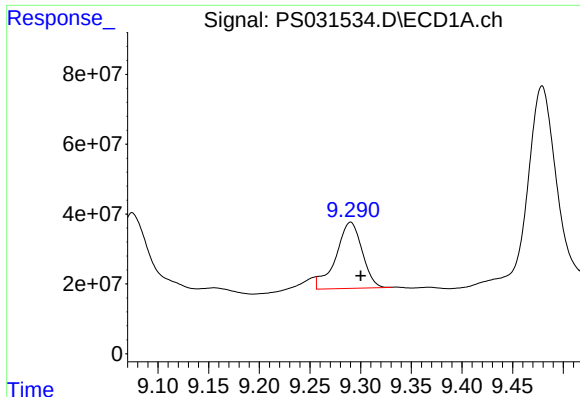
#10 Pentachlorophenol

R.T.: 8.712 min
Delta R.T.: -0.010 min
Response: 2170636770
Conc: 45.21 ng/ml m



#10 Pentachlorophenol

R.T.: 9.511 min
Delta R.T.: -0.008 min
Response: 1415865763
Conc: 40.65 ng/ml m



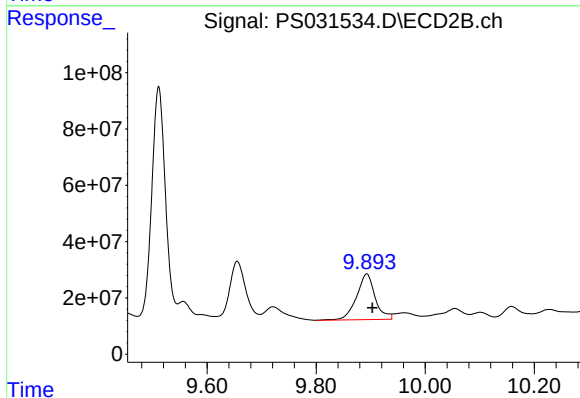
#11 2,4,5-TP (SILVEX)

R.T.: 9.290 min
Delta R.T.: -0.010 min
Response: 339827551
Conc: 18.96 ng/ml

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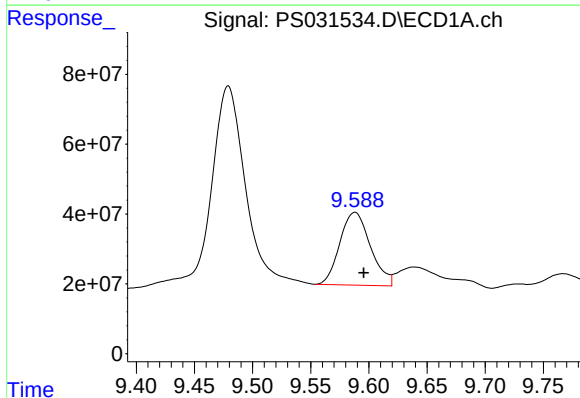
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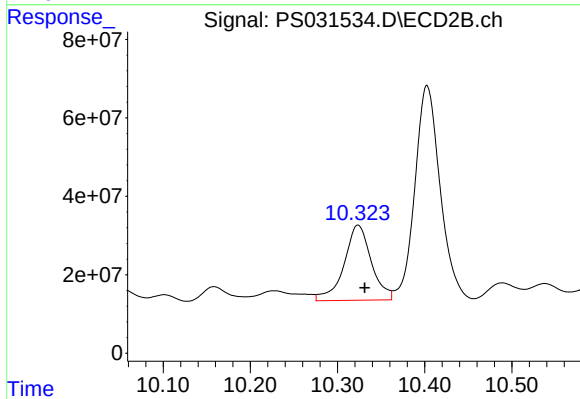
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: -0.011 min
Response: 383982659
Conc: 29.28 ng/ml



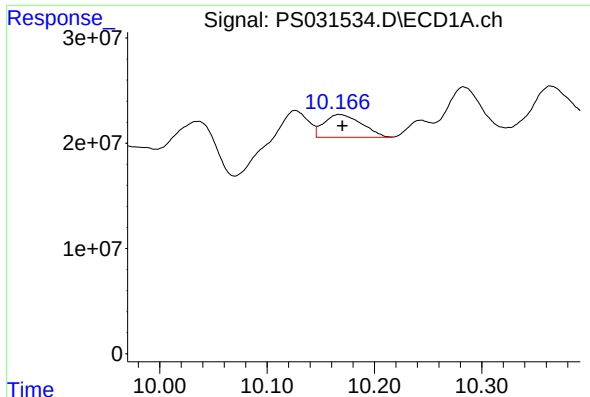
#12 2,4,5-T

R.T.: 9.588 min
Delta R.T.: -0.008 min
Response: 383461149
Conc: 26.17 ng/ml



#12 2,4,5-T

R.T.: 10.324 min
Delta R.T.: -0.007 min
Response: 416260670
Conc: 35.16 ng/ml



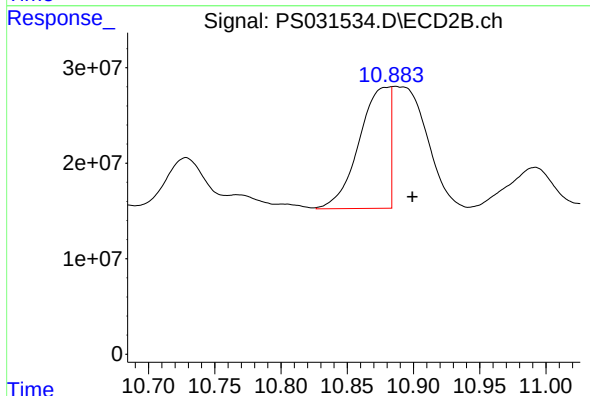
#13 2,4-DB

R.T.: 10.166 min
Delta R.T.: -0.004 min
Response: 52554986
Conc: 27.35 ng/ml

Instrument :
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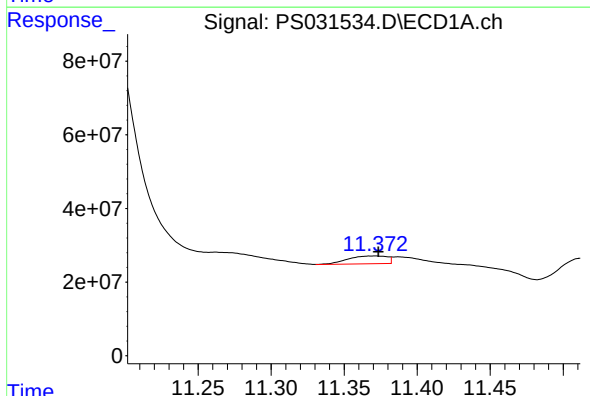
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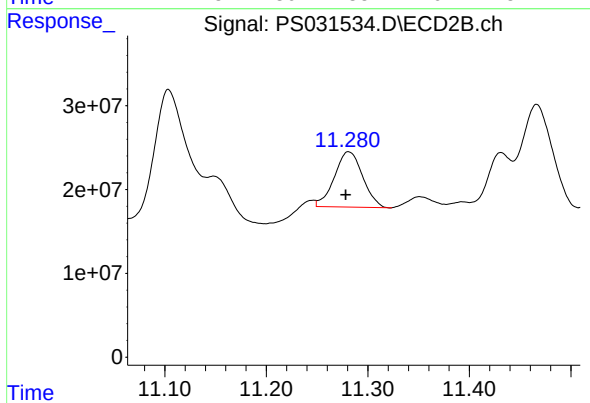
#13 2,4-DB

R.T.: 10.883 min
Delta R.T.: -0.016 min
Response: 210382365
Conc: 218.05 ng/ml



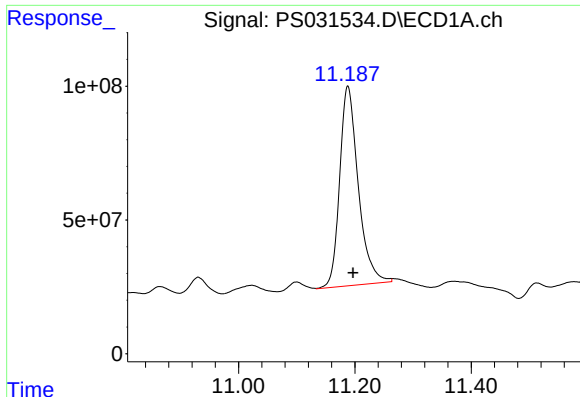
#14 DINOSEB

R.T.: 11.372 min
Delta R.T.: -0.002 min
Response: 39615462
Conc: 3.12 ng/ml



#14 DINOSEB

R.T.: 11.280 min
Delta R.T.: 0.002 min
Response: 127234111
Conc: 13.45 ng/ml



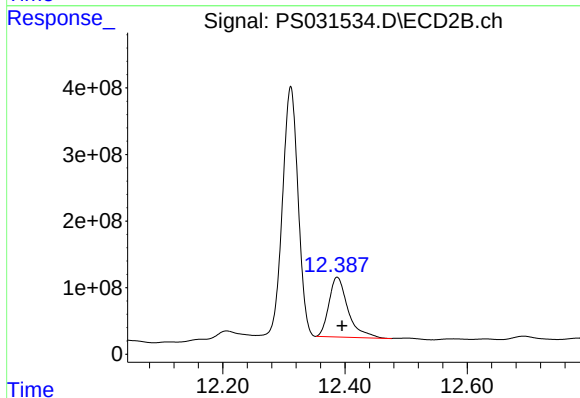
#15 Picloram

R.T.: 11.187 min
Delta R.T.: -0.010 min
Response: 1657286514
Conc: 126.95 ng/ml

Instrument :
ECD_S
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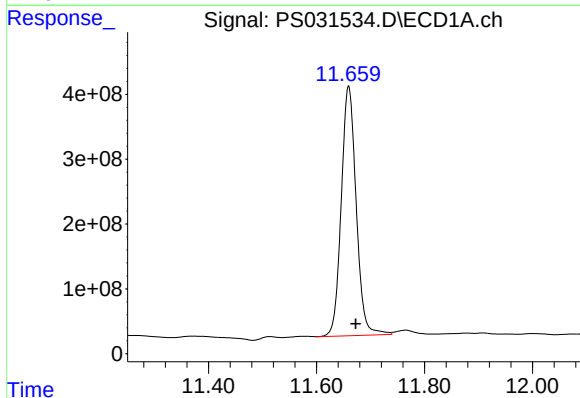
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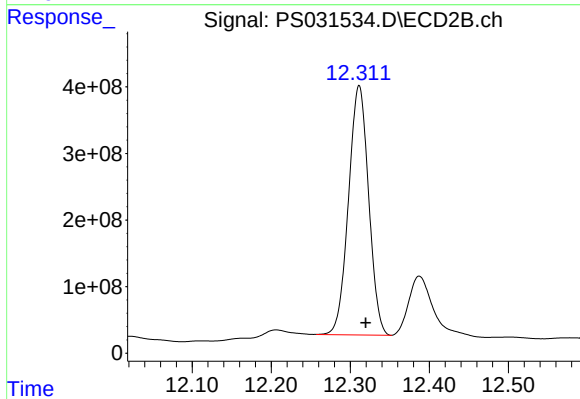
#15 Picloram

R.T.: 12.388 min
Delta R.T.: -0.008 min
Response: 1938773613
Conc: 110.60 ng/ml



#16 DCPA

R.T.: 11.659 min
Delta R.T.: -0.014 min
Response: 7388348835
Conc: 324.34 ng/ml m



#16 DCPA

R.T.: 12.311 min
Delta R.T.: -0.009 min
Response: 6634806651
Conc: 336.79 ng/ml m