

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030487.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 16:00
 Operator : AR\AJ
 Sample : Q1872-17DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HW0425-PT-HERB-SOILD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/05/2025
 Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 16:58:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.362	7.772	797.6E6	155.3E6	211.281m	144.350m#
Target Compounds							
3) T	4-Nitroph...	7.165	7.304	903.1E6	992.9E6	492.472	633.501 #
5) T	DICAMBA	7.559	7.977	10516.1E6	4434.4E6	681.865	688.396
8) T	DICHLORPROP	8.276	8.697	3146.5E6	1275.6E6	864.859	859.467
9) T	2,4-D	8.508	9.034	3901.6E6	1310.3E6	1070.797	833.361
10) T	Pentachlo...	8.818	9.560	41849.1E6	26082.0E6	824.024	721.733
11) T	2,4,5-TP ...	9.401	9.941	16930.6E6	11691.0E6	819.285	852.318
12) T	2,4,5-T	9.694	10.368	11373.8E6	8080.6E6	617.101	618.863
13) T	2,4-DB	10.277	10.935	955.8E6	546.0E6	314.779m	474.958m#
14) T	DINOSEB	11.498	11.323	1889.1E6	1190.9E6	131.416	118.500m
15) T	Picloram	11.303	12.428	8903.7E6	9353.6E6	445.080	423.548

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

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Acq On : 04 Jun 2025 16:00
Operator : AR\AJ
Sample : Q1872-17DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

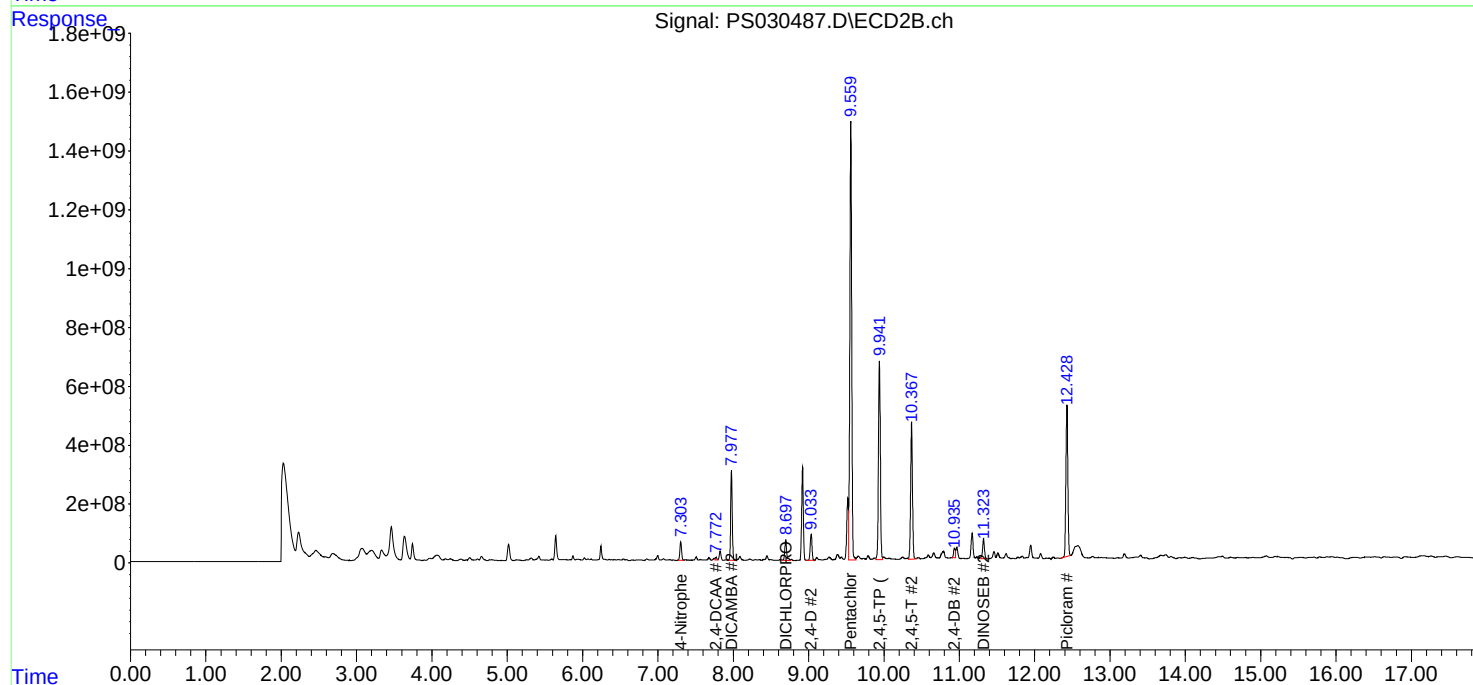
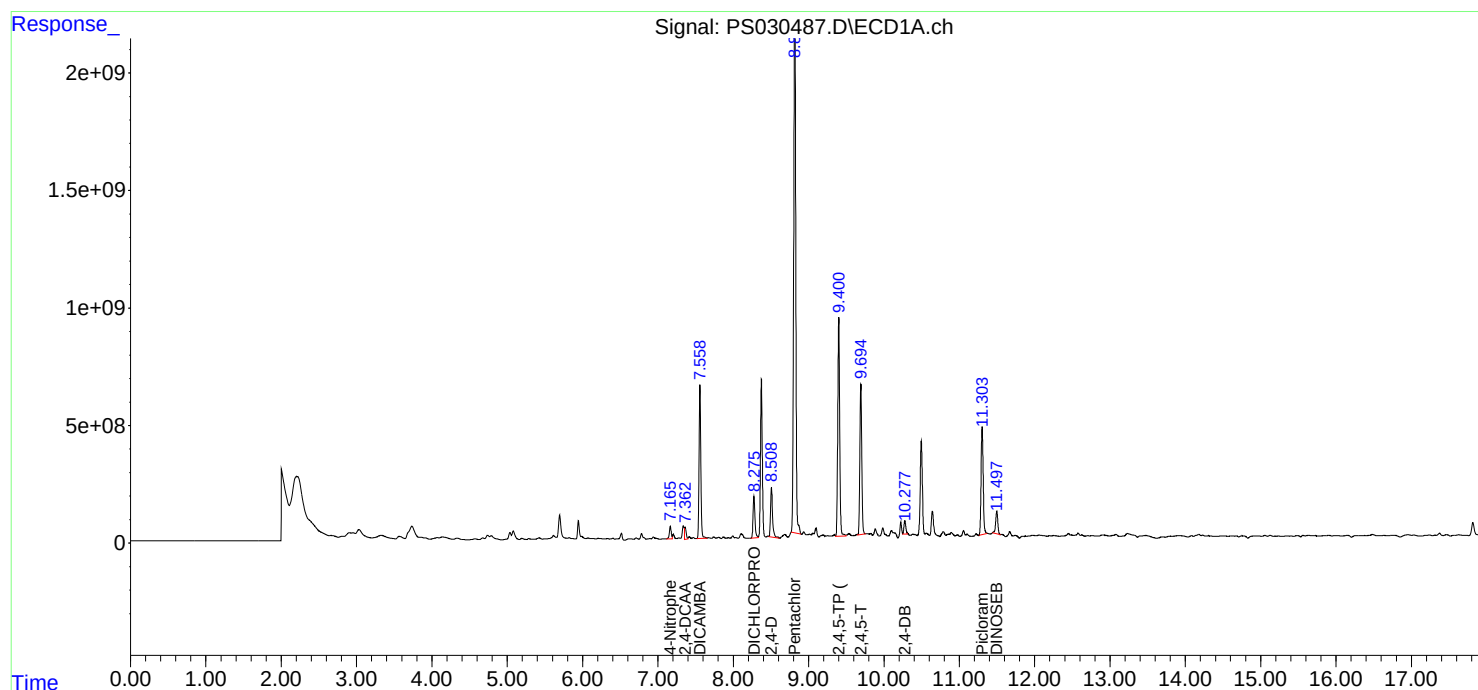
Instrument :
ECD_S
ClientSampleId :
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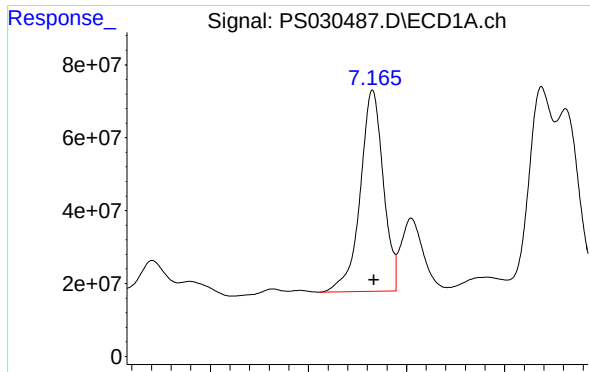
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 16:58:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





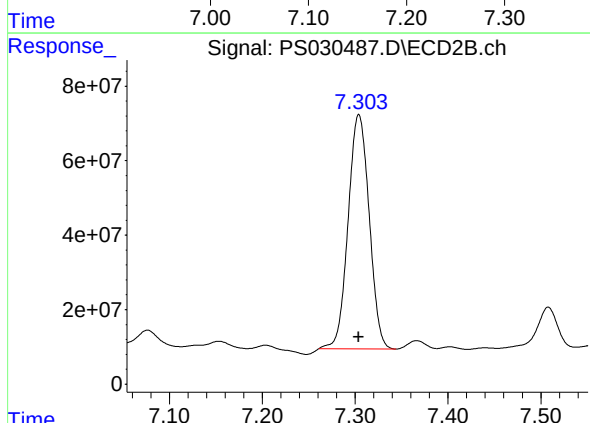
#3 4-Nitrophenol

R.T.: 7.165 min
Delta R.T.: -0.002 min
Response: 903072934
Conc: 492.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
HW0425-PT-HERB-SOILD

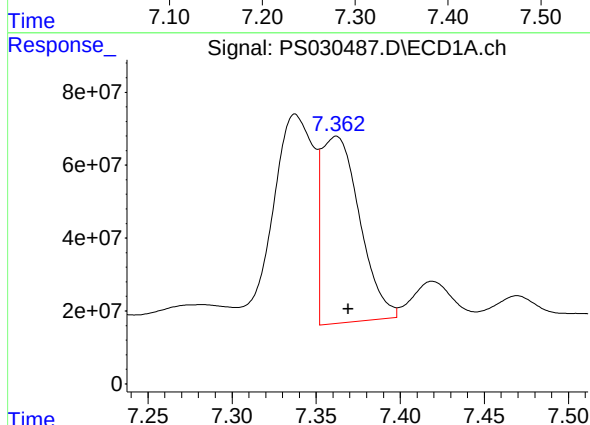
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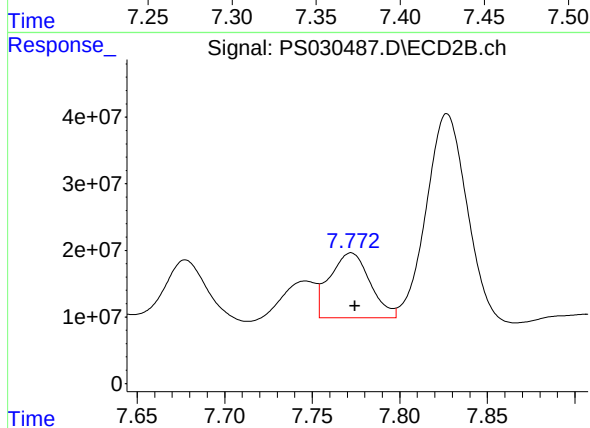
#3 4-Nitrophenol

R.T.: 7.304 min
Delta R.T.: 0.000 min
Response: 992850027
Conc: 633.50 ng/ml



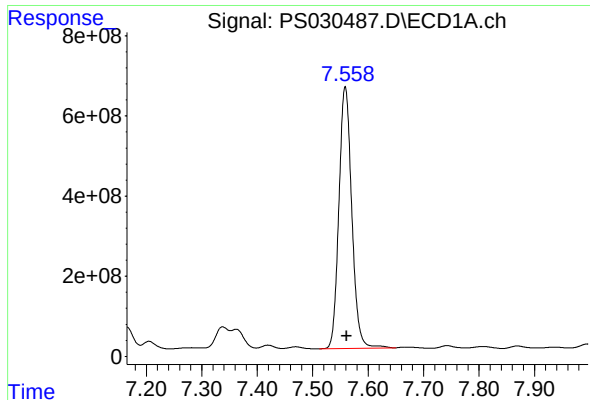
#4 2,4-DCAA

R.T.: 7.362 min
Delta R.T.: -0.007 min
Response: 797616475
Conc: 211.28 ng/ml m



#4 2,4-DCAA

R.T.: 7.772 min
Delta R.T.: -0.003 min
Response: 155263939
Conc: 144.35 ng/ml m



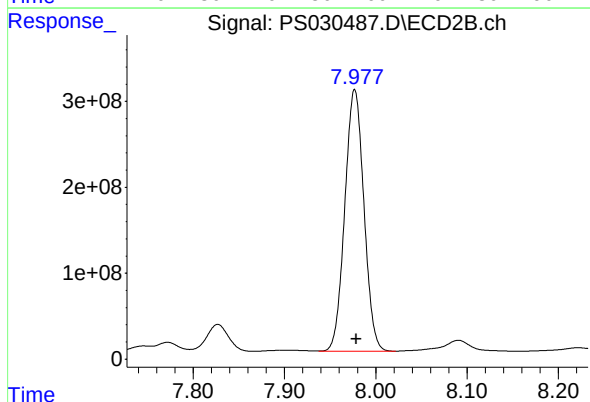
#5 DICAMBA

R.T.: 7.559 min
Delta R.T.: -0.003 min
Response: 10516086467
Conc: 681.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
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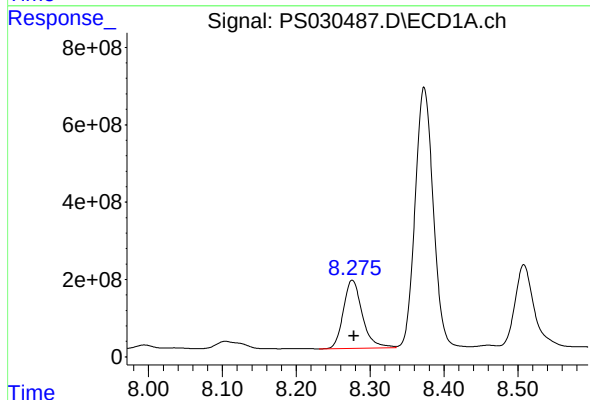
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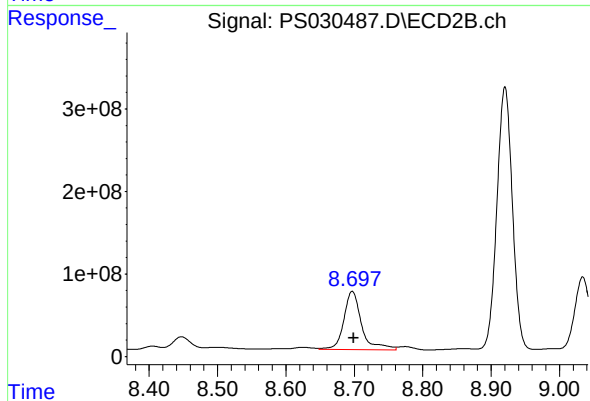
#5 DICAMBA

R.T.: 7.977 min
Delta R.T.: -0.001 min
Response: 4434405753
Conc: 688.40 ng/ml



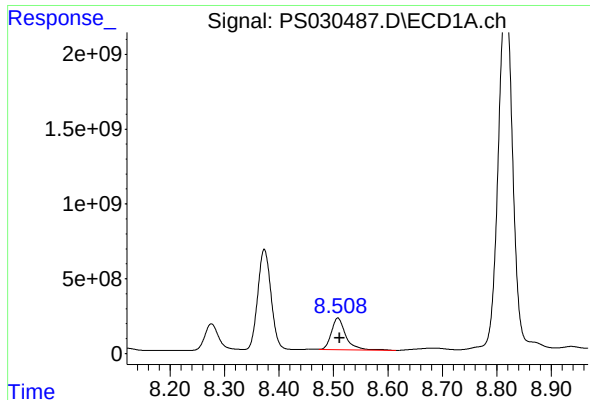
#8 DICHLORPROP

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 3146483418
Conc: 864.86 ng/ml



#8 DICHLORPROP

R.T.: 8.697 min
Delta R.T.: -0.002 min
Response: 1275624038
Conc: 859.47 ng/ml



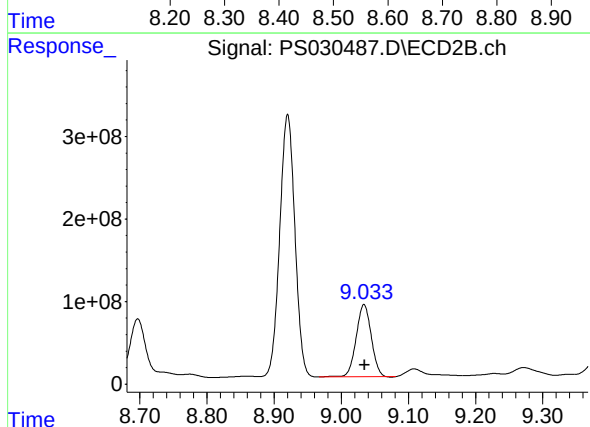
#9 2,4-D

R.T.: 8.508 min
Delta R.T.: -0.003 min
Response: 3901567037
Conc: 1070.80 ng/ml

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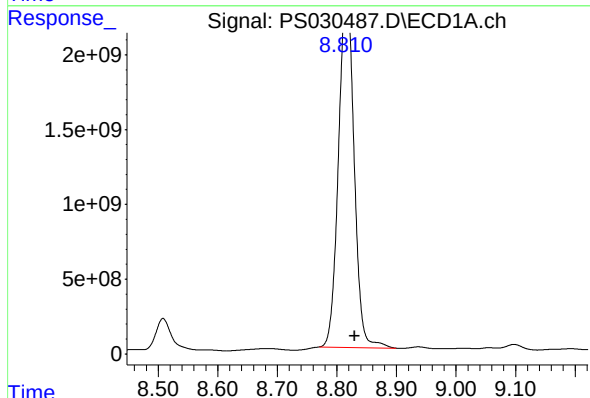
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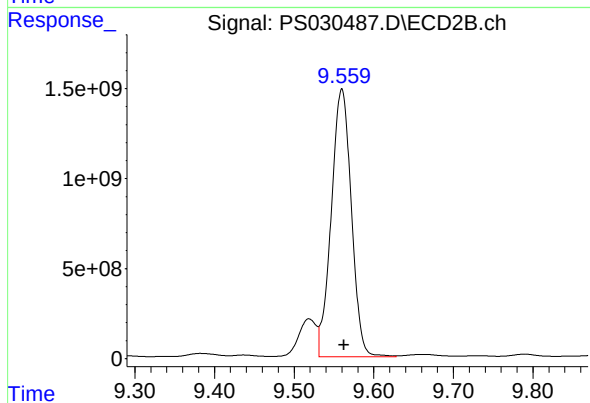
#9 2,4-D

R.T.: 9.034 min
Delta R.T.: 0.000 min
Response: 1310311389
Conc: 833.36 ng/ml



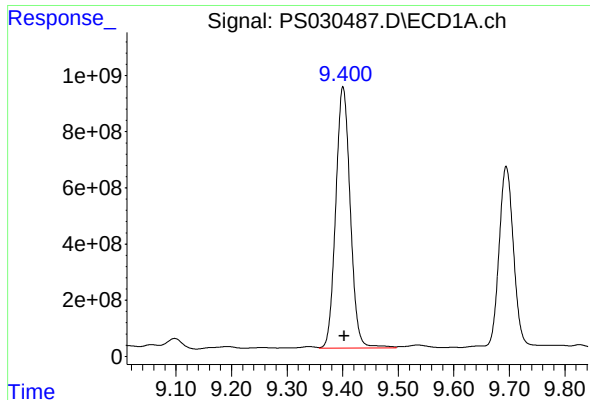
#10 Pentachlorophenol

R.T.: 8.818 min
Delta R.T.: -0.012 min
Response: 41849053434
Conc: 824.02 ng/ml



#10 Pentachlorophenol

R.T.: 9.560 min
Delta R.T.: -0.003 min
Response: 26081999641
Conc: 721.73 ng/ml



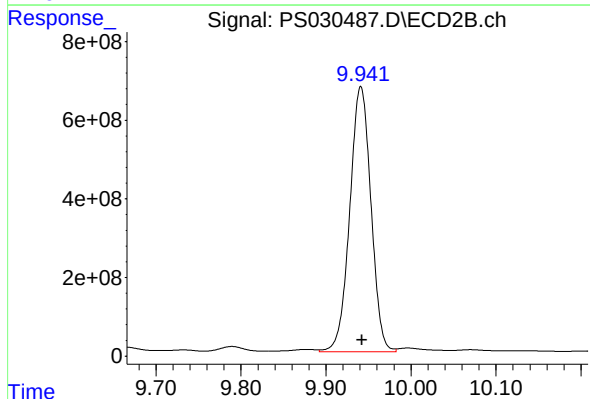
#11 2,4,5-TP (SILVEX)

R.T.: 9.401 min
Delta R.T.: -0.002 min
Response: 16930603868
Conc: 819.29 ng/ml

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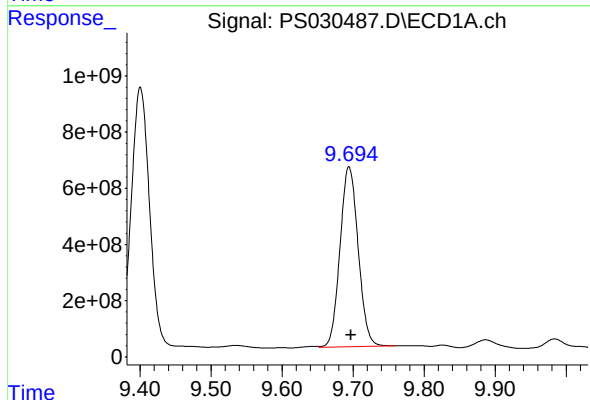
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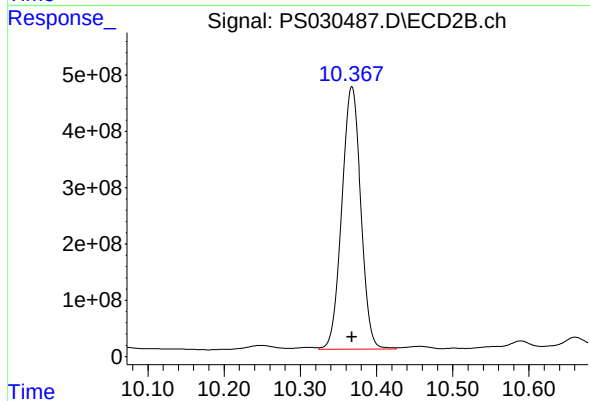
#11 2,4,5-TP (SILVEX)

R.T.: 9.941 min
Delta R.T.: -0.001 min
Response: 11691032228
Conc: 852.32 ng/ml



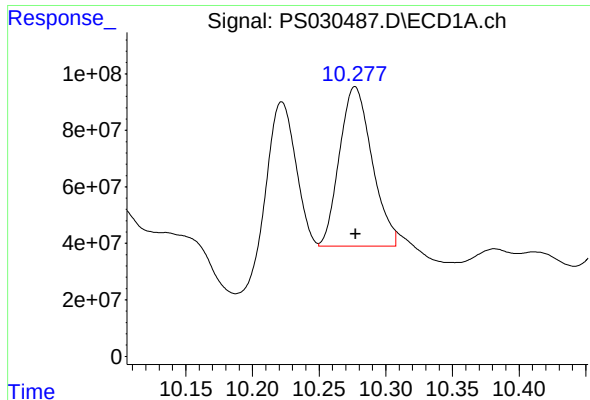
#12 2,4,5-T

R.T.: 9.694 min
Delta R.T.: -0.003 min
Response: 11373824716
Conc: 617.10 ng/ml



#12 2,4,5-T

R.T.: 10.368 min
Delta R.T.: 0.000 min
Response: 8080567710
Conc: 618.86 ng/ml



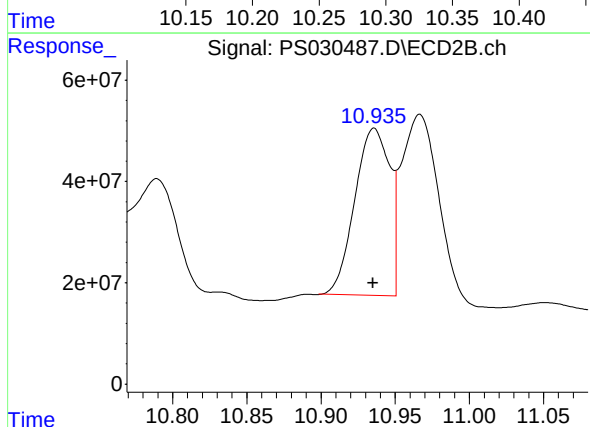
#13 2,4-DB

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 955784155
Conc: 314.78 ng/ml

Instrument :
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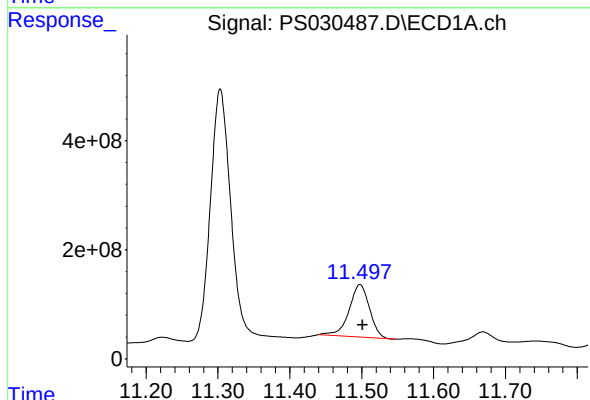
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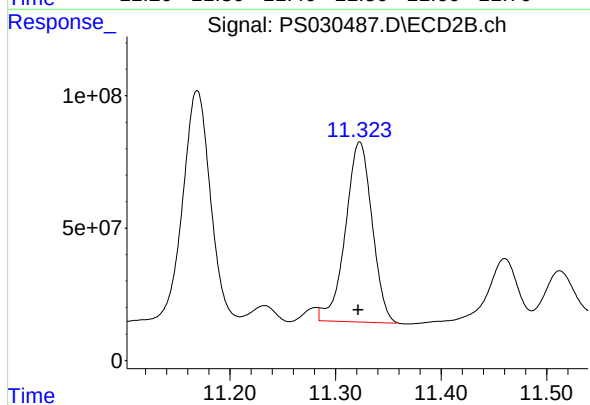
#13 2,4-DB

R.T.: 10.935 min
Delta R.T.: 0.000 min
Response: 545989589
Conc: 474.96 ng/ml m



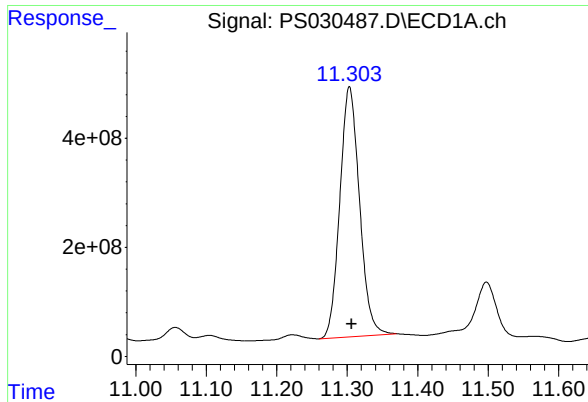
#14 DINOSEB

R.T.: 11.498 min
Delta R.T.: -0.004 min
Response: 1889102709
Conc: 131.42 ng/ml



#14 DINOSEB

R.T.: 11.323 min
Delta R.T.: 0.000 min
Response: 1190935464
Conc: 118.50 ng/ml m



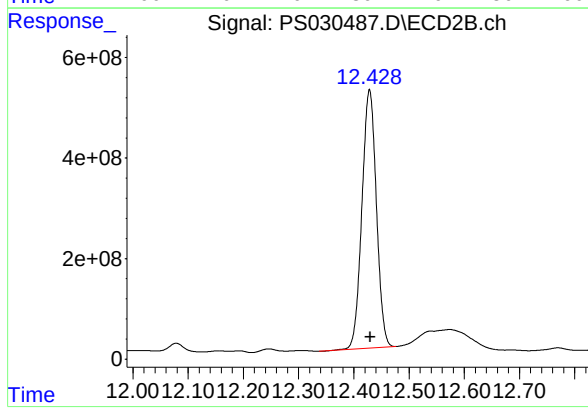
#15 Picloram

R.T.: 11.303 min
Delta R.T.: -0.003 min
Response: 8903741646
Conc: 445.08 ng/ml

Instrument :
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ClientSampleId :
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#15 Picloram

R.T.: 12.428 min
Delta R.T.: -0.001 min
Response: 9353583787
Conc: 423.55 ng/ml