

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030486.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 15:36
 Operator : AR\AJ
 Sample : Q1872-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

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 16:44:30 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	7.771	1575.6E6	322.8E6	417.366m	300.063m#
Target Compounds						
3) T 4-Nitroph...	7.165	7.305	1861.3E6	2301.8E6	1015.024	1468.672 #
5) T DICAMBA	7.559	7.977	20604.2E6	9190.4E6	1335.982	1426.723
8) T DICHLORPROP	8.276	8.697	6362.7E6	2689.3E6	1748.877	1811.932
9) T 2,4-D	8.509	9.034	7819.8E6	3491.0E6	2146.177	2220.315
10) T Pentachlo...	8.827	9.562	56062.9E6	46613.6E6	1103.901	1289.878
11) T 2,4,5-TP ...	9.401	9.941	32804.9E6	23021.6E6	1587.454	1678.360
12) T 2,4,5-T	9.695	10.367	22796.6E6	15963.2E6	1236.859	1222.566
13) T 2,4-DB	10.277	10.934	1953.6E6	1211.1E6	643.392m	1053.555m#
14) T DINOSEB	11.497	11.321	3747.8E6	3027.3E6	260.719	301.220m
15) T Picloram	11.304	12.429	19205.0E6	19911.7E6	960.021	901.640

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

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Operator : AR\AJ
Sample : Q1872-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

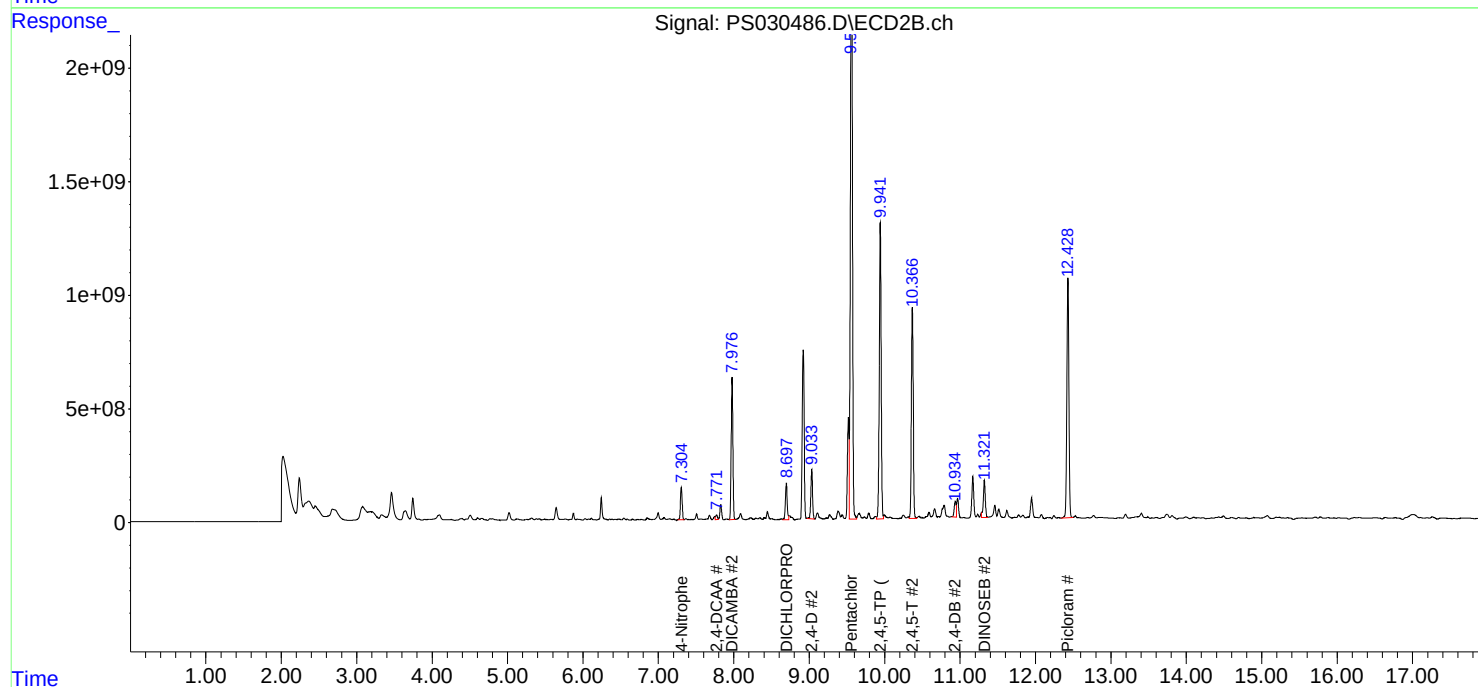
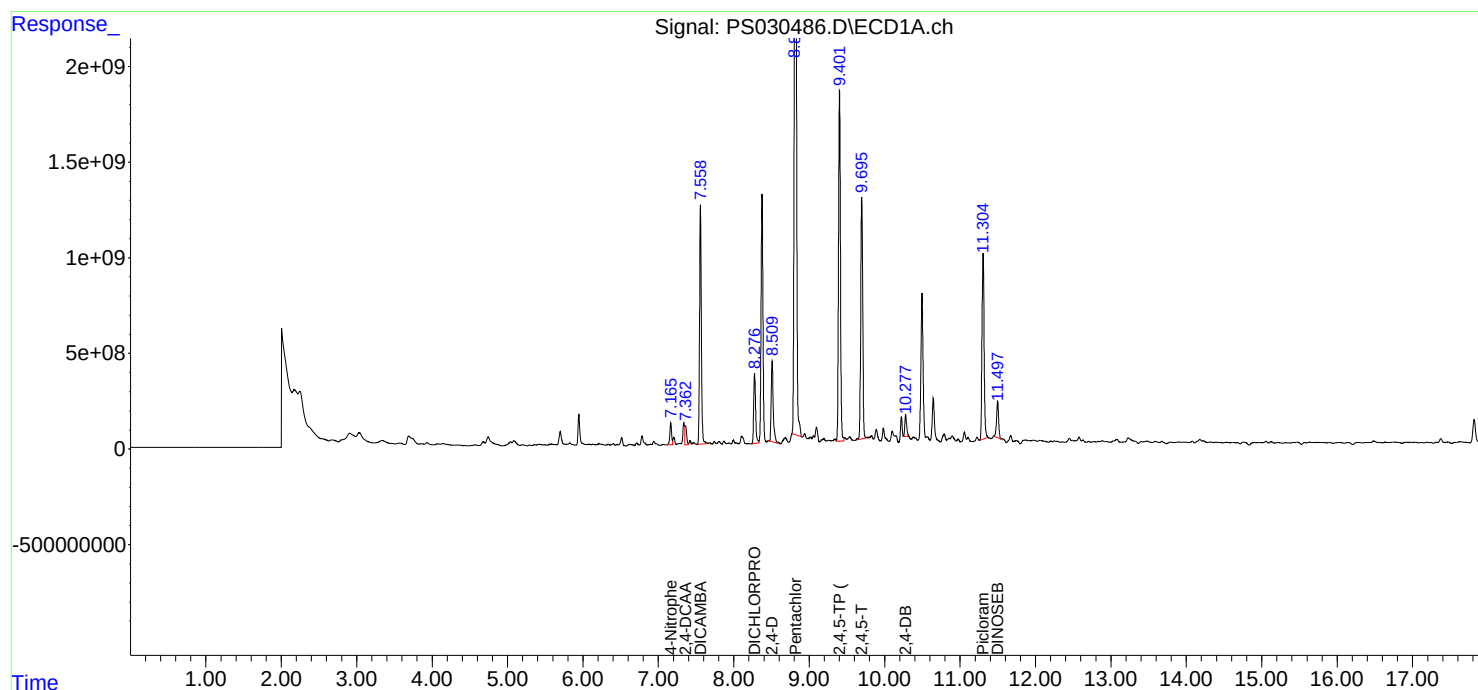
Instrument :
ECD_S
ClientSampleId :
HW0425-PT-HERB-SOIL

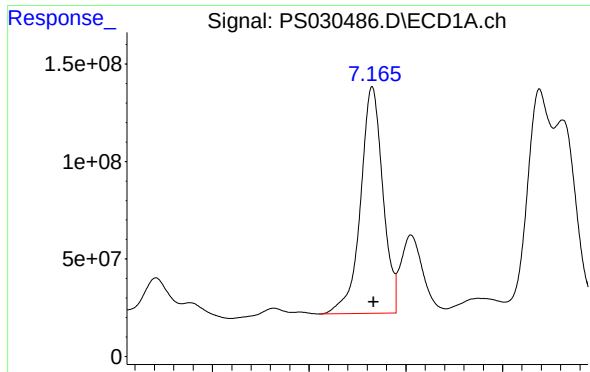
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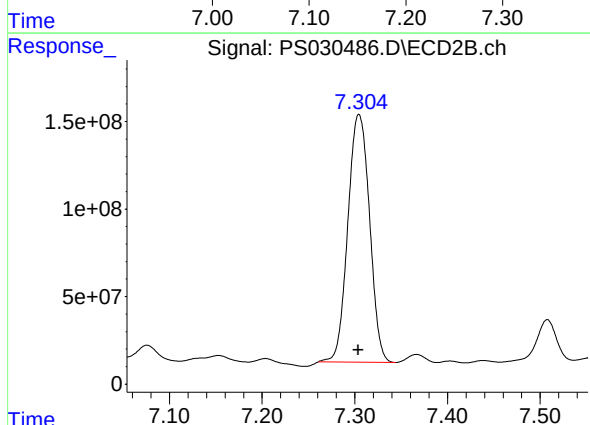
#3 4-Nitrophenol

R.T.: 7.165 min
Delta R.T.: -0.002 min
Response: 1861305227
Conc: 1015.02 ng/ml

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

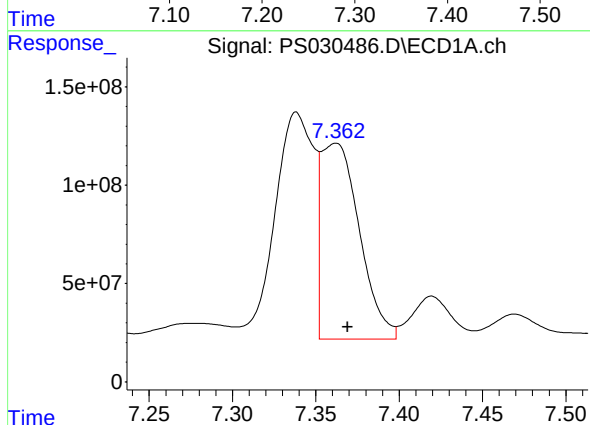
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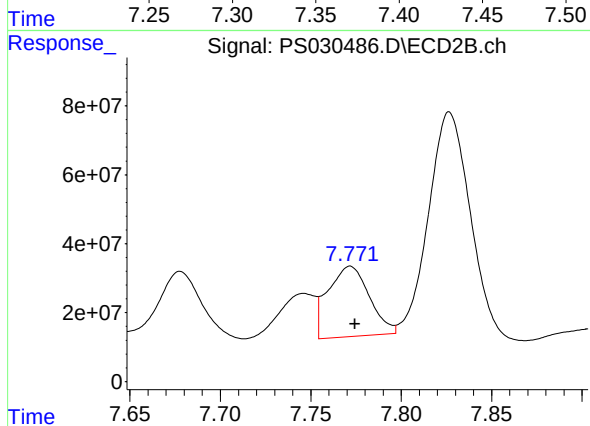
#3 4-Nitrophenol

R.T.: 7.305 min
Delta R.T.: 0.000 min
Response: 2301764707
Conc: 1468.67 ng/ml



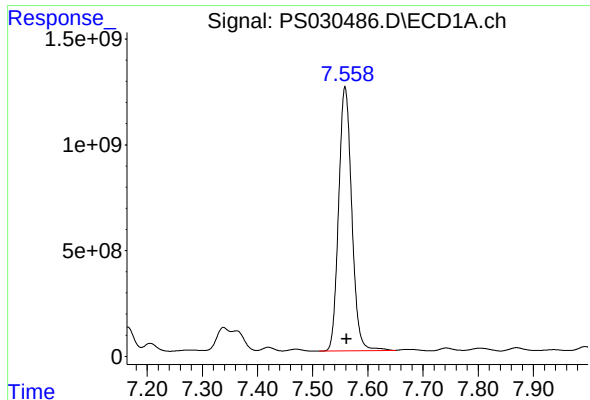
#4 2,4-DCAA

R.T.: 7.362 min
Delta R.T.: -0.007 min
Response: 1575615775
Conc: 417.37 ng/ml m



#4 2,4-DCAA

R.T.: 7.771 min
Delta R.T.: -0.003 min
Response: 322751143
Conc: 300.06 ng/ml m



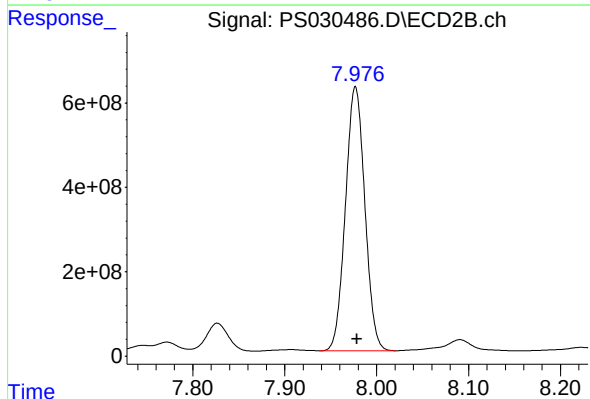
#5 DICAMBA

R.T.: 7.559 min
Delta R.T.: -0.003 min
Response: 20604238650
Conc: 1335.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
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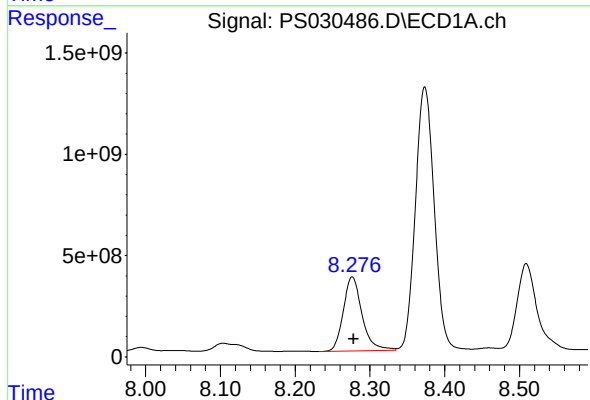
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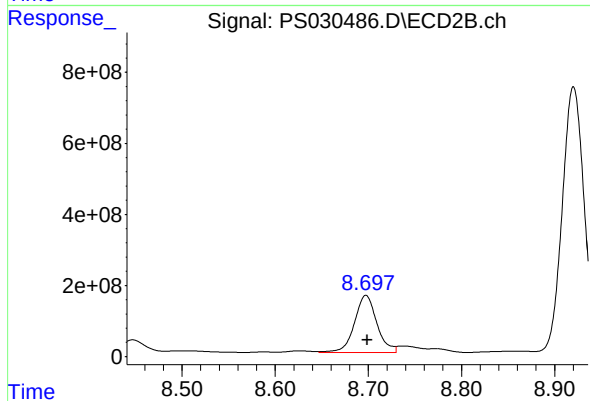
#5 DICAMBA

R.T.: 7.977 min
Delta R.T.: -0.002 min
Response: 9190448630
Conc: 1426.72 ng/ml



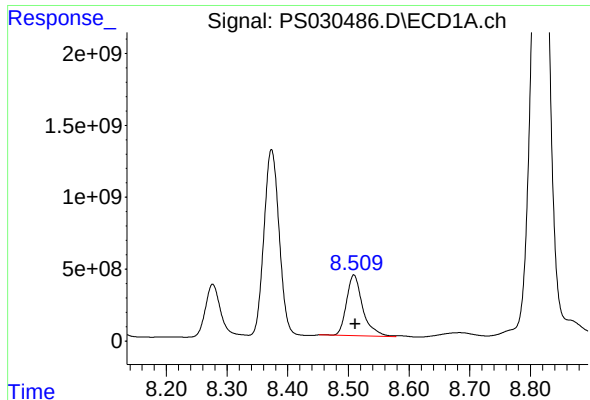
#8 DICHLORPROP

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 6362669803
Conc: 1748.88 ng/ml



#8 DICHLORPROP

R.T.: 8.697 min
Delta R.T.: -0.002 min
Response: 2689276417
Conc: 1811.93 ng/ml



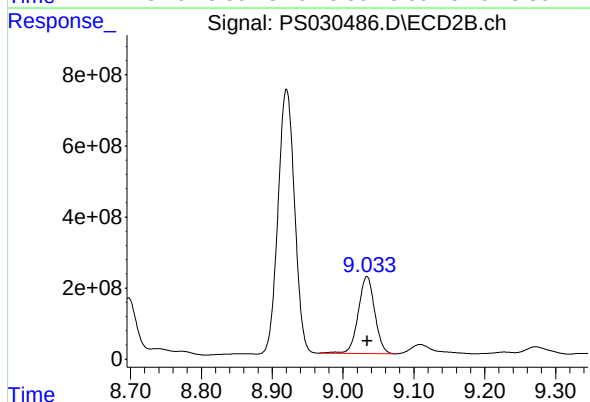
#9 2,4-D

R.T.: 8.509 min
Delta R.T.: -0.002 min
Response: 7819835561
Conc: 2146.18 ng/ml

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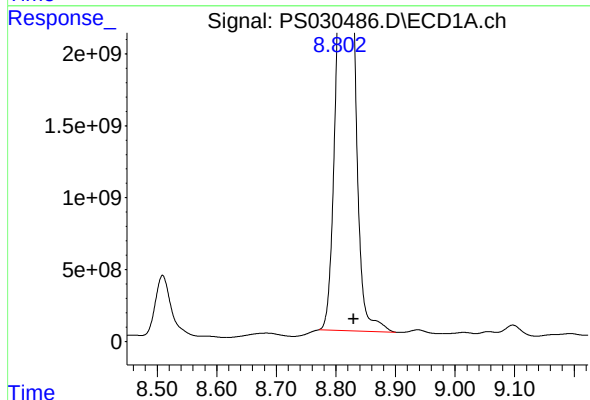
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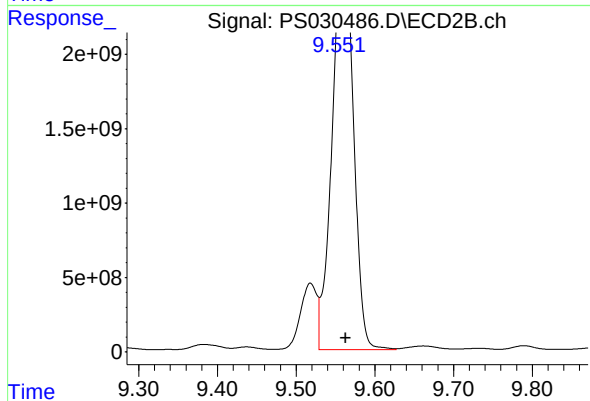
#9 2,4-D

R.T.: 9.034 min
Delta R.T.: 0.000 min
Response: 3491047750
Conc: 2220.32 ng/ml



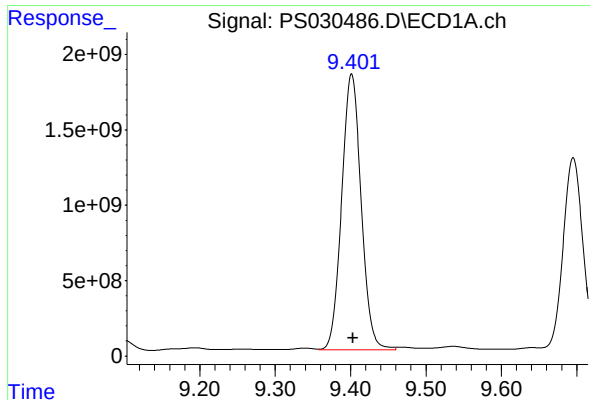
#10 Pentachlorophenol

R.T.: 8.827 min
Delta R.T.: -0.003 min
Response: 56062905702
Conc: 1103.90 ng/ml



#10 Pentachlorophenol

R.T.: 9.562 min
Delta R.T.: 0.000 min
Response: 46613631343
Conc: 1289.88 ng/ml



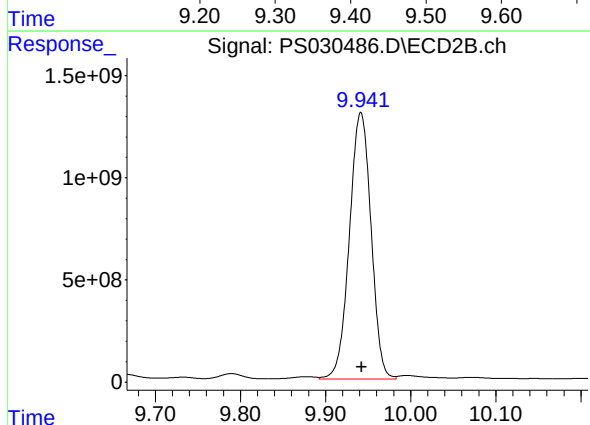
#11 2,4,5-TP (SILVEX)

R.T.: 9.401 min
Delta R.T.: -0.002 min
Response: 32804874551
Conc: 1587.45 ng/ml

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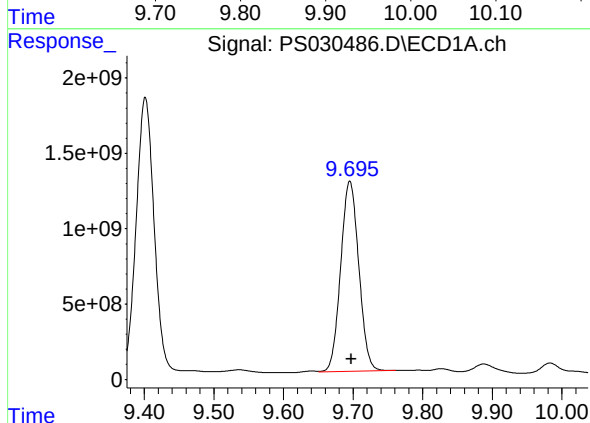
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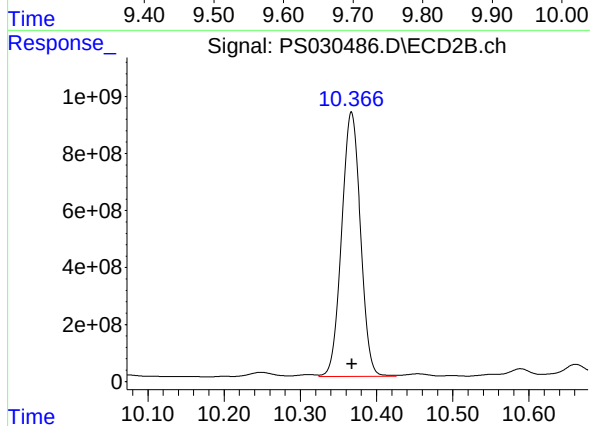
#11 2,4,5-TP (SILVEX)

R.T.: 9.941 min
Delta R.T.: 0.000 min
Response: 23021637993
Conc: 1678.36 ng/ml



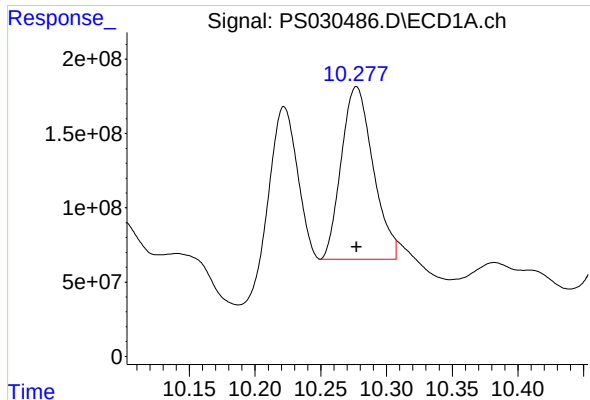
#12 2,4,5-T

R.T.: 9.695 min
Delta R.T.: -0.002 min
Response: 22796620438
Conc: 1236.86 ng/ml



#12 2,4,5-T

R.T.: 10.367 min
Delta R.T.: 0.000 min
Response: 15963198070
Conc: 1222.57 ng/ml



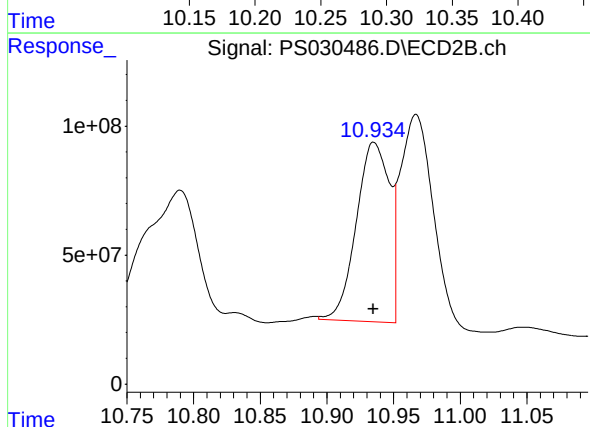
#13 2,4-DB

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 1953571957
Conc: 643.39 ng/ml

Instrument :
ECD_S
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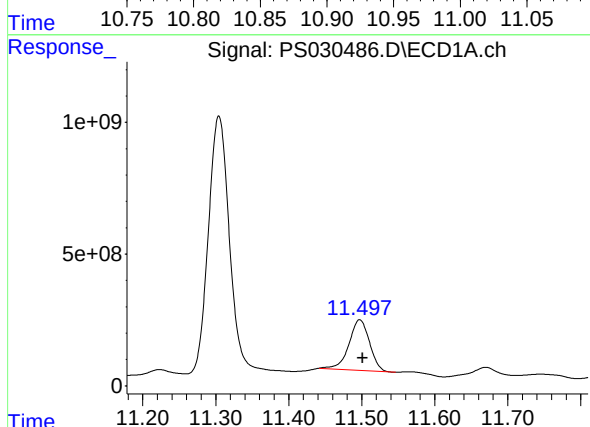
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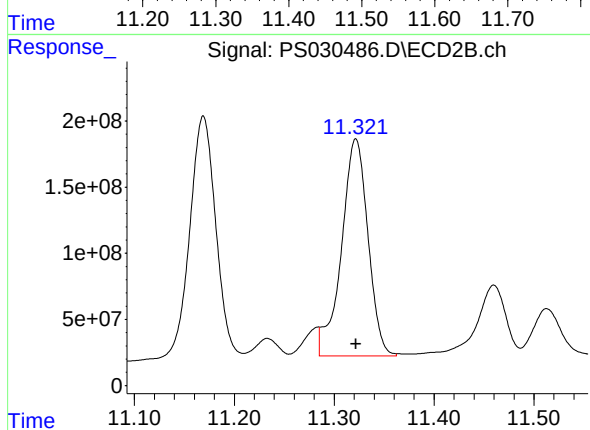
#13 2,4-DB

R.T.: 10.934 min
Delta R.T.: 0.000 min
Response: 1211116477
Conc: 1053.55 ng/ml m



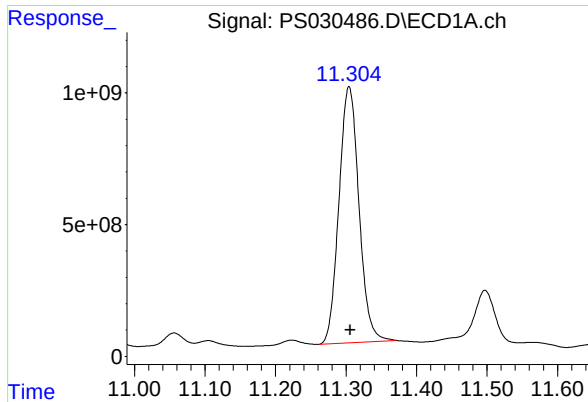
#14 DINOSEB

R.T.: 11.497 min
Delta R.T.: -0.004 min
Response: 3747812171
Conc: 260.72 ng/ml



#14 DINOSEB

R.T.: 11.321 min
Delta R.T.: 0.000 min
Response: 3027297282
Conc: 301.22 ng/ml m



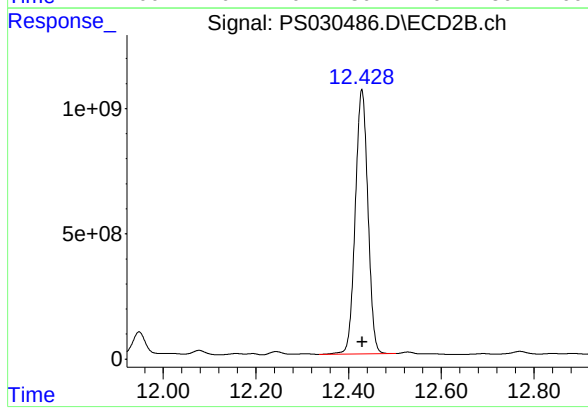
#15 Picloram

R.T.: 11.304 min
Delta R.T.: -0.002 min
Response: 19205039985
Conc: 960.02 ng/ml

Instrument :
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#15 Picloram

R.T.: 12.429 min
Delta R.T.: -0.001 min
Response: 19911713894
Conc: 901.64 ng/ml