

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
 Data File : PS030143.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 21:23
 Operator : AR\AJ
 Sample : Q1956-05MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 COMP1MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/13/2025
 Supervised By : mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 06:00:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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 x 0.5 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	6.937	7.454	2218.8E6	351.5E6	779.133	439.202 #
Target Compounds							
1) T	Dalapon	2.444	2.519	2392.8E6	2118.9E6	486.797	1043.251 #
2) T	3,5-DICHL...	6.138	6.453	2140.0E6	537.4E6	513.114m	460.939m
3) T	4-Nitroph...	6.727	6.988	28958745	21823929	14.019m	20.904 #
5) T	DICAMBA	7.110	7.640	4813.0E6	2184.4E6	416.448	462.019
6) T	MCPD	7.288	7.746	514.4E6	76333837	70.633	41.491 #
7) T	MCPA	7.429	7.975	426.6E6	125.3E6	41.099	47.519
8) T	DICHLORPROP	7.788	8.332	1339.8E6	622.8E6	458.636m	527.186
9) T	2,4-D	8.009	8.644	1764.6E6	679.7E6	538.157	526.662
10) T	Pentachlo...	8.287	9.145	17563.9E6	10500.6E6	433.669	425.383
11) T	2,4,5-TP ...	8.851	9.523	8121.0E6	4976.7E6	501.423	505.230
12) T	2,4,5-T	9.132	9.927	7996.7E6	4454.0E6	484.203	483.942
13) T	2,4-DB	9.691	10.485	1057.2E6	461.0E6	405.103	464.550
14) T	DINOSEB	10.852	10.858	3738.3E6	2100.8E6	326.880	307.490
15) T	Picloram	10.671	11.894	8846.3E6	5785.0E6	413.628	411.067m
16) T	DCPA	11.153	11.889	9416.2E6	5676.9E6	472.903	420.187m

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

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Operator : AR\AJ
Sample : Q1956-05MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

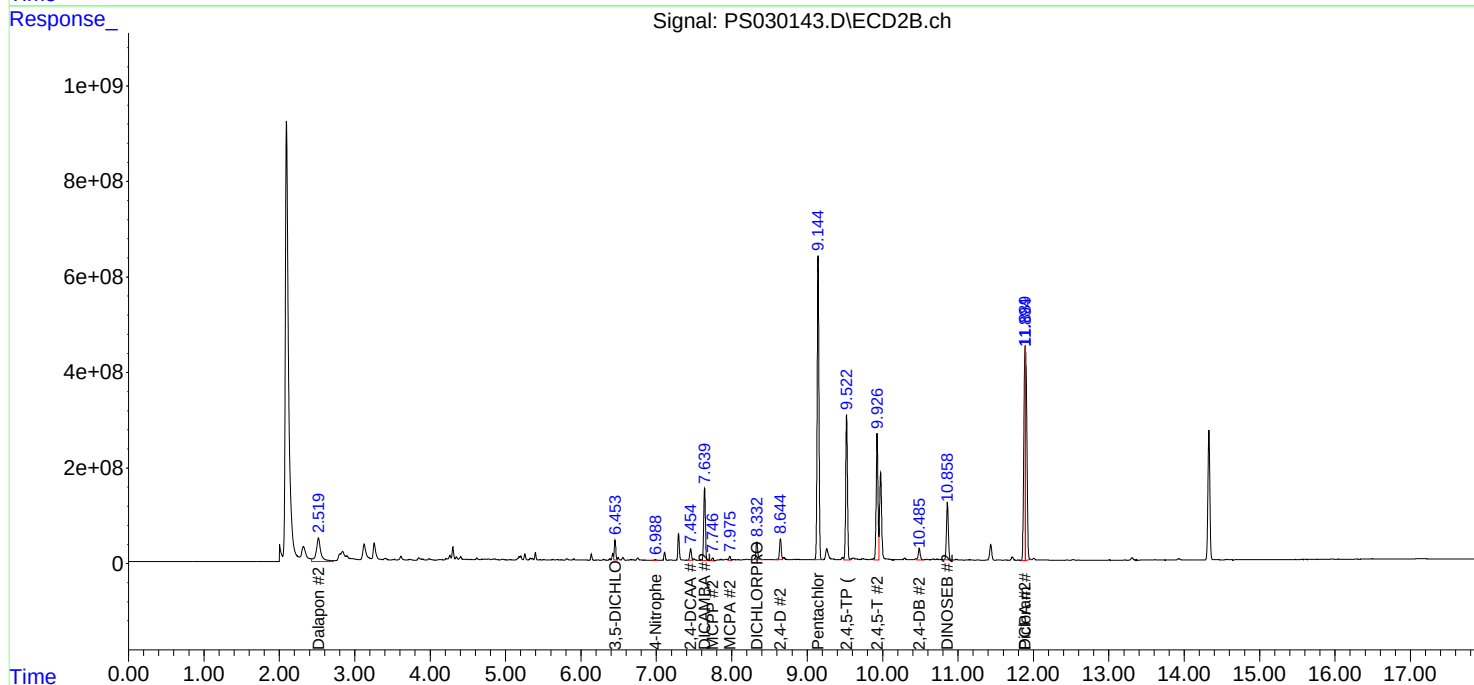
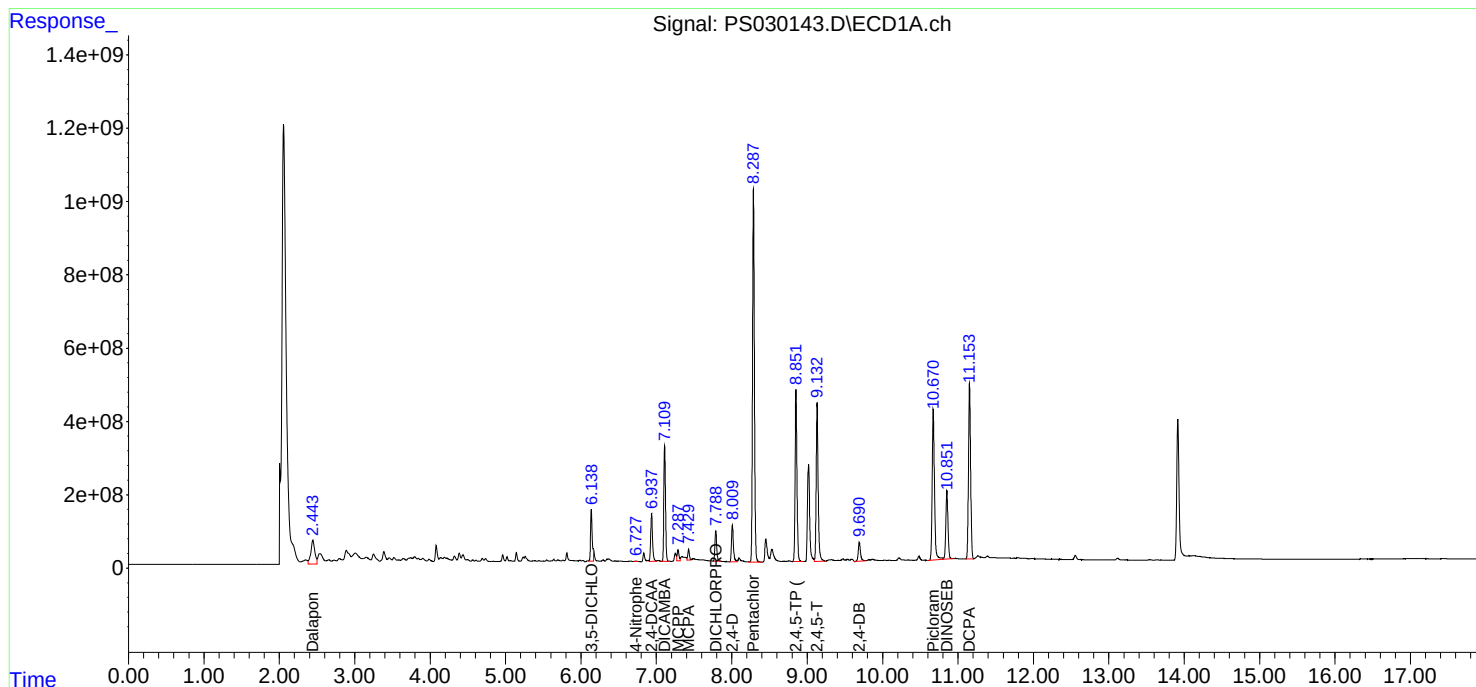
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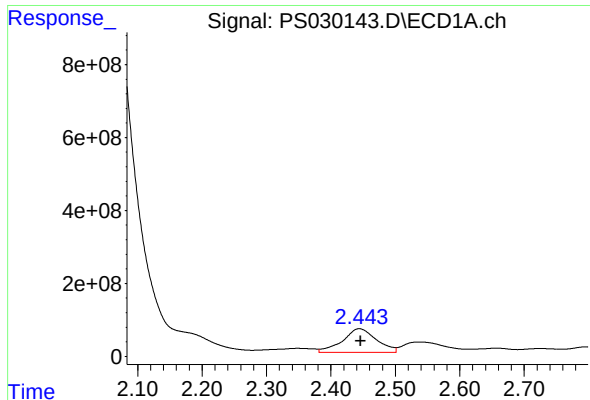
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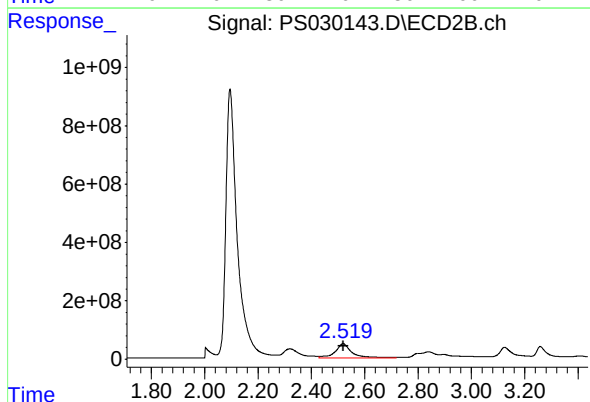
#1 Dalapon

R.T.: 2.444 min
Delta R.T.: -0.002 min
Response: 2392781944
Conc: 486.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP1MS

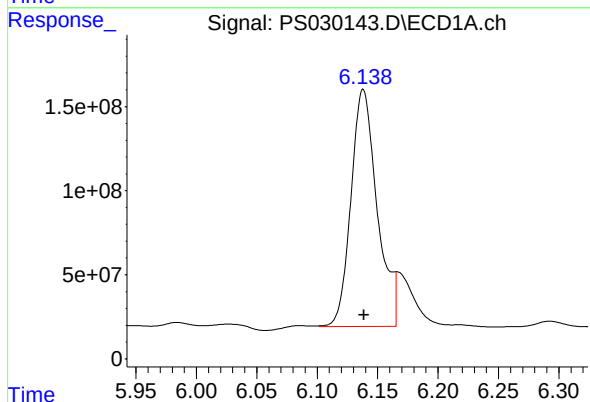
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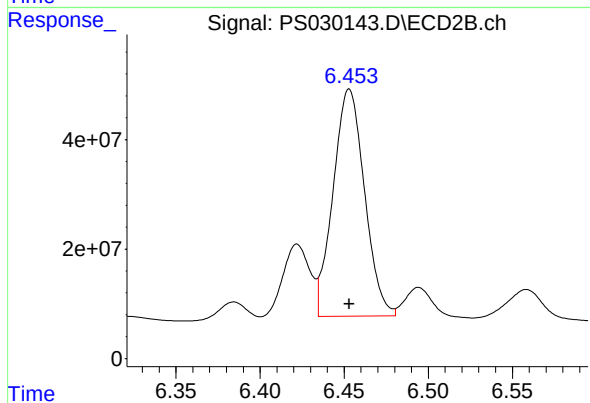
#1 Dalapon

R.T.: 2.519 min
Delta R.T.: -0.001 min
Response: 2118894792
Conc: 1043.25 ng/ml



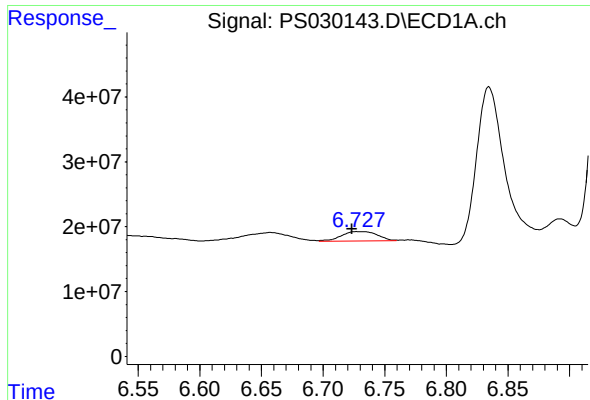
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.138 min
Delta R.T.: -0.001 min
Response: 2139969917
Conc: 513.11 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 537376132
Conc: 460.94 ng/ml m



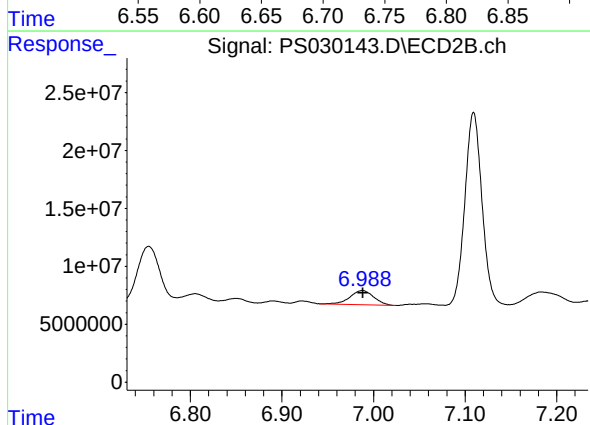
#3 4-Nitrophenol

R.T.: 6.727 min
Delta R.T.: 0.003 min
Response: 28958745
Conc: 14.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP1MS

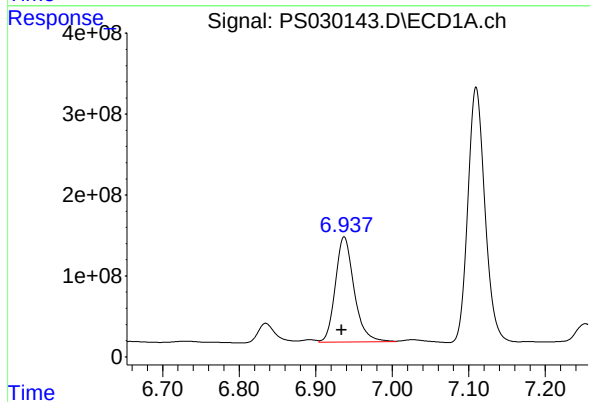
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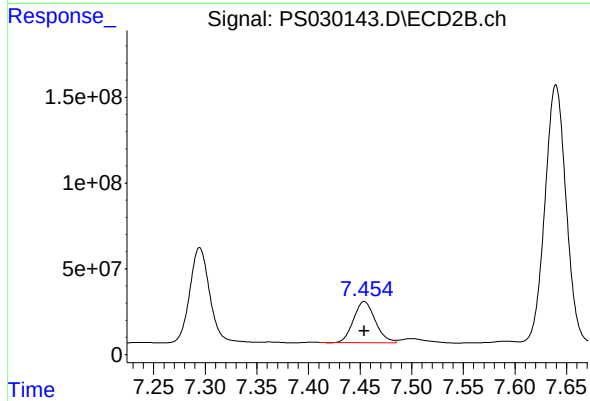
#3 4-Nitrophenol

R.T.: 6.988 min
Delta R.T.: 0.000 min
Response: 21823929
Conc: 20.90 ng/ml



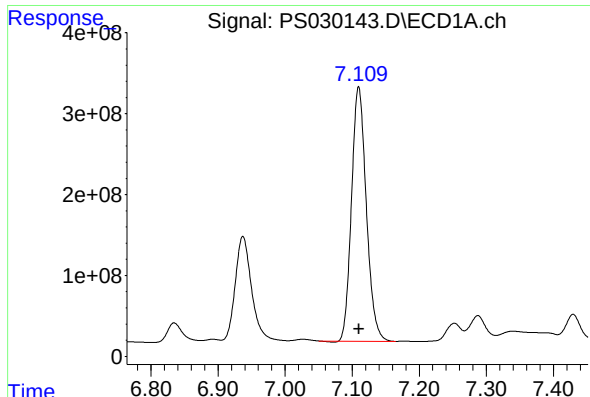
#4 2,4-DCAA

R.T.: 6.937 min
Delta R.T.: 0.003 min
Response: 2218822454
Conc: 779.13 ng/ml



#4 2,4-DCAA

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 351451123
Conc: 439.20 ng/ml



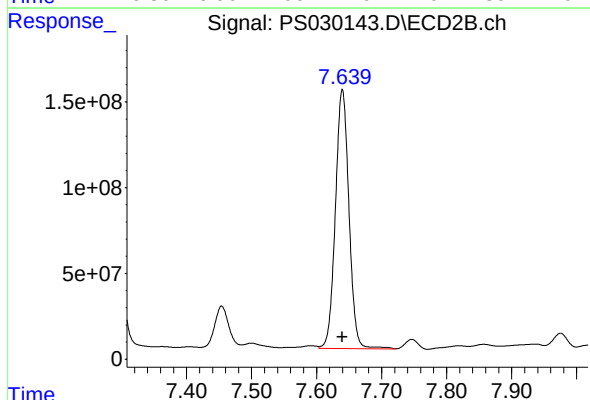
#5 DICAMBA

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 4813038989
Conc: 416.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP1MS

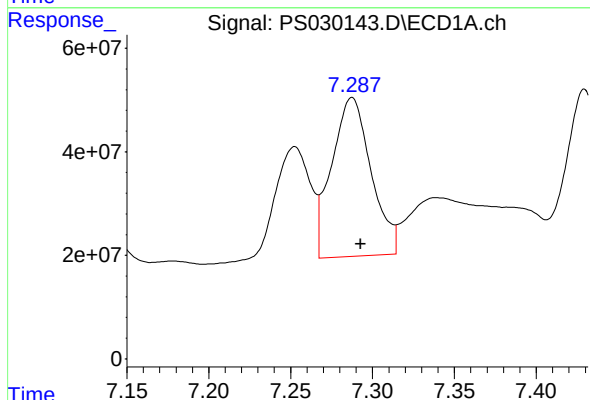
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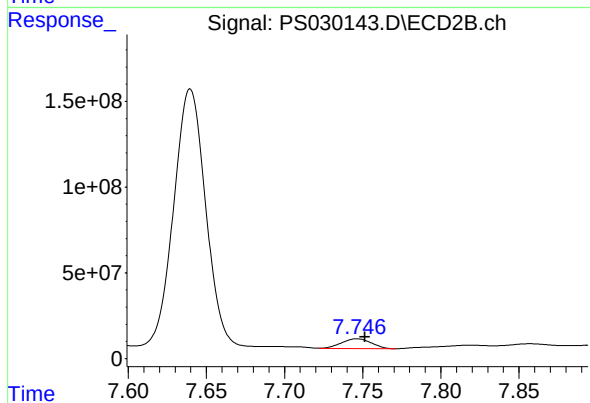
#5 DICAMBA

R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 2184415304
Conc: 462.02 ng/ml



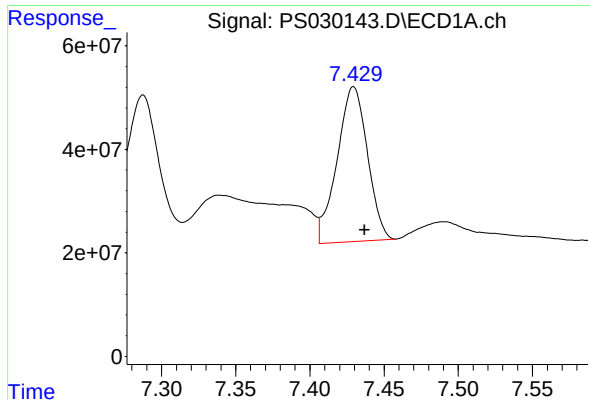
#6 MCPP

R.T.: 7.288 min
Delta R.T.: -0.005 min
Response: 514396538
Conc: 70.63 ug/ml



#6 MCPP

R.T.: 7.746 min
Delta R.T.: -0.005 min
Response: 76333837
Conc: 41.49 ug/ml



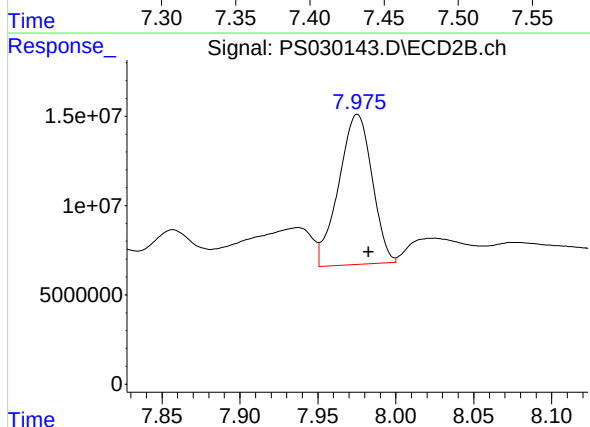
#7 MCPA

R.T.: 7.429 min
Delta R.T.: -0.007 min
Response: 426640726
Conc: 41.10 ug/ml

Instrument :
ECD_S
ClientSampleId :
COMP1MS

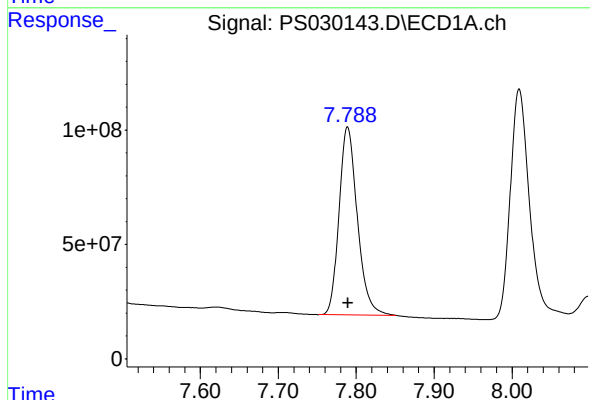
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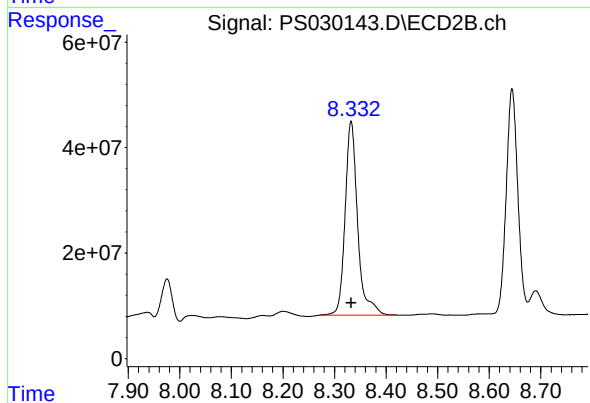
#7 MCPA

R.T.: 7.975 min
Delta R.T.: -0.007 min
Response: 125340411
Conc: 47.52 ug/ml



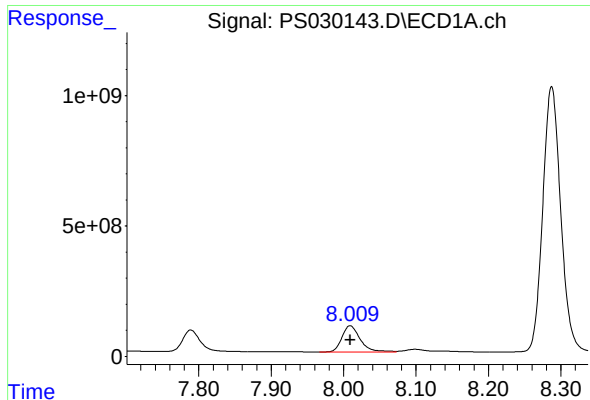
#8 DICHLORPROP

R.T.: 7.788 min
Delta R.T.: 0.000 min
Response: 1339833223
Conc: 458.64 ng/ml m



#8 DICHLORPROP

R.T.: 8.332 min
Delta R.T.: 0.000 min
Response: 622834626
Conc: 527.19 ng/ml



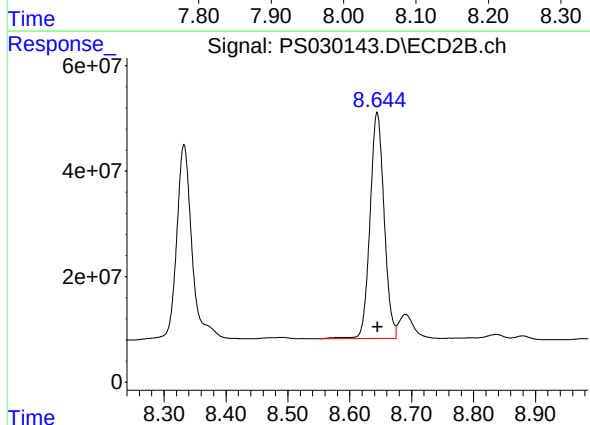
#9 2,4-D

R.T.: 8.009 min
Delta R.T.: 0.000 min
Response: 1764581533
Conc: 538.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP1MS

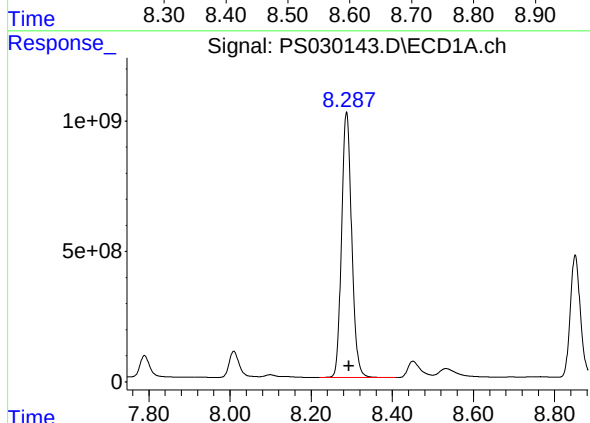
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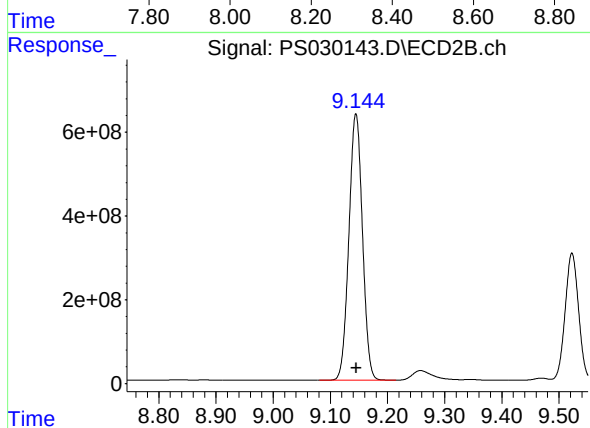
#9 2,4-D

R.T.: 8.644 min
Delta R.T.: 0.000 min
Response: 679657065
Conc: 526.66 ng/ml



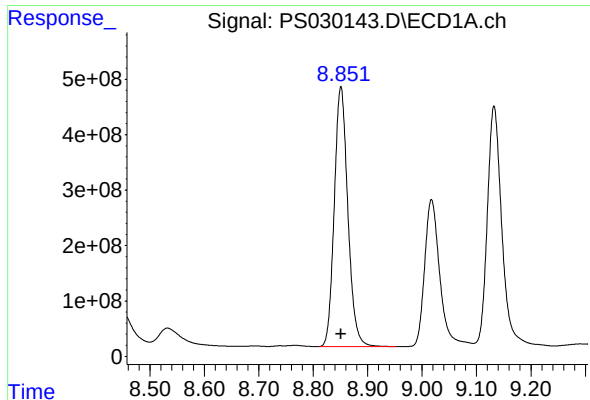
#10 Pentachlorophenol

R.T.: 8.287 min
Delta R.T.: -0.006 min
Response: 17563930611
Conc: 433.67 ng/ml



#10 Pentachlorophenol

R.T.: 9.145 min
Delta R.T.: 0.000 min
Response: 10500559863
Conc: 425.38 ng/ml



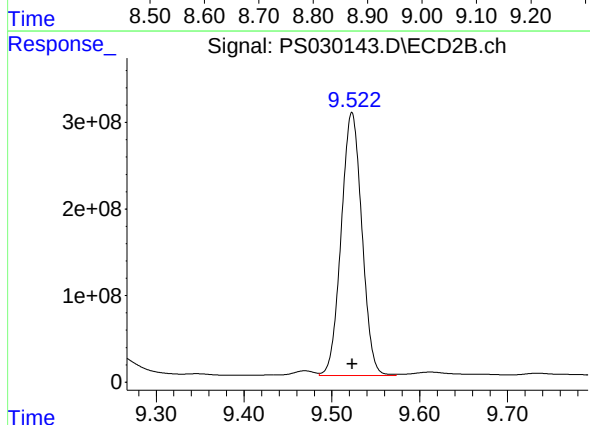
#11 2,4,5-TP (SILVEX)

R.T.: 8.851 min
Delta R.T.: 0.000 min
Response: 8121046678
Conc: 501.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP1MS

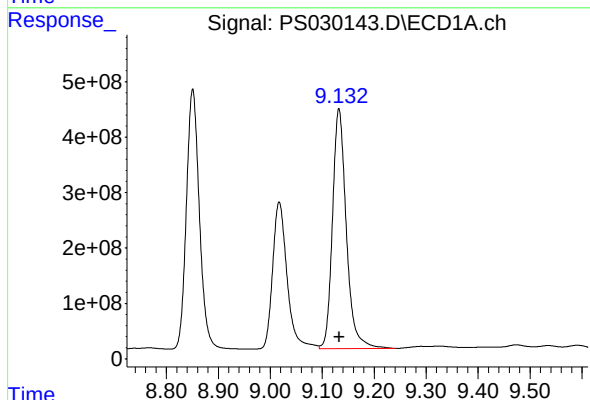
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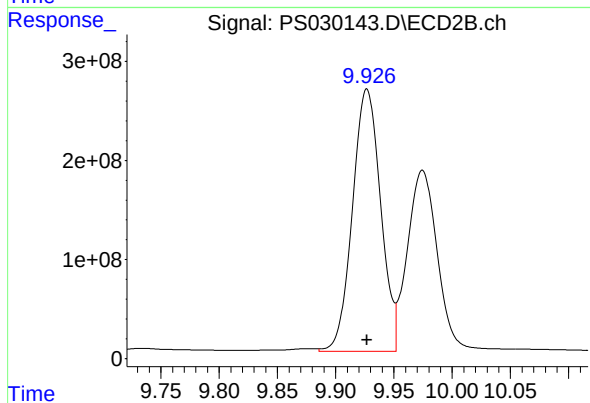
#11 2,4,5-TP (SILVEX)

R.T.: 9.523 min
Delta R.T.: 0.000 min
Response: 4976735071
Conc: 505.23 ng/ml



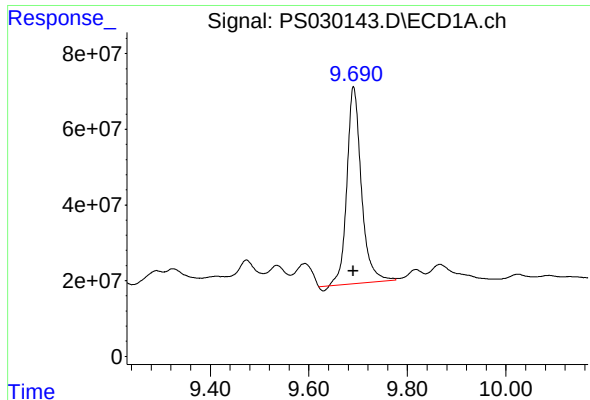
#12 2,4,5-T

R.T.: 9.132 min
Delta R.T.: 0.000 min
Response: 7996709560
Conc: 484.20 ng/ml



#12 2,4,5-T

R.T.: 9.927 min
Delta R.T.: 0.000 min
Response: 4454015534
Conc: 483.94 ng/ml



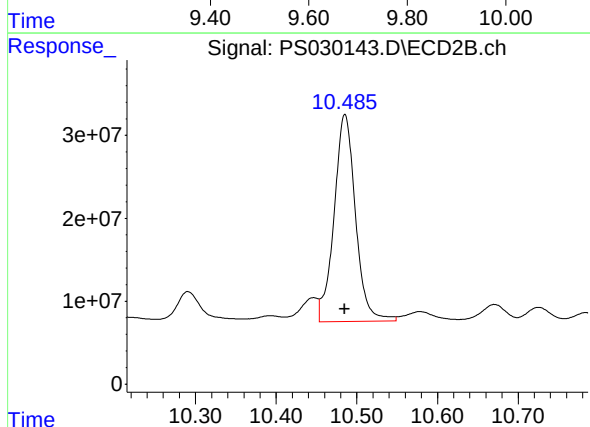
#13 2,4-DB

R.T.: 9.691 min
Delta R.T.: 0.000 min
Response: 1057228451
Conc: 405.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
COMP1MS

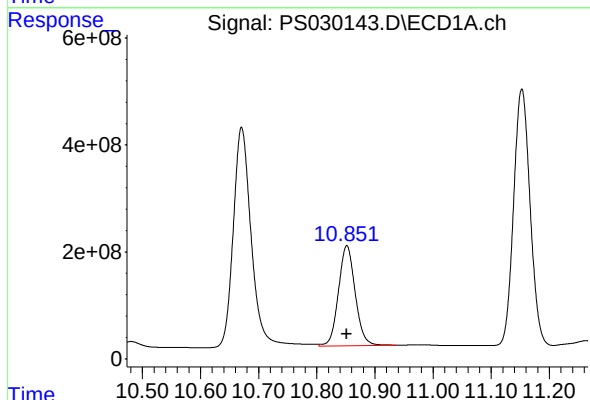
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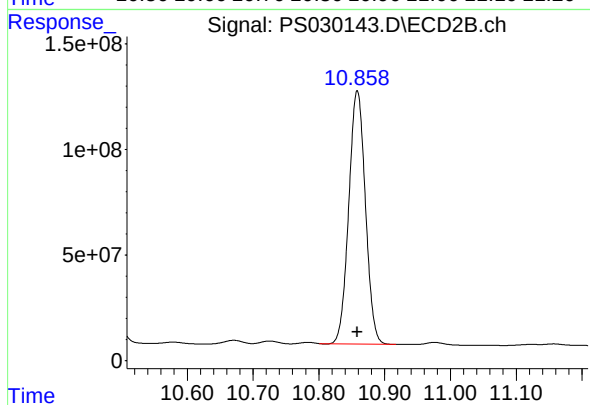
#13 2,4-DB

R.T.: 10.485 min
Delta R.T.: 0.000 min
Response: 461006763
Conc: 464.55 ng/ml



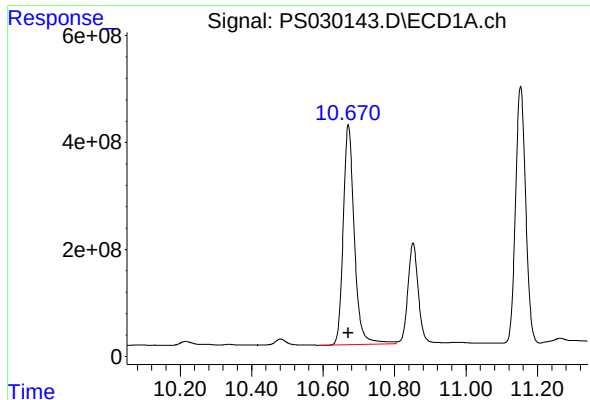
#14 DINOSEB

R.T.: 10.852 min
Delta R.T.: 0.000 min
Response: 3738312740
Conc: 326.88 ng/ml



#14 DINOSEB

R.T.: 10.858 min
Delta R.T.: 0.000 min
Response: 2100765393
Conc: 307.49 ng/ml



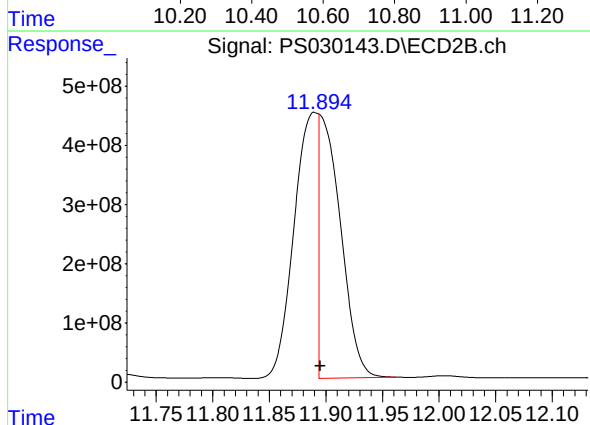
#15 Picloram

R.T.: 10.671 min
Delta R.T.: 0.000 min
Response: 8846254140
Conc: 413.63 ng/ml

Instrument :
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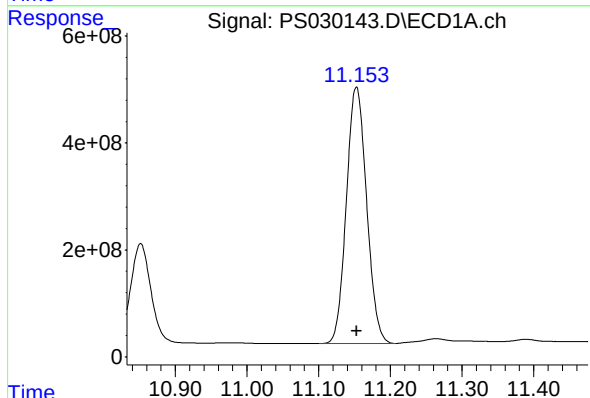
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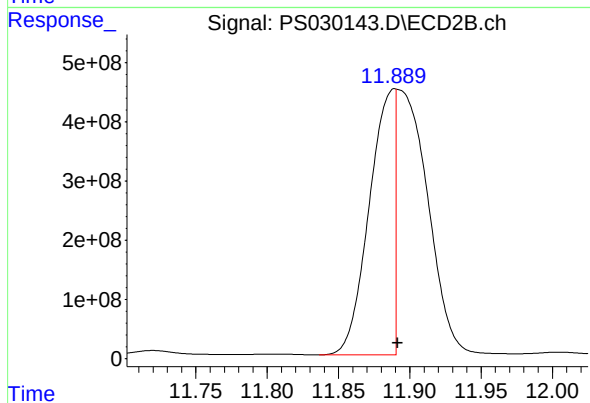
#15 Picloram

R.T.: 11.894 min
Delta R.T.: -0.001 min
Response: 5784992224
Conc: 411.07 ng/ml m



#16 DCPA

R.T.: 11.153 min
Delta R.T.: 0.000 min
Response: 9416207532
Conc: 472.90 ng/ml



#16 DCPA

R.T.: 11.889 min
Delta R.T.: -0.003 min
Response: 5676938119
Conc: 420.19 ng/ml m