

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
 Data File : PS030577.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 18:41
 Operator : AR\AJ
 Sample : Q2130-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-3MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/10/2025
 Supervised By : mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 02:56:02 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 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	7.360	7.768	951.2E6	226.3E6	251.970	210.389m
Target Compounds							
1) T	Dalapon	2.706	2.701	423.4E6	1701.5E6	74.973m	621.000 #
2) T	3,5-DICHL...	6.518	6.713	1294.6E6	365.4E6	238.585	233.579m
3) T	4-Nitroph...	7.159	7.300	376.7E6	334.8E6	205.446	213.611
5) T	DICAMBA	7.551	7.972	3465.6E6	1367.5E6	224.711	212.292m
6) T	MCP	7.730	8.069	172.3E6	37292474	17.395m	16.133
7) T	MCPA	7.881	8.315	242.8E6	63050131	19.137	20.432m
8) T	DICHLORPROP	8.267	8.692	918.7E6	368.2E6	252.512	248.064
9) T	2,4-D	8.499	9.028	983.1E6	361.0E6	269.802	229.588
10) T	Pentachlo...	8.808	9.554	12803.2E6	8135.5E6	252.099	225.122
11) T	2,4,5-TP ...	9.390	9.935	4944.6E6	3455.9E6	239.273	251.945
12) T	2,4,5-T	9.685	10.360	3991.6E6	2908.9E6	216.570	222.786
13) T	2,4-DB	10.265	10.927	384.8E6	234.1E6	126.719m	203.640 #
14) T	DINOSEB	11.486	11.315	637.2E6	553.2E6	44.326	55.045
15) T	Picloram	11.291	12.422	3268.1E6	3660.6E6	163.367m	165.760m
16) T	DCPA	11.780	12.358	4928.4E6	4615.7E6	186.400	225.564m

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

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Acq On : 09 Jun 2025 18:41
Operator : AR\AJ
Sample : Q2130-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

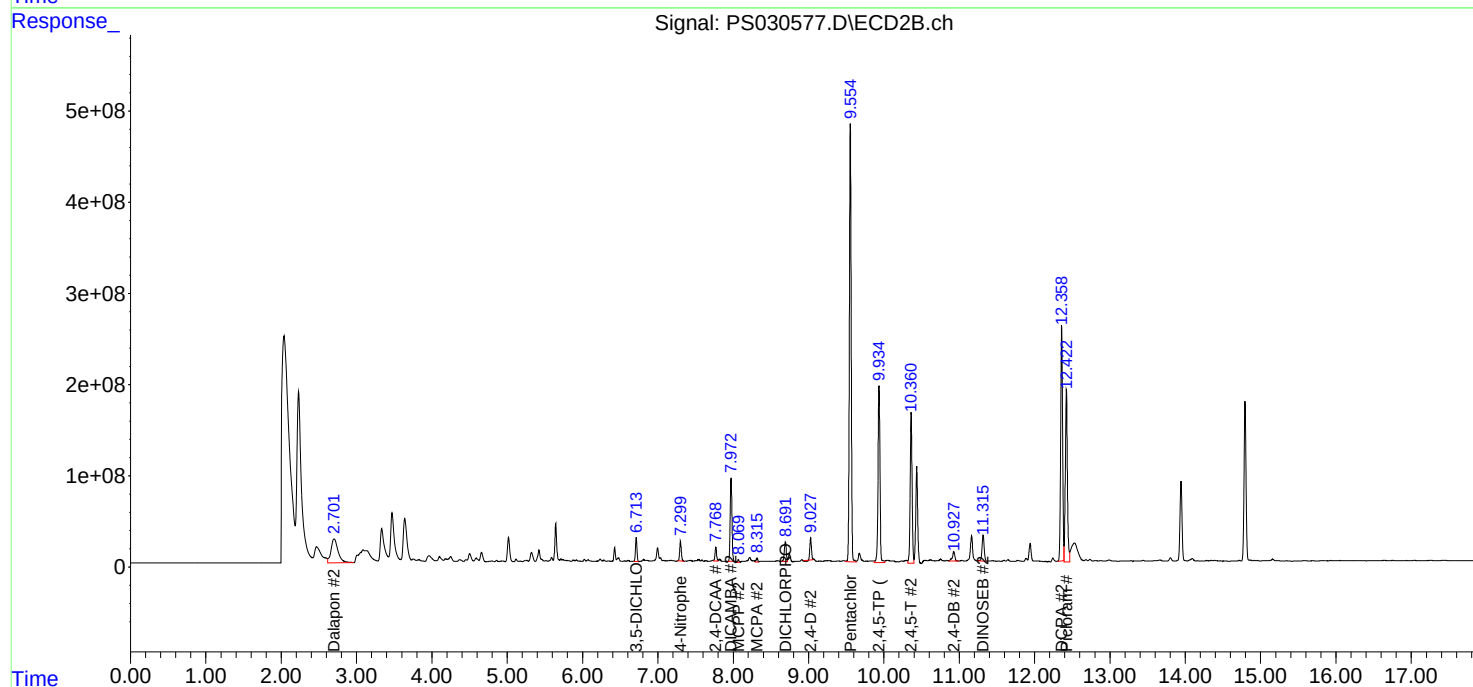
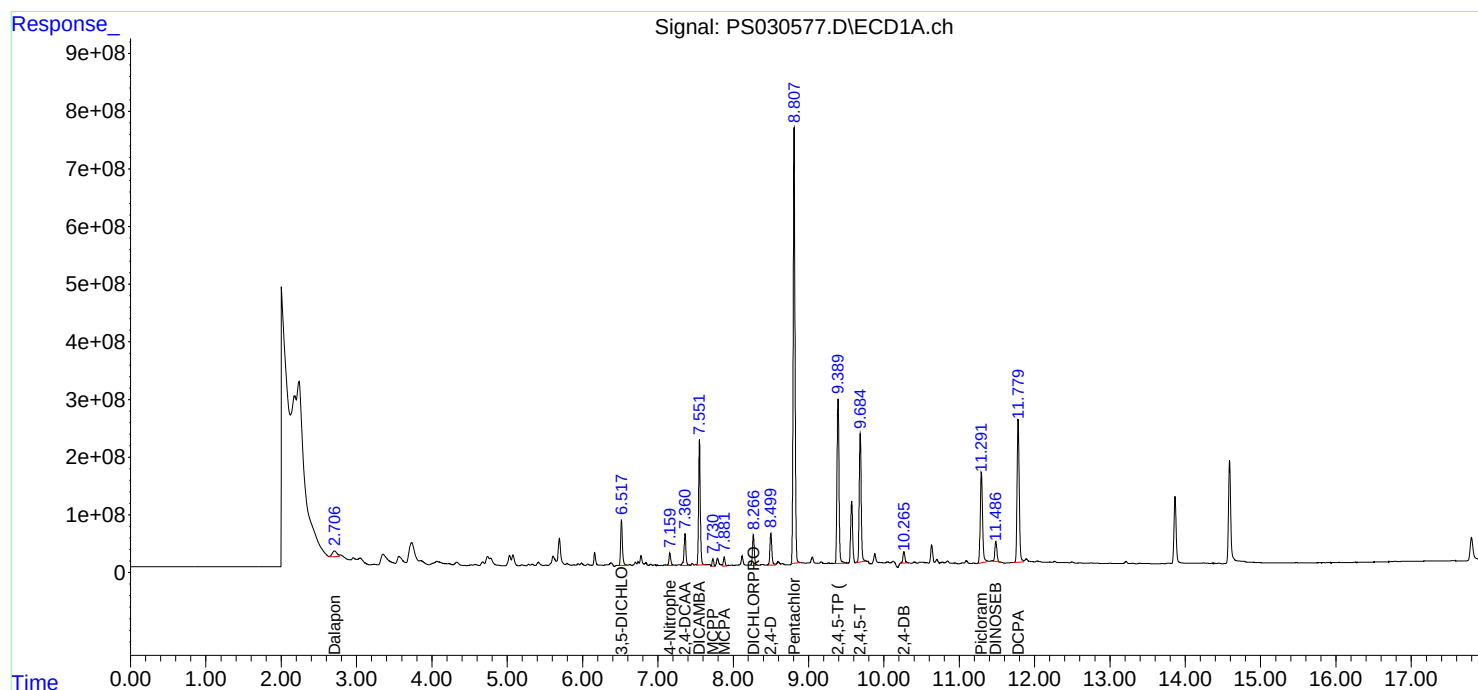
Instrument :
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ClientSampleId :
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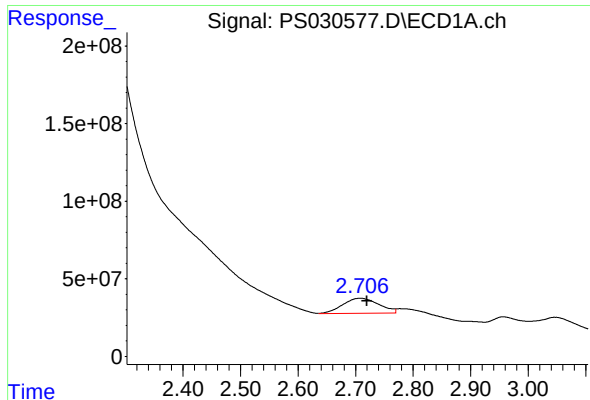
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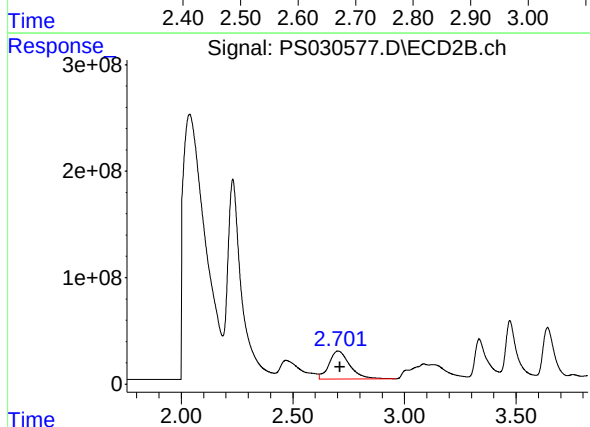
#1 Dalapon

R.T.: 2.706 min
Delta R.T.: -0.014 min
Response: 423372527
Conc: 74.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-3MS

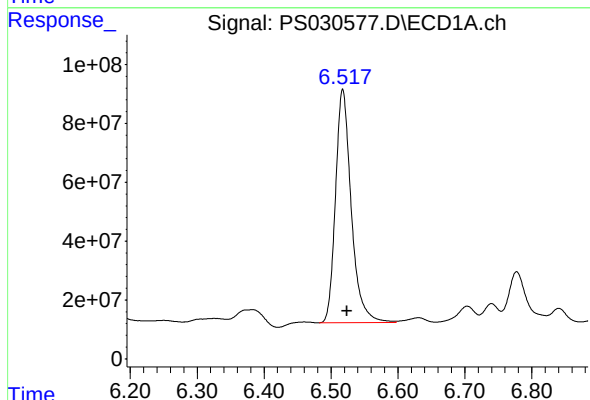
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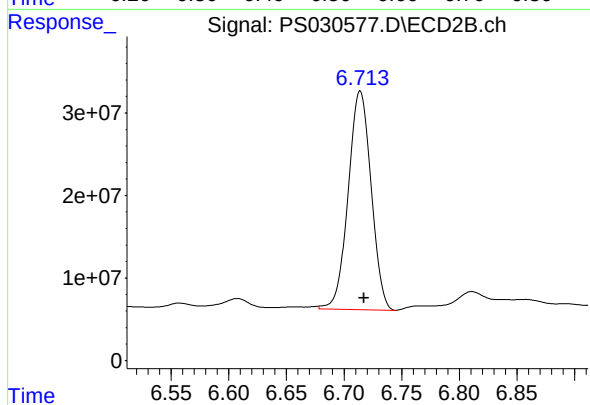
#1 Dalapon

R.T.: 2.701 min
Delta R.T.: -0.009 min
Response: 1701548027
Conc: 621.00 ng/ml



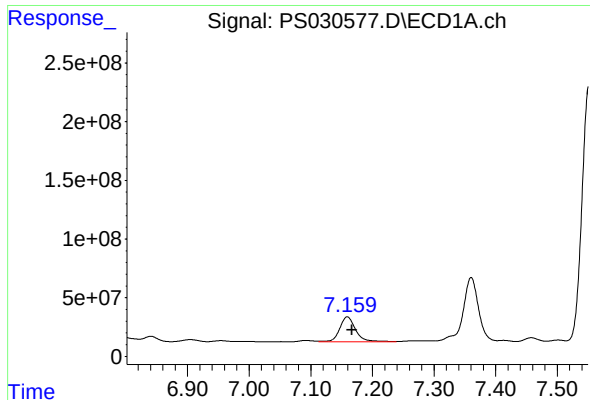
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.518 min
Delta R.T.: -0.007 min
Response: 1294646061
Conc: 238.59 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: -0.004 min
Response: 365375125
Conc: 233.58 ng/ml m



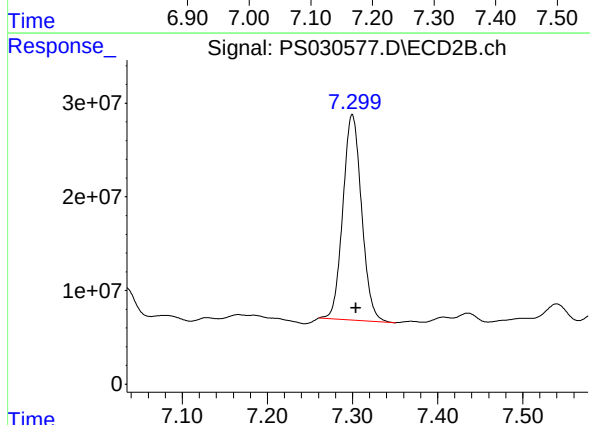
#3 4-Nitrophenol

R.T.: 7.159 min
Delta R.T.: -0.007 min
Response: 376737754
Conc: 205.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-3MS

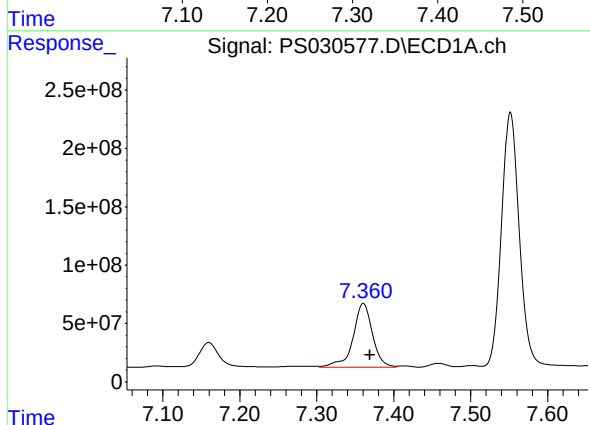
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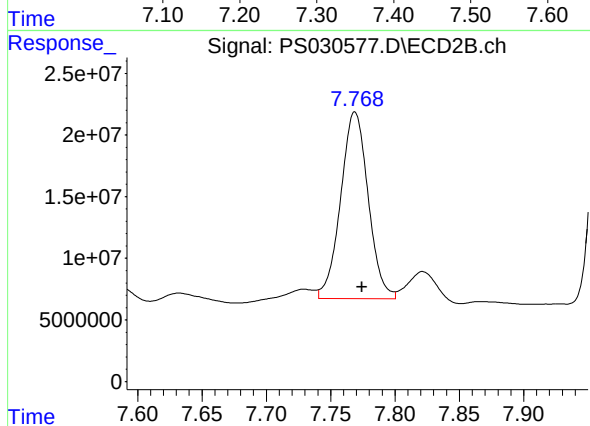
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: -0.004 min
Response: 334780291
Conc: 213.61 ng/ml



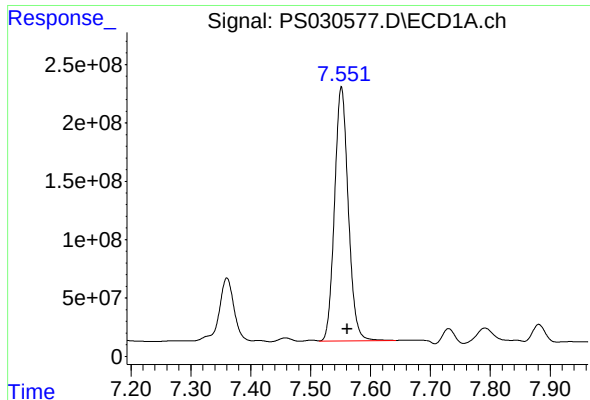
#4 2,4-DCAA

R.T.: 7.360 min
Delta R.T.: -0.009 min
Response: 951222913
Conc: 251.97 ng/ml



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: -0.006 min
Response: 226296832
Conc: 210.39 ng/ml m



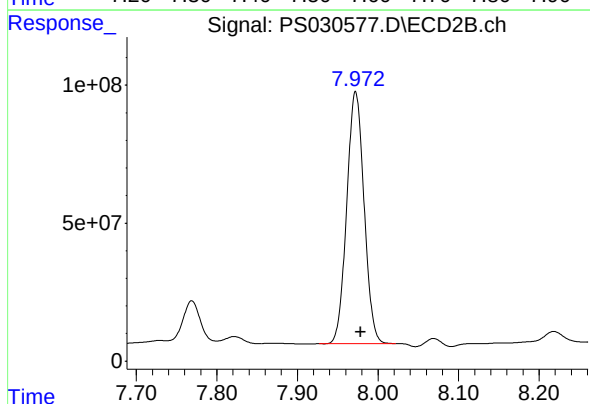
#5 DICAMBA

R.T.: 7.551 min
Delta R.T.: -0.010 min
Response: 3465620471
Conc: 224.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-3MS

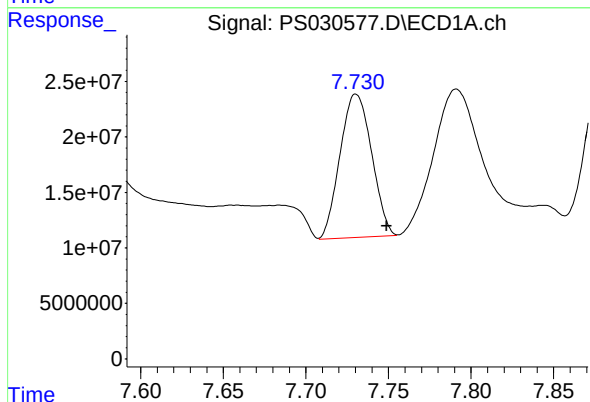
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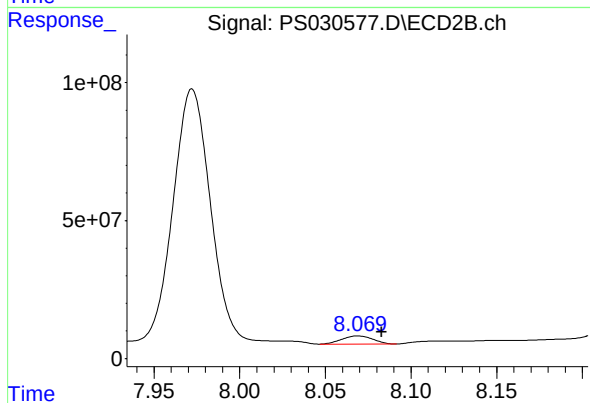
#5 DICAMBA

R.T.: 7.972 min
Delta R.T.: -0.007 min
Response: 1367513442
Conc: 212.29 ng/ml m



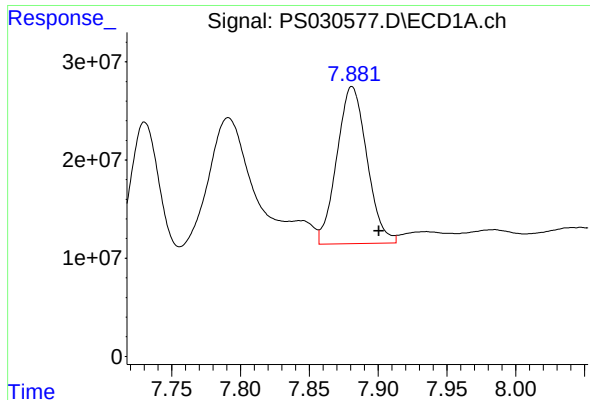
#6 MCPP

R.T.: 7.730 min
Delta R.T.: -0.019 min
Response: 172294927
Conc: 17.39 ug/ml m



#6 MCPP

R.T.: 8.069 min
Delta R.T.: -0.014 min
Response: 37292474
Conc: 16.13 ug/ml



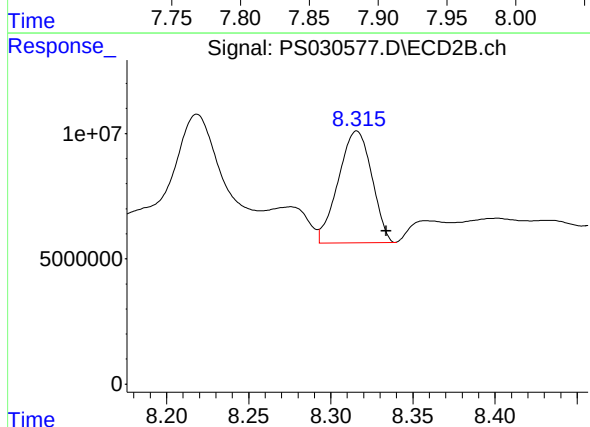
#7 MCPA

R.T.: 7.881 min
Delta R.T.: -0.020 min
Response: 242841026
Conc: 19.14 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-3MS

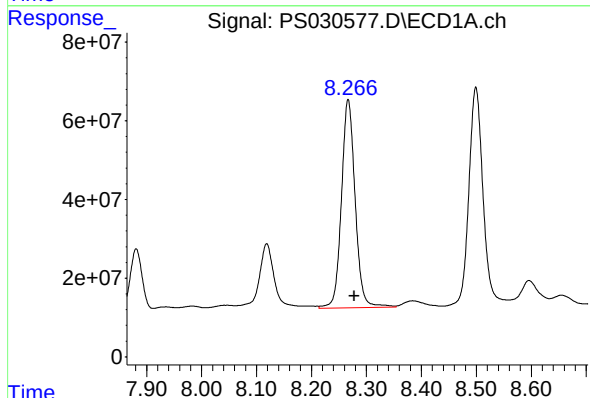
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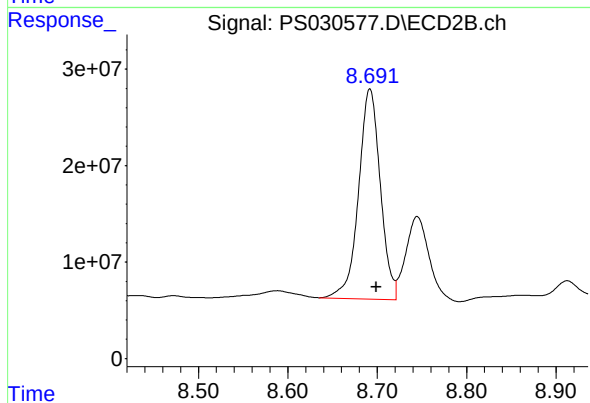
#7 MCPA

R.T.: 8.315 min
Delta R.T.: -0.018 min
Response: 63050131
Conc: 20.43 ug/ml



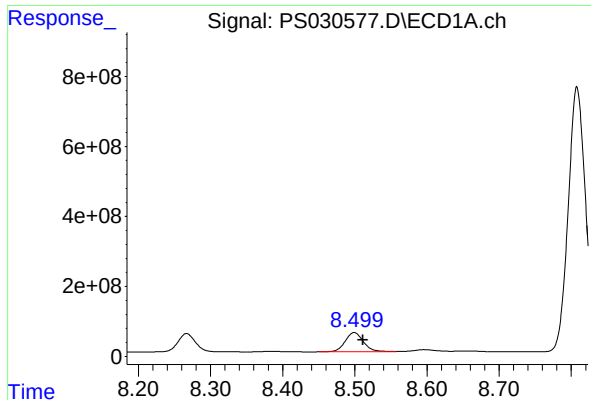
#8 DICHLORPROP

R.T.: 8.267 min
Delta R.T.: -0.011 min
Response: 918675000
Conc: 252.51 ng/ml



#8 DICHLORPROP

R.T.: 8.692 min
Delta R.T.: -0.007 min
Response: 368176792
Conc: 248.06 ng/ml



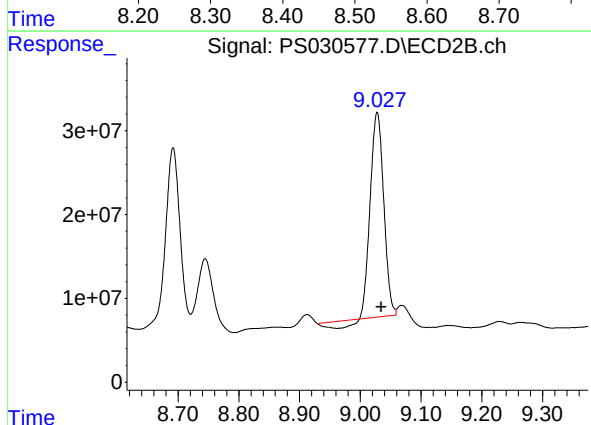
#9 2,4-D

R.T.: 8.499 min
Delta R.T.: -0.012 min
Response: 983052092
Conc: 269.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-3MS

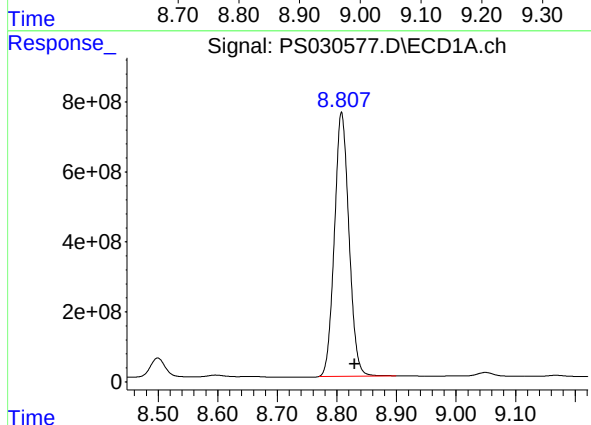
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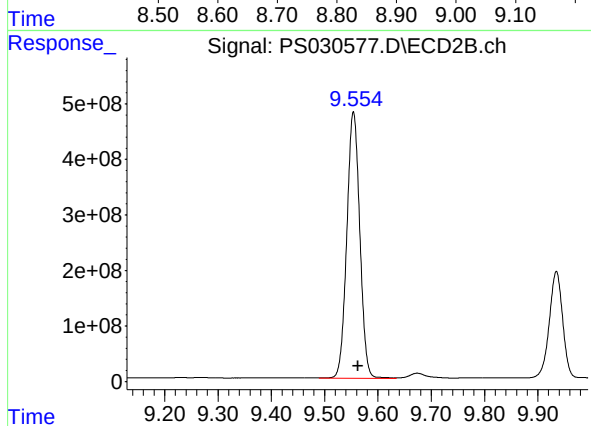
#9 2,4-D

R.T.: 9.028 min
Delta R.T.: -0.007 min
Response: 360986136
Conc: 229.59 ng/ml



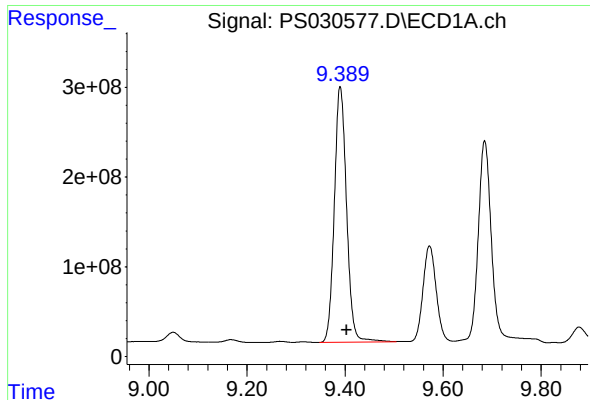
#10 Pentachlorophenol

R.T.: 8.808 min
Delta R.T.: -0.022 min
Response: 12803163159
Conc: 252.10 ng/ml



#10 Pentachlorophenol

R.T.: 9.554 min
Delta R.T.: -0.009 min
Response: 8135451516
Conc: 225.12 ng/ml



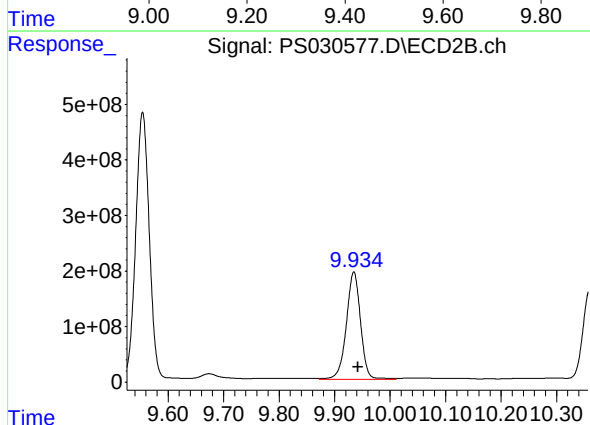
#11 2,4,5-TP (SILVEX)

R.T.: 9.390 min
Delta R.T.: -0.013 min
Response: 4944589021
Conc: 239.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-3MS

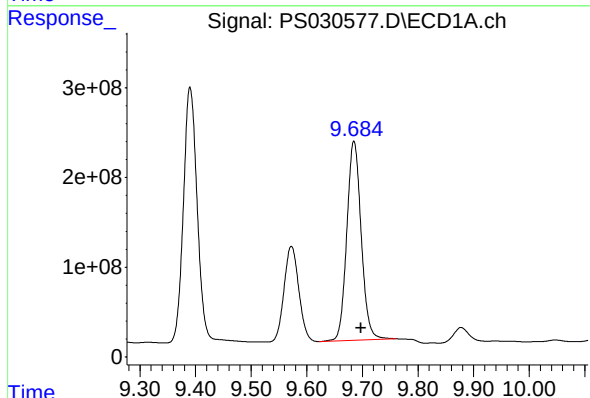
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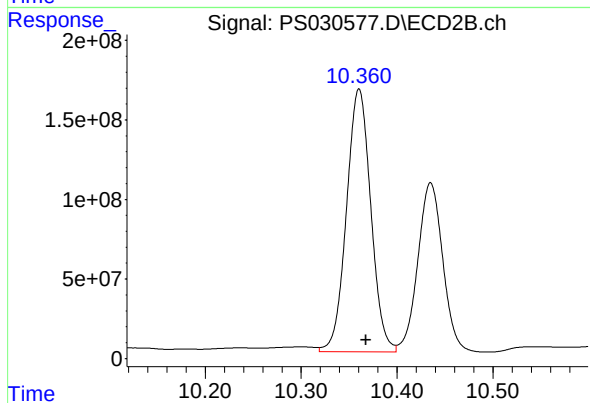
#11 2,4,5-TP (SILVEX)

R.T.: 9.935 min
Delta R.T.: -0.008 min
Response: 3455858120
Conc: 251.94 ng/ml



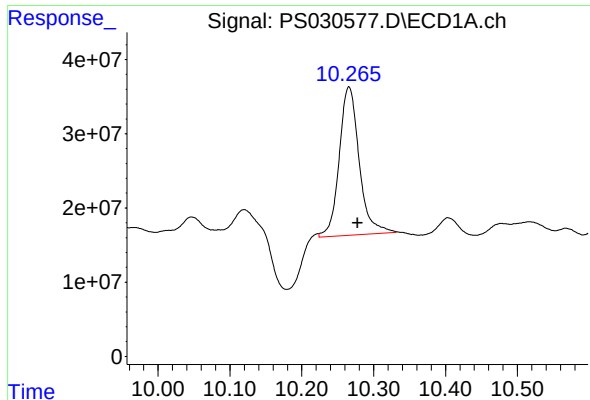
#12 2,4,5-T

R.T.: 9.685 min
Delta R.T.: -0.012 min
Response: 3991615795
Conc: 216.57 ng/ml



#12 2,4,5-T

R.T.: 10.360 min
Delta R.T.: -0.007 min
Response: 2908946189
Conc: 222.79 ng/ml



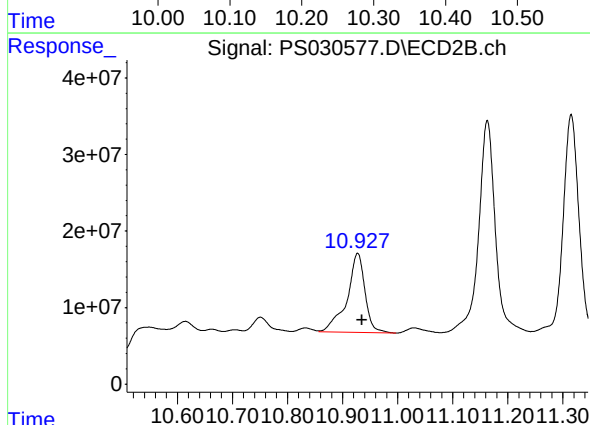
#13 2,4-DB

R.T.: 10.265 min
Delta R.T.: -0.012 min
Response: 384764833
Conc: 126.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-3MS

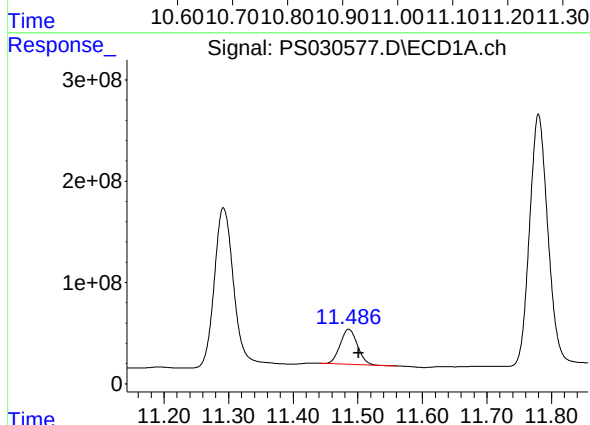
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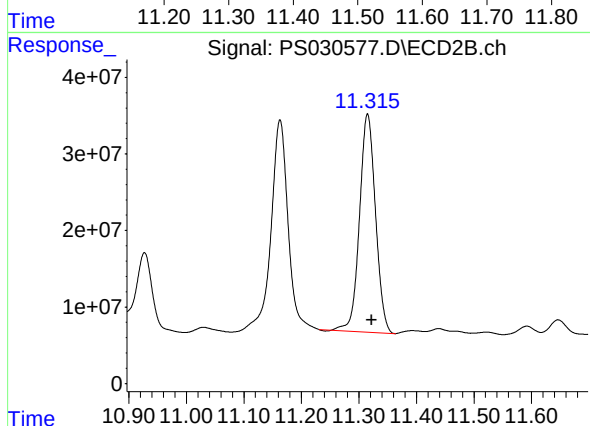
#13 2,4-DB

R.T.: 10.927 min
Delta R.T.: -0.008 min
Response: 234095345
Conc: 203.64 ng/ml



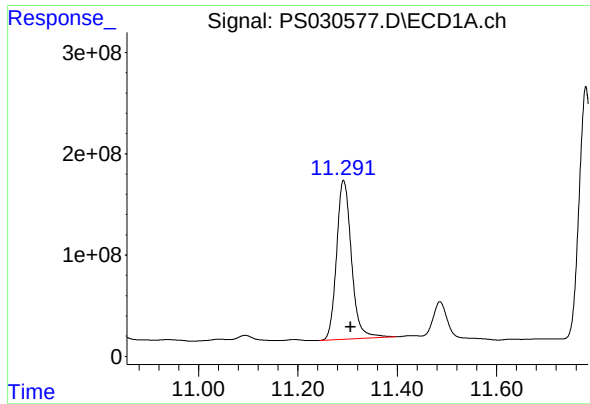
#14 DINOSEB

R.T.: 11.486 min
Delta R.T.: -0.015 min
Response: 637189277
Conc: 44.33 ng/ml



#14 DINOSEB

R.T.: 11.315 min
Delta R.T.: -0.007 min
Response: 553205365
Conc: 55.04 ng/ml



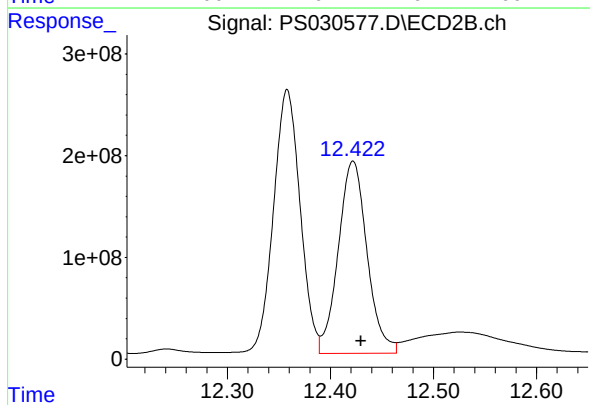
#15 Picloram

R.T.: 11.291 min
Delta R.T.: -0.015 min
Response: 3268119339
Conc: 163.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-3MS

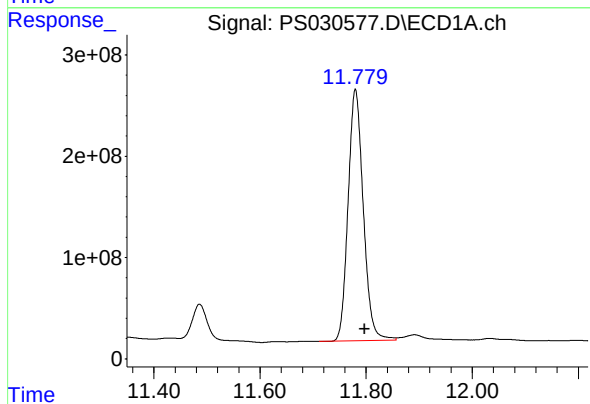
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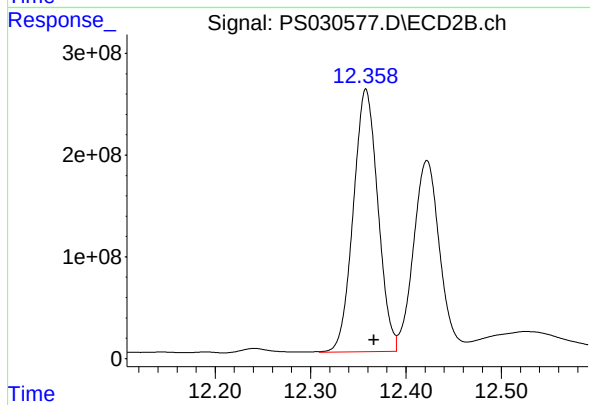
#15 Picloram

R.T.: 12.422 min
Delta R.T.: -0.008 min
Response: 3660628269
Conc: 165.76 ng/ml m



#16 DCPA

R.T.: 11.780 min
Delta R.T.: -0.017 min
Response: 4928435004
Conc: 186.40 ng/ml



#16 DCPA

R.T.: 12.358 min
Delta R.T.: -0.009 min
Response: 4615700297
Conc: 225.56 ng/ml m