

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102725\
 Data File : PS032178.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Oct 2025 19:33
 Operator : AR\AJ
 Sample : Q3439-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-9MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/28/2025
 Supervised By : mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 06:22:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS102725.M
 Quant Title : 8080.M
 QLast Update : Tue Oct 28 04:40:54 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	7.273	7.736	2264.9E6	511.6E6	523.836	467.880m
Target Compounds							
1) T	Dalapon	2.645	2.684	4448.4E6	2581.1E6	616.880	701.776
2) T	3,5-DICHL...	6.444	6.693	1336.6E6	326.9E6	211.390	173.716m
3) T	4-Nitroph...	7.077	7.307	87445142	23409032	80.591m	14.757m#
5) T	DICAMBA	7.456	7.933	3567.0E6	1688.4E6	193.088	206.765m
6) T	MCPD	7.631	8.028	150.8E6	25549006	14.005	9.990 #
7) T	MCPA	7.781	8.274	289.8E6	44333180	22.258	12.660 #
8) T	DICHLORPROP	8.165	8.653	1023.2E6	393.7E6	235.241	214.267
9) T	2,4-D	8.404	8.999	794.3E6	416.0E6	191.707m	215.470
10) T	Pentachlo...	8.693	9.502	8109.8E6	5418.9E6	131.432	111.582
11) T	2,4,5-TP ...	9.272	9.885	5642.8E6	4401.2E6	228.609	232.846m
12) T	2,4,5-T	9.570	10.318	4617.4E6	3376.6E6	221.664m	209.377m
13) T	2,4-DB	10.149	10.888	478.6E6	230.7E6	207.955m	167.226
15) T	Picloram	11.178	12.387	2700.6E6	3770.8E6	143.405m	129.718
16) T	DCPA	11.631	12.297	5234.0E6	6647.3E6	163.355	213.466m#

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

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Acq On : 27 Oct 2025 19:33
Operator : AR\AJ
Sample : Q3439-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

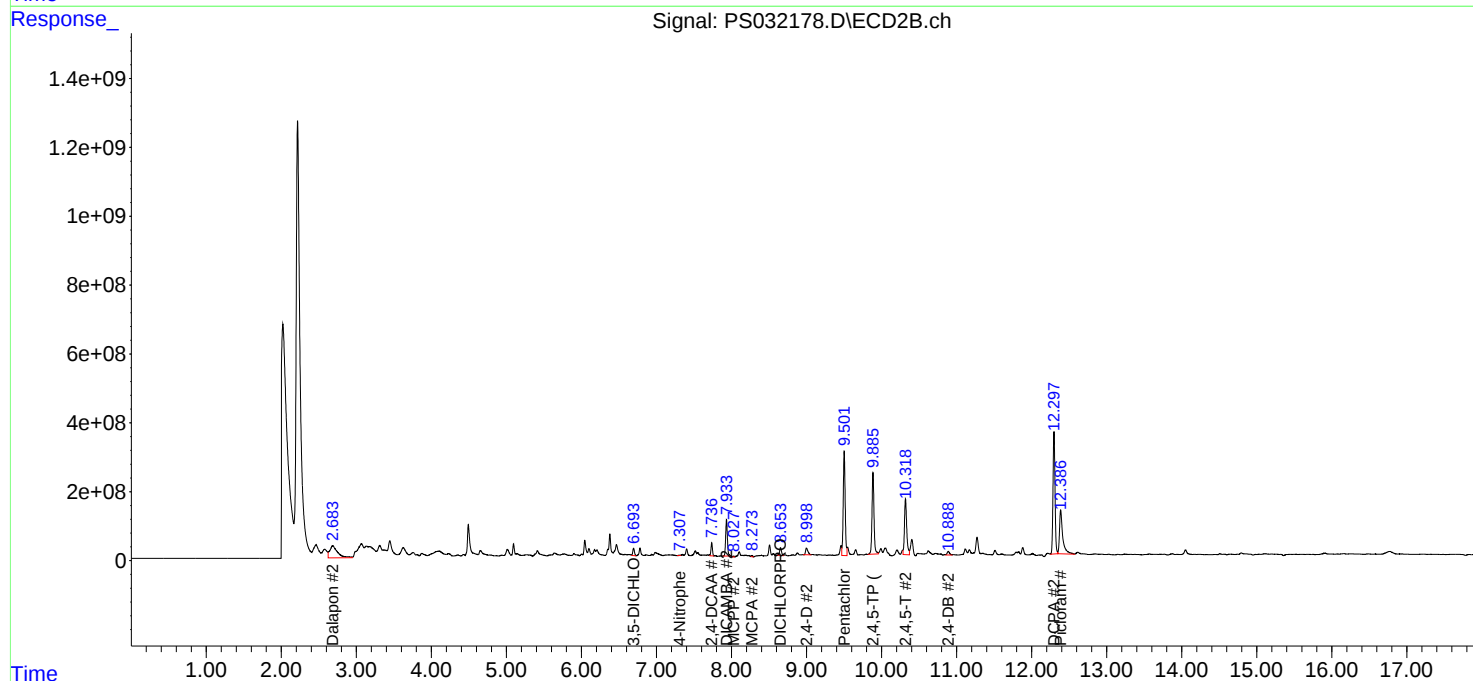
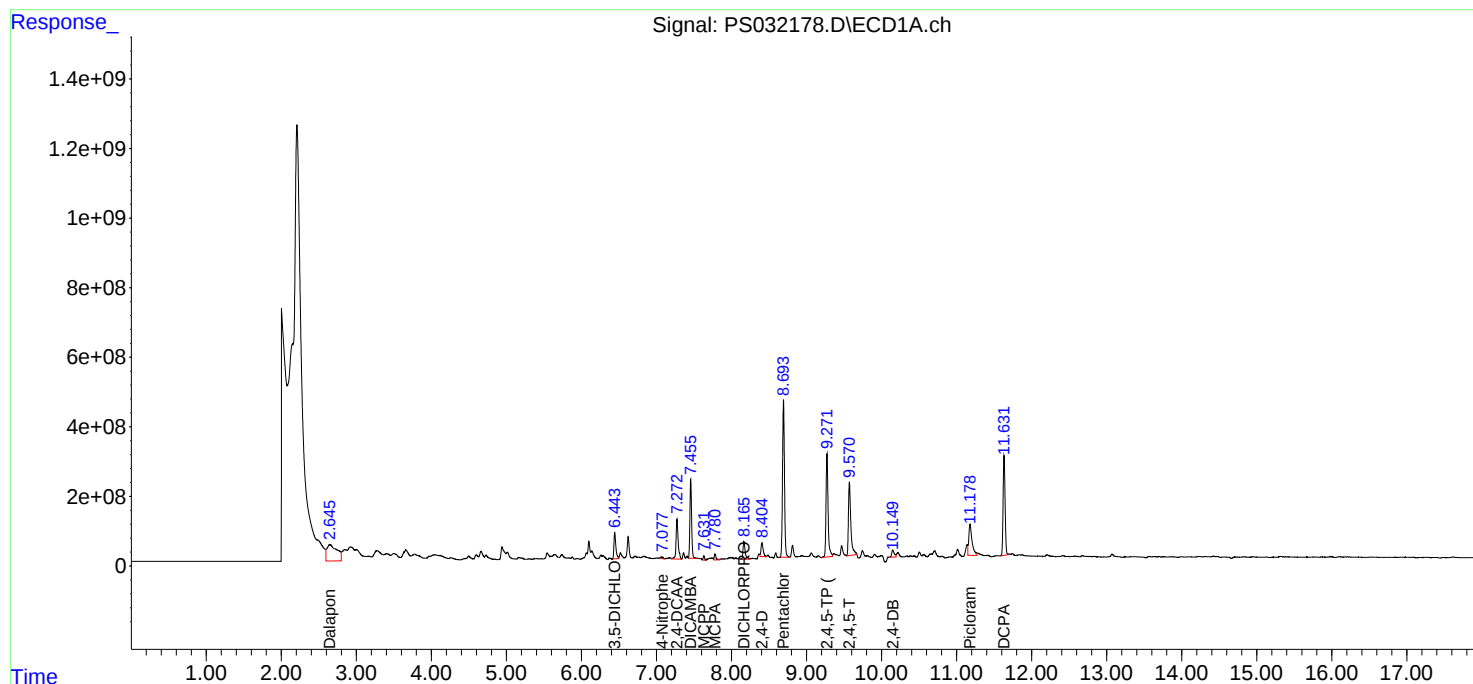
Instrument :
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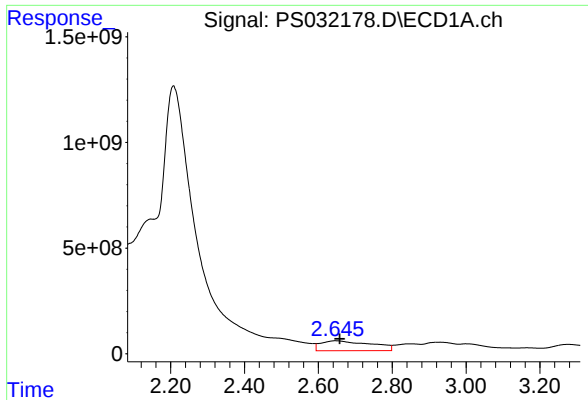
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Integration File signal 1: autoint1.e
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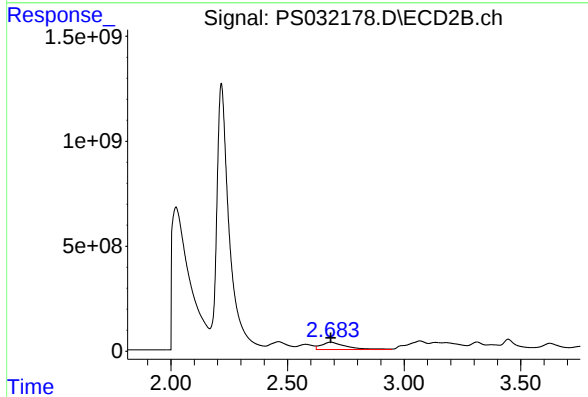
#1 Dalapon

R.T.: 2.645 min
Delta R.T.: -0.013 min
Response: 4448404613
Conc: 616.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-9MSD

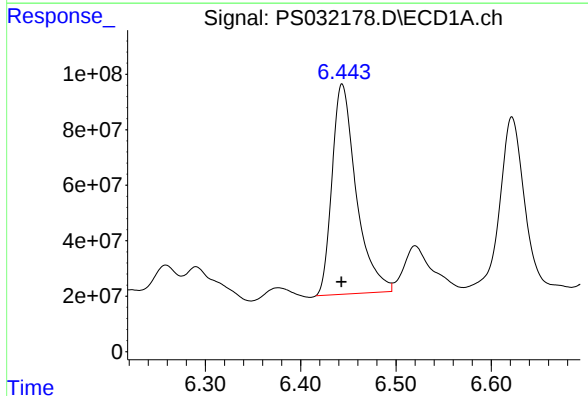
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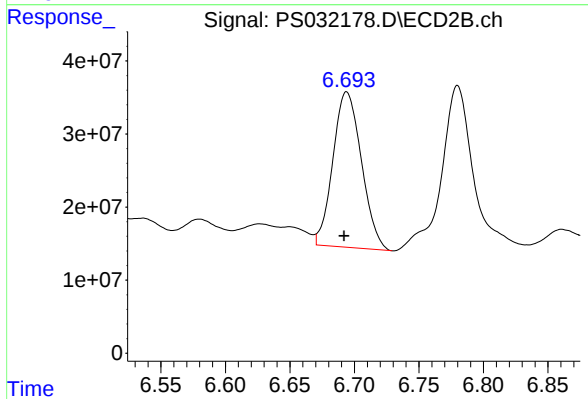
#1 Dalapon

R.T.: 2.684 min
Delta R.T.: 0.000 min
Response: 2581114785
Conc: 701.78 ng/ml



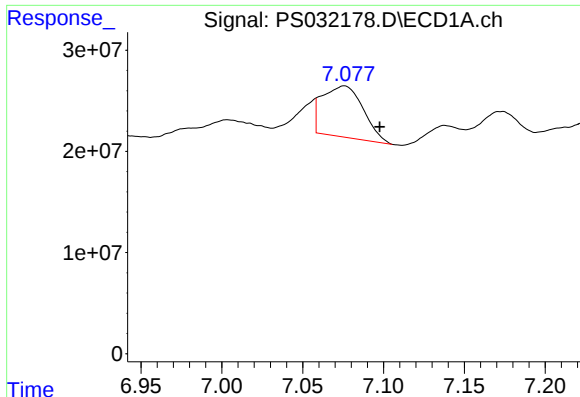
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 1336602090
Conc: 211.39 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.693 min
Delta R.T.: 0.001 min
Response: 326930024
Conc: 173.72 ng/ml m



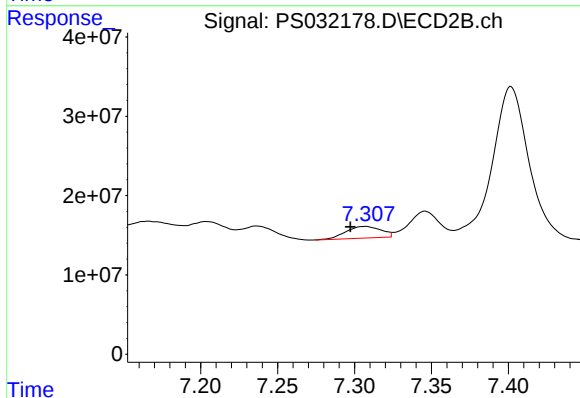
#3 4-Nitrophenol

R.T.: 7.077 min
Delta R.T.: -0.021 min
Response: 87445142
Conc: 80.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-9MSD

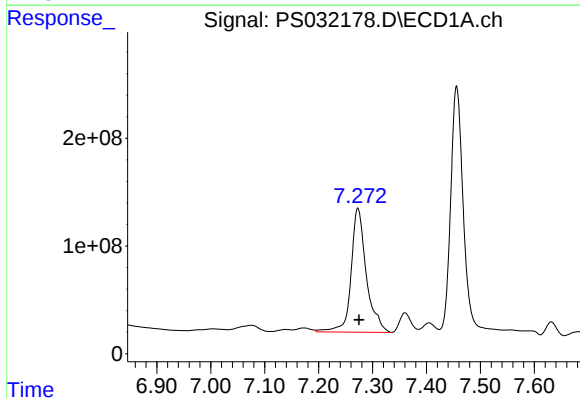
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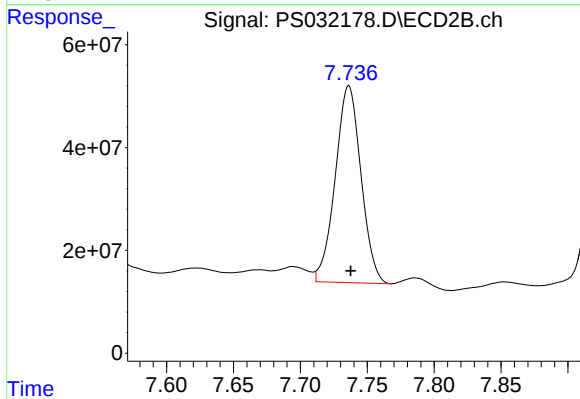
#3 4-Nitrophenol

R.T.: 7.307 min
Delta R.T.: 0.010 min
Response: 23409032
Conc: 14.76 ng/ml m



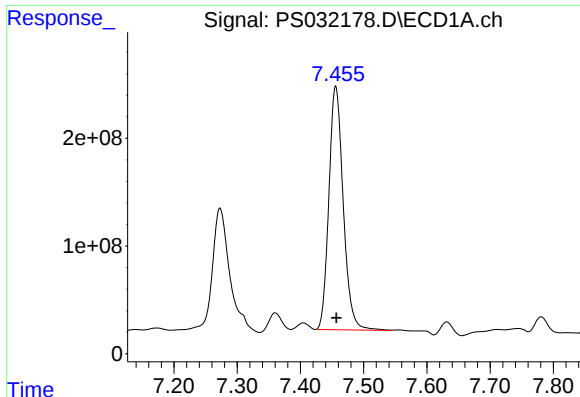
#4 2,4-DCAA

R.T.: 7.273 min
Delta R.T.: -0.002 min
Response: 2264891547
Conc: 523.84 ng/ml



#4 2,4-DCAA

R.T.: 7.736 min
Delta R.T.: -0.002 min
Response: 511643127
Conc: 467.88 ng/ml m



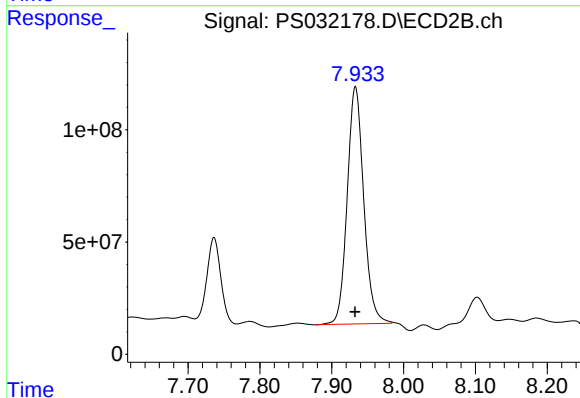
#5 DICAMBA

R.T.: 7.456 min
Delta R.T.: -0.001 min
Response: 3567026113
Conc: 193.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-9MSD

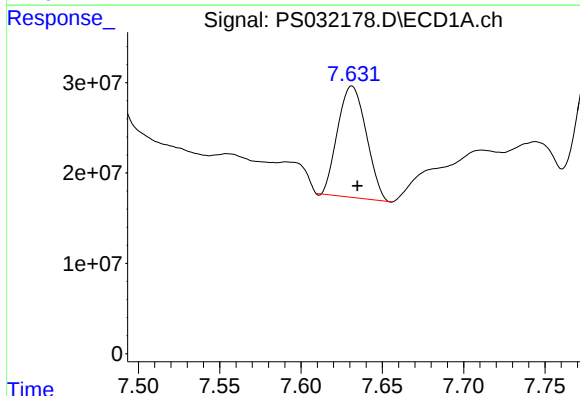
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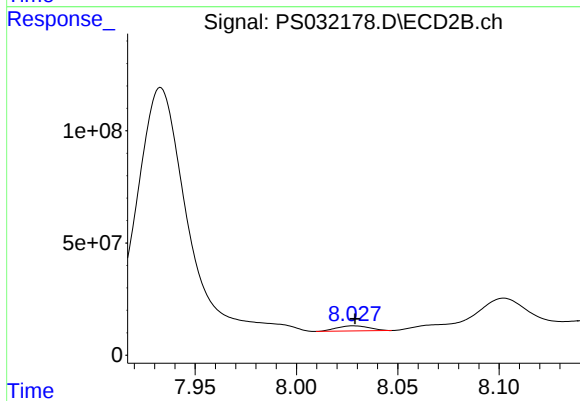
#5 DICAMBA

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 1688433236
Conc: 206.76 ng/ml m



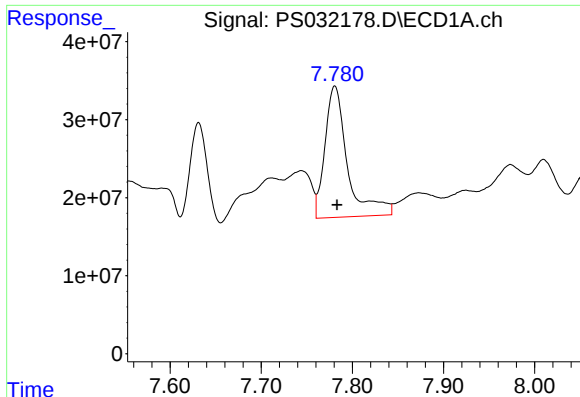
#6 MCP

R.T.: 7.631 min
Delta R.T.: -0.003 min
Response: 150786576
Conc: 14.00 ug/ml



#6 MCP

R.T.: 8.028 min
Delta R.T.: 0.000 min
Response: 25549006
Conc: 9.99 ug/ml



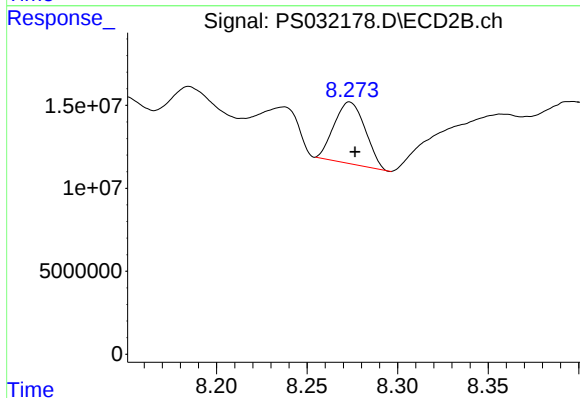
#7 MCPA

R.T.: 7.781 min
Delta R.T.: -0.003 min
Response: 289830420
Conc: 22.26 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-9MSD

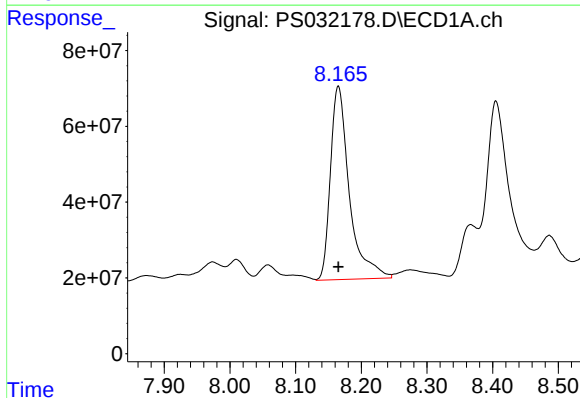
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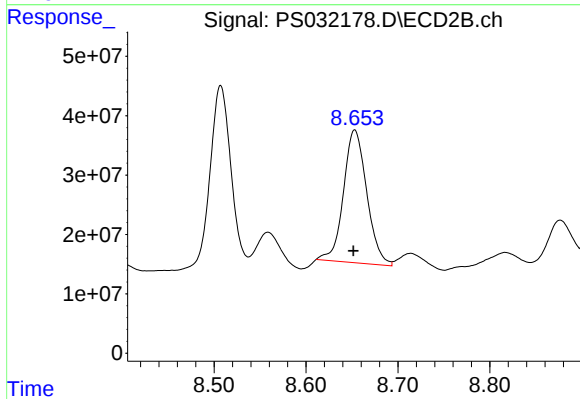
#7 MCPA

R.T.: 8.274 min
Delta R.T.: -0.003 min
Response: 44333180
Conc: 12.66 ug/ml



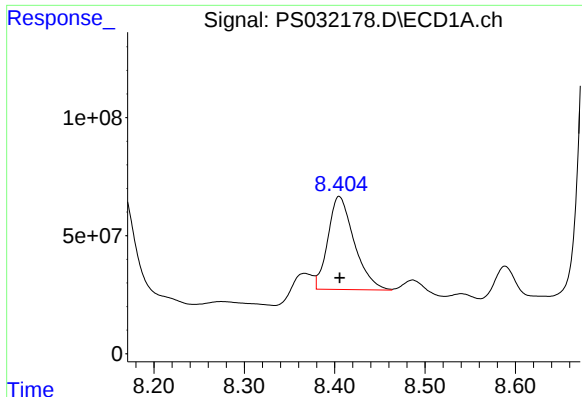
#8 DICHLORPROP

R.T.: 8.165 min
Delta R.T.: 0.000 min
Response: 1023245211
Conc: 235.24 ng/ml



#8 DICHLORPROP

R.T.: 8.653 min
Delta R.T.: 0.001 min
Response: 393694624
Conc: 214.27 ng/ml



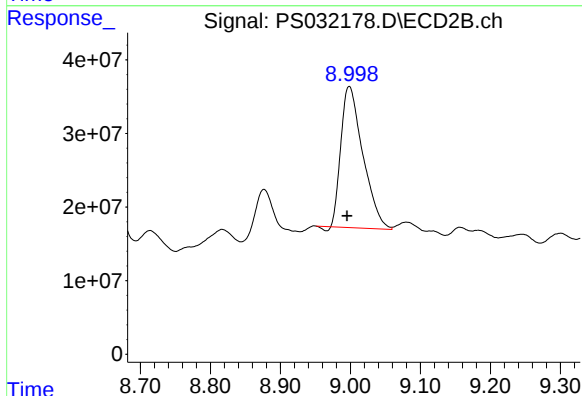
#9 2,4-D

R.T.: 8.404 min
Delta R.T.: -0.001 min
Response: 794317771
Conc: 191.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-9MSD

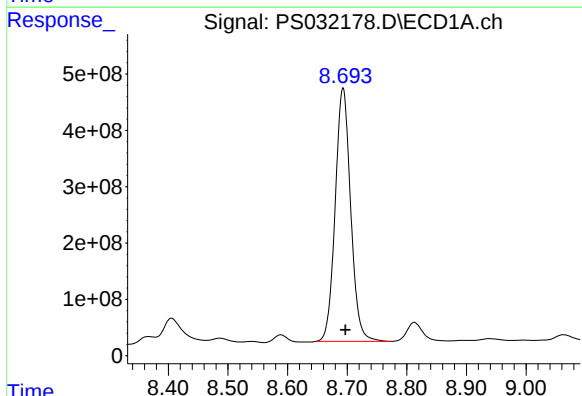
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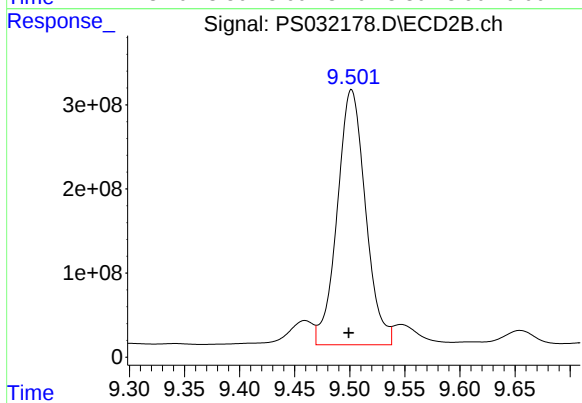
#9 2,4-D

R.T.: 8.999 min
Delta R.T.: 0.003 min
Response: 416003905
Conc: 215.47 ng/ml



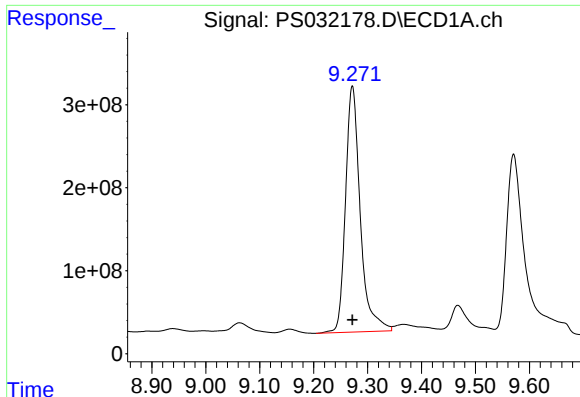
#10 Pentachlorophenol

R.T.: 8.693 min
Delta R.T.: -0.004 min
Response: 8109774663
Conc: 131.43 ng/ml



#10 Pentachlorophenol

R.T.: 9.502 min
Delta R.T.: 0.002 min
Response: 5418943361
Conc: 111.58 ng/ml



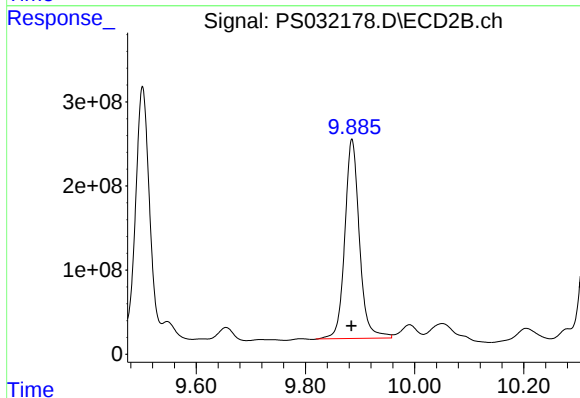
#11 2,4,5-TP (SILVEX)

R.T.: 9.272 min
Delta R.T.: 0.000 min
Response: 5642774291
Conc: 228.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-9MSD

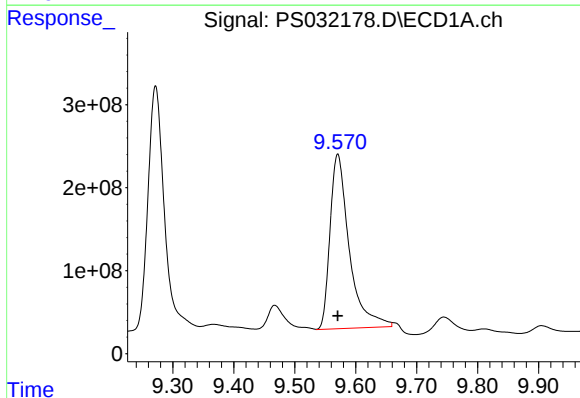
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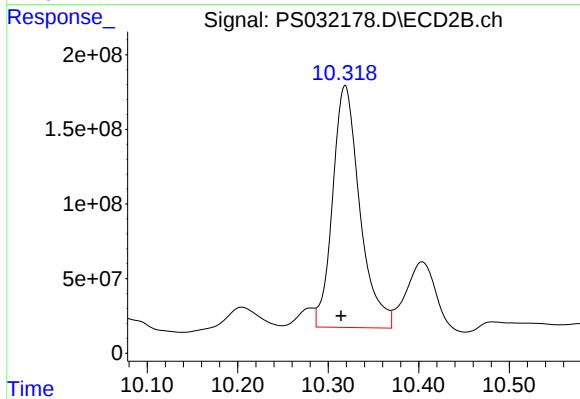
#11 2,4,5-TP (SILVEX)

R.T.: 9.885 min
Delta R.T.: 0.000 min
Response: 4401208067
Conc: 232.85 ng/ml m



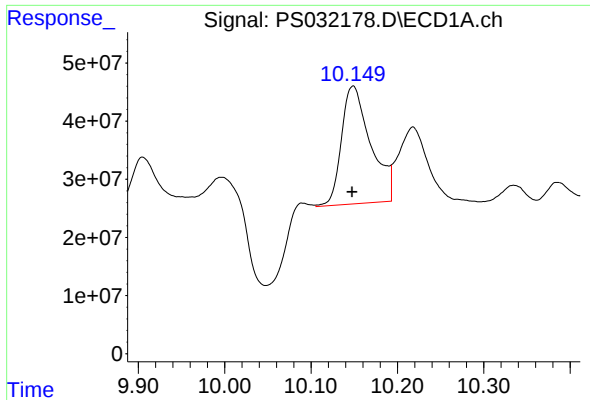
#12 2,4,5-T

R.T.: 9.570 min
Delta R.T.: 0.000 min
Response: 4617389669
Conc: 221.66 ng/ml m



#12 2,4,5-T

R.T.: 10.318 min
Delta R.T.: 0.004 min
Response: 3376575398
Conc: 209.38 ng/ml m



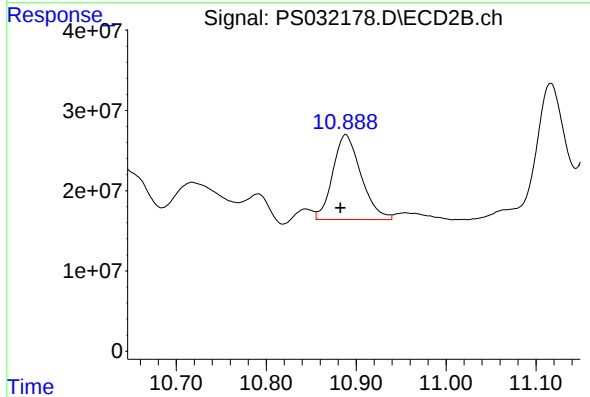
#13 2,4-DB

R.T.: 10.149 min
Delta R.T.: 0.001 min
Response: 478568468
Conc: 207.96 ng/ml

Instrument :
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ClientSampleId :
TP-9MSD

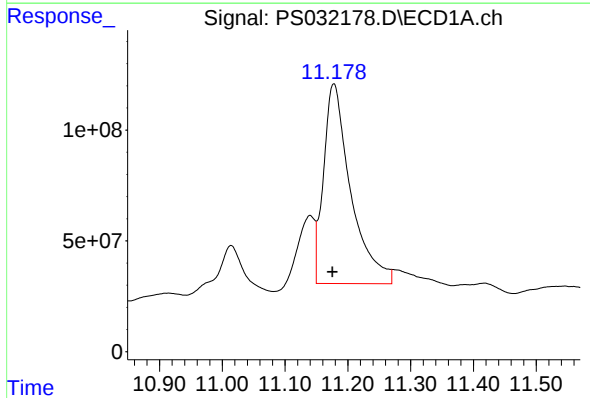
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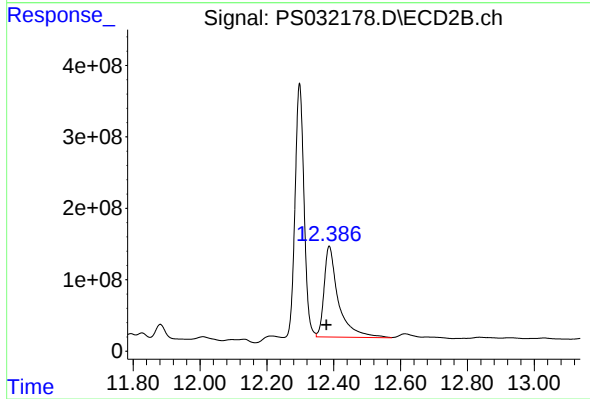
#13 2,4-DB

R.T.: 10.888 min
Delta R.T.: 0.006 min
Response: 230738708
Conc: 167.23 ng/ml



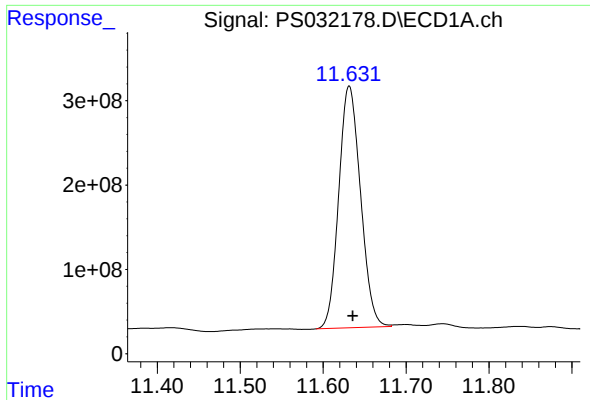
#15 Picloram

R.T.: 11.178 min
Delta R.T.: 0.003 min
Response: 2700551786
Conc: 143.40 ng/ml m



#15 Picloram

R.T.: 12.387 min
Delta R.T.: 0.008 min
Response: 3770791041
Conc: 129.72 ng/ml



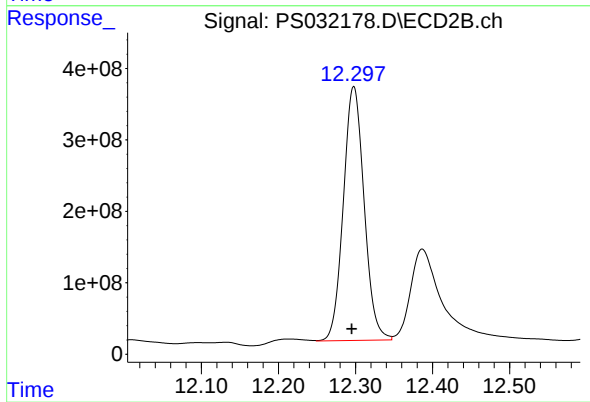
#16 DCPA

R.T.: 11.631 min
Delta R.T.: -0.004 min
Response: 5233978165
Conc: 163.36 ng/ml

Instrument :
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ClientSampleId :
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#16 DCPA

R.T.: 12.297 min
Delta R.T.: 0.002 min
Response: 6647274736
Conc: 213.47 ng/ml m