

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090425\
 Data File : PS031632.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Sep 2025 14:56
 Operator : AR\AJ
 Sample : Q2893-08
 Misc : LOQ WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOQ-WATER-02-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/05/2025
 Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 04:08:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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	7.287	7.741	1670.5E6	475.2E6	526.301	562.116
Target Compounds							
1) T	Dalapon	2.665	2.665f	452.1E6	1334.3E6	86.140m	501.426m#
2) T	3,5-DICHL...	6.455	6.697	961.0E6	242.8E6	203.678	179.624
3) T	4-Nitroph...	7.102	7.307	180.0E6	176.8E6	174.435	140.644
5) T	DICAMBA	7.472	7.937	2757.1E6	1071.6E6	197.410	188.567m
6) T	MCPD	7.646	8.031	118.4E6	14907049	14.713m	8.432 #
7) T	MCPA	7.795	8.277	160.3E6	33004007	16.091	11.764 #
8) T	DICHLORPROP	8.182	8.659	731.0E6	263.5E6	230.410	197.361
9) T	2,4-D	8.422	9.007	950.0E6	338.4E6	330.238	237.074 #
10) T	Pentachlo...	8.711	9.508	11165.8E6	7334.6E6	232.561	210.591
11) T	2,4,5-TP ...	9.290	9.892	4346.5E6	3090.1E6	242.500	235.599
12) T	2,4,5-T	9.587	10.326	2760.7E6	2169.2E6	188.425m	183.214m
13) T	2,4-DB	10.165	10.897	346.7E6	157.5E6	180.429m	163.189m
14) T	DINOSEB	11.360	11.266	2744.9E6	1763.7E6	216.500	186.498
15) T	Picloram	11.203	12.404	1699.6E6	2014.8E6	130.196	114.936
16) T	DCPA	11.655	12.306	4106.0E6	4210.4E6	180.249m	213.720m

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

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Sample : Q2893-08
Misc : LOQ WATER
ALS Vial : 12 Sample Multiplier: 1

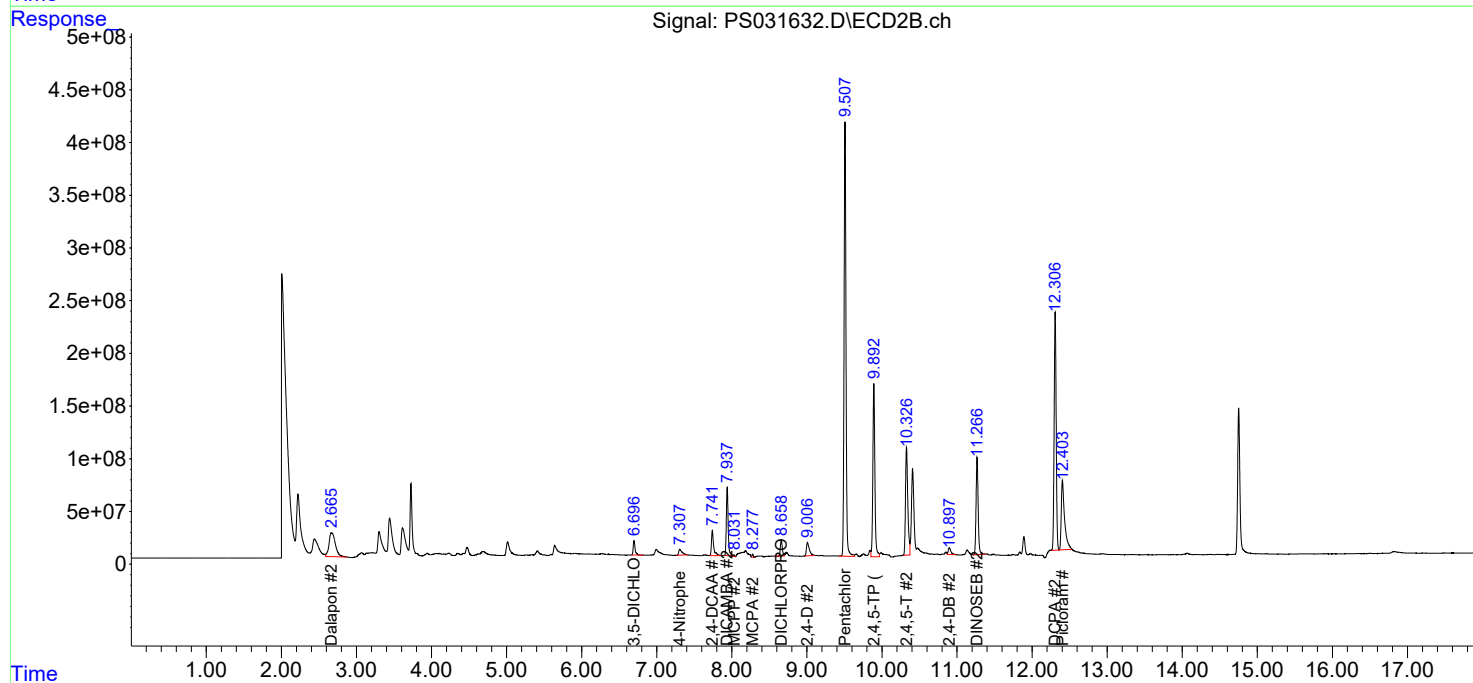
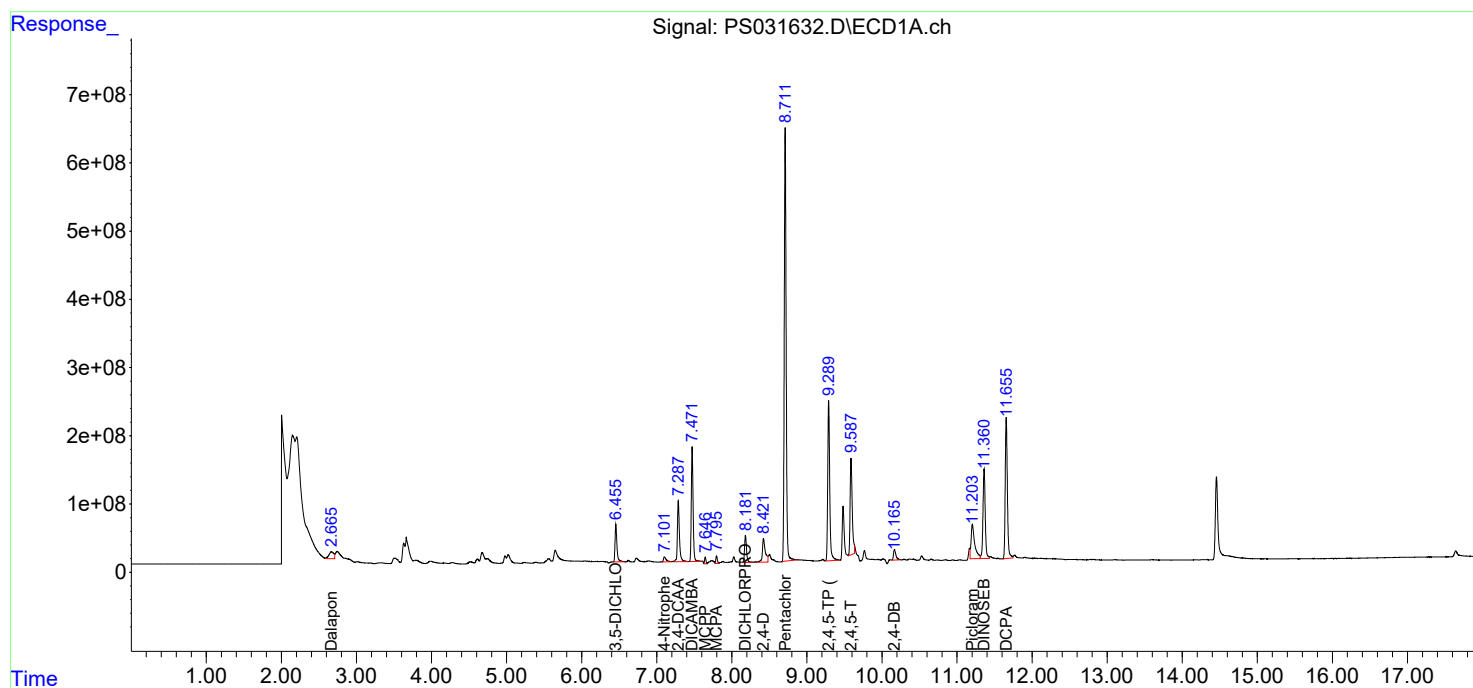
Instrument :
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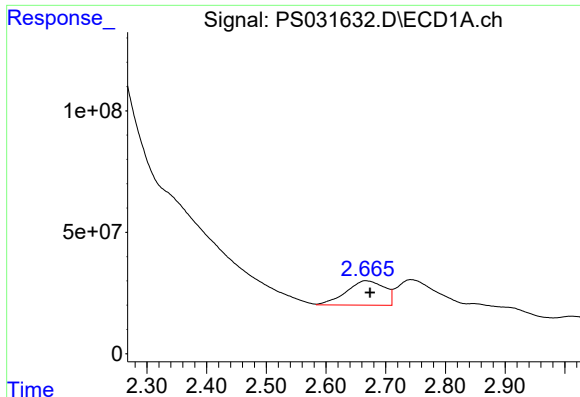
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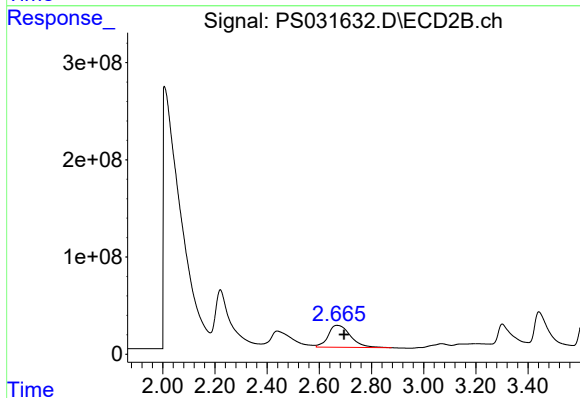
#1 Dalapon

R.T.: 2.665 min
Delta R.T.: -0.009 min
Response: 452140666
Conc: 86.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT3-2025

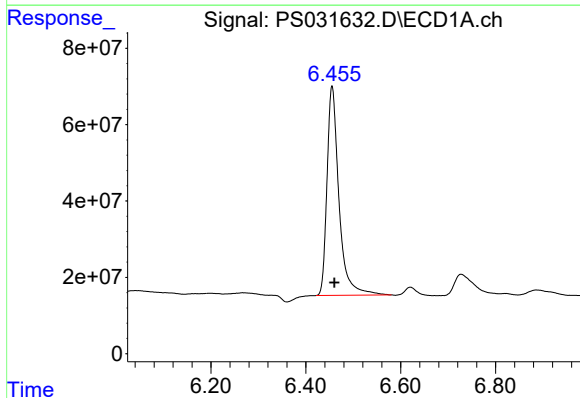
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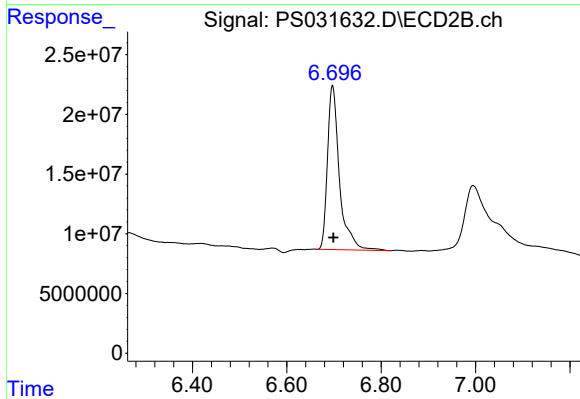
#1 Dalapon

R.T.: 2.665 min
Delta R.T.: -0.030 min
Response: 1334300529
Conc: 501.43 ng/ml m



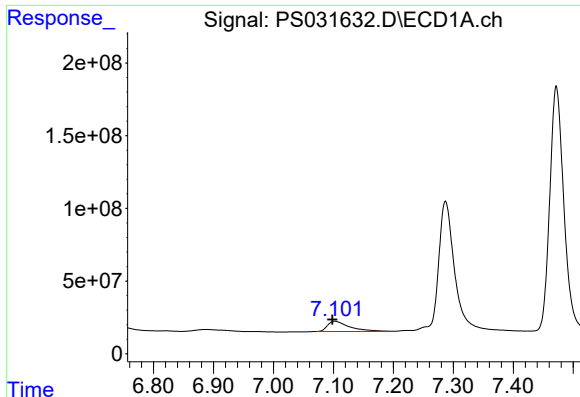
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.455 min
Delta R.T.: -0.005 min
Response: 961018250
Conc: 203.68 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.697 min
Delta R.T.: -0.002 min
Response: 242838557
Conc: 179.62 ng/ml



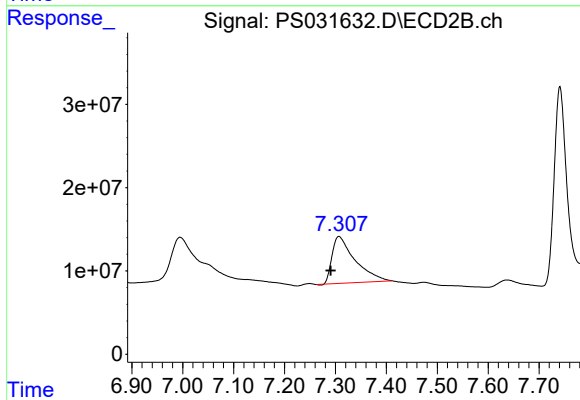
#3 4-Nitrophenol

R.T.: 7.102 min
Delta R.T.: 0.004 min
Response: 179960601
Conc: 174.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
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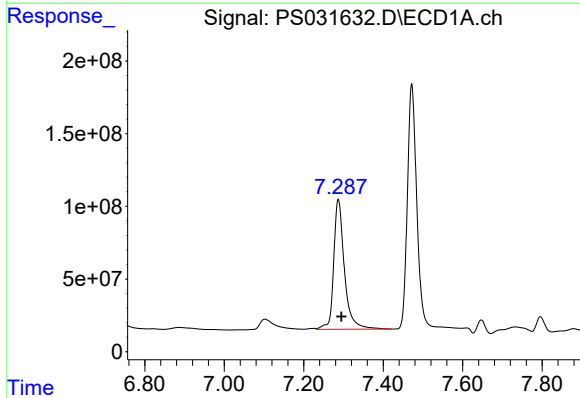
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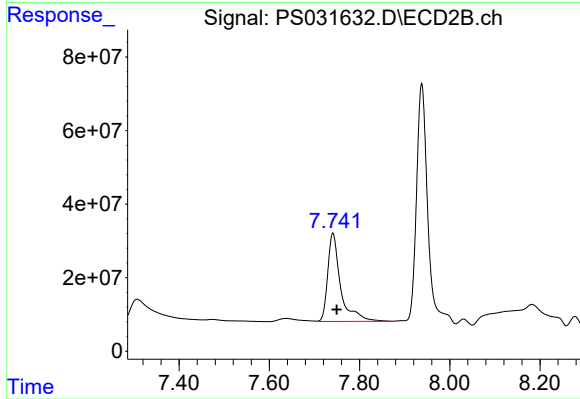
#3 4-Nitrophenol

R.T.: 7.307 min
Delta R.T.: 0.016 min
Response: 176773857
Conc: 140.64 ng/ml



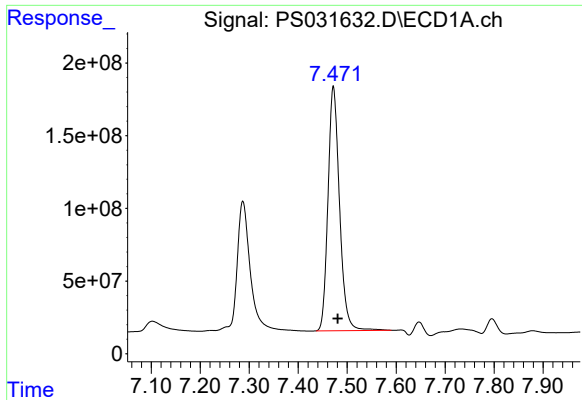
#4 2,4-DCAA

R.T.: 7.287 min
Delta R.T.: -0.008 min
Response: 1670473443
Conc: 526.30 ng/ml



#4 2,4-DCAA

R.T.: 7.741 min
Delta R.T.: -0.008 min
Response: 475179178
Conc: 562.12 ng/ml



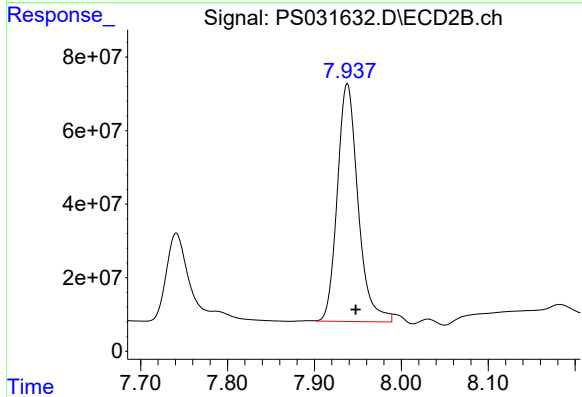
#5 DICAMBA

R.T.: 7.472 min
Delta R.T.: -0.009 min
Response: 2757120354
Conc: 197.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT3-2025

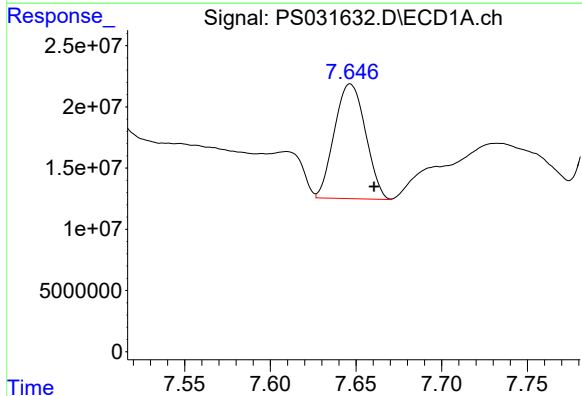
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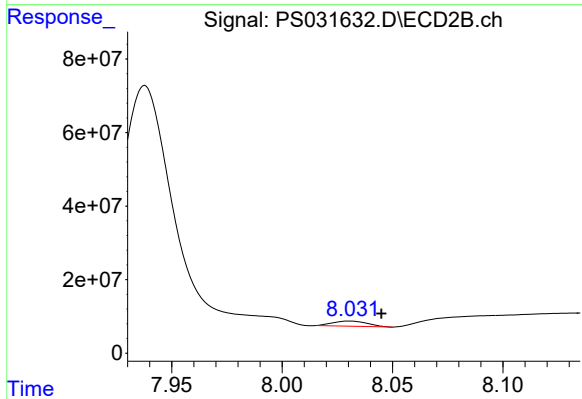
#5 DICAMBA

R.T.: 7.937 min
Delta R.T.: -0.010 min
Response: 1071568014
Conc: 188.57 ng/ml m



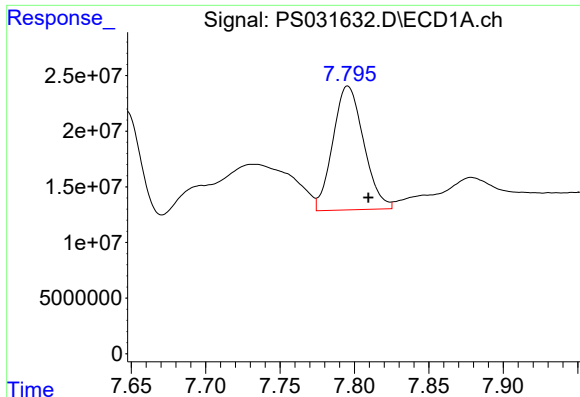
#6 MCP

R.T.: 7.646 min
Delta R.T.: -0.014 min
Response: 118366578
Conc: 14.71 ug/ml m



#6 MCP

R.T.: 8.031 min
Delta R.T.: -0.014 min
Response: 14907049
Conc: 8.43 ug/ml



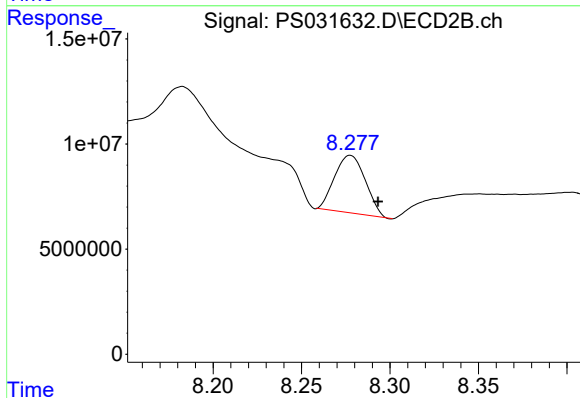
#7 MCPA

R.T.: 7.795 min
Delta R.T.: -0.014 min
Response: 160288136
Conc: 16.09 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT3-2025

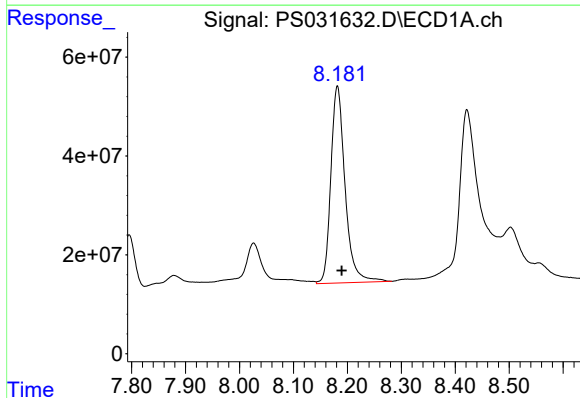
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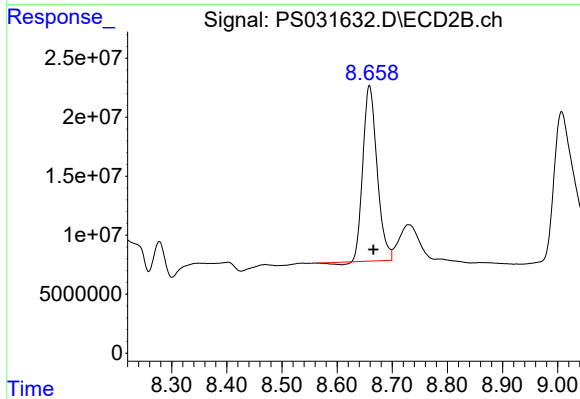
#7 MCPA

R.T.: 8.277 min
Delta R.T.: -0.016 min
Response: 33004007
Conc: 11.76 ug/ml



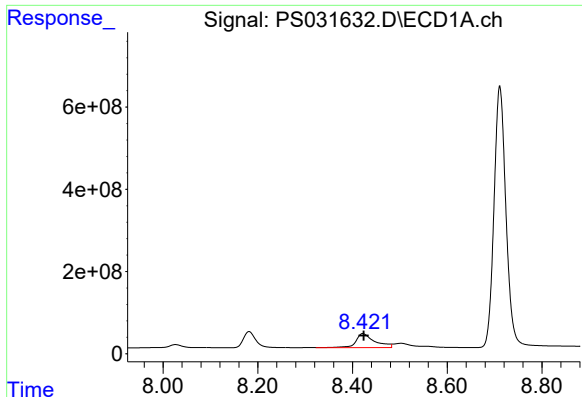
#8 DICHLORPROP

R.T.: 8.182 min
Delta R.T.: -0.008 min
Response: 730959739
Conc: 230.41 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min
Delta R.T.: -0.007 min
Response: 263483626
Conc: 197.36 ng/ml



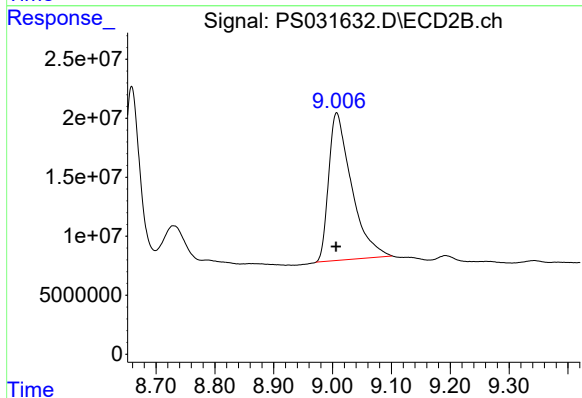
#9 2,4-D

R.T.: 8.422 min
Delta R.T.: -0.002 min
Response: 950034861
Conc: 330.24 ng/ml

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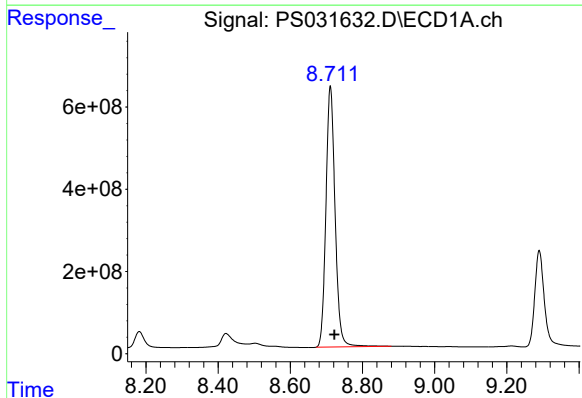
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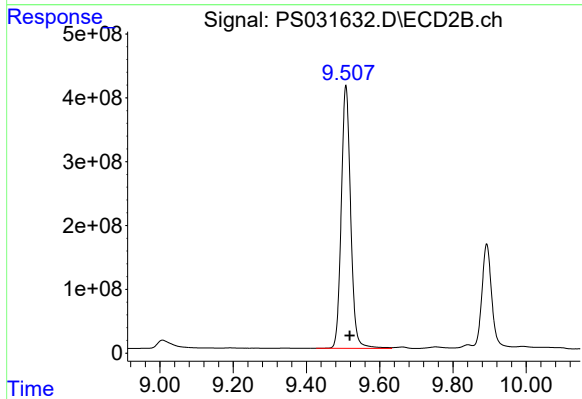
#9 2,4-D

R.T.: 9.007 min
Delta R.T.: 0.002 min
Response: 338372626
Conc: 237.07 ng/ml



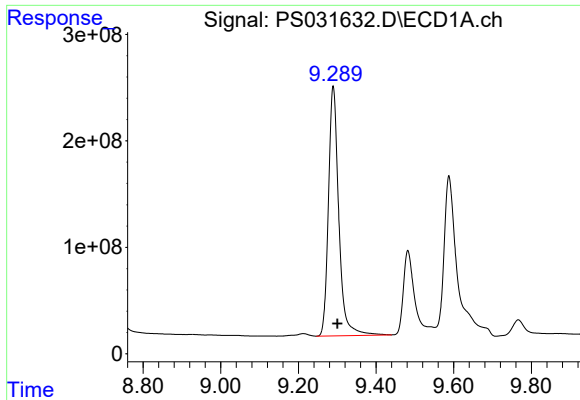
#10 Pentachlorophenol

R.T.: 8.711 min
Delta R.T.: -0.011 min
Response: 11165800864
Conc: 232.56 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.011 min
Response: 7334559795
Conc: 210.59 ng/ml



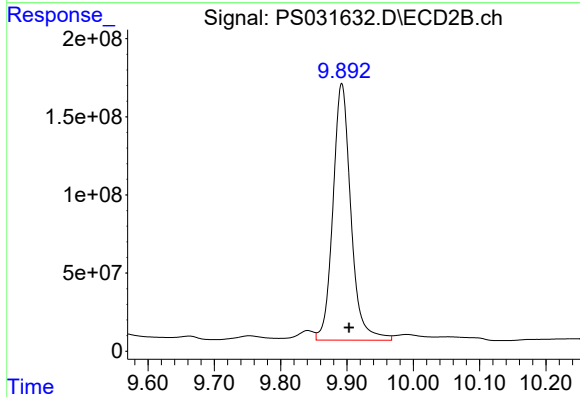
#11 2,4,5-TP (SILVEX)

R.T.: 9.290 min
Delta R.T.: -0.010 min
Response: 4346492505
Conc: 242.50 ng/ml

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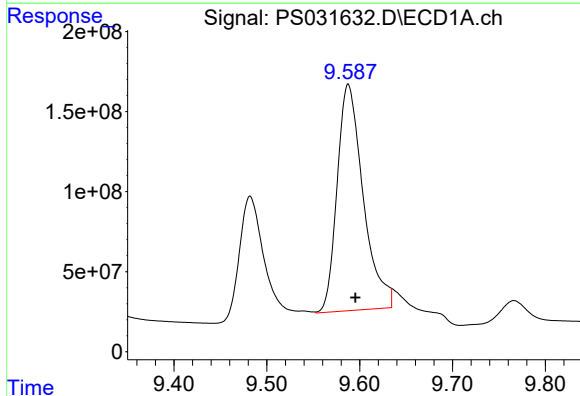
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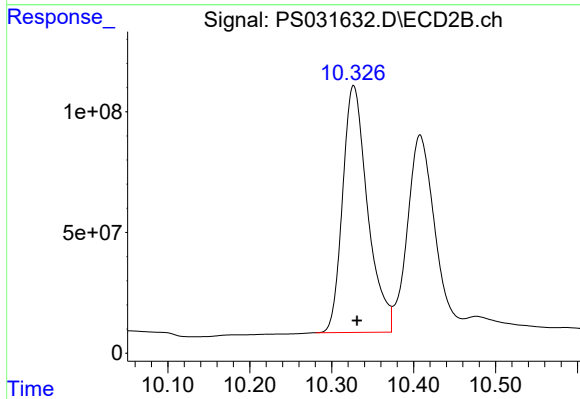
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: -0.011 min
Response: 3090125722
Conc: 235.60 ng/ml



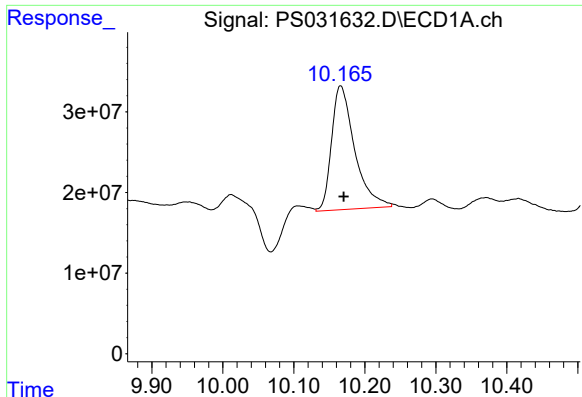
#12 2,4,5-T

R.T.: 9.587 min
Delta R.T.: -0.008 min
Response: 2760656226
Conc: 188.42 ng/ml m



#12 2,4,5-T

R.T.: 10.326 min
Delta R.T.: -0.005 min
Response: 2169215505
Conc: 183.21 ng/ml m



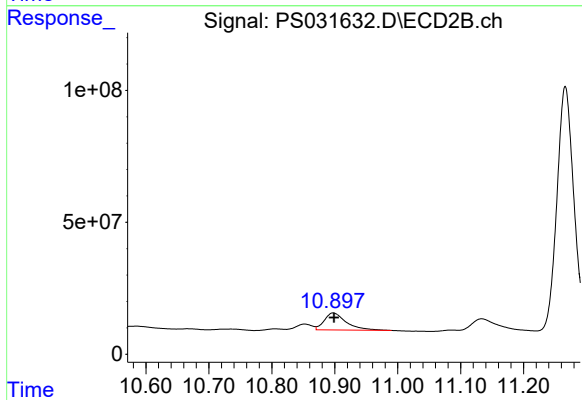
#13 2,4-DB

R.T.: 10.165 min
Delta R.T.: -0.005 min
Response: 346734473
Conc: 180.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
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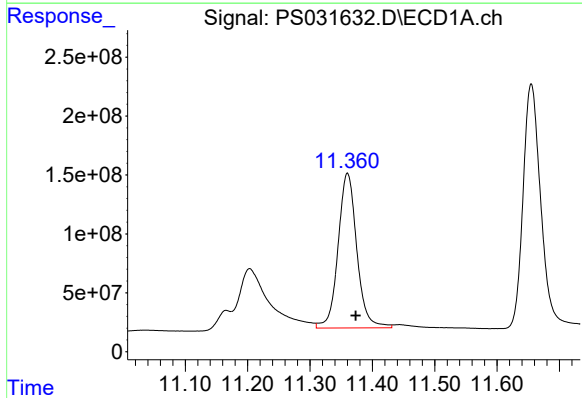
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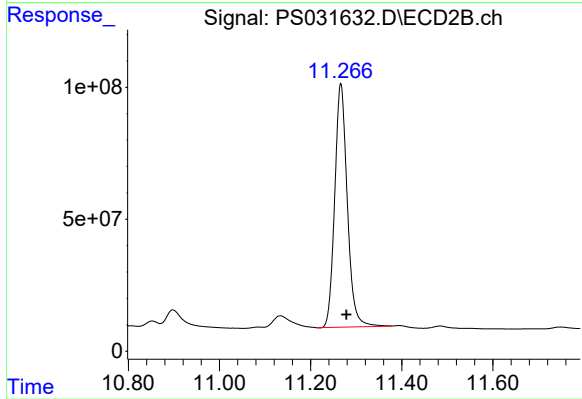
#13 2,4-DB

R.T.: 10.897 min
Delta R.T.: -0.002 min
Response: 157452100
Conc: 163.19 ng/ml m



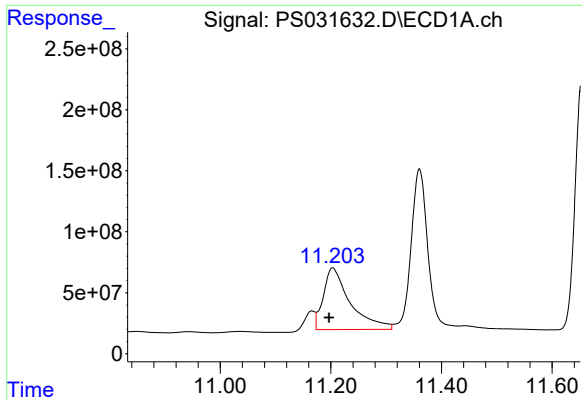
#14 DINOSEB

R.T.: 11.360 min
Delta R.T.: -0.013 min
Response: 2744894668
Conc: 216.50 ng/ml



#14 DINOSEB

R.T.: 11.266 min
Delta R.T.: -0.012 min
Response: 1763702535
Conc: 186.50 ng/ml



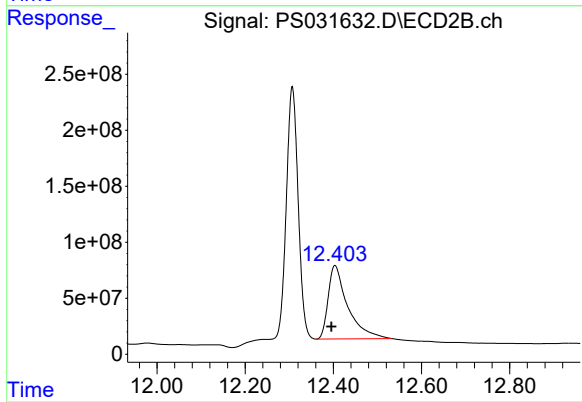
#15 Picloram

R.T.: 11.203 min
Delta R.T.: 0.006 min
Response: 1699596729
Conc: 130.20 ng/ml

Instrument :
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ClientSampleId :
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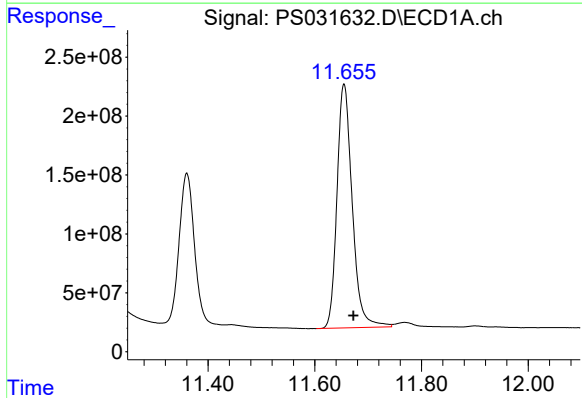
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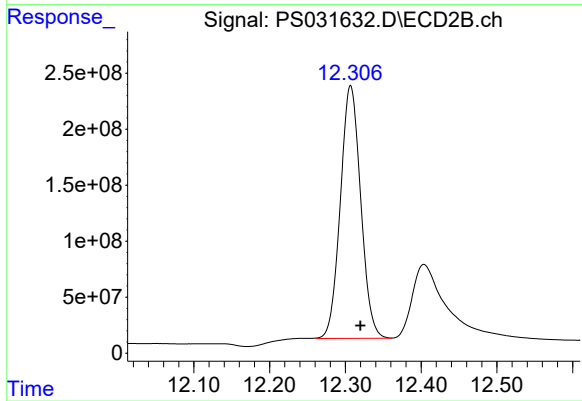
#15 Picloram

R.T.: 12.404 min
Delta R.T.: 0.008 min
Response: 2014801569
Conc: 114.94 ng/ml



#16 DCPA

R.T.: 11.655 min
Delta R.T.: -0.018 min
Response: 4105959999
Conc: 180.25 ng/ml m



#16 DCPA

R.T.: 12.306 min
Delta R.T.: -0.013 min
Response: 4210360559
Conc: 213.72 ng/ml m