

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS043025\
 Data File : PS030000.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2025 04:58
 Operator : AR\AJ
 Sample : Q1906-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-5MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/01/2025
 Supervised By : mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 05:15:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 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	6.919	7.462	2383.8E6	1086.7E6	968.580	1542.476 #
Target Compounds							
1) T	Dalapon	2.443	2.516	2684.7E6	1670.2E6	655.570	962.008 #
2) T	3,5-DICHL...	6.142	6.459	1091.5E6	282.0E6	305.432m	288.501
3) T	4-Nitroph...	6.705f	6.965f	111.4E6	93163381	62.467	121.636m#
5) T	DICAMBA	7.114	7.648	3137.2E6	1321.2E6	316.802m	334.474
6) T	MCP	7.292	7.738f	166.7E6	168.2E6	25.863	96.144 #
7) T	MCPA	7.434	7.982	275.0E6	84049137	31.136	35.527
8) T	DICHLORPROP	7.795	8.341	637.3E6	345.5E6	251.505m	344.094 #
9) T	2,4-D	8.015	8.654	1183.7E6	461.4E6	420.814	409.339
10) T	Pentachlo...	8.293	9.155	5829.4E6	3626.2E6	167.103	178.239
11) T	2,4,5-TP ...	8.857	9.533	2881.3E6	2060.0E6	207.846m	251.776m
12) T	2,4,5-T	9.140	9.937	3680.4E6	2208.5E6	261.892	284.499
13) T	2,4-DB	9.700	10.493	414.0E6	170.6E6	181.138m	212.019m
15) T	Picloram	10.679	11.904	5832.1E6	4481.7E6	318.161	364.849m
16) T	DCPA	11.162	11.900	6578.7E6	3900.7E6	386.502	346.066m

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

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Acq On : 01 May 2025 04:58
Operator : AR\AJ
Sample : Q1906-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

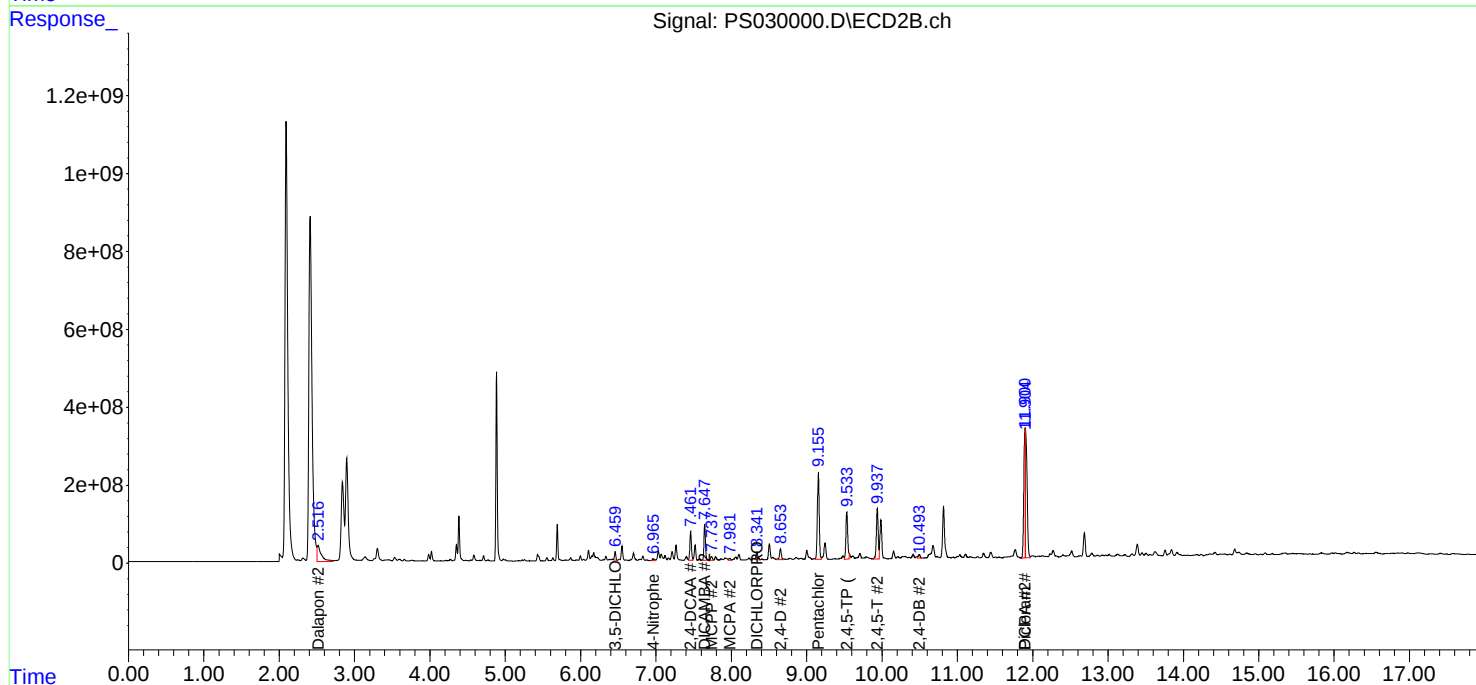
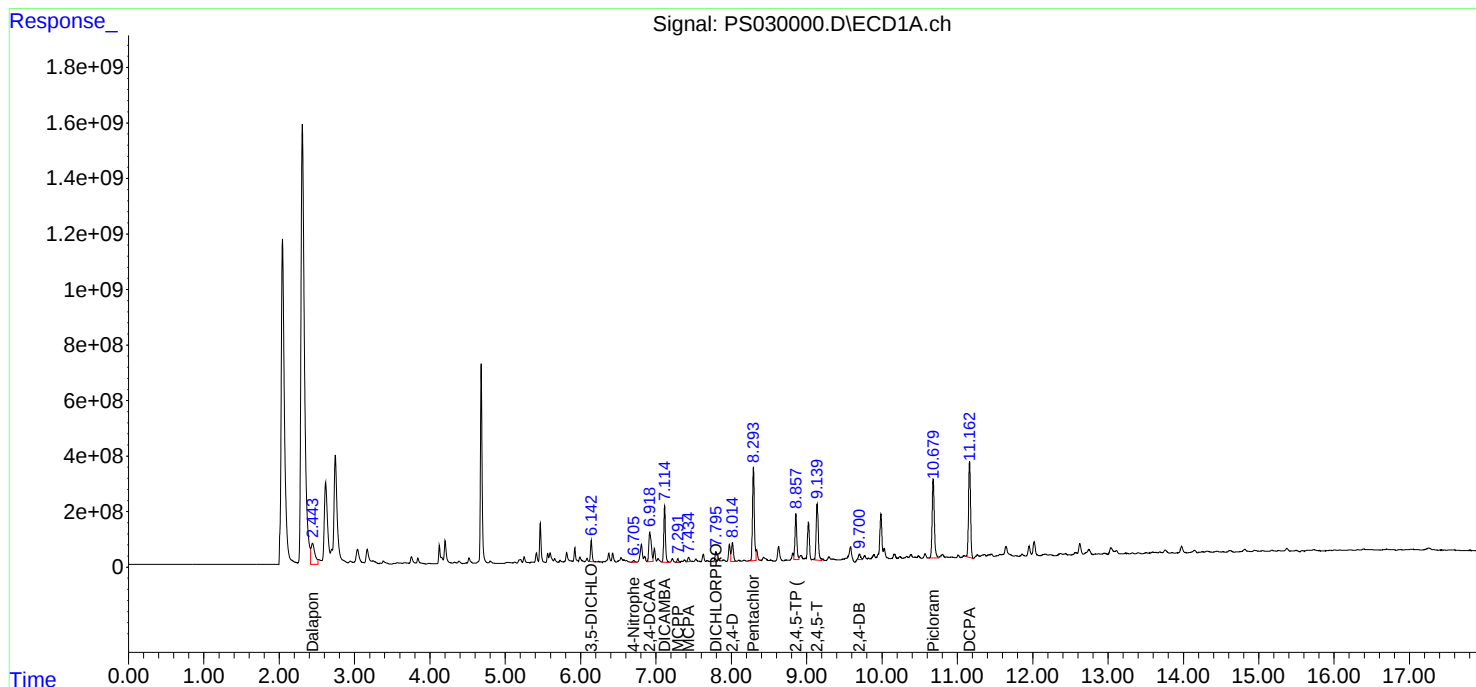
Instrument :
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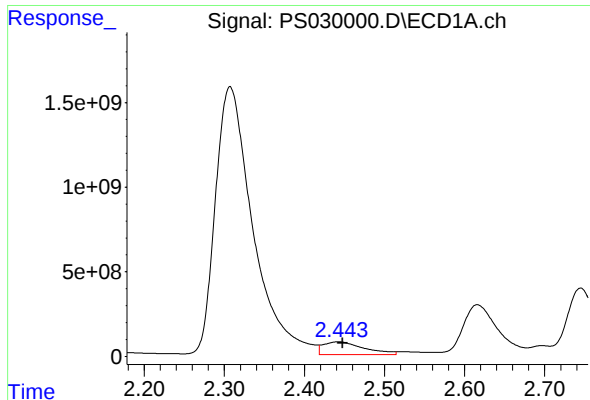
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 05:15:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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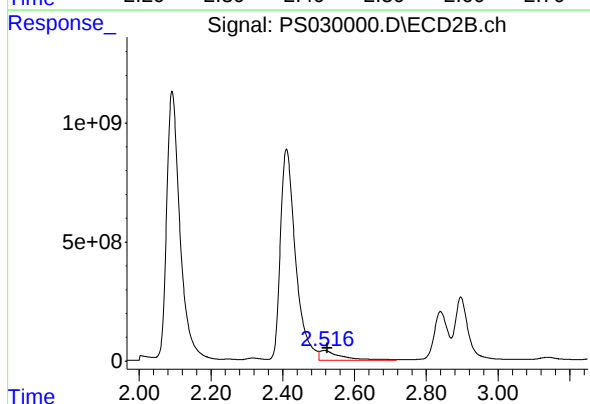
#1 Dalapon

R.T.: 2.443 min
Delta R.T.: -0.005 min
Response: 2684729749
Conc: 655.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-5MSD

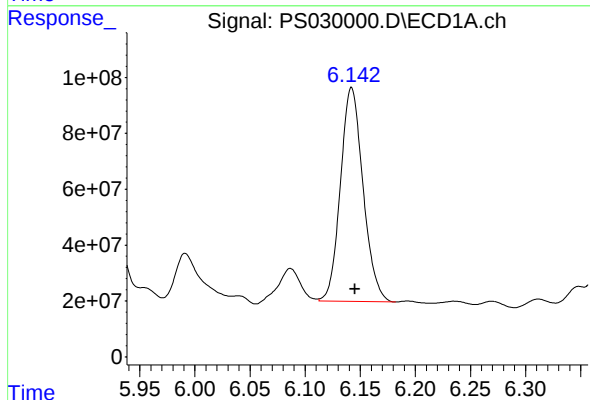
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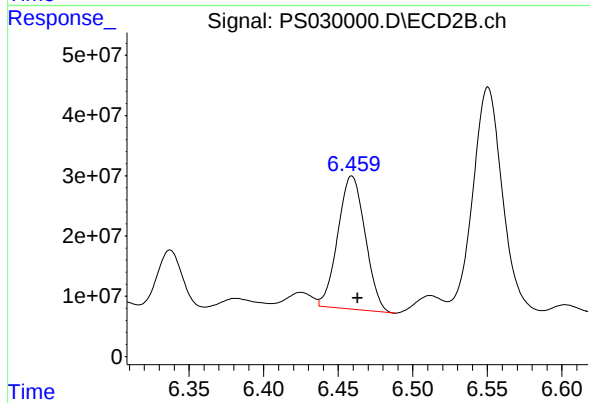
#1 Dalapon

R.T.: 2.516 min
Delta R.T.: -0.008 min
Response: 1670184214
Conc: 962.01 ng/ml



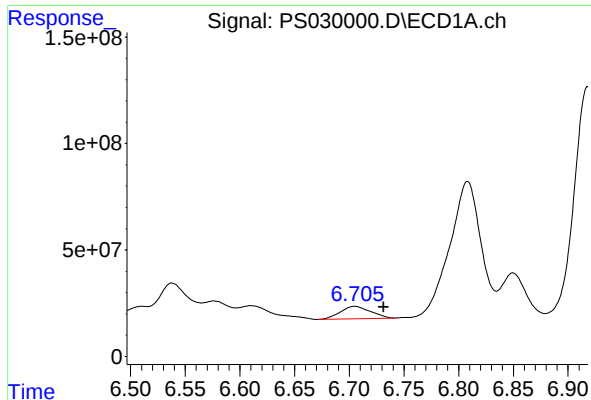
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.142 min
Delta R.T.: -0.004 min
Response: 1091547420
Conc: 305.43 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.459 min
Delta R.T.: -0.004 min
Response: 282032989
Conc: 288.50 ng/ml



#3 4-Nitrophenol

R.T.: 6.705 min
Delta R.T.: -0.026 min
Response: 111398988
Conc: 62.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-5MSD

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#3 4-Nitrophenol

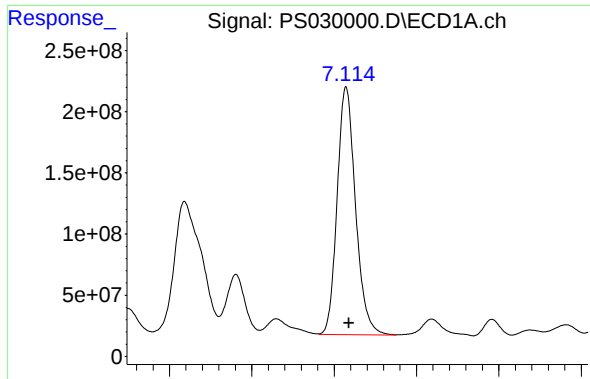
R.T.: 6.965 min
Delta R.T.: -0.036 min
Response: 93163381
Conc: 121.64 ng/ml m

#4 2,4-DCAA

R.T.: 6.919 min
Delta R.T.: -0.023 min
Response: 2383750734
Conc: 968.58 ng/ml

#4 2,4-DCAA

R.T.: 7.462 min
Delta R.T.: -0.005 min
Response: 1086700629
Conc: 1542.48 ng/ml



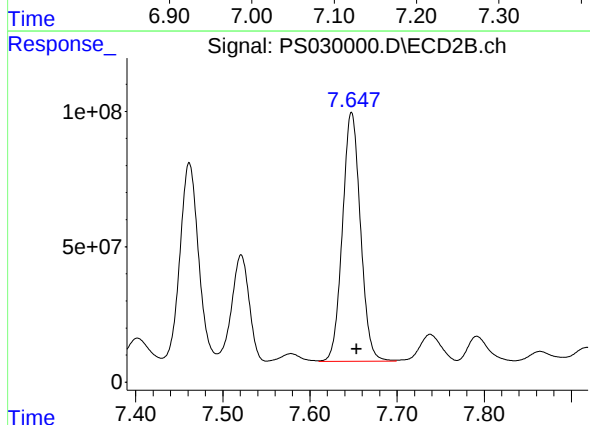
#5 DICAMBA

R.T.: 7.114 min
Delta R.T.: -0.004 min
Response: 3137245760
Conc: 316.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-5MSD

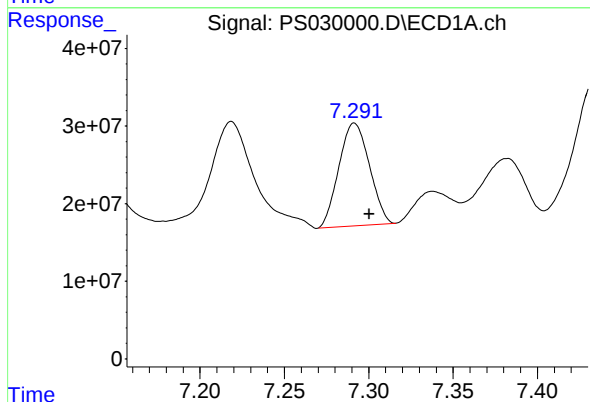
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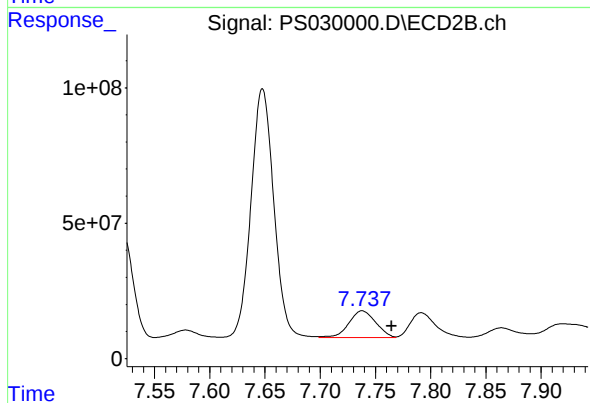
#5 DICAMBA

R.T.: 7.648 min
Delta R.T.: -0.006 min
Response: 1321193549
Conc: 334.47 ng/ml



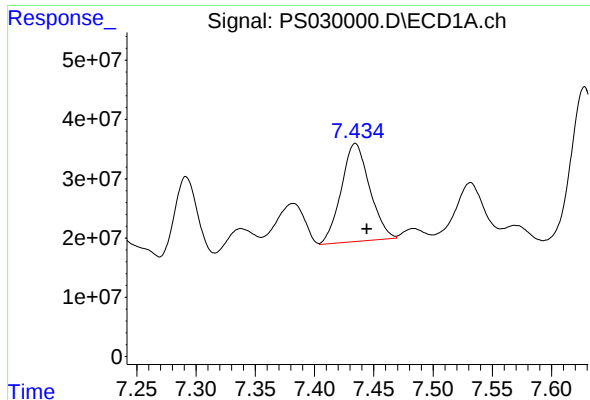
#6 MCP

R.T.: 7.292 min
Delta R.T.: -0.009 min
Response: 166652078
Conc: 25.86 ug/ml



#6 MCP

R.T.: 7.738 min
Delta R.T.: -0.027 min
Response: 168151316
Conc: 96.14 ug/ml



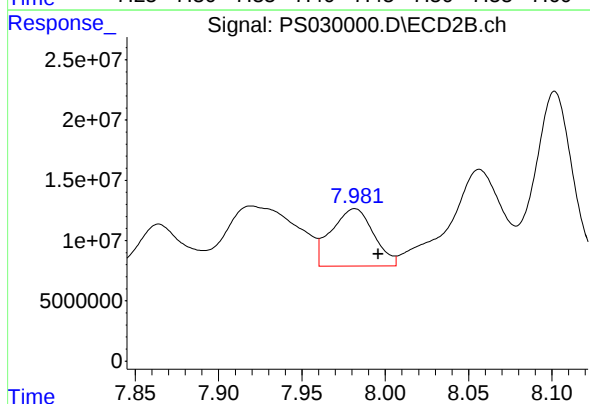
#7 MCPA

R.T.: 7.434 min
Delta R.T.: -0.010 min
Response: 274972414
Conc: 31.14 ug/ml

Instrument :
ECD_S
ClientSampleId :
WC-5MSD

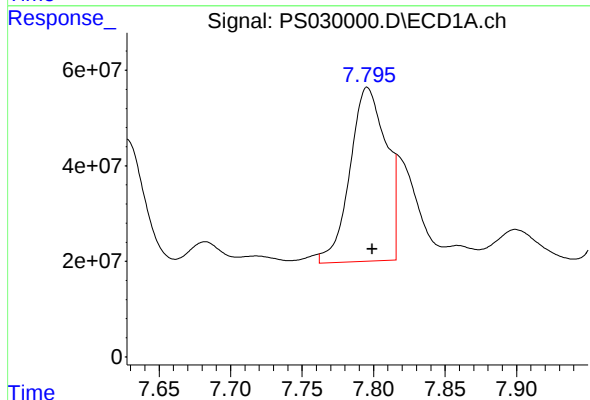
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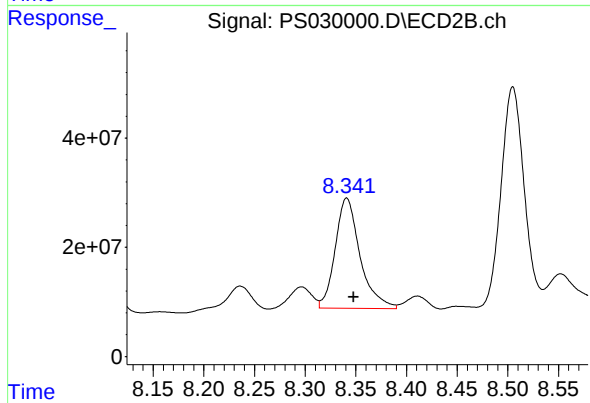
#7 MCPA

R.T.: 7.982 min
Delta R.T.: -0.014 min
Response: 84049137
Conc: 35.53 ug/ml



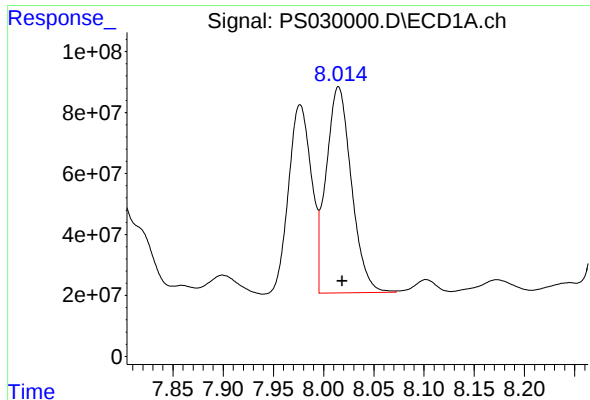
#8 DICHLORPROP

R.T.: 7.795 min
Delta R.T.: -0.004 min
Response: 637341151
Conc: 251.51 ng/ml m



#8 DICHLORPROP

R.T.: 8.341 min
Delta R.T.: -0.007 min
Response: 345457932
Conc: 344.09 ng/ml



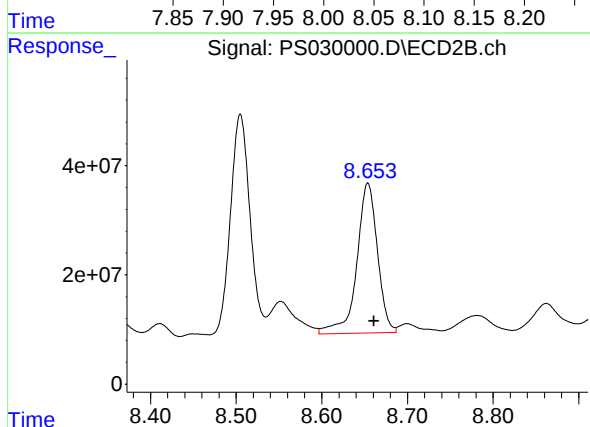
#9 2,4-D

R.T.: 8.015 min
Delta R.T.: -0.004 min
Response: 1183696641
Conc: 420.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-5MSD

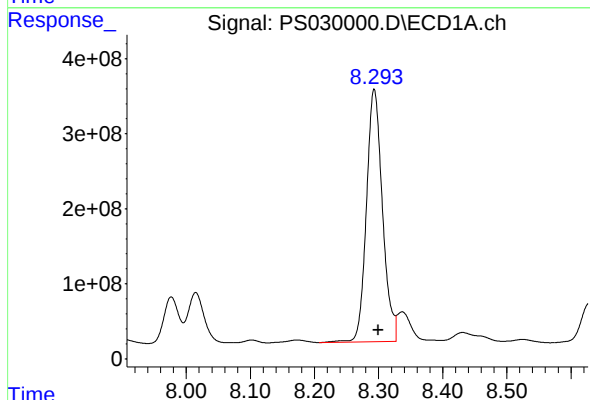
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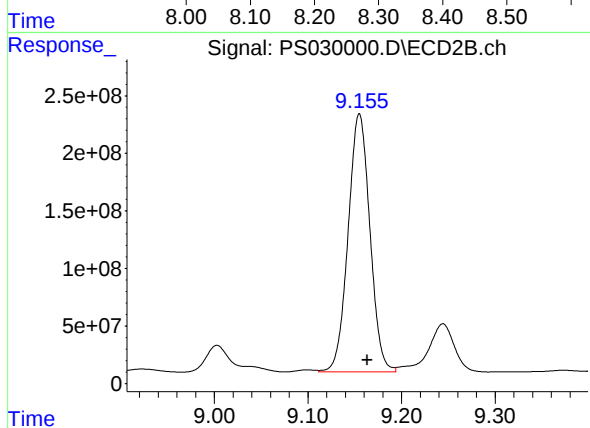
#9 2,4-D

R.T.: 8.654 min
Delta R.T.: -0.007 min
Response: 461368615
Conc: 409.34 ng/ml



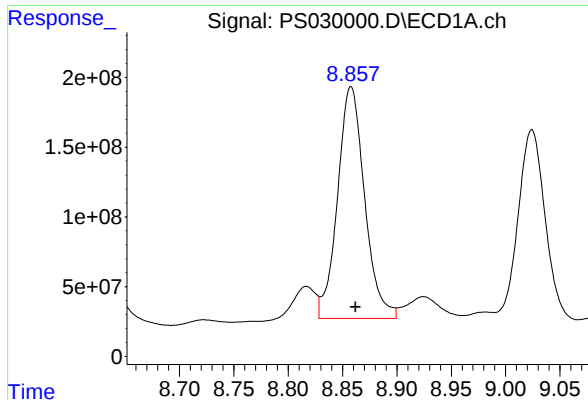
#10 Pentachlorophenol

R.T.: 8.293 min
Delta R.T.: -0.006 min
Response: 5829372536
Conc: 167.10 ng/ml



#10 Pentachlorophenol

R.T.: 9.155 min
Delta R.T.: -0.009 min
Response: 3626233908
Conc: 178.24 ng/ml



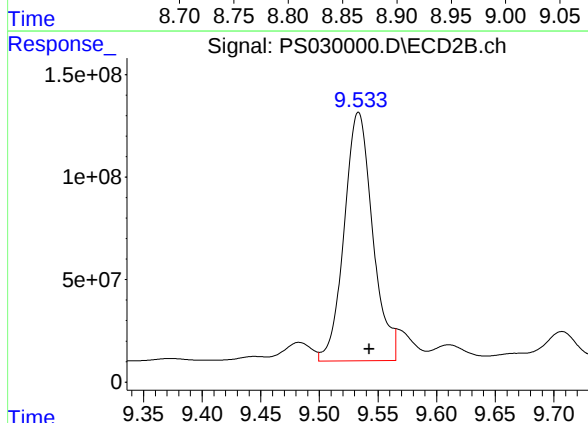
#11 2,4,5-TP (SILVEX)

R.T.: 8.857 min
Delta R.T.: -0.005 min
Response: 2881331277
Conc: 207.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-5MSD

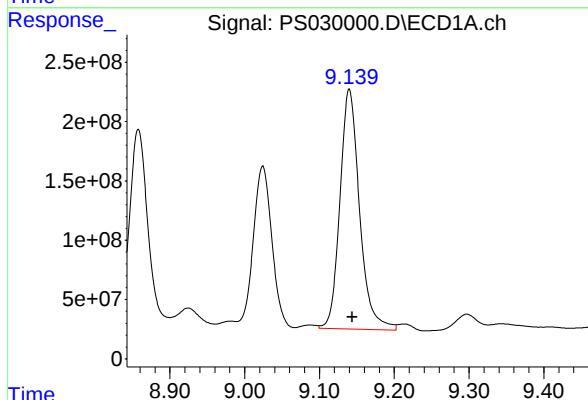
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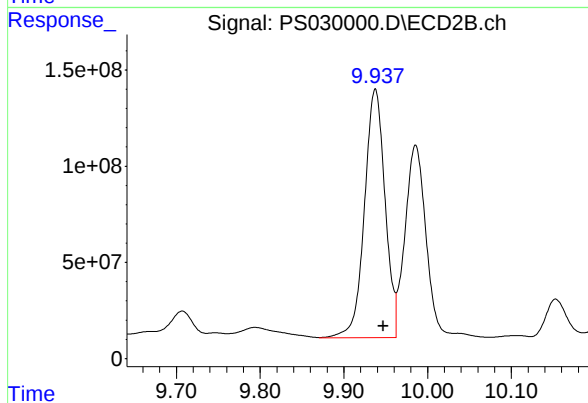
#11 2,4,5-TP (SILVEX)

R.T.: 9.533 min
Delta R.T.: -0.010 min
Response: 2059964649
Conc: 251.78 ng/ml



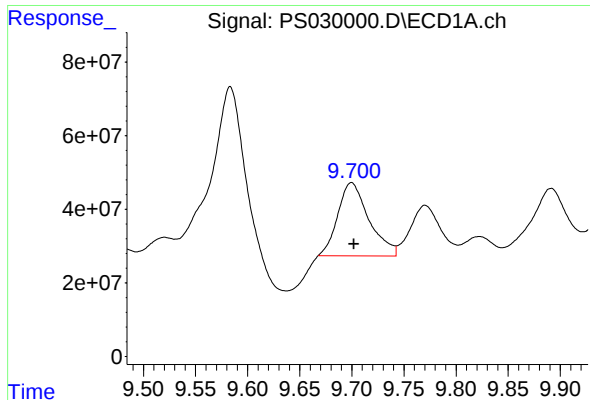
#12 2,4,5-T

R.T.: 9.140 min
Delta R.T.: -0.004 min
Response: 3680396485
Conc: 261.89 ng/ml



#12 2,4,5-T

R.T.: 9.937 min
Delta R.T.: -0.010 min
Response: 2208455612
Conc: 284.50 ng/ml



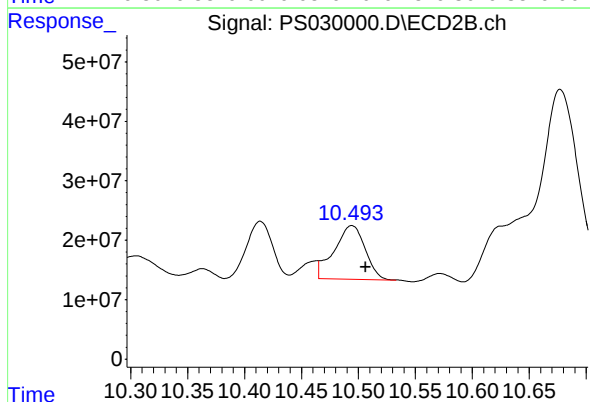
#13 2,4-DB

R.T.: 9.700 min
Delta R.T.: -0.002 min
Response: 413963725
Conc: 181.14 ng/ml

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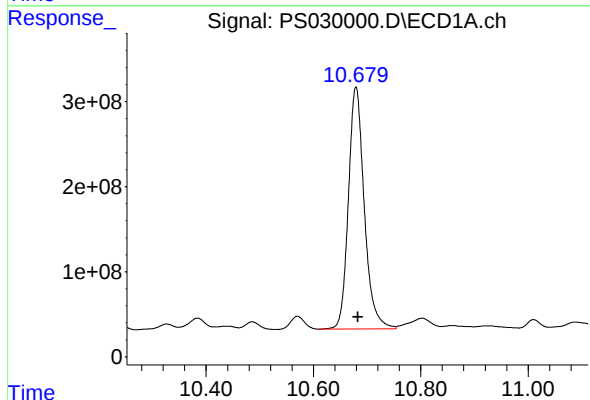
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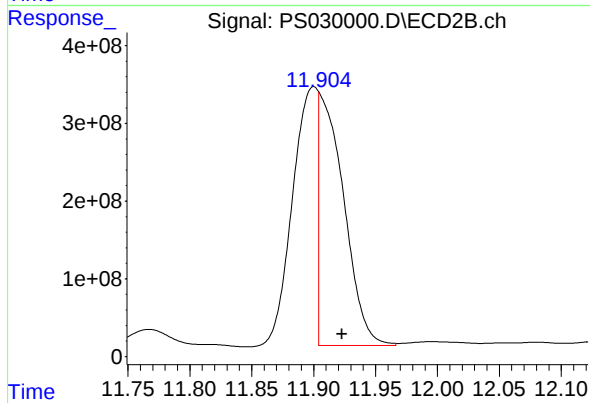
#13 2,4-DB

R.T.: 10.493 min
Delta R.T.: -0.013 min
Response: 170641685
Conc: 212.02 ng/ml



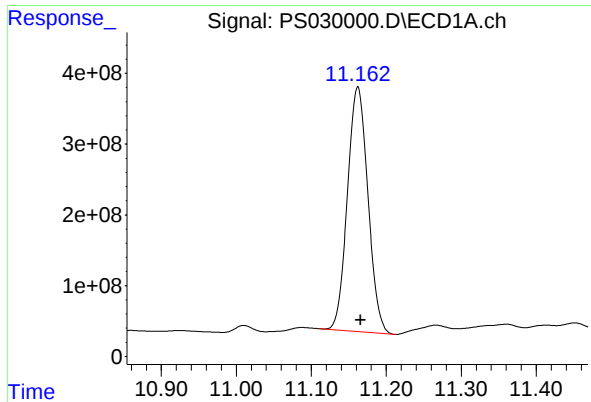
#15 Picloram

R.T.: 10.679 min
Delta R.T.: -0.004 min
Response: 5832090919
Conc: 318.16 ng/ml



#15 Picloram

R.T.: 11.904 min
Delta R.T.: -0.019 min
Response: 4481672472
Conc: 364.85 ng/ml



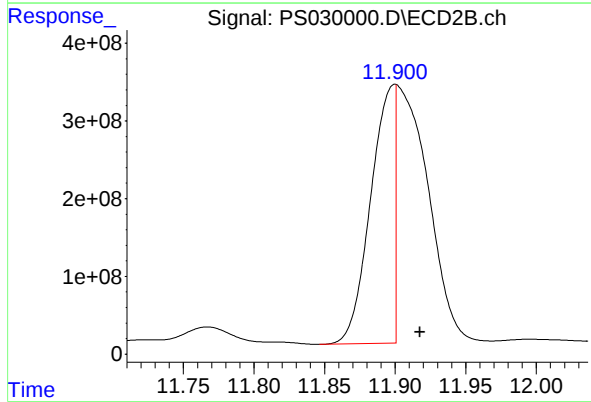
#16 DCPA

R.T.: 11.162 min
Delta R.T.: -0.004 min
Response: 6578656178
Conc: 386.50 ng/ml

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ECD_S
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#16 DCPA

R.T.: 11.900 min
Delta R.T.: -0.018 min
Response: 3900733580
Conc: 346.07 ng/ml m