

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS081922\
 Data File : PS020318.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2022 18:26
 Operator : AJ\MA
 Sample : N4224-11MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP3-0816MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/22/2022
 Supervised By :Ankita Jodhani 08/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 22:23:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080322.M
 Quant Title : 8080.M
 QLast Update : Thu Aug 04 02:05:37 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
 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	7.177	6.756	686.3E6	209.3E6	232.746m	256.879
Target Compounds							
1) T	Dalapon	3.001	2.516	894.3E6	296.5E6	184.720	273.133m#
2) T	3,5-DICHL...	6.395	5.944	635.7E6	188.7E6	163.435	149.432
3) T	4-Nitroph...	7.012	6.386	54923746	25090806	39.541	51.089 #
5) T	DICAMBA	7.365	6.918	2324.2E6	724.2E6	201.955	203.195m
6) T	MCPD	7.531	7.011	100.1E6	37798462	10.794	13.856 #
7) T	MCPA	7.679	7.219	204.4E6	81064906	15.869	19.257
8) T	DICHLORPROP	8.056	7.538	410.1E6	178.5E6	143.257	190.888 #
9) T	2,4-D	8.287	7.830	720.3E6	308.5E6	239.155	263.011
10) T	Pentachlo...	8.592	8.253	3448.2E6	1112.9E6	88.150	86.971
11) T	2,4,5-TP ...	9.141	8.613	2601.1E6	718.0E6	152.667	134.233
12) T	2,4,5-T	9.427	8.992	2759.5E6	869.4E6	152.030	170.799
13) T	2,4-DB	9.978	9.496	326.7E6	110.1E6	89.508	161.809 #
14) T	DINOSEB	11.114	9.821	225.4E6	90868311	14.171m	23.949 #
15) T	Picloram	10.956	10.798	8616.5E6	2046.8E6	272.514	271.295
16) T	DCPA	11.398	10.745	6258.2E6	2024.2E6	254.556	305.298

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

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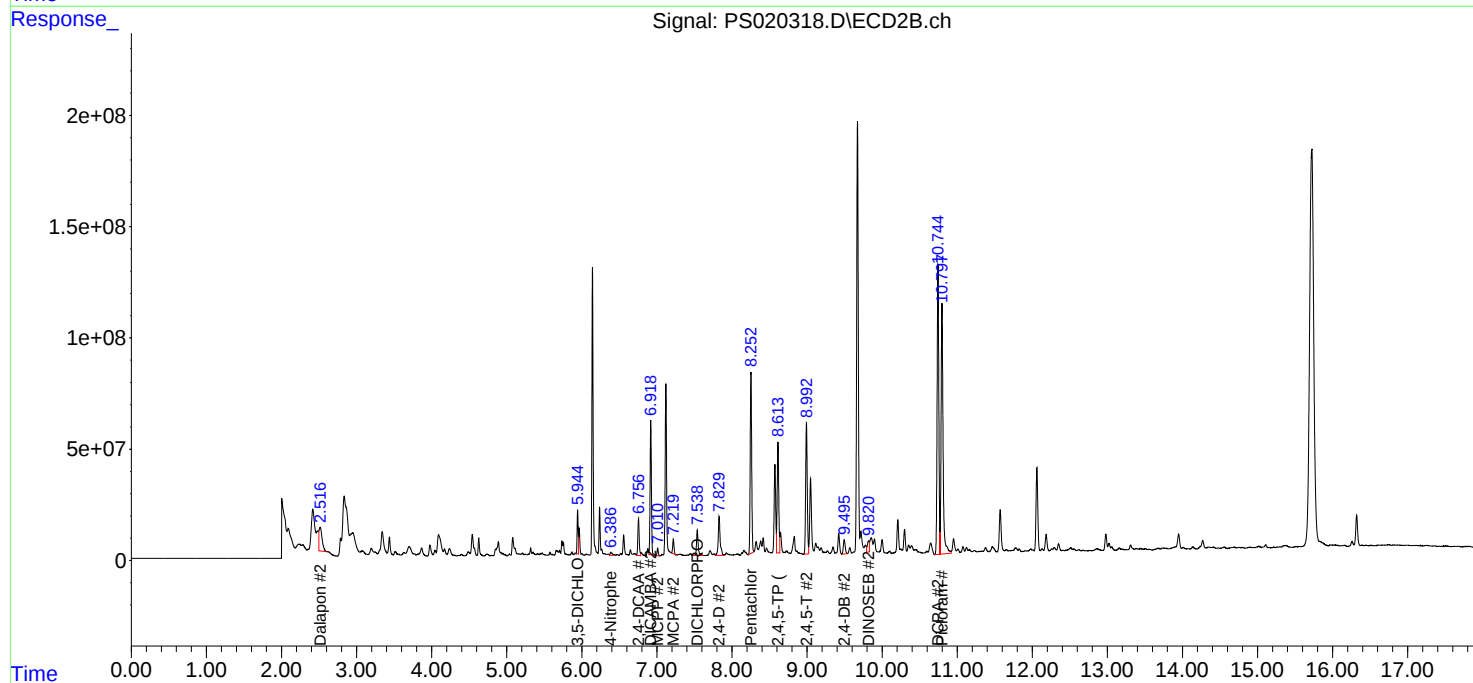
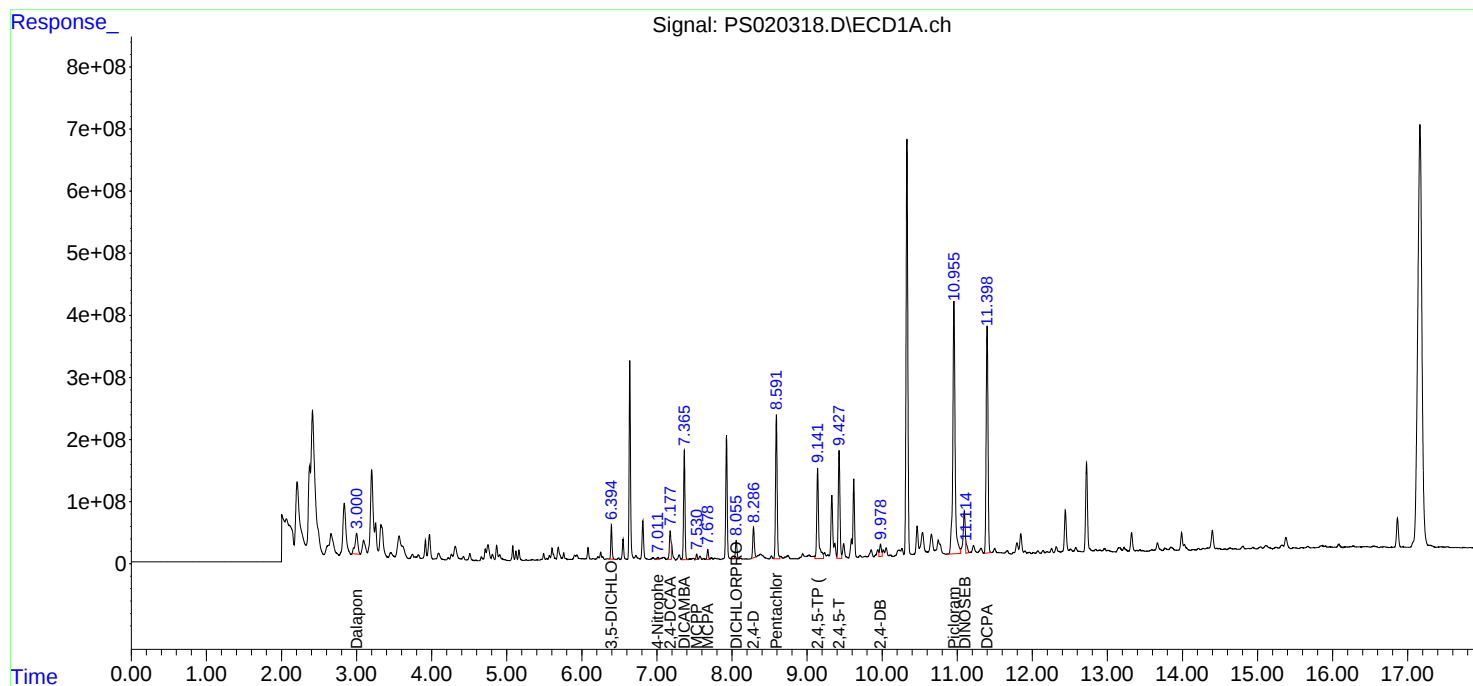
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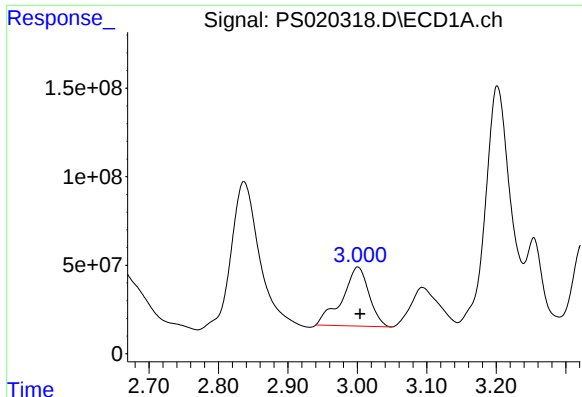
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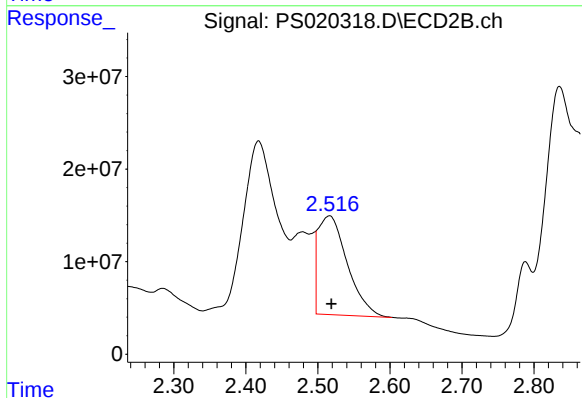
#1 Dalapon

R.T.: 3.001 min
Delta R.T.: -0.003 min
Response: 894286988
Conc: 184.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP3-0816MSD

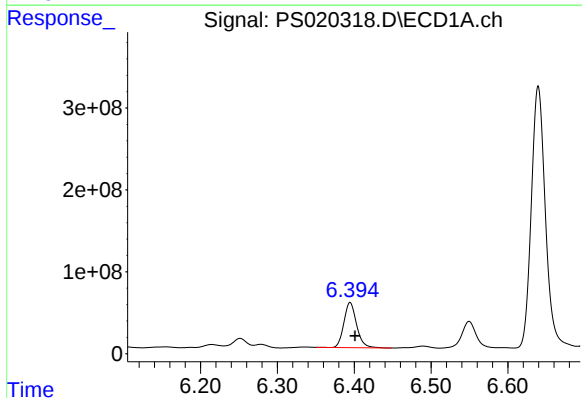
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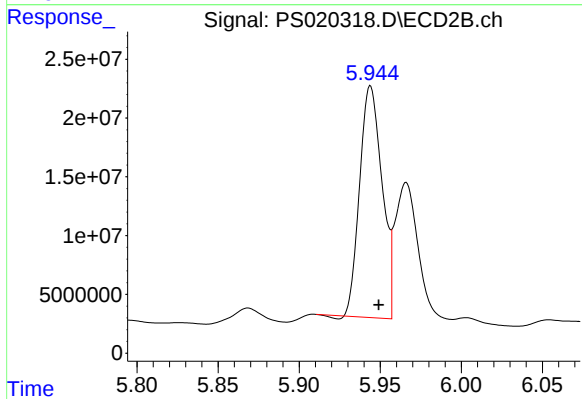
#1 Dalapon

R.T.: 2.516 min
Delta R.T.: -0.002 min
Response: 296524615
Conc: 273.13 ng/ml m



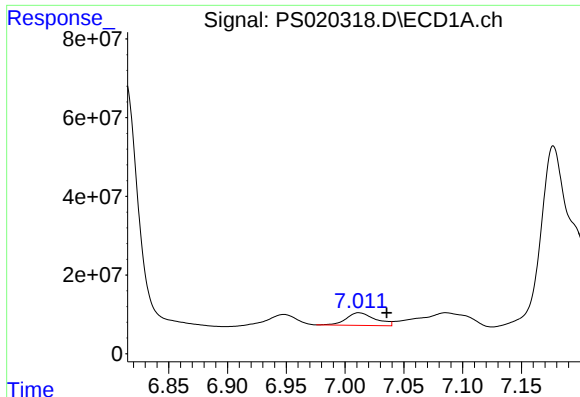
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.395 min
Delta R.T.: -0.006 min
Response: 635745191
Conc: 163.43 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.944 min
Delta R.T.: -0.005 min
Response: 188675367
Conc: 149.43 ng/ml



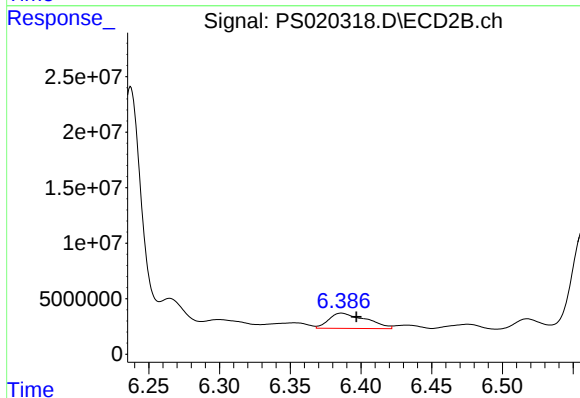
#3 4-Nitrophenol

R.T.: 7.012 min
Delta R.T.: -0.024 min
Response: 54923746
Conc: 39.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP3-0816MSD

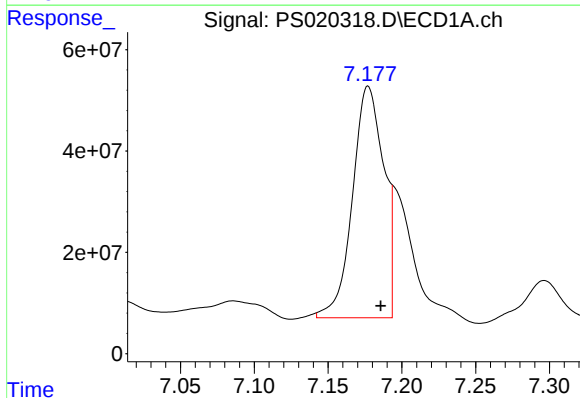
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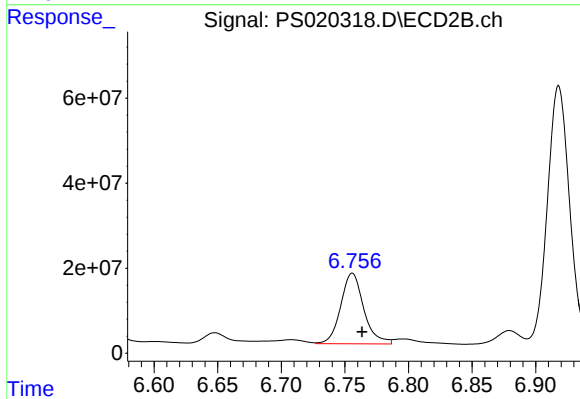
#3 4-Nitrophenol

R.T.: 6.386 min
Delta R.T.: -0.011 min
Response: 25090806
Conc: 51.09 ng/ml



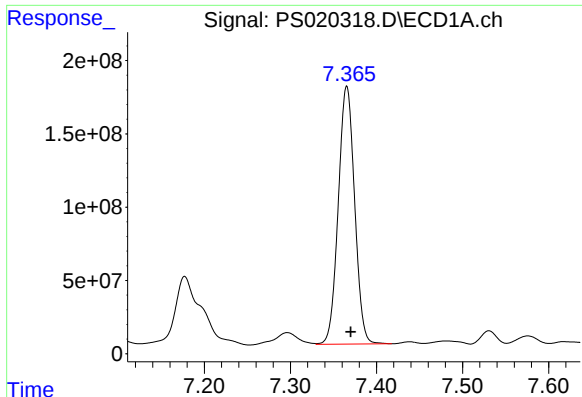
#4 2,4-DCAA

R.T.: 7.177 min
Delta R.T.: -0.009 min
Response: 686303593
Conc: 232.75 ng/ml m



#4 2,4-DCAA

R.T.: 6.756 min
Delta R.T.: -0.008 min
Response: 209345097
Conc: 256.88 ng/ml



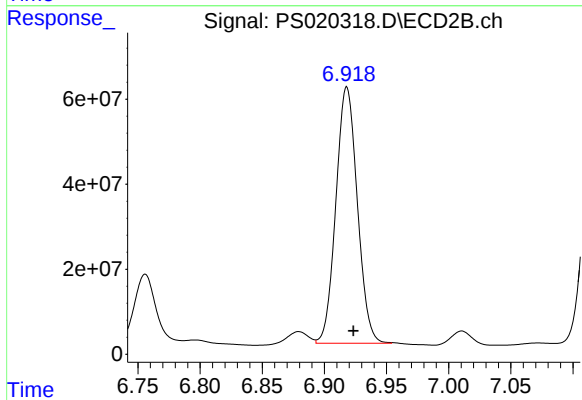
#5 DICAMBA

R.T.: 7.365 min
Delta R.T.: -0.005 min
Response: 2324236636
Conc: 201.96 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP3-0816MSD

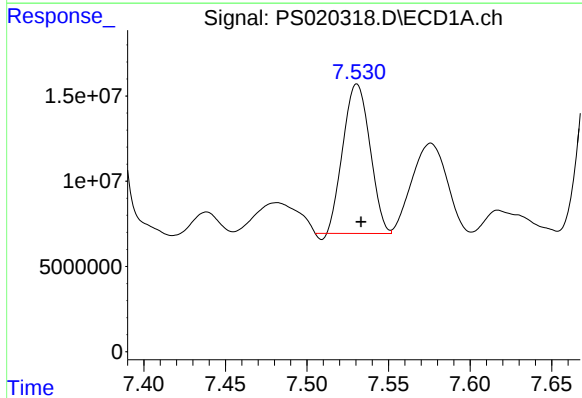
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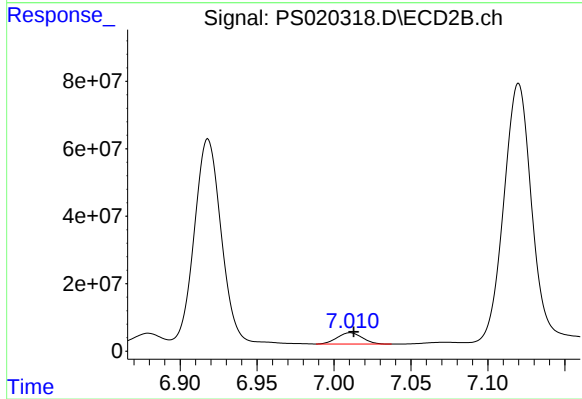
#5 DICAMBA

R.T.: 6.918 min
Delta R.T.: -0.006 min
Response: 724213727
Conc: 203.20 ng/ml m



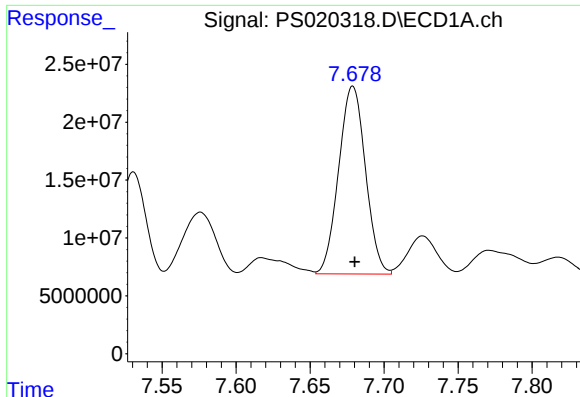
#6 MCP

R.T.: 7.531 min
Delta R.T.: -0.003 min
Response: 100133282
Conc: 10.79 ug/ml



#6 MCP

R.T.: 7.011 min
Delta R.T.: -0.002 min
Response: 37798462
Conc: 13.86 ug/ml



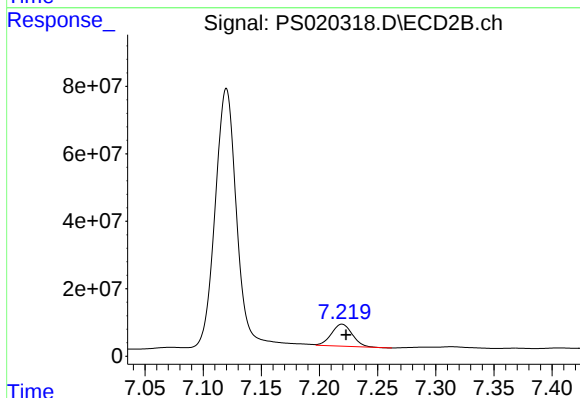
#7 MCPA

R.T.: 7.679 min
Delta R.T.: -0.001 min
Response: 204390179
Conc: 15.87 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP3-0816MSD

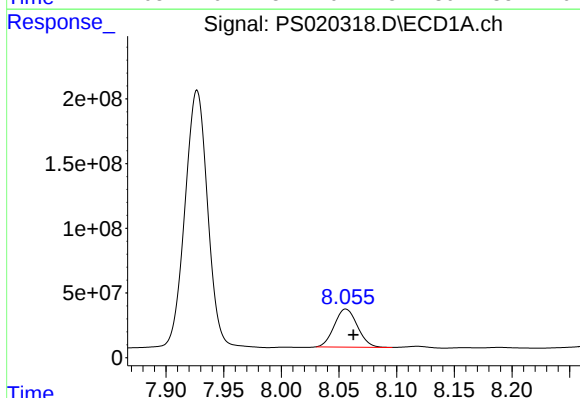
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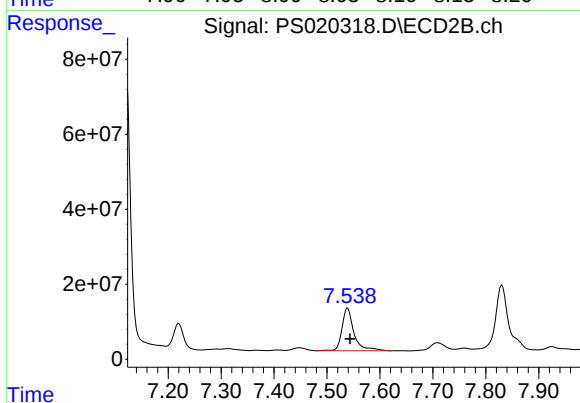
#7 MCPA

R.T.: 7.219 min
Delta R.T.: -0.003 min
Response: 81064906
Conc: 19.26 ug/ml



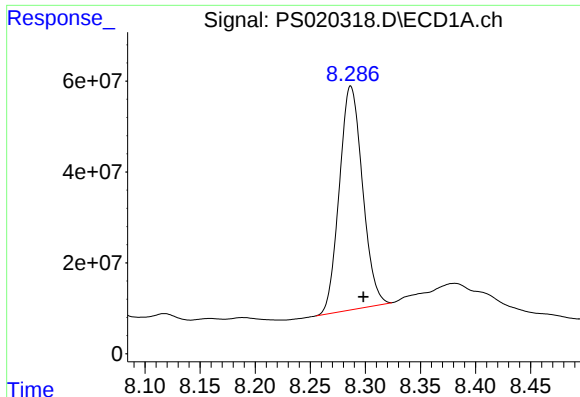
#8 DICHLORPROP

R.T.: 8.056 min
Delta R.T.: -0.006 min
Response: 410072799
Conc: 143.26 ng/ml



#8 DICHLORPROP

R.T.: 7.538 min
Delta R.T.: -0.005 min
Response: 178506838
Conc: 190.89 ng/ml



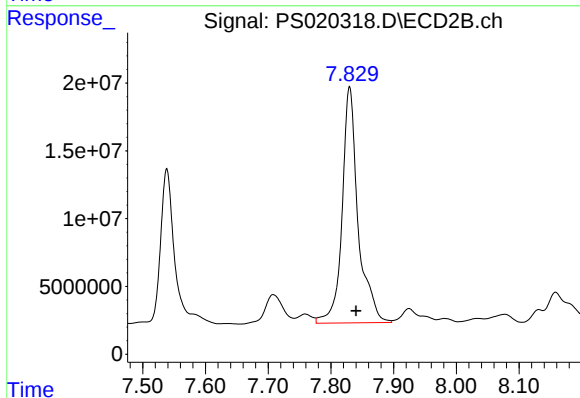
#9 2,4-D

R.T.: 8.287 min
Delta R.T.: -0.011 min
Response: 720258078
Conc: 239.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP3-0816MSD

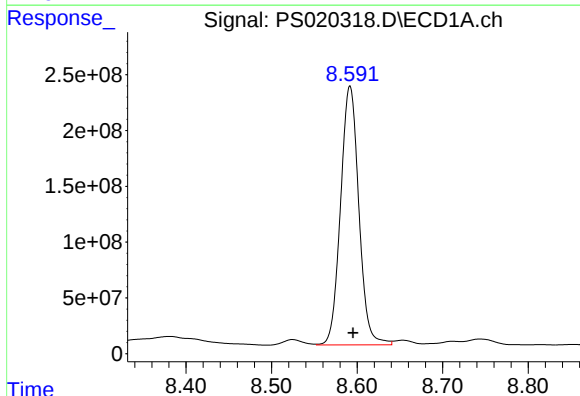
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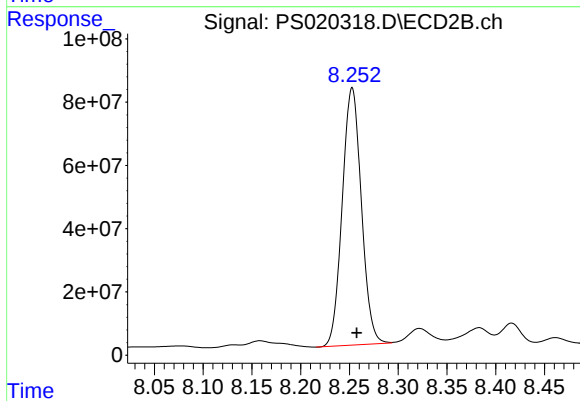
#9 2,4-D

R.T.: 7.830 min
Delta R.T.: -0.010 min
Response: 308504714
Conc: 263.01 ng/ml



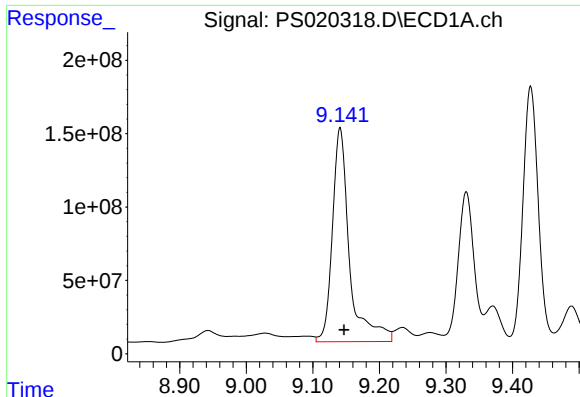
#10 Pentachlorophenol

R.T.: 8.592 min
Delta R.T.: -0.003 min
Response: 3448181866
Conc: 88.15 ng/ml



#10 Pentachlorophenol

R.T.: 8.253 min
Delta R.T.: -0.005 min
Response: 1112893228
Conc: 86.97 ng/ml



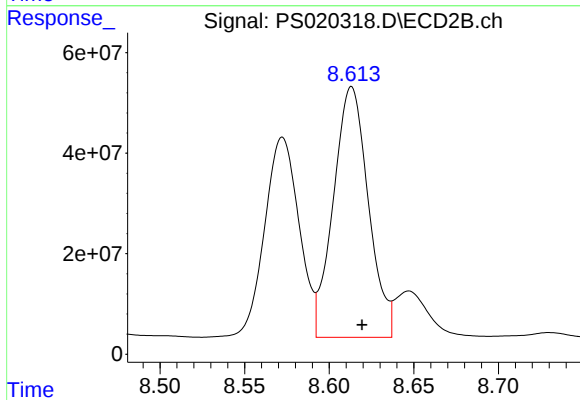
#11 2,4,5-TP (SILVEX)

R.T.: 9.141 min
Delta R.T.: -0.006 min
Response: 2601143191
Conc: 152.67 ng/ml

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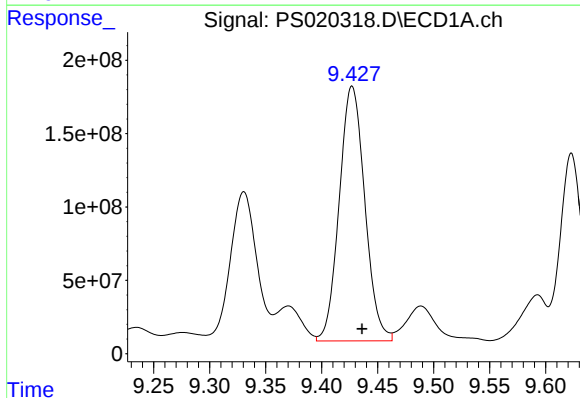
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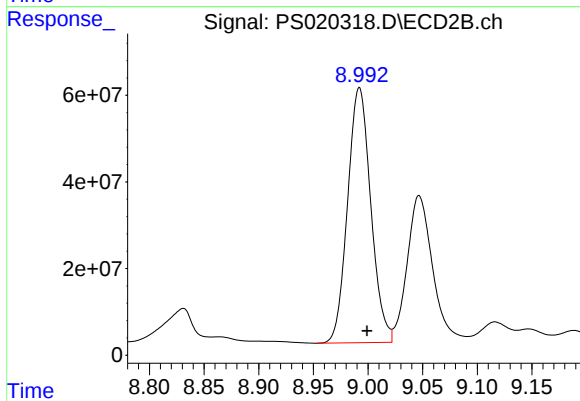
#11 2,4,5-TP (SILVEX)

R.T.: 8.613 min
Delta R.T.: -0.006 min
Response: 717963938
Conc: 134.23 ng/ml



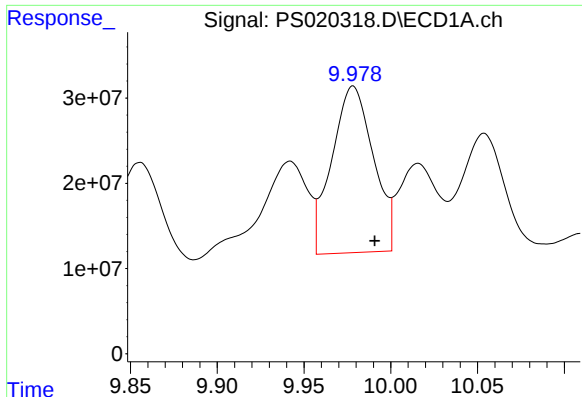
#12 2,4,5-T

R.T.: 9.427 min
Delta R.T.: -0.009 min
Response: 2759537437
Conc: 152.03 ng/ml



#12 2,4,5-T

R.T.: 8.992 min
Delta R.T.: -0.007 min
Response: 869420749
Conc: 170.80 ng/ml



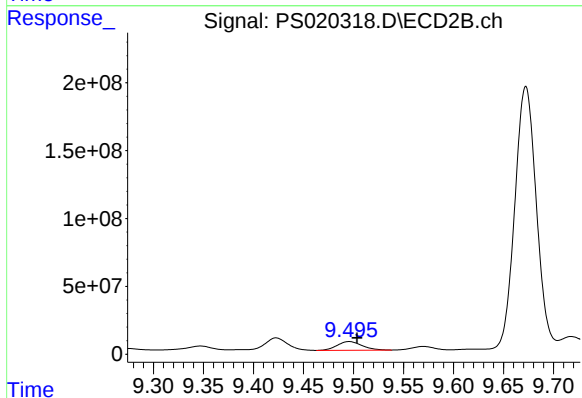
#13 2,4-DB

R.T.: 9.978 min
Delta R.T.: -0.013 min
Response: 326660059
Conc: 89.51 ng/ml

Instrument :
ECD_S
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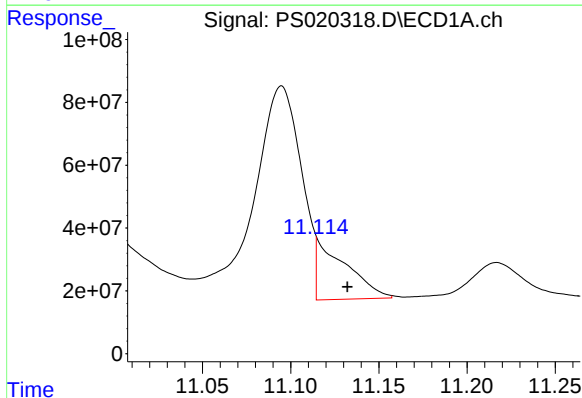
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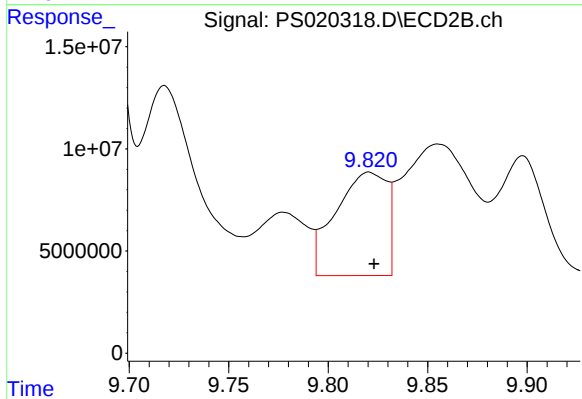
#13 2,4-DB

R.T.: 9.496 min
Delta R.T.: -0.008 min
Response: 110053107
Conc: 161.81 ng/ml



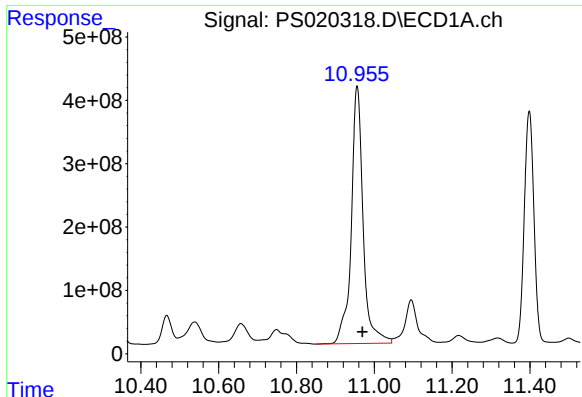
#14 DINOSEB

R.T.: 11.114 min
Delta R.T.: -0.018 min
Response: 225442722
Conc: 14.17 ng/ml m



#14 DINOSEB

R.T.: 9.821 min
Delta R.T.: -0.002 min
Response: 90868311
Conc: 23.95 ng/ml



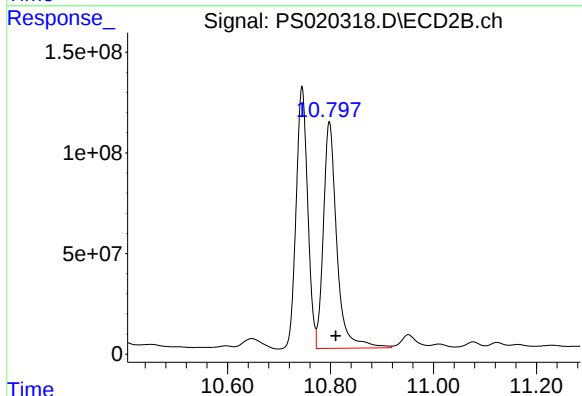
#15 Picloram

R.T.: 10.956 min
Delta R.T.: -0.013 min
Response: 8616500192
Conc: 272.51 ng/ml

Instrument :
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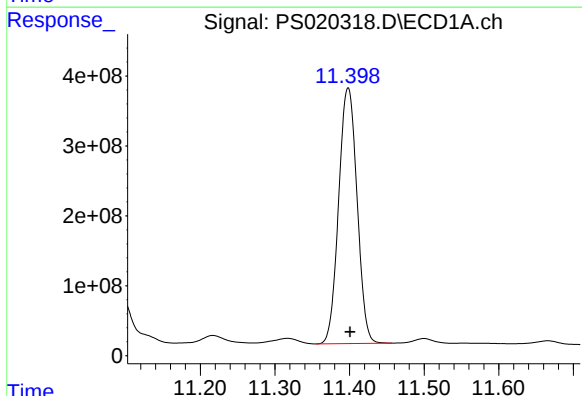
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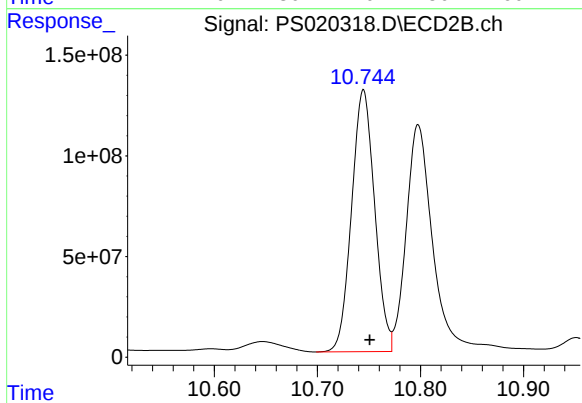
#15 Picloram

R.T.: 10.798 min
Delta R.T.: -0.012 min
Response: 2046821074
Conc: 271.29 ng/ml



#16 DCPA

R.T.: 11.398 min
Delta R.T.: -0.003 min
Response: 6258189681
Conc: 254.56 ng/ml



#16 DCPA

R.T.: 10.745 min
Delta R.T.: -0.006 min
Response: 2024228670
Conc: 305.30 ng/ml