

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS021723\
 Data File : PS022189.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Feb 2023 01:24
 Operator : AR\AJ
 Sample : 01572-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 RBR-200028MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/20/2023
 Supervised By : Ankita Jodhani 02/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 18 04:50:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS020223.M
 Quant Title : 8080.M
 QLast Update : Fri Feb 03 10:03:01 2023
 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 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	6.294	6.722	493.1E6	428.5E6	216.338m	211.688
Target Compounds							
1) T	Dalapon	2.402	2.482	562.4E6	1177.1E6	181.145m	378.280m#
2) T	3,5-DICHL...	5.678	5.923	465.4E6	374.1E6	135.161	125.199
3) T	4-Nitroph...	6.138	6.349	224.7E6	186.6E6	166.953m	139.767m
5) T	DICAMBA	6.432	6.881	1936.3E6	1581.9E6	200.187	167.441
6) T	MCPD	6.580	6.973	59862628	64355128	8.313	8.623
7) T	MCPA	6.701	7.183	163.6E6	191.3E6	16.336	19.045
8) T	DICHLORPROP	7.017	7.502	233.0E6	307.6E6	94.260	128.585m#
9) T	2,4-D	7.217	7.790	589.4E6	554.3E6	196.048	196.589
10) T	Pentachlo...	7.439	8.211	2185.0E6	1760.5E6	66.174	55.414
11) T	2,4,5-TP ...	7.966	8.574	1083.4E6	914.4E6	81.314	69.424
12) T	2,4,5-T	8.224	8.949	1667.4E6	1329.2E6	116.184	109.987
13) T	2,4-DB	8.742	9.458	181.5E6	166.4E6	82.535m	98.552
14) T	DINOSEB	9.776	9.796	85806673	220.4E6	8.344	23.582 #
15) T	Picloram	9.613	10.746	5992.9E6	4559.0E6	321.794	251.199
16) T	DCPA	10.043	10.703	7537.7E6	5162.7E6	443.627	335.455

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

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Acq On : 18 Feb 2023 01:24
Operator : AR\AJ
Sample : 01572-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

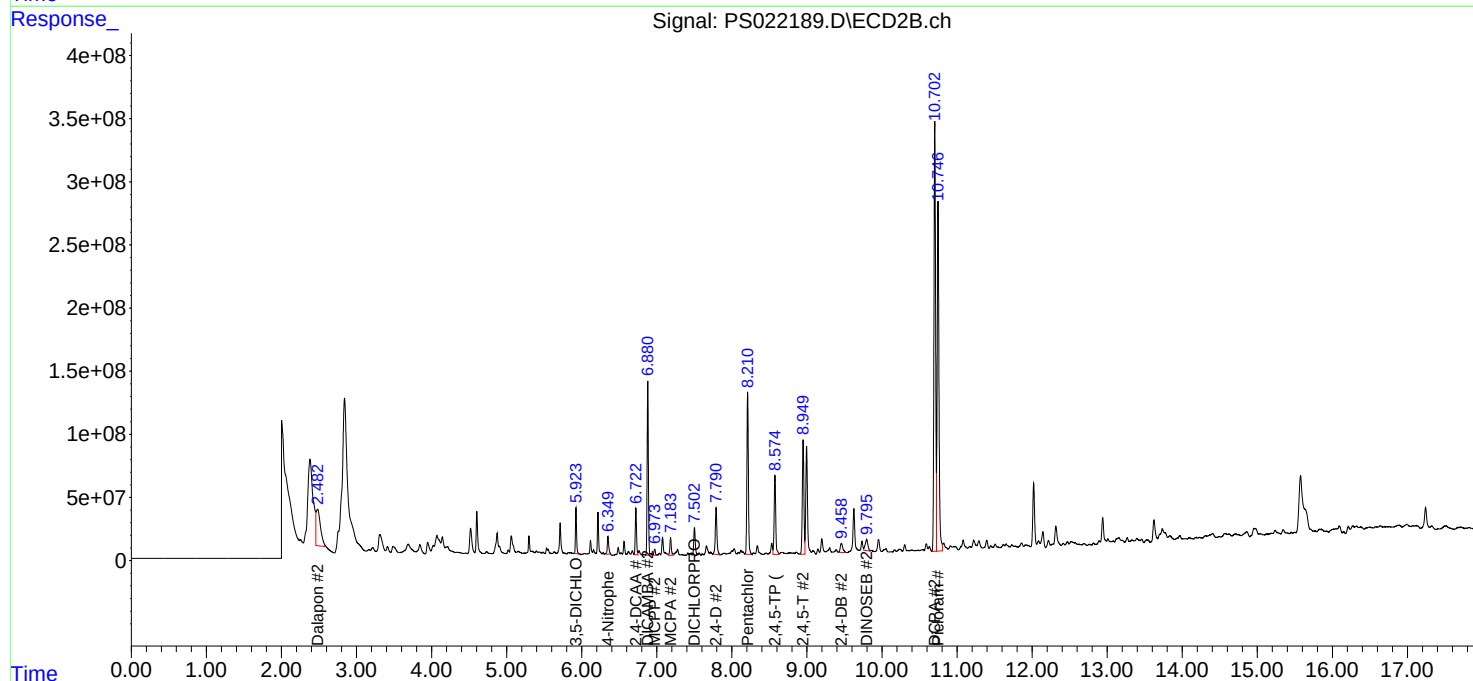
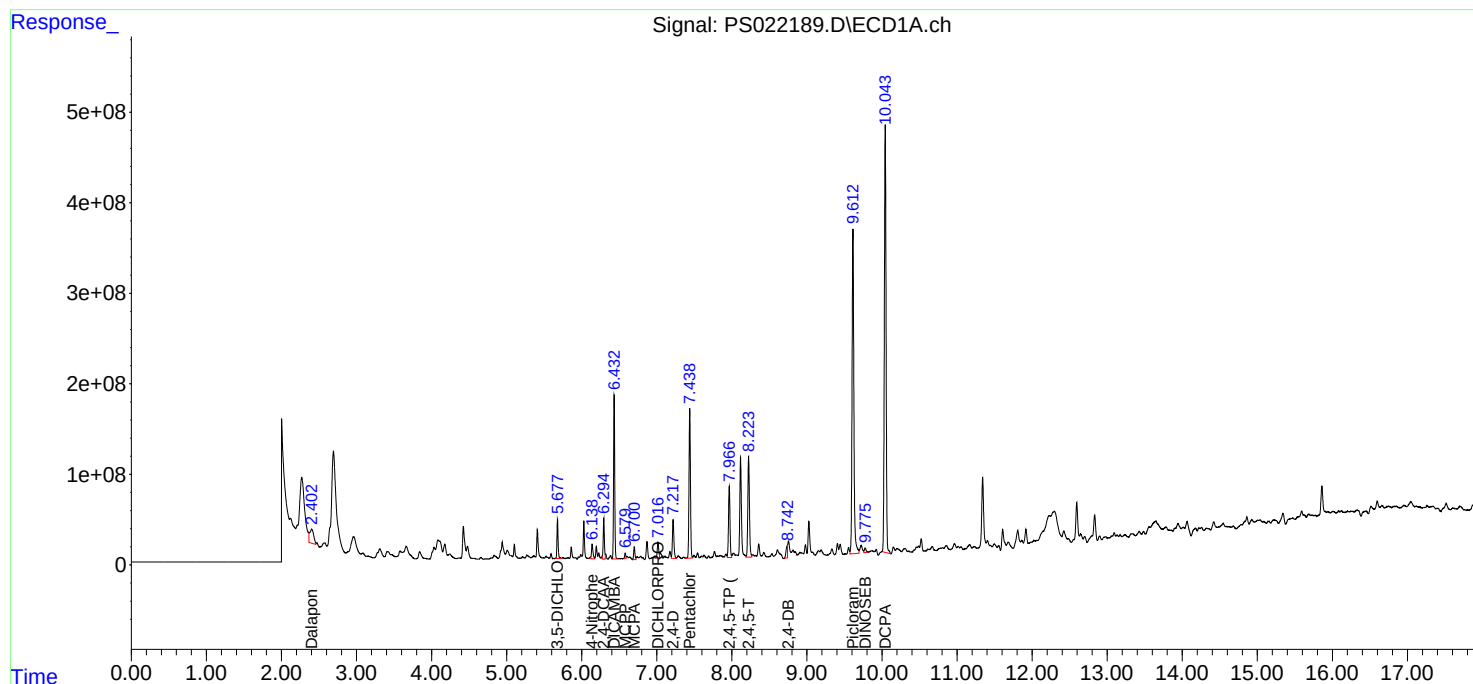
Instrument :
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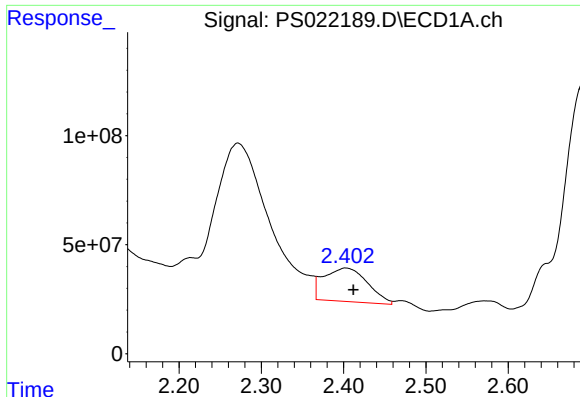
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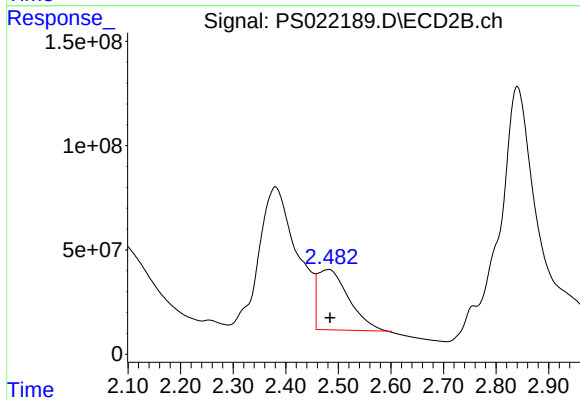
#1 Dalapon

R.T.: 2.402 min
Delta R.T.: -0.010 min
Response: 562432300
Conc: 181.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
RBR-200028MSD

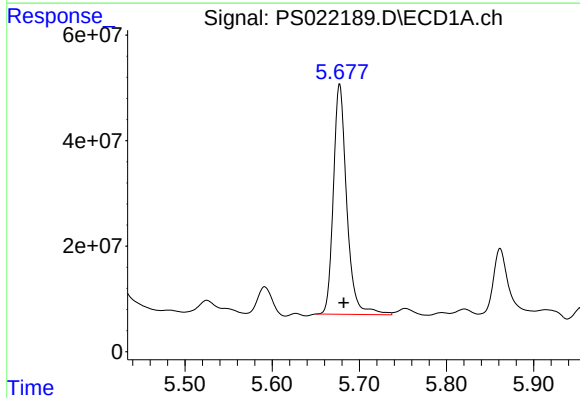
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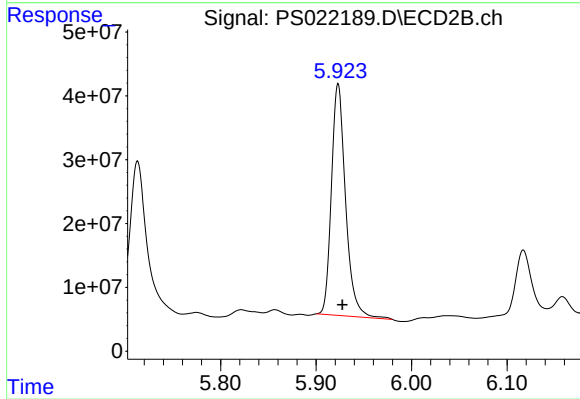
#1 Dalapon

R.T.: 2.482 min
Delta R.T.: -0.003 min
Response: 1177067649
Conc: 378.28 ng/ml m



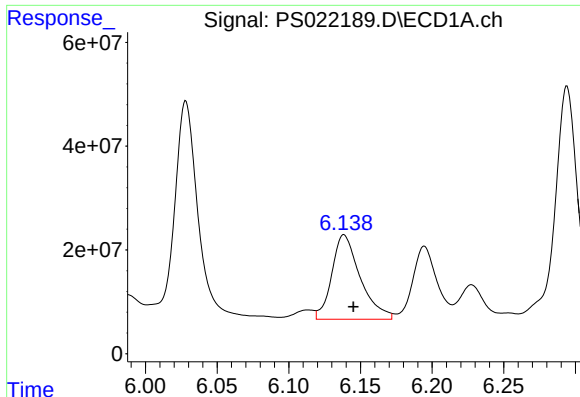
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.678 min
Delta R.T.: -0.005 min
Response: 465443974
Conc: 135.16 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.923 min
Delta R.T.: -0.004 min
Response: 374122895
Conc: 125.20 ng/ml



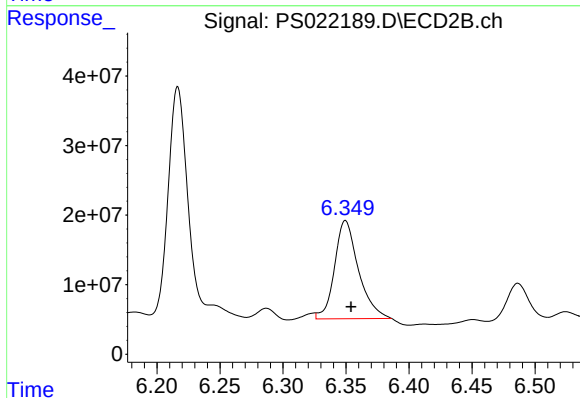
#3 4-Nitrophenol

R.T.: 6.138 min
Delta R.T.: -0.007 min
Response: 224697446
Conc: 166.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
RBR-200028MSD

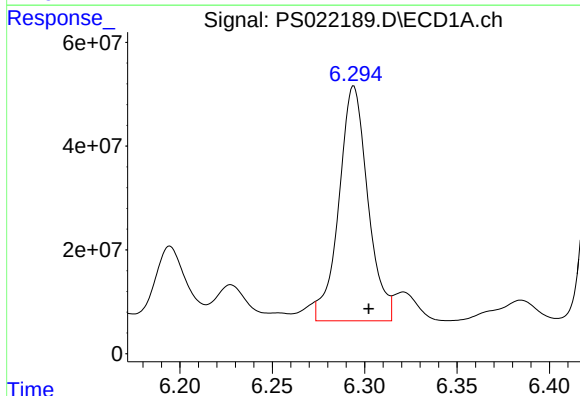
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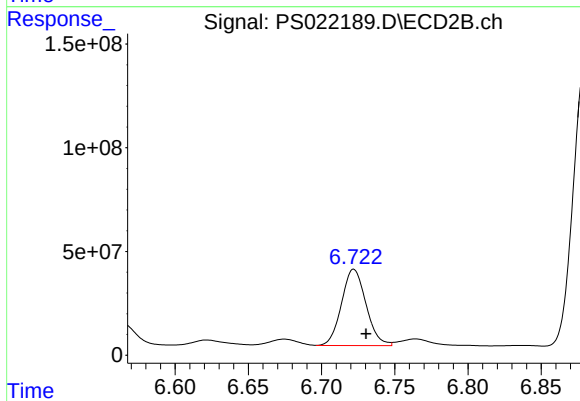
#3 4-Nitrophenol

R.T.: 6.349 min
Delta R.T.: -0.005 min
Response: 186647340
Conc: 139.77 ng/ml m



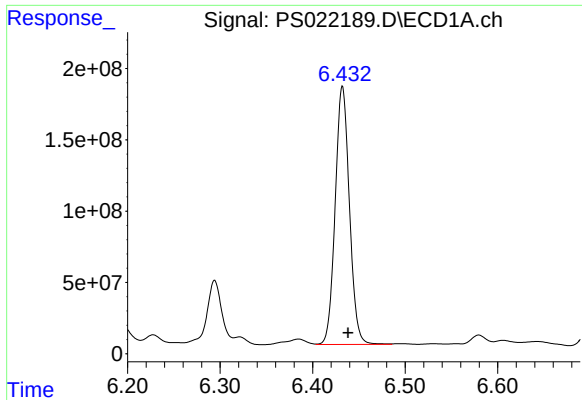
#4 2,4-DCAA

R.T.: 6.294 min
Delta R.T.: -0.008 min
Response: 493114066
Conc: 216.34 ng/ml m



#4 2,4-DCAA

R.T.: 6.722 min
Delta R.T.: -0.008 min
Response: 428506681
Conc: 211.69 ng/ml



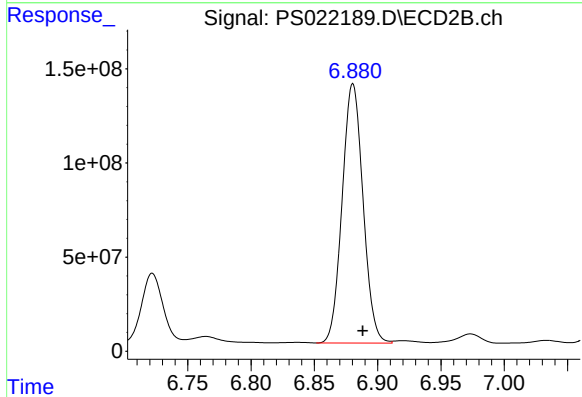
#5 DICAMBA

R.T.: 6.432 min
Delta R.T.: -0.006 min
Response: 1936342851
Conc: 200.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
RBR-200028MSD

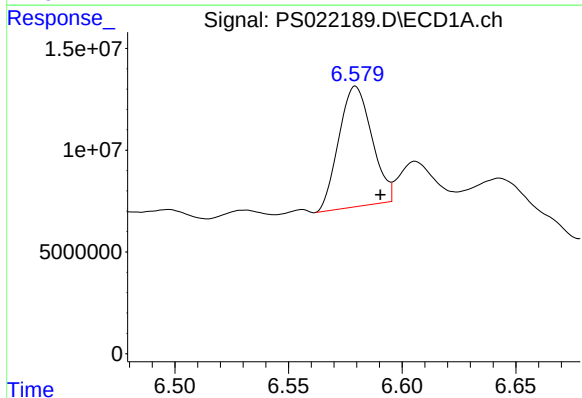
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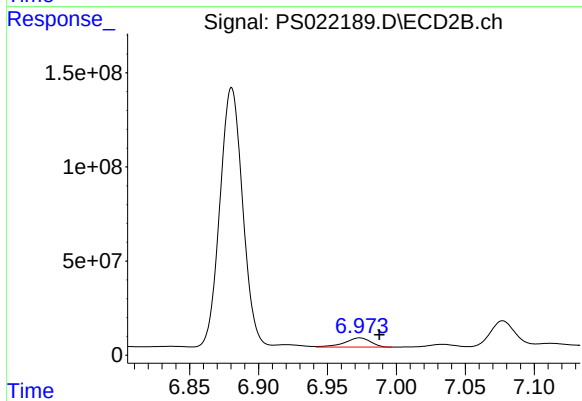
#5 DICAMBA

R.T.: 6.881 min
Delta R.T.: -0.008 min
Response: 1581910217
Conc: 167.44 ng/ml



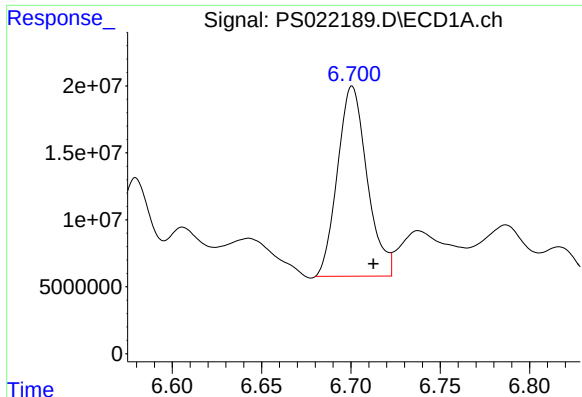
#6 MCP

R.T.: 6.580 min
Delta R.T.: -0.011 min
Response: 59862628
Conc: 8.31 ug/ml



#6 MCP

R.T.: 6.973 min
Delta R.T.: -0.014 min
Response: 64355128
Conc: 8.62 ug/ml



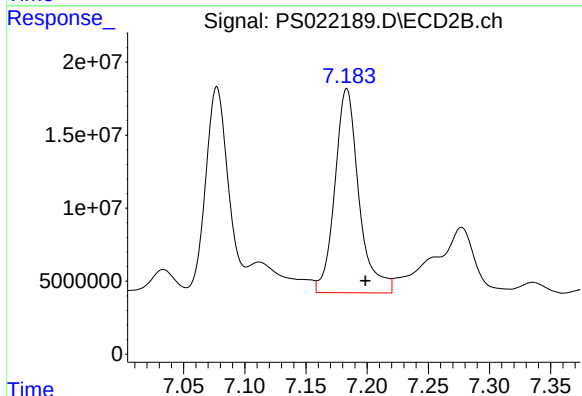
#7 MCPA

R.T.: 6.701 min
Delta R.T.: -0.012 min
Response: 163594452
Conc: 16.34 ug/ml

Instrument :
ECD_S
ClientSampleId :
RBR-200028MSD

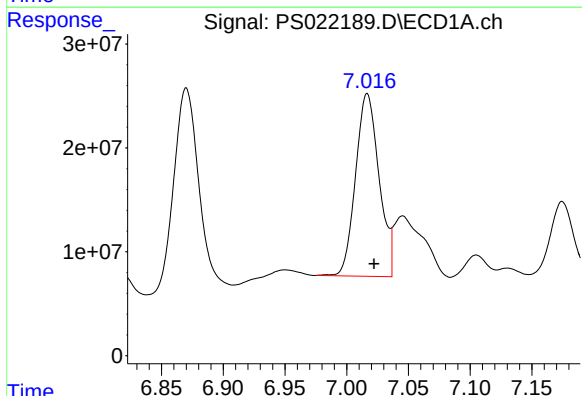
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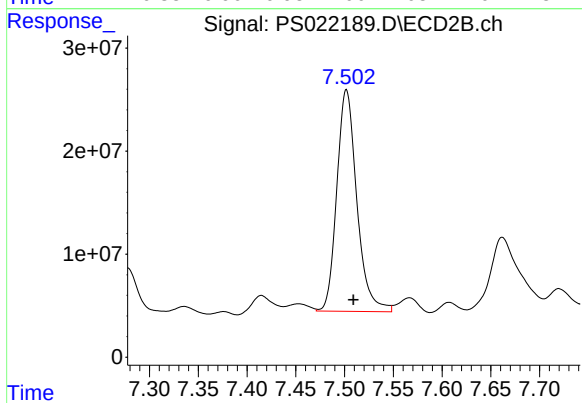
#7 MCPA

R.T.: 7.183 min
Delta R.T.: -0.015 min
Response: 191300108
Conc: 19.04 ug/ml



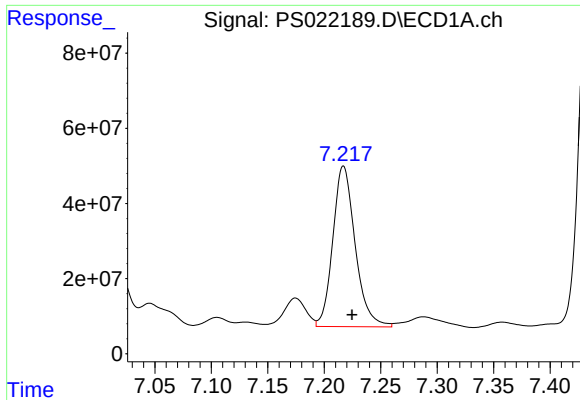
#8 DICHLORPROP

R.T.: 7.017 min
Delta R.T.: -0.005 min
Response: 233037384
Conc: 94.26 ng/ml



#8 DICHLORPROP

R.T.: 7.502 min
Delta R.T.: -0.007 min
Response: 307640898
Conc: 128.59 ng/ml m



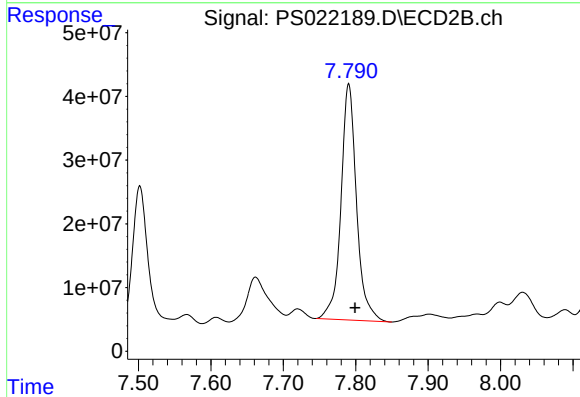
#9 2,4-D

R.T.: 7.217 min
Delta R.T.: -0.008 min
Response: 589411782
Conc: 196.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
RBR-200028MSD

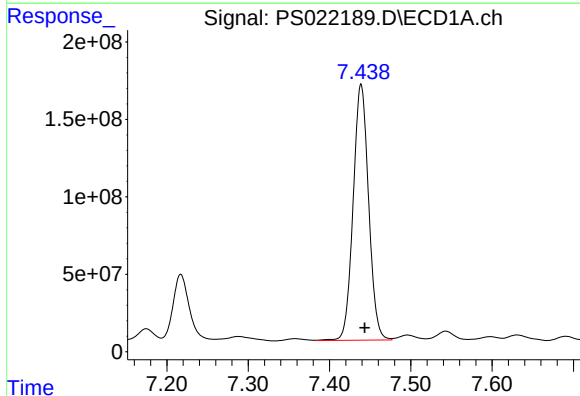
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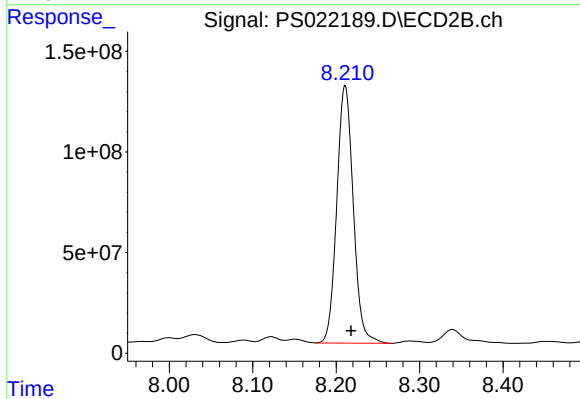
#9 2,4-D

R.T.: 7.790 min
Delta R.T.: -0.009 min
Response: 554330444
Conc: 196.59 ng/ml



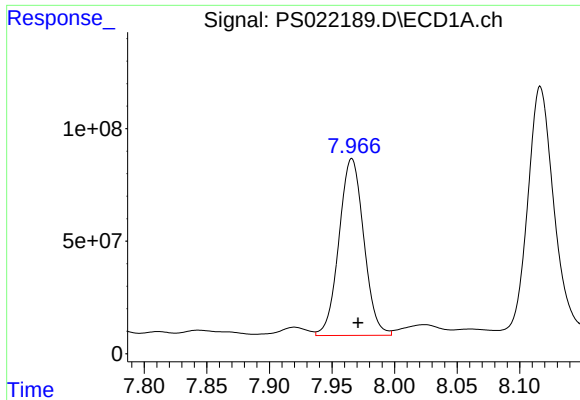
#10 Pentachlorophenol

R.T.: 7.439 min
Delta R.T.: -0.004 min
Response: 2185013130
Conc: 66.17 ng/ml



#10 Pentachlorophenol

R.T.: 8.211 min
Delta R.T.: -0.007 min
Response: 1760514556
Conc: 55.41 ng/ml



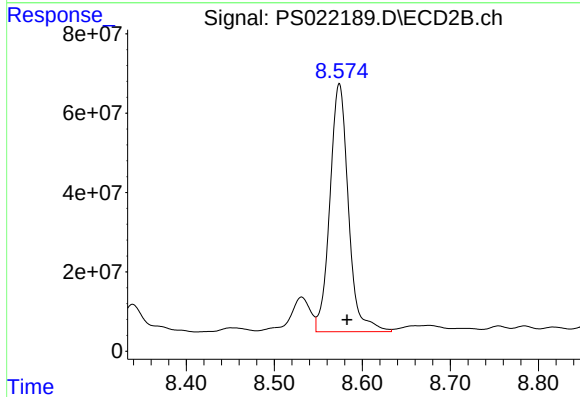
#11 2,4,5-TP (SILVEX)

R.T.: 7.966 min
Delta R.T.: -0.005 min
Response: 1083375828
Conc: 81.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
RBR-200028MSD

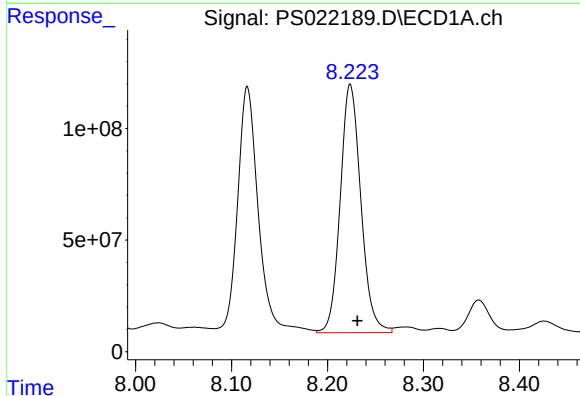
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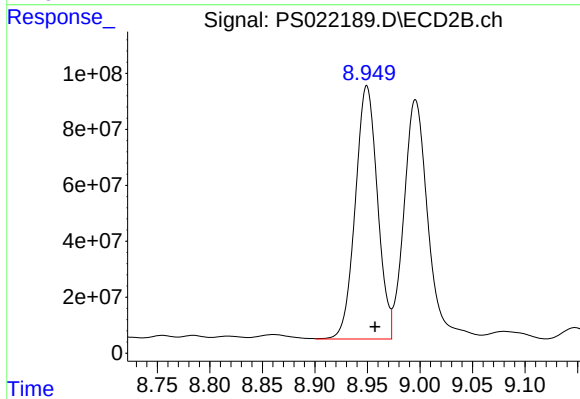
#11 2,4,5-TP (SILVEX)

R.T.: 8.574 min
Delta R.T.: -0.009 min
Response: 914358275
Conc: 69.42 ng/ml



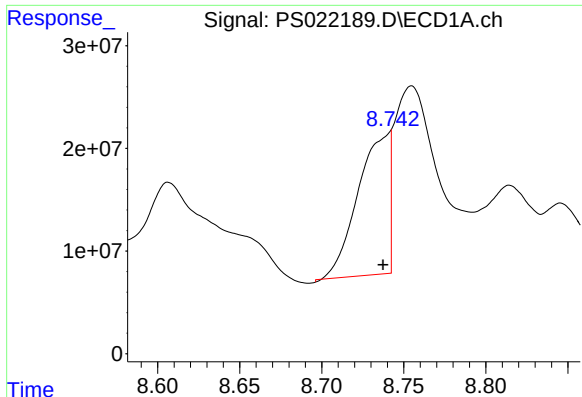
#12 2,4,5-T

R.T.: 8.224 min
Delta R.T.: -0.008 min
Response: 1667422723
Conc: 116.18 ng/ml



#12 2,4,5-T

R.T.: 8.949 min
Delta R.T.: -0.008 min
Response: 1329179523
Conc: 109.99 ng/ml



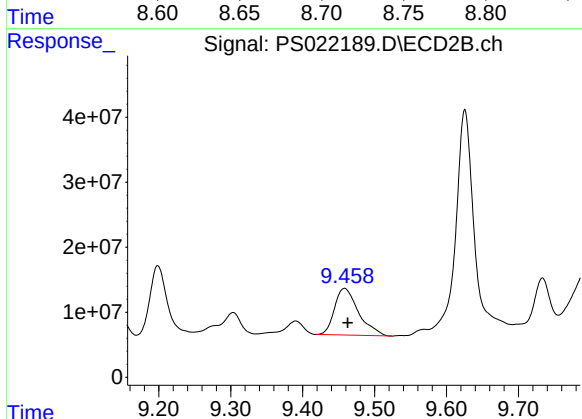
#13 2,4-DB

R.T.: 8.742 min
Delta R.T.: 0.004 min
Response: 181469116
Conc: 82.53 ng/ml

Instrument :
ECD_S
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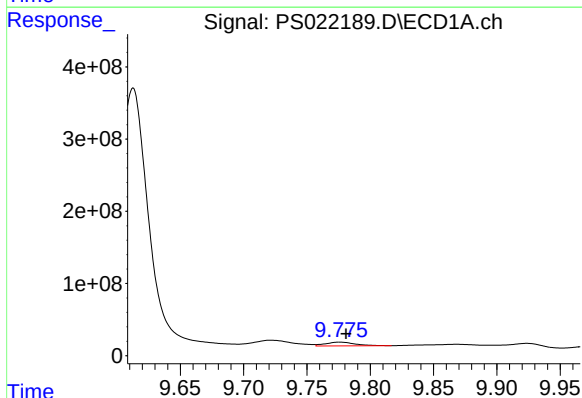
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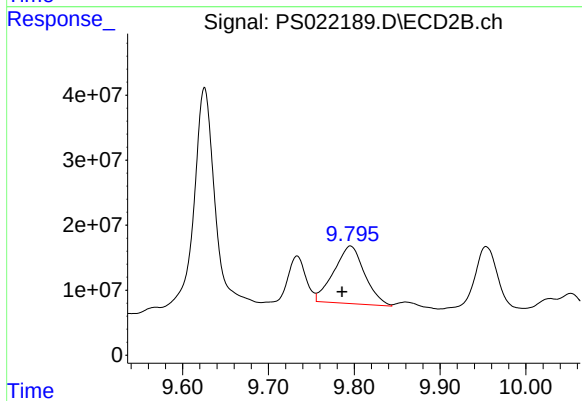
#13 2,4-DB

R.T.: 9.458 min
Delta R.T.: -0.004 min
Response: 166415046
Conc: 98.55 ng/ml



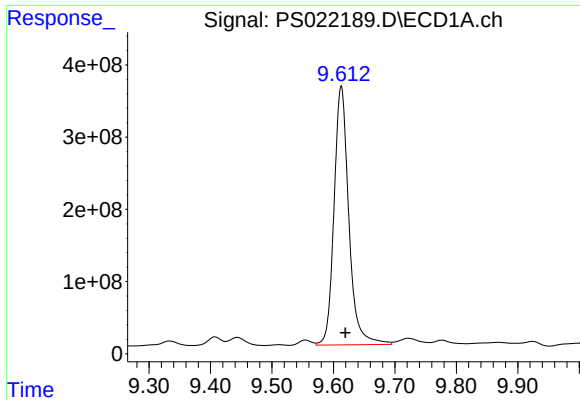
#14 DINOSEB

R.T.: 9.776 min
Delta R.T.: -0.005 min
Response: 85806673
Conc: 8.34 ng/ml



#14 DINOSEB

R.T.: 9.796 min
Delta R.T.: 0.010 min
Response: 220430119
Conc: 23.58 ng/ml



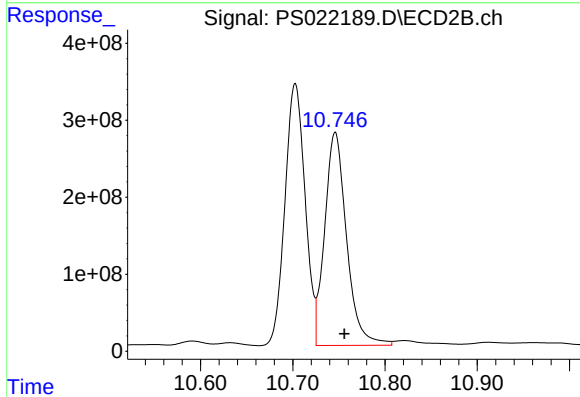
#15 Picloram

R.T.: 9.613 min
Delta R.T.: -0.007 min
Response: 5992916202
Conc: 321.79 ng/ml

Instrument :
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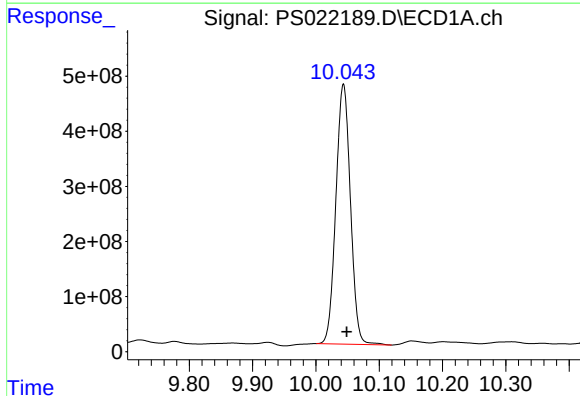
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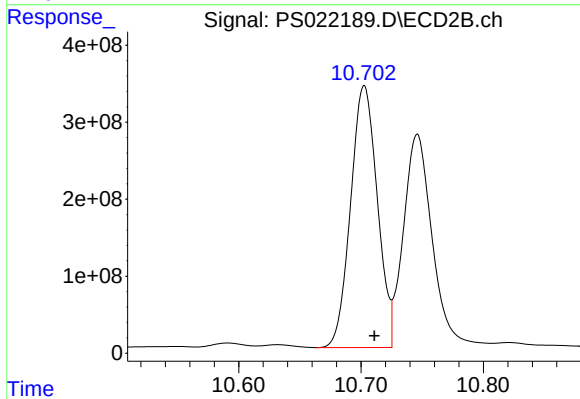
#15 Picloram

R.T.: 10.746 min
Delta R.T.: -0.010 min
Response: 4558984581
Conc: 251.20 ng/ml



#16 DCPA

R.T.: 10.043 min
Delta R.T.: -0.005 min
Response: 7537731654
Conc: 443.63 ng/ml



#16 DCPA

R.T.: 10.703 min
Delta R.T.: -0.008 min
Response: 5162685772
Conc: 335.46 ng/ml