

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051922\
 Data File : PS019475.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2022 18:45
 Operator : AJ\MA
 Sample : N2879-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP1-0516MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/20/2022
 Supervised By : mohammad ahmed 05/20/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 01:39:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS050422.M
 Quant Title : 8080.M
 QLast Update : Wed May 04 16:27:11 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 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	7.218	6.795	1376.2E6	468.3E6	503.932	604.592
Target Compounds							
1) T	Dalapon	3.025	2.531	629.5E6	196.9E6	130.400	221.465 #
2) T	3,5-DICHL...	6.429	5.974	484.1E6	152.5E6	136.964	130.746
3) T	4-Nitroph...	7.050	6.415	164.5E6	51498572	169.728	145.957
5) T	DICAMBA	7.408	6.961	1514.1E6	484.1E6	137.092	144.474
6) T	MCPD	7.573	7.053	110.2E6	32408293	12.329	12.187
7) T	MCPA	7.720	7.264	140.3E6	62526920	11.254	16.787 #
8) T	DICHLORPROP	8.102	7.584	339.9E6	155.1E6	121.493	181.009 #
9) T	2,4-D	8.333	7.877	448.4E6	172.6E6	142.119	172.810m
10) T	Pentachlo...	8.640	8.304	5488.1E6	1728.0E6	139.695	153.718
11) T	2,4,5-TP ...	9.191	8.665	2383.3E6	717.3E6	131.856	149.054
12) T	2,4,5-T	9.479	9.048	2622.1E6	650.4E6	123.971	150.195
13) T	2,4-DB	10.031	9.558	269.5E6	196.2E6	62.842	345.002 #
14) T	DINOSEB	11.154	9.878	3581.6E6	340.8E6	216.916	117.592 #
15) T	Picloram	11.019	10.864	4644.9E6	1045.7E6	158.910	174.838
16) T	DCPA	11.455	10.805	3047.4E6	940.3E6	116.443	160.177 #

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

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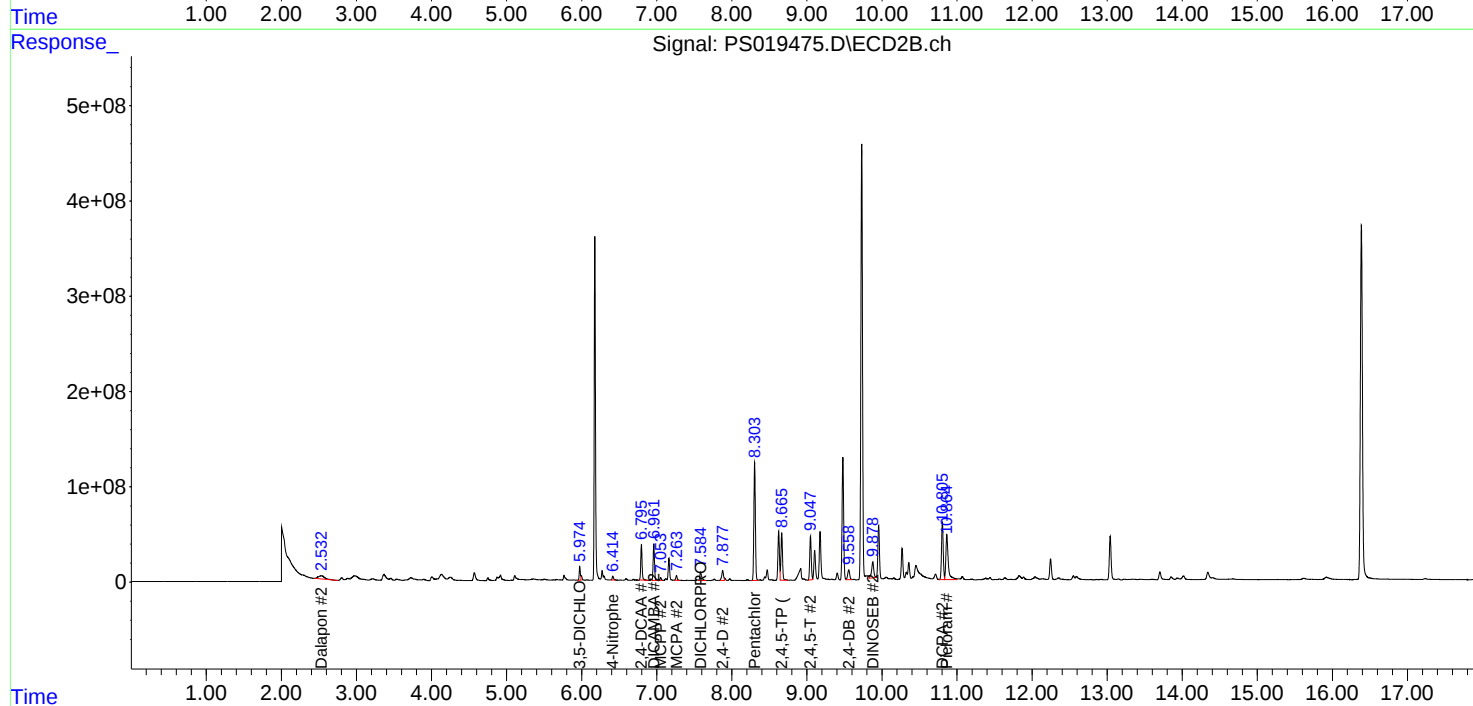
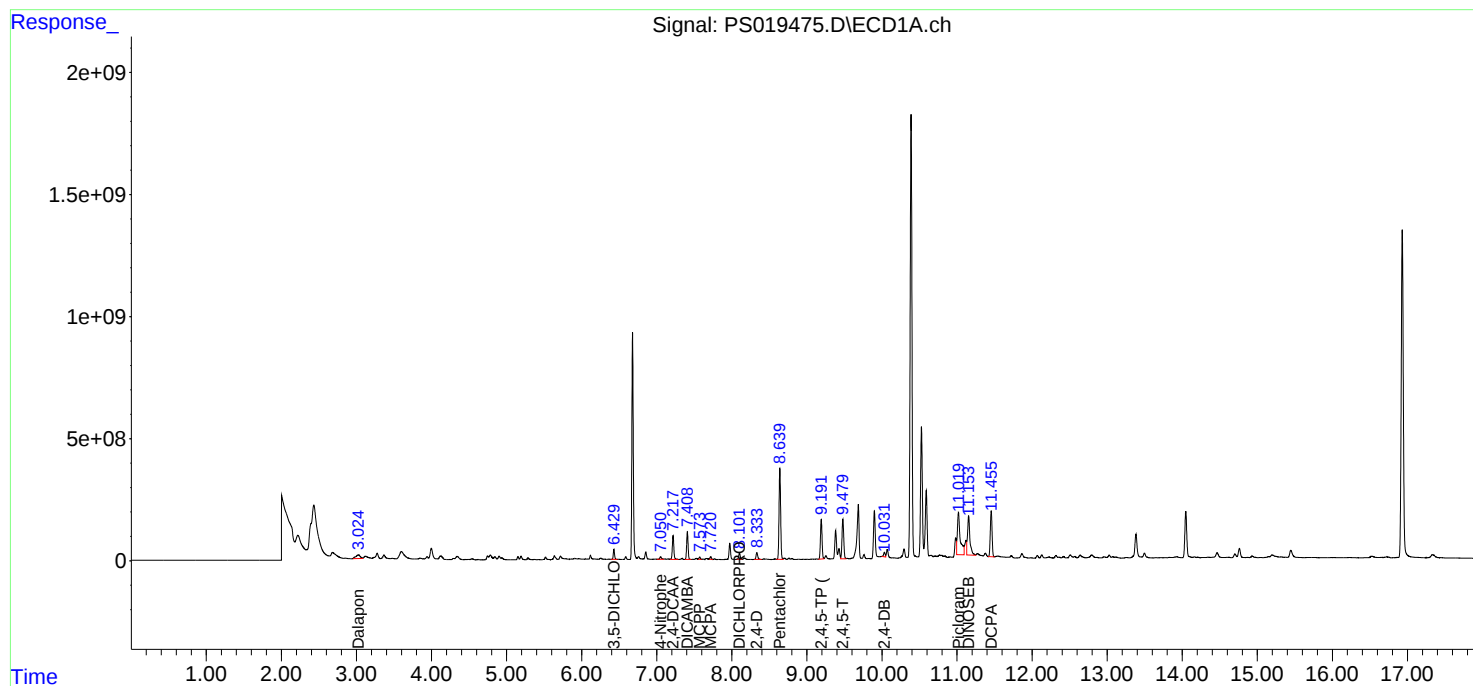
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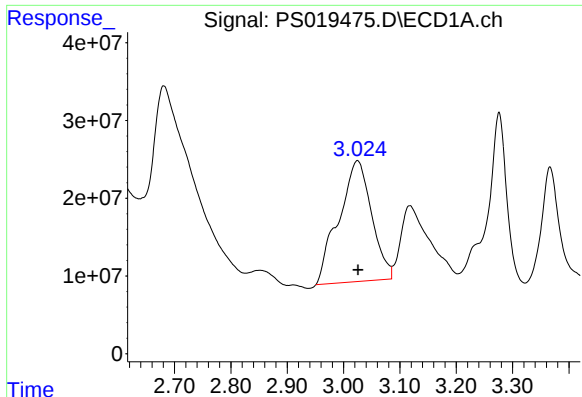
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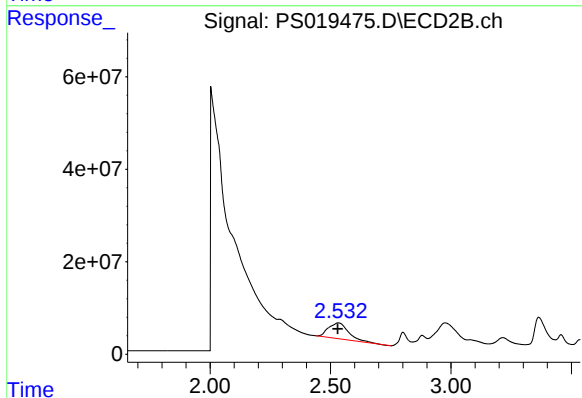
#1 Dalapon

R.T.: 3.025 min
Delta R.T.: -0.001 min
Response: 629529266
Conc: 130.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP1-0516MSD

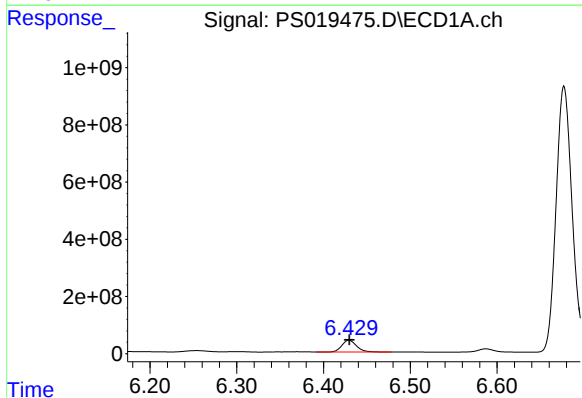
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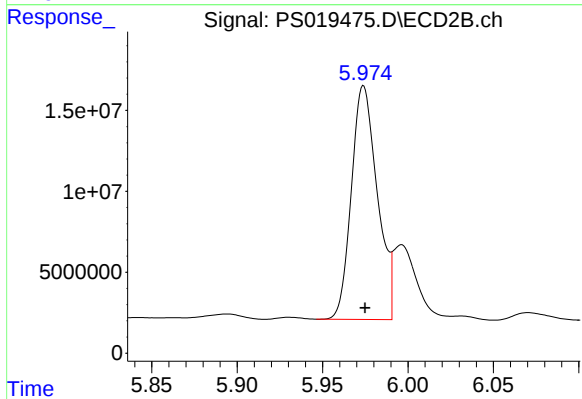
#1 Dalapon

R.T.: 2.531 min
Delta R.T.: 0.001 min
Response: 196864847
Conc: 221.46 ng/ml



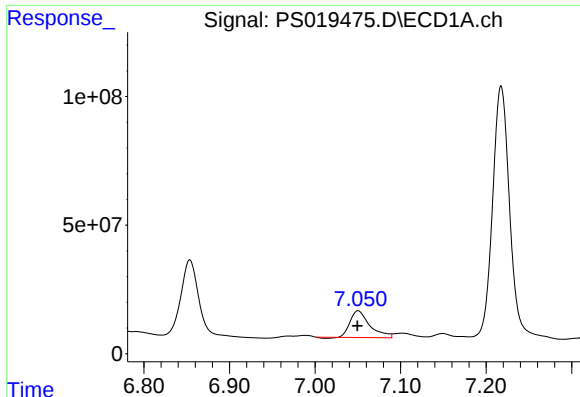
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.429 min
Delta R.T.: 0.000 min
Response: 484123761
Conc: 136.96 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 152481191
Conc: 130.75 ng/ml



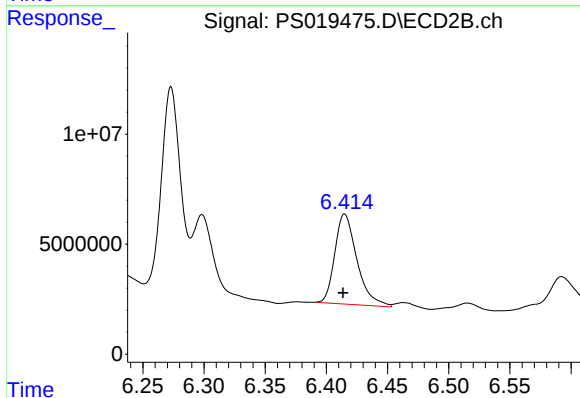
#3 4-Nitrophenol

R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 164481395
Conc: 169.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP1-0516MSD

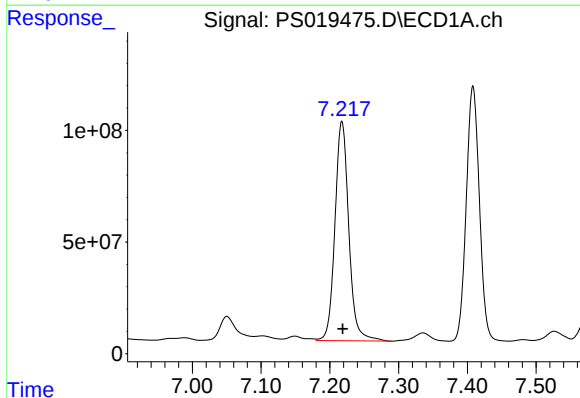
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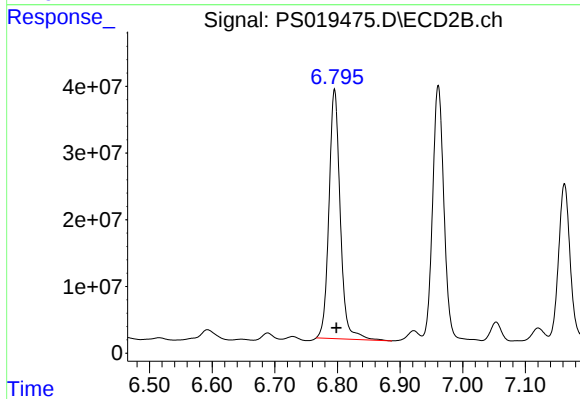
#3 4-Nitrophenol

R.T.: 6.415 min
Delta R.T.: 0.001 min
Response: 51498572
Conc: 145.96 ng/ml



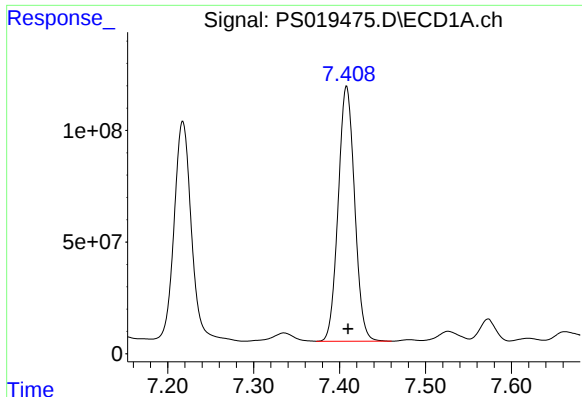
#4 2,4-DCAA

R.T.: 7.218 min
Delta R.T.: -0.001 min
Response: 1376175323
Conc: 503.93 ng/ml



#4 2,4-DCAA

R.T.: 6.795 min
Delta R.T.: -0.003 min
Response: 468290218
Conc: 604.59 ng/ml



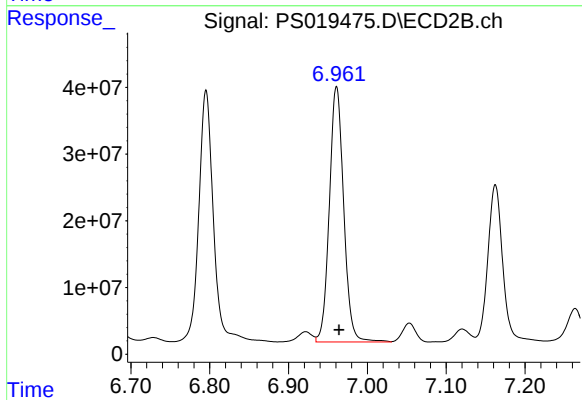
#5 DICAMBA

R.T.: 7.408 min
Delta R.T.: -0.002 min
Response: 1514085983
Conc: 137.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP1-0516MSD

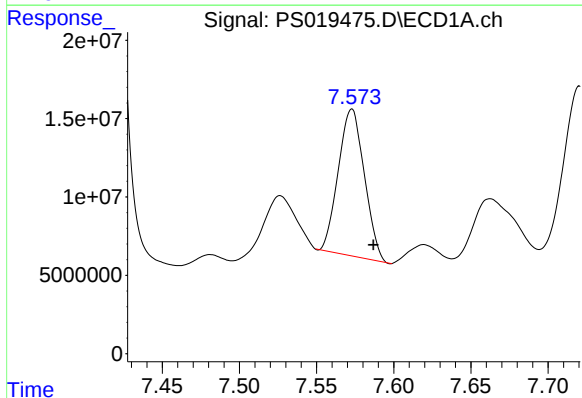
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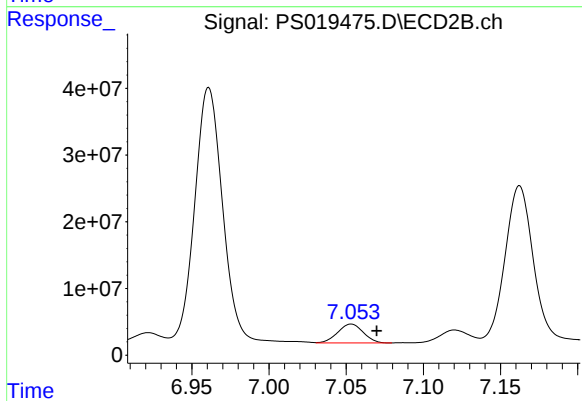
#5 DICAMBA

R.T.: 6.961 min
Delta R.T.: -0.003 min
Response: 484104817
Conc: 144.47 ng/ml



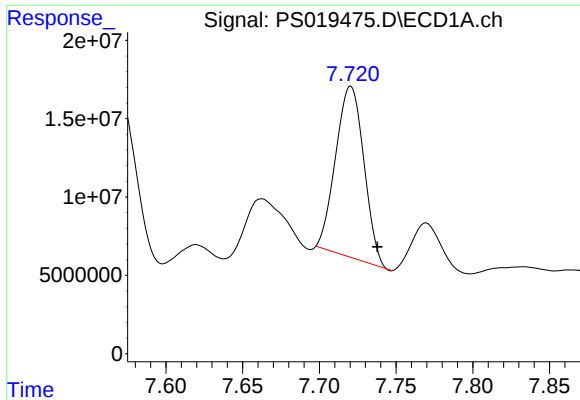
#6 MCP

R.T.: 7.573 min
Delta R.T.: -0.014 min
Response: 110207906
Conc: 12.33 ug/ml



#6 MCP

R.T.: 7.053 min
Delta R.T.: -0.017 min
Response: 32408293
Conc: 12.19 ug/ml



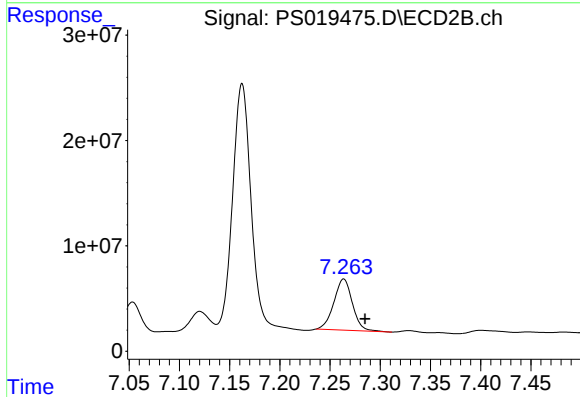
#7 MCPA

R.T.: 7.720 min
Delta R.T.: -0.018 min
Response: 140258029
Conc: 11.25 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP1-0516MSD

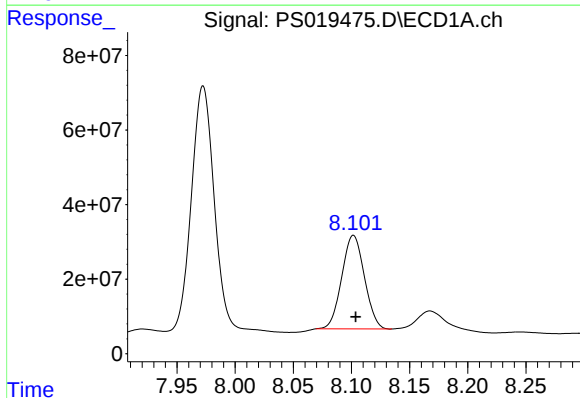
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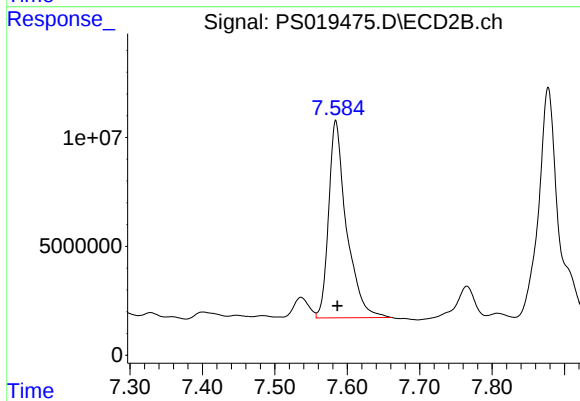
#7 MCPA

R.T.: 7.264 min
Delta R.T.: -0.021 min
Response: 62526920
Conc: 16.79 ug/ml



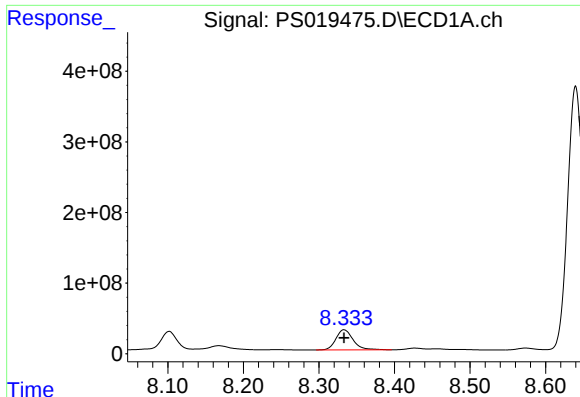
#8 DICHLORPROP

R.T.: 8.102 min
Delta R.T.: -0.002 min
Response: 339885000
Conc: 121.49 ng/ml



#8 DICHLORPROP

R.T.: 7.584 min
Delta R.T.: -0.002 min
Response: 155124030
Conc: 181.01 ng/ml



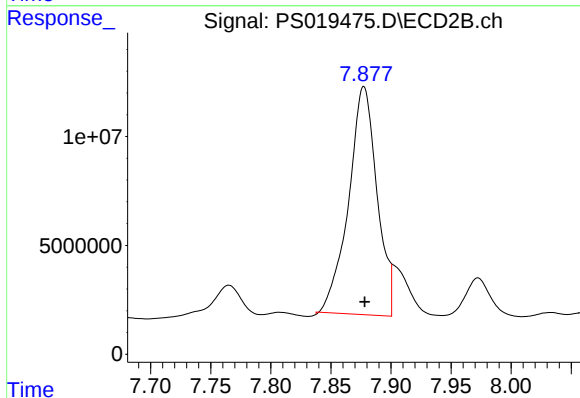
#9 2,4-D

R.T.: 8.333 min
Delta R.T.: 0.000 min
Response: 448356344
Conc: 142.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP1-0516MSD

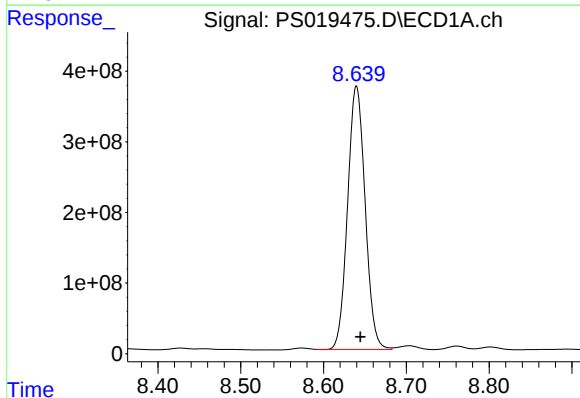
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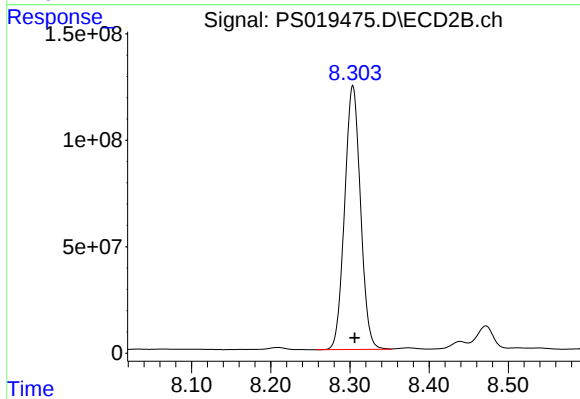
#9 2,4-D

R.T.: 7.877 min
Delta R.T.: -0.001 min
Response: 172573644
Conc: 172.81 ng/ml m



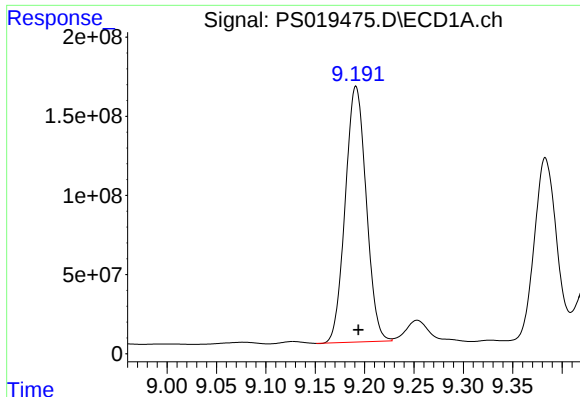
#10 Pentachlorophenol

R.T.: 8.640 min
Delta R.T.: -0.005 min
Response: 5488136257
Conc: 139.69 ng/ml



#10 Pentachlorophenol

R.T.: 8.304 min
Delta R.T.: -0.002 min
Response: 1728017740
Conc: 153.72 ng/ml



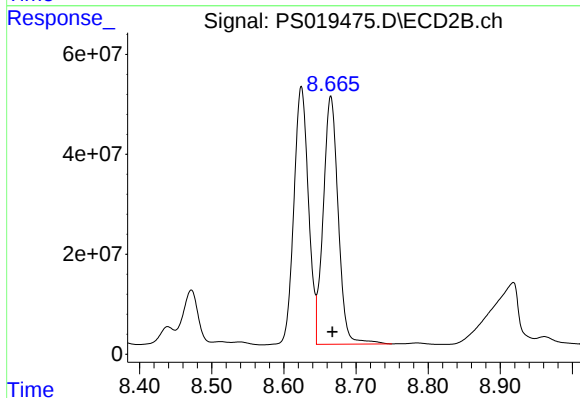
#11 2,4,5-TP (SILVEX)

R.T.: 9.191 min
Delta R.T.: -0.002 min
Response: 2383307581
Conc: 131.86 ng/ml

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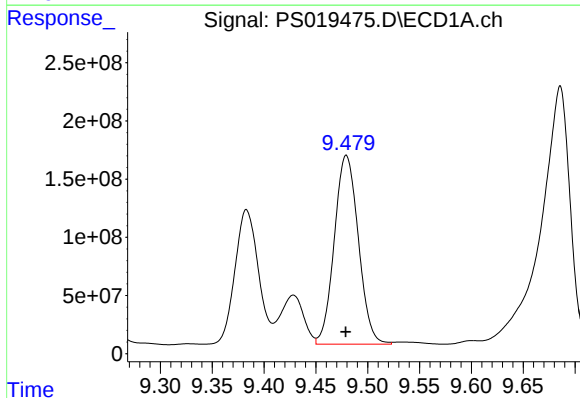
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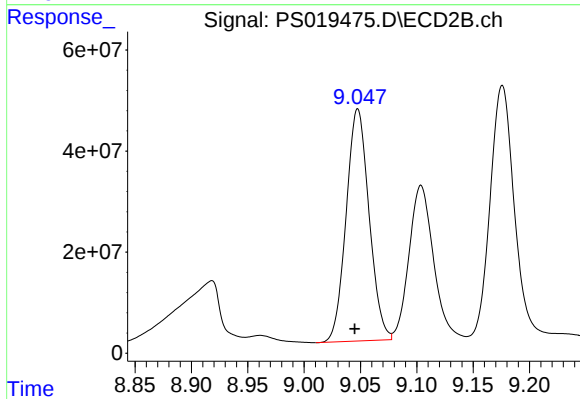
#11 2,4,5-TP (SILVEX)

R.T.: 8.665 min
Delta R.T.: -0.002 min
Response: 717330106
Conc: 149.05 ng/ml



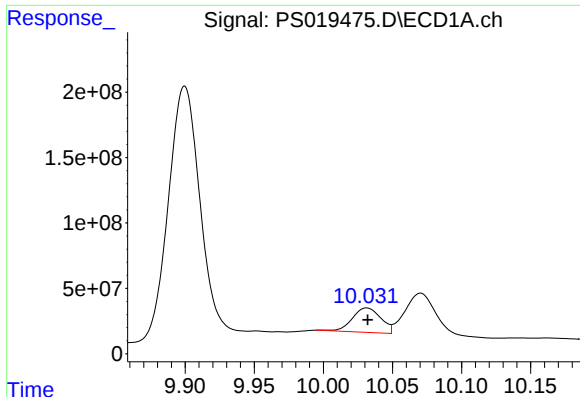
#12 2,4,5-T

R.T.: 9.479 min
Delta R.T.: 0.000 min
Response: 2622118510
Conc: 123.97 ng/ml



#12 2,4,5-T

R.T.: 9.048 min
Delta R.T.: 0.003 min
Response: 650355273
Conc: 150.20 ng/ml



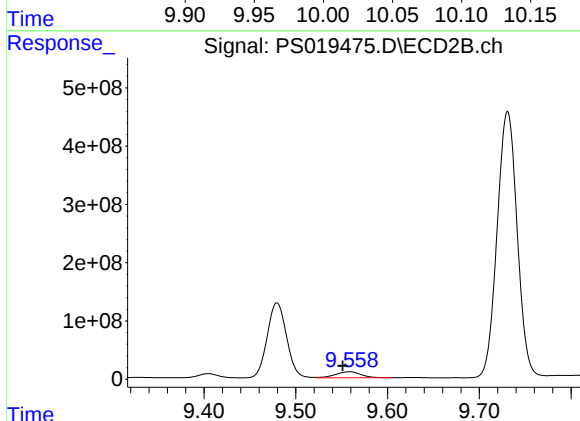
#13 2,4-DB

R.T.: 10.031 min
Delta R.T.: 0.000 min
Response: 269482890
Conc: 62.84 ng/ml

Instrument :
ECD_S
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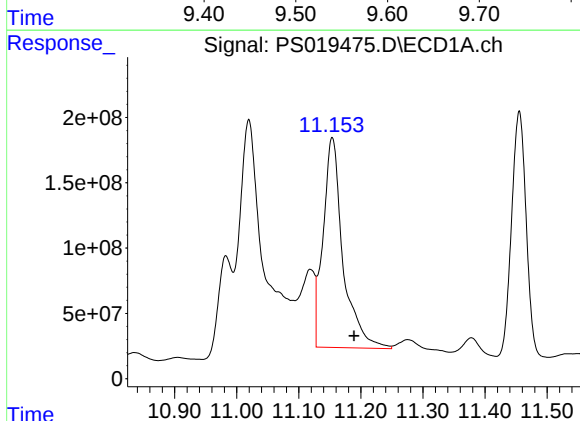
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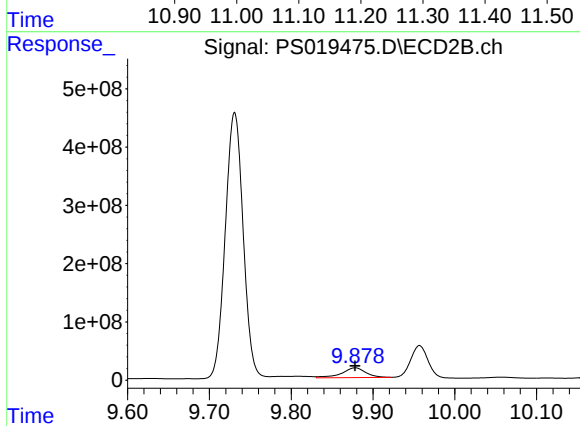
#13 2,4-DB

R.T.: 9.558 min
Delta R.T.: 0.007 min
Response: 196154966
Conc: 345.00 ng/ml



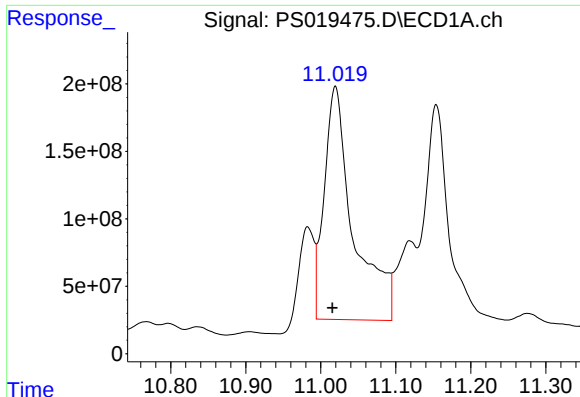
#14 DINOSEB

R.T.: 11.154 min
Delta R.T.: -0.035 min
Response: 3581577912
Conc: 216.92 ng/ml



#14 DINOSEB

R.T.: 9.878 min
Delta R.T.: 0.000 min
Response: 340767279
Conc: 117.59 ng/ml



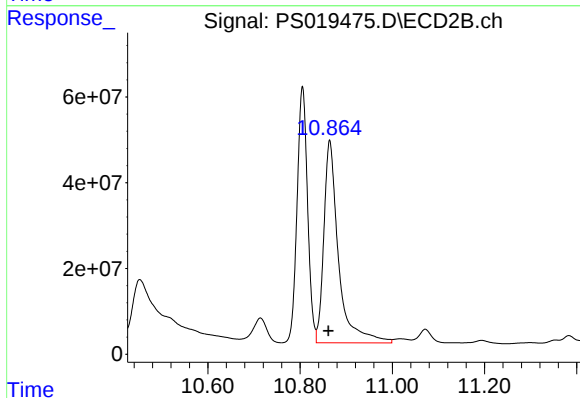
#15 Picloram

R.T.: 11.019 min
Delta R.T.: 0.004 min
Response: 4644947228
Conc: 158.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
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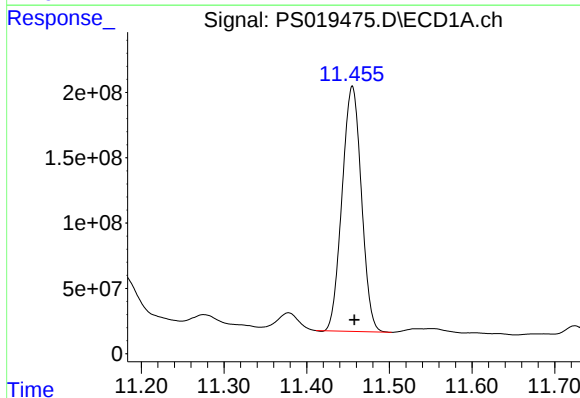
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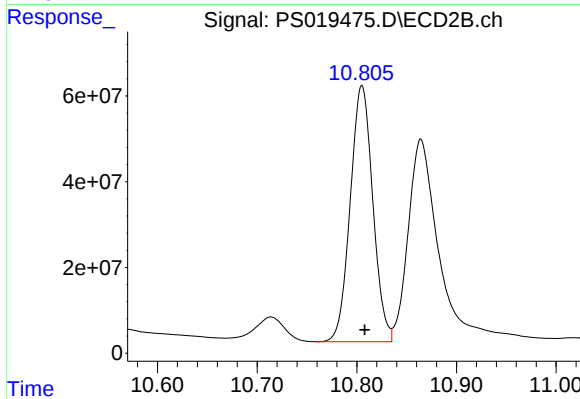
#15 Picloram

R.T.: 10.864 min
Delta R.T.: 0.003 min
Response: 1045671660
Conc: 174.84 ng/ml



#16 DCPA

R.T.: 11.455 min
Delta R.T.: -0.003 min
Response: 3047421297
Conc: 116.44 ng/ml



#16 DCPA

R.T.: 10.805 min
Delta R.T.: -0.003 min
Response: 940314104
Conc: 160.18 ng/ml