

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS052423\
 Data File : PS023115.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2023 22:49
 Operator : AR\AJ
 Sample : 02869-11MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP19MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/25/2023
 Supervised By : Ankita Jodhani 05/25/2023

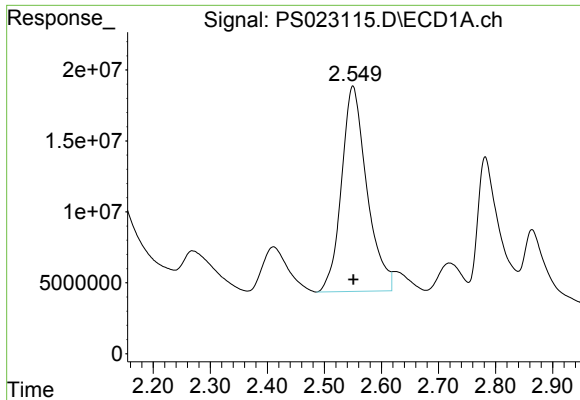
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 05:39:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051023.M
 Quant Title : 8080.M
 QLast Update : Wed May 10 16:09:19 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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	6.485	6.858	754.0E6	234.6E6	495.754	418.113
Target Compounds							
1) T	Dalapon	2.550	2.580	446.7E6	300.0E6	276.259	347.595 #
2) T	3,5-DICHL...	5.837	6.024	672.0E6	271.7E6	334.876	320.264
3) T	4-Nitroph...	6.317	6.463	375.0E6	105.9E6	356.220	319.209
5) T	DICAMBA	6.633	7.025	2194.8E6	814.9E6	334.232m	327.102
6) T	MCP	6.790	7.118	134.9E6	58063135	28.864m	32.817
7) T	MCPA	6.919	7.328	185.9E6	91828894	26.548	34.681 #
8) T	DICHLORPROP	7.244	7.647	603.4E6	205.8E6	321.941	332.495
9) T	2,4-D	7.446	7.935	800.2E6	254.3E6	345.764	355.485
10) T	Pentachlo...	7.680	8.367	6140.9E6	1956.4E6	229.395	211.055
11) T	2,4,5-TP ...	8.217	8.726	3185.0E6	918.4E6	272.666	257.959
12) T	2,4,5-T	8.478	9.100	3647.9E6	971.9E6	315.637	302.691
13) T	2,4-DB	8.997	9.606	624.0E6	97414071	265.994	253.689
14) T	DINOSEB	10.068	9.935	153.0E6	41701873	18.744	17.629
15) T	Picloram	9.889	10.901	5366.8E6	1228.4E6	312.959	288.446
16) T	DCPA	10.337	10.864	5330.0E6	1441.9E6	408.582	385.882

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



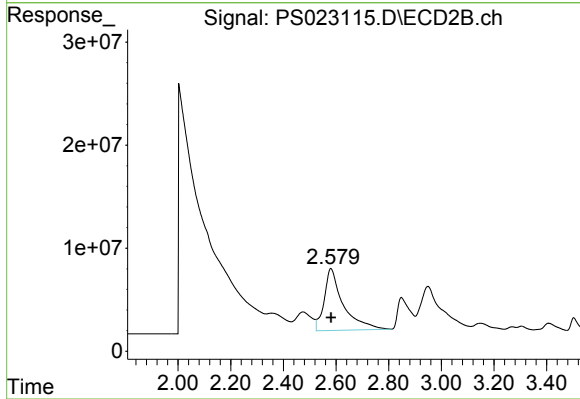
#1 Dalapon

R.T.: 2.550 min
Delta R.T.: -0.001 min
Response: 446687234
Conc: 276.26 ng/ml

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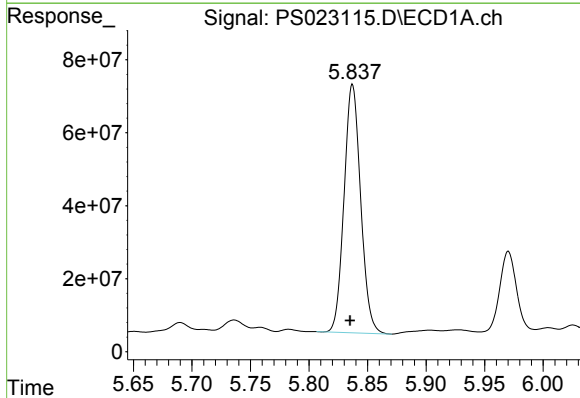
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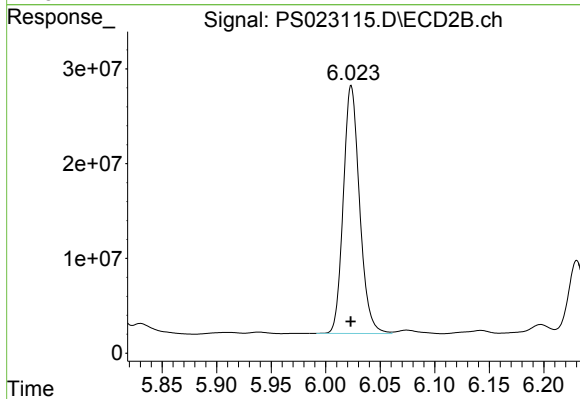
#1 Dalapon

R.T.: 2.580 min
Delta R.T.: -0.002 min
Response: 300030630
Conc: 347.60 ng/ml



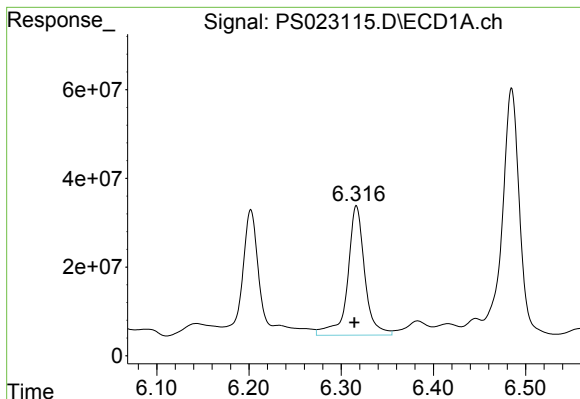
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.837 min
Delta R.T.: 0.002 min
Response: 672007833
Conc: 334.88 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 271651809
Conc: 320.26 ng/ml



#3 4-Nitrophenol

R.T.: 6.317 min
Delta R.T.: 0.002 min
Response: 375017717
Conc: 356.22 ng/ml

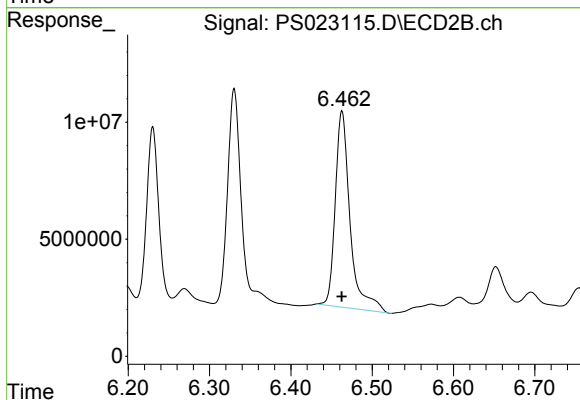
Instrument :

ECD_S

ClientSampleId :
TP19MS

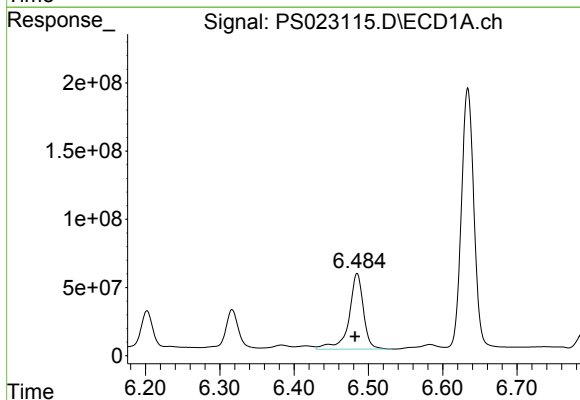
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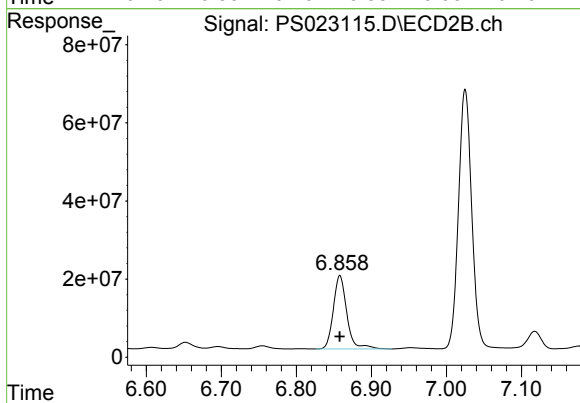
#3 4-Nitrophenol

R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 105925984
Conc: 319.21 ng/ml



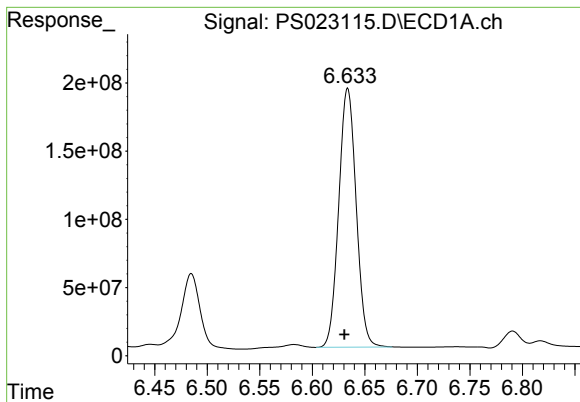
#4 2,4-DCAA

R.T.: 6.485 min
Delta R.T.: 0.003 min
Response: 754039652
Conc: 495.75 ng/ml



#4 2,4-DCAA

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 234609824
Conc: 418.11 ng/ml



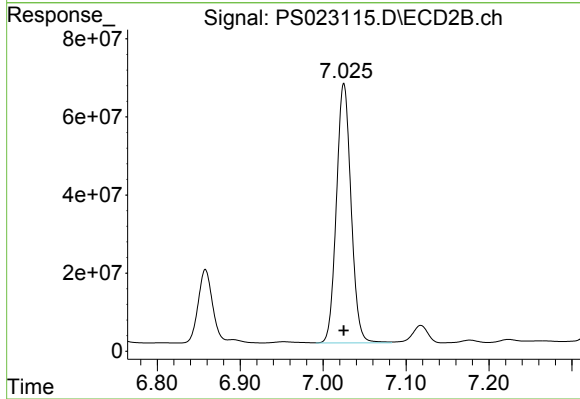
#5 DICAMBA

R.T.: 6.633 min
Delta R.T.: 0.003 min
Response: 2194772160
Conc: 334.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
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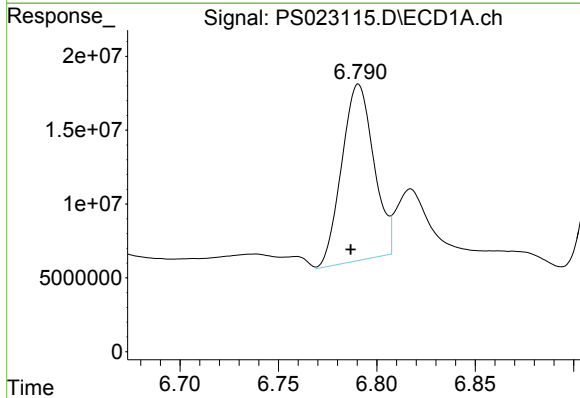
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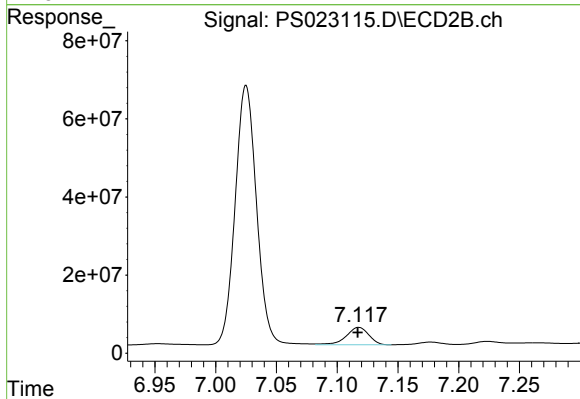
#5 DICAMBA

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 814937705
Conc: 327.10 ng/ml



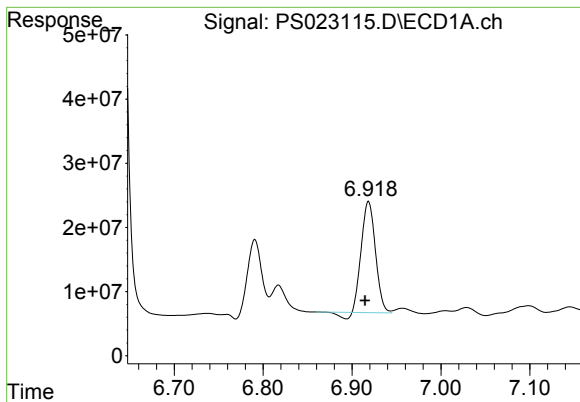
#6 MCP

R.T.: 6.790 min
Delta R.T.: 0.004 min
Response: 134869354
Conc: 28.86 ug/ml m



#6 MCP

R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 58063135
Conc: 32.82 ug/ml



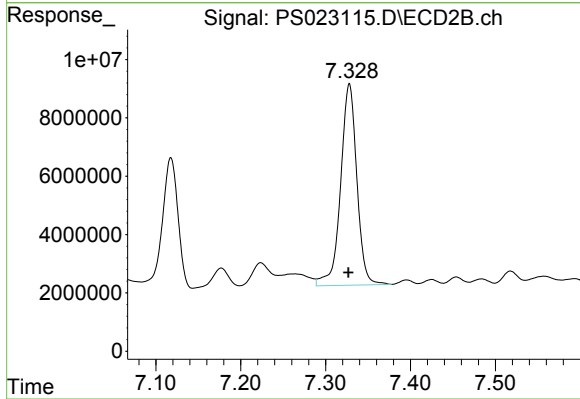
#7 MCPA

R.T.: 6.919 min
Delta R.T.: 0.004 min
Response: 185859293
Conc: 26.55 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP19MS

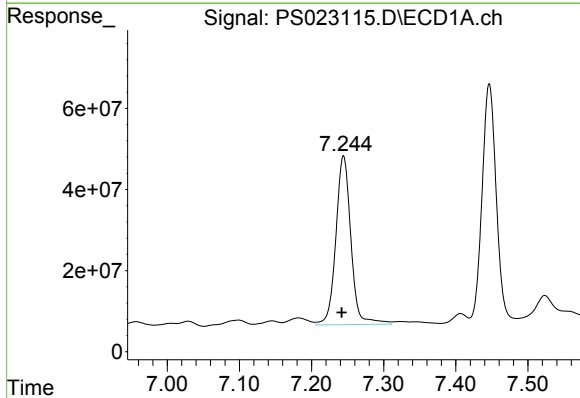
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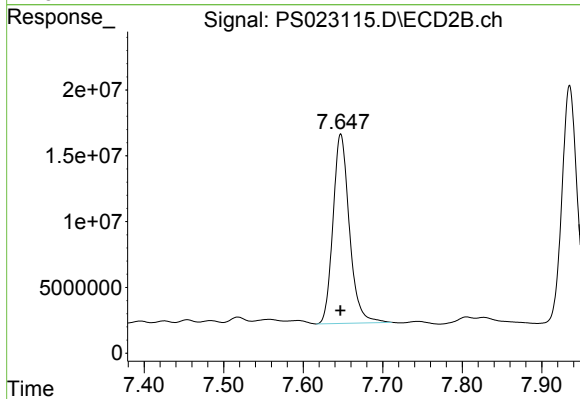
#7 MCPA

R.T.: 7.328 min
Delta R.T.: 0.001 min
Response: 91828894
Conc: 34.68 ug/ml



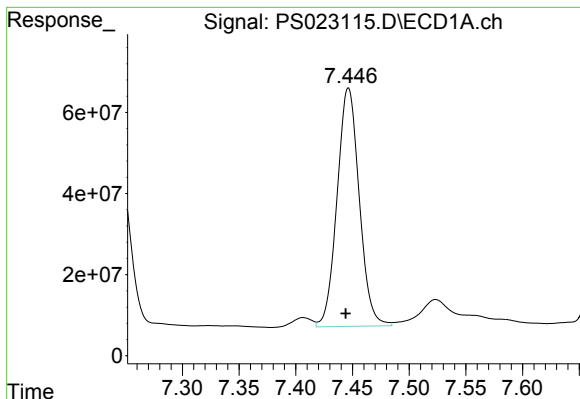
#8 DICHLORPROP

R.T.: 7.244 min
Delta R.T.: 0.002 min
Response: 603355628
Conc: 321.94 ng/ml



#8 DICHLORPROP

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 205767521
Conc: 332.49 ng/ml



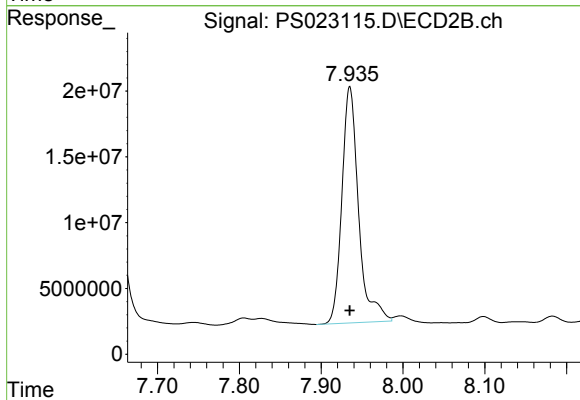
#9 2,4-D

R.T.: 7.446 min
Delta R.T.: 0.002 min
Response: 800197559
Conc: 345.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP19MS

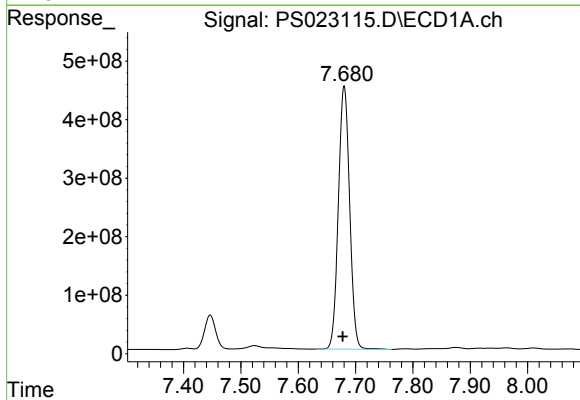
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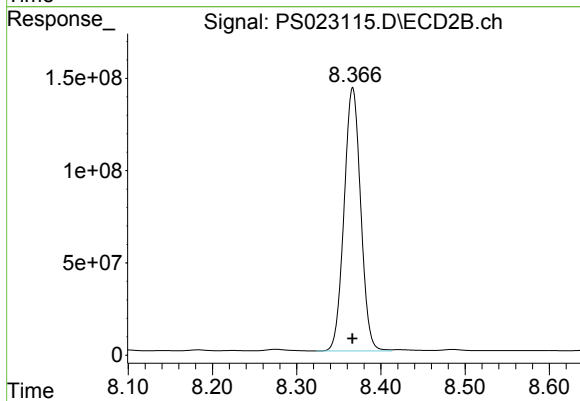
#9 2,4-D

R.T.: 7.935 min
Delta R.T.: 0.000 min
Response: 254321148
Conc: 355.49 ng/ml



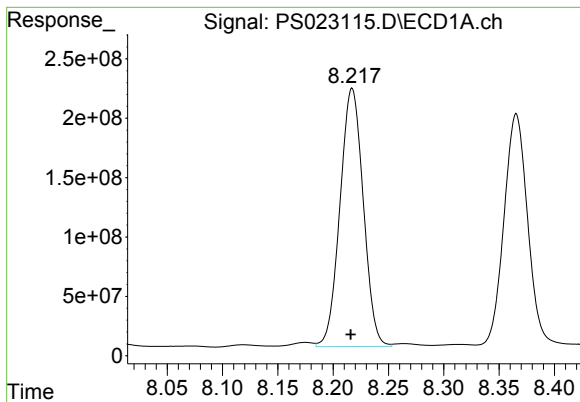
#10 Pentachlorophenol

R.T.: 7.680 min
Delta R.T.: 0.003 min
Response: 6140851369
Conc: 229.40 ng/ml



#10 Pentachlorophenol

R.T.: 8.367 min
Delta R.T.: 0.000 min
Response: 1956404090
Conc: 211.06 ng/ml



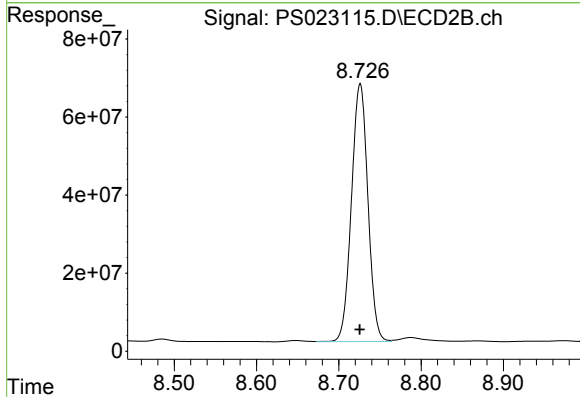
#11 2,4,5-TP (SILVEX)

R.T.: 8.217 min
Delta R.T.: 0.001 min
Response: 3185025377
Conc: 272.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP19MS

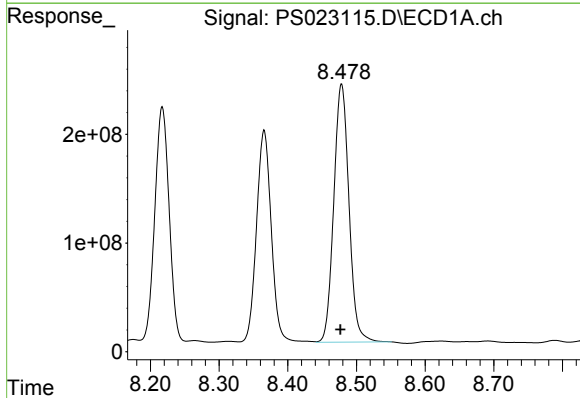
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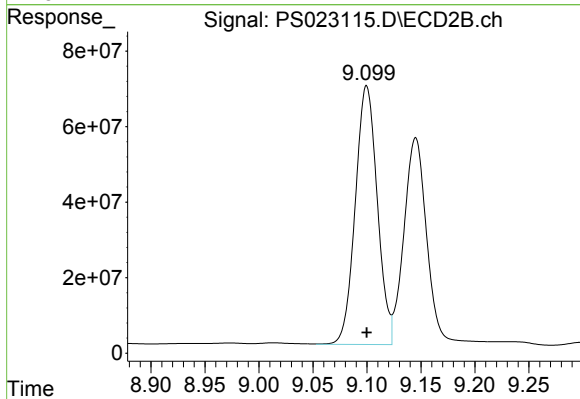
#11 2,4,5-TP (SILVEX)

R.T.: 8.726 min
Delta R.T.: 0.000 min
Response: 918371359
Conc: 257.96 ng/ml



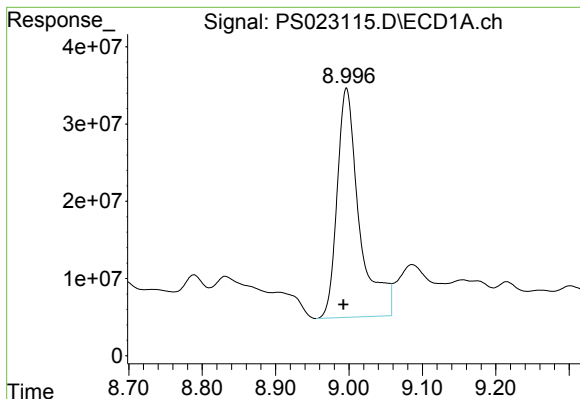
#12 2,4,5-T

R.T.: 8.478 min
Delta R.T.: 0.002 min
Response: 3647880702
Conc: 315.64 ng/ml



#12 2,4,5-T

R.T.: 9.100 min
Delta R.T.: 0.000 min
Response: 971888018
Conc: 302.69 ng/ml



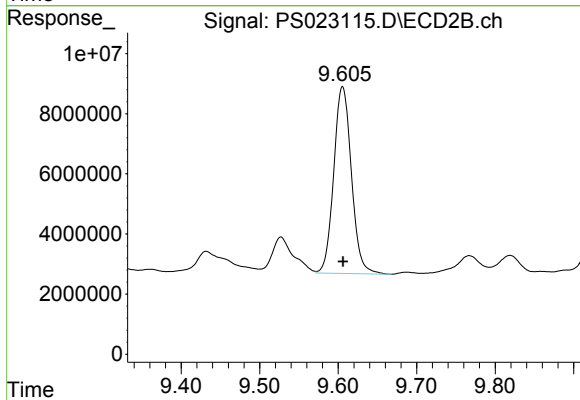
#13 2,4-DB

R.T.: 8.997 min
Delta R.T.: 0.004 min
Response: 624027766
Conc: 265.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP19MS

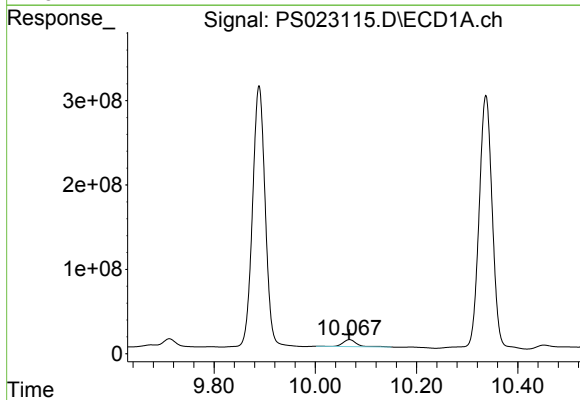
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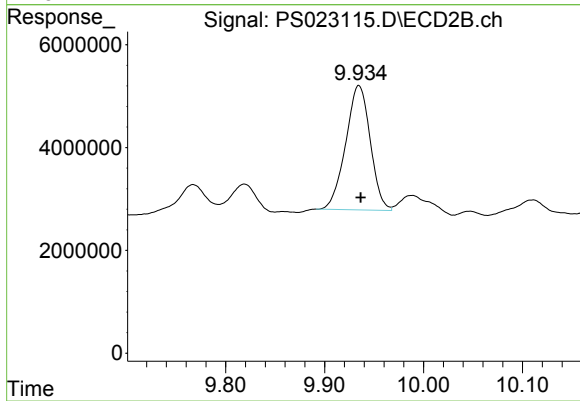
#13 2,4-DB

R.T.: 9.606 min
Delta R.T.: 0.000 min
Response: 97414071
Conc: 253.69 ng/ml



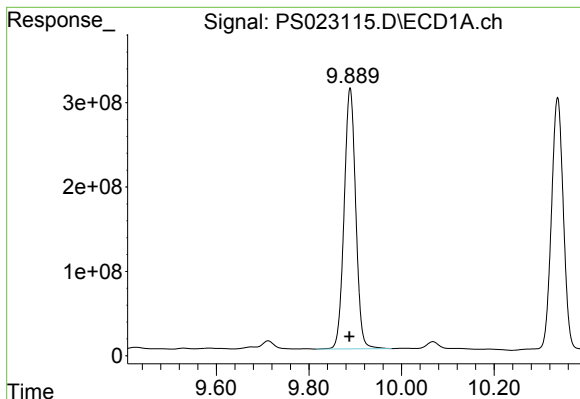
#14 DINOSEB

R.T.: 10.068 min
Delta R.T.: 0.000 min
Response: 153025078
Conc: 18.74 ng/ml



#14 DINOSEB

R.T.: 9.935 min
Delta R.T.: -0.002 min
Response: 41701873
Conc: 17.63 ng/ml



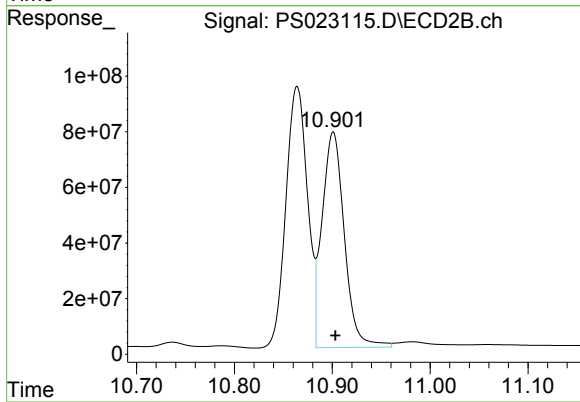
#15 Picloram

R.T.: 9.889 min
Delta R.T.: 0.001 min
Response: 5366758132
Conc: 312.96 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP19MS

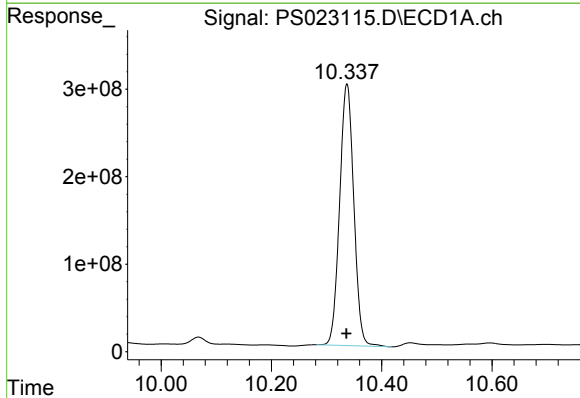
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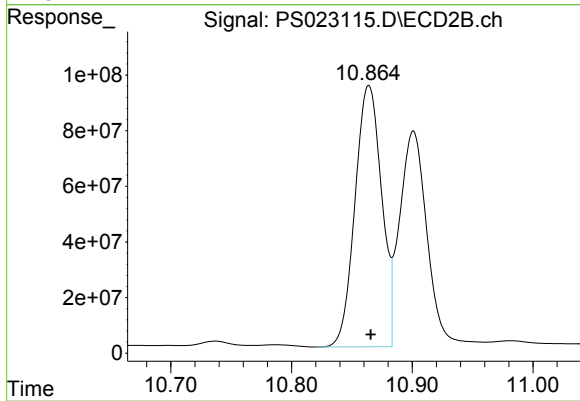
#15 Picloram

R.T.: 10.901 min
Delta R.T.: -0.002 min
Response: 1228445633
Conc: 288.45 ng/ml



#16 DCPA

R.T.: 10.337 min
Delta R.T.: 0.000 min
Response: 5330047082
Conc: 408.58 ng/ml



#16 DCPA

R.T.: 10.864 min
Delta R.T.: -0.002 min
Response: 1441911139
Conc: 385.88 ng/ml