

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101725\
 Data File : PS032082.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 19:00
 Operator : AR\AJ
 Sample : Q3348-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WCS-TP1MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/19/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 18 01:44:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 13 12:51:14 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 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	7.275	7.742	1695.4E6	167.2E6	355.658m	151.938m#
Target Compounds							
1) T	Dalapon	2.645	2.678	754.9E6	2635.0E6	97.687m	701.121m#
2) T	3,5-DICHL...	6.451	6.702	648.3E6	154.9E6	92.109	74.262m
3) T	4-Nitroph...	7.072	7.308	181.7E6	10790372	136.102m	7.111m#
5) T	DICAMBA	7.463	7.938	2557.7E6	1379.9E6	122.128m	159.328m#
6) T	MCPD	7.638	8.030	33581831	6454957	2.746m	2.600m
7) T	MCPA	7.788	8.276	121.8E6	24429088	8.273	6.476
8) T	DICHLORPROP	8.175	8.662	554.9E6	358.6E6	116.710	183.122 #
9) T	2,4-D	8.415	9.008	683.8E6	389.3E6	140.812	187.298 #
10) T	Pentachlo...	8.702	9.508	1568.4E6	1223.8E6	23.368	23.615
11) T	2,4,5-TP ...	9.281	9.894	2860.8E6	2231.2E6	101.298	111.142
12) T	2,4,5-T	9.583	10.328	3151.8E6	2070.0E6	124.850m	120.739m
13) T	2,4-DB	10.180f	10.898	69173103	4154417	22.312m	3.215m#
14) T	DINOSEB	11.333	11.283	180.3E6	181.8E6	8.087m	11.957 #
15) T	Picloram	11.192	12.398	2955.5E6	3525.9E6	125.352	105.907
16) T	DCPA	11.644	12.305	6900.8E6	6134.5E6	187.828	184.708

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

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Acq On : 17 Oct 2025 19:00
Operator : AR\AJ
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Misc :
ALS Vial : 9 Sample Multiplier: 1

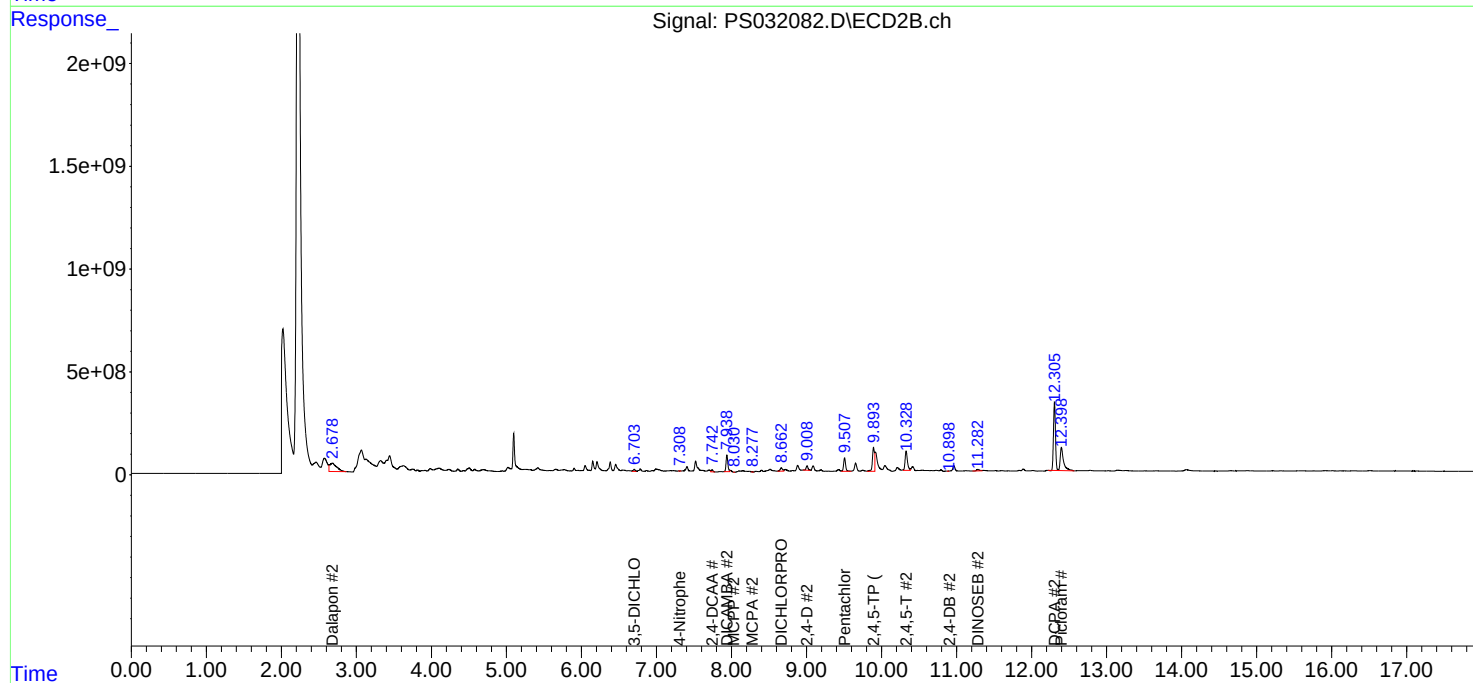
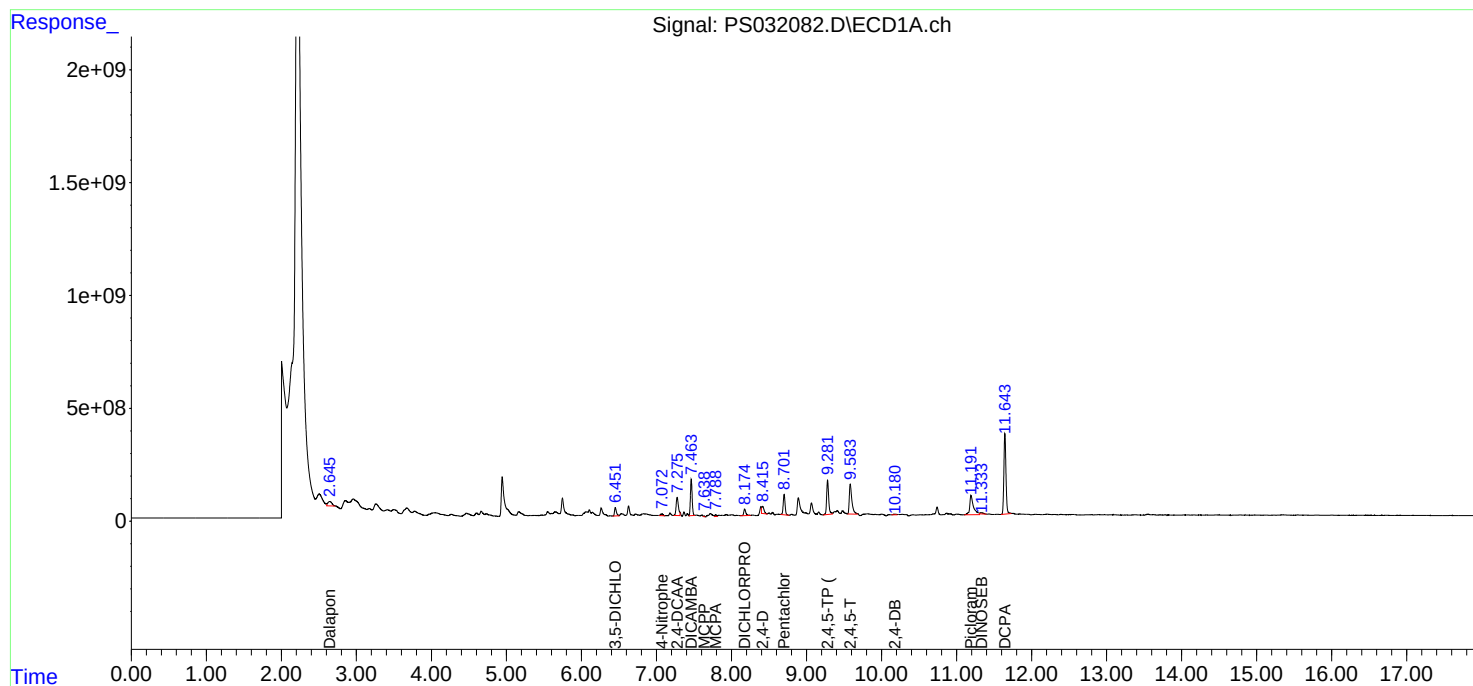
Instrument :
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ClientSampleId :
WCS-TP1MSD

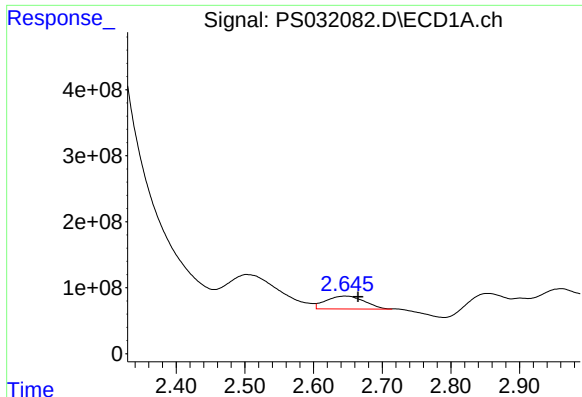
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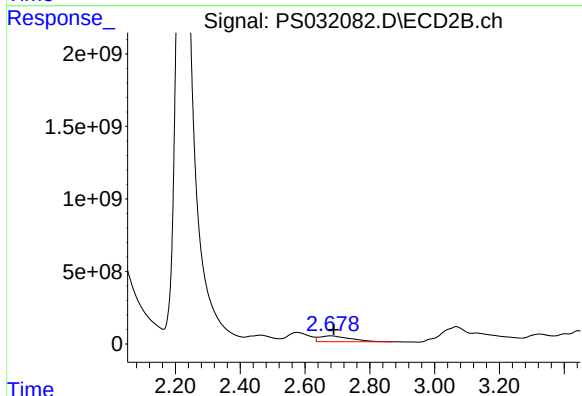
#1 Dalapon

R.T.: 2.645 min
Delta R.T.: -0.020 min
Response: 754880762
Conc: 97.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
WCS-TP1MSD

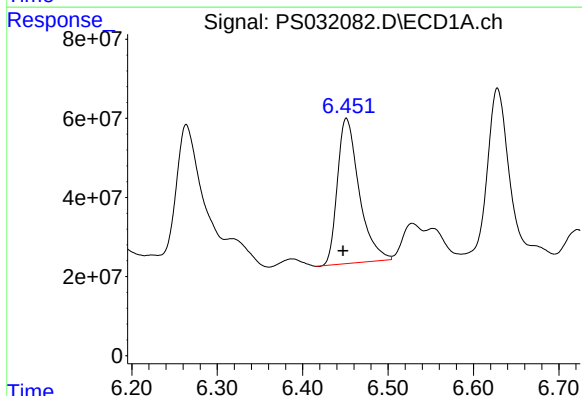
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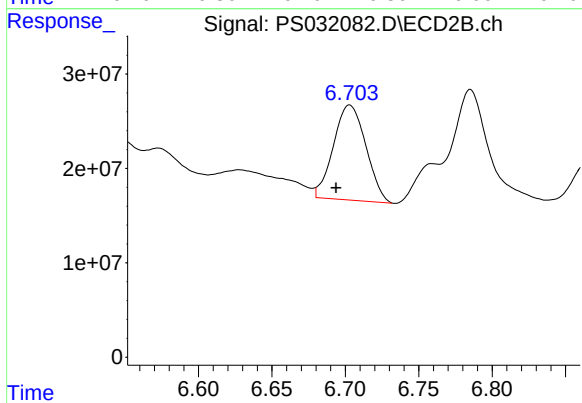
#1 Dalapon

R.T.: 2.678 min
Delta R.T.: -0.011 min
Response: 2635003481
Conc: 701.12 ng/ml m



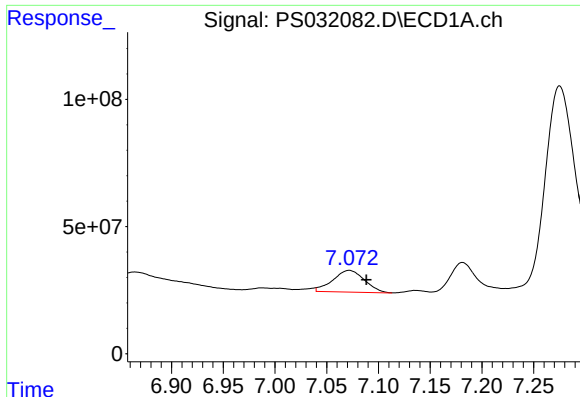
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.451 min
Delta R.T.: 0.004 min
Response: 648344404
Conc: 92.11 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.702 min
Delta R.T.: 0.009 min
Response: 154901417
Conc: 74.26 ng/ml m



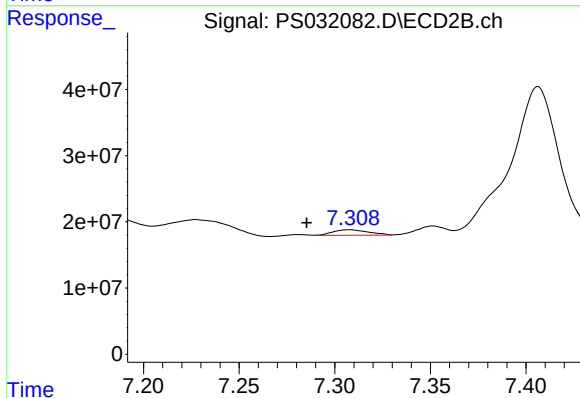
#3 4-Nitrophenol

R.T.: 7.072 min
Delta R.T.: -0.017 min
Response: 181653135
Conc: 136.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
WCS-TP1MSD

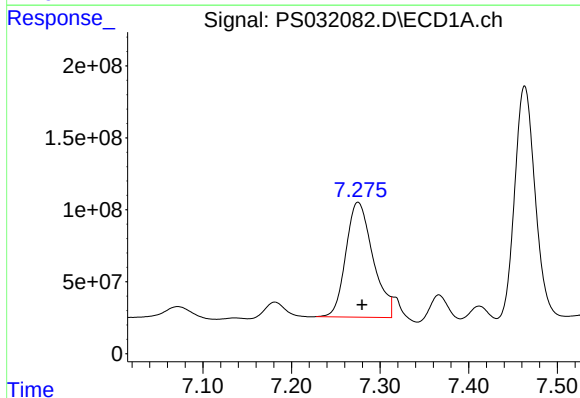
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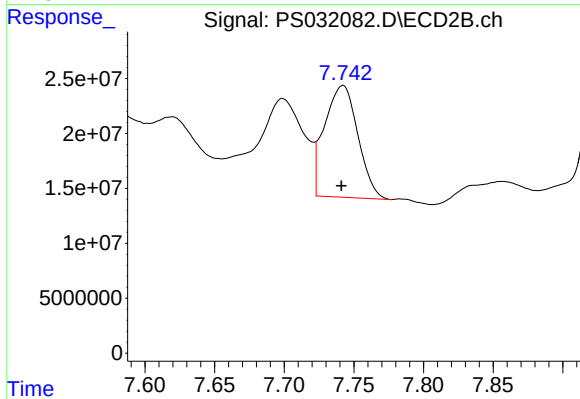
#3 4-Nitrophenol

R.T.: 7.308 min
Delta R.T.: 0.023 min
Response: 10790372
Conc: 7.11 ng/ml m



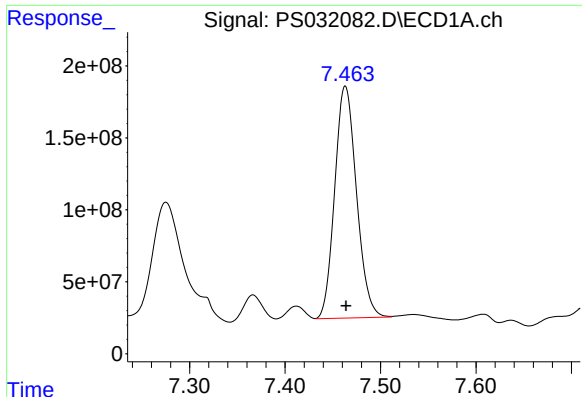
#4 2,4-DCAA

R.T.: 7.275 min
Delta R.T.: -0.005 min
Response: 1695434730
Conc: 355.66 ng/ml m



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: 0.001 min
Response: 167183588
Conc: 151.94 ng/ml m



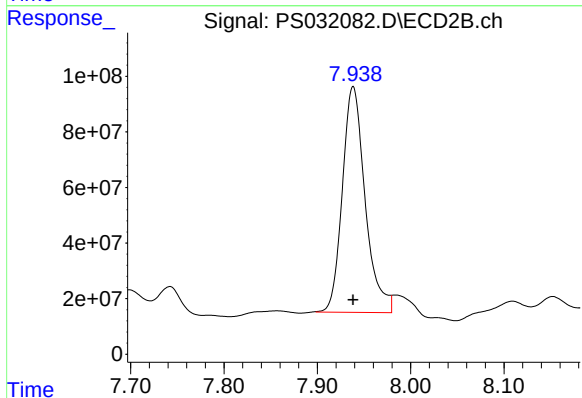
#5 DICAMBA

R.T.: 7.463 min
Delta R.T.: -0.001 min
Response: 2557655920
Conc: 122.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
WCS-TP1MSD

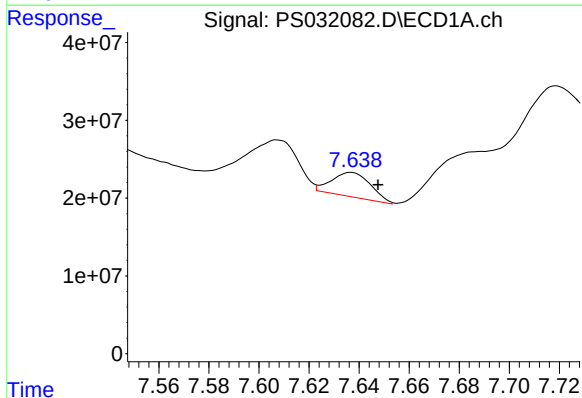
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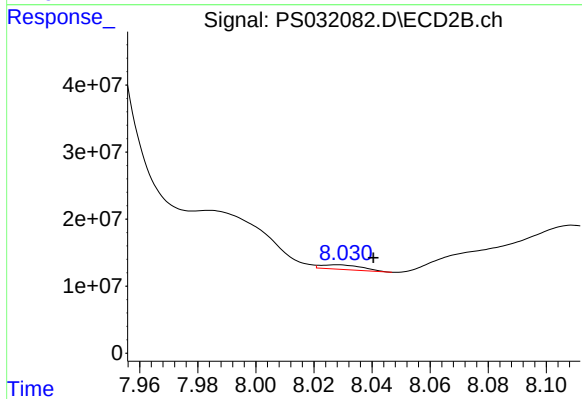
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 1379923224
Conc: 159.33 ng/ml m



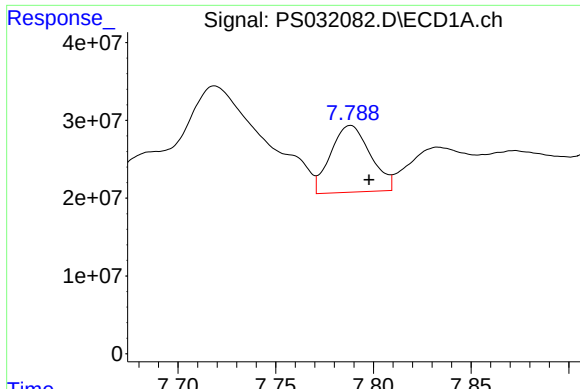
#6 MCPP

R.T.: 7.638 min
Delta R.T.: -0.010 min
Response: 33581831
Conc: 2.75 ug/ml m



#6 MCPP

R.T.: 8.030 min
Delta R.T.: -0.010 min
Response: 6454957
Conc: 2.60 ug/ml m



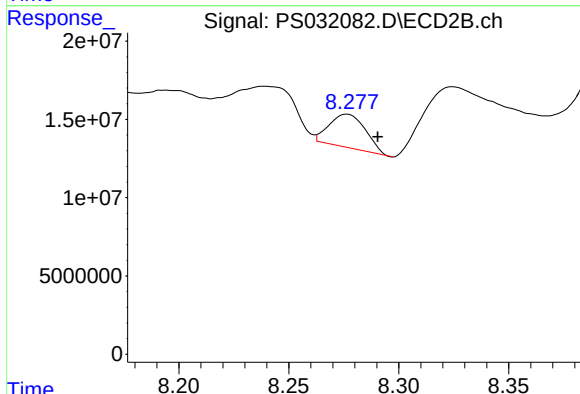
#7 MCPA

R.T.: 7.788 min
Delta R.T.: -0.010 min
Response: 121751770
Conc: 8.27 ug/ml

Instrument :
ECD_S
ClientSampleId :
WCS-TP1MSD

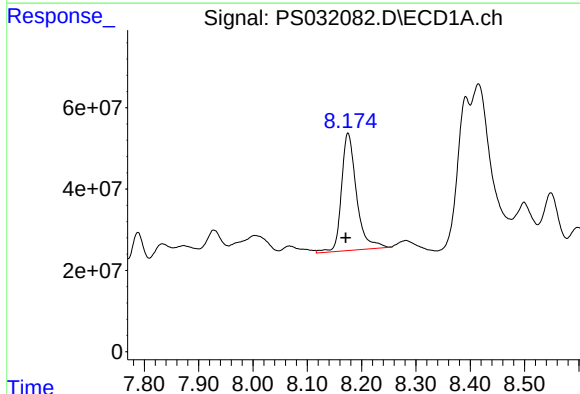
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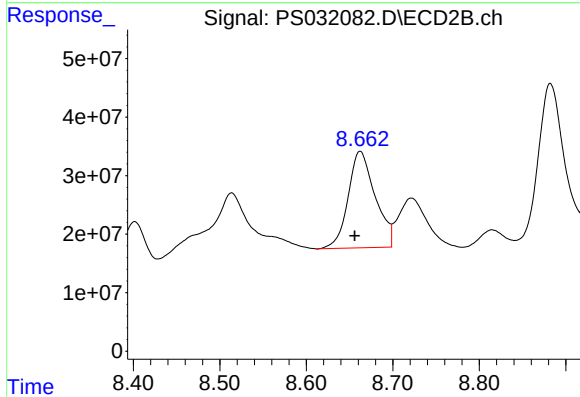
#7 MCPA

R.T.: 8.276 min
Delta R.T.: -0.014 min
Response: 24429088
Conc: 6.48 ug/ml



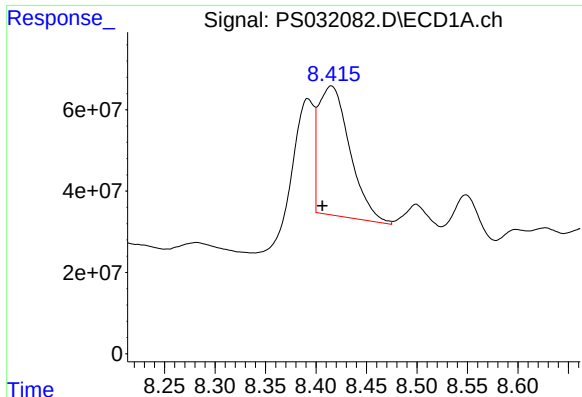
#8 DICHLORPROP

R.T.: 8.175 min
Delta R.T.: 0.005 min
Response: 554858687
Conc: 116.71 ng/ml



#8 DICHLORPROP

R.T.: 8.662 min
Delta R.T.: 0.006 min
Response: 358600451
Conc: 183.12 ng/ml



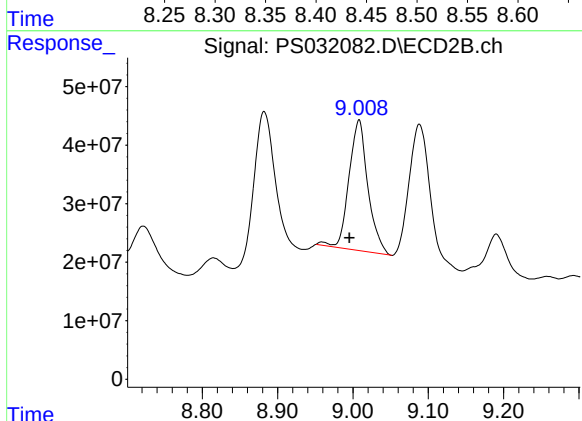
#9 2,4-D

R.T.: 8.415 min
Delta R.T.: 0.009 min
Response: 683765593
Conc: 140.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
WCS-TP1MSD

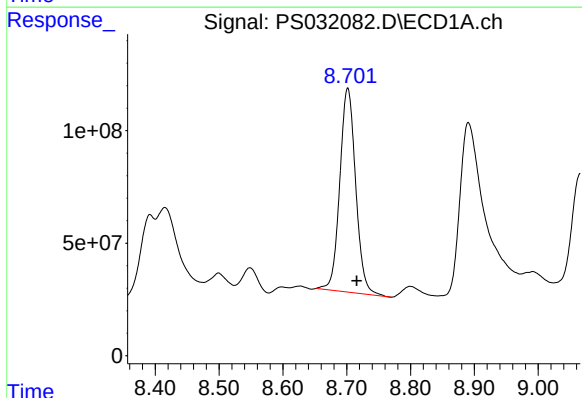
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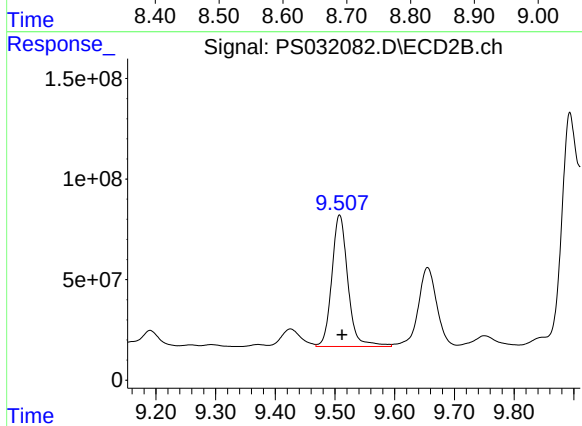
#9 2,4-D

R.T.: 9.008 min
Delta R.T.: 0.012 min
Response: 389260539
Conc: 187.30 ng/ml



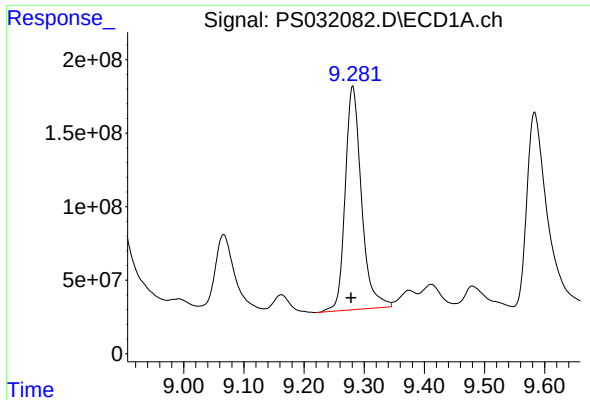
#10 Pentachlorophenol

R.T.: 8.702 min
Delta R.T.: -0.014 min
Response: 1568416122
Conc: 23.37 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.004 min
Response: 1223797326
Conc: 23.61 ng/ml



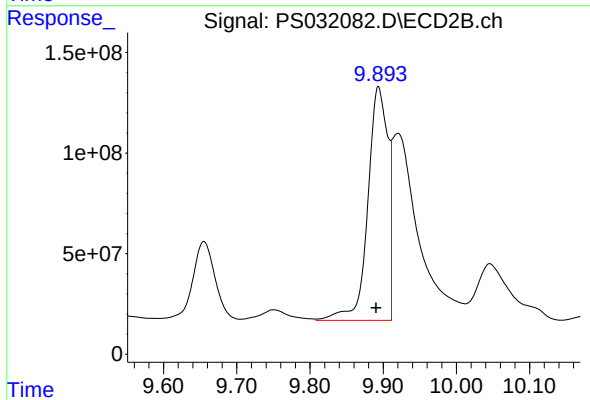
#11 2,4,5-TP (SILVEX)

R.T.: 9.281 min
Delta R.T.: 0.003 min
Response: 2860848605
Conc: 101.30 ng/ml

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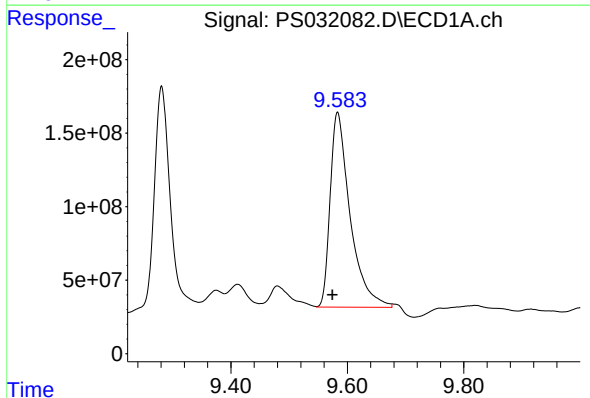
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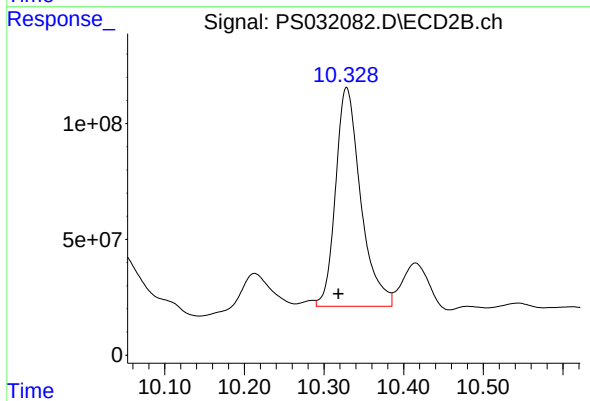
#11 2,4,5-TP (SILVEX)

R.T.: 9.894 min
Delta R.T.: 0.004 min
Response: 2231157856
Conc: 111.14 ng/ml



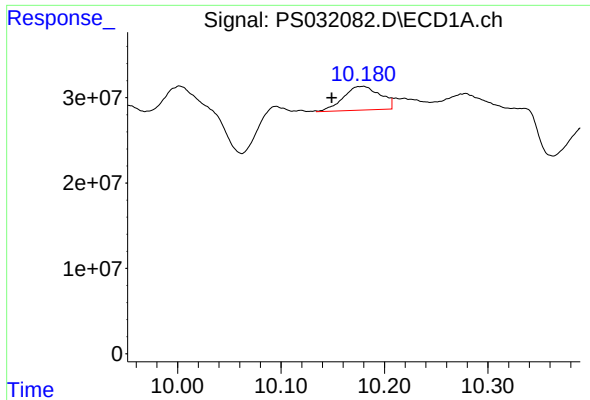
#12 2,4,5-T

R.T.: 9.583 min
Delta R.T.: 0.009 min
Response: 3151750529
Conc: 124.85 ng/ml m



#12 2,4,5-T

R.T.: 10.328 min
Delta R.T.: 0.010 min
Response: 2070034440
Conc: 120.74 ng/ml m



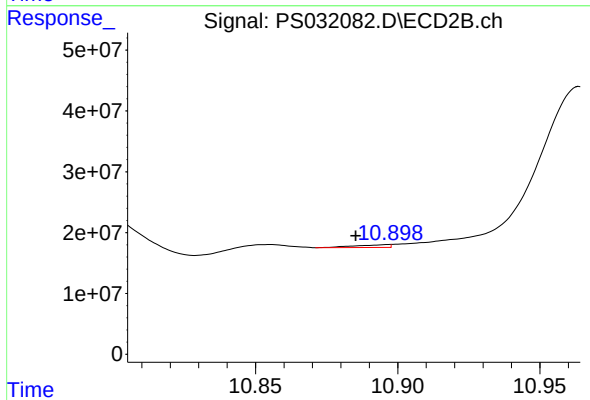
#13 2,4-DB

R.T.: 10.180 min
Delta R.T.: 0.031 min
Response: 69173103
Conc: 22.31 ng/ml

Instrument :
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ClientSampleId :
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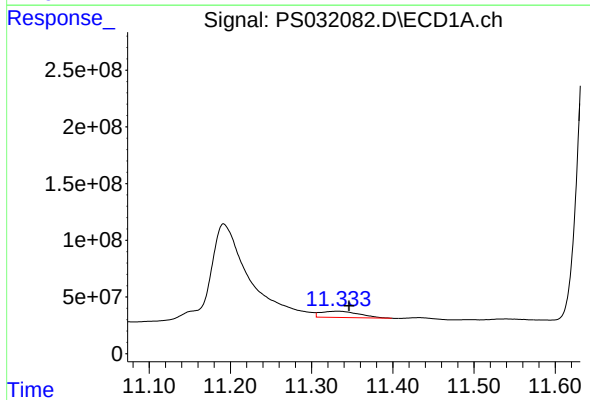
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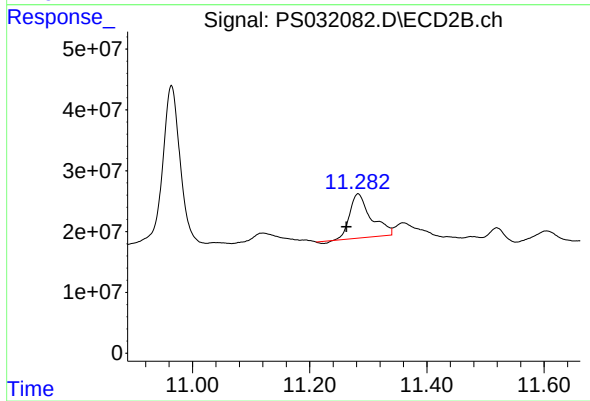
#13 2,4-DB

R.T.: 10.898 min
Delta R.T.: 0.012 min
Response: 4154417
Conc: 3.22 ng/ml m



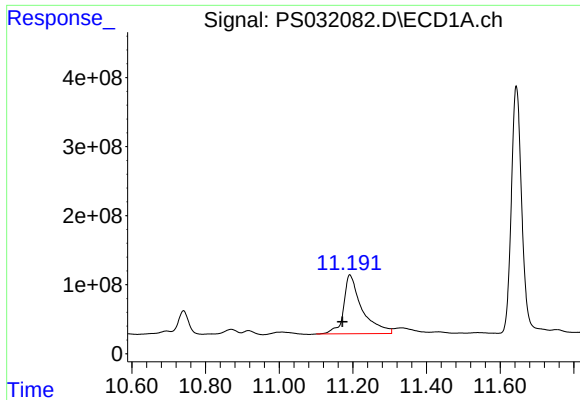
#14 DINOSEB

R.T.: 11.333 min
Delta R.T.: -0.013 min
Response: 180344581
Conc: 8.09 ng/ml m



#14 DINOSEB

R.T.: 11.283 min
Delta R.T.: 0.020 min
Response: 181786673
Conc: 11.96 ng/ml



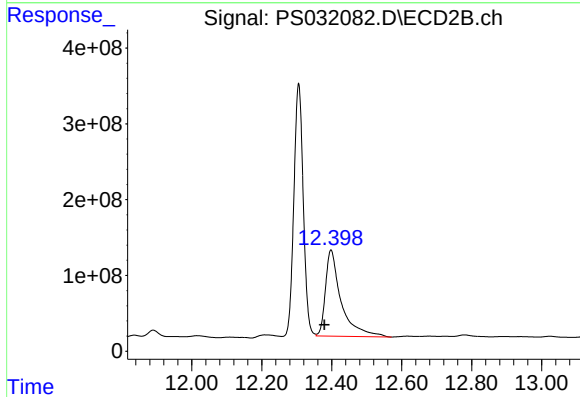
#15 Picloram

R.T.: 11.192 min
Delta R.T.: 0.020 min
Response: 2955530440
Conc: 125.35 ng/ml

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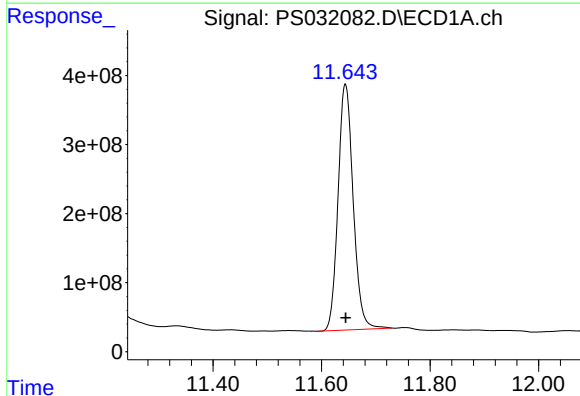
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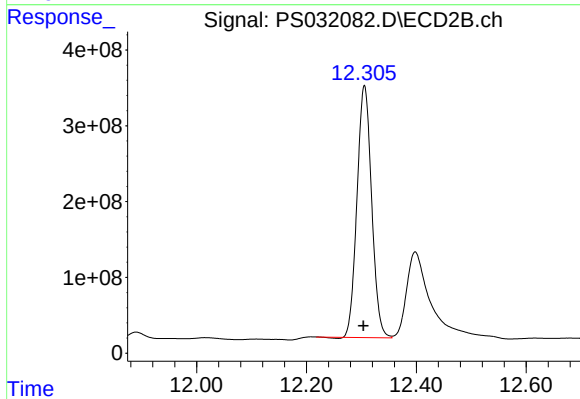
#15 Picloram

R.T.: 12.398 min
Delta R.T.: 0.019 min
Response: 3525864782
Conc: 105.91 ng/ml



#16 DCPA

R.T.: 11.644 min
Delta R.T.: 0.000 min
Response: 6900839984
Conc: 187.83 ng/ml



#16 DCPA

R.T.: 12.305 min
Delta R.T.: 0.002 min
Response: 6134471725
Conc: 184.71 ng/ml