

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040425\
 Data File : PS029714.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2025 14:01
 Operator : AR\AJ
 Sample : Q1681-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-12MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/07/2025
 Supervised By :mohammad ahmed 04/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 22:48:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 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	6.953	7.471	1297.3E6	412.6E6	636.273m	605.363
Target Compounds							
1) T	Dalapon	2.458	2.530	1302.9E6	856.5E6	384.058m	539.489 #
2) T	3,5-DICHL...	6.158	6.466	1128.3E6	316.0E6	375.137	327.280
3) T	4-Nitroph...	6.745	7.004	652.2E6	325.4E6	464.262	458.893m
5) T	DICAMBA	7.131	7.657	3396.3E6	1487.8E6	408.115m	402.842
6) T	MCPD	7.308	7.762	112.7E6	32491842	20.793	19.243
7) T	MCPA	7.450	7.992	285.7E6	79333333	39.300m	34.868
8) T	DICHLORPROP	7.813	8.351	653.2E6	336.0E6	296.984	347.757
9) T	2,4-D	8.033	8.665	1168.1E6	465.3E6	484.760	431.430
10) T	Pentachlo...	8.312	9.166	3988.3E6	2359.0E6	131.171	131.586
11) T	2,4,5-TP ...	8.878	9.543	2457.5E6	1547.2E6	211.572	214.505m
12) T	2,4,5-T	9.159	9.948	3523.0E6	2056.0E6	306.232	306.739
13) T	2,4-DB	9.720	10.504	394.5E6	143.3E6	217.152m	193.177m
14) T	DINOSEB	10.883	10.874	170.4E6	132.4E6	20.189m	25.897m#
15) T	Picloram	10.702	11.920	6272.5E6	2651.8E6	404.665	224.264m#
16) T	DCPA	11.184	11.902	6900.6E6	4440.2E6	494.099m	501.675m

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

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Sample : Q1681-01MSD
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ALS Vial : 11 Sample Multiplier: 1

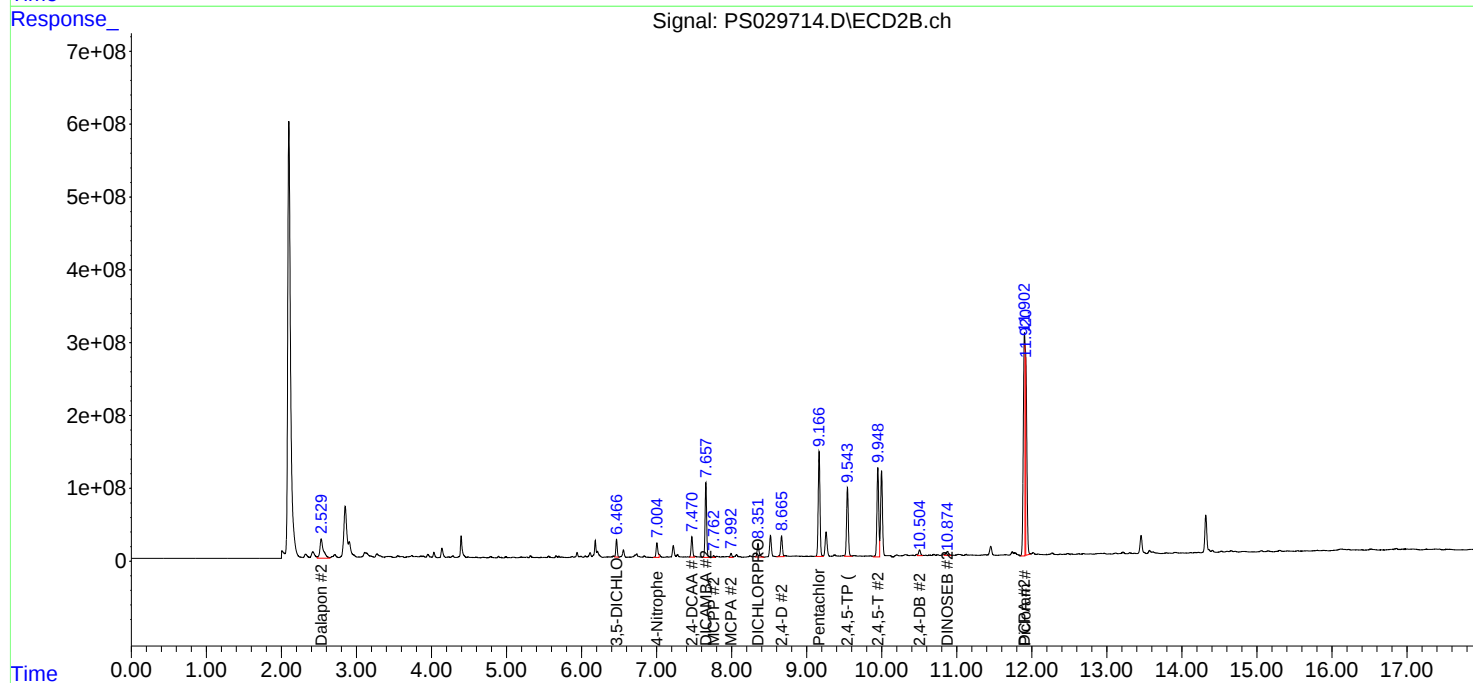
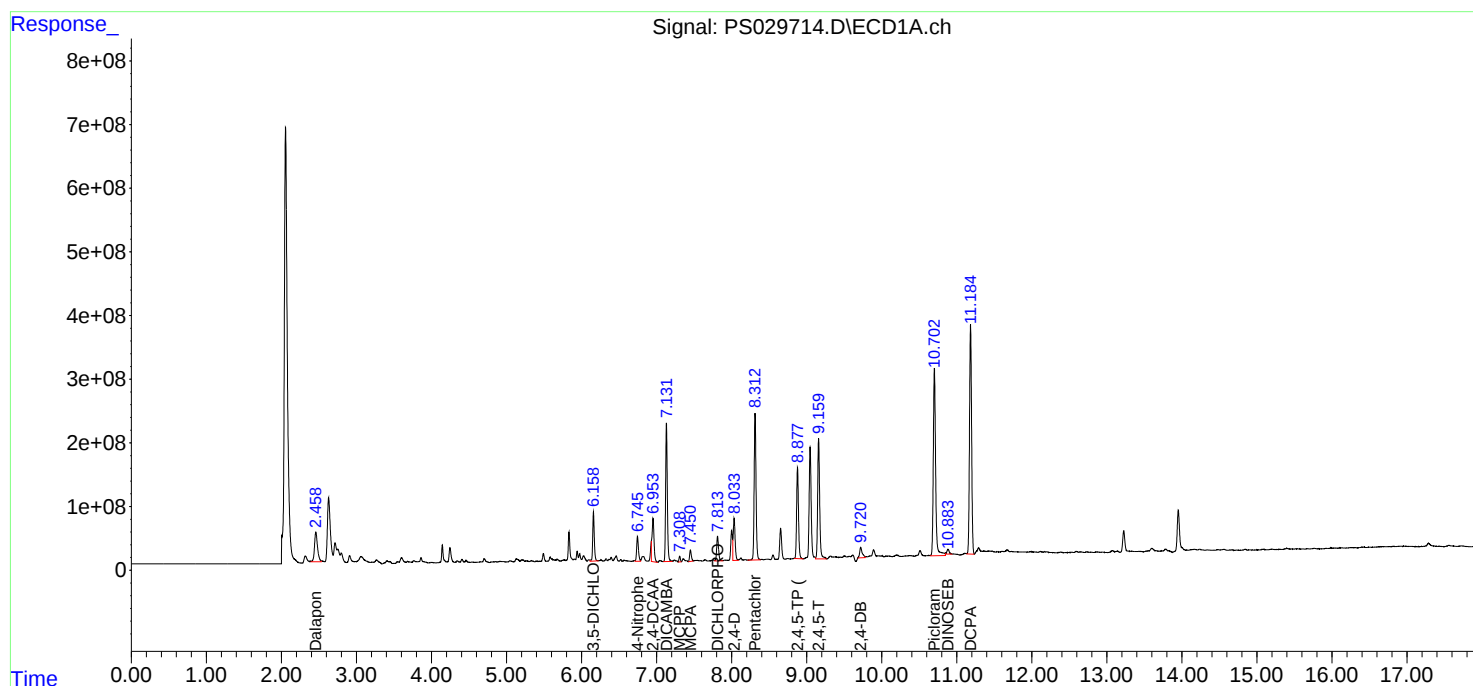
Instrument :
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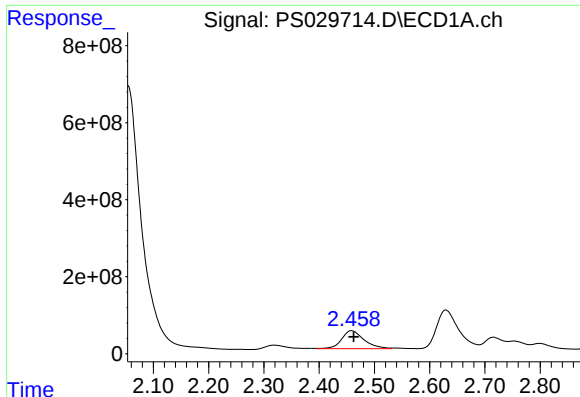
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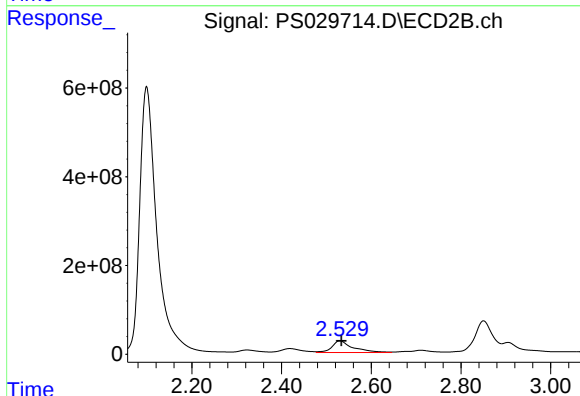
#1 Dalapon

R.T.: 2.458 min
Delta R.T.: -0.005 min
Response: 1302875014
Conc: 384.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-12MSD

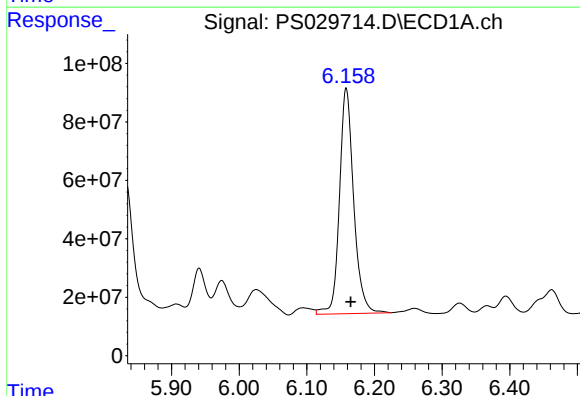
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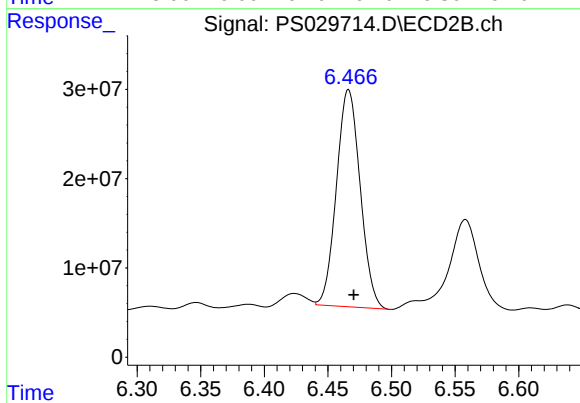
#1 Dalapon

R.T.: 2.530 min
Delta R.T.: -0.003 min
Response: 856489679
Conc: 539.49 ng/ml



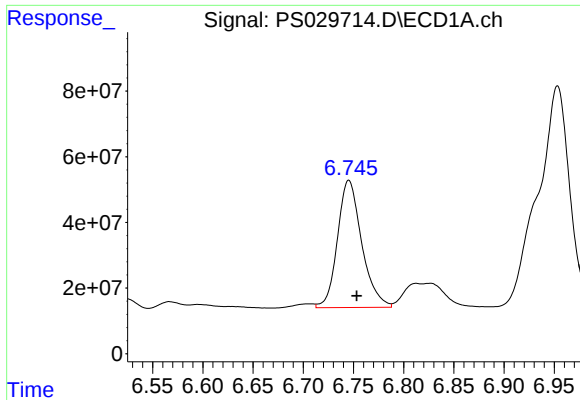
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.158 min
Delta R.T.: -0.007 min
Response: 1128322613
Conc: 375.14 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.466 min
Delta R.T.: -0.004 min
Response: 316007246
Conc: 327.28 ng/ml



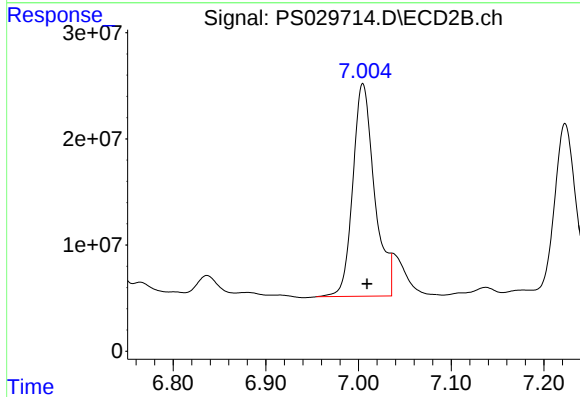
#3 4-Nitrophenol

R.T.: 6.745 min
Delta R.T.: -0.008 min
Response: 652194228
Conc: 464.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-12MSD

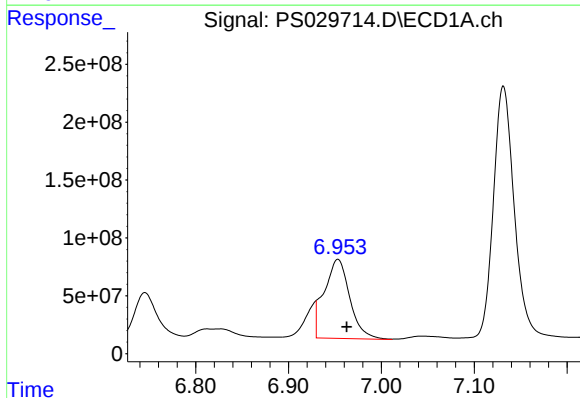
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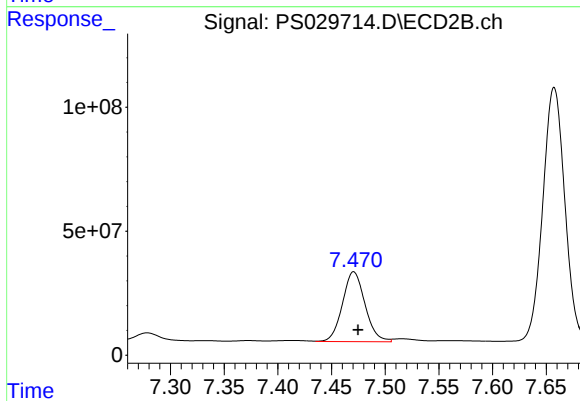
#3 4-Nitrophenol

R.T.: 7.004 min
Delta R.T.: -0.005 min
Response: 325354267
Conc: 458.89 ng/ml m



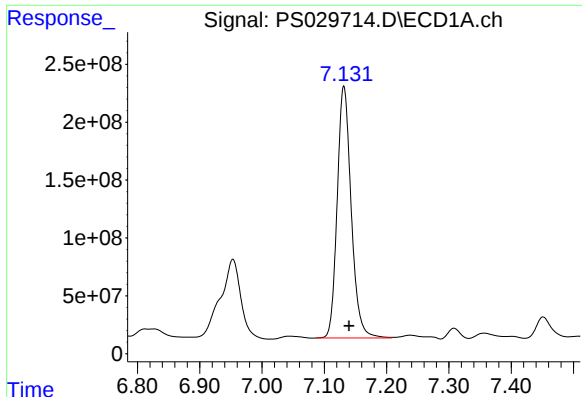
#4 2,4-DCAA

R.T.: 6.953 min
Delta R.T.: -0.010 min
Response: 1297252243
Conc: 636.27 ng/ml m



#4 2,4-DCAA

R.T.: 7.471 min
Delta R.T.: -0.004 min
Response: 412562631
Conc: 605.36 ng/ml



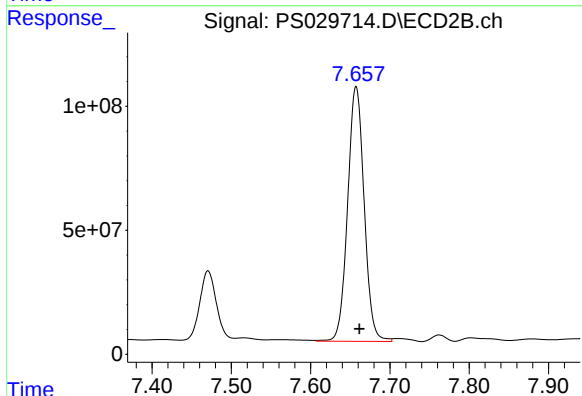
#5 DICAMBA

R.T.: 7.131 min
Delta R.T.: -0.009 min
Response: 3396308456
Conc: 408.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-12MSD

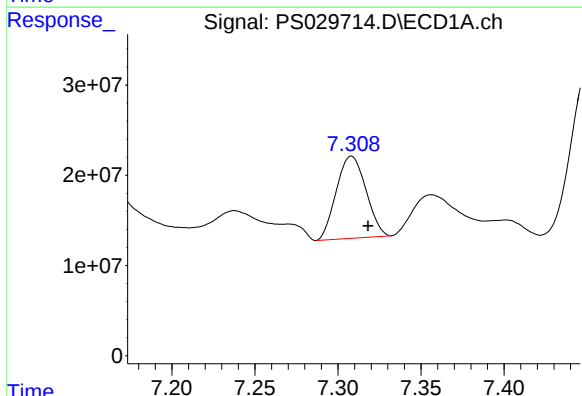
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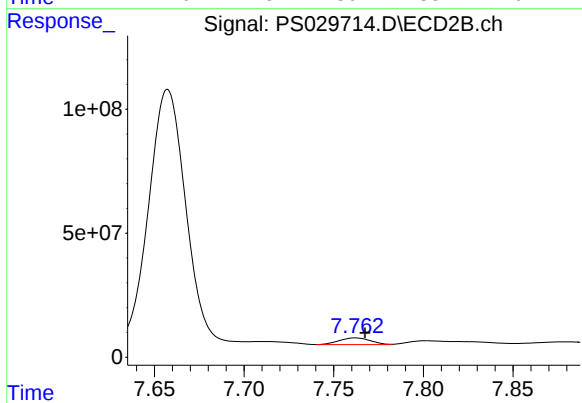
#5 DICAMBA

R.T.: 7.657 min
Delta R.T.: -0.004 min
Response: 1487843687
Conc: 402.84 ng/ml



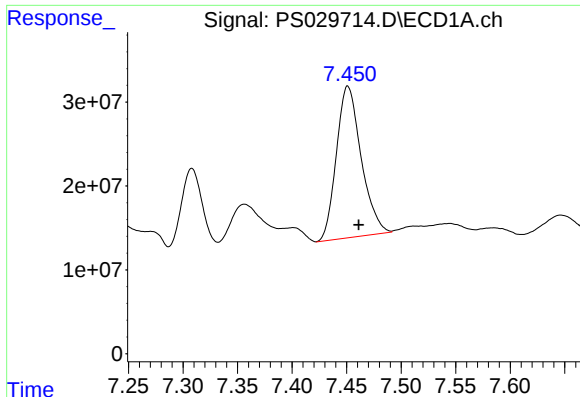
#6 MCPP

R.T.: 7.308 min
Delta R.T.: -0.010 min
Response: 112695542
Conc: 20.79 ug/ml



#6 MCPP

R.T.: 7.762 min
Delta R.T.: -0.005 min
Response: 32491842
Conc: 19.24 ug/ml



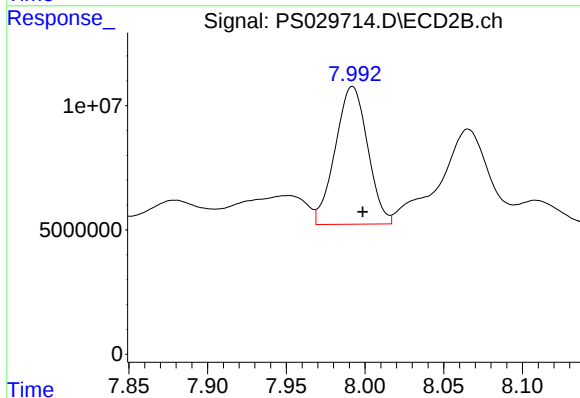
#7 MCPA

R.T.: 7.450 min
Delta R.T.: -0.011 min
Response: 285673092
Conc: 39.30 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-12MSD

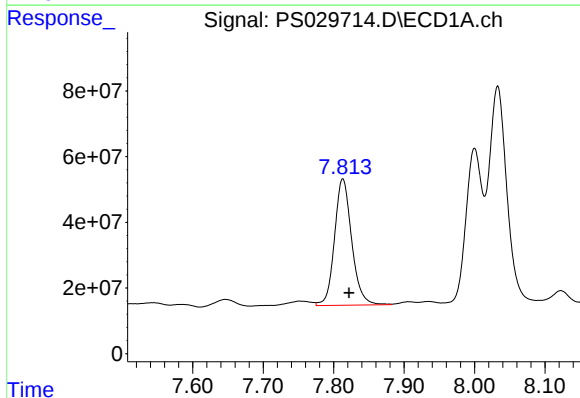
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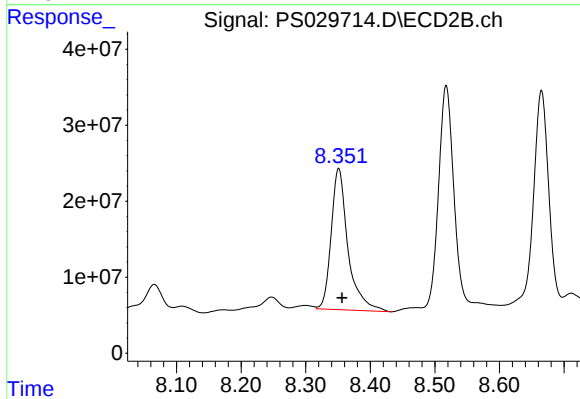
#7 MCPA

R.T.: 7.992 min
Delta R.T.: -0.007 min
Response: 79333333
Conc: 34.87 ug/ml



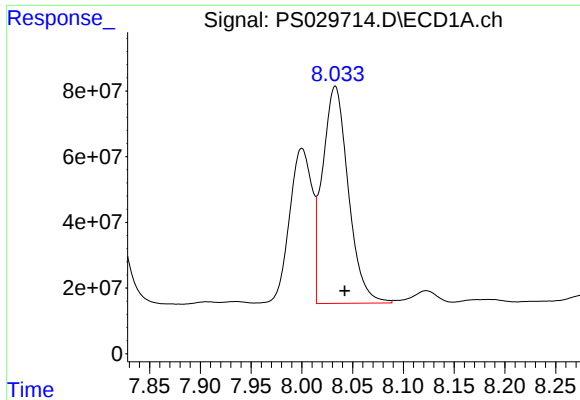
#8 DICHLORPROP

R.T.: 7.813 min
Delta R.T.: -0.009 min
Response: 653198514
Conc: 296.98 ng/ml



#8 DICHLORPROP

R.T.: 8.351 min
Delta R.T.: -0.005 min
Response: 335986229
Conc: 347.76 ng/ml



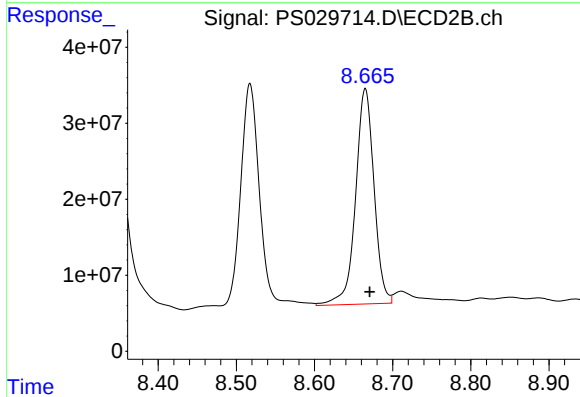
#9 2,4-D

R.T.: 8.033 min
Delta R.T.: -0.009 min
Response: 1168072737
Conc: 484.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-12MSD

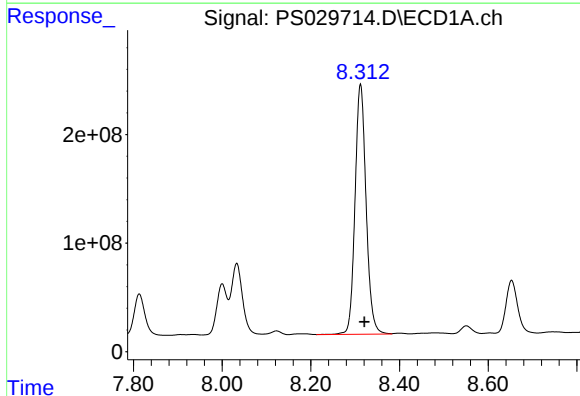
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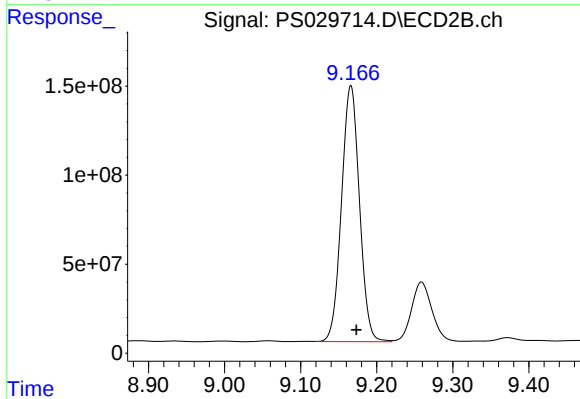
#9 2,4-D

R.T.: 8.665 min
Delta R.T.: -0.006 min
Response: 465281868
Conc: 431.43 ng/ml



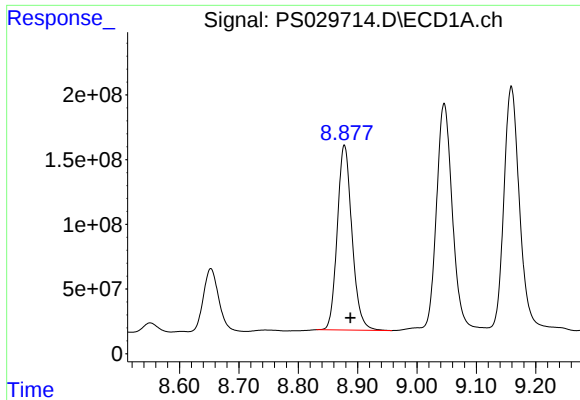
#10 Pentachlorophenol

R.T.: 8.312 min
Delta R.T.: -0.009 min
Response: 3988259642
Conc: 131.17 ng/ml



#10 Pentachlorophenol

R.T.: 9.166 min
Delta R.T.: -0.007 min
Response: 2359037181
Conc: 131.59 ng/ml



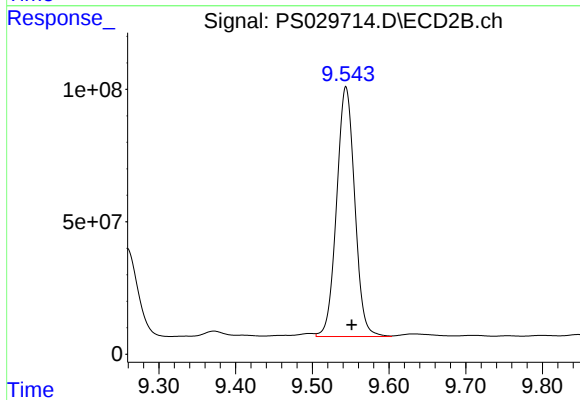
#11 2,4,5-TP (SILVEX)

R.T.: 8.878 min
Delta R.T.: -0.010 min
Response: 2457483146
Conc: 211.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-12MSD

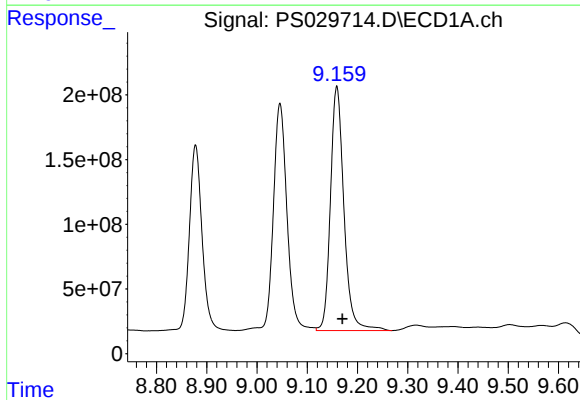
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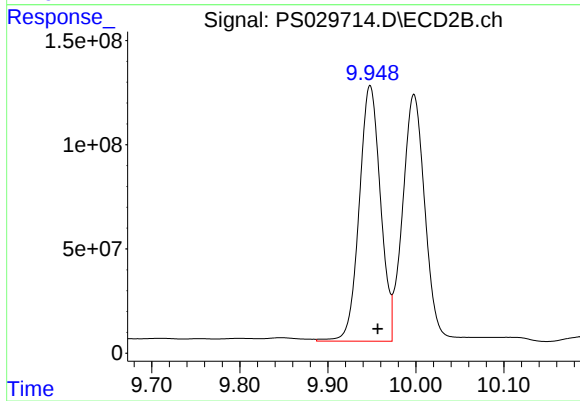
#11 2,4,5-TP (SILVEX)

R.T.: 9.543 min
Delta R.T.: -0.008 min
Response: 1547218466
Conc: 214.51 ng/ml m



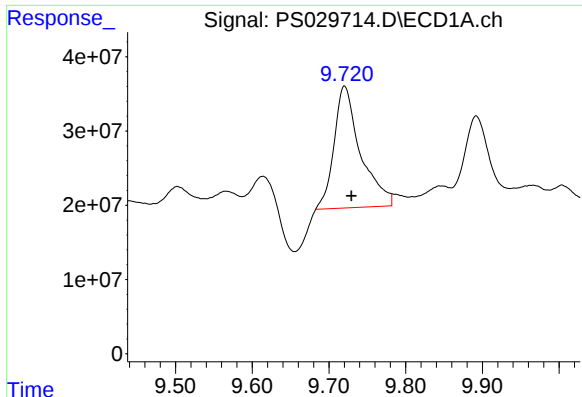
#12 2,4,5-T

R.T.: 9.159 min
Delta R.T.: -0.011 min
Response: 3523022676
Conc: 306.23 ng/ml



#12 2,4,5-T

R.T.: 9.948 min
Delta R.T.: -0.009 min
Response: 2056020531
Conc: 306.74 ng/ml



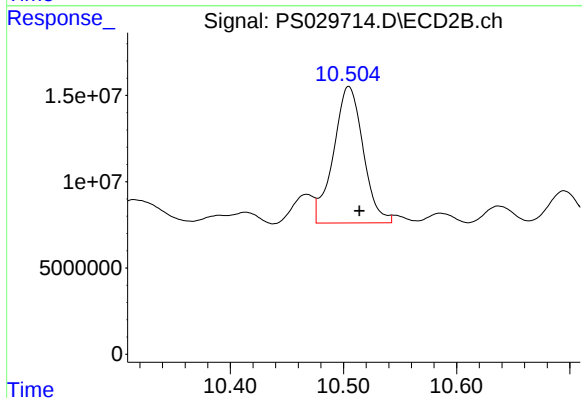
#13 2,4-DB

R.T.: 9.720 min
Delta R.T.: -0.010 min
Response: 394508815
Conc: 217.15 ng/ml

Instrument :
ECD_S
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TP-12MSD

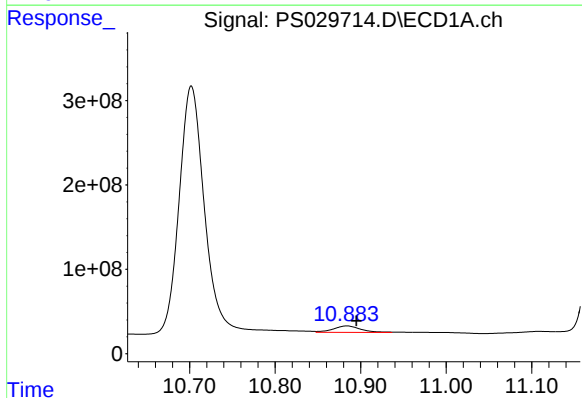
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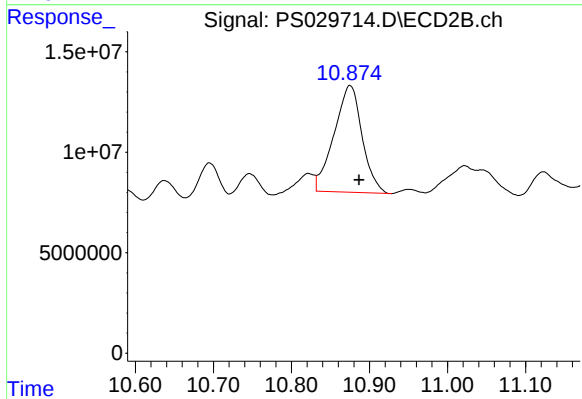
#13 2,4-DB

R.T.: 10.504 min
Delta R.T.: -0.010 min
Response: 143332383
Conc: 193.18 ng/ml m



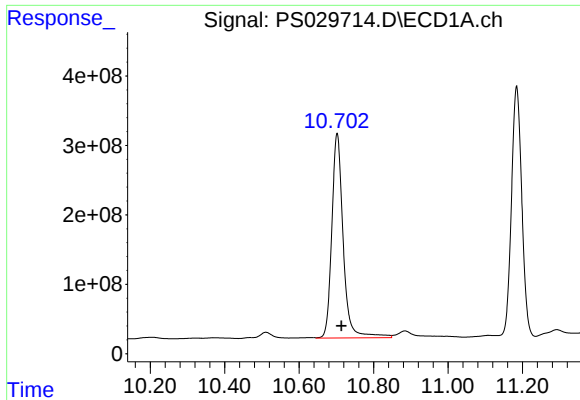
#14 DINOSEB

R.T.: 10.883 min
Delta R.T.: -0.012 min
Response: 170438278
Conc: 20.19 ng/ml m



#14 DINOSEB

R.T.: 10.874 min
Delta R.T.: -0.012 min
Response: 132407777
Conc: 25.90 ng/ml m



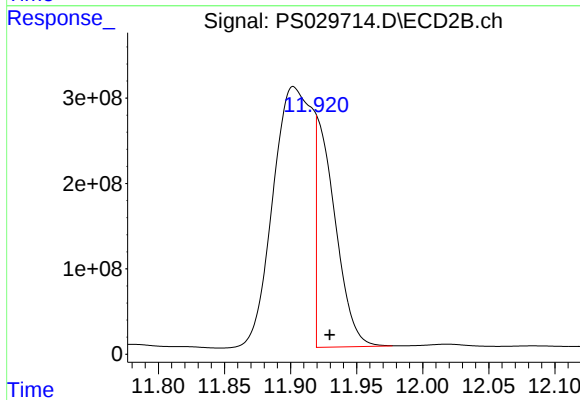
#15 Picloram

R.T.: 10.702 min
Delta R.T.: -0.011 min
Response: 6272469241
Conc: 404.67 ng/ml

Instrument :
ECD_S
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TP-12MSD

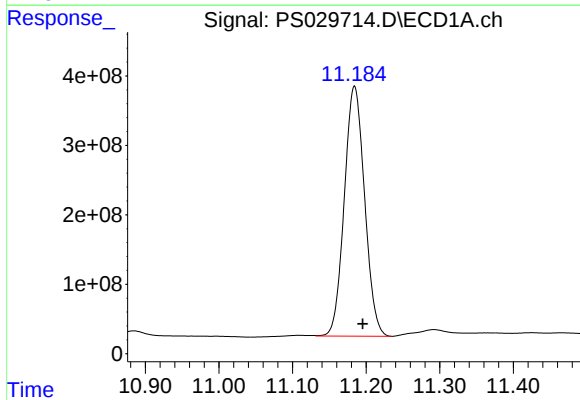
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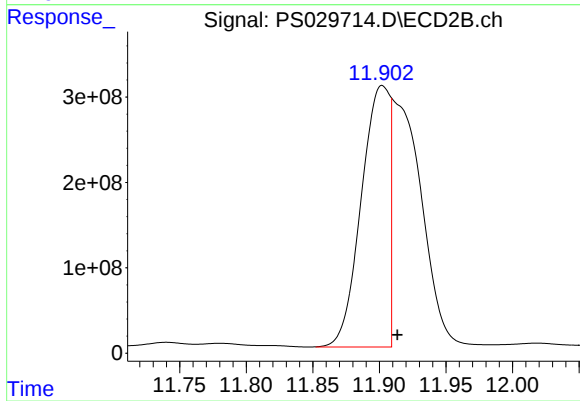
#15 Picloram

R.T.: 11.920 min
Delta R.T.: -0.010 min
Response: 2651791304
Conc: 224.26 ng/ml m



#16 DCPA

R.T.: 11.184 min
Delta R.T.: -0.012 min
Response: 6900645431
Conc: 494.10 ng/ml m



#16 DCPA

R.T.: 11.902 min
Delta R.T.: -0.012 min
Response: 4440153925
Conc: 501.67 ng/ml m