

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS121225\
 Data File : PS032729.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Dec 2025 16:58
 Operator : AR\AJ
 Sample : Q3831-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PL-01-12102025MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/15/2025
 Supervised By : Yogesh Patel 12/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 00:49:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS121025.M
 Quant Title : 8080.M
 QLast Update : Thu Dec 11 01:33:06 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	7.310	7.985	2280.8E6	966.3E6	319.617	345.071m
Target Compounds							
1) T	Dalapon	2.680	2.835	2318.4E6	2801.0E6	216.277m	602.777m#
2) T	3,5-DICHL...	6.470	6.904	3288.2E6	1487.8E6	380.834	379.583
3) T	4-Nitroph...	7.109	7.502	1473.6E6	703.4E6	327.258	356.573
5) T	DICAMBA	7.504	8.195	8295.0E6	4224.8E6	333.285	369.999
6) T	MCPD	7.686	8.292	530.9E6	287.0E6	32.737	35.385
7) T	MCPA	7.838	8.543	583.9E6	428.9E6	28.213	38.754m#
8) T	DICHLORPROP	8.226	8.927	2377.6E6	1109.8E6	370.829	374.496
9) T	2,4-D	8.460	9.268	2763.7E6	1342.7E6	372.619	391.320
10) T	Pentachlo...	8.770	9.821	37086.5E6	16609.3E6	466.887	400.760
11) T	2,4,5-TP ...	9.356	10.191	13989.6E6	6729.3E6	371.099m	395.071m
12) T	2,4,5-T	9.653	10.621	12617.3E6	6735.4E6	330.944	381.750
13) T	2,4-DB	10.236	11.193	2129.1E6	899.4E6	336.542m	365.895m
14) T	DINOSEB	11.462	11.578	8814.0E6	4738.8E6	324.859m	375.913
15) T	Picloram	11.266	12.704	16333.9E6	8801.5E6	341.985	352.470
16) T	DCPA	11.756	12.640	13491.9E6	7710.9E6	280.469	372.735m#

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

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Acq On : 12 Dec 2025 16:58
Operator : AR\AJ
Sample : Q3831-01MSD
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ALS Vial : 7 Sample Multiplier: 1

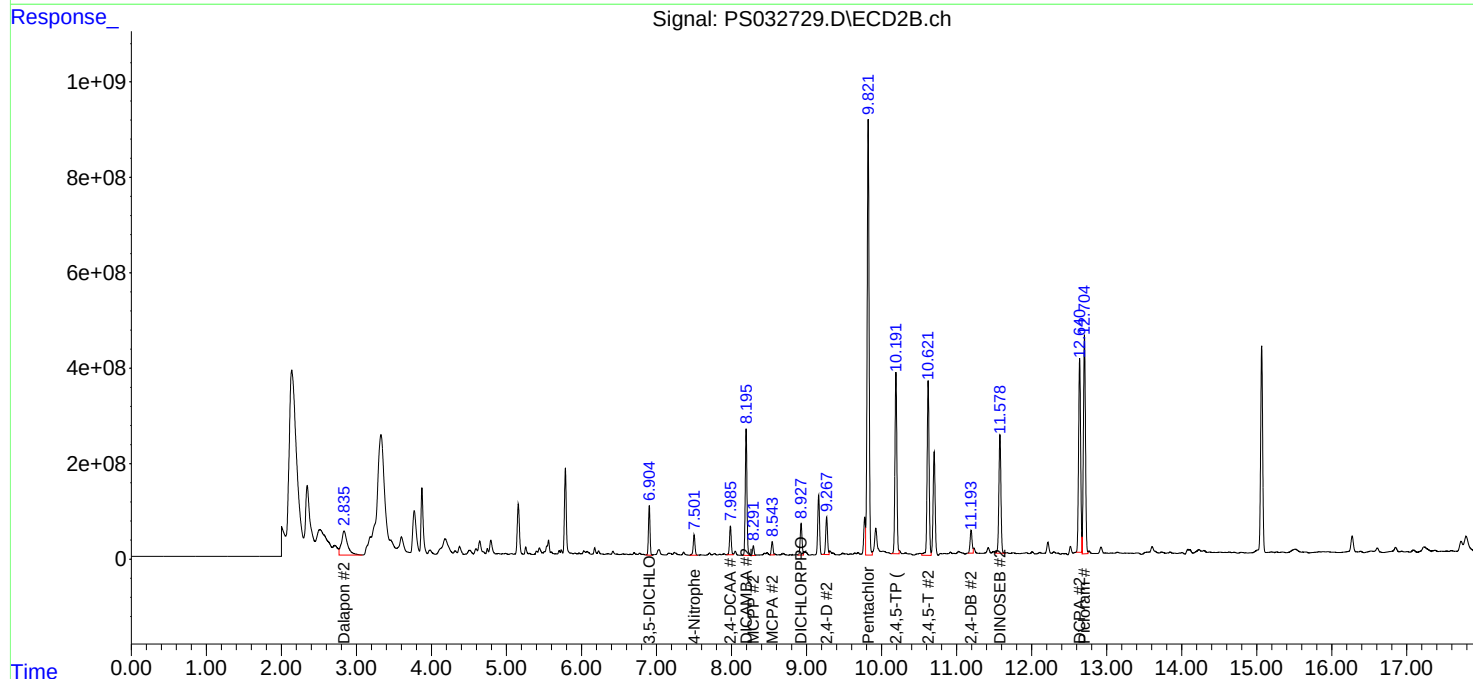
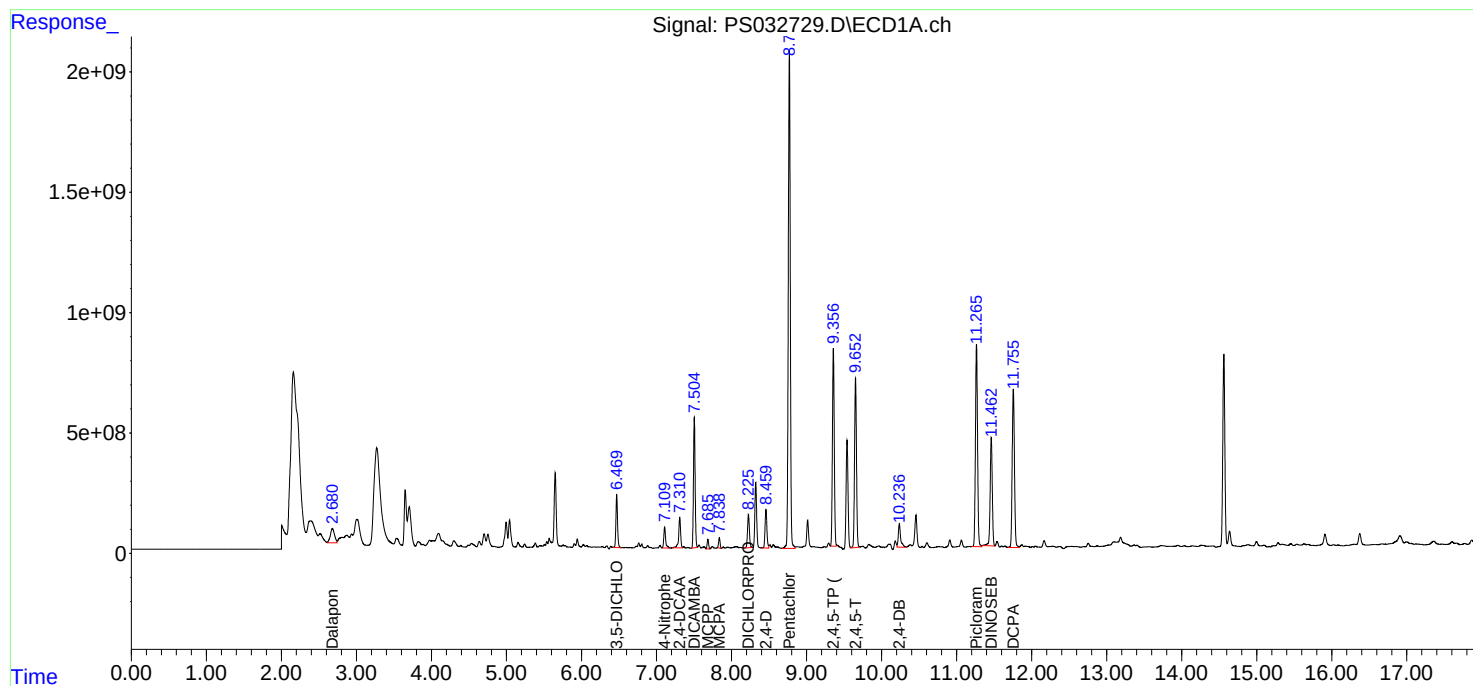
Instrument :
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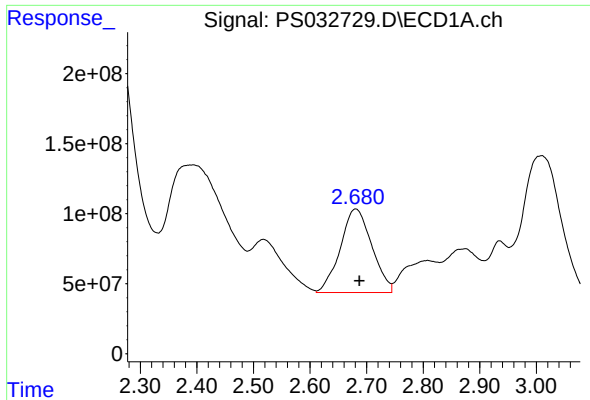
Manual Integrations
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Supervised By :Yogesh Patel 12/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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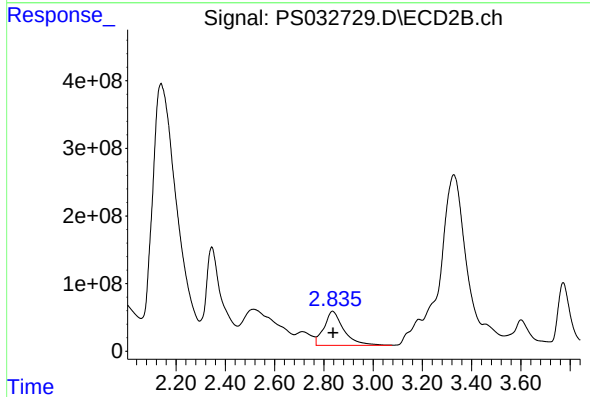
#1 Dalapon

R.T.: 2.680 min
Delta R.T.: -0.007 min
Response: 2318364339
Conc: 216.28 ng/ml

Instrument :
ECD_S
ClientSampleId :
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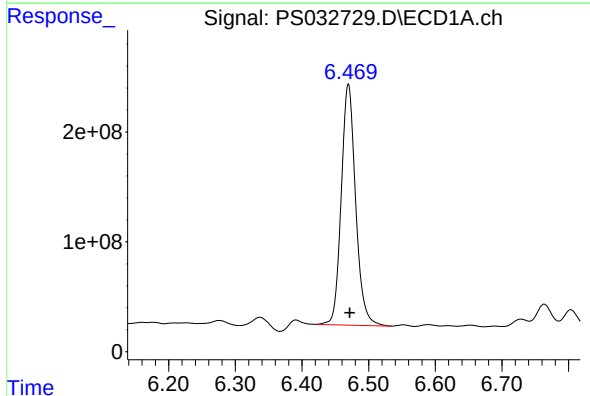
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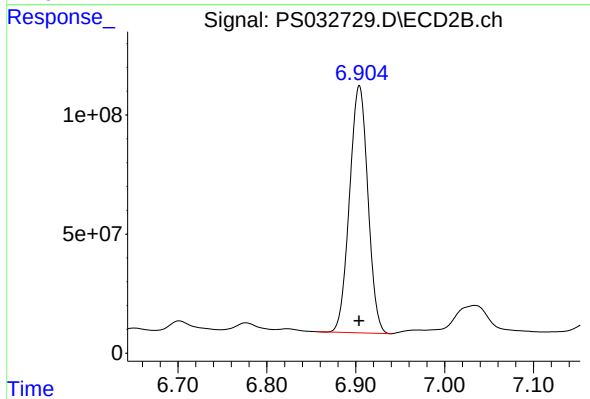
#1 Dalapon

R.T.: 2.835 min
Delta R.T.: -0.002 min
Response: 2801032683
Conc: 602.78 ng/ml m



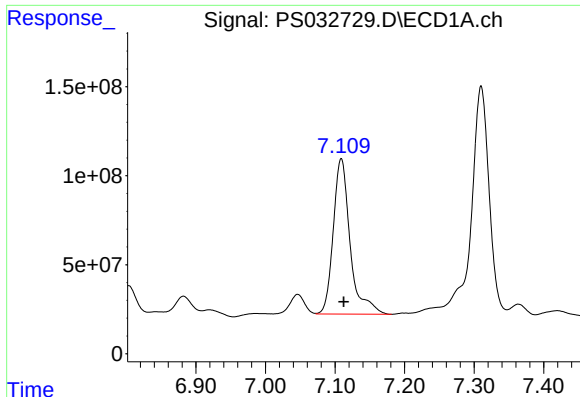
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.470 min
Delta R.T.: -0.002 min
Response: 3288249877
Conc: 380.83 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.904 min
Delta R.T.: 0.000 min
Response: 1487793476
Conc: 379.58 ng/ml



#3 4-Nitrophenol

R.T.: 7.109 min
Delta R.T.: -0.004 min
Response: 1473625609
Conc: 327.26 ng/ml

Instrument :

ECD_S

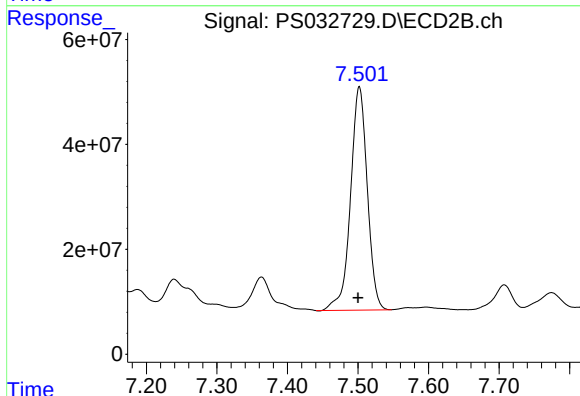
ClientSampleId :

PL-01-12102025MSD

Manual Integrations

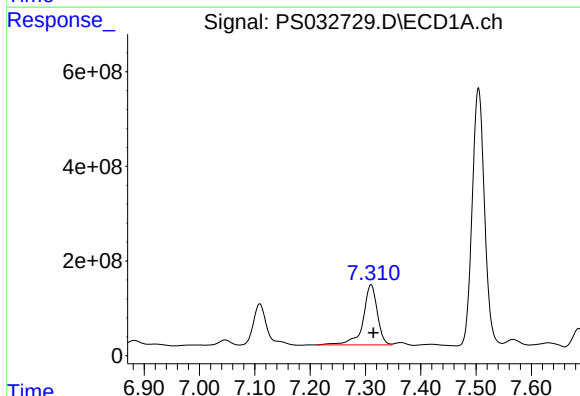
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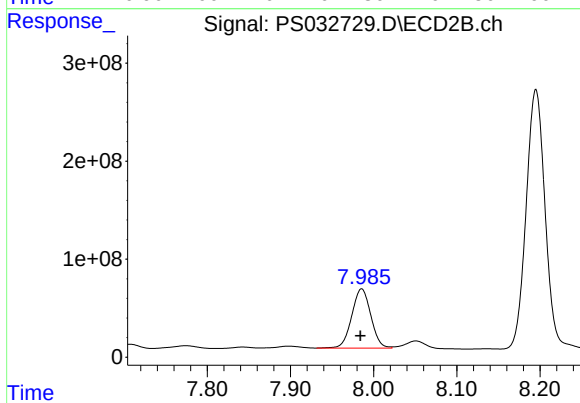
#3 4-Nitrophenol

R.T.: 7.502 min
Delta R.T.: 0.002 min
Response: 703407797
Conc: 356.57 ng/ml



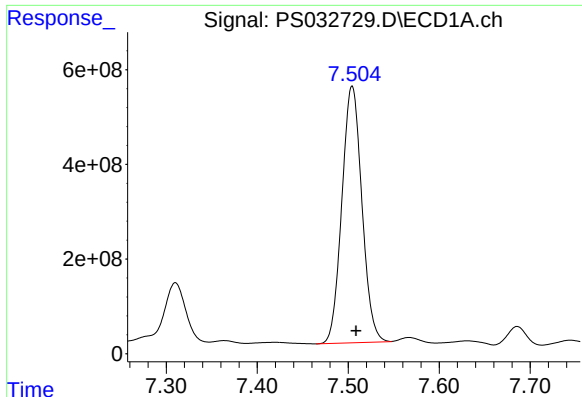
#4 2,4-DCAA

R.T.: 7.310 min
Delta R.T.: -0.004 min
Response: 2280769795
Conc: 319.62 ng/ml



#4 2,4-DCAA

R.T.: 7.985 min
Delta R.T.: 0.001 min
Response: 966310949
Conc: 345.07 ng/ml m



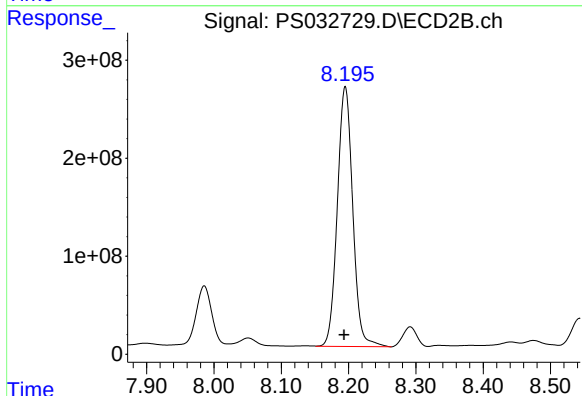
#5 DICAMBA

R.T.: 7.504 min
Delta R.T.: -0.004 min
Response: 8294960562
Conc: 333.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
PL-01-12102025MSD

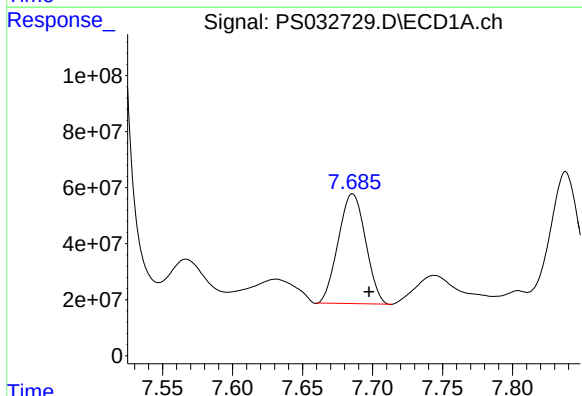
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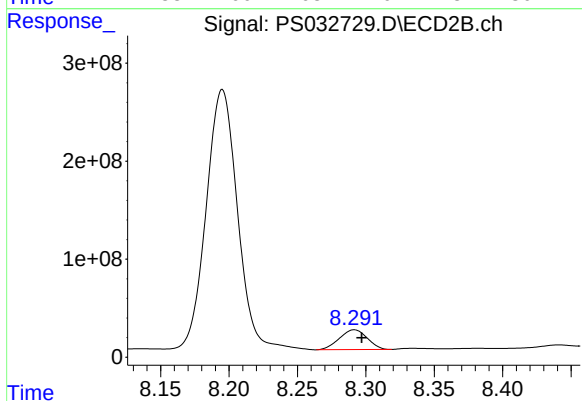
#5 DICAMBA

R.T.: 8.195 min
Delta R.T.: 0.002 min
Response: 4224783236
Conc: 370.00 ng/ml



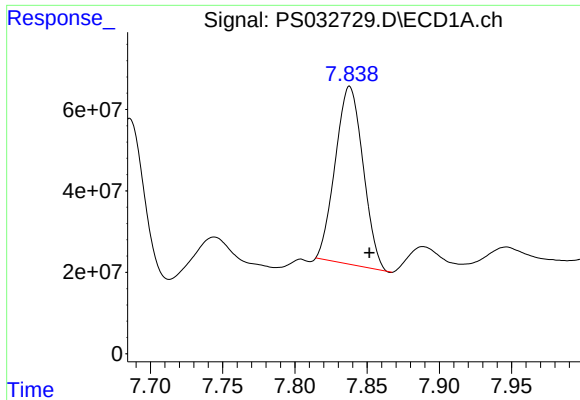
#6 MCP

R.T.: 7.686 min
Delta R.T.: -0.012 min
Response: 530860478
Conc: 32.74 ug/ml



#6 MCP

R.T.: 8.292 min
Delta R.T.: -0.005 min
Response: 286968913
Conc: 35.39 ug/ml



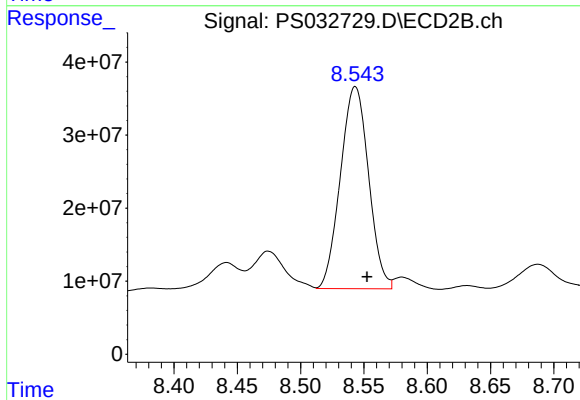
#7 MCPA

R.T.: 7.838 min
Delta R.T.: -0.014 min
Response: 583943748
Conc: 28.21 ug/ml

Instrument :
ECD_S
ClientSampleId :
PL-01-12102025MSD

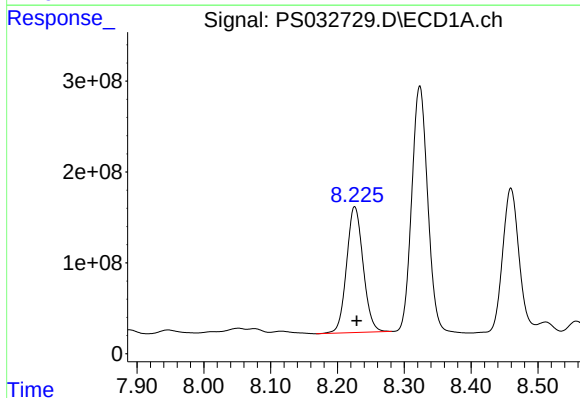
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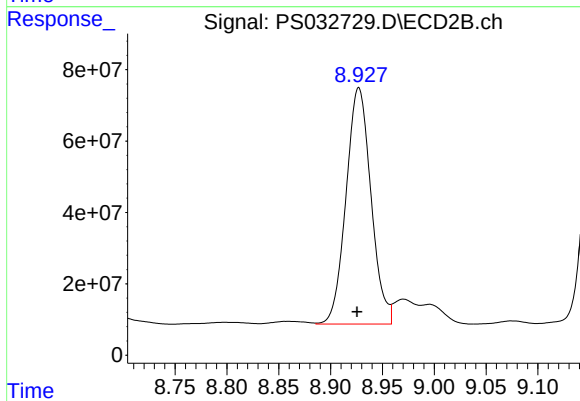
#7 MCPA

R.T.: 8.543 min
Delta R.T.: -0.010 min
Response: 428899400
Conc: 38.75 ug/ml m



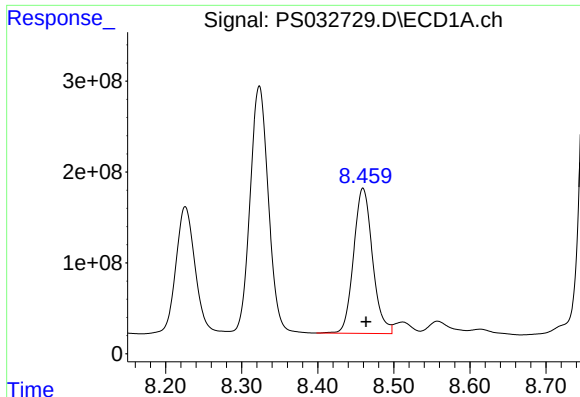
#8 DICHLORPROP

R.T.: 8.226 min
Delta R.T.: -0.003 min
Response: 2377561211
Conc: 370.83 ng/ml



#8 DICHLORPROP

R.T.: 8.927 min
Delta R.T.: 0.002 min
Response: 1109848234
Conc: 374.50 ng/ml



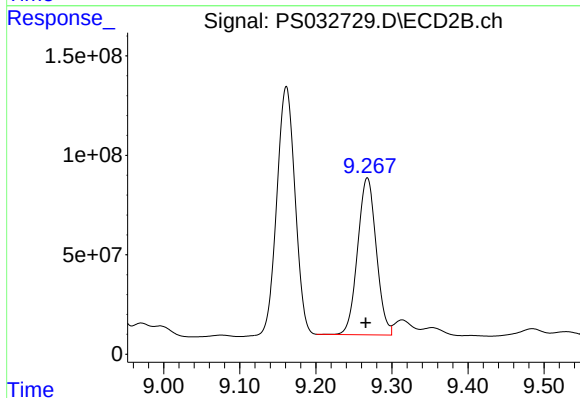
#9 2,4-D

R.T.: 8.460 min
Delta R.T.: -0.004 min
Response: 2763698419
Conc: 372.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
PL-01-12102025MSD

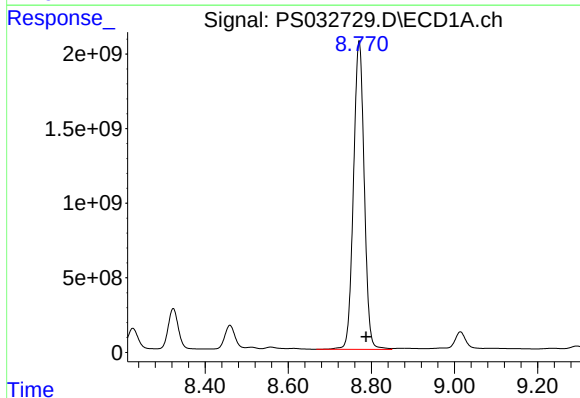
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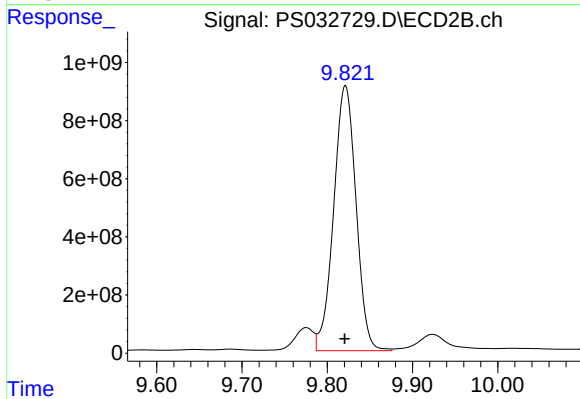
#9 2,4-D

R.T.: 9.268 min
Delta R.T.: 0.002 min
Response: 1342657276
Conc: 391.32 ng/ml



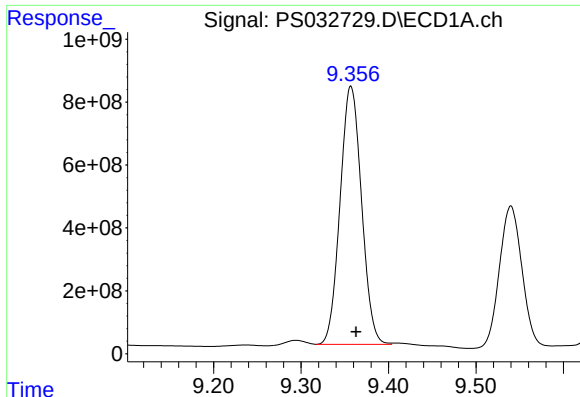
#10 Pentachlorophenol

R.T.: 8.770 min
Delta R.T.: -0.017 min
Response: 37086532136
Conc: 466.89 ng/ml



#10 Pentachlorophenol

R.T.: 9.821 min
Delta R.T.: 0.000 min
Response: 16609269216
Conc: 400.76 ng/ml



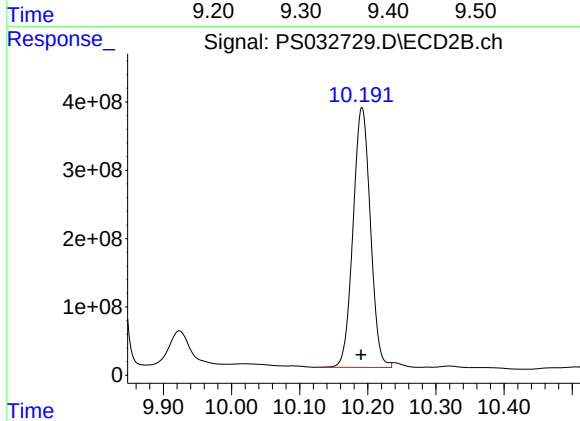
#11 2,4,5-TP (SILVEX)

R.T.: 9.356 min
Delta R.T.: -0.006 min
Response: 13989579343
Conc: 371.10 ng/ml

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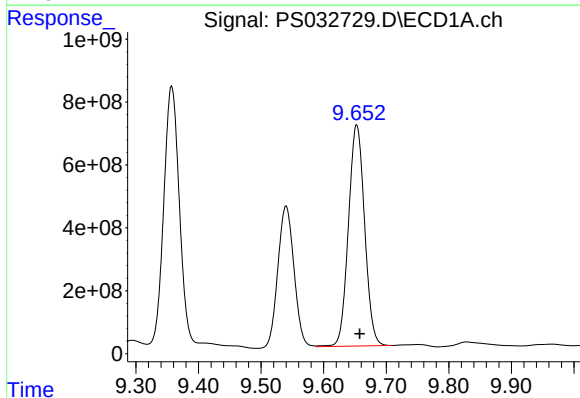
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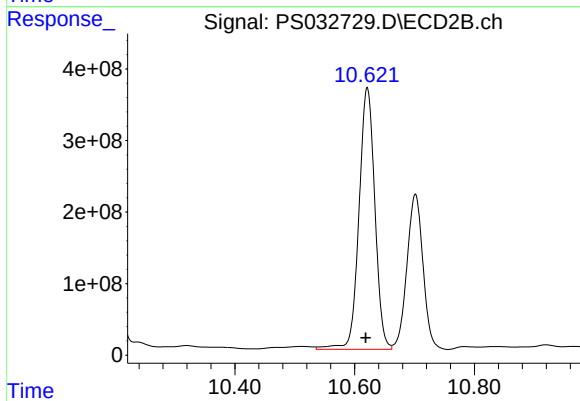
#11 2,4,5-TP (SILVEX)

R.T.: 10.191 min
Delta R.T.: 0.001 min
Response: 6729303680
Conc: 395.07 ng/ml m



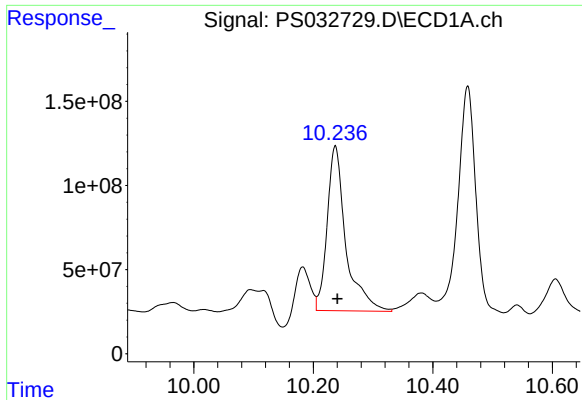
#12 2,4,5-T

R.T.: 9.653 min
Delta R.T.: -0.005 min
Response: 12617340062
Conc: 330.94 ng/ml



#12 2,4,5-T

R.T.: 10.621 min
Delta R.T.: 0.002 min
Response: 6735403960
Conc: 381.75 ng/ml



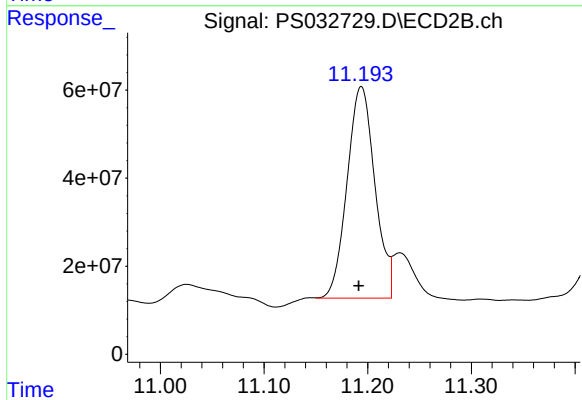
#13 2,4-DB

R.T.: 10.236 min
Delta R.T.: -0.004 min
Response: 2129093069
Conc: 336.54 ng/ml

Instrument :
ECD_S
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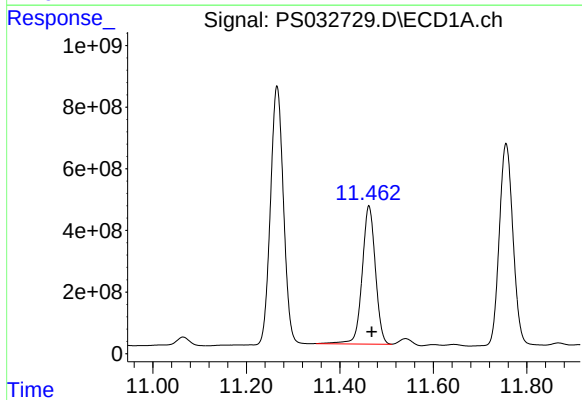
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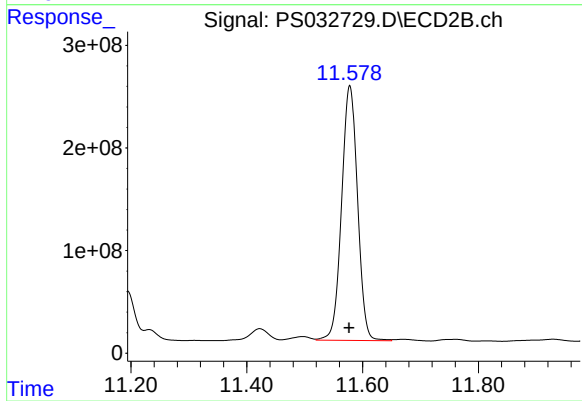
#13 2,4-DB

R.T.: 11.193 min
Delta R.T.: 0.002 min
Response: 899449972
Conc: 365.89 ng/ml m



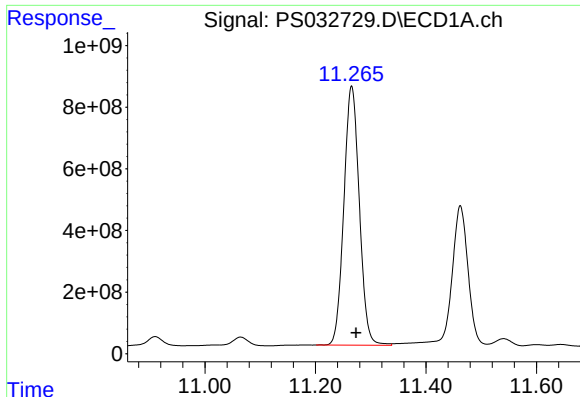
#14 DINOSEB

R.T.: 11.462 min
Delta R.T.: -0.006 min
Response: 8814027213
Conc: 324.86 ng/ml m



#14 DINOSEB

R.T.: 11.578 min
Delta R.T.: 0.002 min
Response: 4738763844
Conc: 375.91 ng/ml



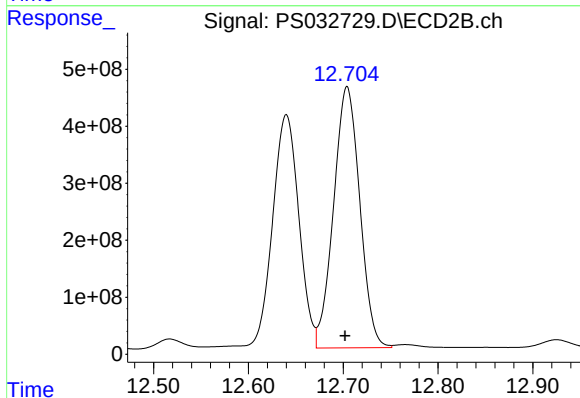
#15 Picloram

R.T.: 11.266 min
Delta R.T.: -0.008 min
Response: 16333852280
Conc: 341.98 ng/ml

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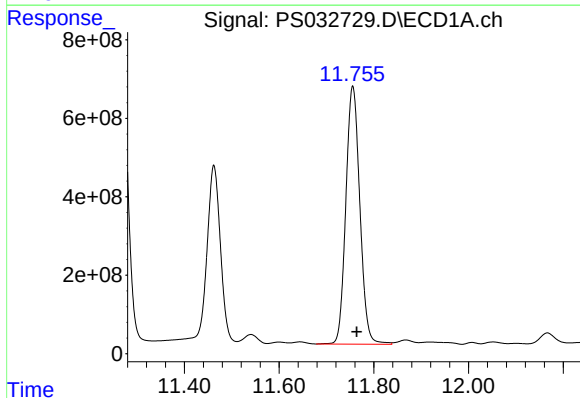
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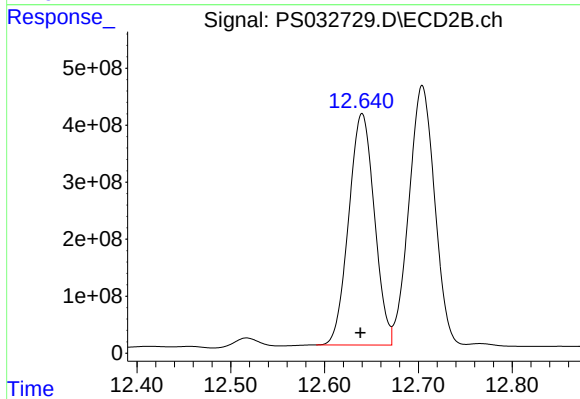
#15 Picloram

R.T.: 12.704 min
Delta R.T.: 0.002 min
Response: 8801504628
Conc: 352.47 ng/ml



#16 DCPA

R.T.: 11.756 min
Delta R.T.: -0.008 min
Response: 13491920633
Conc: 280.47 ng/ml



#16 DCPA

R.T.: 12.640 min
Delta R.T.: 0.001 min
Response: 7710931296
Conc: 372.73 ng/ml m