

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101425\
 Data File : PS032008.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2025 19:08
 Operator : AR\AJ
 Sample : Q3326-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/15/2025
 Supervised By : mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 03:22:53 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	7.280	7.734	227.2E6	63546984	47.664m	57.752
Target Compounds							
1) T	Dalapon	2.645	2.683	517.7E6	3186.2E6	66.996m	847.774 #
2) T	3,5-DICHL...	6.452	6.703	298.4E6	69527758	42.400	33.333
5) T	DICAMBA	7.462	7.937	1426.7E6	733.4E6	68.126	84.685m
6) T	MCP	7.688f	8.070f	38755348	19005405	3.169m	7.656m#
7) T	MCPA	7.791	8.318f	20730714	158.5E6	1.409	42.027 #
8) T	DICHLORPROP	8.174	8.658	364.5E6	144.5E6	76.660	73.805
9) T	2,4-D	8.415	9.008	432.8E6	633.0E6	89.125m	304.567 #
10) T	Pentachlo...	8.701	9.506	583.9E6	462.1E6	8.700	8.918
11) T	2,4,5-TP ...	9.279	9.916f	2050.5E6	6730.8E6	72.605	335.283 #
12) T	2,4,5-T	9.579	10.324	2347.0E6	1420.4E6	92.971m	82.846m
13) T	2,4-DB	10.176f	10.895	84619769	8375579	27.294m	6.482m#
15) T	Picloram	11.184	12.394	2086.1E6	2194.6E6	88.477	65.921 #
16) T	DCPA	11.643	12.304	4440.4E6	3853.0E6	120.860	116.014

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

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Operator : AR\AJ
Sample : Q3326-01MSD
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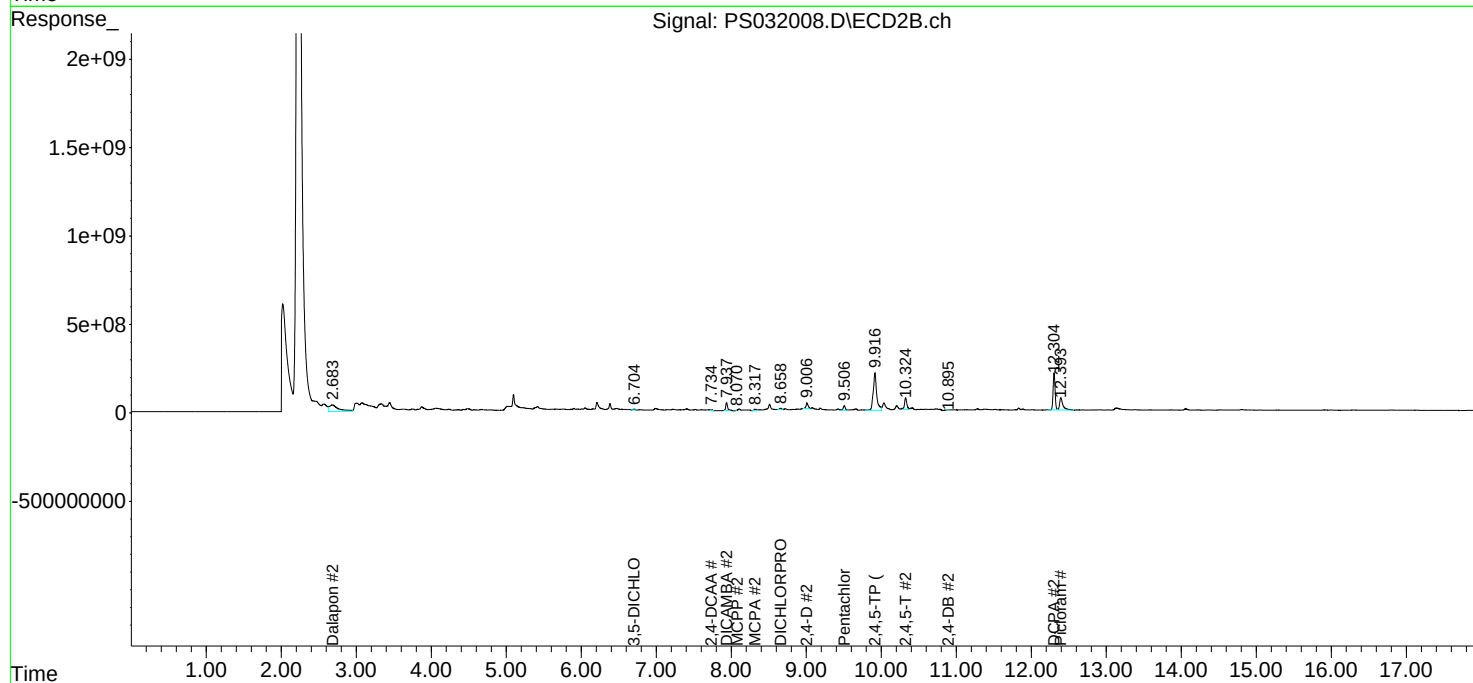
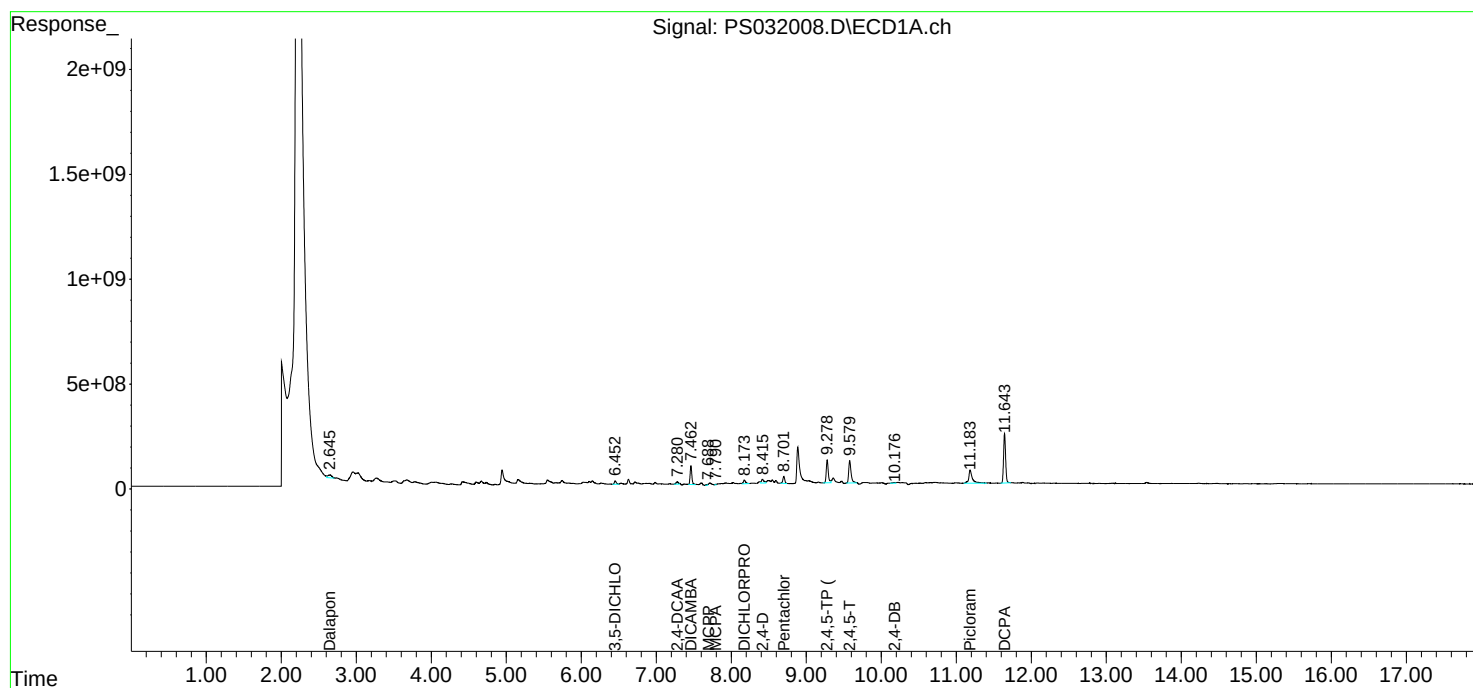
Instrument :
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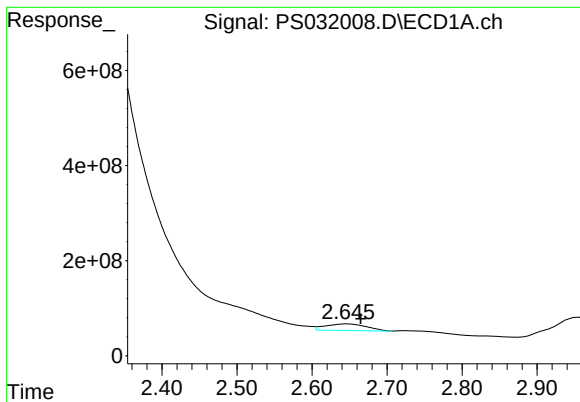
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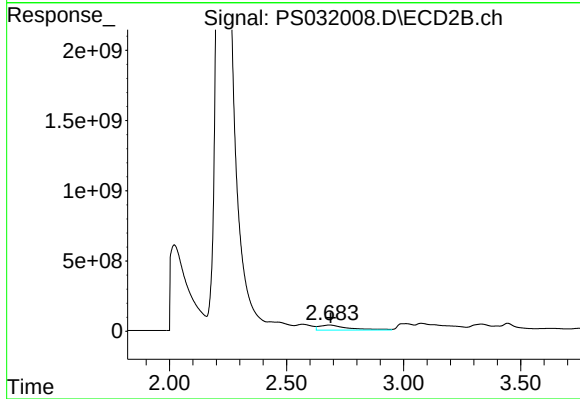
#1 Dalapon

R.T.: 2.645 min
Delta R.T.: -0.020 min
Response: 517714641
Conc: 67.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MSD

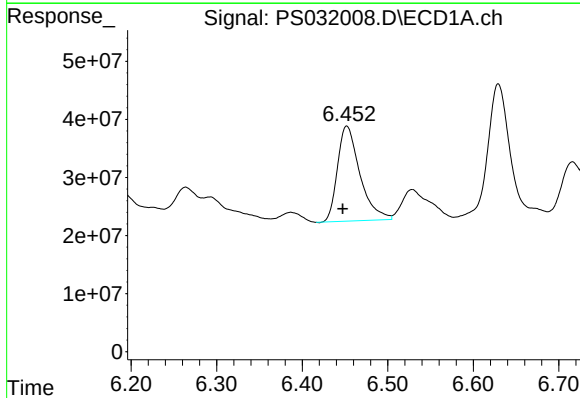
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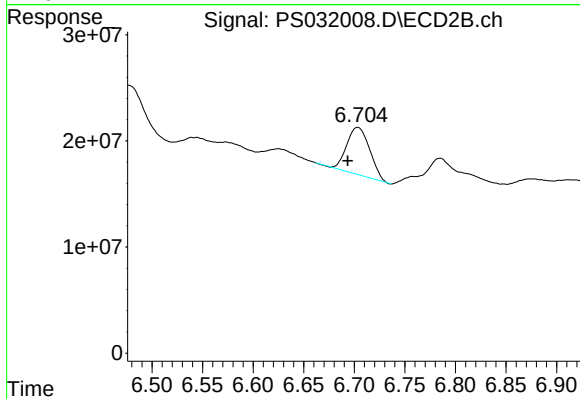
#1 Dalapon

R.T.: 2.683 min
Delta R.T.: -0.006 min
Response: 3186164412
Conc: 847.77 ng/ml



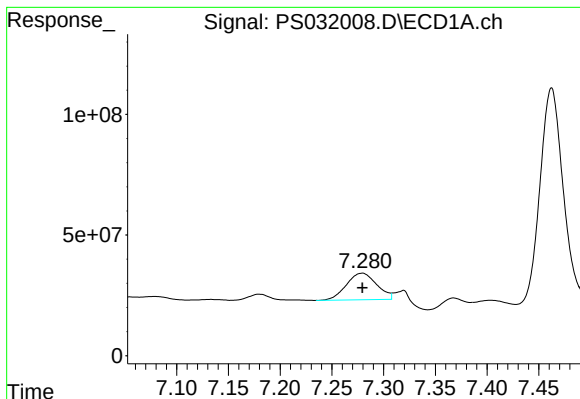
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: 0.005 min
Response: 298444345
Conc: 42.40 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.703 min
Delta R.T.: 0.010 min
Response: 69527758
Conc: 33.33 ng/ml



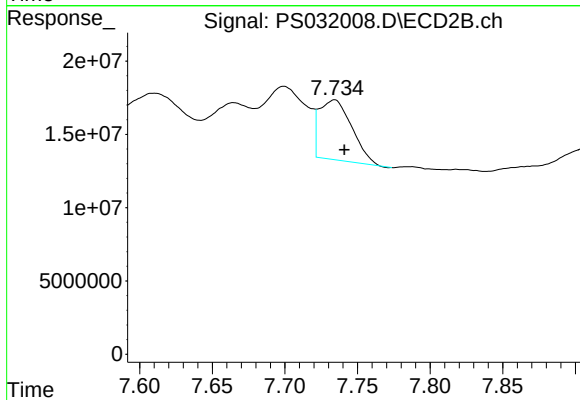
#4 2,4-DCAA

R.T.: 7.280 min
Delta R.T.: 0.000 min
Response: 227218093
Conc: 47.66 ng/ml

Instrument :
ECD_S
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TP-1MSD

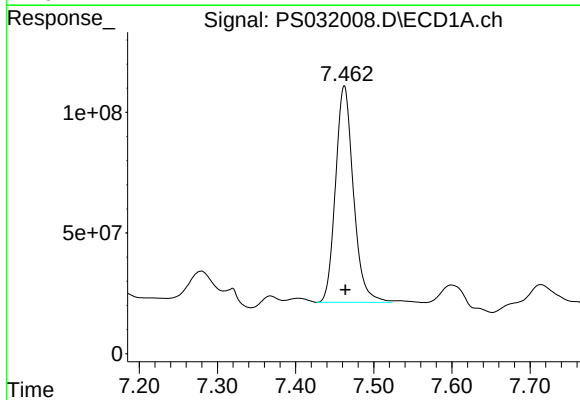
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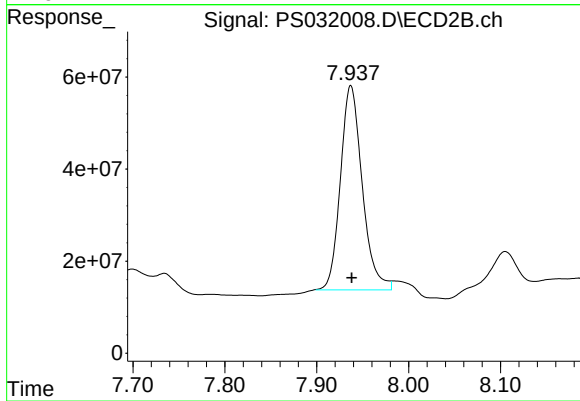
#4 2,4-DCAA

R.T.: 7.734 min
Delta R.T.: -0.007 min
Response: 63546984
Conc: 57.75 ng/ml



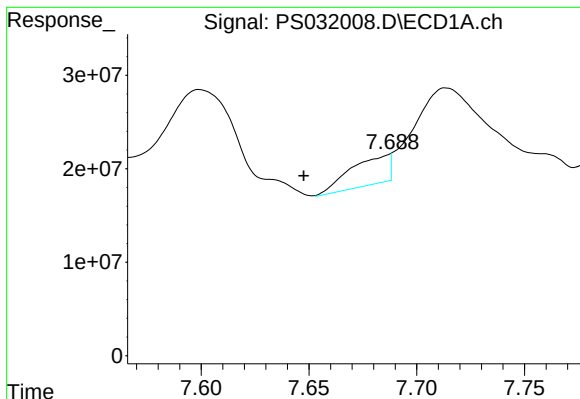
#5 DICAMBA

R.T.: 7.462 min
Delta R.T.: -0.002 min
Response: 1426715049
Conc: 68.13 ng/ml



#5 DICAMBA

R.T.: 7.937 min
Delta R.T.: -0.002 min
Response: 733444492
Conc: 84.68 ng/ml m



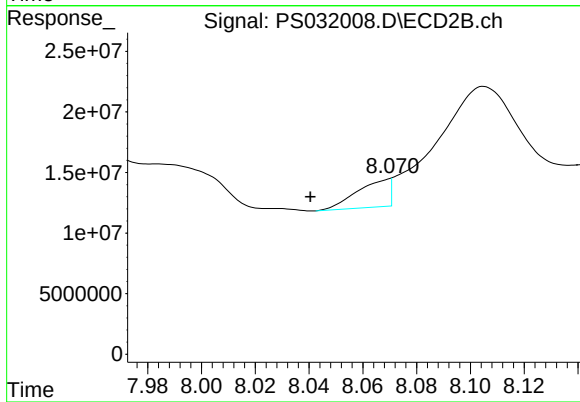
#6 MCP

R.T.: 7.688 min
Delta R.T.: 0.040 min
Response: 38755348
Conc: 3.17 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MSD

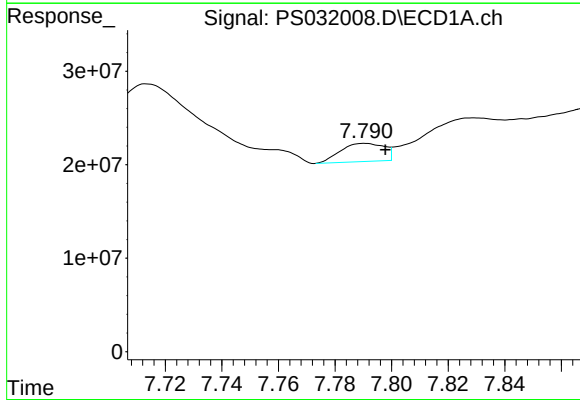
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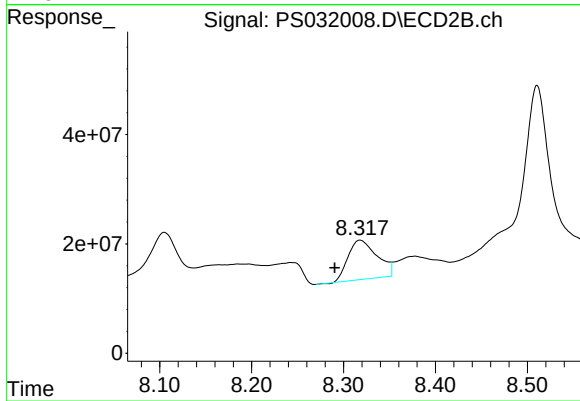
#6 MCP

R.T.: 8.070 min
Delta R.T.: 0.030 min
Response: 19005405
Conc: 7.66 ug/ml m



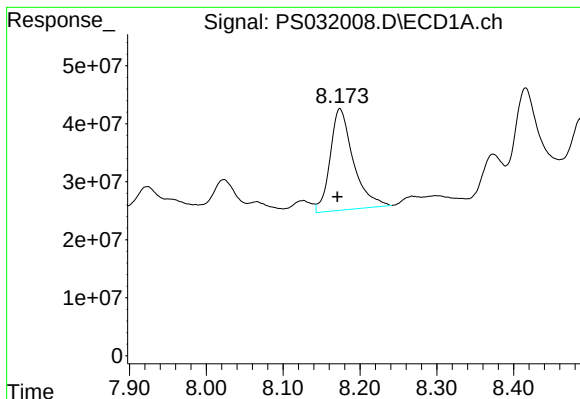
#7 MCPA

R.T.: 7.791 min
Delta R.T.: -0.007 min
Response: 20730714
Conc: 1.41 ug/ml



#7 MCPA

R.T.: 8.318 min
Delta R.T.: 0.028 min
Response: 158539186
Conc: 42.03 ug/ml



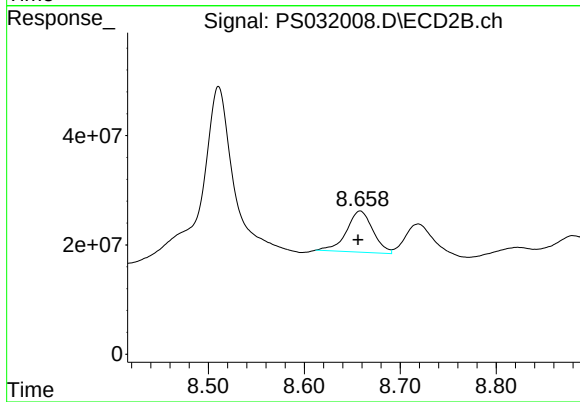
#8 DICHLORPROP

R.T.: 8.174 min
Delta R.T.: 0.003 min
Response: 364452338
Conc: 76.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MSD

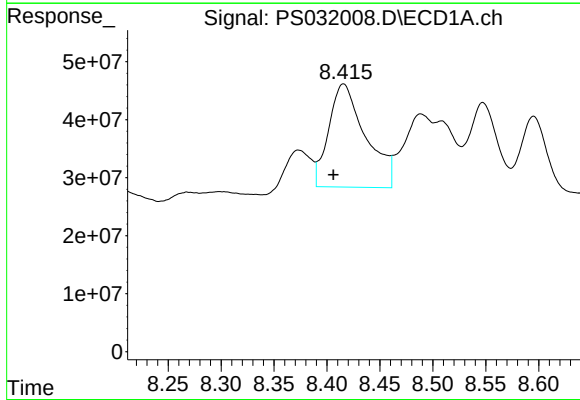
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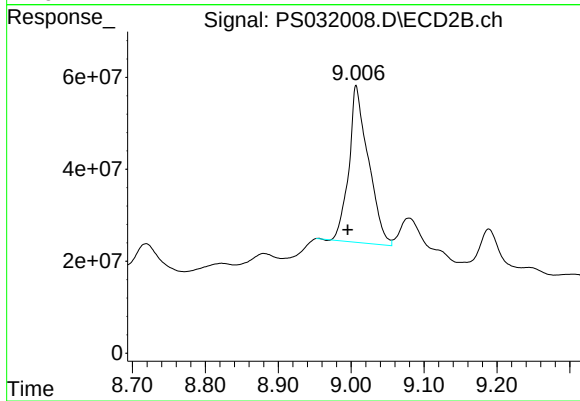
#8 DICHLORPROP

R.T.: 8.658 min
Delta R.T.: 0.002 min
Response: 144528685
Conc: 73.80 ng/ml



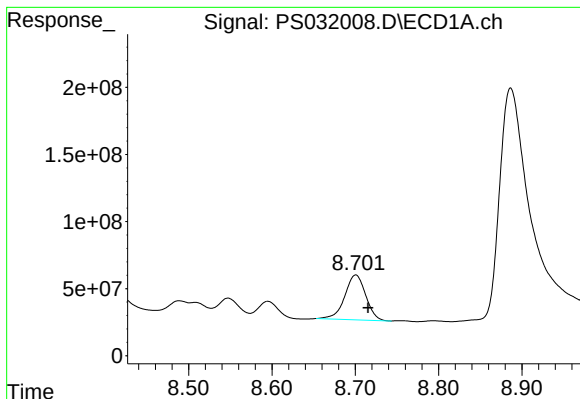
#9 2,4-D

R.T.: 8.415 min
Delta R.T.: 0.009 min
Response: 432781730
Conc: 89.13 ng/ml m



#9 2,4-D

R.T.: 9.008 min
Delta R.T.: 0.012 min
Response: 632981620
Conc: 304.57 ng/ml



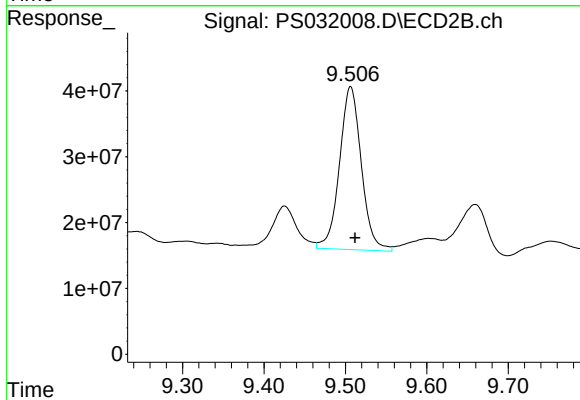
#10 Pentachlorophenol

R.T.: 8.701 min
Delta R.T.: -0.015 min
Response: 583908319
Conc: 8.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MSD

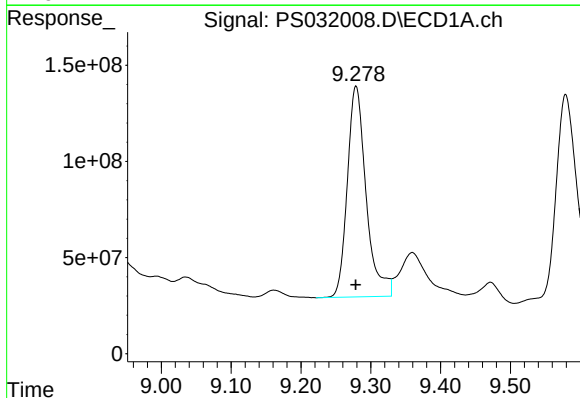
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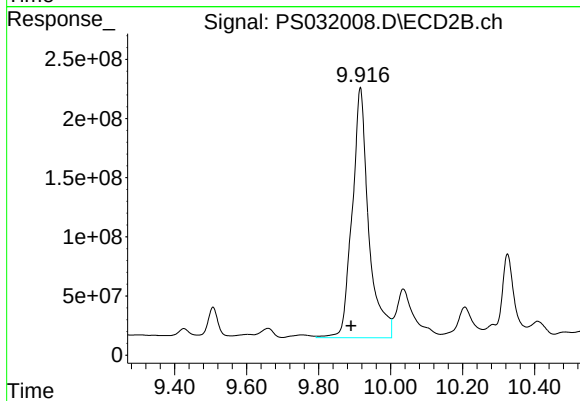
#10 Pentachlorophenol

R.T.: 9.506 min
Delta R.T.: -0.006 min
Response: 462149300
Conc: 8.92 ng/ml



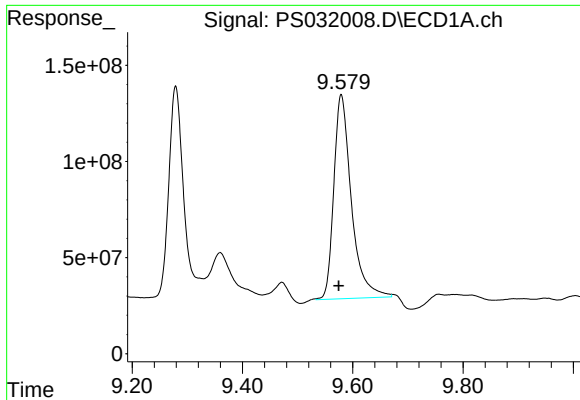
#11 2,4,5-TP (SILVEX)

R.T.: 9.279 min
Delta R.T.: 0.000 min
Response: 2050516699
Conc: 72.61 ng/ml



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

R.T.: 9.916 min
Delta R.T.: 0.026 min
Response: 6730756945
Conc: 335.28 ng/ml



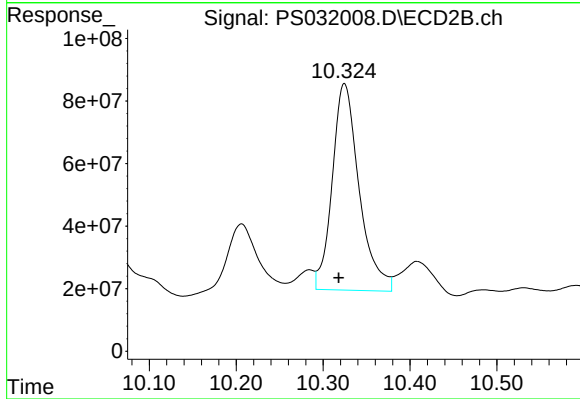
#12 2,4,5-T

R.T.: 9.579 min
Delta R.T.: 0.004 min
Response: 2346990149
Conc: 92.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MSD

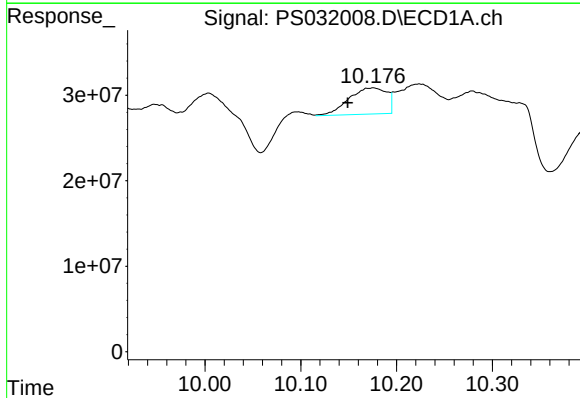
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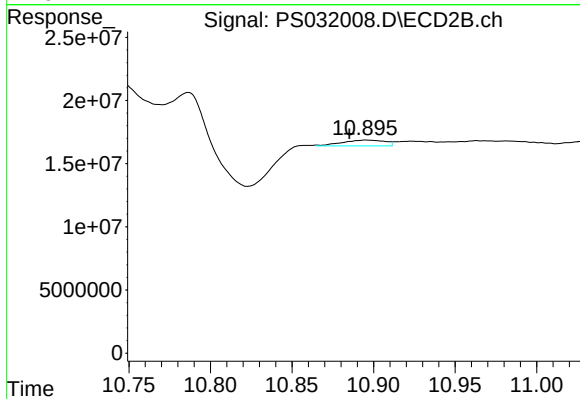
#12 2,4,5-T

R.T.: 10.324 min
Delta R.T.: 0.006 min
Response: 1420375698
Conc: 82.85 ng/ml m



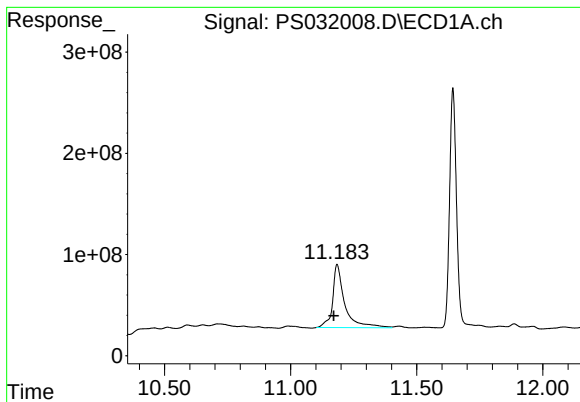
#13 2,4-DB

R.T.: 10.176 min
Delta R.T.: 0.027 min
Response: 84619769
Conc: 27.29 ng/ml m



#13 2,4-DB

R.T.: 10.895 min
Delta R.T.: 0.010 min
Response: 8375579
Conc: 6.48 ng/ml m



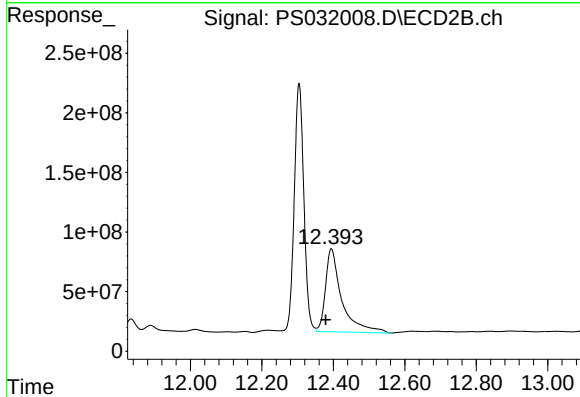
#15 Picloram

R.T.: 11.184 min
Delta R.T.: 0.012 min
Response: 2086095488
Conc: 88.48 ng/ml

Instrument :
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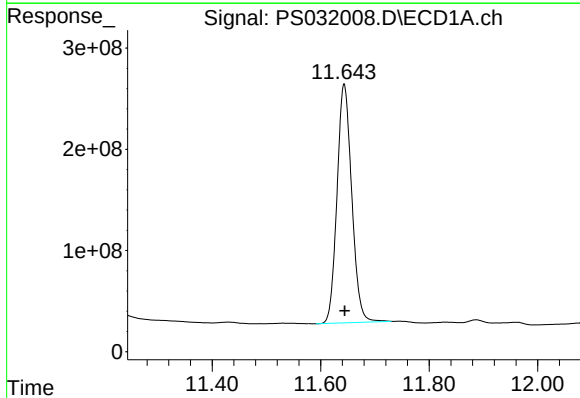
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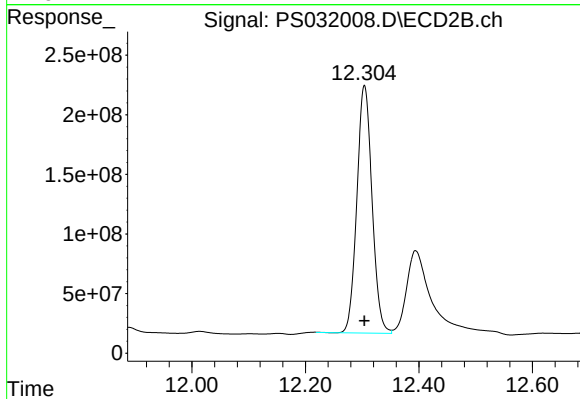
#15 Picloram

R.T.: 12.394 min
Delta R.T.: 0.015 min
Response: 2194640626
Conc: 65.92 ng/ml



#16 DCPA

R.T.: 11.643 min
Delta R.T.: -0.001 min
Response: 4440430770
Conc: 120.86 ng/ml



#16 DCPA

R.T.: 12.304 min
Delta R.T.: 0.000 min
Response: 3853032010
Conc: 116.01 ng/ml