

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102425\
 Data File : PS032156.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2025 16:14
 Operator : AR\AJ
 Sample : Q3412-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-6MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/27/2025
 Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 06:22:57 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	7.276	7.741	935.5E6	208.3E6	196.239	189.334m
Target Compounds							
1) T	Dalapon	2.606f	2.681	893.6E6	1212.1E6	115.635m	322.505m#
2) T	3,5-DICHL...	6.447	6.699	441.9E6	126.5E6	62.786	60.643
3) T	4-Nitroph...	7.045f	7.305	75355821	64625040	56.460m	42.589
5) T	DICAMBA	7.459	7.936	1547.7E6	758.9E6	73.904	87.629m
6) T	MCPD	7.637	8.028	10743504	2357242	<MDL	<MDL m#
7) T	MCPA	7.783	8.280	82445090	9802086	5.602	2.598 #
8) T	DICHLORPROP	8.170	8.658	348.2E6	105.3E6	73.234	53.781 #
9) T	2,4-D	8.382	9.005	2613.5E6	146.1E6	538.223m	70.305m#
10) T	Pentachlo...	8.697	9.506	3385.9E6	2185.8E6	50.445	42.178m
11) T	2,4,5-TP ...	9.277	9.881	1367.6E6	2454.5E6	48.425	122.268 #
12) T	2,4,5-T	9.576	10.326	1421.7E6	1214.3E6	56.318	70.824 #
15) T	Picloram	11.181	12.389	2286.8E6	2624.1E6	96.988	78.821
16) T	DCPA	11.636	12.302	3688.0E6	4031.3E6	100.381	121.382m

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

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Acq On : 24 Oct 2025 16:14
Operator : AR\AJ
Sample : Q3412-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

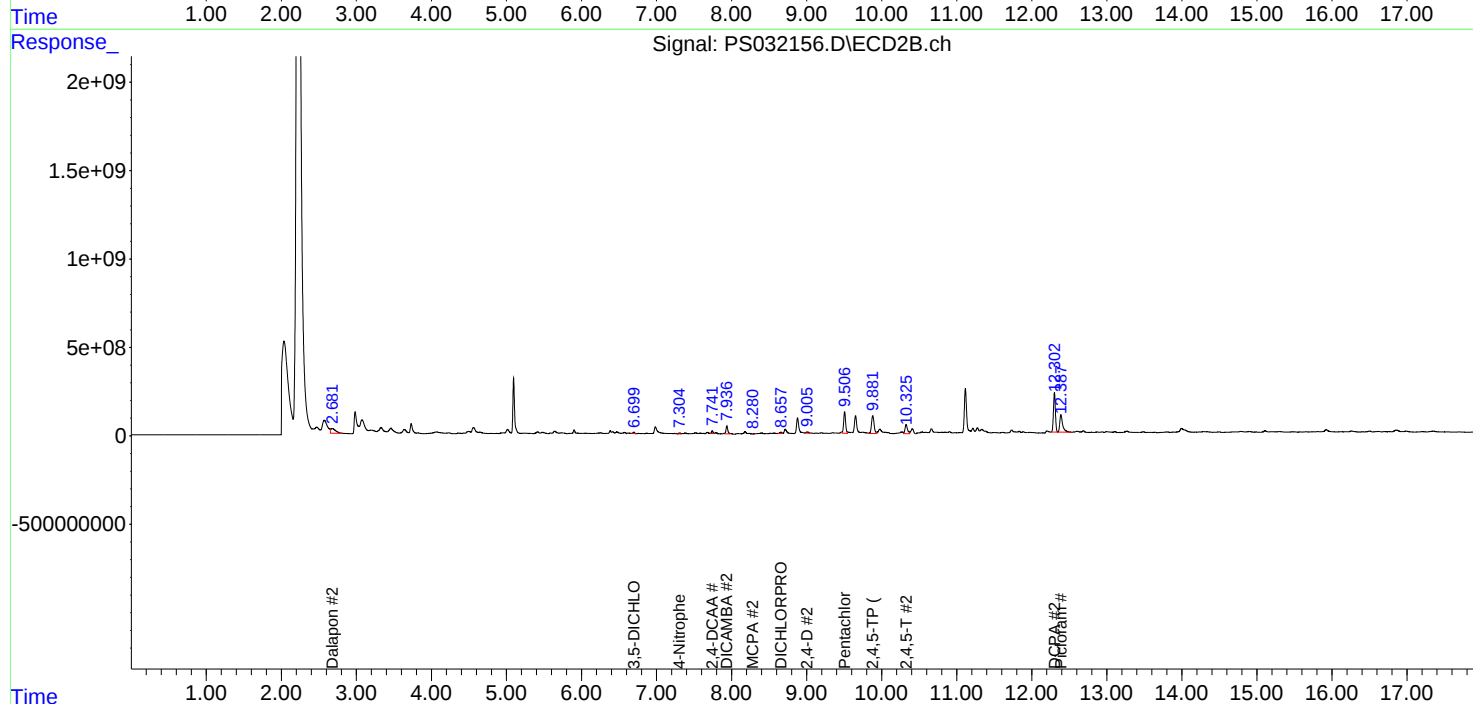
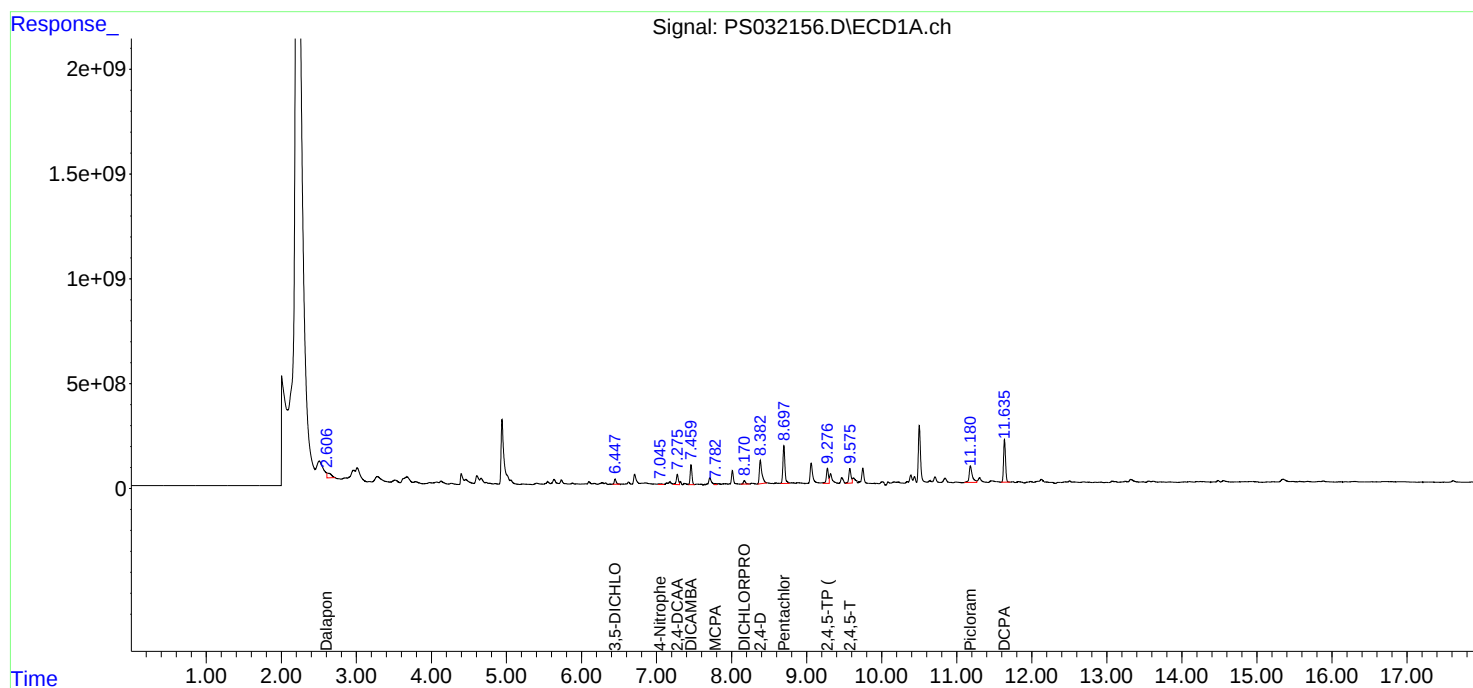
Instrument :
ECD_S
ClientSampleId :
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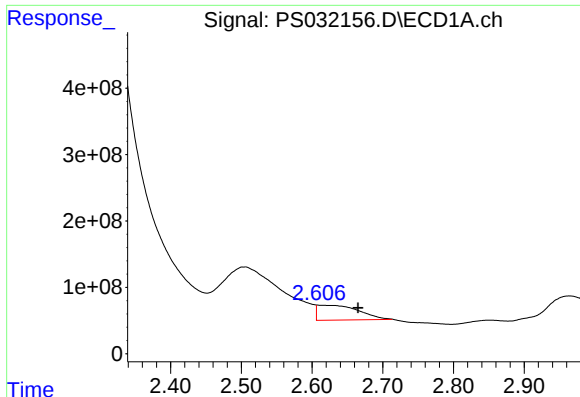
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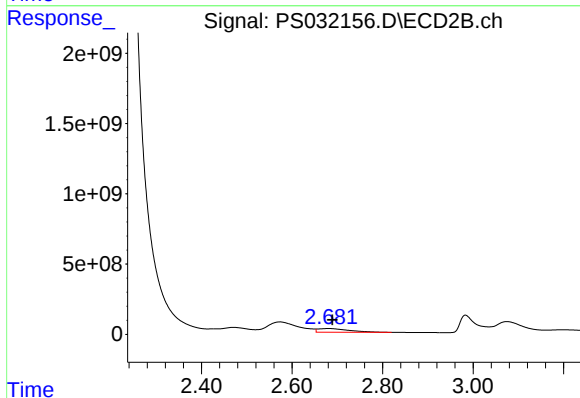
#1 Dalapon

R.T.: 2.606 min
Delta R.T.: -0.059 min
Response: 893574858
Conc: 115.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MSD

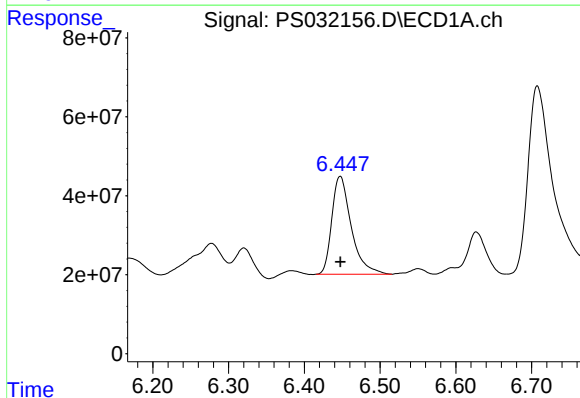
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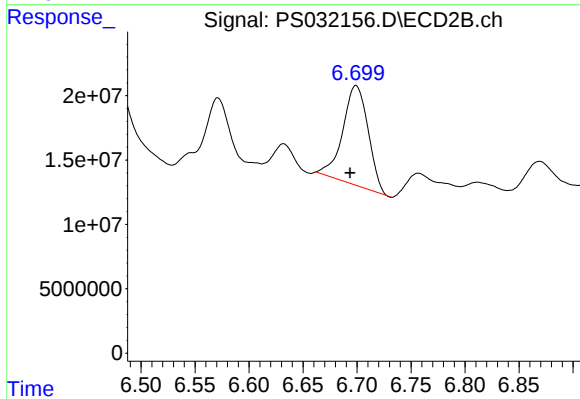
#1 Dalapon

R.T.: 2.681 min
Delta R.T.: -0.008 min
Response: 1212061405
Conc: 322.51 ng/ml m



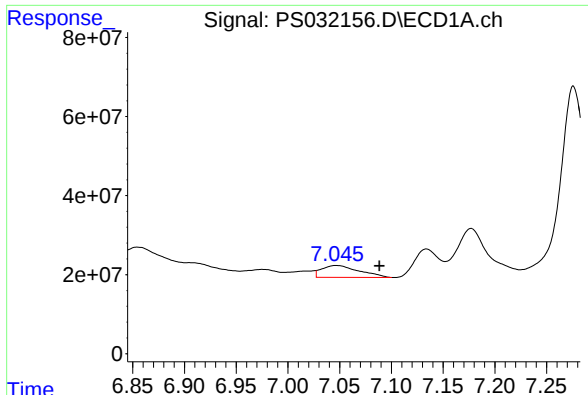
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.447 min
Delta R.T.: 0.000 min
Response: 441944354
Conc: 62.79 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.699 min
Delta R.T.: 0.005 min
Response: 126494863
Conc: 60.64 ng/ml



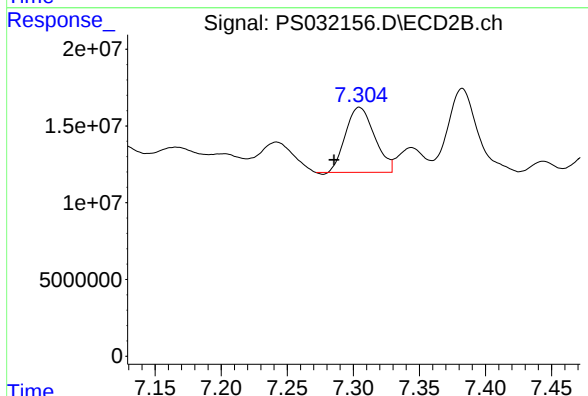
#3 4-Nitrophenol

R.T.: 7.045 min
Delta R.T.: -0.043 min
Response: 75355821
Conc: 56.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MSD

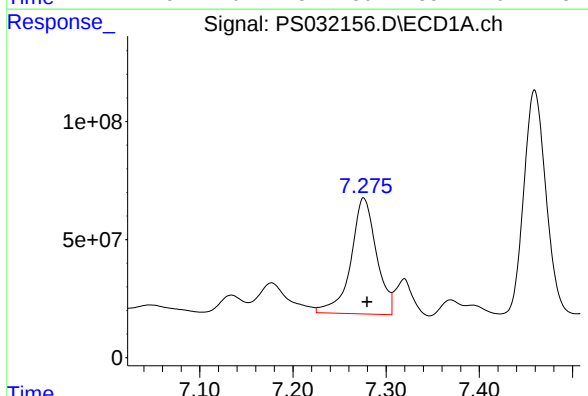
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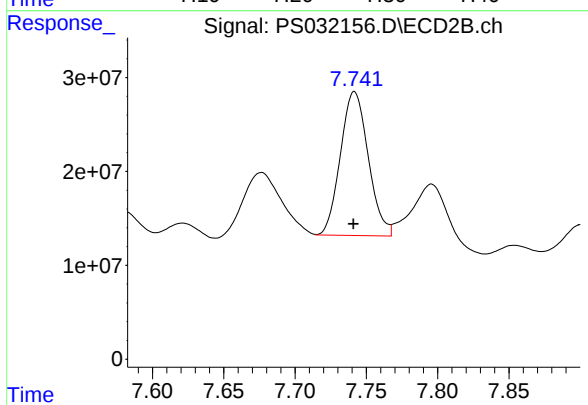
#3 4-Nitrophenol

R.T.: 7.305 min
Delta R.T.: 0.019 min
Response: 64625040
Conc: 42.59 ng/ml



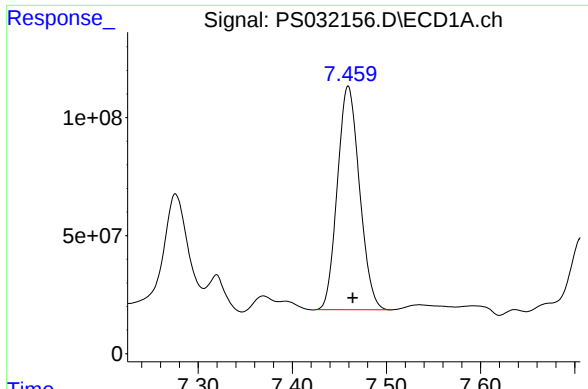
#4 2,4-DCAA

R.T.: 7.276 min
Delta R.T.: -0.003 min
Response: 935477905
Conc: 196.24 ng/ml



#4 2,4-DCAA

R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 208331334
Conc: 189.33 ng/ml m



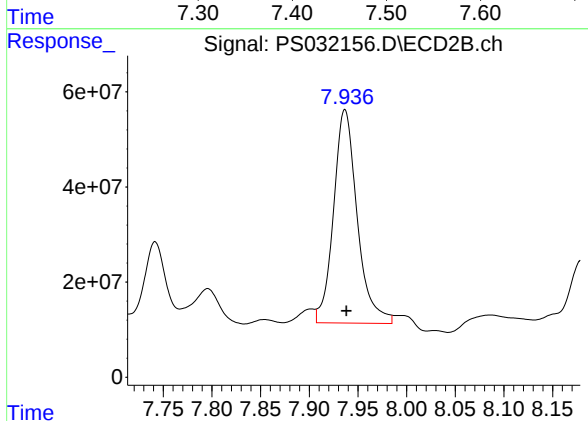
#5 DICAMBA

R.T.: 7.459 min
Delta R.T.: -0.005 min
Response: 1547716586
Conc: 73.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MSD

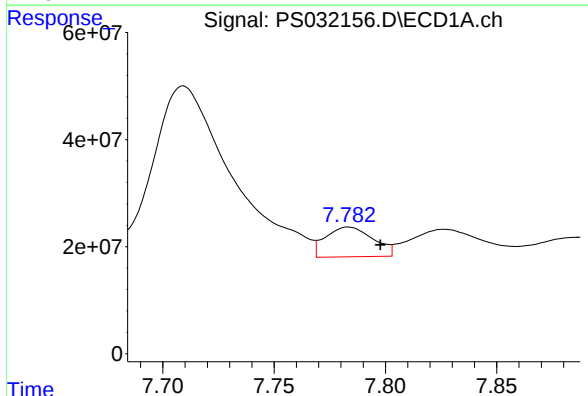
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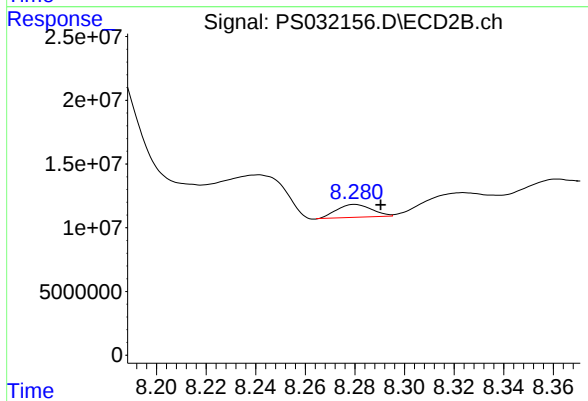
#5 DICAMBA

R.T.: 7.936 min
Delta R.T.: -0.002 min
Response: 758946938
Conc: 87.63 ng/ml m



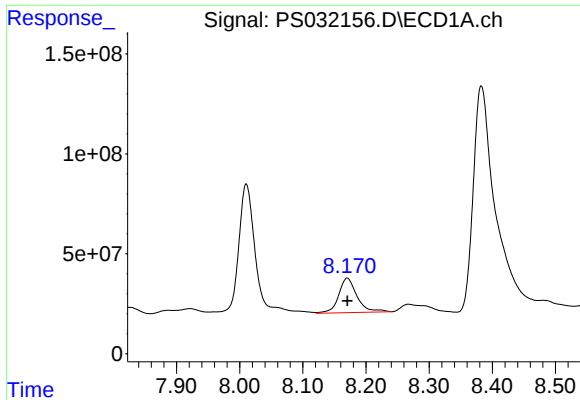
#7 MCPA

R.T.: 7.783 min
Delta R.T.: -0.014 min
Response: 82445090
Conc: 5.60 ug/ml



#7 MCPA

R.T.: 8.280 min
Delta R.T.: -0.010 min
Response: 9802086
Conc: 2.60 ug/ml



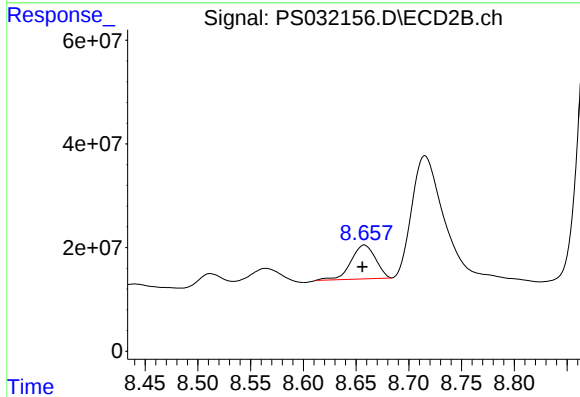
#8 DICHLORPROP

R.T.: 8.170 min
Delta R.T.: 0.000 min
Response: 348165005
Conc: 73.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MSD

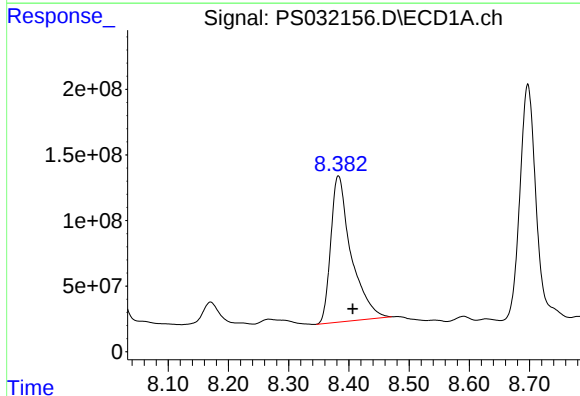
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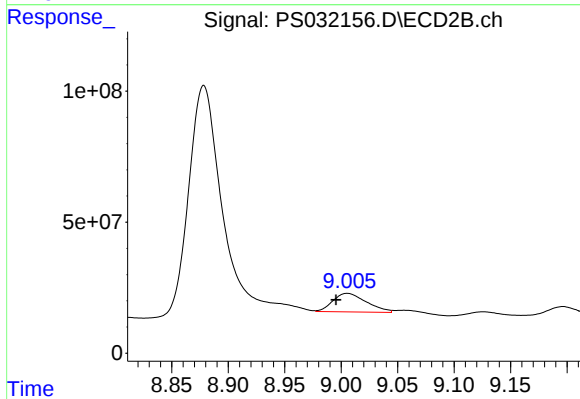
#8 DICHLORPROP

R.T.: 8.658 min
Delta R.T.: 0.002 min
Response: 105317446
Conc: 53.78 ng/ml



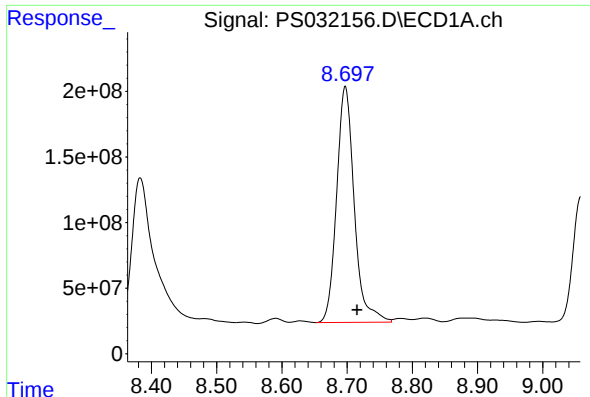
#9 2,4-D

R.T.: 8.382 min
Delta R.T.: -0.024 min
Response: 2613541679
Conc: 538.22 ng/ml m



#9 2,4-D

R.T.: 9.005 min
Delta R.T.: 0.010 min
Response: 146114210
Conc: 70.30 ng/ml m



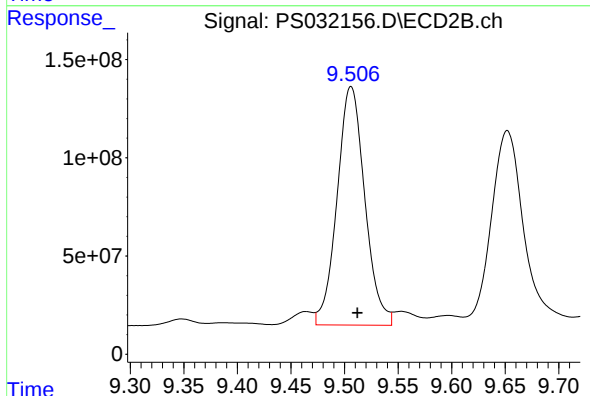
#10 Pentachlorophenol

R.T.: 8.697 min
Delta R.T.: -0.018 min
Response: 3385867119
Conc: 50.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-6MSD

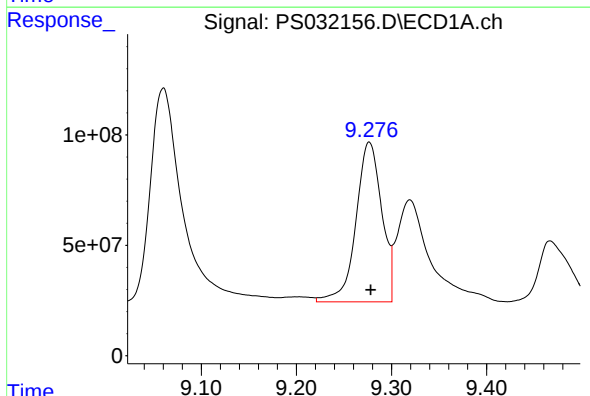
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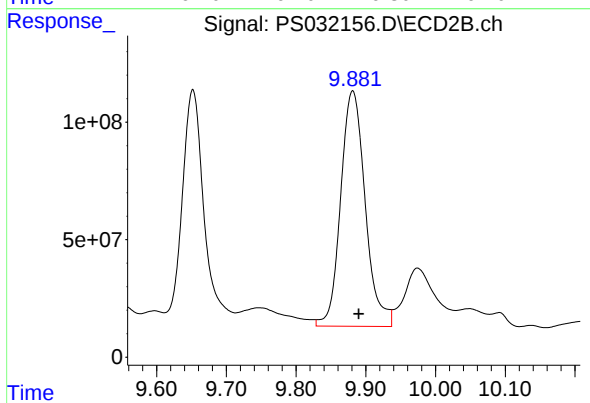
#10 Pentachlorophenol

R.T.: 9.506 min
Delta R.T.: -0.006 min
Response: 2185809816
Conc: 42.18 ng/ml m



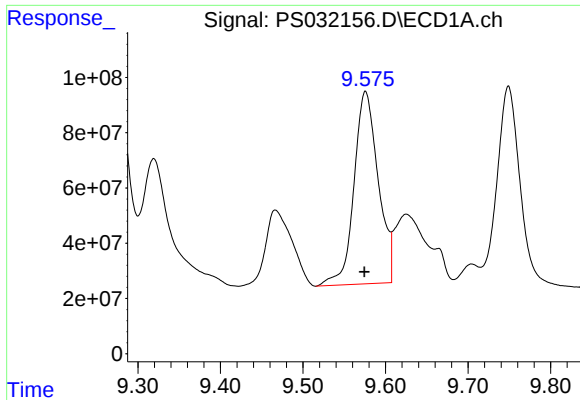
#11 2,4,5-TP (SILVEX)

R.T.: 9.277 min
Delta R.T.: -0.002 min
Response: 1367623458
Conc: 48.43 ng/ml



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

R.T.: 9.881 min
Delta R.T.: -0.009 min
Response: 2454505923
Conc: 122.27 ng/ml



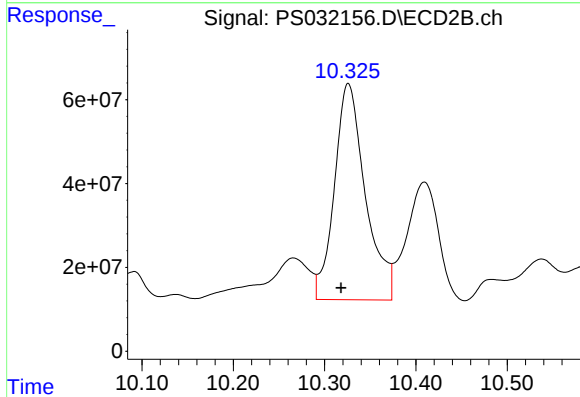
#12 2,4,5-T

R.T.: 9.576 min
Delta R.T.: 0.001 min
Response: 1421699963
Conc: 56.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
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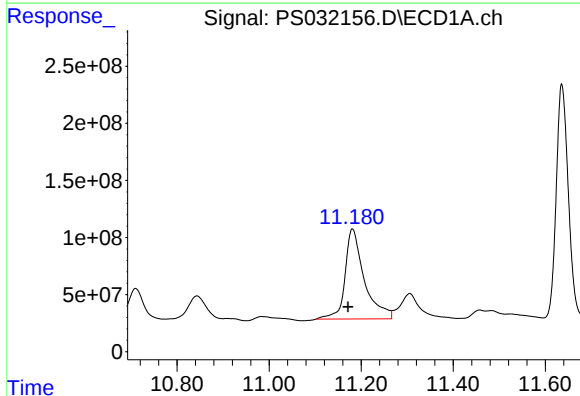
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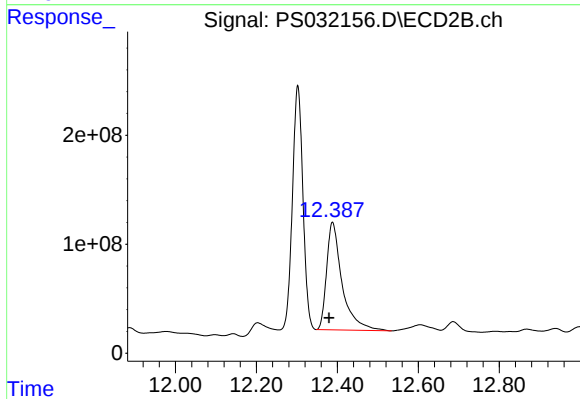
#12 2,4,5-T

R.T.: 10.326 min
Delta R.T.: 0.008 min
Response: 1214260191
Conc: 70.82 ng/ml



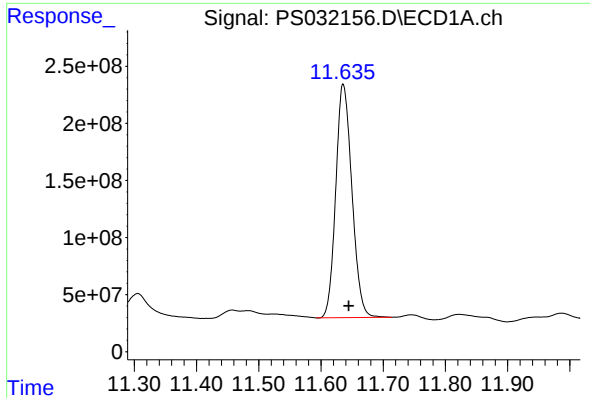
#15 Picloram

R.T.: 11.181 min
Delta R.T.: 0.009 min
Response: 2286774522
Conc: 96.99 ng/ml



#15 Picloram

R.T.: 12.389 min
Delta R.T.: 0.010 min
Response: 2624116022
Conc: 78.82 ng/ml



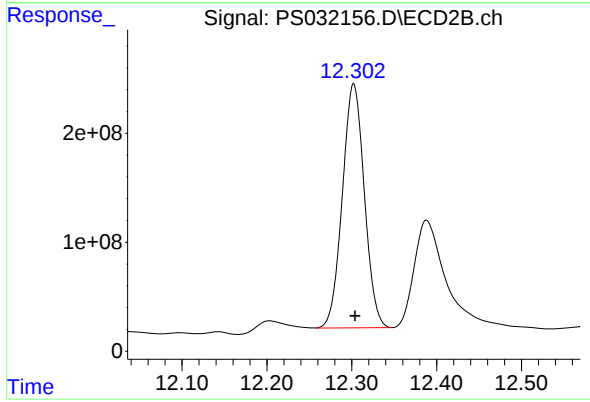
#16 DCPA

R.T.: 11.636 min
Delta R.T.: -0.009 min
Response: 3688016025
Conc: 100.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
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#16 DCPA

R.T.: 12.302 min
Delta R.T.: -0.002 min
Response: 4031294084
Conc: 121.38 ng/ml m