

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071825\
 Data File : PS031146.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2025 22:10
 Operator : AR\AJ
 Sample : Q2529-10MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-30MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/22/2025
 Supervised By : mohammad ahmed 07/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 23:23:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
 Quant Title : 8080.M
 QLast Update : Mon Jul 14 05:51:06 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	7.323	7.768	713.3E6	266.3E6	180.347	257.067 #
Target Compounds							
1) T	Dalapon	2.680	2.697	648.7E6	2317.5E6	106.489m	815.200m#
2) T	3,5-DICHL...	6.488	6.713	1194.4E6	343.6E6	228.002	221.624
5) T	DICAMBA	7.514	7.968	4249.8E6	1744.3E6	270.845	269.324
6) T	MCPD	7.692	8.065	117.1E6	29807620	12.728	13.942
7) T	MCPA	7.842	8.312	315.2E6	89941204	28.895	28.057
8) T	DICHLORPROP	8.225	8.687	950.5E6	447.4E6	279.148	294.458
9) T	2,4-D	8.457	9.026	1622.9E6	767.1E6	527.186	451.403m
10) T	Pentachlo...	8.763	9.547	4390.0E6	3004.2E6	87.342	77.959
11) T	2,4,5-TP ...	9.342	9.937	5993.2E6	11988.6E6	322.031	816.896 #
12) T	2,4,5-T	9.636	10.354	5988.2E6	3889.9E6	393.617	278.010 #
13) T	2,4-DB	10.212	10.918	190.8E6	94162078	87.873m	79.584m
15) T	Picloram	11.236	12.416	5975.9E6	5900.2E6	410.096m	251.281 #
16) T	DCPA	11.725	12.351	8931.1E6	6957.1E6	373.107	308.491

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

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Acq On : 18 Jul 2025 22:10
Operator : AR\AJ
Sample : Q2529-10MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

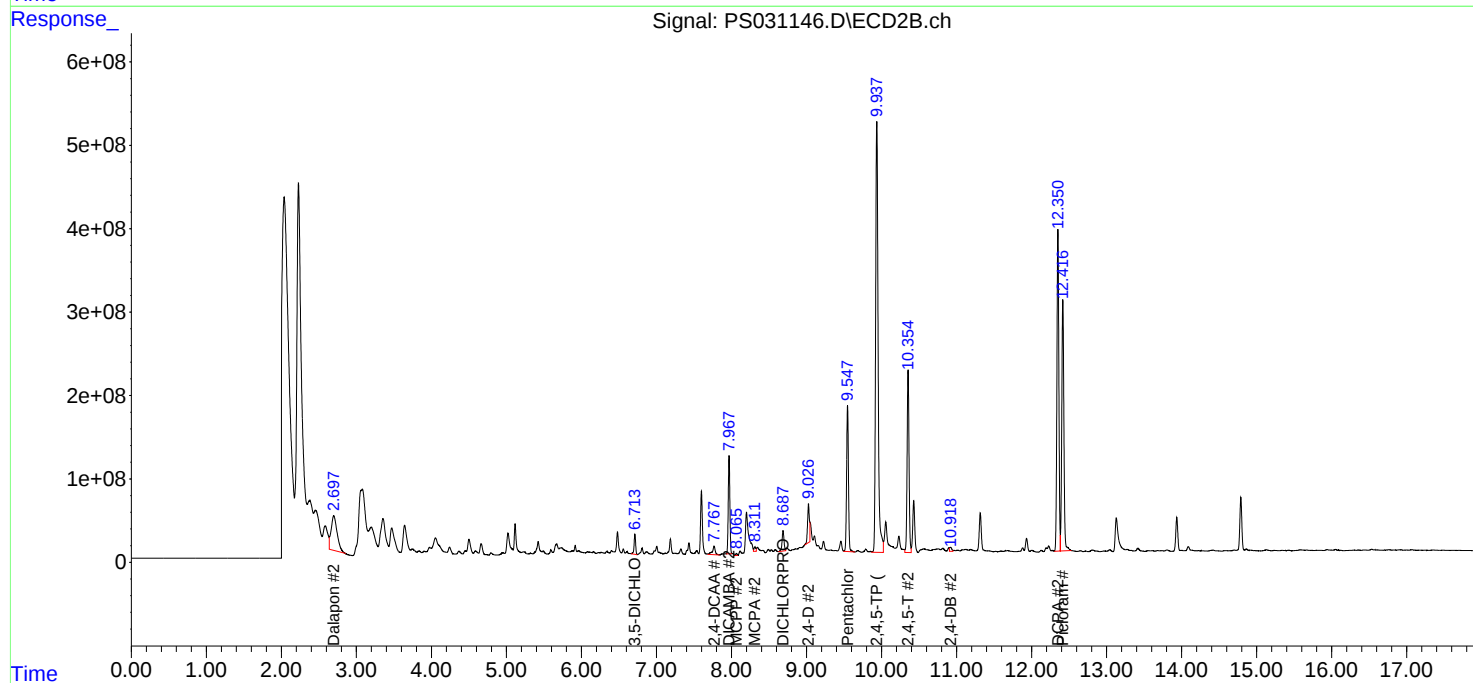
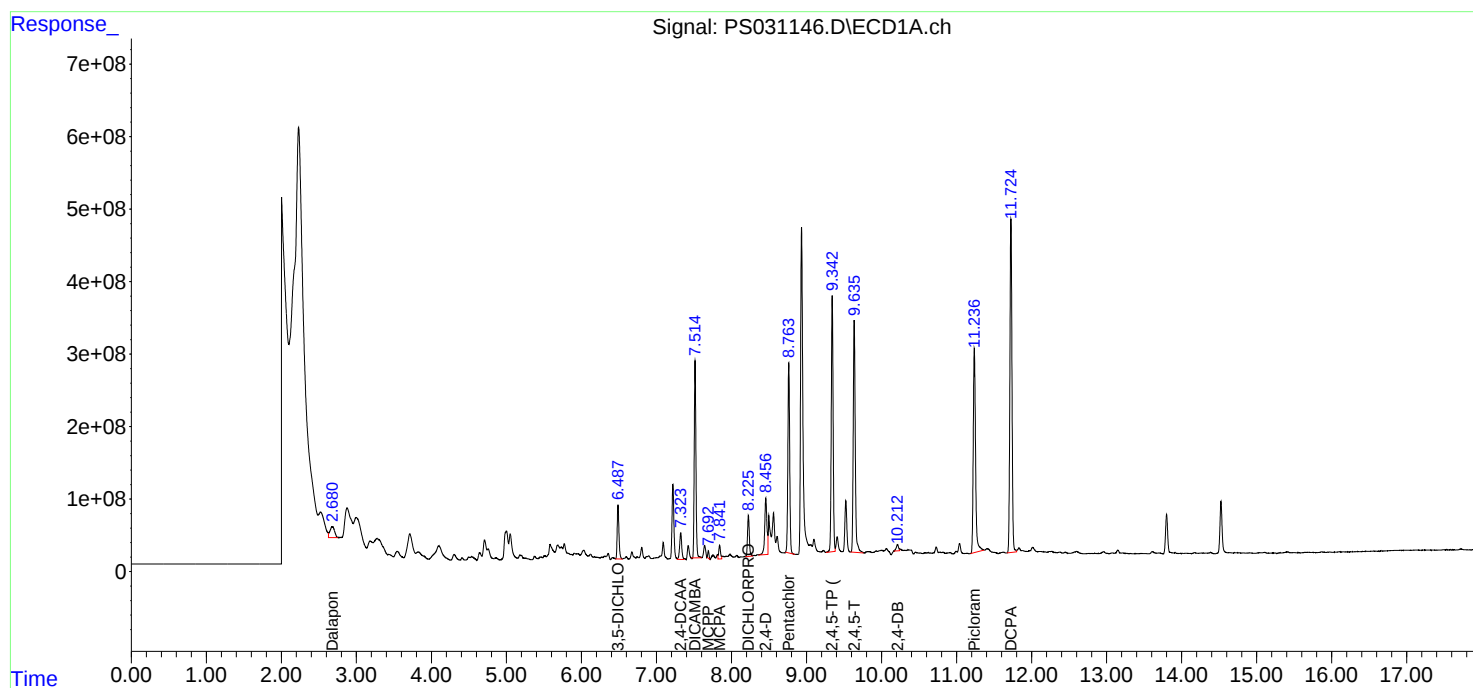
Instrument :
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ClientSampleId :
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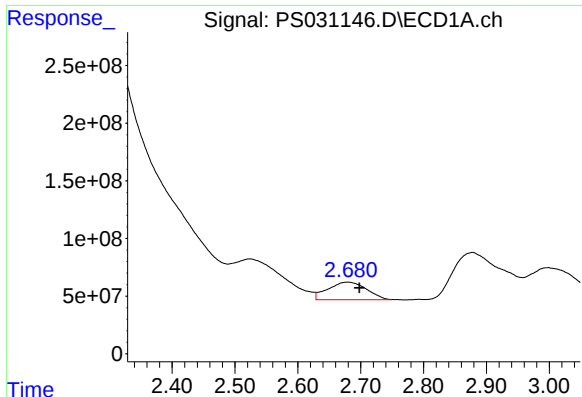
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Supervised By :mohammad ahmed 07/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 18 23:23:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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





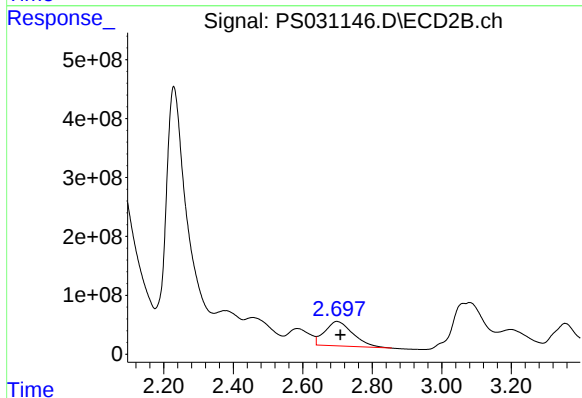
#1 Dalapon

R.T.: 2.680 min
Delta R.T.: -0.018 min
Response: 648702177
Conc: 106.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-30MSD

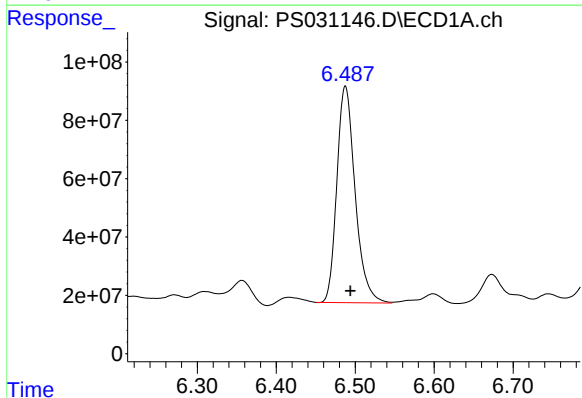
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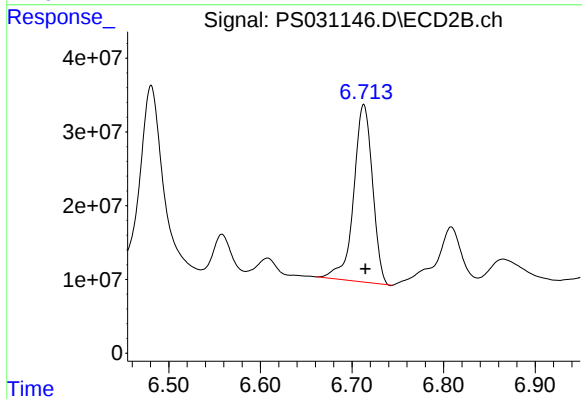
#1 Dalapon

R.T.: 2.697 min
Delta R.T.: -0.011 min
Response: 2317498977
Conc: 815.20 ng/ml m



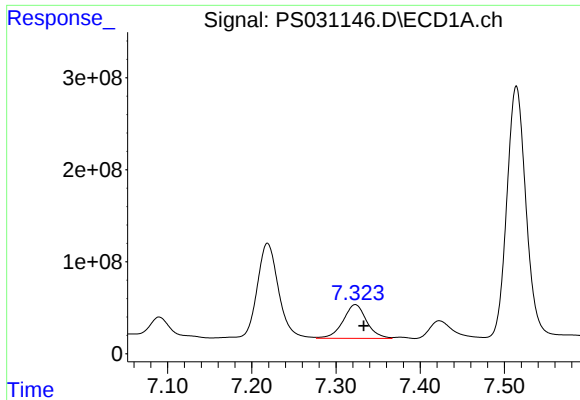
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.488 min
Delta R.T.: -0.006 min
Response: 1194409104
Conc: 228.00 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: -0.002 min
Response: 343592648
Conc: 221.62 ng/ml



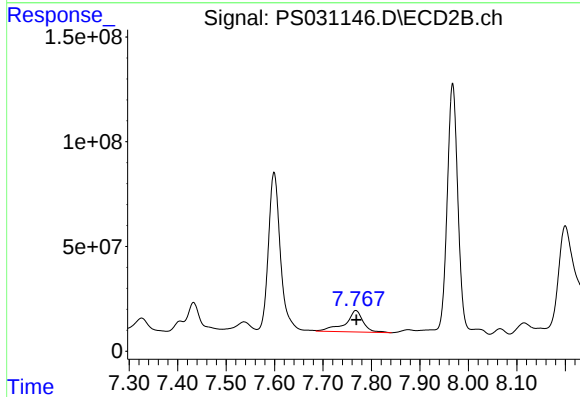
#4 2,4-DCAA

R.T.: 7.323 min
Delta R.T.: -0.010 min
Response: 713284502
Conc: 180.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-30MSD

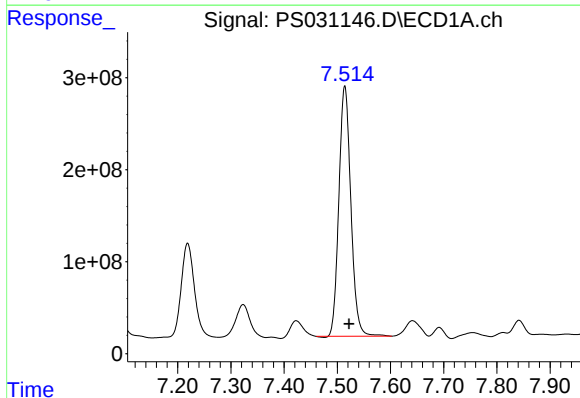
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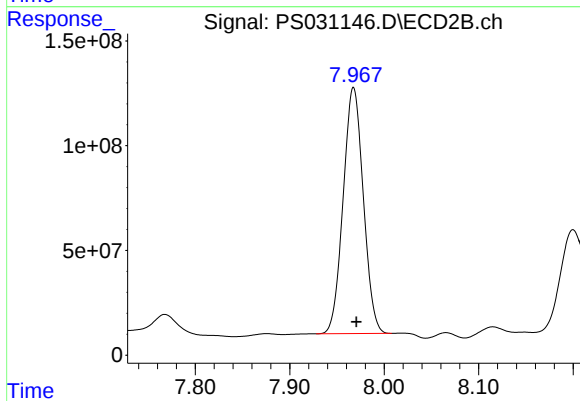
#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 266329432
Conc: 257.07 ng/ml



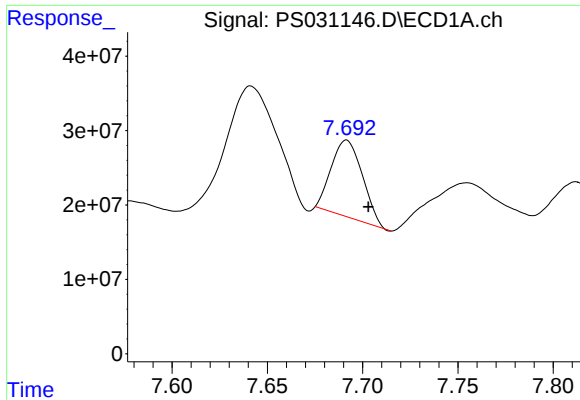
#5 DICAMBA

R.T.: 7.514 min
Delta R.T.: -0.008 min
Response: 4249805059
Conc: 270.84 ng/ml



#5 DICAMBA

R.T.: 7.968 min
Delta R.T.: -0.003 min
Response: 1744253711
Conc: 269.32 ng/ml



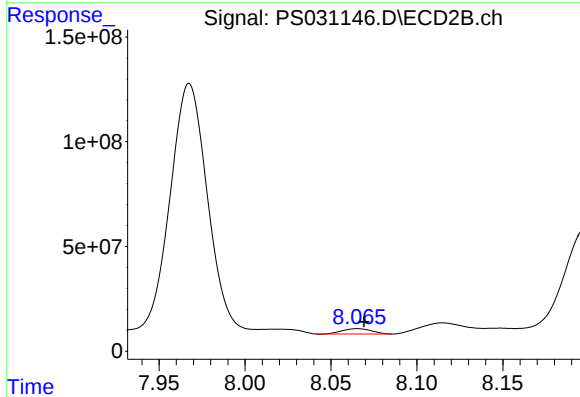
#6 MCPP

R.T.: 7.692 min
Delta R.T.: -0.011 min
Response: 117111776
Conc: 12.73 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-30MSD

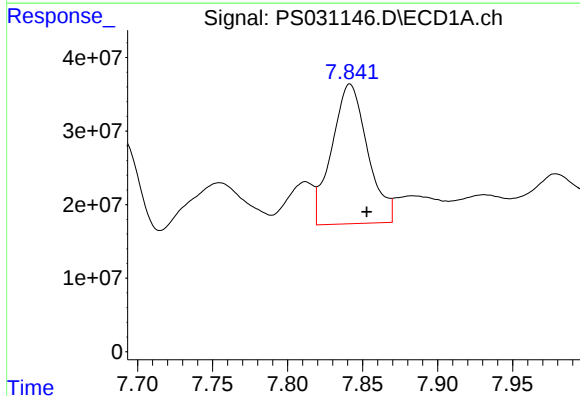
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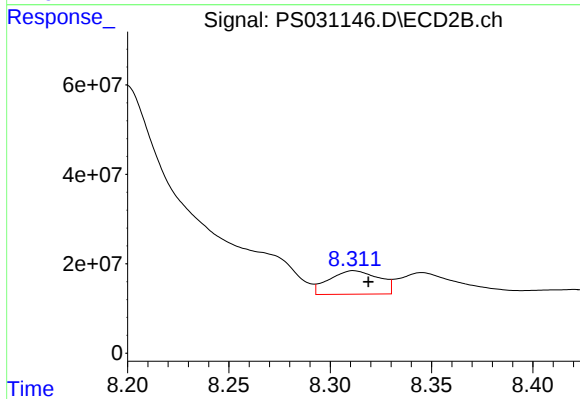
#6 MCPP

R.T.: 8.065 min
Delta R.T.: -0.004 min
Response: 29807620
Conc: 13.94 ug/ml



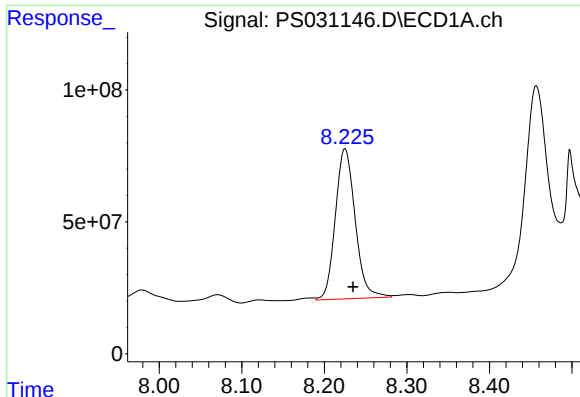
#7 MCPA

R.T.: 7.842 min
Delta R.T.: -0.011 min
Response: 315152487
Conc: 28.90 ug/ml



#7 MCPA

R.T.: 8.312 min
Delta R.T.: -0.007 min
Response: 89941204
Conc: 28.06 ug/ml



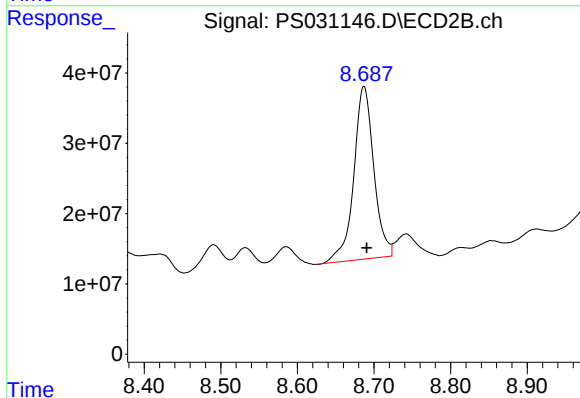
#8 DICHLORPROP

R.T.: 8.225 min
Delta R.T.: -0.010 min
Response: 950540368
Conc: 279.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-30MSD

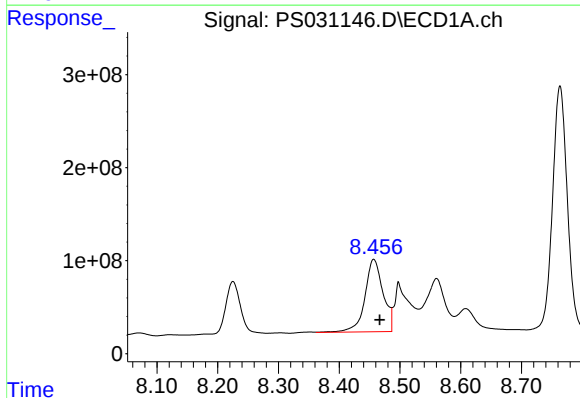
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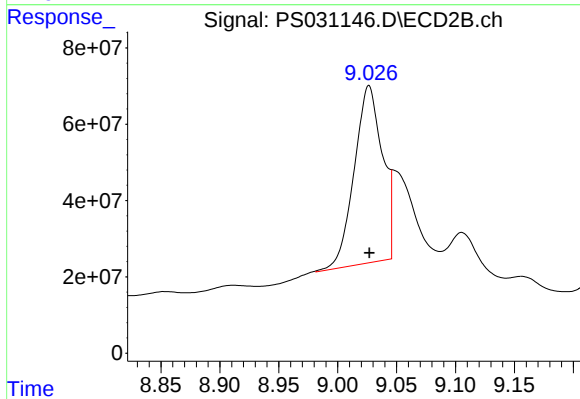
#8 DICHLORPROP

R.T.: 8.687 min
Delta R.T.: -0.004 min
Response: 447358014
Conc: 294.46 ng/ml



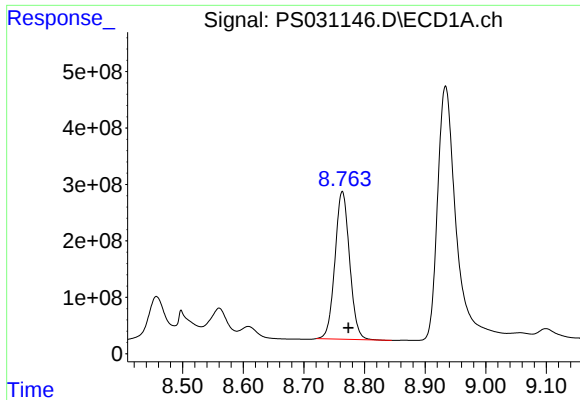
#9 2,4-D

R.T.: 8.457 min
Delta R.T.: -0.010 min
Response: 1622907149
Conc: 527.19 ng/ml



#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 767143030
Conc: 451.40 ng/ml m



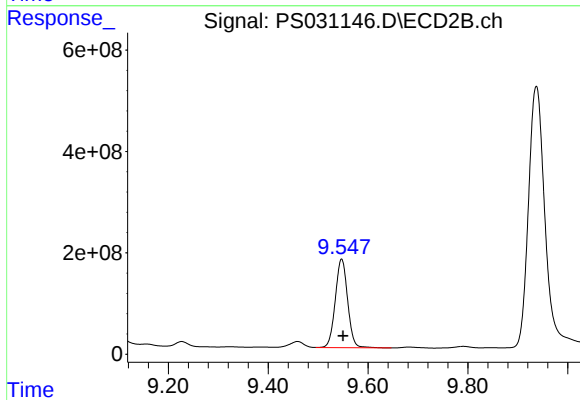
#10 Pentachlorophenol

R.T.: 8.763 min
Delta R.T.: -0.010 min
Response: 4389960813
Conc: 87.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-30MSD

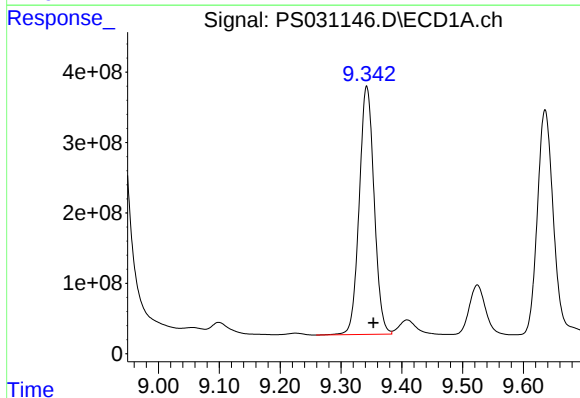
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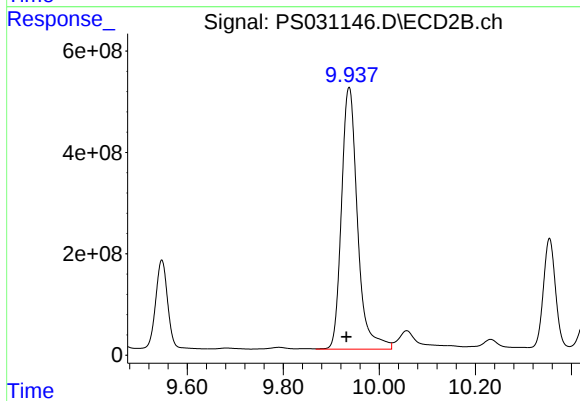
#10 Pentachlorophenol

R.T.: 9.547 min
Delta R.T.: -0.003 min
Response: 3004162615
Conc: 77.96 ng/ml



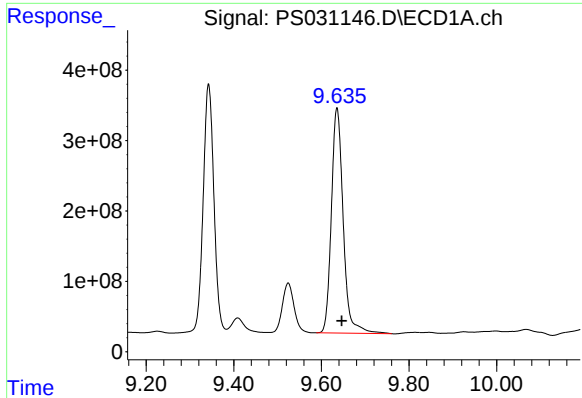
#11 2,4,5-TP (SILVEX)

R.T.: 9.342 min
Delta R.T.: -0.011 min
Response: 5993231782
Conc: 322.03 ng/ml



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

R.T.: 9.937 min
Delta R.T.: 0.005 min
Response: 11988580318
Conc: 816.90 ng/ml



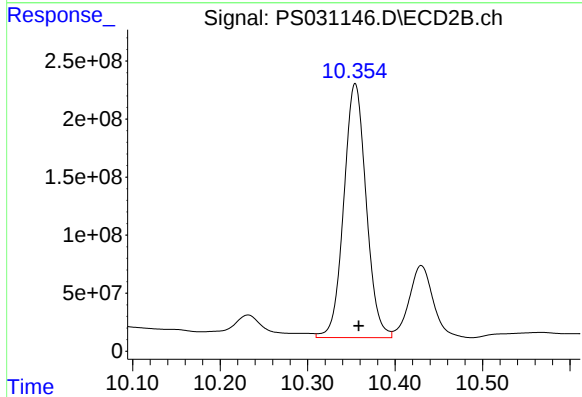
#12 2,4,5-T

R.T.: 9.636 min
Delta R.T.: -0.011 min
Response: 5988215157
Conc: 393.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-30MSD

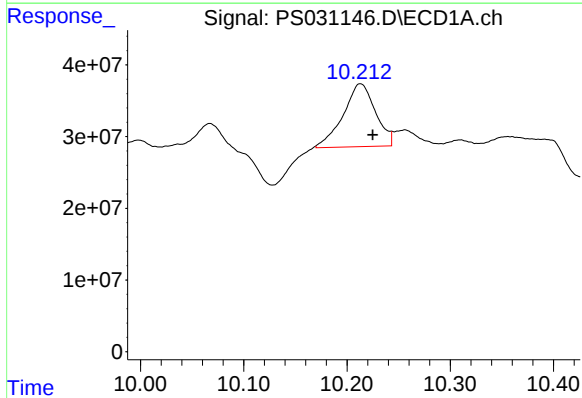
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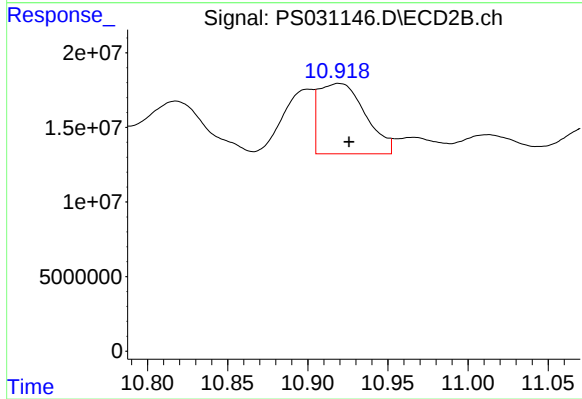
#12 2,4,5-T

R.T.: 10.354 min
Delta R.T.: -0.004 min
Response: 3889867754
Conc: 278.01 ng/ml



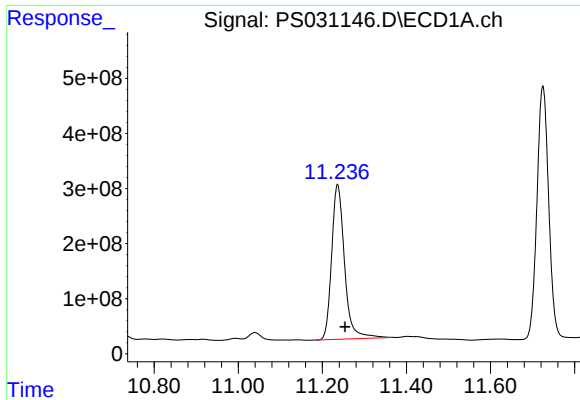
#13 2,4-DB

R.T.: 10.212 min
Delta R.T.: -0.013 min
Response: 190753736
Conc: 87.87 ng/ml m



#13 2,4-DB

R.T.: 10.918 min
Delta R.T.: -0.007 min
Response: 94162078
Conc: 79.58 ng/ml m



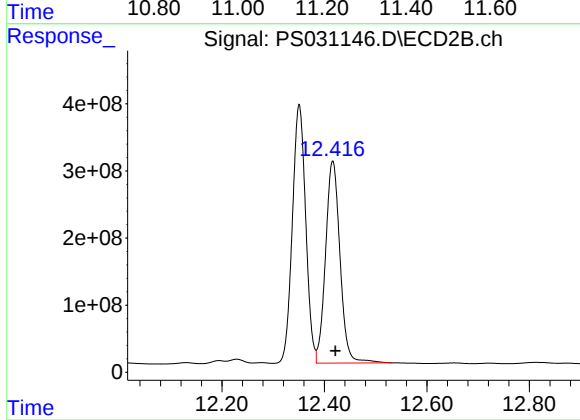
#15 Picloram

R.T.: 11.236 min
Delta R.T.: -0.018 min
Response: 5975899525
Conc: 410.10 ng/ml

Instrument :
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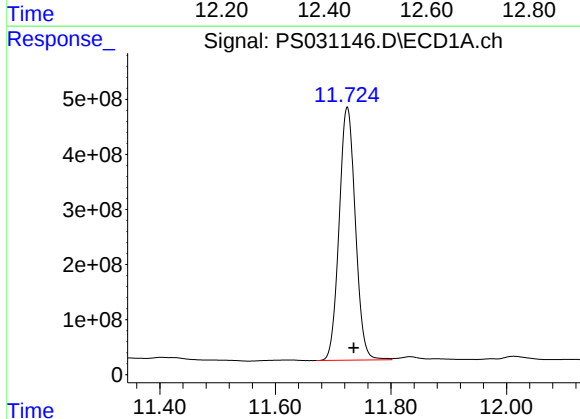
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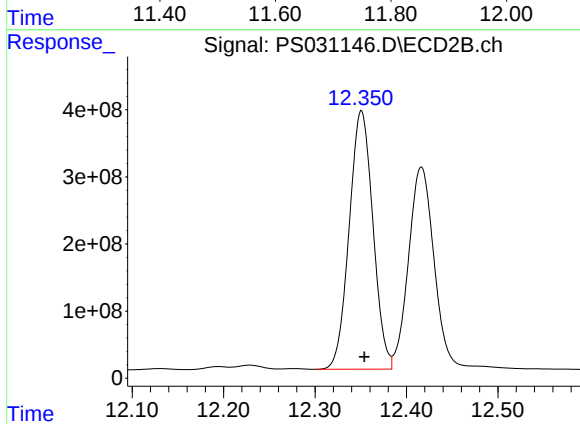
#15 Picloram

R.T.: 12.416 min
Delta R.T.: -0.005 min
Response: 5900249612
Conc: 251.28 ng/ml



#16 DCPA

R.T.: 11.725 min
Delta R.T.: -0.011 min
Response: 8931118551
Conc: 373.11 ng/ml



#16 DCPA

R.T.: 12.351 min
Delta R.T.: -0.003 min
Response: 6957075742
Conc: 308.49 ng/ml