

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072125\
 Data File : PS031167.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2025 19:04
 Operator : AR\AJ
 Sample : Q2529-10MSD
 Misc :
 ALS Vial : 11 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 22 04:37:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 03:18:42 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	7.322	7.767	633.3E6	194.3E6	145.636	191.450m#
Target Compounds							
1) T	Dalapon	2.678	2.703	691.4E6	1952.5E6	110.216m	688.277m#
2) T	3,5-DICHL...	6.487	6.713	1063.8E6	312.9E6	192.628	203.192
5) T	DICAMBA	7.513	7.968	3982.0E6	1631.4E6	241.375	252.802
6) T	MCP	7.690	8.065	133.6E6	30667136	13.345m	14.759m
7) T	MCPA	7.840	8.336	228.0E6	335.3E6	18.218m	106.271 #
8) T	DICHLORPROP	8.225	8.688	880.7E6	403.3E6	230.420	266.199
9) T	2,4-D	8.457	9.026	1522.1E6	790.7E6	407.527	465.555m
10) T	Pentachlo...	8.763	9.547	3840.3E6	2579.4E6	70.308	66.001
11) T	2,4,5-TP ...	9.342	9.938	5487.9E6	11983.5E6	249.979	804.579 #
12) T	2,4,5-T	9.636	10.355	5239.7E6	3550.2E6	268.322	249.670
13) T	2,4-DB	10.212	10.921	174.9E6	59857282	58.505m	51.138m
15) T	Picloram	11.236	12.417	5420.2E6	5698.5E6	270.922	228.900
16) T	DCPA	11.723	12.352	8567.4E6	6733.0E6	298.582	292.280

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

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Operator : AR\AJ
Sample : Q2529-10MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

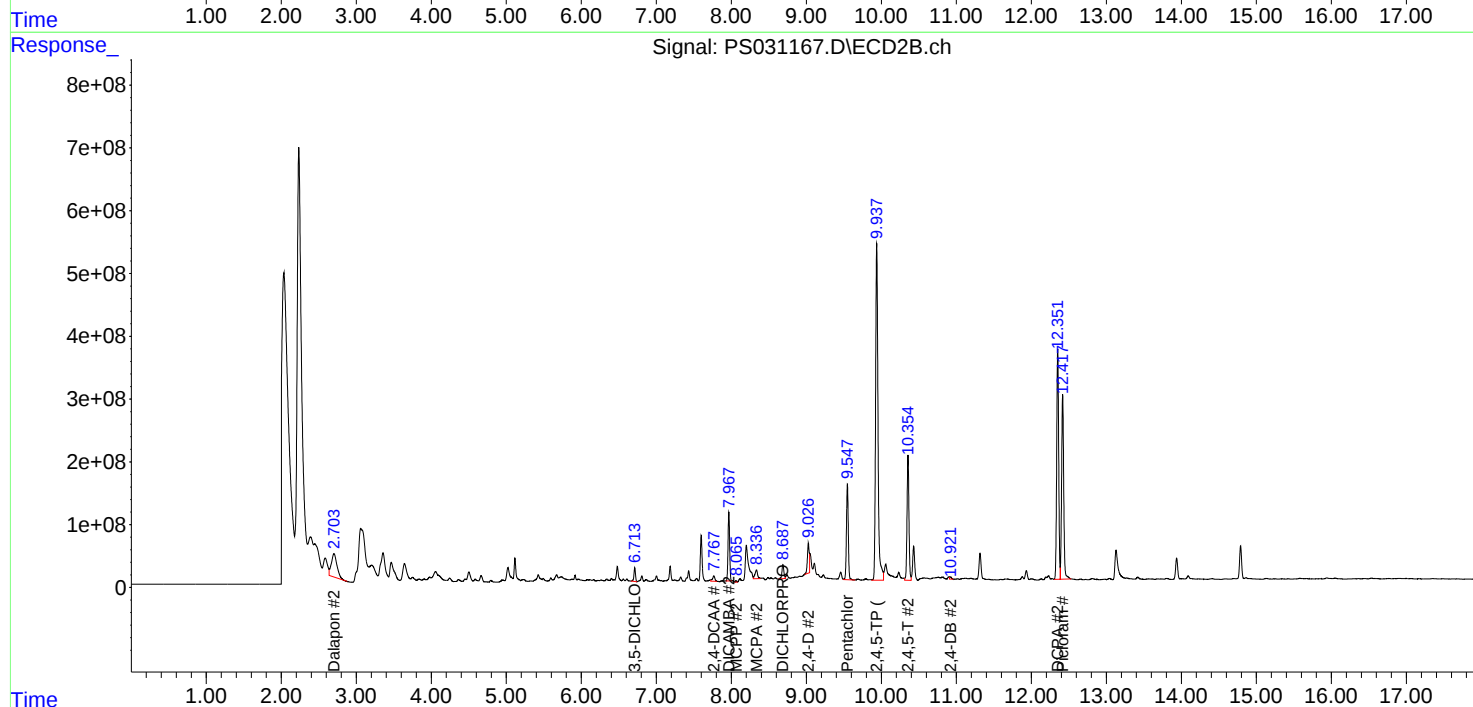
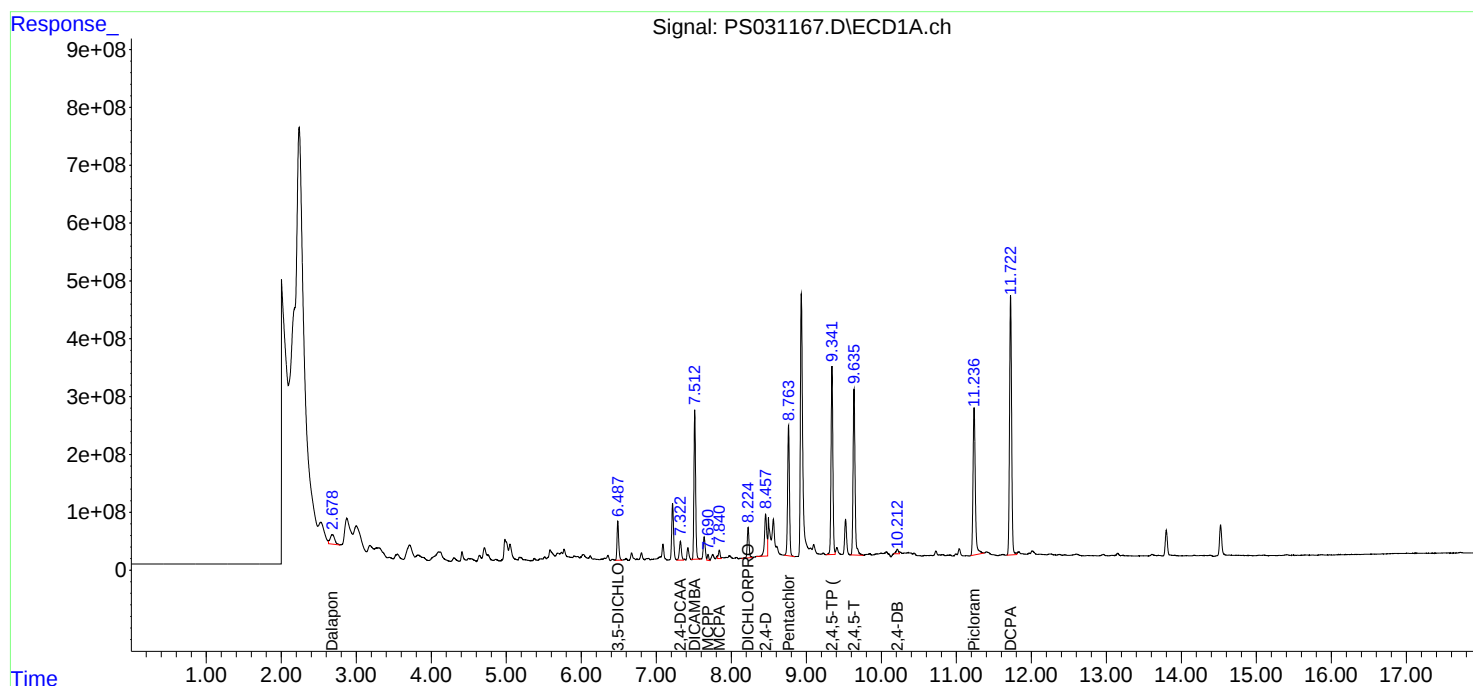
Instrument :
ECD_S
ClientSampleId :
TP-30MSD

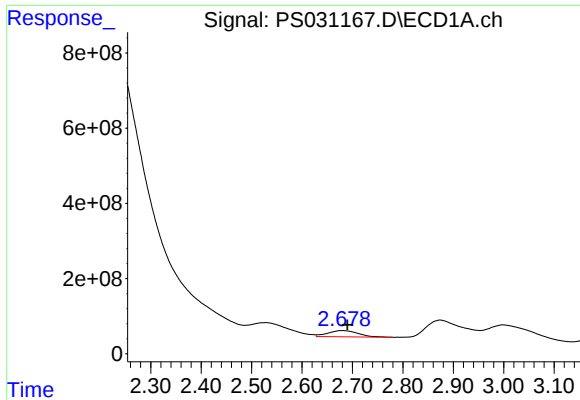
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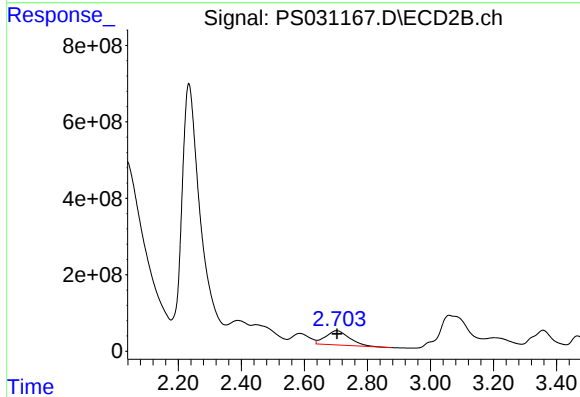
#1 Dalapon

R.T.: 2.678 min
Delta R.T.: -0.012 min
Response: 691375072
Conc: 110.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-30MSD

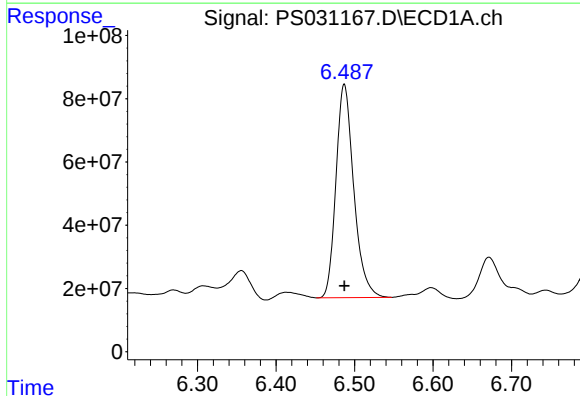
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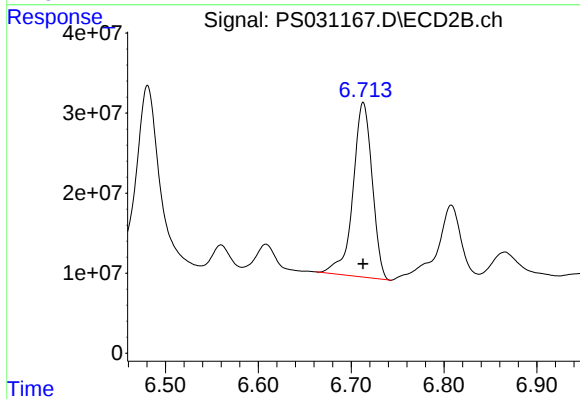
#1 Dalapon

R.T.: 2.703 min
Delta R.T.: 0.000 min
Response: 1952462766
Conc: 688.28 ng/ml m



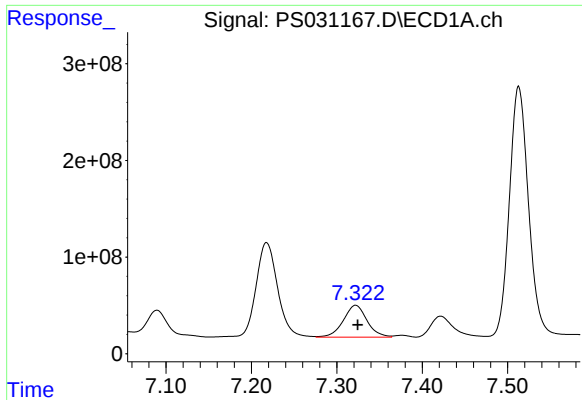
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 1063834590
Conc: 192.63 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 312894244
Conc: 203.19 ng/ml



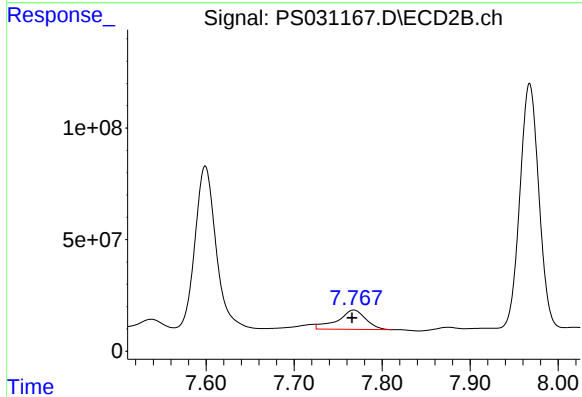
#4 2,4-DCAA

R.T.: 7.322 min
Delta R.T.: -0.002 min
Response: 633262698
Conc: 145.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-30MSD

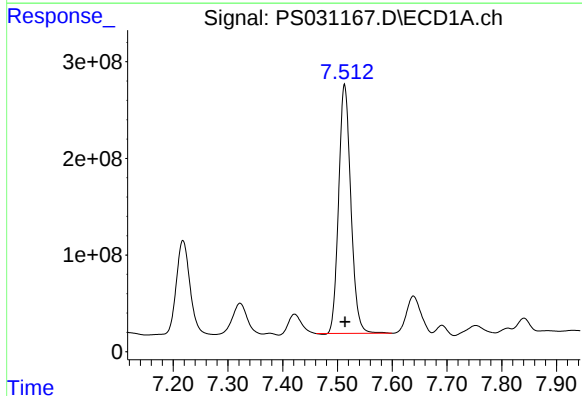
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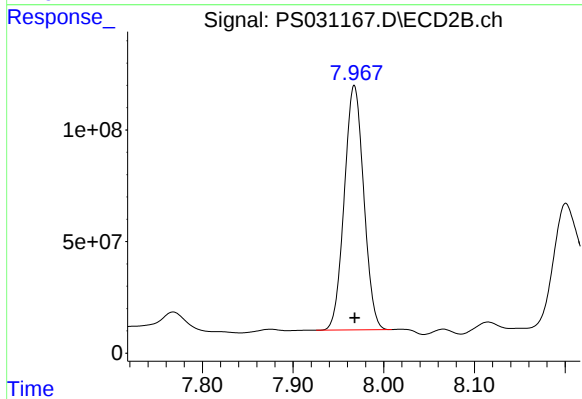
#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: 0.001 min
Response: 194315791
Conc: 191.45 ng/ml m



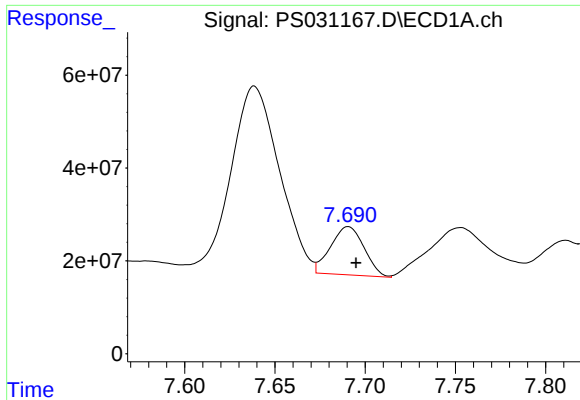
#5 DICAMBA

R.T.: 7.513 min
Delta R.T.: 0.000 min
Response: 3981955461
Conc: 241.38 ng/ml



#5 DICAMBA

R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 1631428125
Conc: 252.80 ng/ml



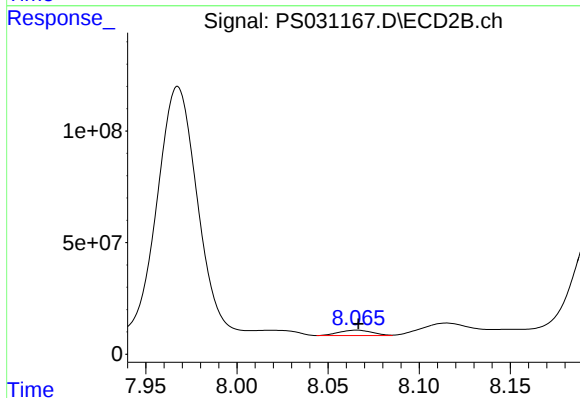
#6 MCPP

R.T.: 7.690 min
Delta R.T.: -0.005 min
Response: 133580496
Conc: 13.34 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-30MSD

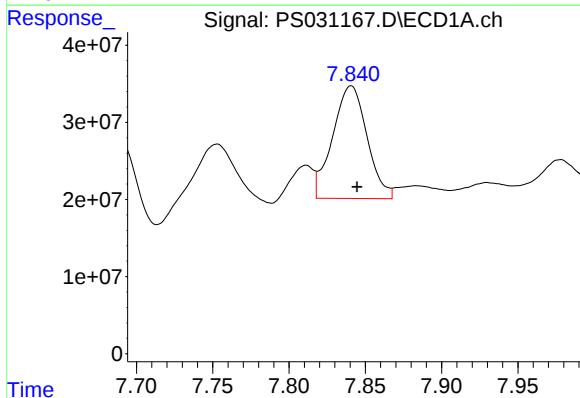
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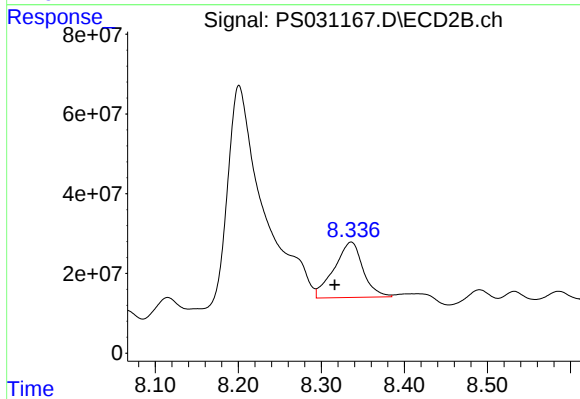
#6 MCPP

R.T.: 8.065 min
Delta R.T.: -0.002 min
Response: 30667136
Conc: 14.76 ug/ml m



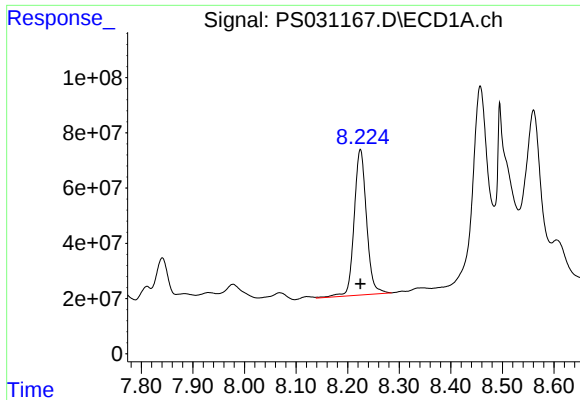
#7 MCPA

R.T.: 7.840 min
Delta R.T.: -0.004 min
Response: 227988639
Conc: 18.22 ug/ml m



#7 MCPA

R.T.: 8.336 min
Delta R.T.: 0.019 min
Response: 335307850
Conc: 106.27 ug/ml



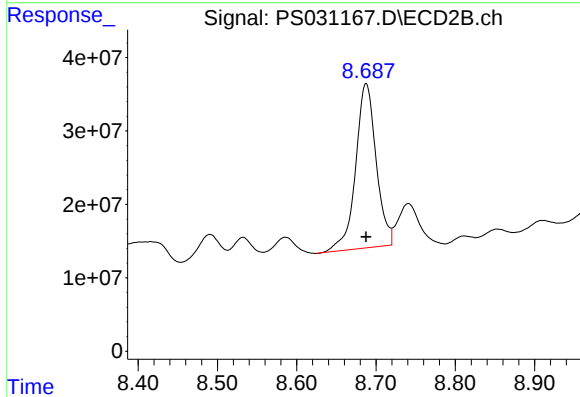
#8 DICHLORPROP

R.T.: 8.225 min
Delta R.T.: 0.000 min
Response: 880656847
Conc: 230.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-30MSD

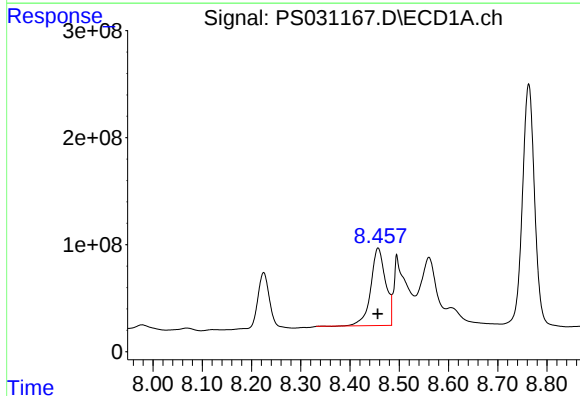
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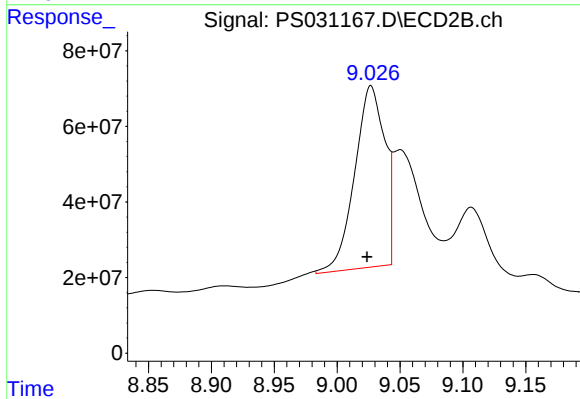
#8 DICHLORPROP

R.T.: 8.688 min
Delta R.T.: 0.000 min
Response: 403253874
Conc: 266.20 ng/ml



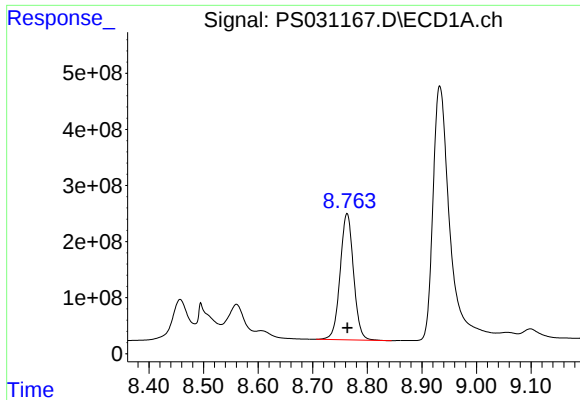
#9 2,4-D

R.T.: 8.457 min
Delta R.T.: 0.000 min
Response: 1522079923
Conc: 407.53 ng/ml



#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.003 min
Response: 790661723
Conc: 465.56 ng/ml m



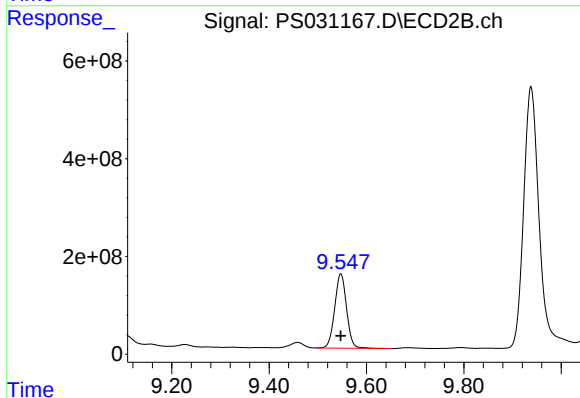
#10 Pentachlorophenol

R.T.: 8.763 min
Delta R.T.: 0.000 min
Response: 3840342125
Conc: 70.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-30MSD

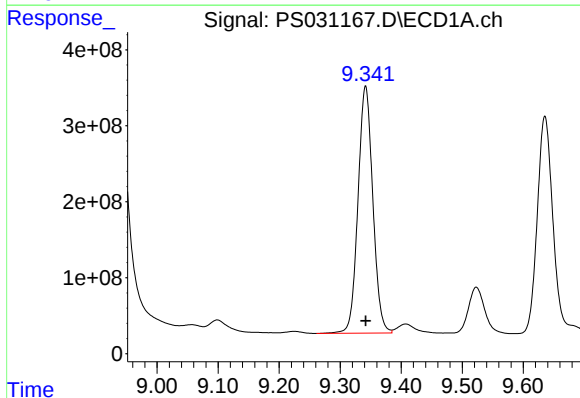
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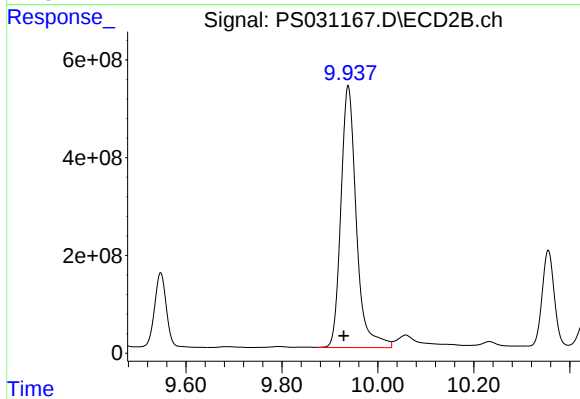
#10 Pentachlorophenol

R.T.: 9.547 min
Delta R.T.: 0.000 min
Response: 2579389291
Conc: 66.00 ng/ml



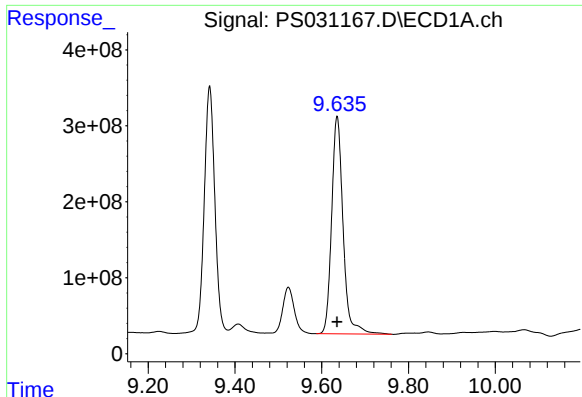
#11 2,4,5-TP (SILVEX)

R.T.: 9.342 min
Delta R.T.: 0.000 min
Response: 5487923044
Conc: 249.98 ng/ml



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

R.T.: 9.938 min
Delta R.T.: 0.009 min
Response: 11983539320
Conc: 804.58 ng/ml



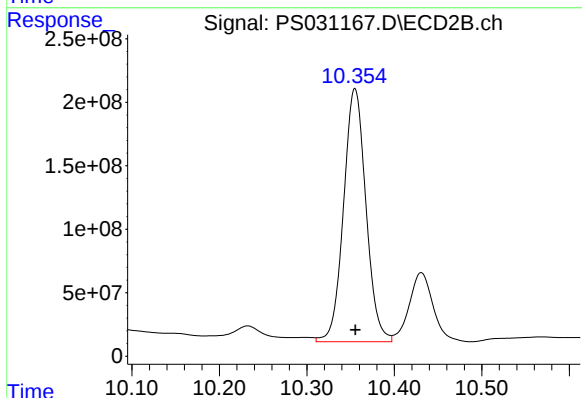
#12 2,4,5-T

R.T.: 9.636 min
Delta R.T.: 0.000 min
Response: 5239741702
Conc: 268.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-30MSD

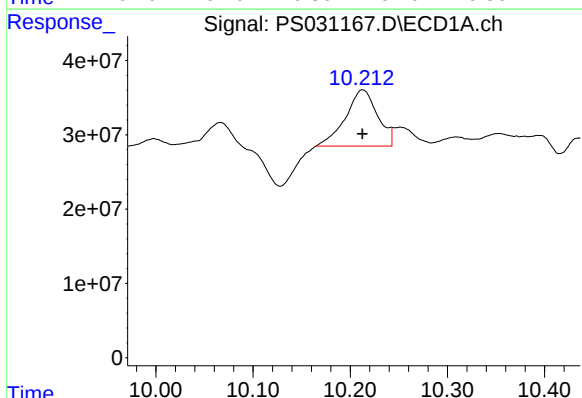
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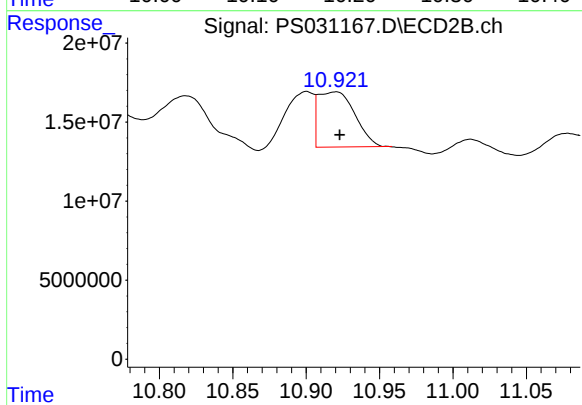
#12 2,4,5-T

R.T.: 10.355 min
Delta R.T.: 0.000 min
Response: 3550172969
Conc: 249.67 ng/ml



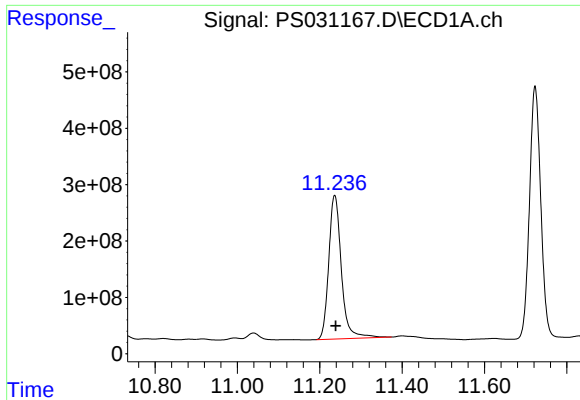
#13 2,4-DB

R.T.: 10.212 min
Delta R.T.: 0.000 min
Response: 174923666
Conc: 58.51 ng/ml m



#13 2,4-DB

R.T.: 10.921 min
Delta R.T.: -0.002 min
Response: 59857282
Conc: 51.14 ng/ml m



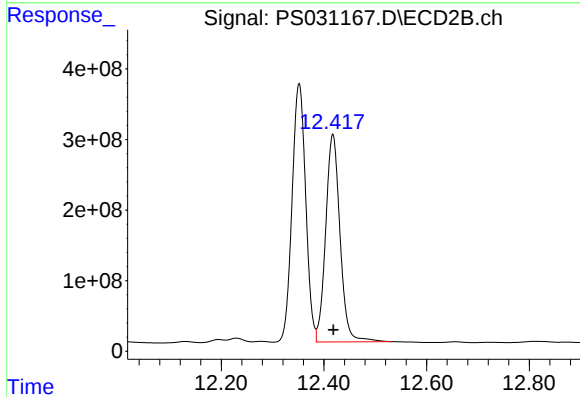
#15 Picloram

R.T.: 11.236 min
Delta R.T.: -0.002 min
Response: 5420223822
Conc: 270.92 ng/ml

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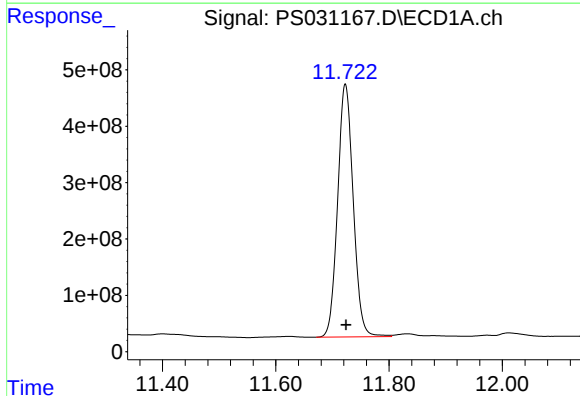
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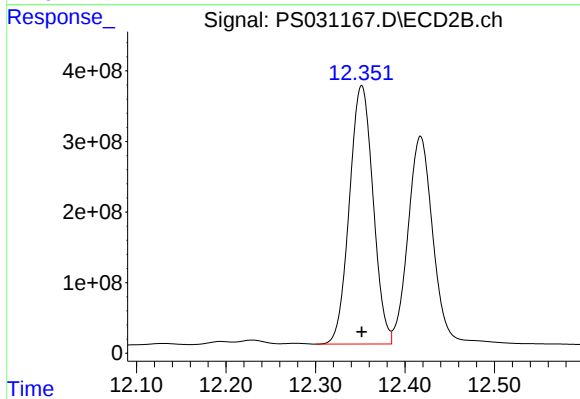
#15 Picloram

R.T.: 12.417 min
Delta R.T.: -0.001 min
Response: 5698463604
Conc: 228.90 ng/ml



#16 DCPA

R.T.: 11.723 min
Delta R.T.: -0.002 min
Response: 8567361097
Conc: 298.58 ng/ml



#16 DCPA

R.T.: 12.352 min
Delta R.T.: 0.000 min
Response: 6732962383
Conc: 292.28 ng/ml