

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072925\
 Data File : PS031289.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2025 22:08
 Operator : AR\AJ
 Sample : Q2668-09MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/30/2025
 Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 02:08:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 18:38:25 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	7.314	7.764	1013.9E6	294.0E6	348.024	352.098
Target Compounds							
1) T	Dalapon	2.685	2.701	1857.9E6	1637.6E6	385.102m	666.713 #
2) T	3,5-DICHL...	6.476	6.712	1333.2E6	396.1E6	312.733	306.510
3) T	4-Nitroph...	7.115	7.304	313.3E6	355.2E6	307.660m	275.176
5) T	DICAMBA	7.500	7.964	4039.9E6	1626.2E6	312.672	299.997
6) T	MCPD	7.679	8.062	208.1E6	51562399	25.873	30.164
7) T	MCPA	7.829	8.307	269.5E6	69411430	27.569	26.759
8) T	DICHLORPROP	8.211	8.684	1070.4E6	511.8E6	352.119	393.641
9) T	2,4-D	8.444	9.023	985.7E6	529.7E6	380.077	379.575
10) T	Pentachlo...	8.742	9.536	13878.0E6	9606.5E6	305.153	286.793
11) T	2,4,5-TP ...	9.325	9.922	5188.9E6	3995.8E6	311.436	314.564
12) T	2,4,5-T	9.618	10.353	3992.7E6	3413.3E6	300.185	292.622
13) T	2,4-DB	10.198	10.922	450.2E6	295.3E6	257.652m	305.767
15) T	Picloram	11.224	12.420	3367.2E6	4727.8E6	287.557	276.561
16) T	DCPA	11.701	12.344	5704.0E6	5816.9E6	275.077	311.870

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

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Data File : PS031289.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 22:08
Operator : AR\AJ
Sample : Q2668-09MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

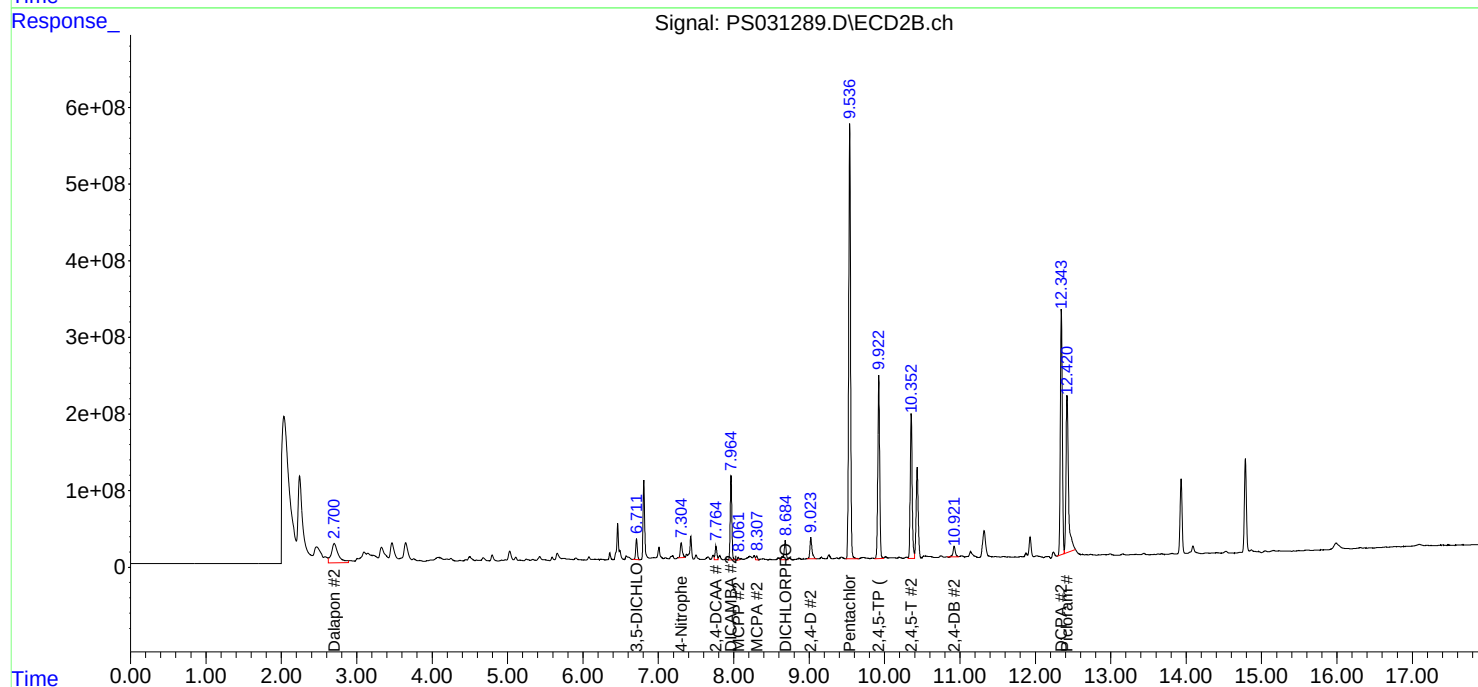
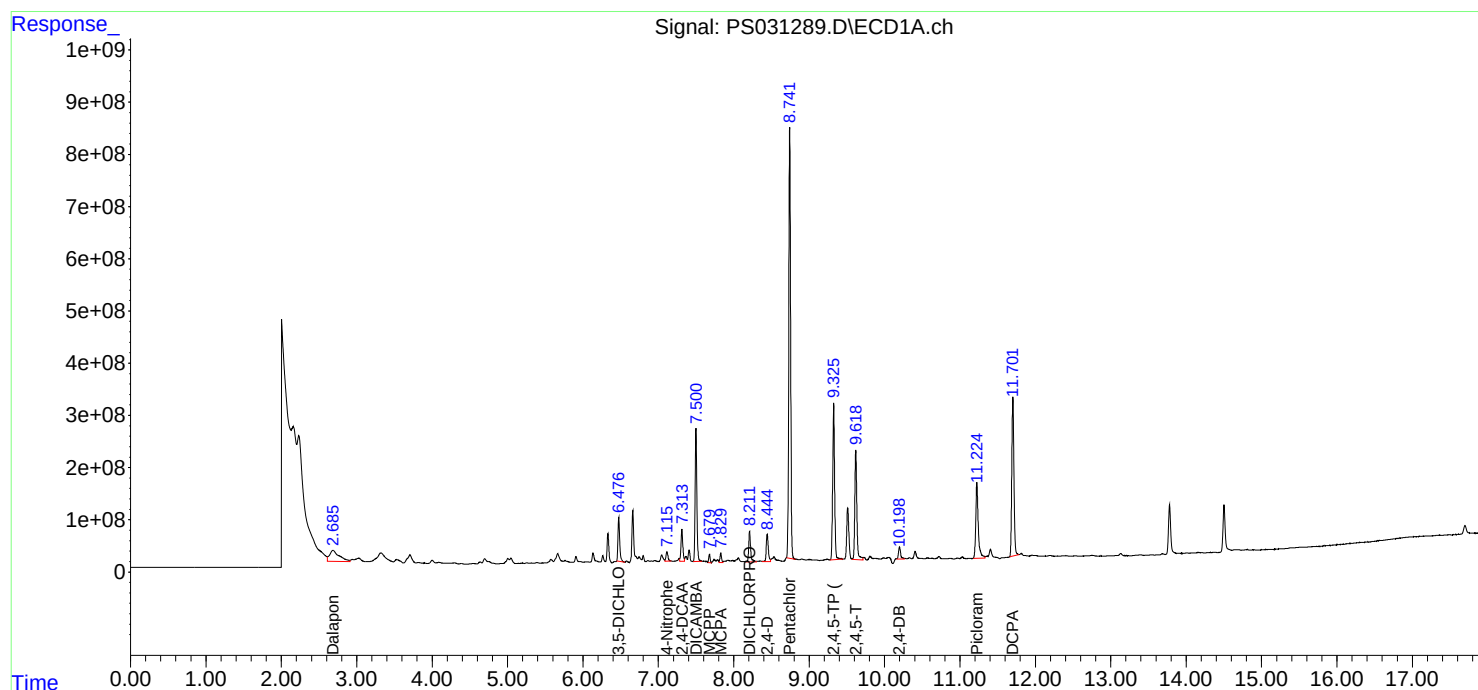
Instrument :
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ClientSampleId :
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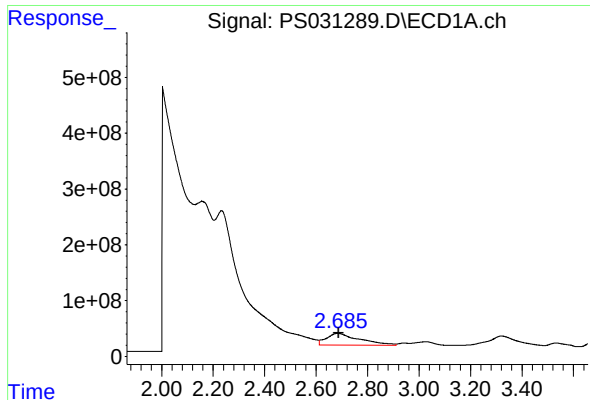
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 02:08:28 2025
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





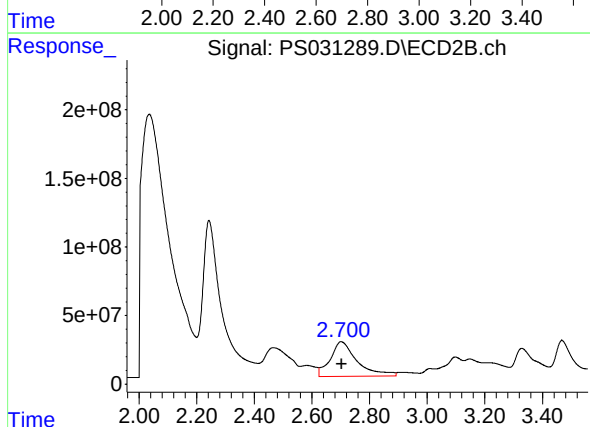
#1 Dalapon

R.T.: 2.685 min
Delta R.T.: -0.002 min
Response: 1857947797
Conc: 385.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MSD

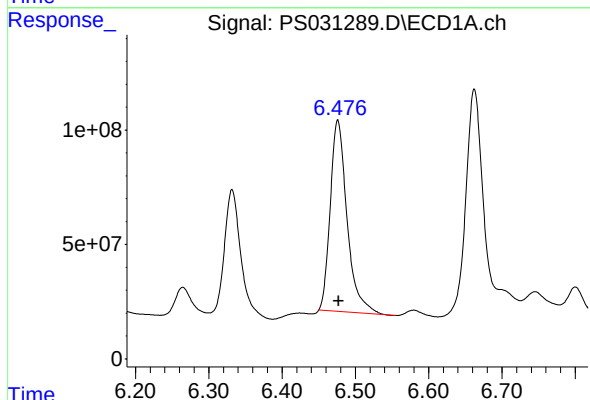
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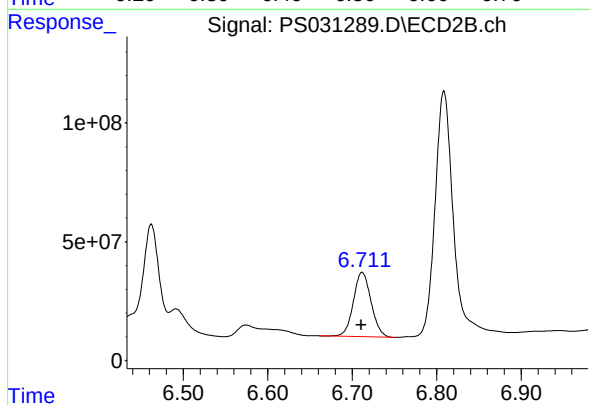
#1 Dalapon

R.T.: 2.701 min
Delta R.T.: -0.002 min
Response: 1637571048
Conc: 666.71 ng/ml



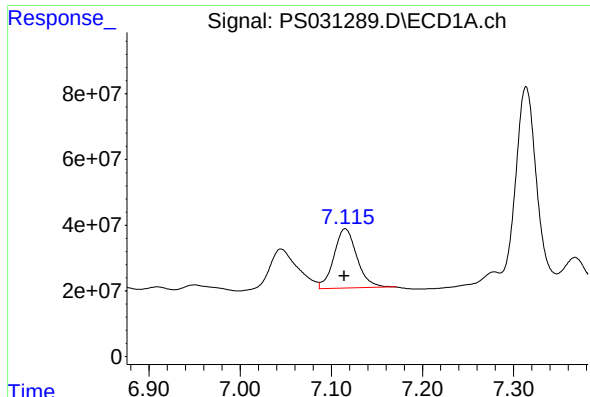
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.476 min
Delta R.T.: 0.000 min
Response: 1333160448
Conc: 312.73 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.712 min
Delta R.T.: 0.001 min
Response: 396093869
Conc: 306.51 ng/ml



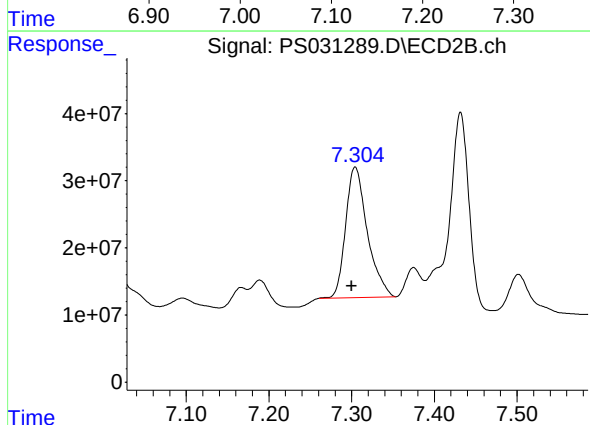
#3 4-Nitrophenol

R.T.: 7.115 min
Delta R.T.: 0.000 min
Response: 313260046
Conc: 307.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MSD

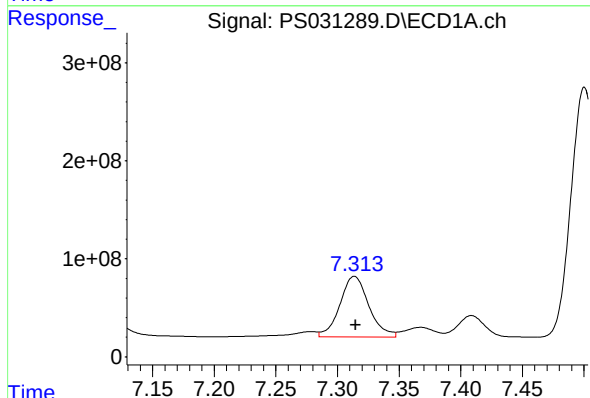
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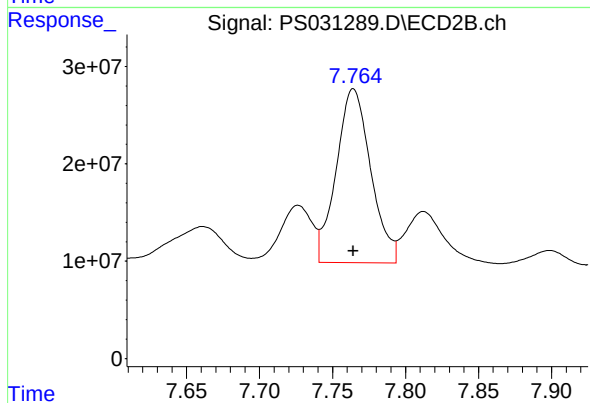
#3 4-Nitrophenol

R.T.: 7.304 min
Delta R.T.: 0.004 min
Response: 355228141
Conc: 275.18 ng/ml



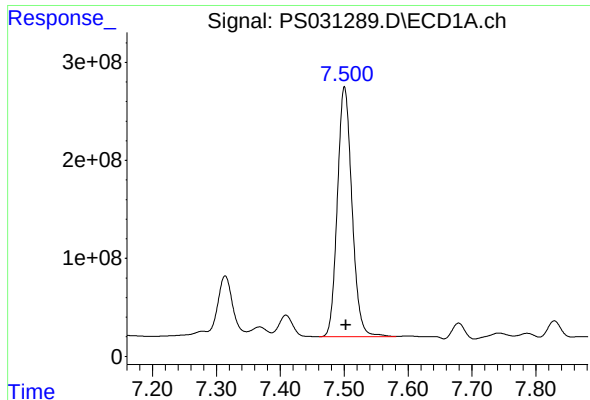
#4 2,4-DCAA

R.T.: 7.314 min
Delta R.T.: 0.000 min
Response: 1013934753
Conc: 348.02 ng/ml



#4 2,4-DCAA

R.T.: 7.764 min
Delta R.T.: 0.000 min
Response: 294030155
Conc: 352.10 ng/ml



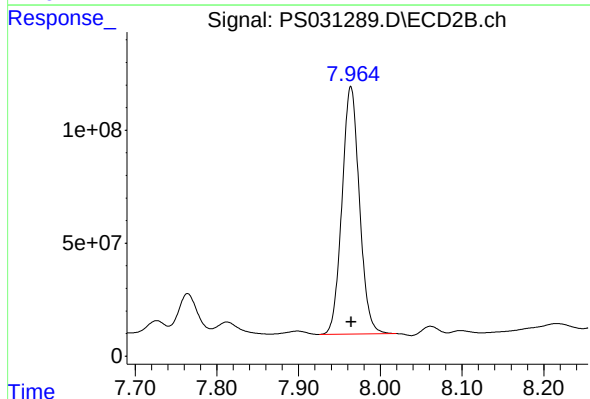
#5 DICAMBA

R.T.: 7.500 min
Delta R.T.: -0.002 min
Response: 4039904356
Conc: 312.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MSD

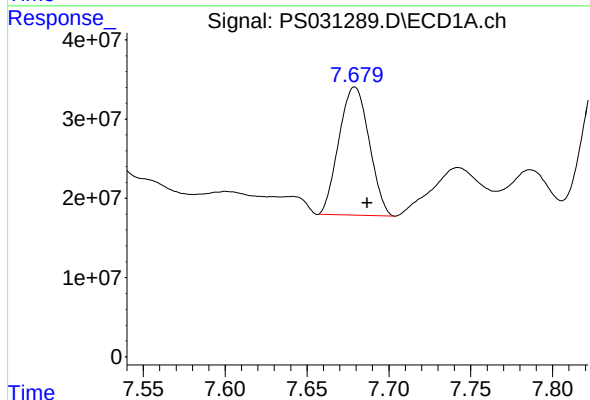
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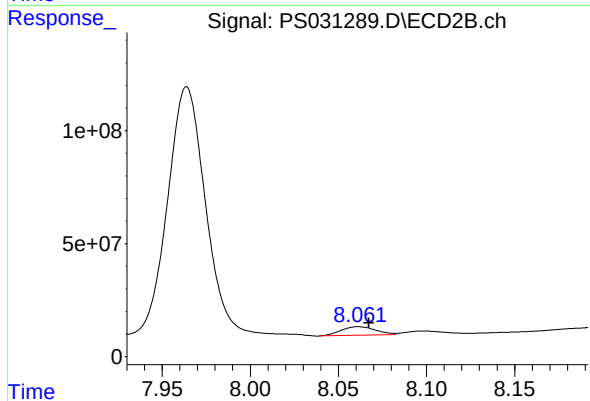
#5 DICAMBA

R.T.: 7.964 min
Delta R.T.: 0.000 min
Response: 1626235845
Conc: 300.00 ng/ml



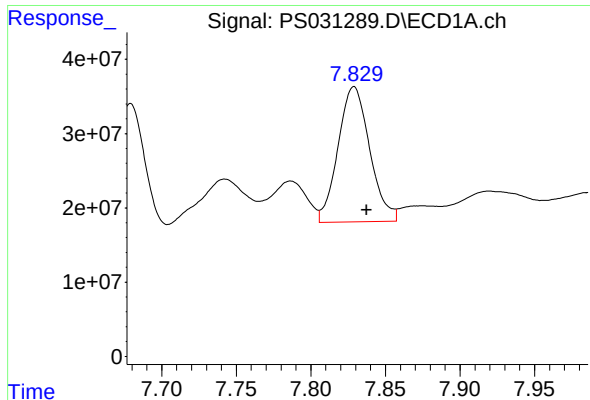
#6 MCPP

R.T.: 7.679 min
Delta R.T.: -0.008 min
Response: 208087533
Conc: 25.87 ug/ml



#6 MCPP

R.T.: 8.062 min
Delta R.T.: -0.006 min
Response: 51562399
Conc: 30.16 ug/ml



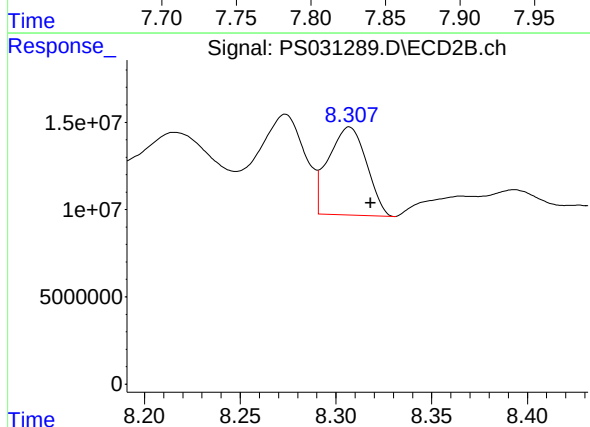
#7 MCPA

R.T.: 7.829 min
Delta R.T.: -0.009 min
Response: 269515938
Conc: 27.57 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MSD

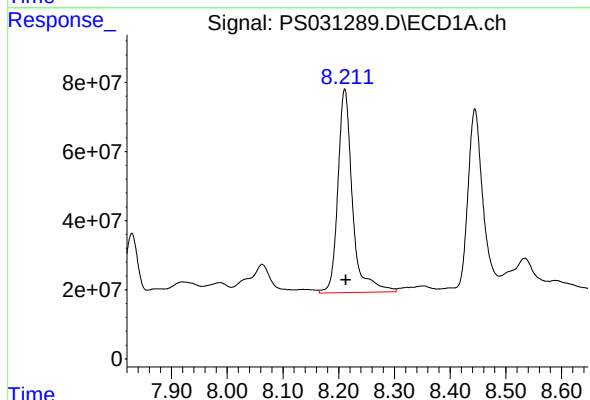
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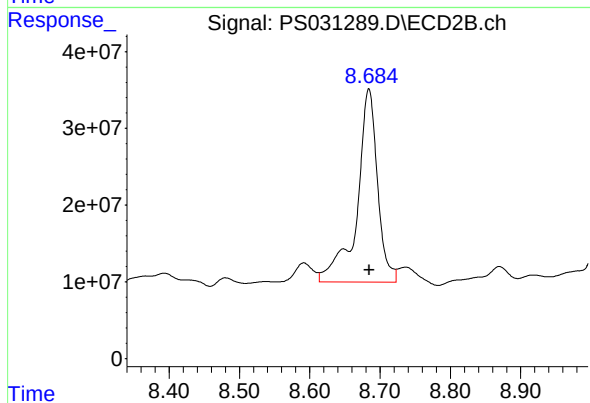
#7 MCPA

R.T.: 8.307 min
Delta R.T.: -0.011 min
Response: 69411430
Conc: 26.76 ug/ml



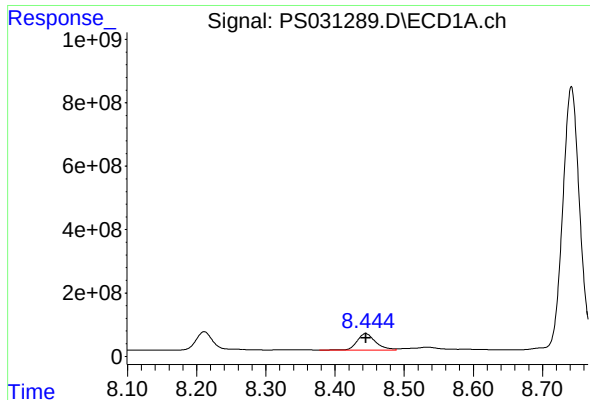
#8 DICHLORPROP

R.T.: 8.211 min
Delta R.T.: -0.002 min
Response: 1070445043
Conc: 352.12 ng/ml



#8 DICHLORPROP

R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 511756513
Conc: 393.64 ng/ml



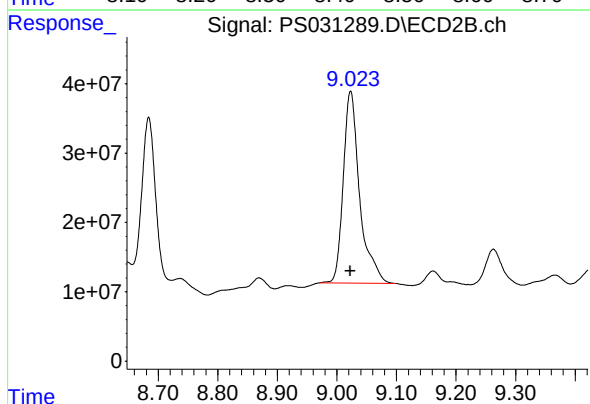
#9 2,4-D

R.T.: 8.444 min
Delta R.T.: 0.000 min
Response: 985667911
Conc: 380.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MSD

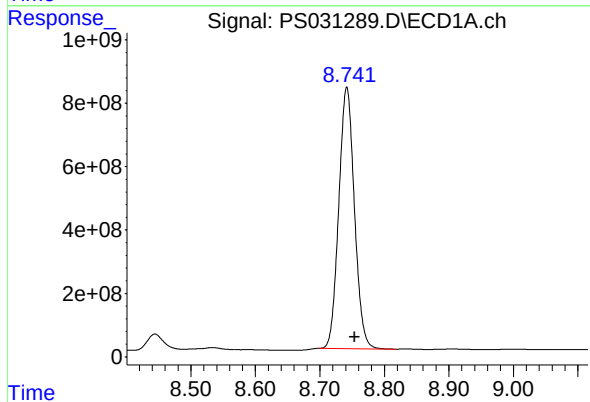
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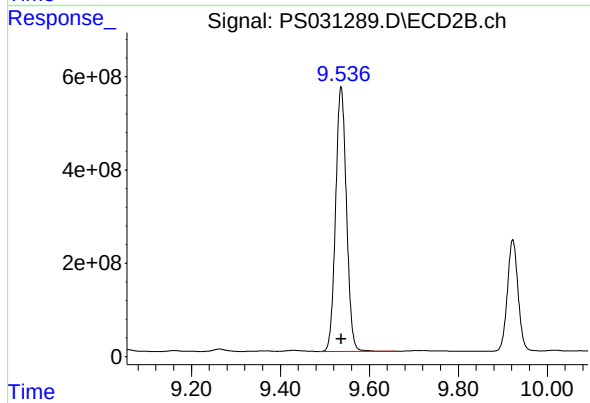
#9 2,4-D

R.T.: 9.023 min
Delta R.T.: 0.000 min
Response: 529708929
Conc: 379.58 ng/ml



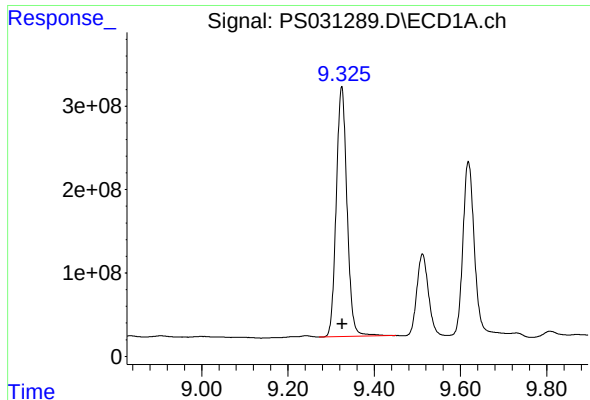
#10 Pentachlorophenol

R.T.: 8.742 min
Delta R.T.: -0.012 min
Response: 13877979445
Conc: 305.15 ng/ml



#10 Pentachlorophenol

R.T.: 9.536 min
Delta R.T.: 0.000 min
Response: 9606532512
Conc: 286.79 ng/ml



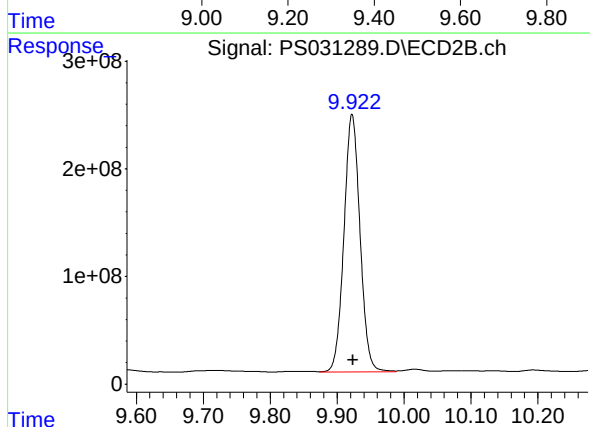
#11 2,4,5-TP (SILVEX)

R.T.: 9.325 min
Delta R.T.: -0.002 min
Response: 5188908950
Conc: 311.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MSD

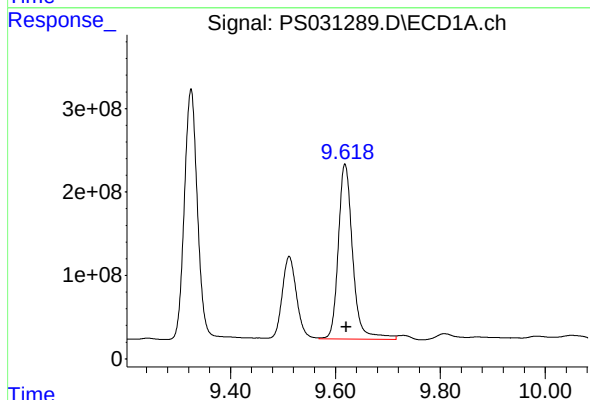
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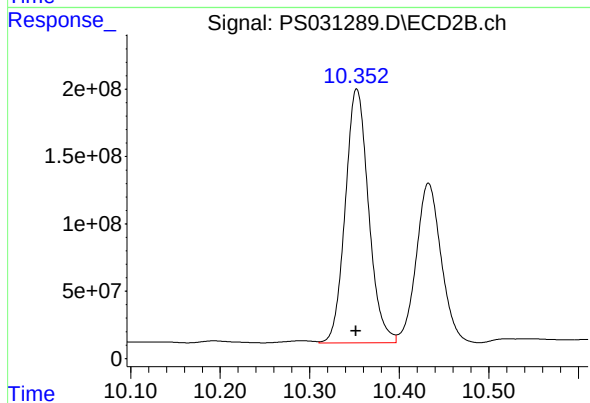
#11 2,4,5-TP (SILVEX)

R.T.: 9.922 min
Delta R.T.: -0.001 min
Response: 3995841698
Conc: 314.56 ng/ml



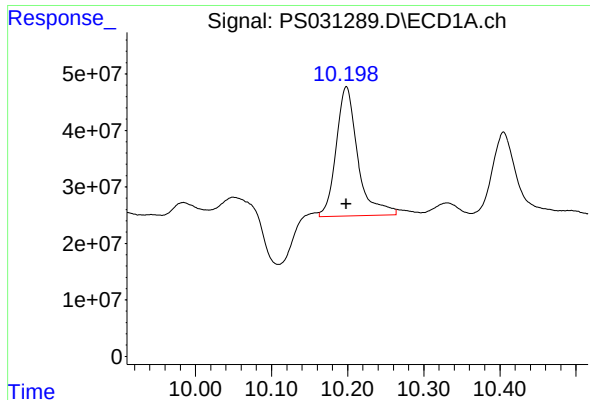
#12 2,4,5-T

R.T.: 9.618 min
Delta R.T.: -0.002 min
Response: 3992679654
Conc: 300.18 ng/ml



#12 2,4,5-T

R.T.: 10.353 min
Delta R.T.: 0.001 min
Response: 3413341197
Conc: 292.62 ng/ml



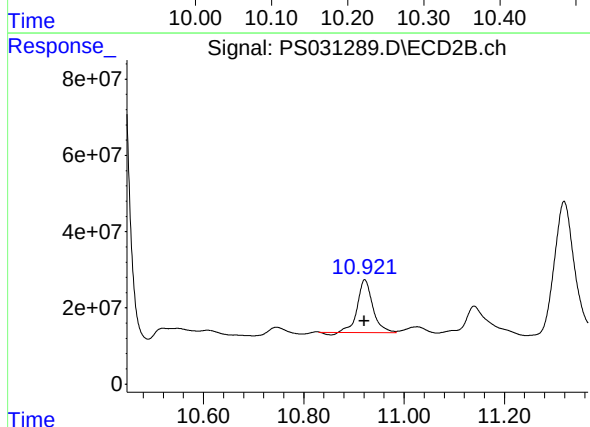
#13 2,4-DB

R.T.: 10.198 min
Delta R.T.: 0.000 min
Response: 450184274
Conc: 257.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MSD

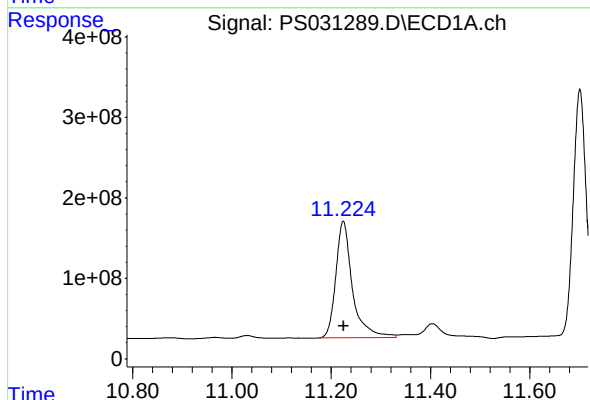
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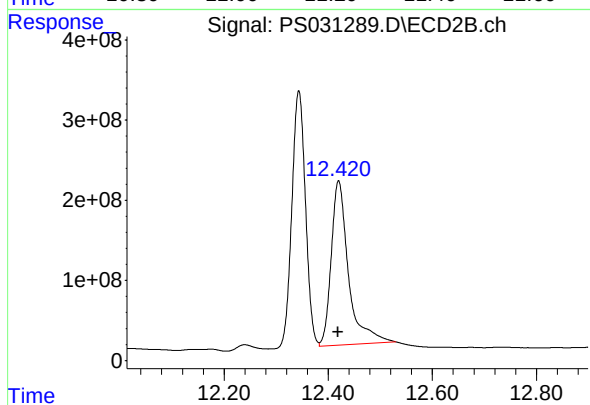
#13 2,4-DB

R.T.: 10.922 min
Delta R.T.: 0.000 min
Response: 295327106
Conc: 305.77 ng/ml



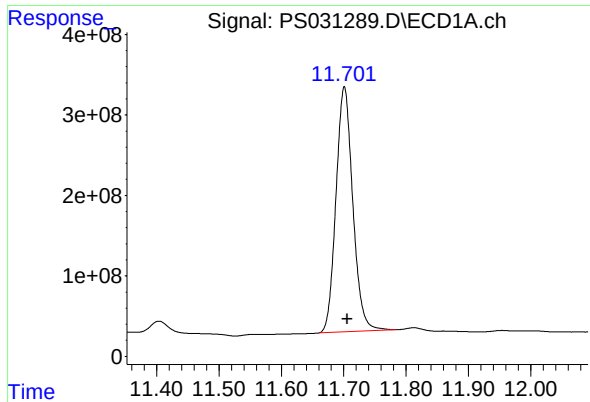
#15 Picloram

R.T.: 11.224 min
Delta R.T.: 0.000 min
Response: 3367189500
Conc: 287.56 ng/ml



#15 Picloram

R.T.: 12.420 min
Delta R.T.: 0.001 min
Response: 4727791478
Conc: 276.56 ng/ml



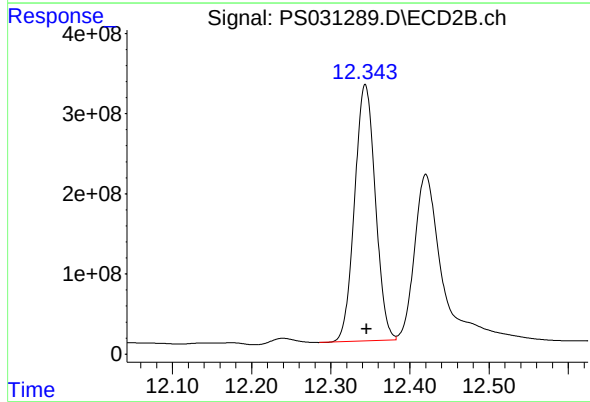
#16 DCPA

R.T.: 11.701 min
Delta R.T.: -0.005 min
Response: 5704042315
Conc: 275.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
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#16 DCPA

R.T.: 12.344 min
Delta R.T.: -0.002 min
Response: 5816923063
Conc: 311.87 ng/ml