

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS120125\
 Data File : PS032561.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2025 13:37
 Operator : AR\AJ
 Sample : Q3714-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 OR-03-11-24-2025MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 01:04:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS110325.M
 Quant Title : 8080.M
 QLast Update : Tue Nov 04 04:59:50 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	7.274	7.608	468.8E6	376.2E6	103.452	103.203m
Target Compounds							
1) T	Dalapon	2.641	2.590	217.2E6	777.4E6	30.263m	111.790m#
2) T	3,5-DICHL...	6.441	6.575	782.0E6	719.5E6	120.942	119.743
3) T	4-Nitroph...	7.095	7.160	473.8E6	135.5E6	352.935	59.676m#
5) T	DICAMBA	7.456	7.799	2344.0E6	1965.8E6	124.246	113.813
6) T	MCPD	7.629	7.894	172.2E6	121.4E6	15.811m	9.126 #
7) T	MCPA	7.782	8.138	126.2E6	163.5E6	9.396	10.028m
8) T	DICHLORPROP	8.163	8.511	641.9E6	794.1E6	144.285m	166.509
9) T	2,4-D	8.404	8.854	483.6E6	686.2E6	107.191m	130.817
10) T	Pentachlo...	8.693	9.348	9835.7E6	8446.4E6	156.772	143.885
11) T	2,4,5-TP ...	9.269	9.732	3545.2E6	3521.9E6	136.295	131.151m
12) T	2,4,5-T	9.566	10.164	2919.0E6	2851.4E6	122.452	120.221
13) T	2,4-DB	10.143	10.728	286.3E6	436.9E6	108.663m	115.837
14) T	DINOSEB	11.335	11.096	2272.5E6	2085.0E6	109.214m	117.880
15) T	Picloram	11.170	12.216	2189.6E6	2405.4E6	103.158m	64.694 #
16) T	DCPA	11.630	12.130	1715.6E6	2205.4E6	51.131	69.221m#

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

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Operator : AR\AJ
Sample : Q3714-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

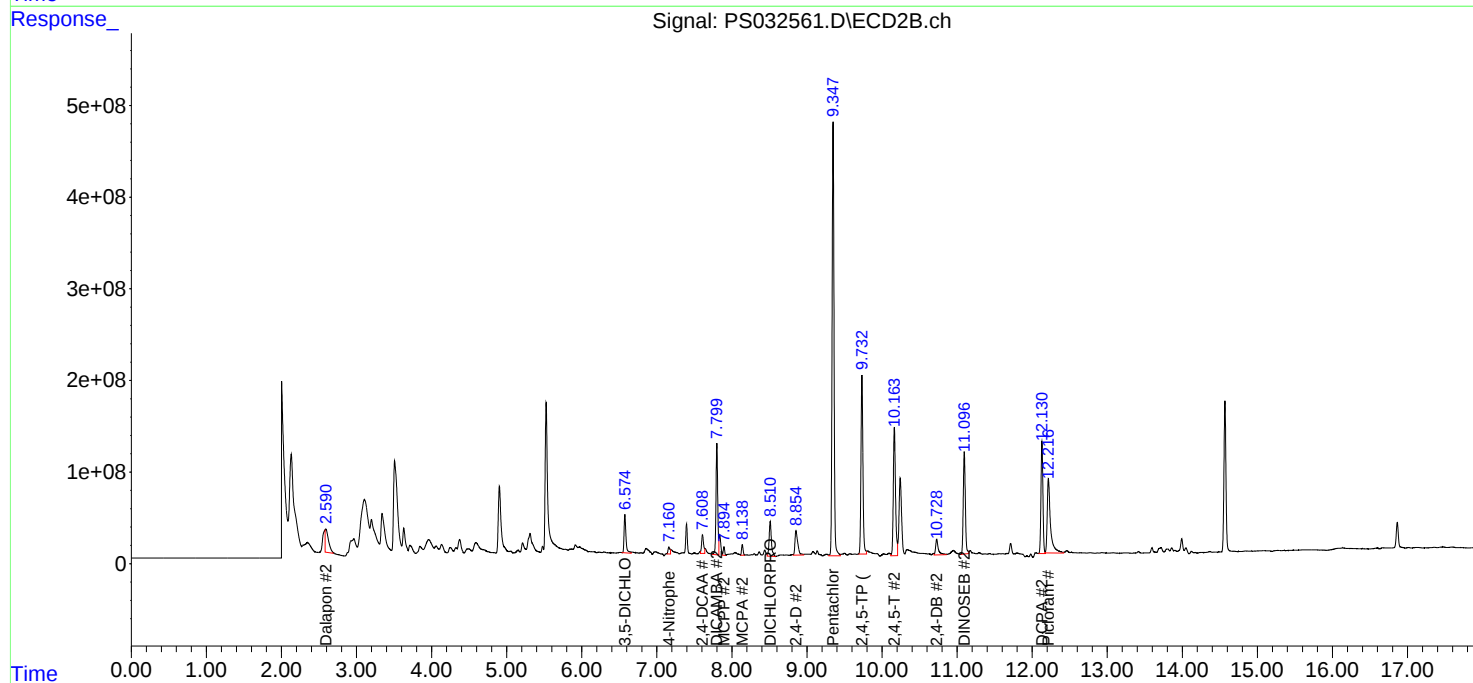
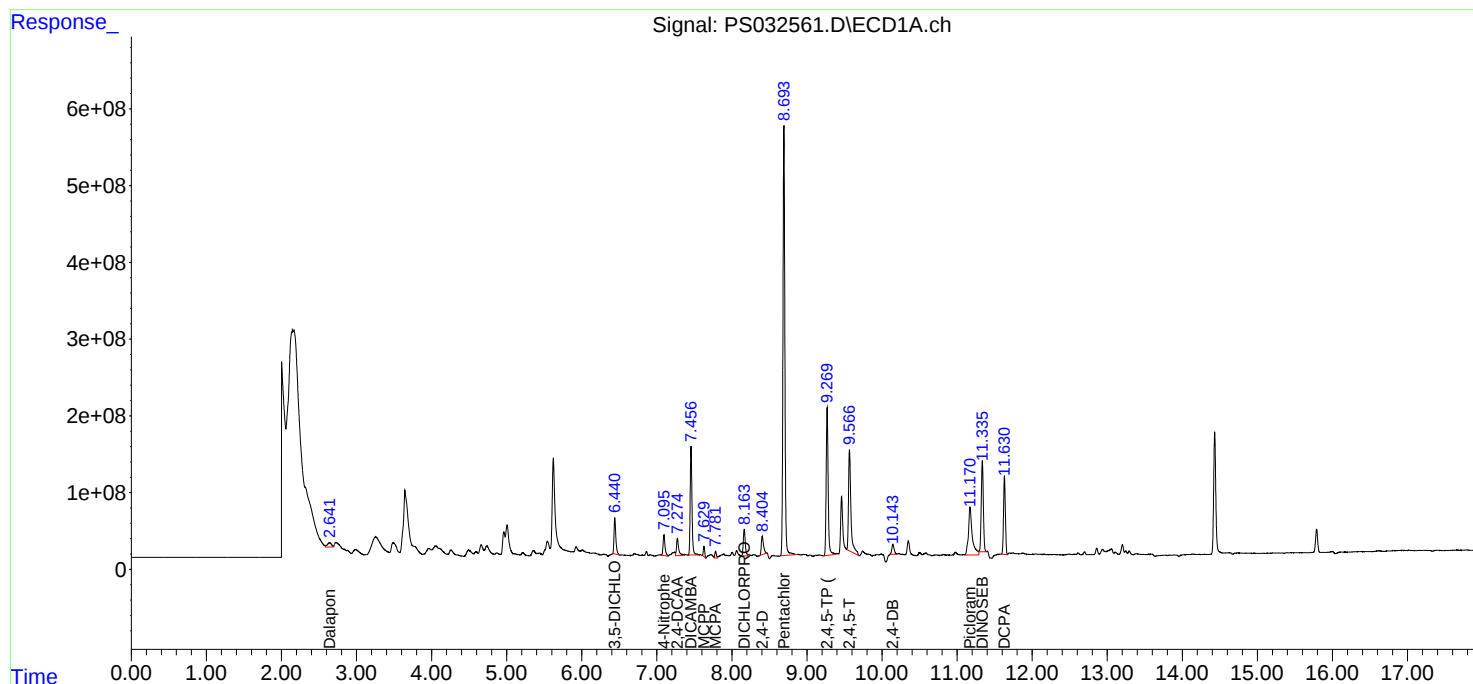
Instrument :
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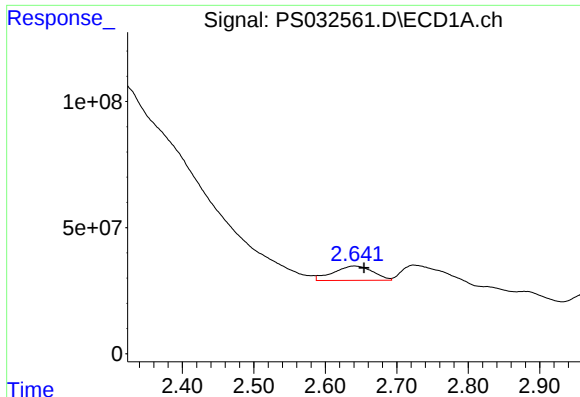
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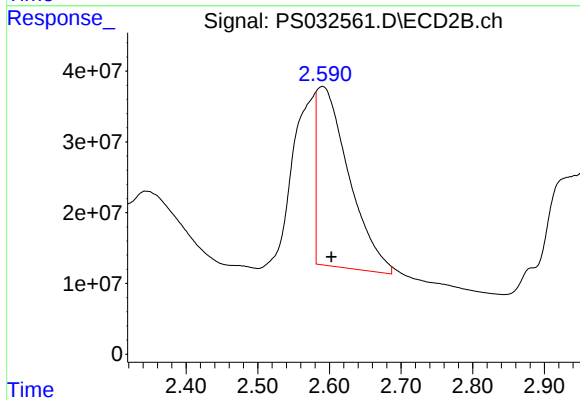
#1 Dalapon

R.T.: 2.641 min
Delta R.T.: -0.013 min
Response: 217248051
Conc: 30.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
OR-03-11-24-2025MS

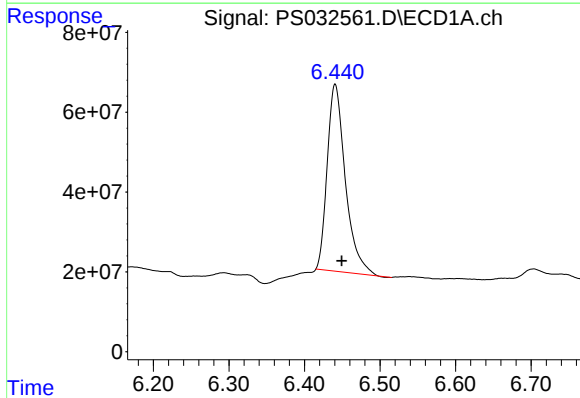
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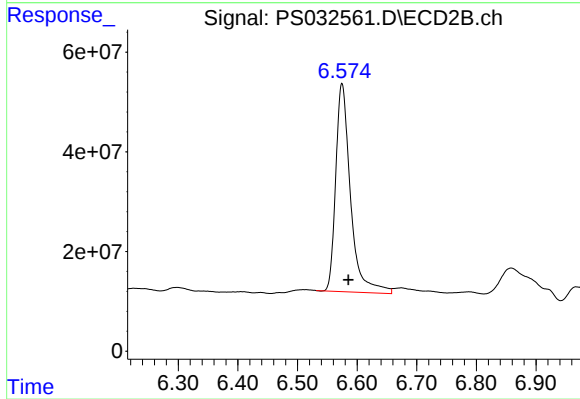
#1 Dalapon

R.T.: 2.590 min
Delta R.T.: -0.013 min
Response: 777388281
Conc: 111.79 ng/ml m



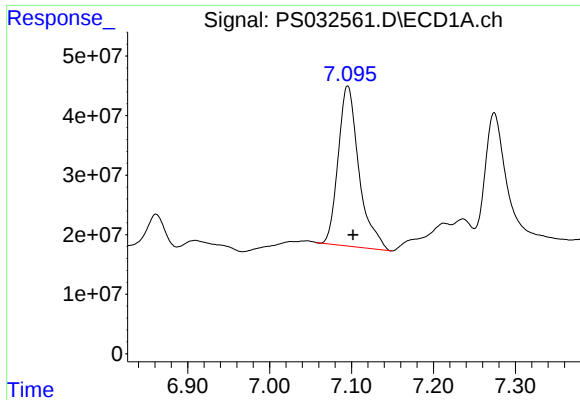
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.441 min
Delta R.T.: -0.009 min
Response: 782033709
Conc: 120.94 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.575 min
Delta R.T.: -0.010 min
Response: 719526433
Conc: 119.74 ng/ml



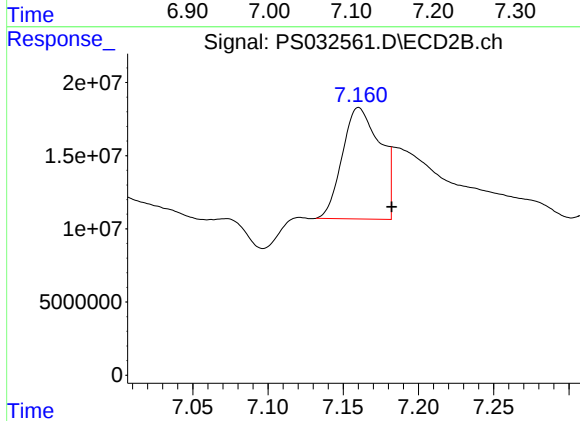
#3 4-Nitrophenol

R.T.: 7.095 min
Delta R.T.: -0.006 min
Response: 473800379
Conc: 352.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
OR-03-11-24-2025MS

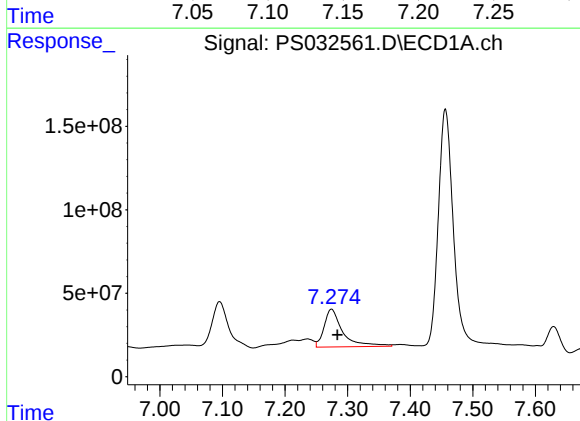
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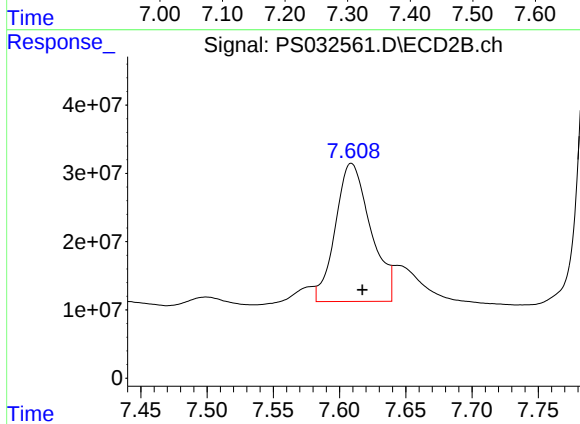
#3 4-Nitrophenol

R.T.: 7.160 min
Delta R.T.: -0.022 min
Response: 135459986
Conc: 59.68 ng/ml m



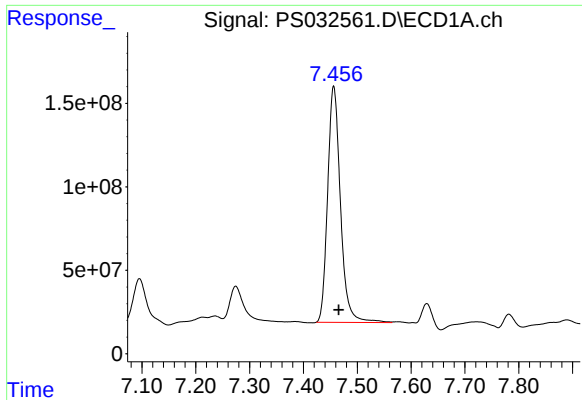
#4 2,4-DCAA

R.T.: 7.274 min
Delta R.T.: -0.009 min
Response: 468771444
Conc: 103.45 ng/ml



#4 2,4-DCAA

R.T.: 7.608 min
Delta R.T.: -0.009 min
Response: 376225655
Conc: 103.20 ng/ml m



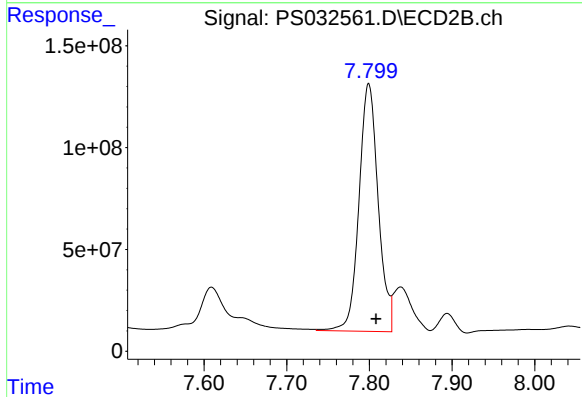
#5 DICAMBA

R.T.: 7.456 min
Delta R.T.: -0.010 min
Response: 2344039013
Conc: 124.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
OR-03-11-24-2025MS

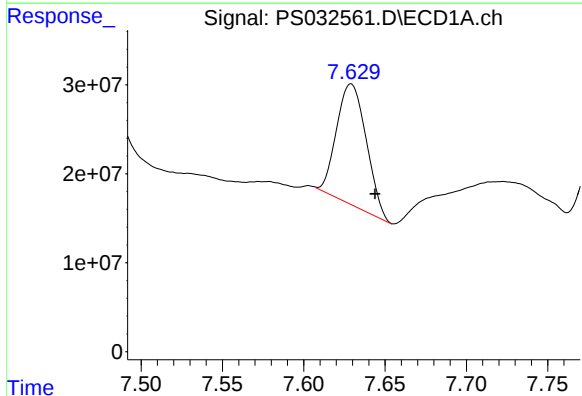
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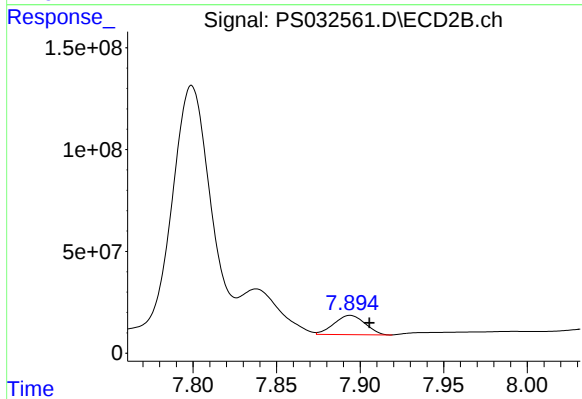
#5 DICAMBA

R.T.: 7.799 min
Delta R.T.: -0.009 min
Response: 1965829438
Conc: 113.81 ng/ml



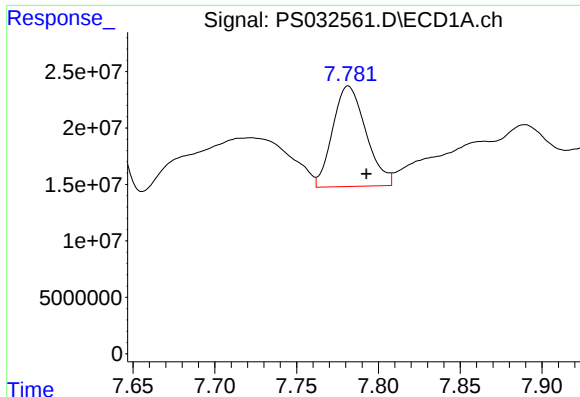
#6 MCPP

R.T.: 7.629 min
Delta R.T.: -0.015 min
Response: 172187665
Conc: 15.81 ug/ml m



#6 MCPP

R.T.: 7.894 min
Delta R.T.: -0.011 min
Response: 121385233
Conc: 9.13 ug/ml



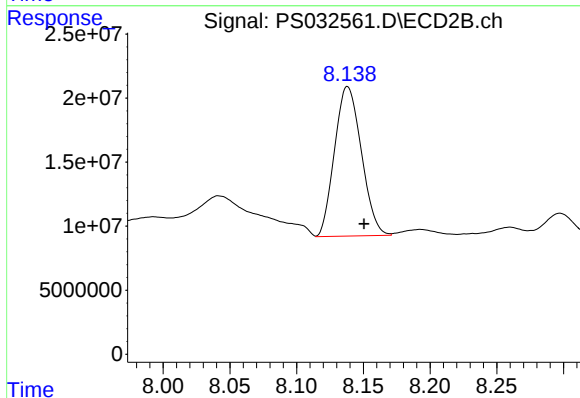
#7 MCPA

R.T.: 7.782 min
Delta R.T.: -0.011 min
Response: 126151990
Conc: 9.40 ug/ml

Instrument :
ECD_S
ClientSampleId :
OR-03-11-24-2025MS

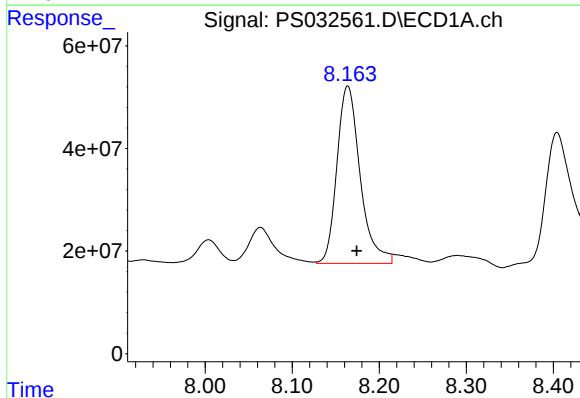
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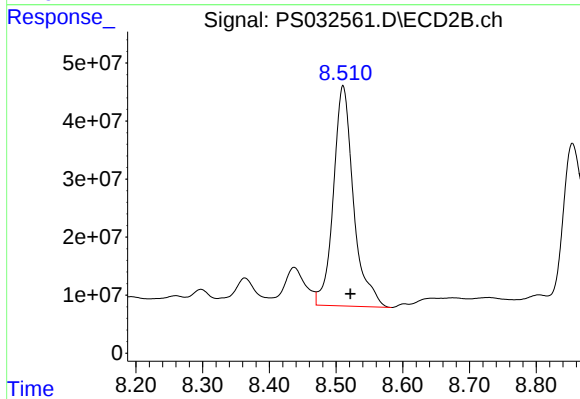
#7 MCPA

R.T.: 8.138 min
Delta R.T.: -0.013 min
Response: 163502690
Conc: 10.03 ug/ml m



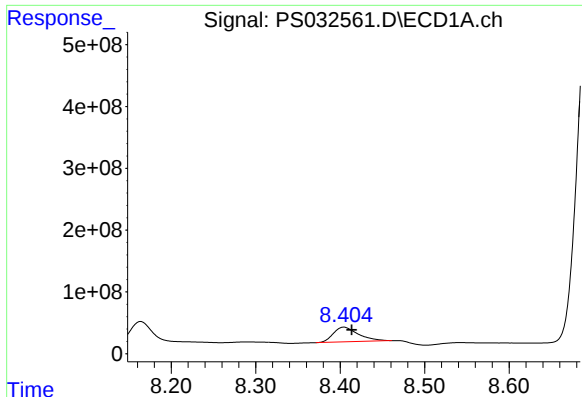
#8 DICHLORPROP

R.T.: 8.163 min
Delta R.T.: -0.011 min
Response: 641890865
Conc: 144.29 ng/ml m



#8 DICHLORPROP

R.T.: 8.511 min
Delta R.T.: -0.011 min
Response: 794104707
Conc: 166.51 ng/ml



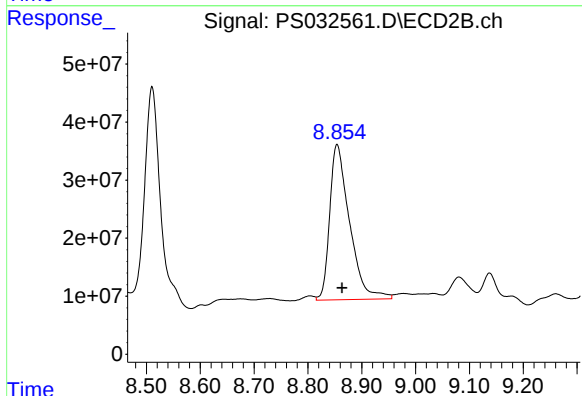
#9 2,4-D

R.T.: 8.404 min
Delta R.T.: -0.010 min
Response: 483623973
Conc: 107.19 ng/ml

Instrument :
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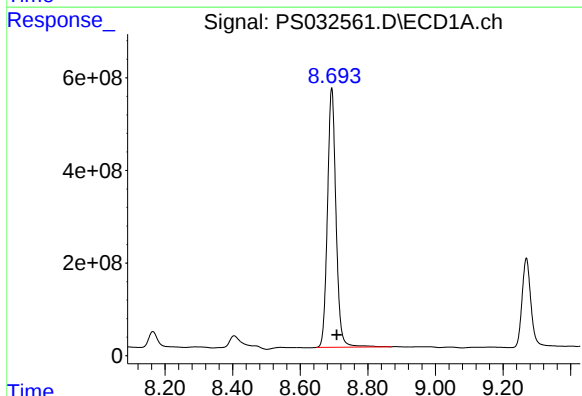
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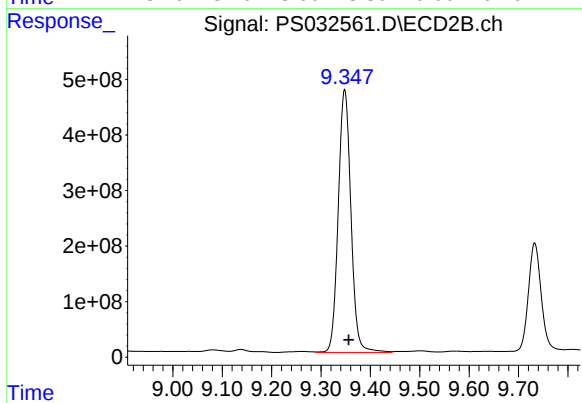
#9 2,4-D

R.T.: 8.854 min
Delta R.T.: -0.009 min
Response: 686218929
Conc: 130.82 ng/ml



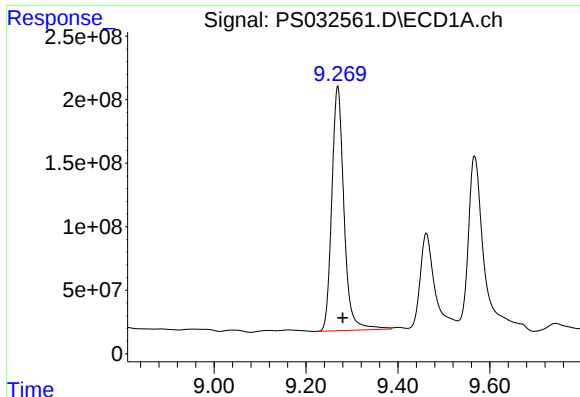
#10 Pentachlorophenol

R.T.: 8.693 min
Delta R.T.: -0.015 min
Response: 9835725163
Conc: 156.77 ng/ml



#10 Pentachlorophenol

R.T.: 9.348 min
Delta R.T.: -0.008 min
Response: 8446440822
Conc: 143.89 ng/ml



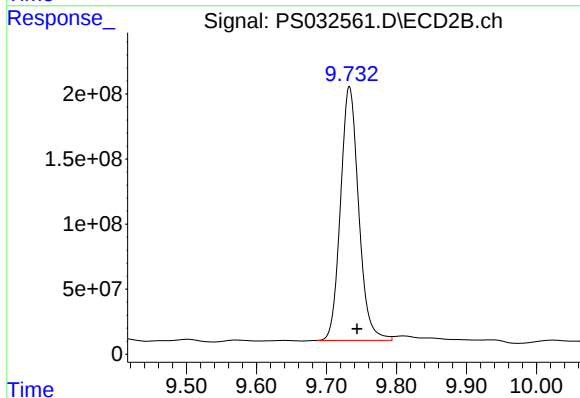
#11 2,4,5-TP (SILVEX)

R.T.: 9.269 min
Delta R.T.: -0.011 min
Response: 3545245696
Conc: 136.30 ng/ml

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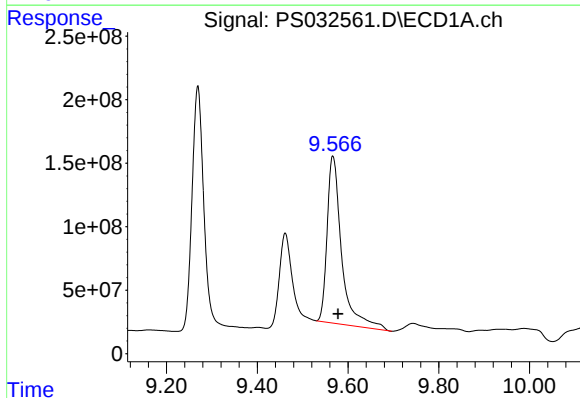
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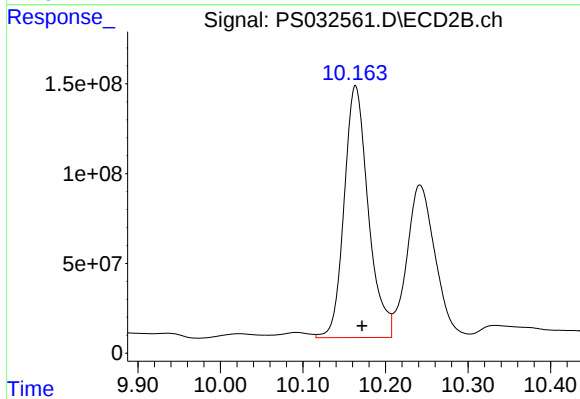
#11 2,4,5-TP (SILVEX)

R.T.: 9.732 min
Delta R.T.: -0.012 min
Response: 3521926701
Conc: 131.15 ng/ml m



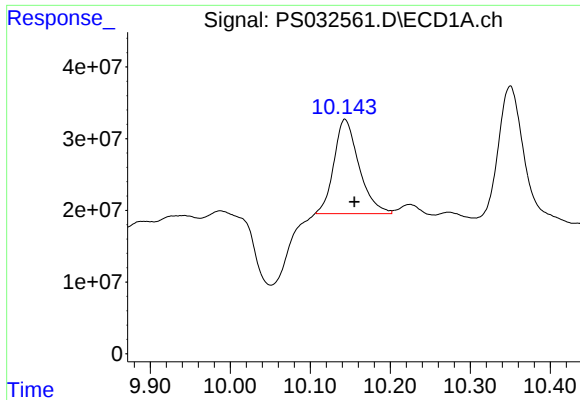
#12 2,4,5-T

R.T.: 9.566 min
Delta R.T.: -0.012 min
Response: 2919034581
Conc: 122.45 ng/ml



#12 2,4,5-T

R.T.: 10.164 min
Delta R.T.: -0.008 min
Response: 2851394732
Conc: 120.22 ng/ml



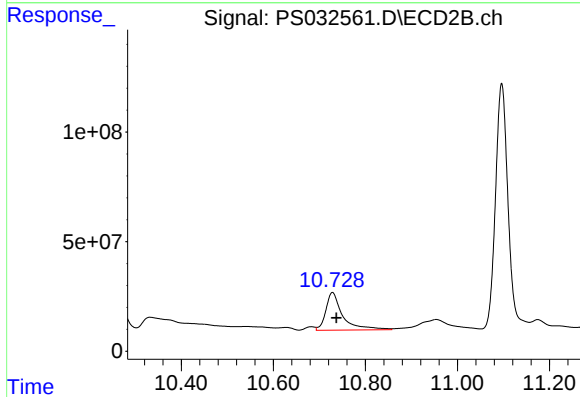
#13 2,4-DB

R.T.: 10.143 min
Delta R.T.: -0.013 min
Response: 286339764
Conc: 108.66 ng/ml

Instrument :
ECD_S
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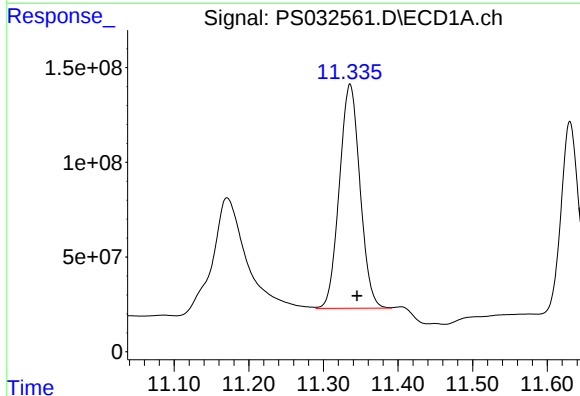
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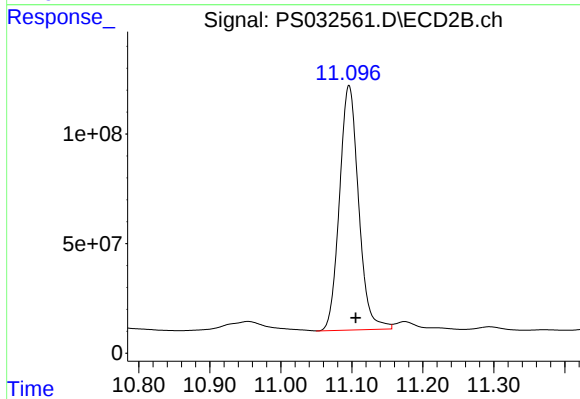
#13 2,4-DB

R.T.: 10.728 min
Delta R.T.: -0.009 min
Response: 436860375
Conc: 115.84 ng/ml



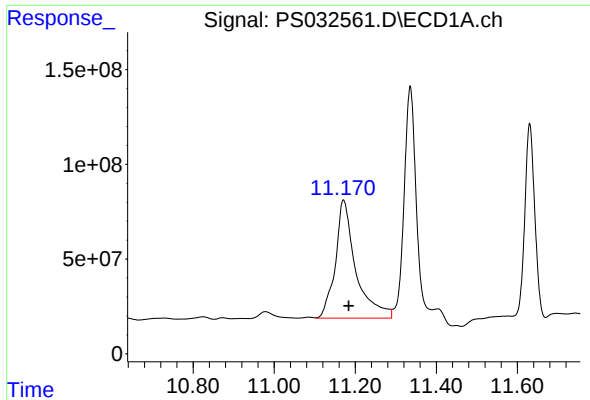
#14 DINOSEB

R.T.: 11.335 min
Delta R.T.: -0.010 min
Response: 2272482005
Conc: 109.21 ng/ml m



#14 DINOSEB

R.T.: 11.096 min
Delta R.T.: -0.009 min
Response: 2084981922
Conc: 117.88 ng/ml



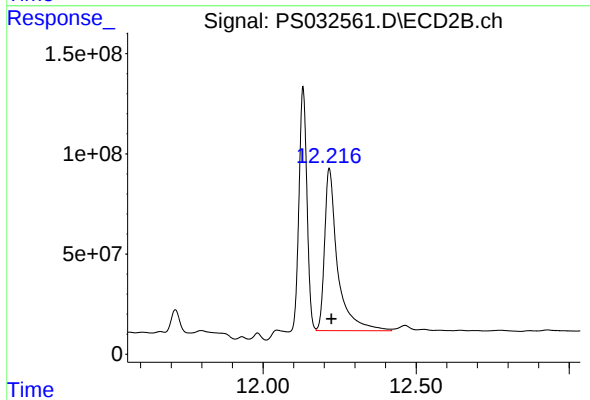
#15 Picloram

R.T.: 11.170 min
Delta R.T.: -0.014 min
Response: 2189592684
Conc: 103.16 ng/ml

Instrument :
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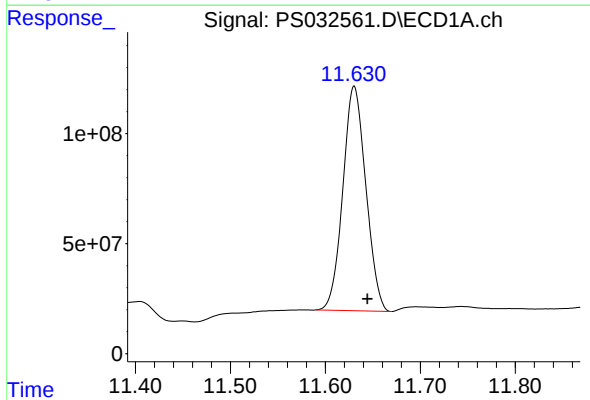
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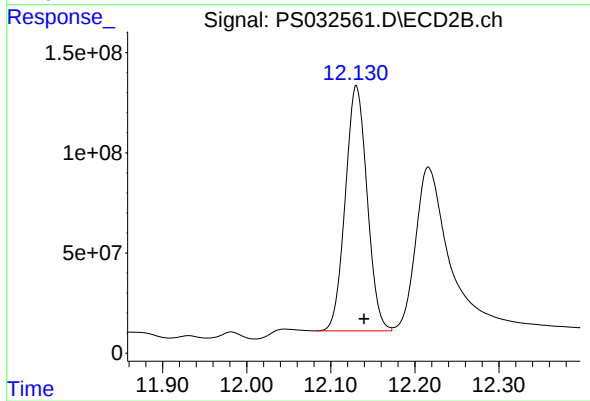
#15 Picloram

R.T.: 12.216 min
Delta R.T.: -0.007 min
Response: 2405446646
Conc: 64.69 ng/ml



#16 DCPA

R.T.: 11.630 min
Delta R.T.: -0.014 min
Response: 1715552460
Conc: 51.13 ng/ml



#16 DCPA

R.T.: 12.130 min
Delta R.T.: -0.010 min
Response: 2205415842
Conc: 69.22 ng/ml m