

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS120825\
 Data File : PS032633.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Dec 2025 20:48
 Operator : AR\AJ
 Sample : PB170851BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB170851BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/09/2025
 Supervised By : Yogesh Patel 12/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 09 02:26:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS120325.M
 Quant Title : 8080.M
 QLast Update : Tue Dec 09 02:16:54 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	7.005	7.368	1832.6E6	2008.1E6	331.767	374.563
Target Compounds							
1) T	Dalapon	2.474	2.457	1821.7E6	2151.7E6	215.140m	294.790m#
2) T	3,5-DICHL...	6.198	6.362	2838.3E6	2351.8E6	382.670m	385.002m
3) T	4-Nitroph...	6.821	6.934	559.0E6	952.4E6	445.573m	398.658m
5) T	DICAMBA	7.181	7.561	9348.8E6	7561.5E6	420.770	381.127m
6) T	MCPD	7.355	7.662	531.1E6	457.5E6	42.116m	34.128m
7) T	MCPA	7.503	7.906	468.1E6	367.9E6	28.948	22.158
8) T	DICHLORPROP	7.873	8.264	2346.9E6	2062.2E6	435.439	415.105m
9) T	2,4-D	8.106	8.597	2506.6E6	2390.3E6	410.534	425.599m
10) T	Pentachlo...	8.378	9.070	36794.9E6	23910.7E6	501.822	391.351
11) T	2,4,5-TP ...	8.952	9.468	14639.6E6	13099.3E6	438.122m	456.603m
12) T	2,4,5-T	9.245	9.893	13227.4E6	10067.0E6	314.623m	360.485m
13) T	2,4-DB	9.810	10.451	1675.1E6	2263.1E6	537.047m	555.550m
14) T	DINOSEB	10.988	10.835	9336.9E6	6054.4E6	338.586	334.782m
15) T	Picloram	10.829	11.951	15216.5E6	11178.9E6	386.748	310.555m
16) T	DCPA	11.277	11.843	14666.0E6	12329.9E6	366.040	362.407m

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

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Acq On : 08 Dec 2025 20:48
Operator : AR\AJ
Sample : PB170851BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

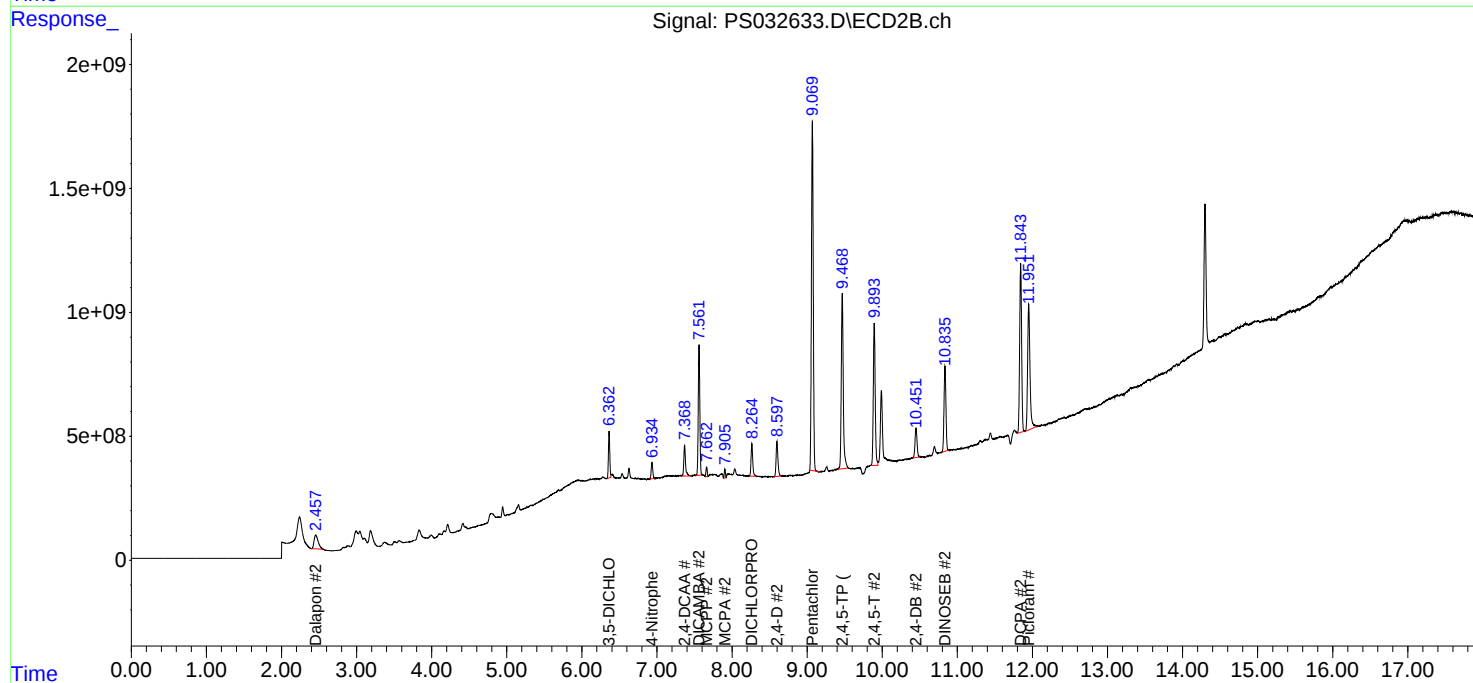
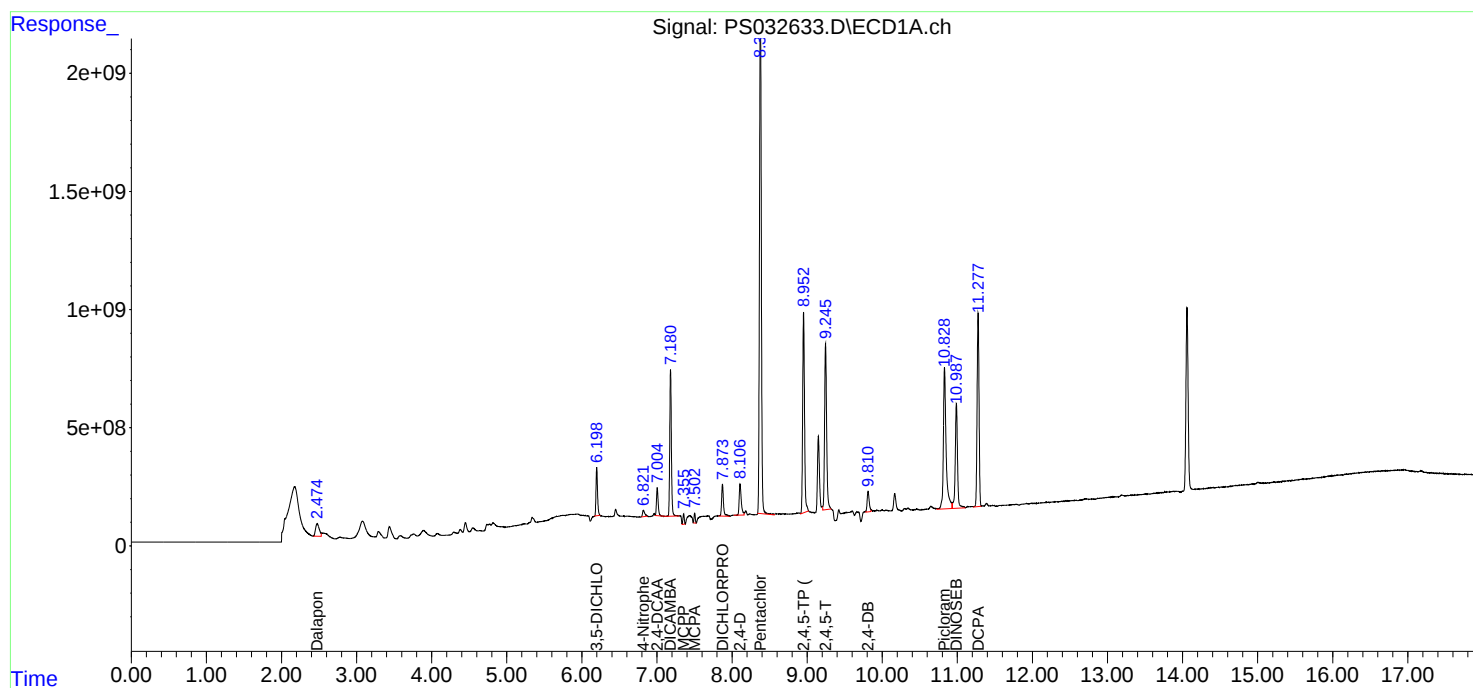
Instrument :
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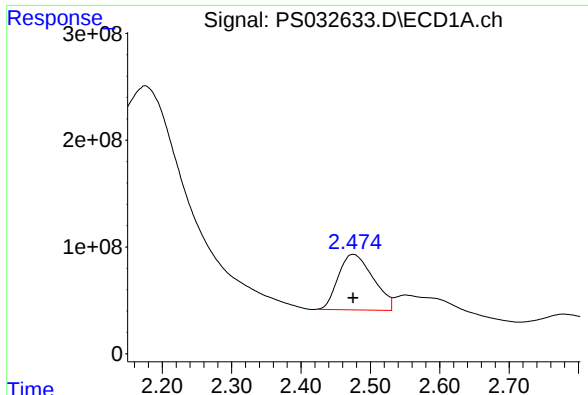
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Integration File signal 1: autoint1.e
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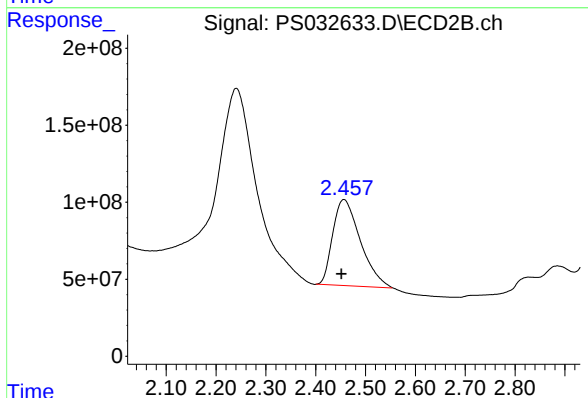
#1 Dalapon

R.T.: 2.474 min
Delta R.T.: -0.001 min
Response: 1821726784
Conc: 215.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170851BS

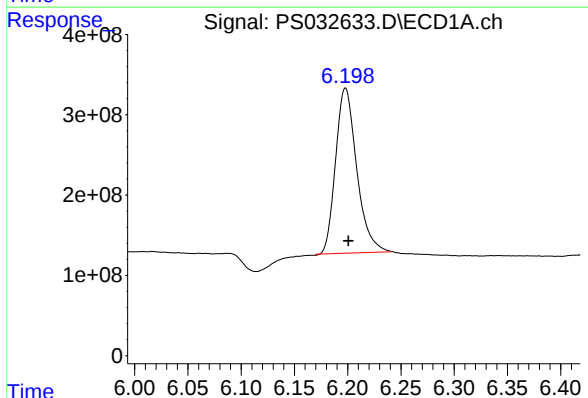
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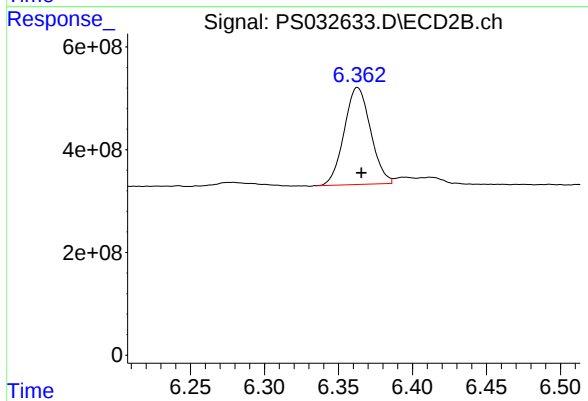
#1 Dalapon

R.T.: 2.457 min
Delta R.T.: 0.005 min
Response: 2151654859
Conc: 294.79 ng/ml m



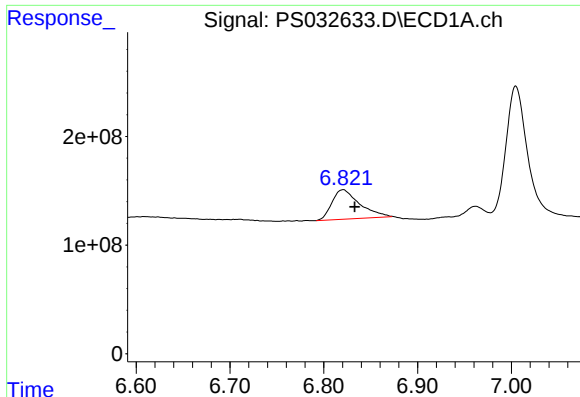
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.198 min
Delta R.T.: -0.003 min
Response: 2838331855
Conc: 382.67 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.362 min
Delta R.T.: -0.003 min
Response: 2351840961
Conc: 385.00 ng/ml m



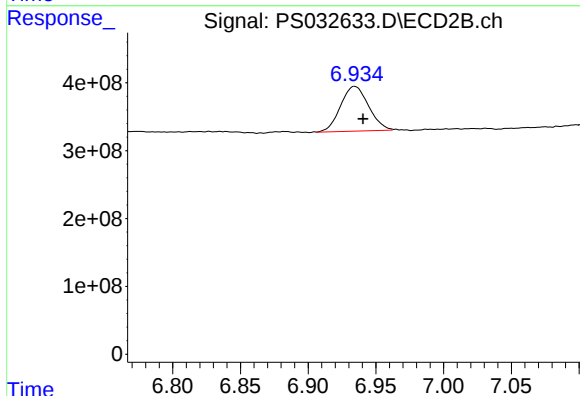
#3 4-Nitrophenol

R.T.: 6.821 min
Delta R.T.: -0.012 min
Response: 559016262
Conc: 445.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170851BS

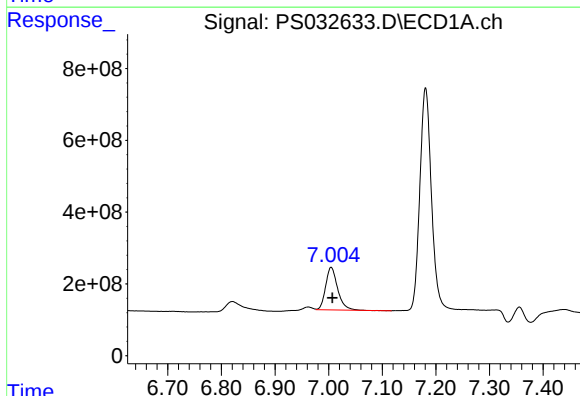
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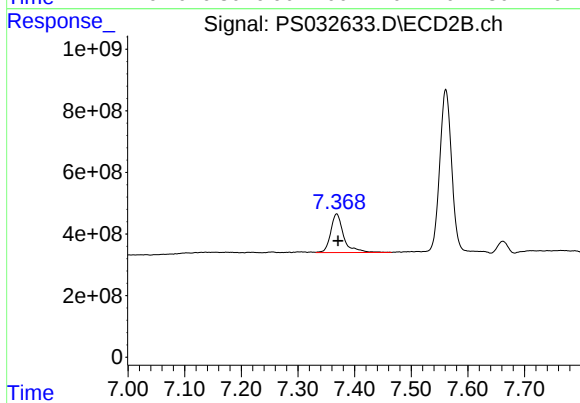
#3 4-Nitrophenol

R.T.: 6.934 min
Delta R.T.: -0.007 min
Response: 952360469
Conc: 398.66 ng/ml m



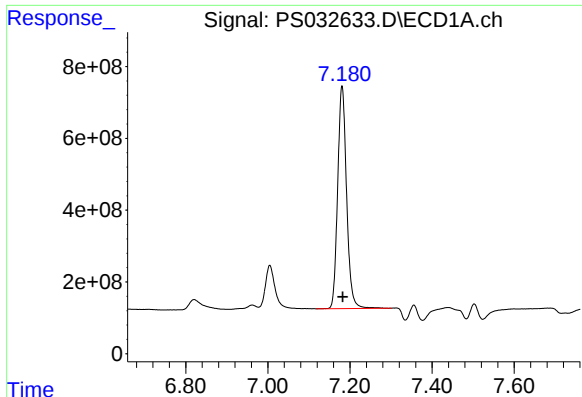
#4 2,4-DCAA

R.T.: 7.005 min
Delta R.T.: -0.002 min
Response: 1832563622
Conc: 331.77 ng/ml



#4 2,4-DCAA

R.T.: 7.368 min
Delta R.T.: -0.003 min
Response: 2008114701
Conc: 374.56 ng/ml



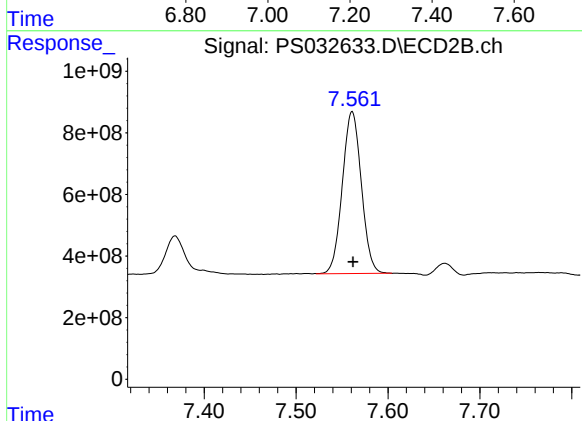
#5 DICAMBA

R.T.: 7.181 min
Delta R.T.: -0.002 min
Response: 9348823232
Conc: 420.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170851BS

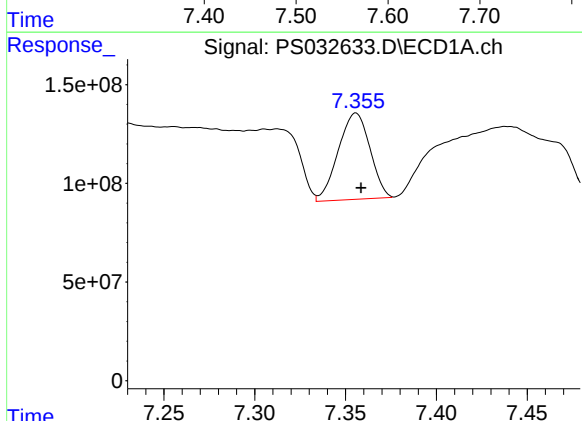
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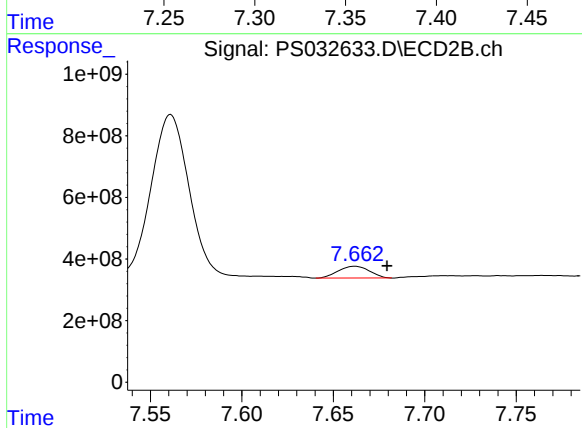
#5 DICAMBA

R.T.: 7.561 min
Delta R.T.: -0.001 min
Response: 7561516022
Conc: 381.13 ng/ml m



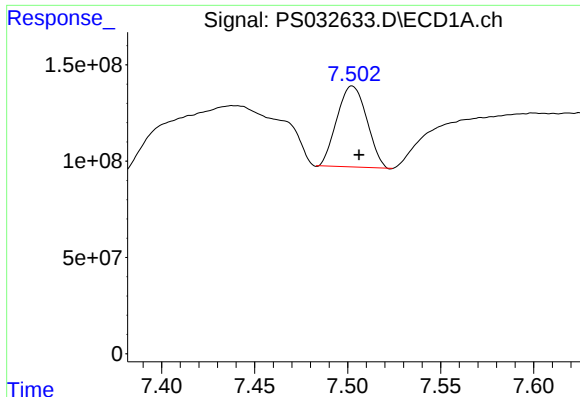
#6 MCP

R.T.: 7.355 min
Delta R.T.: -0.003 min
Response: 531057066
Conc: 42.12 ug/ml m



#6 MCP

R.T.: 7.662 min
Delta R.T.: -0.018 min
Response: 457466011
Conc: 34.13 ug/ml m



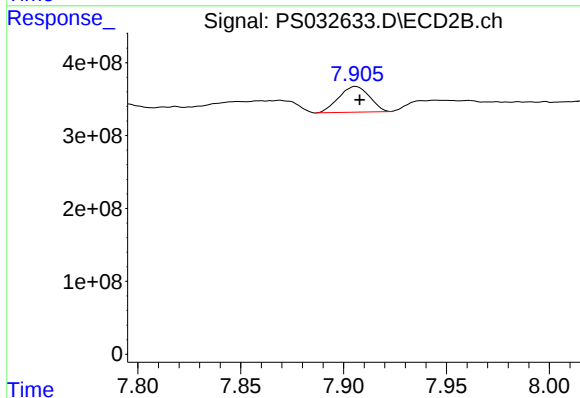
#7 MCPA

R.T.: 7.503 min
Delta R.T.: -0.004 min
Response: 468077537
Conc: 28.95 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB170851BS

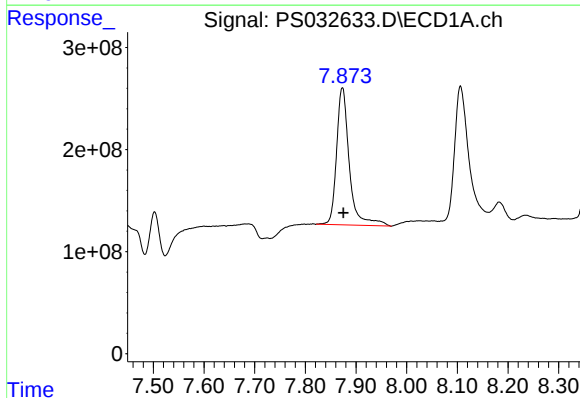
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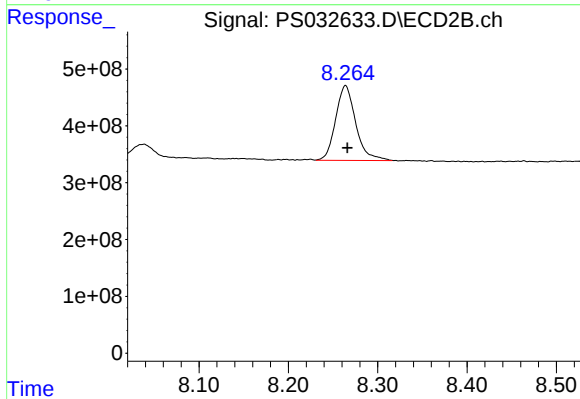
#7 MCPA

R.T.: 7.906 min
Delta R.T.: -0.002 min
Response: 367932950
Conc: 22.16 ug/ml



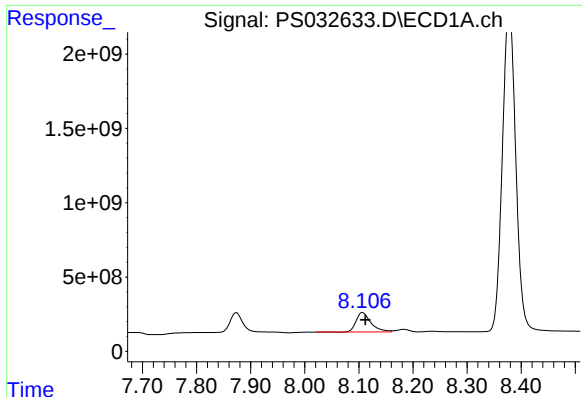
#8 DICHLORPROP

R.T.: 7.873 min
Delta R.T.: -0.002 min
Response: 2346899288
Conc: 435.44 ng/ml



#8 DICHLORPROP

R.T.: 8.264 min
Delta R.T.: -0.002 min
Response: 2062169299
Conc: 415.11 ng/ml m



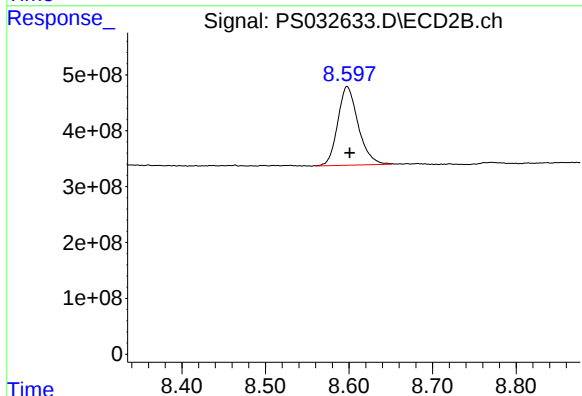
#9 2,4-D

R.T.: 8.106 min
Delta R.T.: -0.006 min
Response: 2506584224
Conc: 410.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
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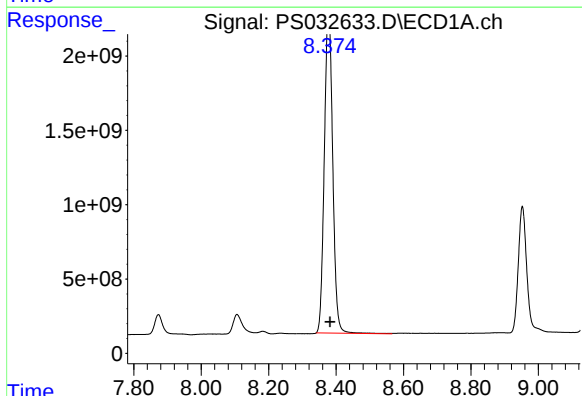
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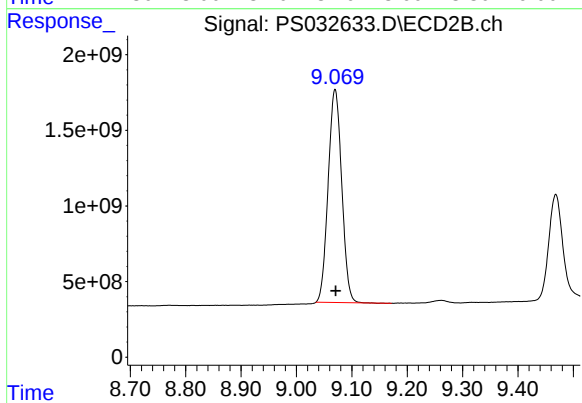
#9 2,4-D

R.T.: 8.597 min
Delta R.T.: -0.004 min
Response: 2390343891
Conc: 425.60 ng/ml m



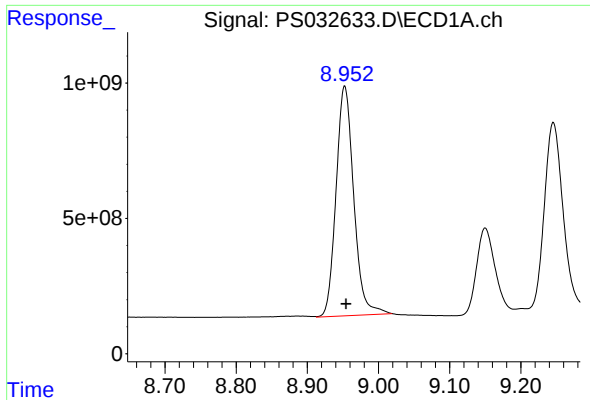
#10 Pentachlorophenol

R.T.: 8.378 min
Delta R.T.: -0.005 min
Response: 36794889085
Conc: 501.82 ng/ml



#10 Pentachlorophenol

R.T.: 9.070 min
Delta R.T.: -0.001 min
Response: 23910736285
Conc: 391.35 ng/ml



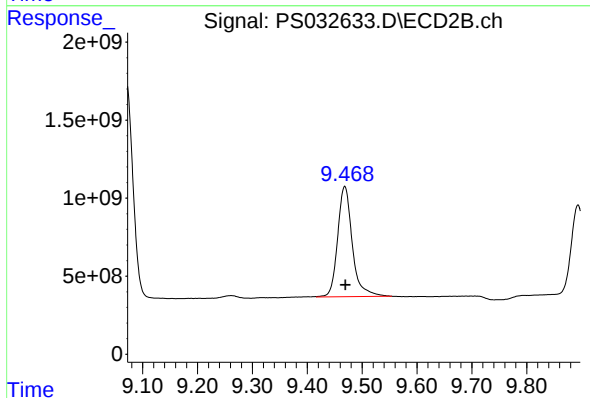
#11 2,4,5-TP (SILVEX)

R.T.: 8.952 min
Delta R.T.: -0.002 min
Response: 14639626605
Conc: 438.12 ng/ml

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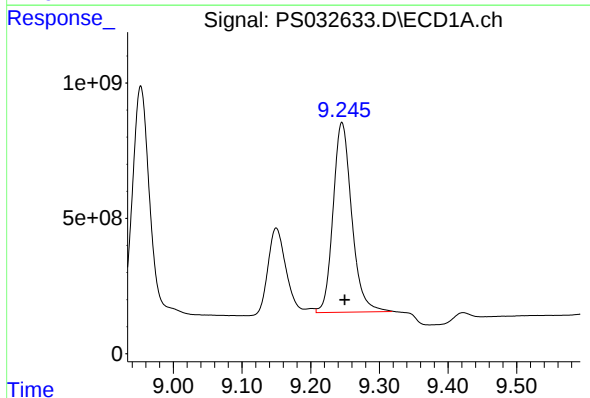
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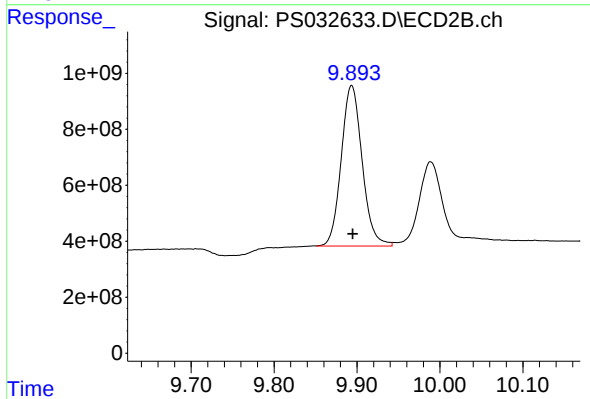
#11 2,4,5-TP (SILVEX)

R.T.: 9.468 min
Delta R.T.: -0.002 min
Response: 13099263512
Conc: 456.60 ng/ml m



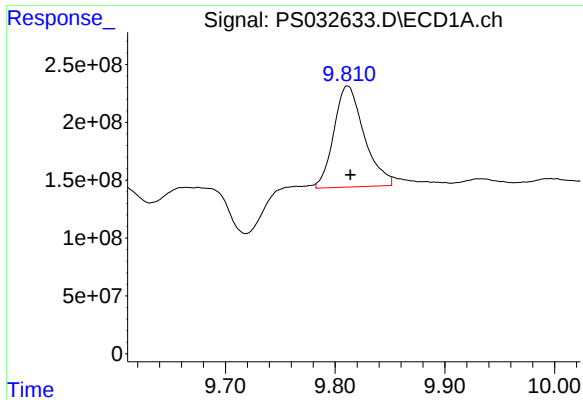
#12 2,4,5-T

R.T.: 9.245 min
Delta R.T.: -0.005 min
Response: 13227439875
Conc: 314.62 ng/ml m



#12 2,4,5-T

R.T.: 9.893 min
Delta R.T.: -0.002 min
Response: 10066959316
Conc: 360.48 ng/ml m



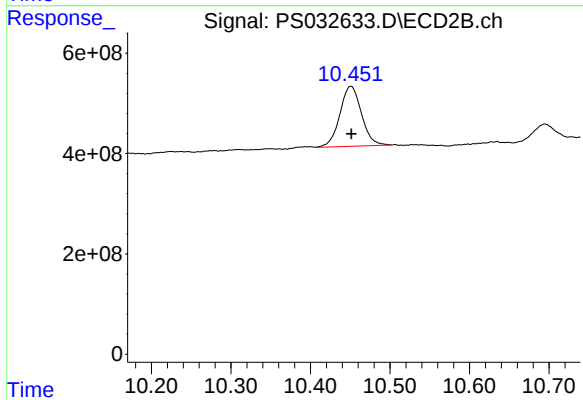
#13 2,4-DB

R.T.: 9.810 min
Delta R.T.: -0.004 min
Response: 1675110561
Conc: 537.05 ng/ml

Instrument :
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ClientSampleId :
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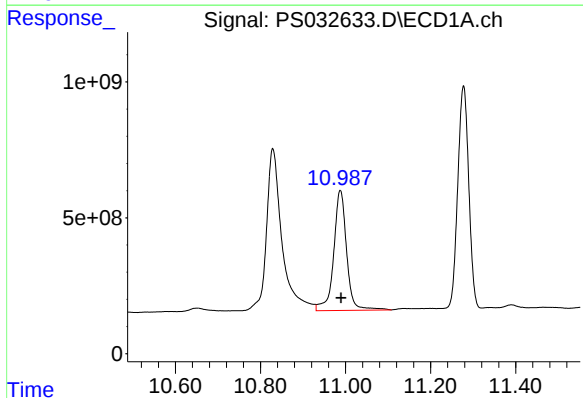
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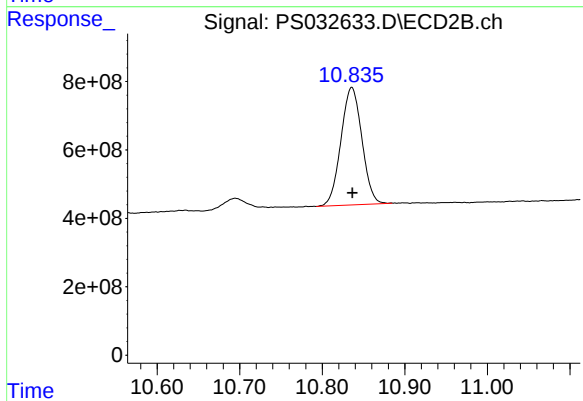
#13 2,4-DB

R.T.: 10.451 min
Delta R.T.: 0.000 min
Response: 2263063305
Conc: 555.55 ng/ml m



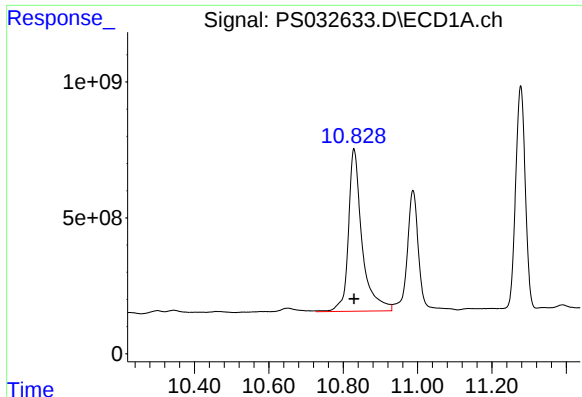
#14 DINOSEB

R.T.: 10.988 min
Delta R.T.: -0.002 min
Response: 9336897465
Conc: 338.59 ng/ml



#14 DINOSEB

R.T.: 10.835 min
Delta R.T.: 0.000 min
Response: 6054372681
Conc: 334.78 ng/ml m



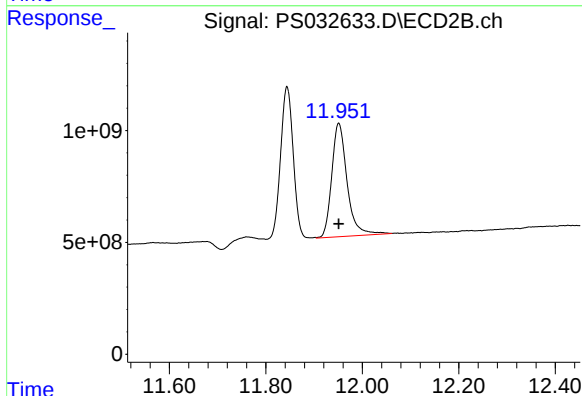
#15 Picloram

R.T.: 10.829 min
Delta R.T.: 0.000 min
Response: 15216450001
Conc: 386.75 ng/ml

Instrument :
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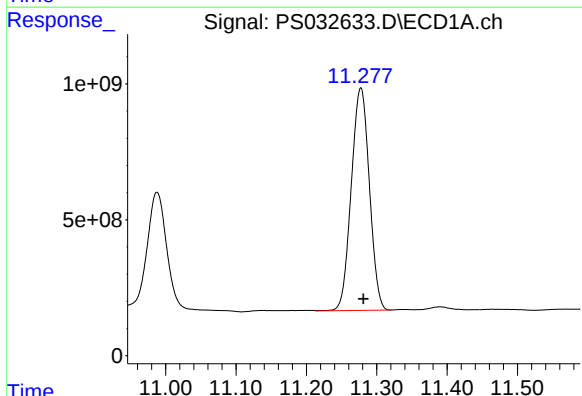
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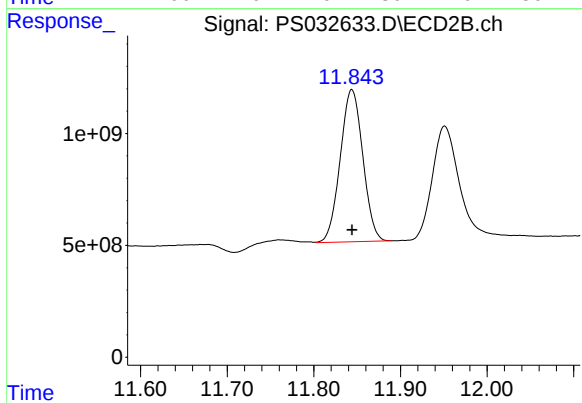
#15 Picloram

R.T.: 11.951 min
Delta R.T.: 0.000 min
Response: 11178884366
Conc: 310.55 ng/ml m



#16 DCPA

R.T.: 11.277 min
Delta R.T.: -0.004 min
Response: 14666005133
Conc: 366.04 ng/ml



#16 DCPA

R.T.: 11.843 min
Delta R.T.: 0.000 min
Response: 12329922677
Conc: 362.41 ng/ml m