

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS081825\
 Data File : PS031485.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2025 15:32
 Operator : AR\AJ
 Sample : Q2832-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TG-S01MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/19/2025
 Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 07:45:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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	7.288	7.742	2555.0E6	756.9E6	804.970	895.433
Target Compounds							
1) T	Dalapon	2.673	2.695	3097.0E6	1447.3E6	590.023	543.908
2) T	3,5-DICHL...	6.455	6.694	2554.1E6	626.5E6	541.312	463.411
3) T	4-Nitroph...	7.104	7.307	8150798	26338525	7.901m	20.955m#
5) T	DICAMBA	7.474	7.941	7121.0E6	2808.9E6	509.867	494.296
6) T	MCPD	7.653	8.040	564.9E6	113.0E6	70.222	63.896
7) T	MCPA	7.803	8.288	882.3E6	238.9E6	88.575	85.165
8) T	DICHLORPROP	8.181	8.658	2341.9E6	906.3E6	738.189	678.838
9) T	2,4-D	8.415	8.996	2783.1E6	1339.4E6	967.426	938.413m
10) T	Pentachlo...	8.714	9.511	25764.1E6	17011.6E6	536.614	488.440
11) T	2,4,5-TP ...	9.291	9.894	14184.3E6	9859.5E6	791.369	751.716m
12) T	2,4,5-T	9.586	10.322	13342.9E6	9314.5E6	910.702	786.710
13) T	2,4-DB	10.161	10.890	1740.4E6	727.6E6	905.667	754.083
14) T	DINOSEB	11.363	11.270	5664.6E6	3670.9E6	446.789	388.171
15) T	Picloram	11.187	12.386	7846.8E6	9122.5E6	601.099m	520.403
16) T	DCPA	11.661	12.312	12527.3E6	10407.1E6	549.940	528.268m

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

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Misc :
ALS Vial : 10 Sample Multiplier: 1

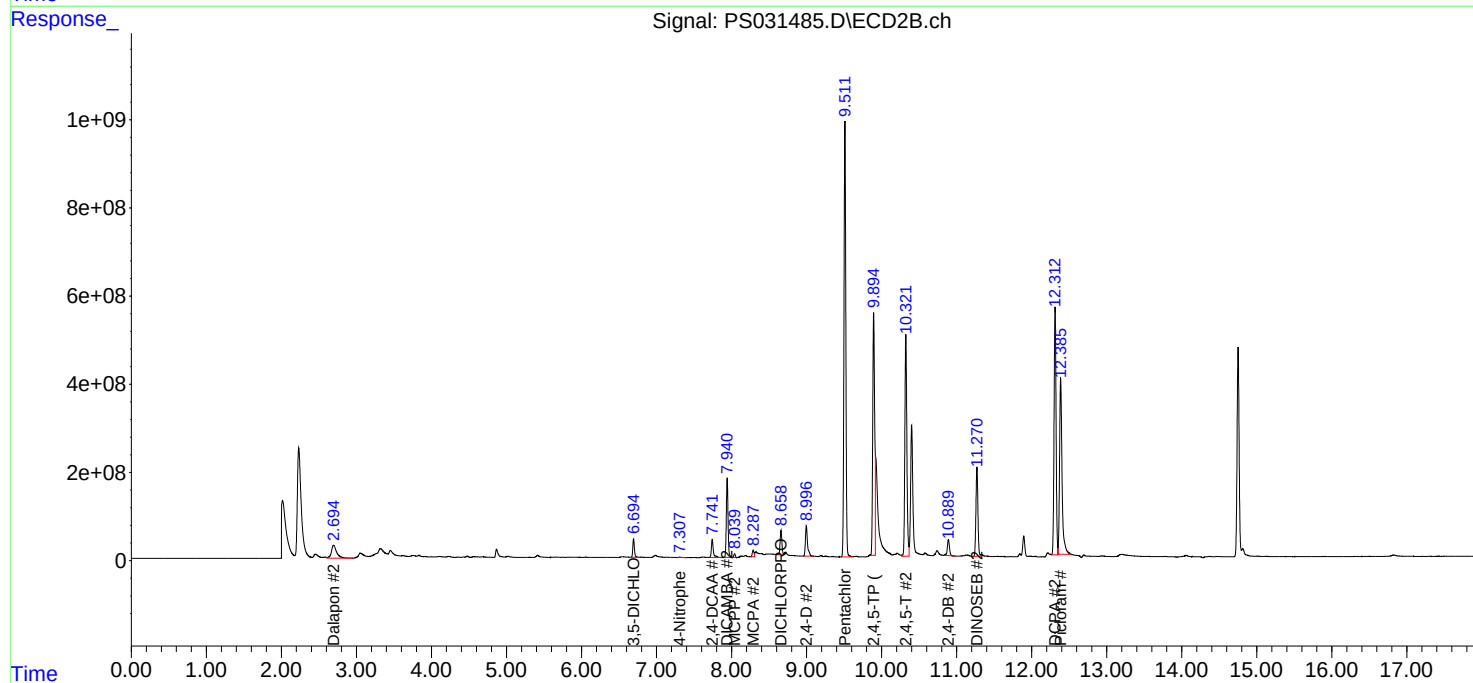
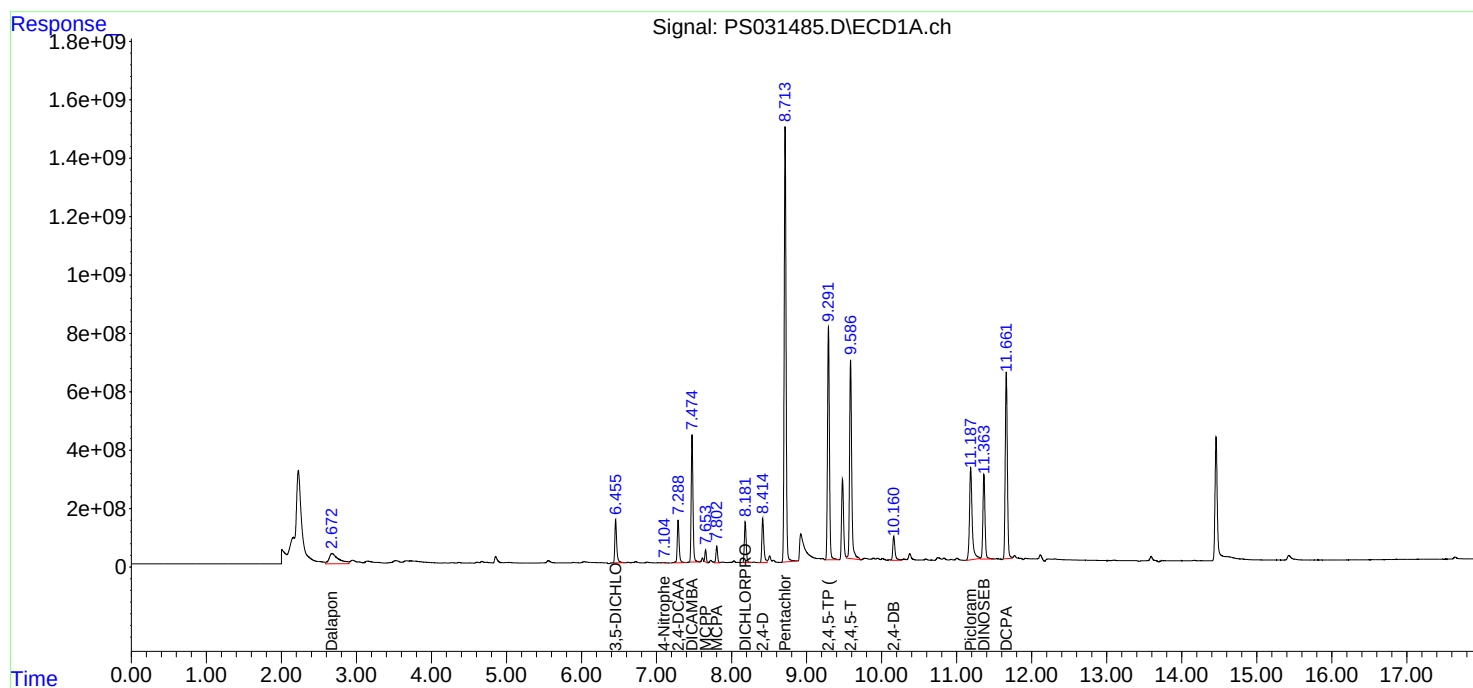
Instrument :
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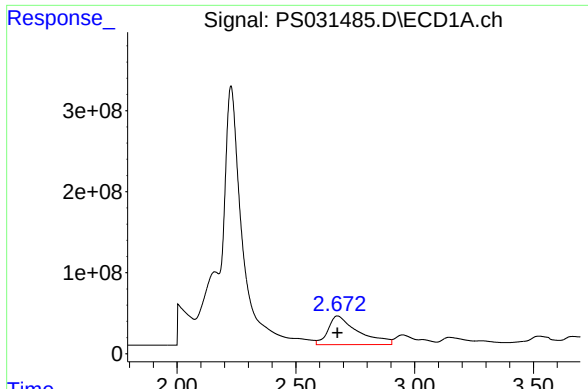
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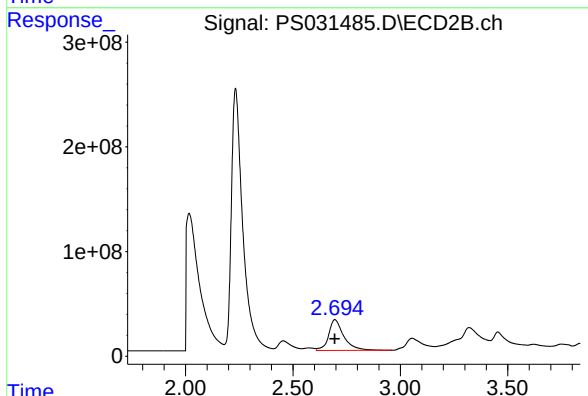
#1 Dalapon

R.T.: 2.673 min
Delta R.T.: -0.001 min
Response: 3096990303
Conc: 590.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
TG-S01MSD

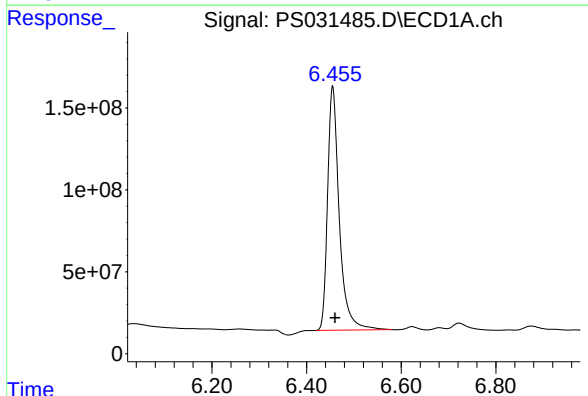
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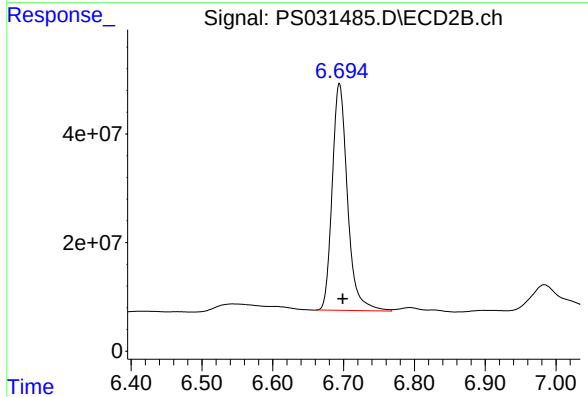
#1 Dalapon

R.T.: 2.695 min
Delta R.T.: 0.000 min
Response: 1447344893
Conc: 543.91 ng/ml



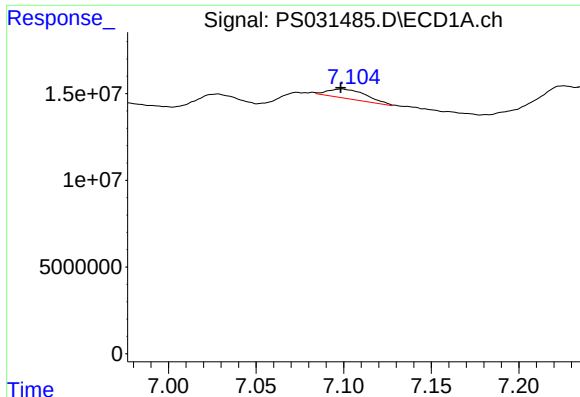
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.455 min
Delta R.T.: -0.005 min
Response: 2554079915
Conc: 541.31 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.694 min
Delta R.T.: -0.005 min
Response: 626499367
Conc: 463.41 ng/ml



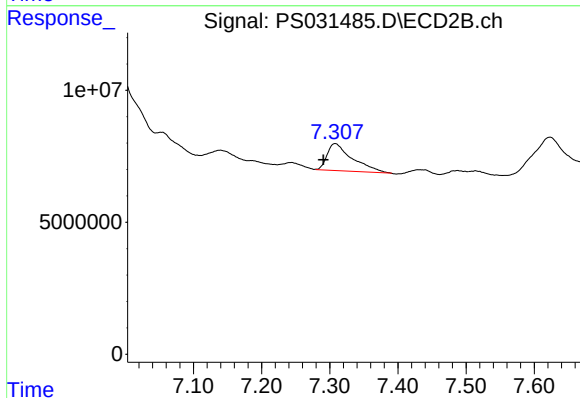
#3 4-Nitrophenol

R.T.: 7.104 min
Delta R.T.: 0.006 min
Response: 8150798
Conc: 7.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
TG-S01MSD

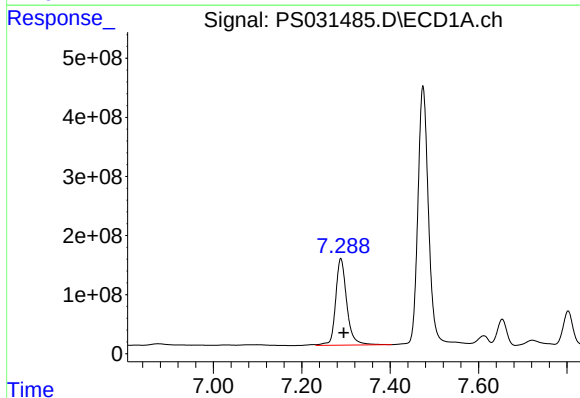
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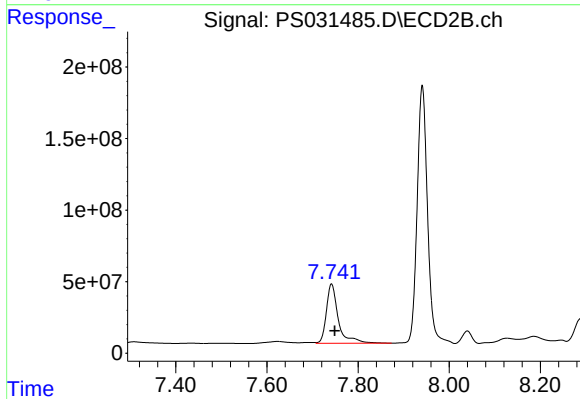
#3 4-Nitrophenol

R.T.: 7.307 min
Delta R.T.: 0.016 min
Response: 26338525
Conc: 20.96 ng/ml m



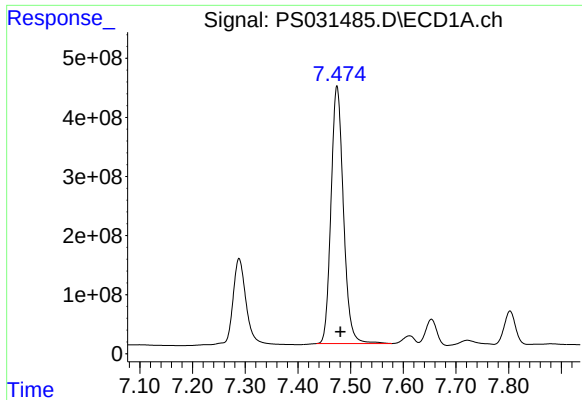
#4 2,4-DCAA

R.T.: 7.288 min
Delta R.T.: -0.007 min
Response: 2554963594
Conc: 804.97 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: -0.007 min
Response: 756944665
Conc: 895.43 ng/ml



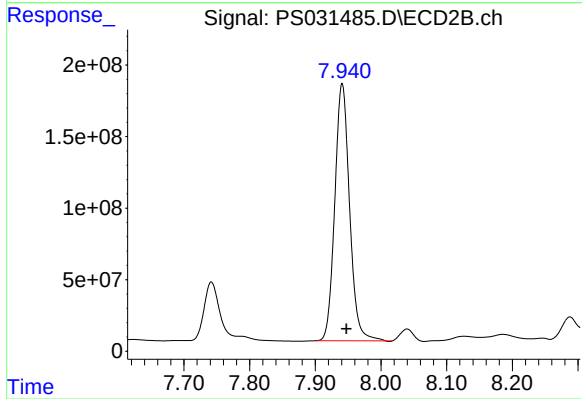
#5 DICAMBA

R.T.: 7.474 min
Delta R.T.: -0.007 min
Response: 7121044179
Conc: 509.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
TG-S01MSD

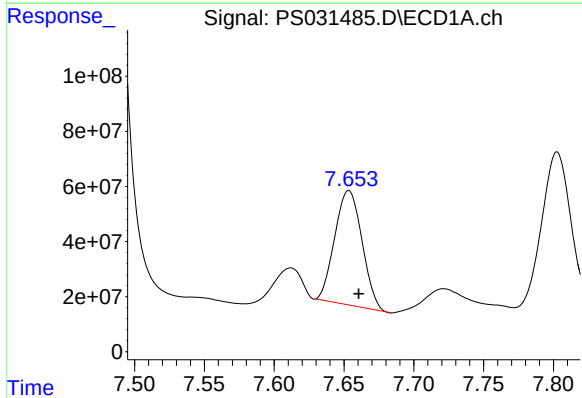
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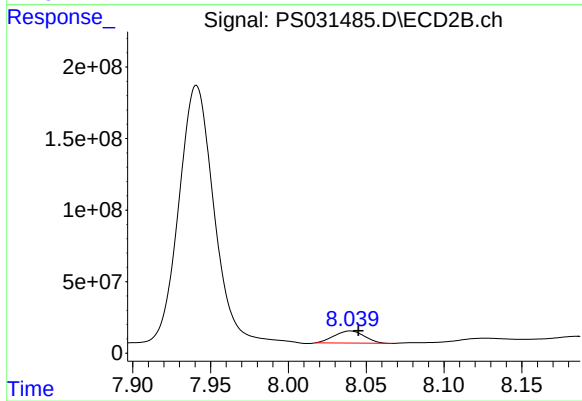
#5 DICAMBA

R.T.: 7.941 min
Delta R.T.: -0.006 min
Response: 2808933099
Conc: 494.30 ng/ml



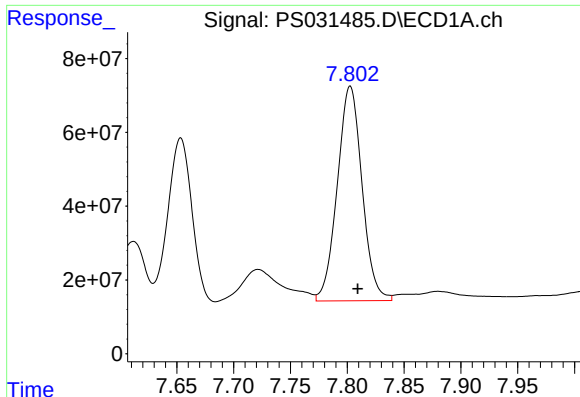
#6 MCP

R.T.: 7.653 min
Delta R.T.: -0.007 min
Response: 564929785
Conc: 70.22 ug/ml



#6 MCP

R.T.: 8.040 min
Delta R.T.: -0.005 min
Response: 112956775
Conc: 63.90 ug/ml



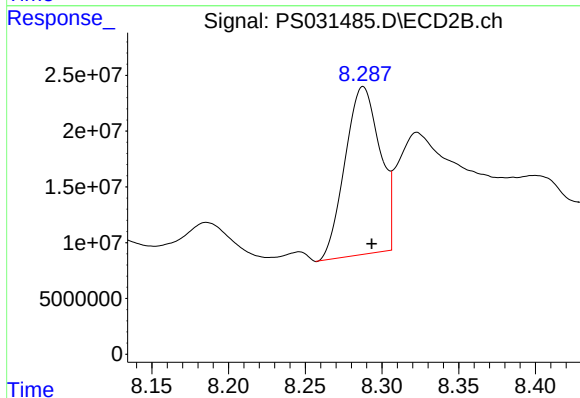
#7 MCPA

R.T.: 7.803 min
Delta R.T.: -0.007 min
Response: 882319933
Conc: 88.57 ug/ml

Instrument :
ECD_S
ClientSampleId :
TG-S01MSD

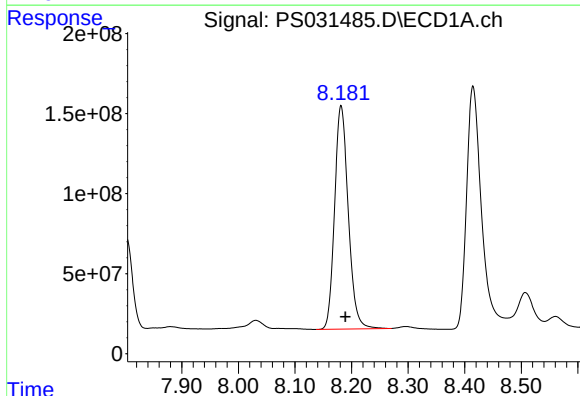
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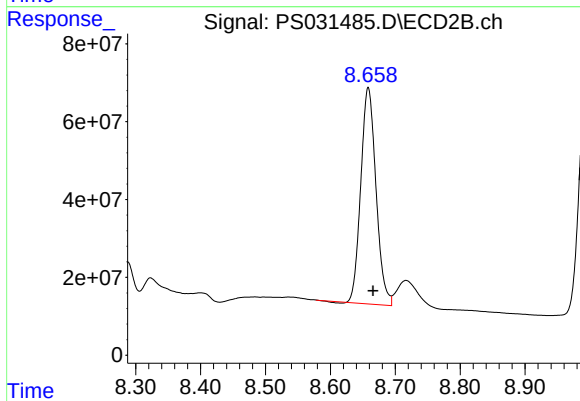
#7 MCPA

R.T.: 8.288 min
Delta R.T.: -0.006 min
Response: 238929620
Conc: 85.16 ug/ml



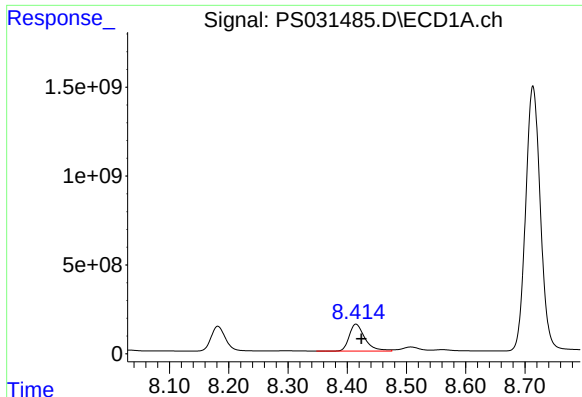
#8 DICHLORPROP

R.T.: 8.181 min
Delta R.T.: -0.008 min
Response: 2341851463
Conc: 738.19 ng/ml



#8 DICHLORPROP

R.T.: 8.658 min
Delta R.T.: -0.008 min
Response: 906271592
Conc: 678.84 ng/ml



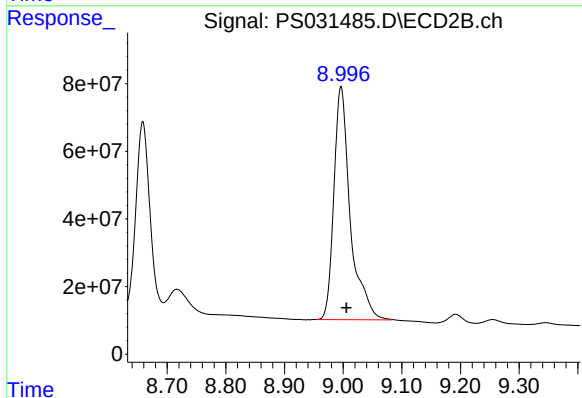
#9 2,4-D

R.T.: 8.415 min
Delta R.T.: -0.009 min
Response: 2783105818
Conc: 967.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
TG-S01MSD

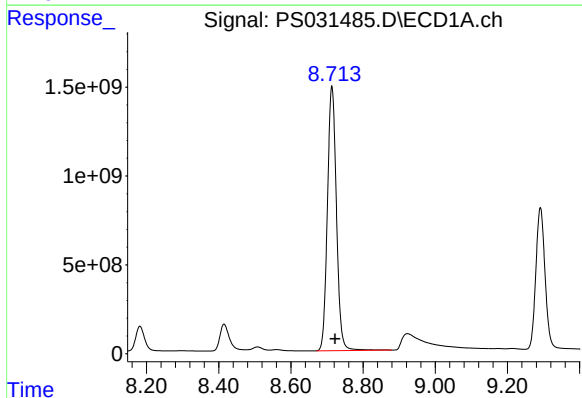
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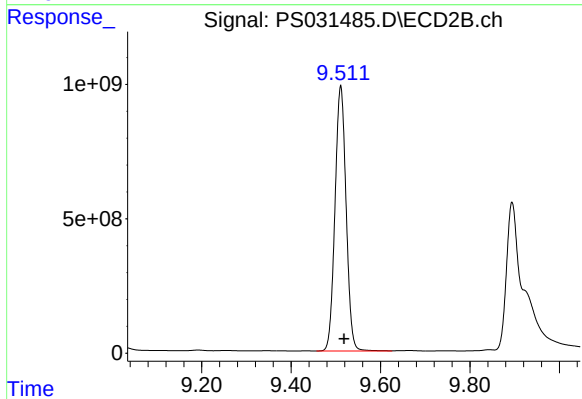
#9 2,4-D

R.T.: 8.996 min
Delta R.T.: -0.010 min
Response: 1339384856
Conc: 938.41 ng/ml m



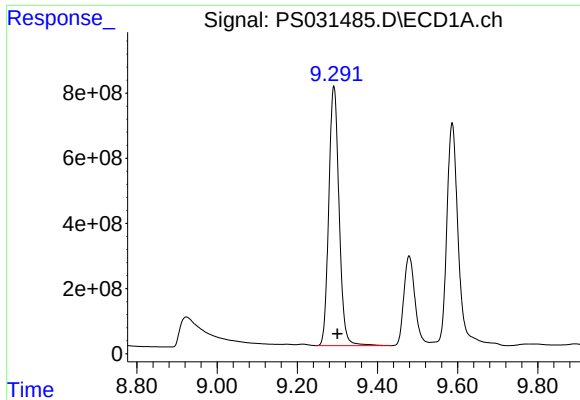
#10 Pentachlorophenol

R.T.: 8.714 min
Delta R.T.: -0.009 min
Response: 25764148088
Conc: 536.61 ng/ml



#10 Pentachlorophenol

R.T.: 9.511 min
Delta R.T.: -0.008 min
Response: 17011596049
Conc: 488.44 ng/ml



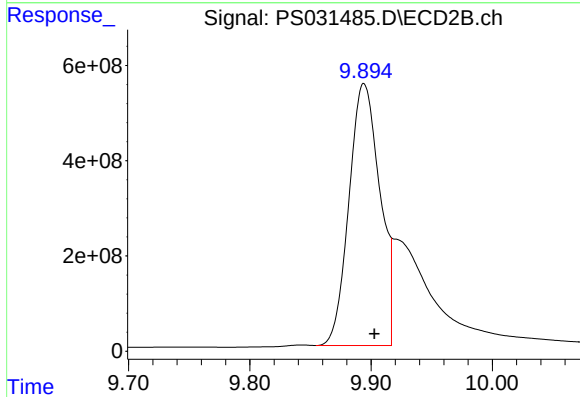
#11 2,4,5-TP (SILVEX)

R.T.: 9.291 min
Delta R.T.: -0.009 min
Response: 14184261178
Conc: 791.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
TG-S01MSD

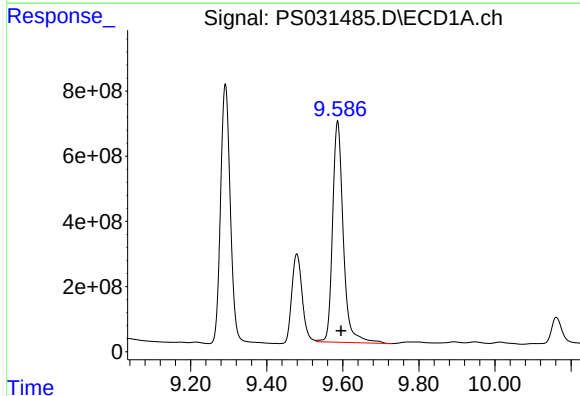
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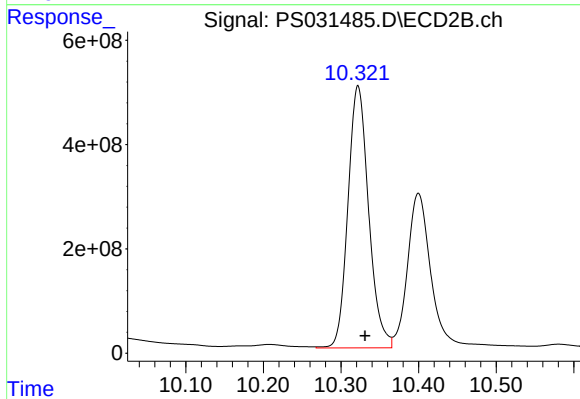
#11 2,4,5-TP (SILVEX)

R.T.: 9.894 min
Delta R.T.: -0.009 min
Response: 9859519675
Conc: 751.72 ng/ml m



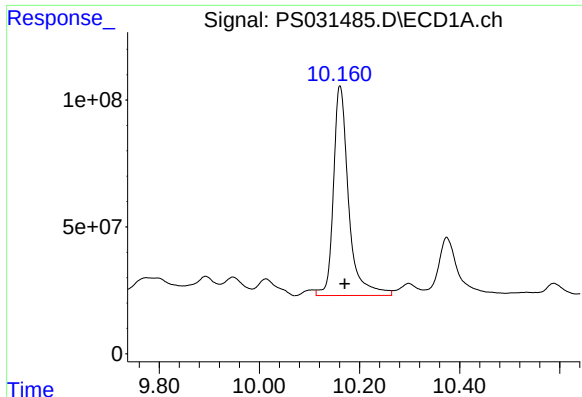
#12 2,4,5-T

R.T.: 9.586 min
Delta R.T.: -0.009 min
Response: 13342897941
Conc: 910.70 ng/ml



#12 2,4,5-T

R.T.: 10.322 min
Delta R.T.: -0.009 min
Response: 9314457746
Conc: 786.71 ng/ml



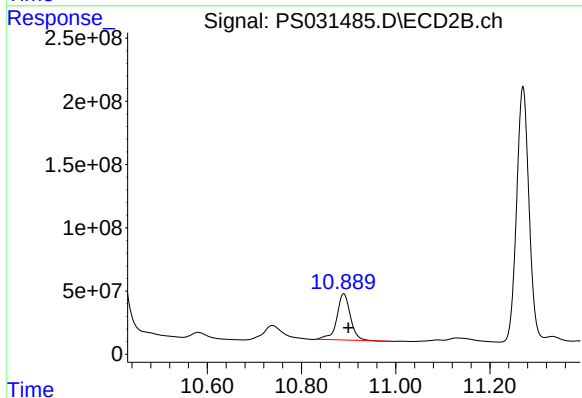
#13 2,4-DB

R.T.: 10.161 min
Delta R.T.: -0.009 min
Response: 1740439111
Conc: 905.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
TG-S01MSD

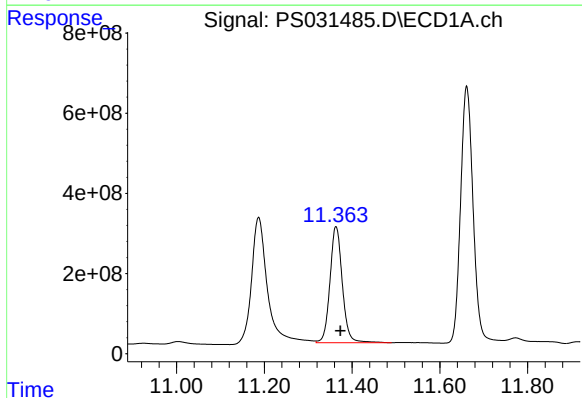
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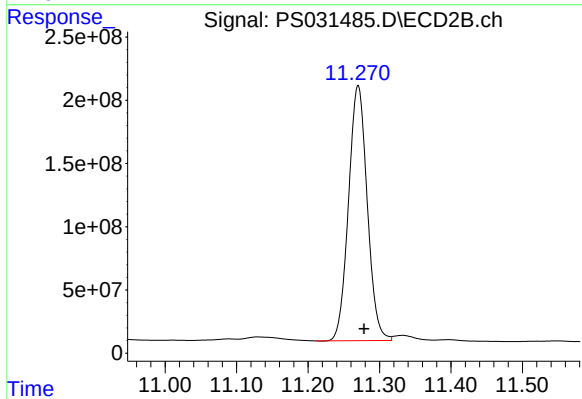
#13 2,4-DB

R.T.: 10.890 min
Delta R.T.: -0.010 min
Response: 727574470
Conc: 754.08 ng/ml



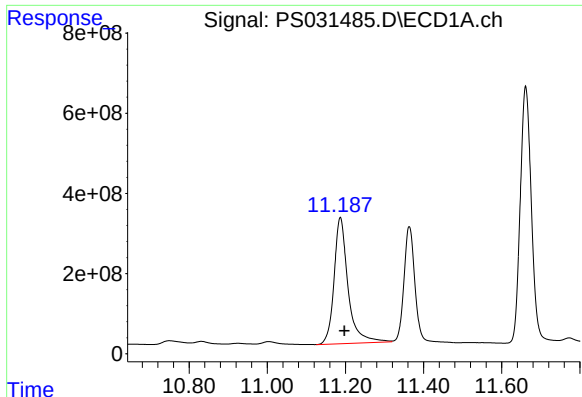
#14 DINOSEB

R.T.: 11.363 min
Delta R.T.: -0.010 min
Response: 5664605085
Conc: 446.79 ng/ml



#14 DINOSEB

R.T.: 11.270 min
Delta R.T.: -0.008 min
Response: 3670918123
Conc: 388.17 ng/ml



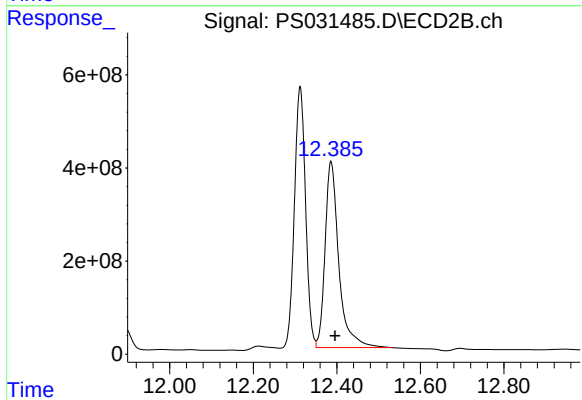
#15 Picloram

R.T.: 11.187 min
Delta R.T.: -0.010 min
Response: 7846835986
Conc: 601.10 ng/ml

Instrument :
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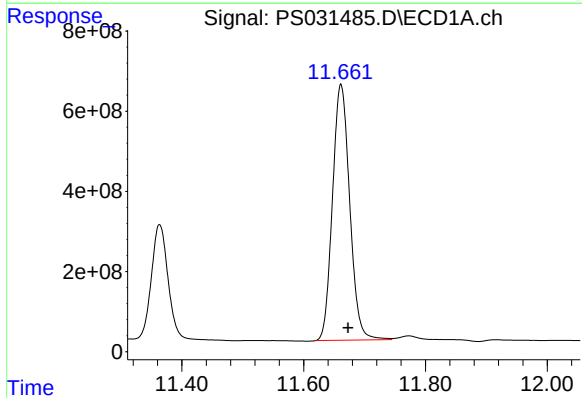
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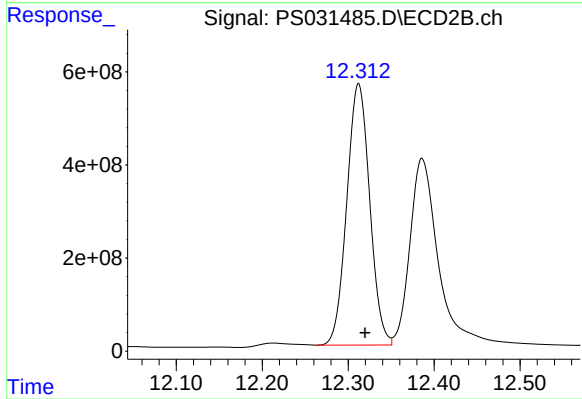
#15 Picloram

R.T.: 12.386 min
Delta R.T.: -0.009 min
Response: 9122530890
Conc: 520.40 ng/ml



#16 DCPA

R.T.: 11.661 min
Delta R.T.: -0.012 min
Response: 12527259102
Conc: 549.94 ng/ml



#16 DCPA

R.T.: 12.312 min
Delta R.T.: -0.008 min
Response: 10407091676
Conc: 528.27 ng/ml m