

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS092425\
 Data File : PS031833.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Sep 2025 19:29
 Operator : AR\AJ
 Sample : Q3159-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 VNJ-255MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/25/2025
 Supervised By : mohammad ahmed 09/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 01:58:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.277	7.741	1430.6E6	188.4E6	397.217	207.294 #
Target Compounds							
1) T	Dalapon	2.661	2.742f	1312.9E6	2268.8E6	227.117m	805.214m#
2) T	3,5-DICHL...	6.452	6.697	910.2E6	209.5E6	170.653	137.354
5) T	DICAMBA	7.466	7.938	3687.8E6	1782.7E6	236.447	273.973
6) T	MCP	7.641	8.042	58513668	14646694	6.546m	7.777
7) T	MCPA	7.792	8.280	183.3E6	29886643	16.497	10.669 #
8) T	DICHLORPROP	8.174	8.656	555.6E6	325.8E6	155.986m	223.935 #
9) T	2,4-D	8.406	8.996	1836.6E6	574.1E6	536.120m	348.994 #
10) T	Pentachlo...	8.705	9.507	1908.9E6	1274.9E6	35.954	32.122
11) T	2,4,5-TP ...	9.283	9.893	3669.9E6	2437.2E6	174.976	161.897
12) T	2,4,5-T	9.578	10.320	3809.2E6	2885.5E6	208.175m	214.425
13) T	2,4-DB	10.160	10.884	32857678	14038674	14.085m	13.120m
15) T	Picloram	11.177	12.381	4592.0E6	4417.6E6	254.952m	186.529m#
16) T	DCPA	11.649	12.305	8272.2E6	6885.2E6	306.948	285.645m

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

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Acq On : 24 Sep 2025 19:29
Operator : AR\AJ
Sample : Q3159-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

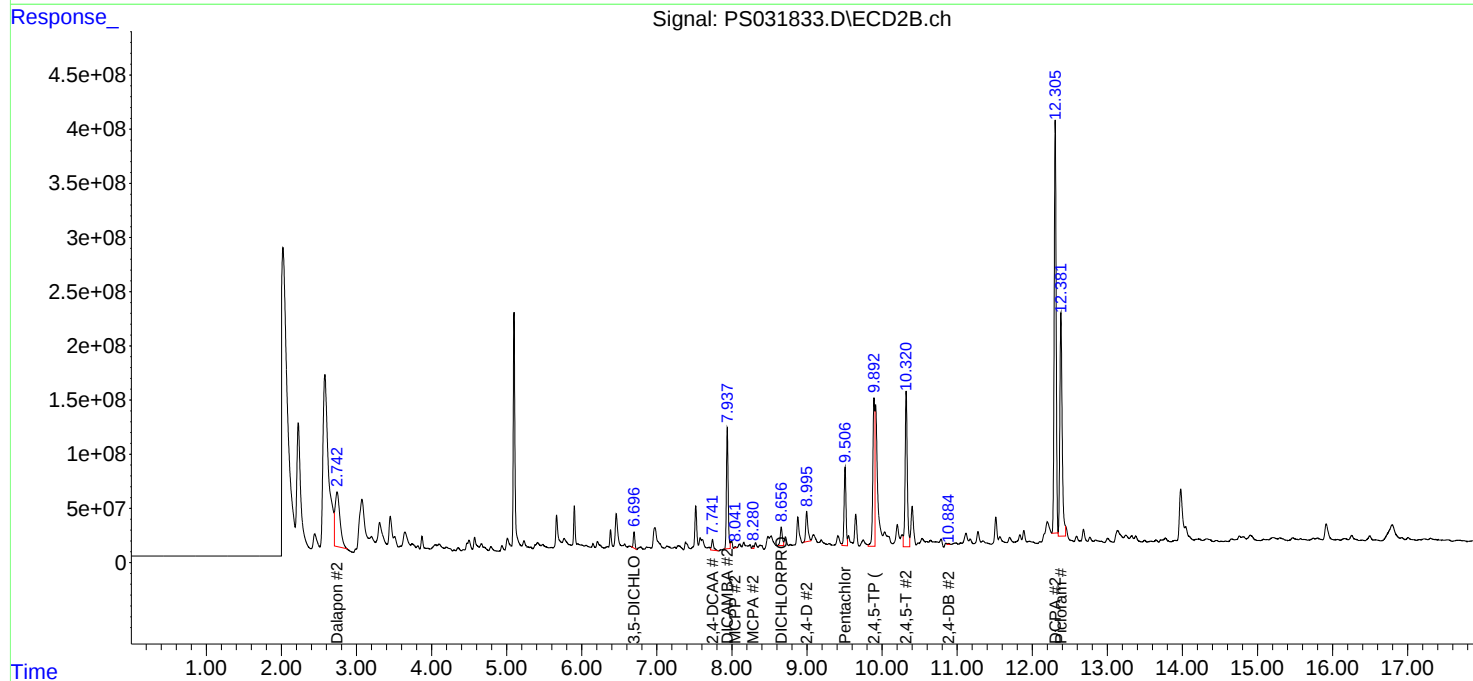
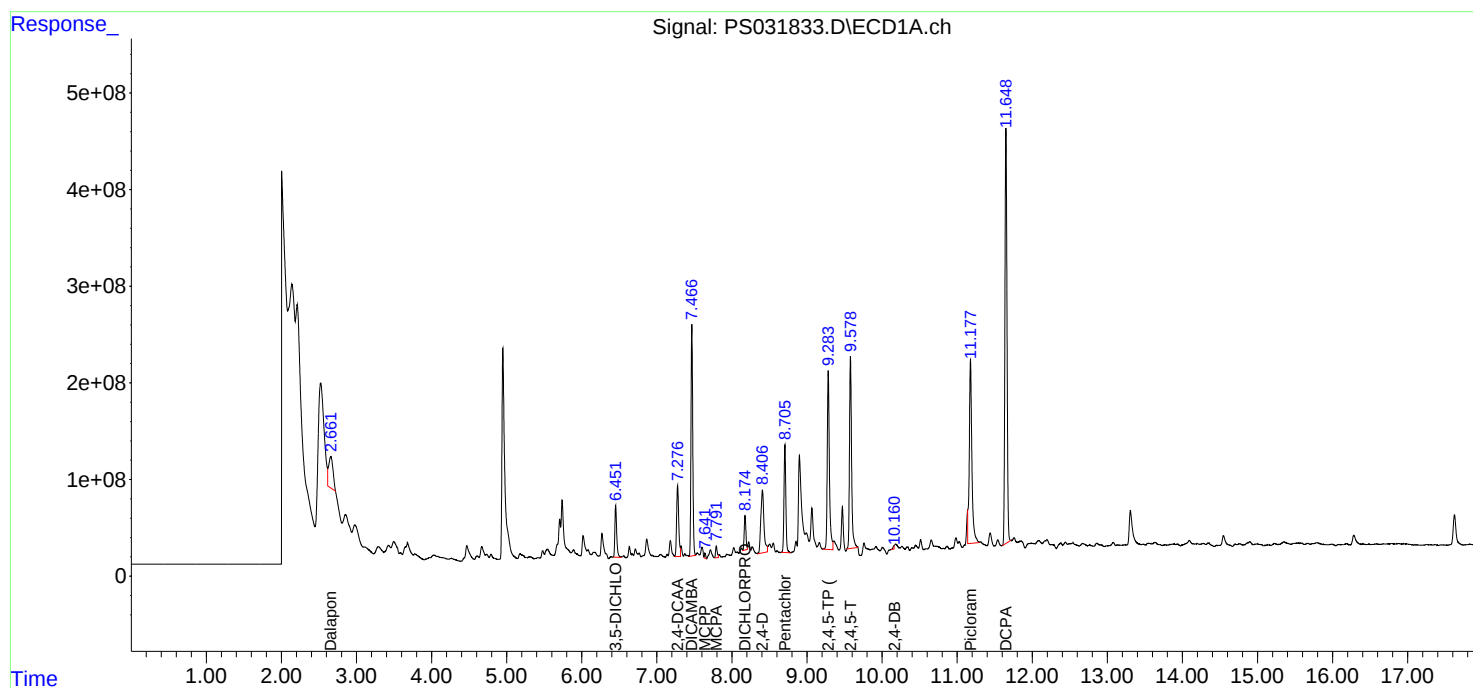
Instrument :
ECD_S
ClientSampleId :
VNJ-255MS

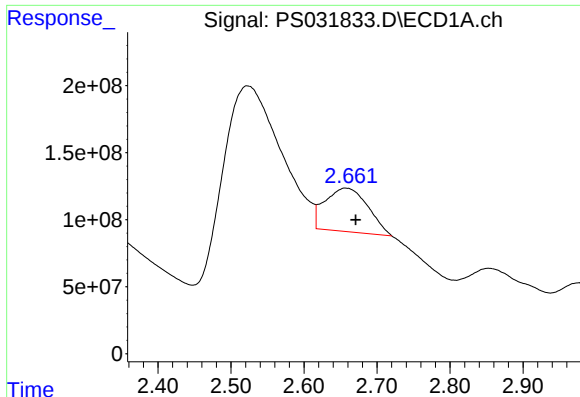
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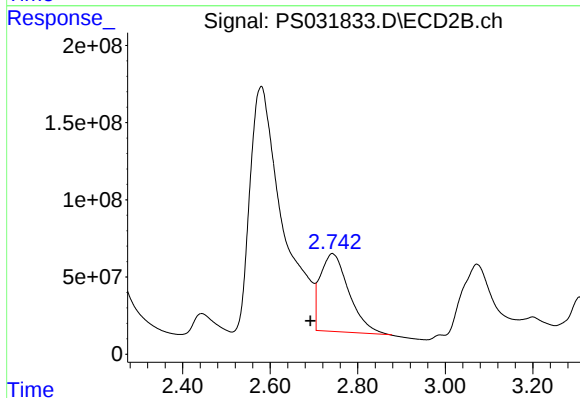
#1 Dalapon

R.T.: 2.661 min
Delta R.T.: -0.010 min
Response: 1312905652
Conc: 227.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-255MS

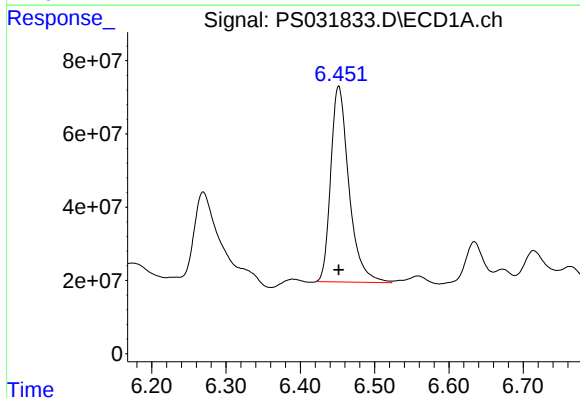
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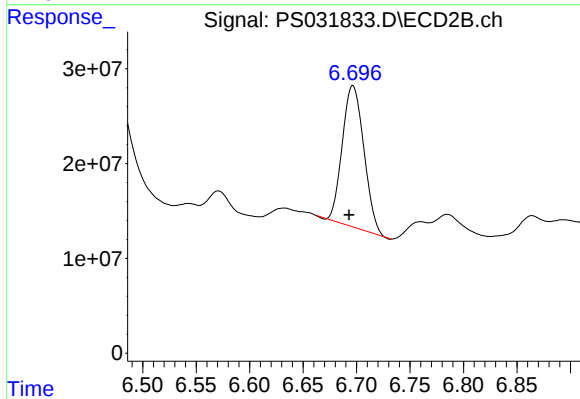
#1 Dalapon

R.T.: 2.742 min
Delta R.T.: 0.050 min
Response: 2268792204
Conc: 805.21 ng/ml m



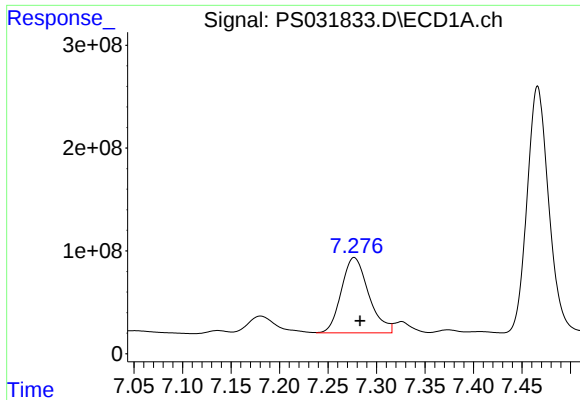
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 910154998
Conc: 170.65 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.697 min
Delta R.T.: 0.004 min
Response: 209459549
Conc: 137.35 ng/ml



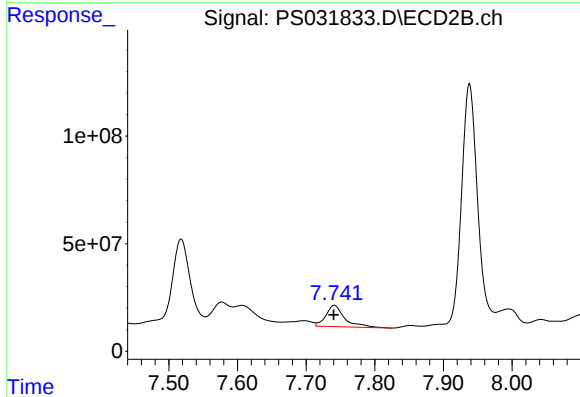
#4 2,4-DCAA

R.T.: 7.277 min
Delta R.T.: -0.006 min
Response: 1430589588
Conc: 397.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-255MS

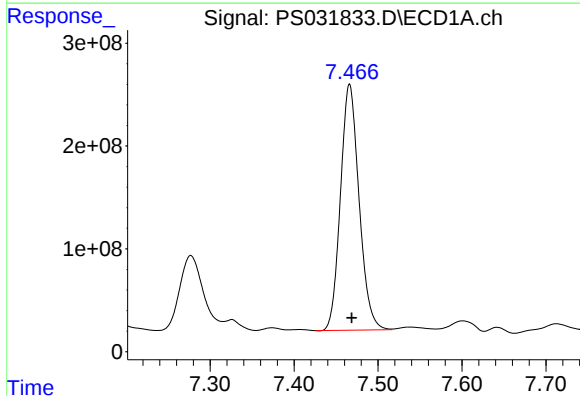
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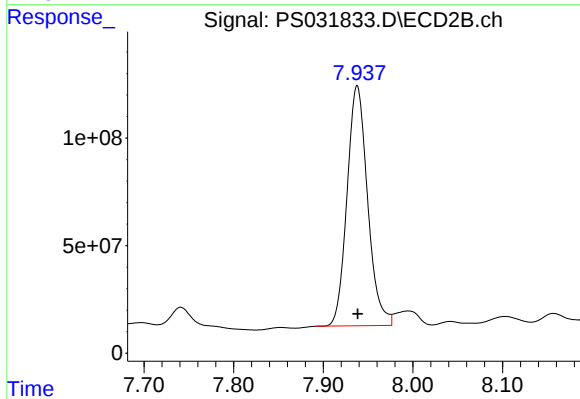
#4 2,4-DCAA

R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 188409781
Conc: 207.29 ng/ml



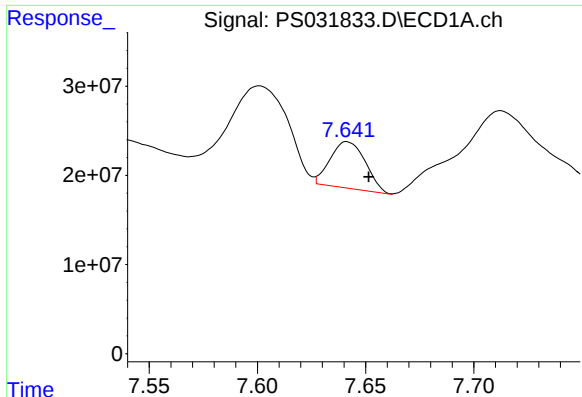
#5 DICAMBA

R.T.: 7.466 min
Delta R.T.: -0.003 min
Response: 3687798492
Conc: 236.45 ng/ml



#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 1782702798
Conc: 273.97 ng/ml



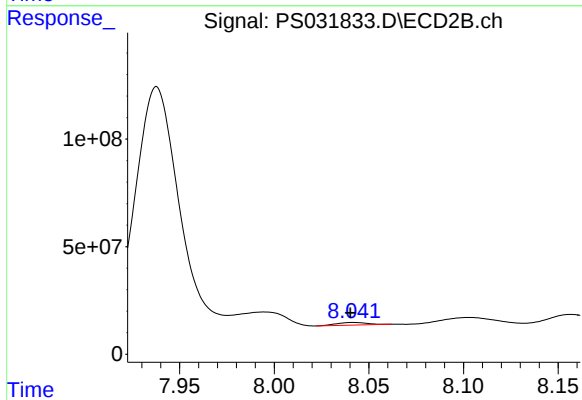
#6 MCPP

R.T.: 7.641 min
Delta R.T.: -0.011 min
Response: 58513668
Conc: 6.55 ug/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-255MS

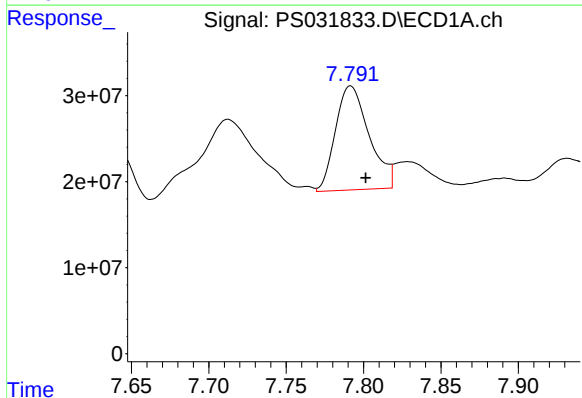
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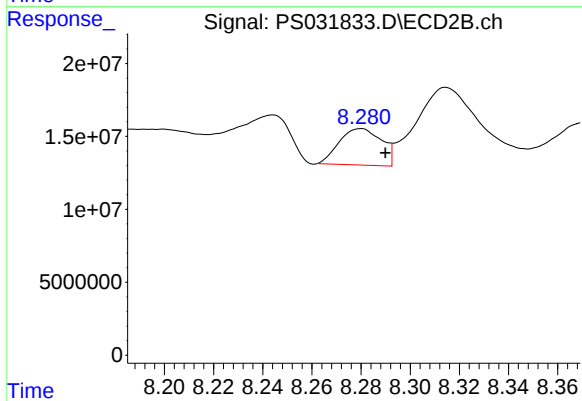
#6 MCPP

R.T.: 8.042 min
Delta R.T.: 0.002 min
Response: 14646694
Conc: 7.78 ug/ml



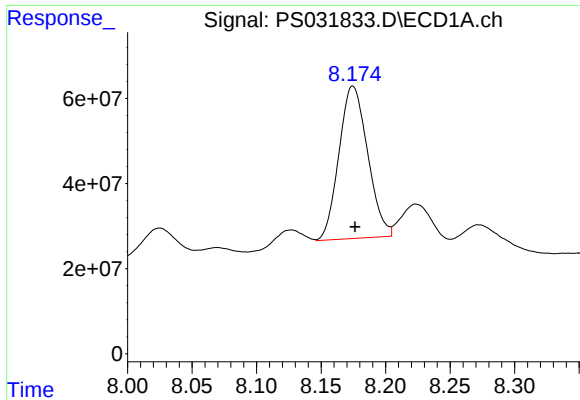
#7 MCPA

R.T.: 7.792 min
Delta R.T.: -0.010 min
Response: 183288471
Conc: 16.50 ug/ml



#7 MCPA

R.T.: 8.280 min
Delta R.T.: -0.010 min
Response: 29886643
Conc: 10.67 ug/ml



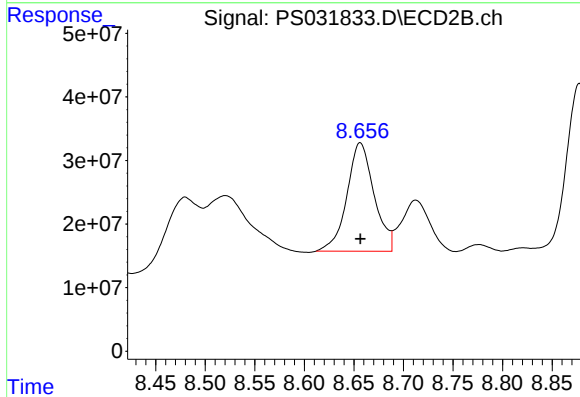
#8 DICHLORPROP

R.T.: 8.174 min
Delta R.T.: -0.002 min
Response: 555583861
Conc: 155.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-255MS

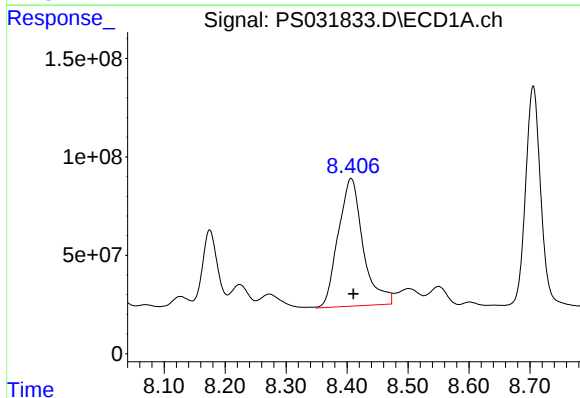
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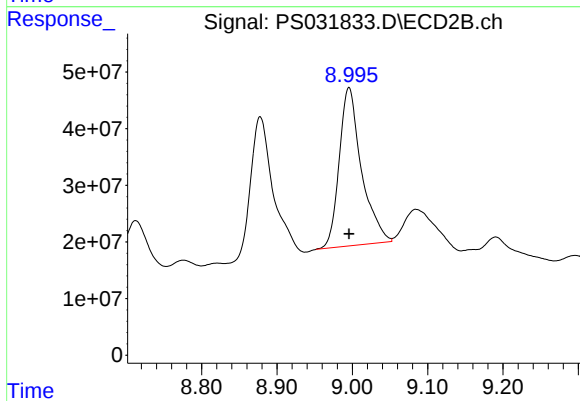
#8 DICHLORPROP

R.T.: 8.656 min
Delta R.T.: 0.000 min
Response: 325839472
Conc: 223.94 ng/ml



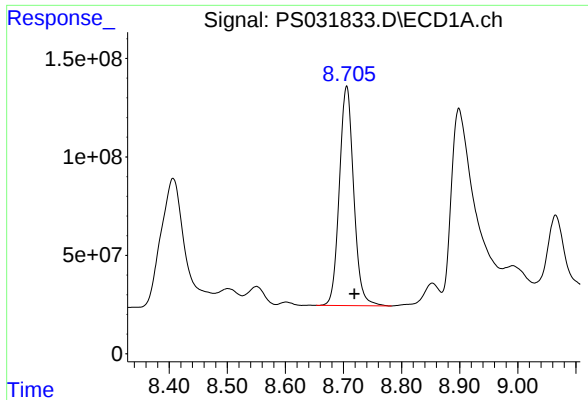
#9 2,4-D

R.T.: 8.406 min
Delta R.T.: -0.005 min
Response: 1836555364
Conc: 536.12 ng/ml m



#9 2,4-D

R.T.: 8.996 min
Delta R.T.: 0.000 min
Response: 574133803
Conc: 348.99 ng/ml



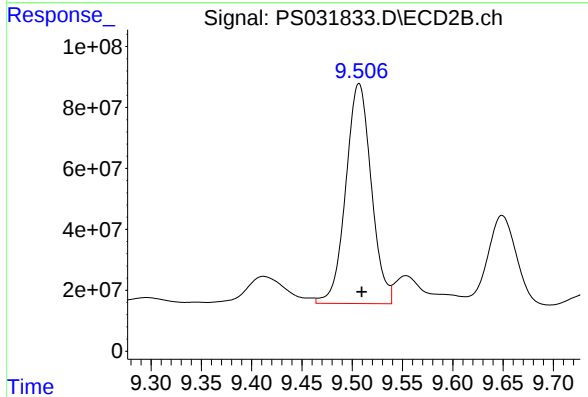
#10 Pentachlorophenol

R.T.: 8.705 min
Delta R.T.: -0.013 min
Response: 1908940652
Conc: 35.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-255MS

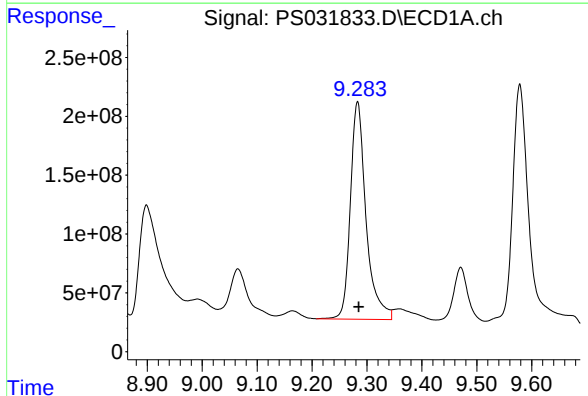
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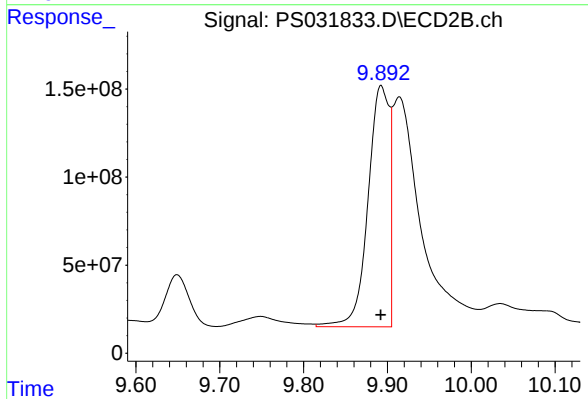
#10 Pentachlorophenol

R.T.: 9.507 min
Delta R.T.: -0.003 min
Response: 1274945540
Conc: 32.12 ng/ml



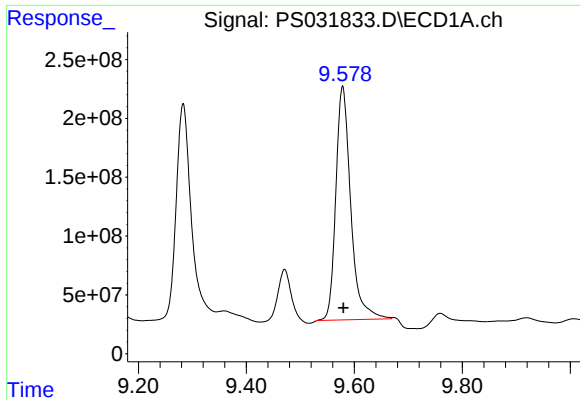
#11 2,4,5-TP (SILVEX)

R.T.: 9.283 min
Delta R.T.: -0.002 min
Response: 3669882974
Conc: 174.98 ng/ml



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

R.T.: 9.893 min
Delta R.T.: 0.001 min
Response: 2437244125
Conc: 161.90 ng/ml



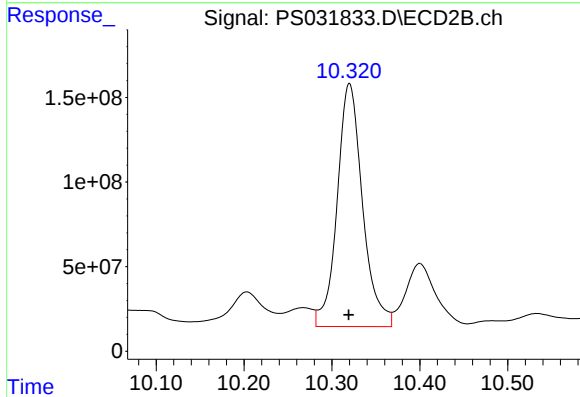
#12 2,4,5-T

R.T.: 9.578 min
Delta R.T.: -0.002 min
Response: 3809218285
Conc: 208.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-255MS

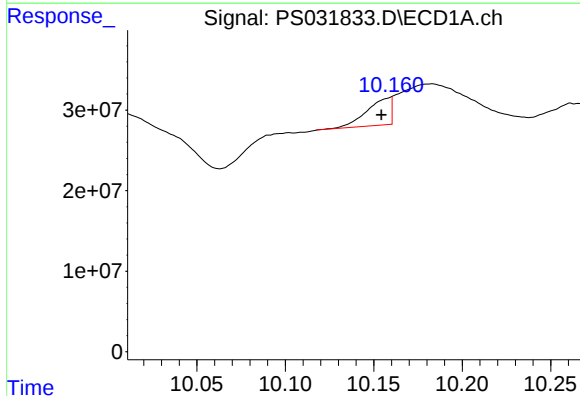
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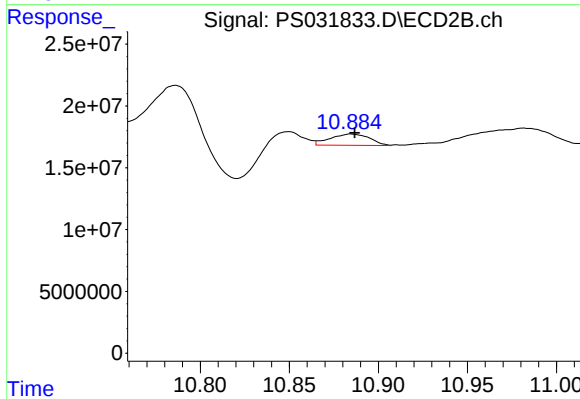
#12 2,4,5-T

R.T.: 10.320 min
Delta R.T.: 0.000 min
Response: 2885522352
Conc: 214.43 ng/ml



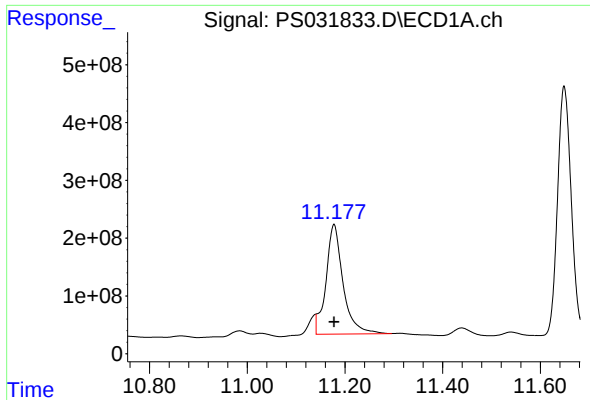
#13 2,4-DB

R.T.: 10.160 min
Delta R.T.: 0.006 min
Response: 32857678
Conc: 14.09 ng/ml m



#13 2,4-DB

R.T.: 10.884 min
Delta R.T.: -0.003 min
Response: 14038674
Conc: 13.12 ng/ml m



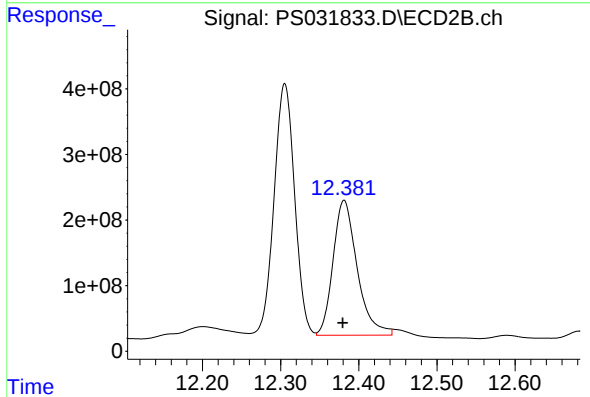
#15 Picloram

R.T.: 11.177 min
Delta R.T.: 0.000 min
Response: 4591955629
Conc: 254.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-255MS

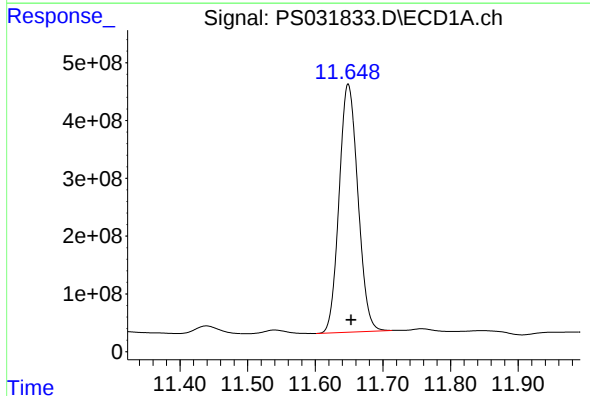
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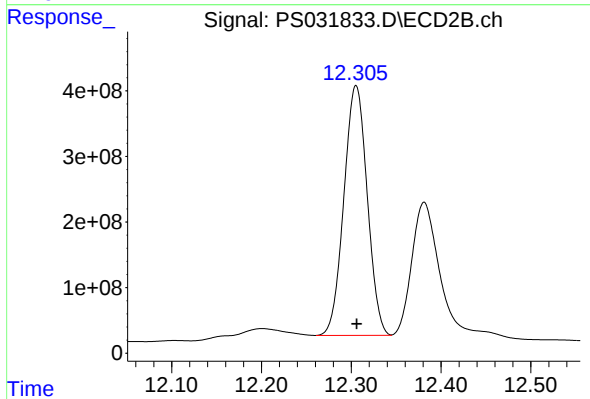
#15 Picloram

R.T.: 12.381 min
Delta R.T.: 0.001 min
Response: 4417608392
Conc: 186.53 ng/ml m



#16 DCPA

R.T.: 11.649 min
Delta R.T.: -0.004 min
Response: 8272212558
Conc: 306.95 ng/ml



#16 DCPA

R.T.: 12.305 min
Delta R.T.: -0.001 min
Response: 6885221999
Conc: 285.65 ng/ml m