

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS092225\
 Data File : PS031803.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 01:29
 Operator : AR\AJ
 Sample : Q3133-07MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 VNJ-210MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/24/2025
 Supervised By : mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 06:48:47 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	7.274	7.743	700.5E6	80565818	194.498m	88.641 #
Target Compounds							
1) T	Dalapon	2.657	2.675	456.9E6	221.2E6	79.041m	78.488m
2) T	3,5-DICHL...	6.452	6.698	437.1E6	84343009	81.947	55.308m#
3) T	4-Nitroph...	7.082	7.284	7602437	4897855	6.891m	3.879m#
5) T	DICAMBA	7.466	7.939	2027.7E6	935.1E6	130.006	143.711
6) T	MCPD	7.641	8.026	37349447	2018845	4.178m	1.072m#
7) T	MCPA	7.793	8.276	50743607	17402098	4.567	6.212m#
8) T	DICHLORPROP	8.176	8.657	403.2E6	213.8E6	113.209	146.949 #
9) T	2,4-D	8.412	8.998	585.5E6	224.5E6	170.925	136.495m
10) T	Pentachlo...	8.706	9.507	1271.8E6	948.1E6	23.954	23.886
11) T	2,4,5-TP ...	9.282	9.914	2804.2E6	7768.4E6	133.699	516.028 #
12) T	2,4,5-T	9.577	10.321	2687.5E6	2041.7E6	146.874m	151.719
13) T	2,4-DB	10.176	10.885	13603264	11855783	5.831m	11.080m#
14) T	DINOSEB	11.350	11.276	22686941	558.1E6	1.573m	57.410 #
15) T	Picloram	11.180	12.385	2010.4E6	1802.8E6	111.622	76.122 #
16) T	DCPA	11.649	12.306	5011.8E6	4127.0E6	185.969	171.214

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

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ALS Vial : 22 Sample Multiplier: 1

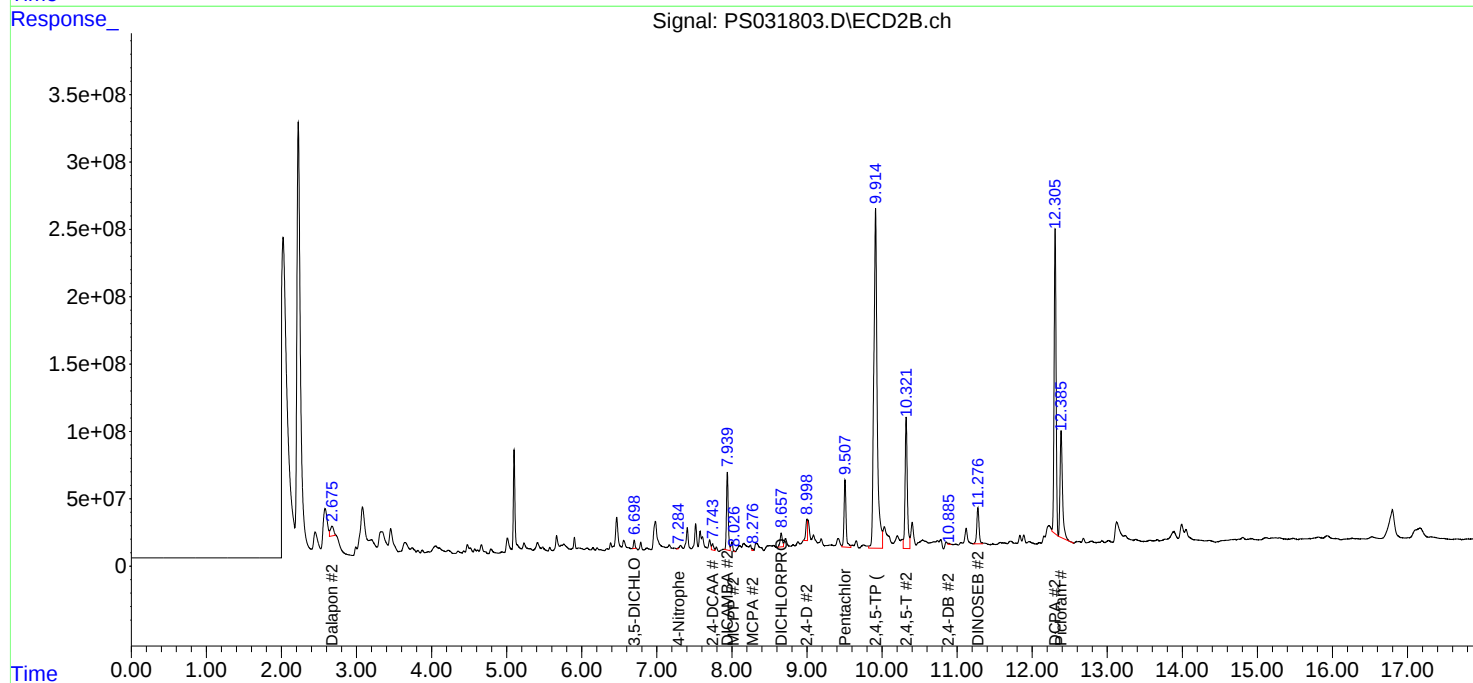
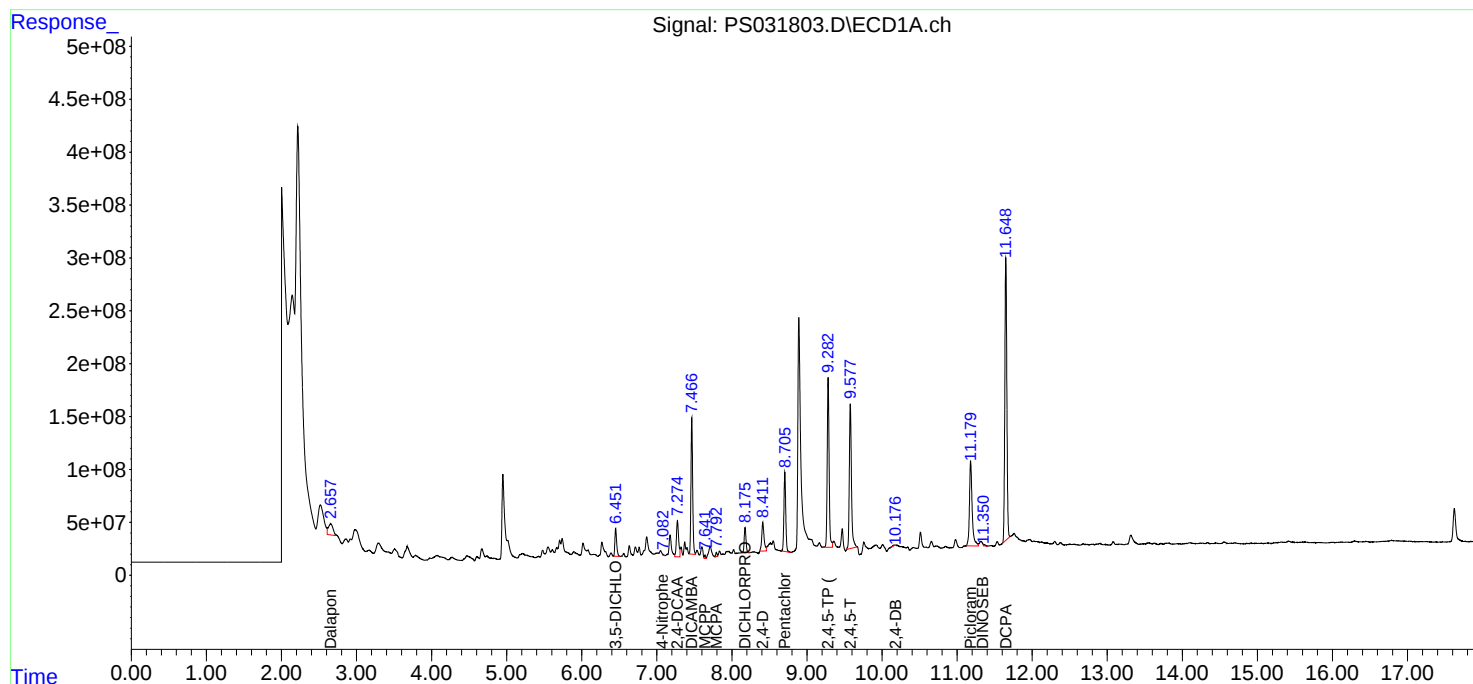
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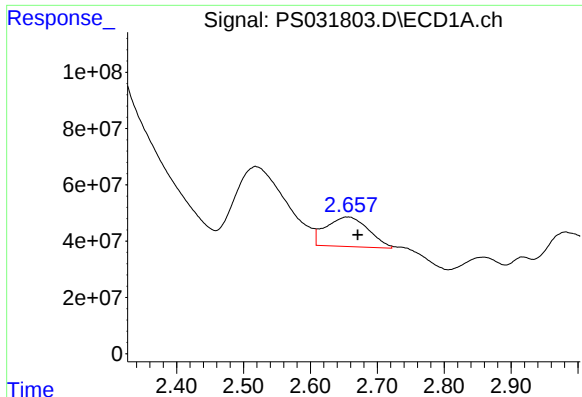
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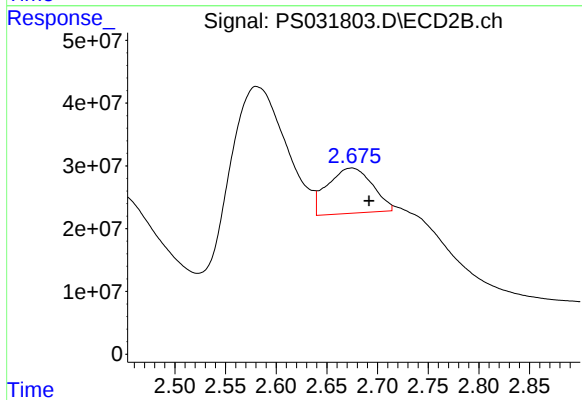
#1 Dalapon

R.T.: 2.657 min
Delta R.T.: -0.014 min
Response: 456913130
Conc: 79.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-210MS

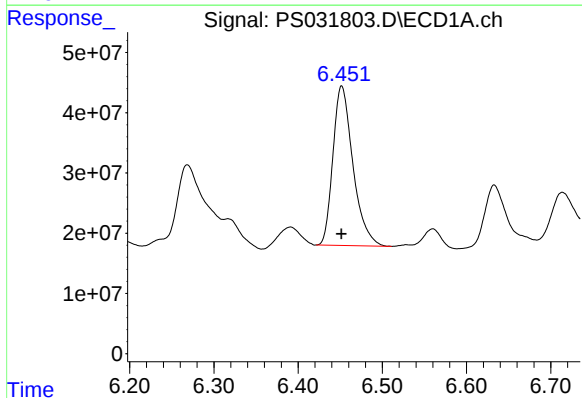
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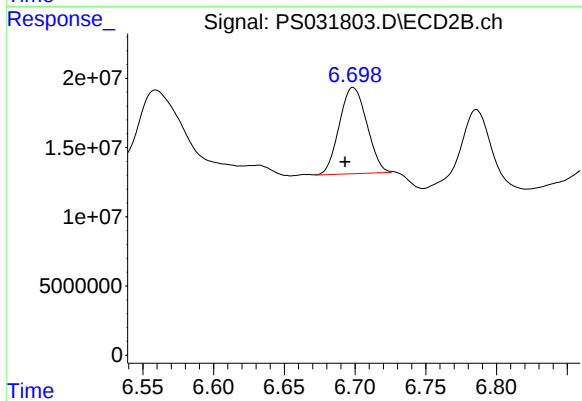
#1 Dalapon

R.T.: 2.675 min
Delta R.T.: -0.017 min
Response: 221150258
Conc: 78.49 ng/ml m



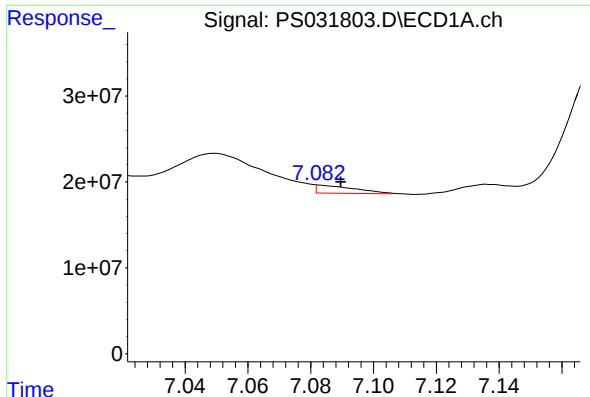
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 437050865
Conc: 81.95 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.698 min
Delta R.T.: 0.005 min
Response: 84343009
Conc: 55.31 ng/ml m



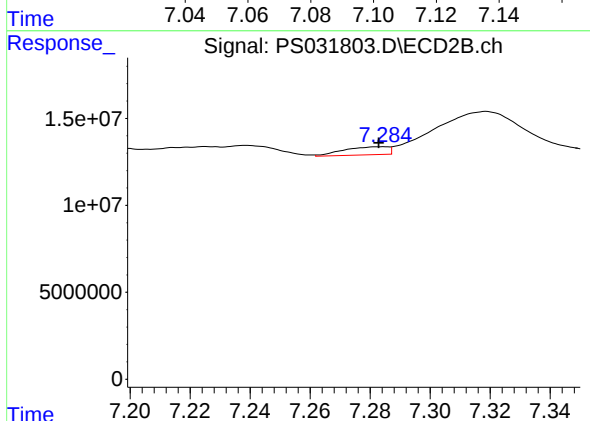
#3 4-Nitrophenol

R.T.: 7.082 min
Delta R.T.: -0.008 min
Response: 7602437
Conc: 6.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-210MS

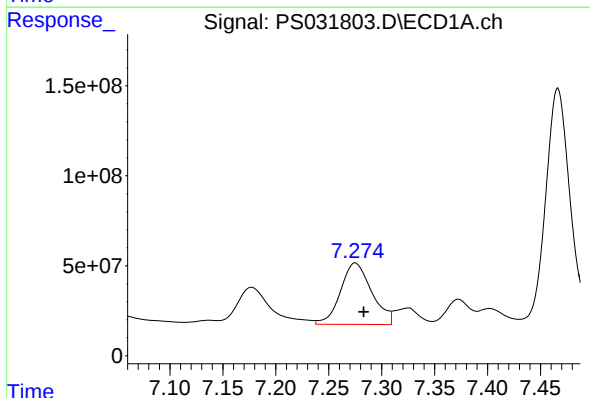
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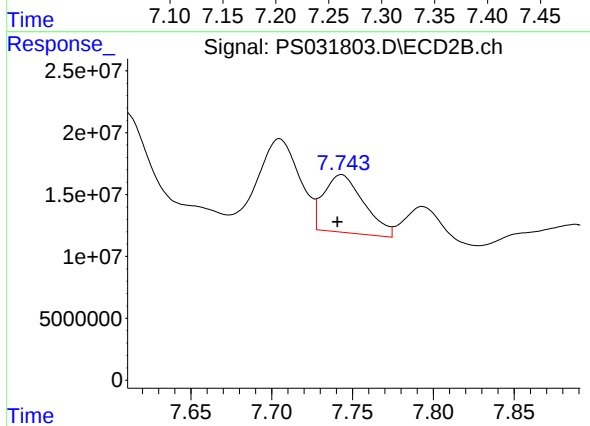
#3 4-Nitrophenol

R.T.: 7.284 min
Delta R.T.: 0.001 min
Response: 4897855
Conc: 3.88 ng/ml m



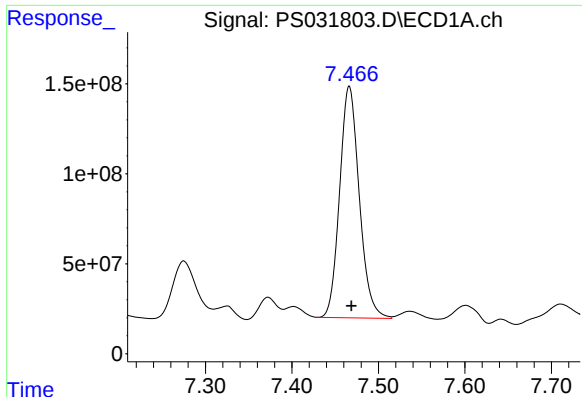
#4 2,4-DCAA

R.T.: 7.274 min
Delta R.T.: -0.009 min
Response: 700489413
Conc: 194.50 ng/ml m



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: 0.003 min
Response: 80565818
Conc: 88.64 ng/ml



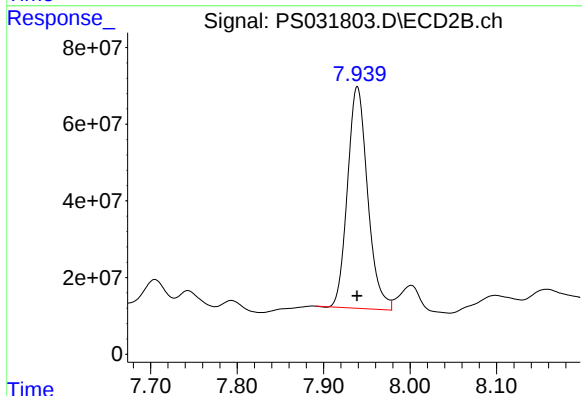
#5 DICAMBA

R.T.: 7.466 min
Delta R.T.: -0.002 min
Response: 2027664260
Conc: 130.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-210MS

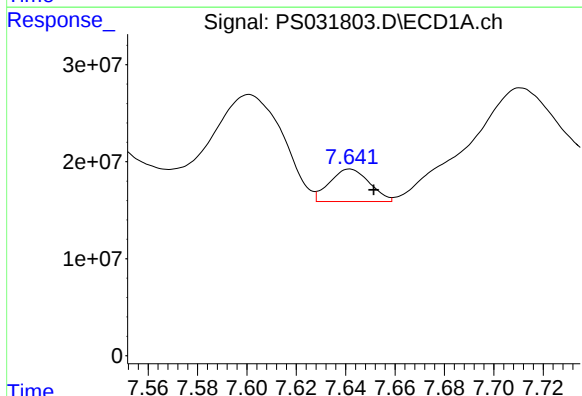
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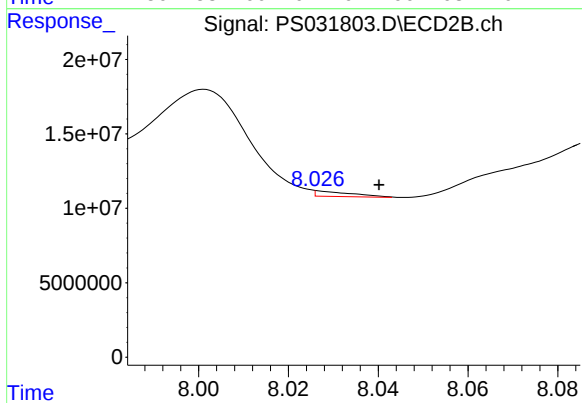
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 935104811
Conc: 143.71 ng/ml



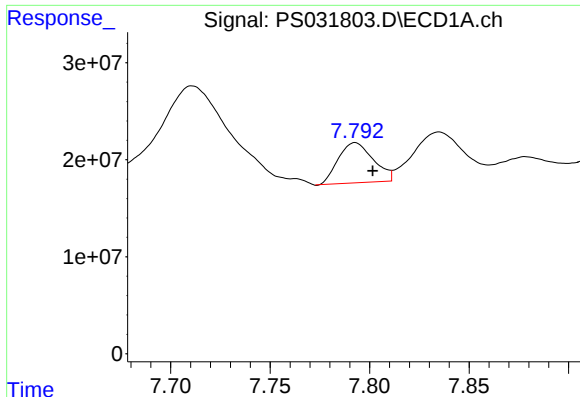
#6 MCPP

R.T.: 7.641 min
Delta R.T.: -0.010 min
Response: 37349447
Conc: 4.18 ug/ml m



#6 MCPP

R.T.: 8.026 min
Delta R.T.: -0.014 min
Response: 2018845
Conc: 1.07 ug/ml m



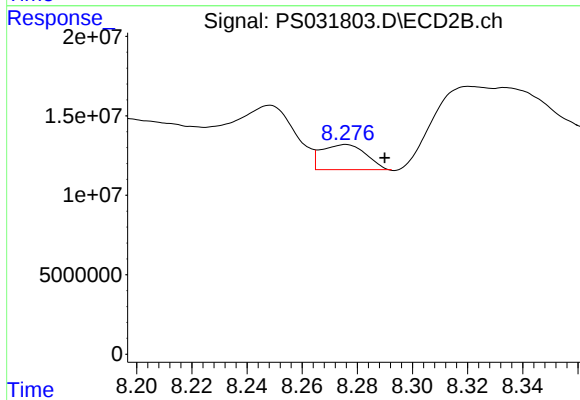
#7 MCPA

R.T.: 7.793 min
Delta R.T.: -0.009 min
Response: 50743607
Conc: 4.57 ug/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-210MS

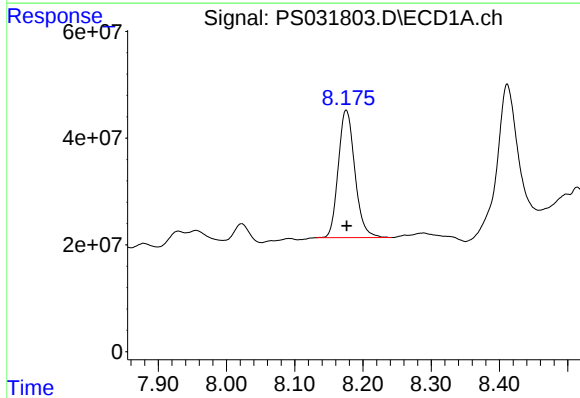
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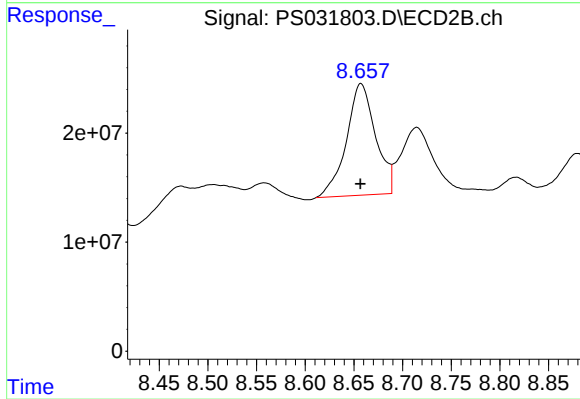
#7 MCPA

R.T.: 8.276 min
Delta R.T.: -0.014 min
Response: 17402098
Conc: 6.21 ug/ml m



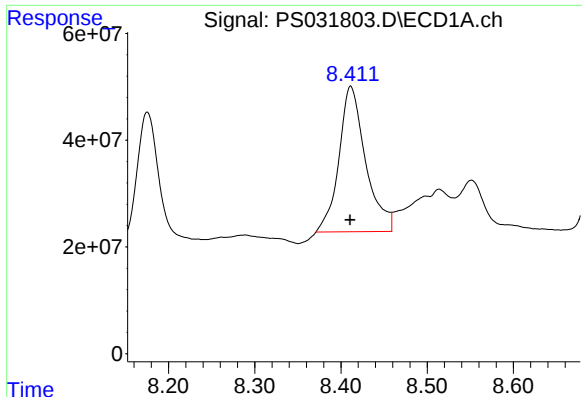
#8 DICHLORPROP

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 403222019
Conc: 113.21 ng/ml



#8 DICHLORPROP

R.T.: 8.657 min
Delta R.T.: 0.000 min
Response: 213819162
Conc: 146.95 ng/ml



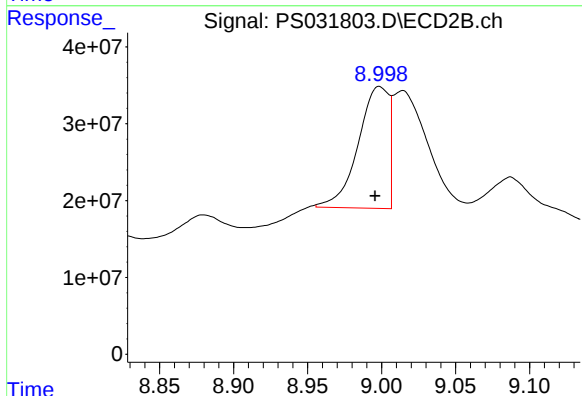
#9 2,4-D

R.T.: 8.412 min
Delta R.T.: 0.001 min
Response: 585526121
Conc: 170.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-210MS

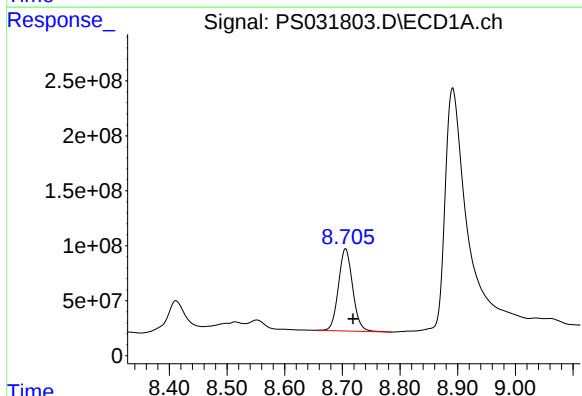
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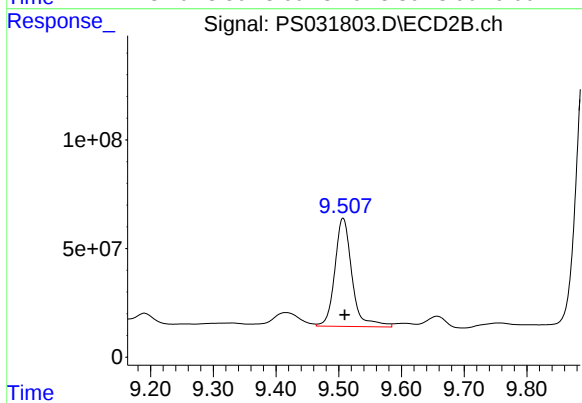
#9 2,4-D

R.T.: 8.998 min
Delta R.T.: 0.002 min
Response: 224548574
Conc: 136.49 ng/ml m



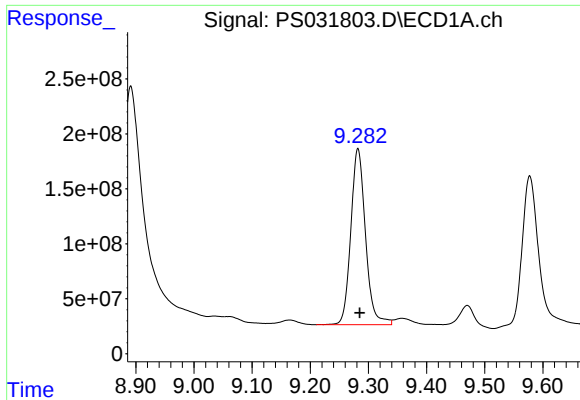
#10 Pentachlorophenol

R.T.: 8.706 min
Delta R.T.: -0.013 min
Response: 1271833449
Conc: 23.95 ng/ml



#10 Pentachlorophenol

R.T.: 9.507 min
Delta R.T.: -0.003 min
Response: 948065655
Conc: 23.89 ng/ml



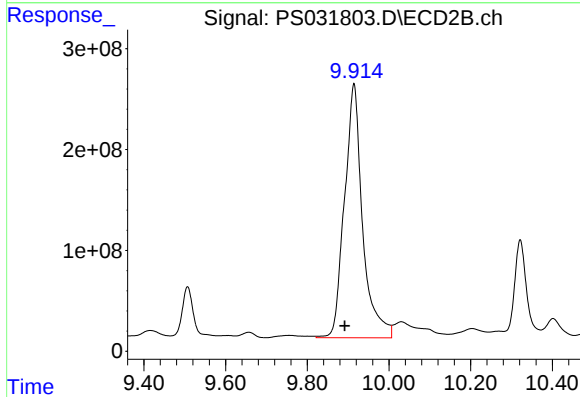
#11 2,4,5-TP (SILVEX)

R.T.: 9.282 min
Delta R.T.: -0.003 min
Response: 2804163505
Conc: 133.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
VNJ-210MS

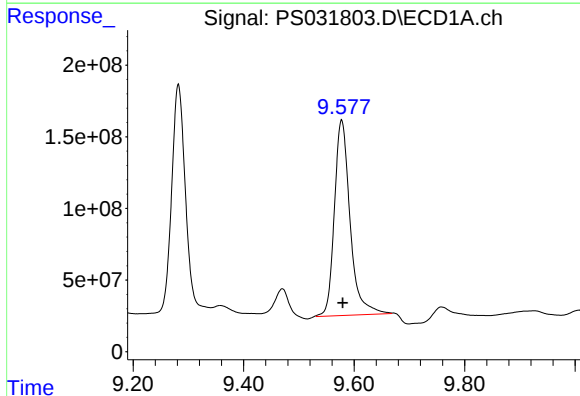
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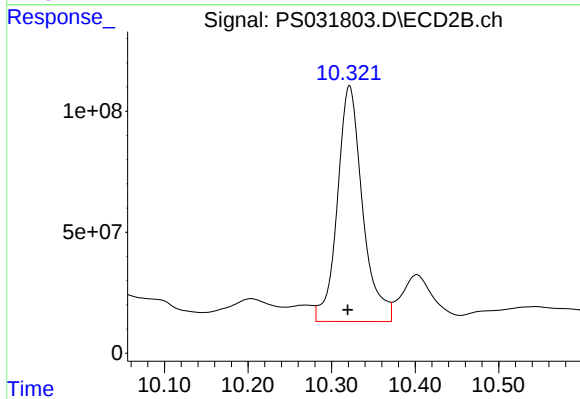
#11 2,4,5-TP (SILVEX)

R.T.: 9.914 min
Delta R.T.: 0.022 min
Response: 7768446180
Conc: 516.03 ng/ml



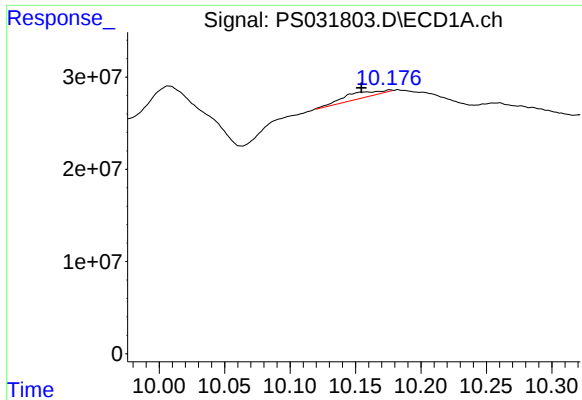
#12 2,4,5-T

R.T.: 9.577 min
Delta R.T.: -0.003 min
Response: 2687517825
Conc: 146.87 ng/ml m



#12 2,4,5-T

R.T.: 10.321 min
Delta R.T.: 0.002 min
Response: 2041679566
Conc: 151.72 ng/ml



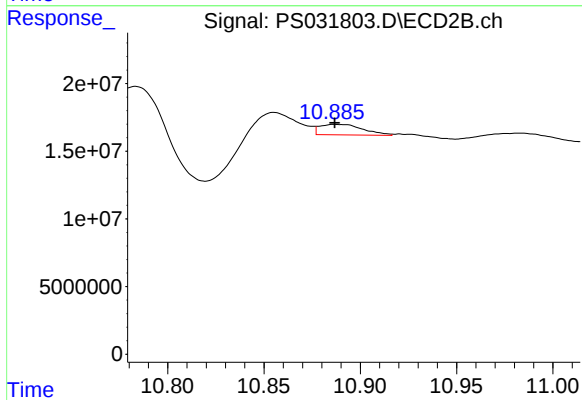
#13 2,4-DB

R.T.: 10.176 min
Delta R.T.: 0.021 min
Response: 13603264
Conc: 5.83 ng/ml

Instrument :
ECD_S
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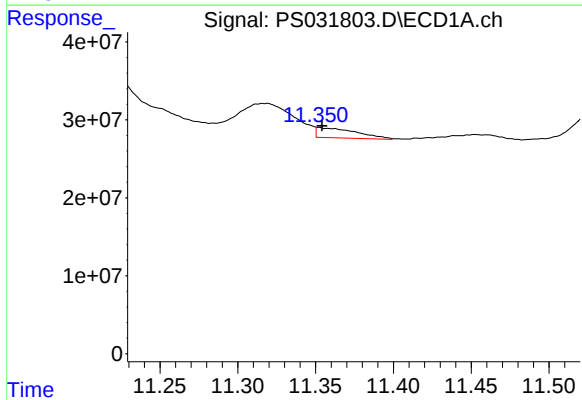
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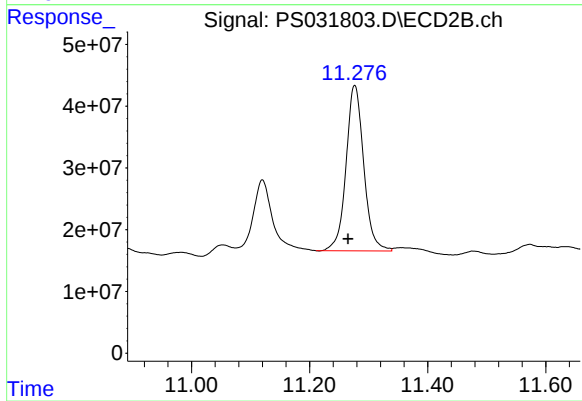
#13 2,4-DB

R.T.: 10.885 min
Delta R.T.: -0.001 min
Response: 11855783
Conc: 11.08 ng/ml m



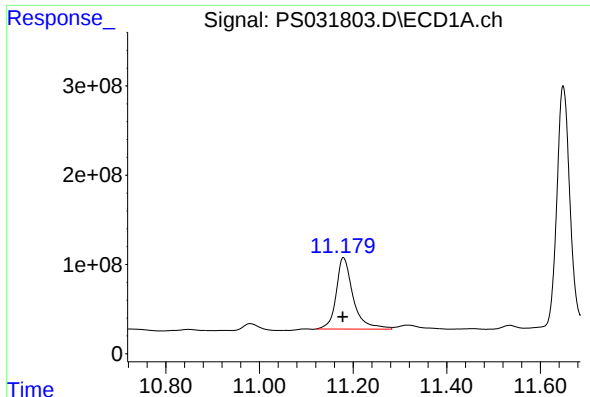
#14 DINOSEB

R.T.: 11.350 min
Delta R.T.: -0.004 min
Response: 22686941
Conc: 1.57 ng/ml m



#14 DINOSEB

R.T.: 11.276 min
Delta R.T.: 0.011 min
Response: 558067254
Conc: 57.41 ng/ml



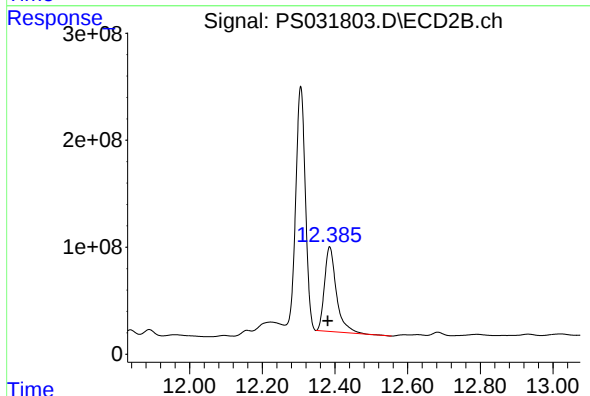
#15 Picloram

R.T.: 11.180 min
Delta R.T.: 0.002 min
Response: 2010431741
Conc: 111.62 ng/ml

Instrument :
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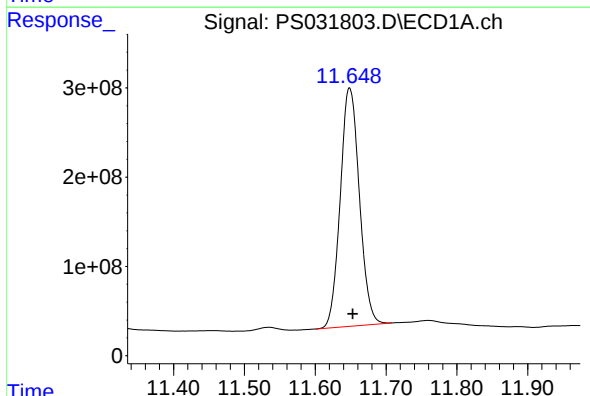
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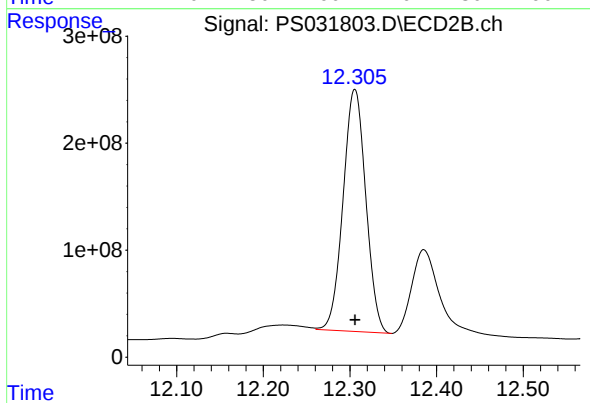
#15 Picloram

R.T.: 12.385 min
Delta R.T.: 0.006 min
Response: 1802818301
Conc: 76.12 ng/ml



#16 DCPA

R.T.: 11.649 min
Delta R.T.: -0.004 min
Response: 5011835363
Conc: 185.97 ng/ml



#16 DCPA

R.T.: 12.306 min
Delta R.T.: 0.000 min
Response: 4126954209
Conc: 171.21 ng/ml