

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062325\
 Data File : PS030797.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jun 2025 13:59
 Operator : AR\AJ
 Sample : Q2126-03
 Misc : MDL SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MDL-SOIL-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/24/2025
 Supervised By :mohammad ahmed 06/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 24 01:52:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 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	7.344	7.764	487.7E6	191.1E6	132.719m	178.302m#
Target Compounds						
1) T Dalapon	2.705	2.704	521.8E6	304.9E6	87.464	111.201 #
2) T 3,5-DICHL...	6.504	6.710	642.4E6	184.8E6	119.465	114.557
3) T 4-Nitroph...	7.145	7.298	185.2E6	177.8E6	117.477	102.592
5) T DICAMBA	7.536	7.966	1742.7E6	669.5E6	114.540	102.170
6) T MCPP	7.714	8.060	61114776	15402348	6.510	7.344m
7) T MCPA	7.863	8.308	96635931	21670577	8.238	6.889
8) T DICHLORPROP	8.249	8.685	466.3E6	183.4E6	124.487m	116.637
9) T 2,4-D	8.483	9.022	396.7E6	195.7E6	115.183m	115.133
10) T Pentachlo...	8.789	9.545	6353.6E6	4028.1E6	120.049	105.664
11) T 2,4,5-TP ...	9.370	9.927	2365.0E6	1561.2E6	118.069	108.200
12) T 2,4,5-T	9.665	10.353	1862.5E6	1494.9E6	113.201	109.397
13) T 2,4-DB	10.245	10.921	287.0E6	136.7E6	125.128	115.522
14) T DINOSEB	11.462	11.305	1560.9E6	1123.5E6	112.509	104.204
15) T Picloram	11.274	12.417	1777.5E6	2257.7E6	110.569	97.141
16) T DCPA	11.758	12.349	3109.0E6	2412.5E6	121.368	109.448m

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

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Acq On : 23 Jun 2025 13:59
Operator : AR\AJ
Sample : Q2126-03
Misc : MDL SOIL
ALS Vial : 5 Sample Multiplier: 1

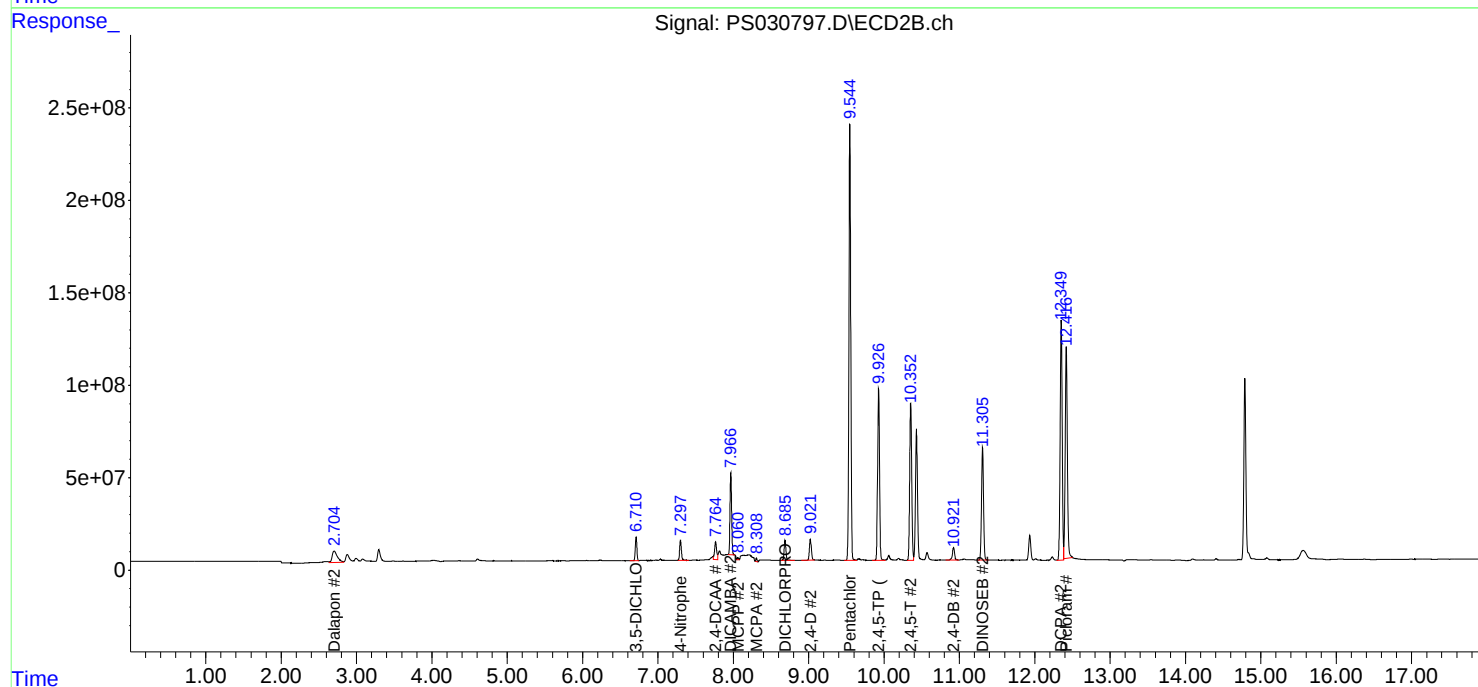
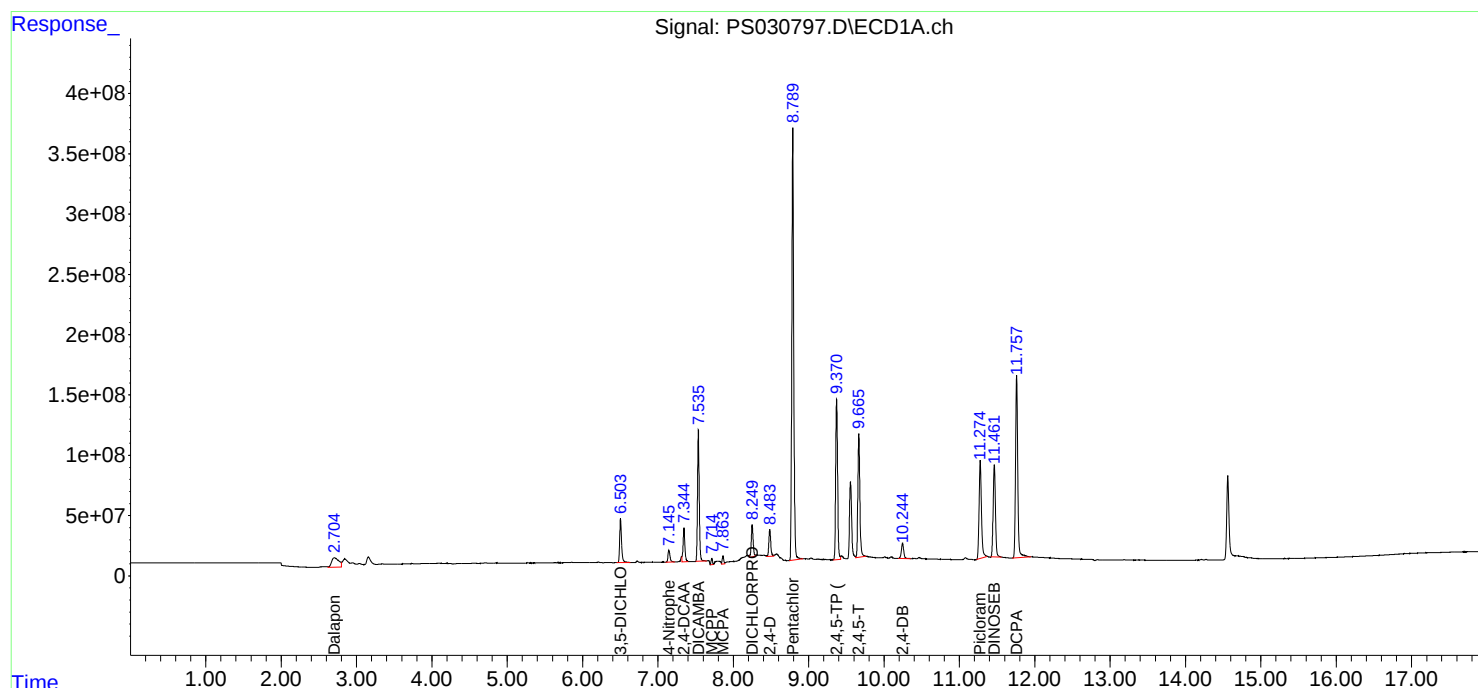
Instrument :
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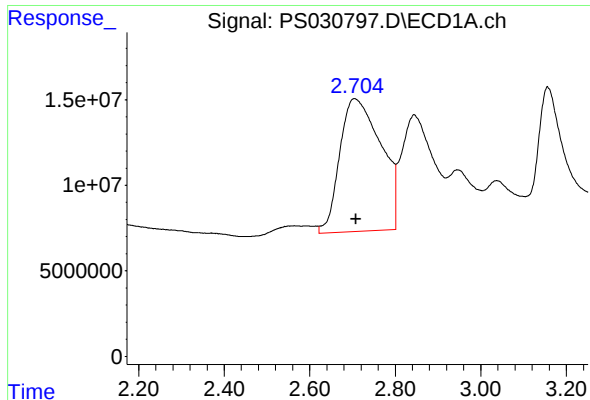
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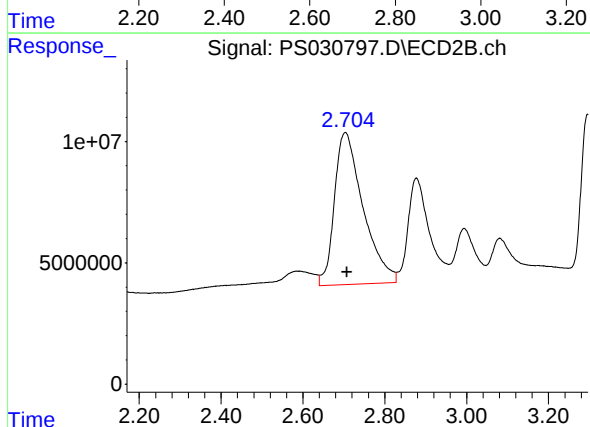
#1 Dalapon

R.T.: 2.705 min
Delta R.T.: -0.003 min
Response: 521777920
Conc: 87.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT2-2025

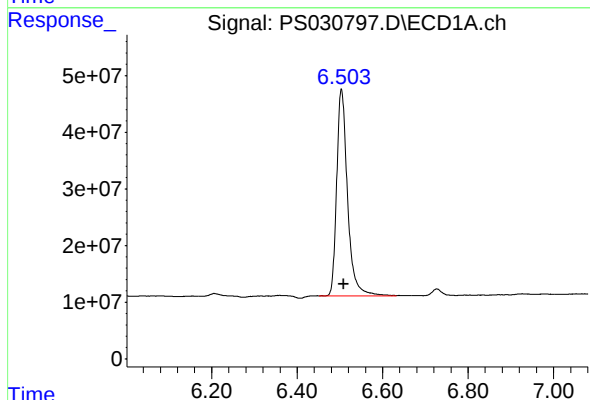
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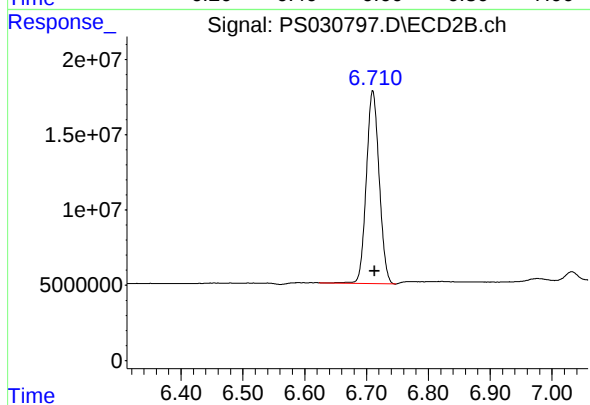
#1 Dalapon

R.T.: 2.704 min
Delta R.T.: -0.003 min
Response: 304885764
Conc: 111.20 ng/ml



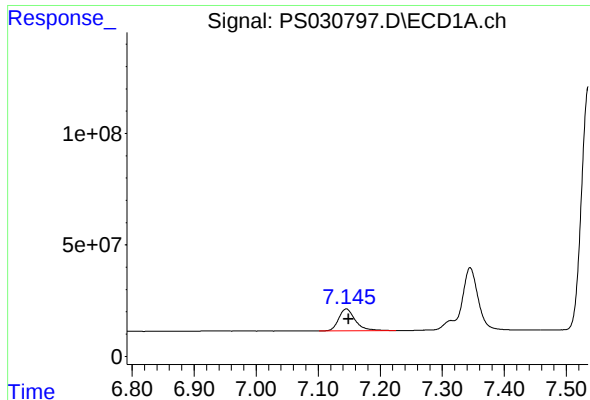
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.504 min
Delta R.T.: -0.005 min
Response: 642430740
Conc: 119.47 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.710 min
Delta R.T.: -0.003 min
Response: 184796846
Conc: 114.56 ng/ml



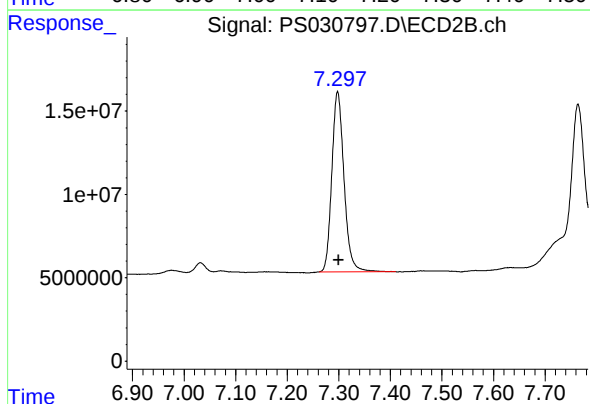
#3 4-Nitrophenol

R.T.: 7.145 min
Delta R.T.: -0.003 min
Response: 185234155
Conc: 117.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
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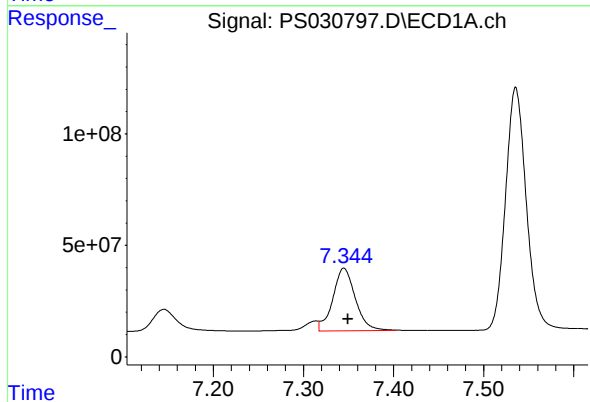
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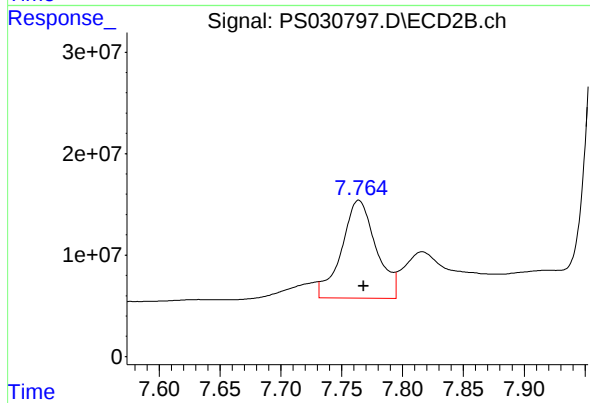
#3 4-Nitrophenol

R.T.: 7.298 min
Delta R.T.: -0.002 min
Response: 177846833
Conc: 102.59 ng/ml



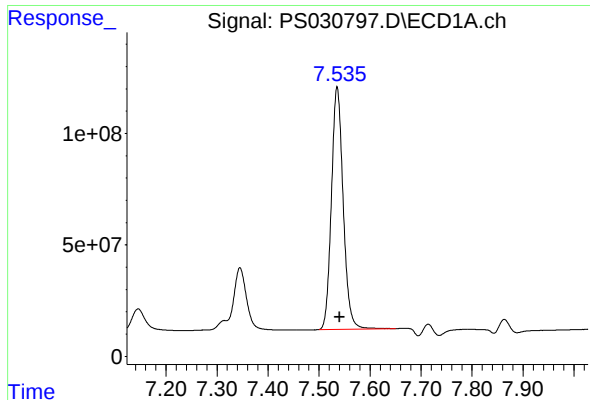
#4 2,4-DCAA

R.T.: 7.344 min
Delta R.T.: -0.005 min
Response: 487663323
Conc: 132.72 ng/ml m



#4 2,4-DCAA

R.T.: 7.764 min
Delta R.T.: -0.004 min
Response: 191133348
Conc: 178.30 ng/ml m



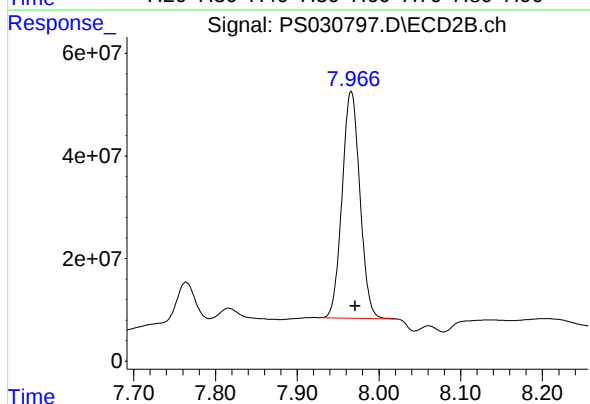
#5 DICAMBA

R.T.: 7.536 min
Delta R.T.: -0.005 min
Response: 1742730761
Conc: 114.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
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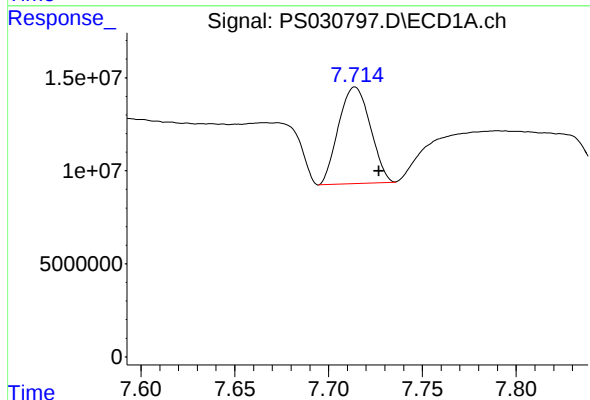
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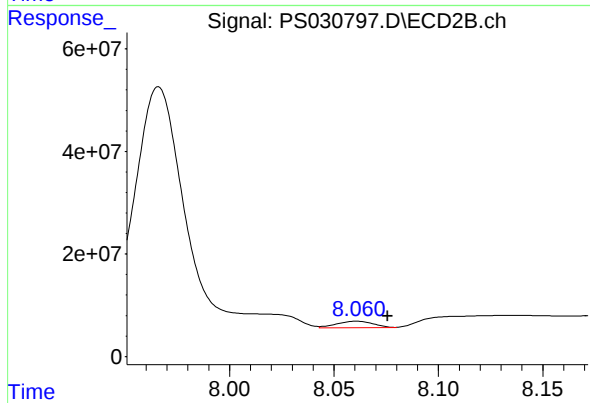
#5 DICAMBA

R.T.: 7.966 min
Delta R.T.: -0.005 min
Response: 669544293
Conc: 102.17 ng/ml



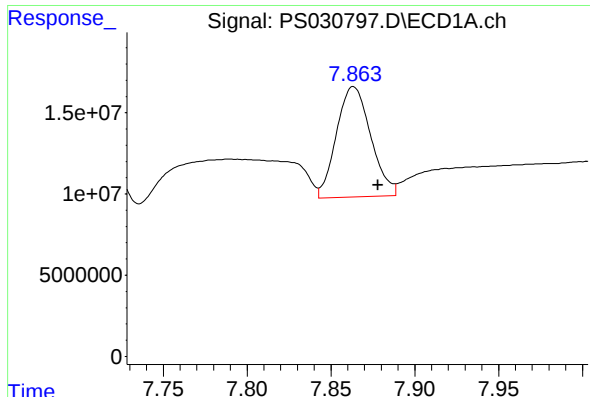
#6 MCPP

R.T.: 7.714 min
Delta R.T.: -0.013 min
Response: 61114776
Conc: 6.51 ug/ml



#6 MCPP

R.T.: 8.060 min
Delta R.T.: -0.015 min
Response: 15402348
Conc: 7.34 ug/ml m



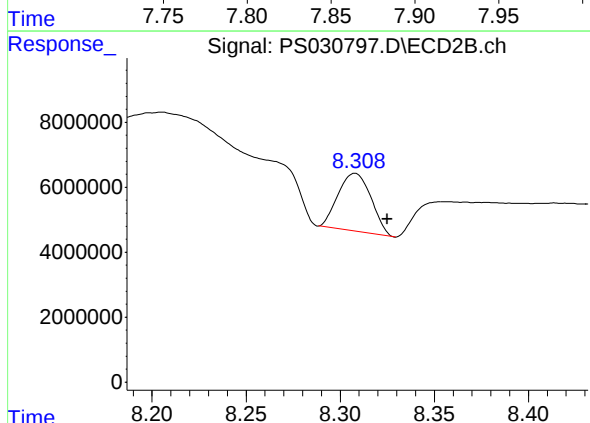
#7 MCPA

R.T.: 7.863 min
Delta R.T.: -0.015 min
Response: 96635931
Conc: 8.24 ug/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT2-2025

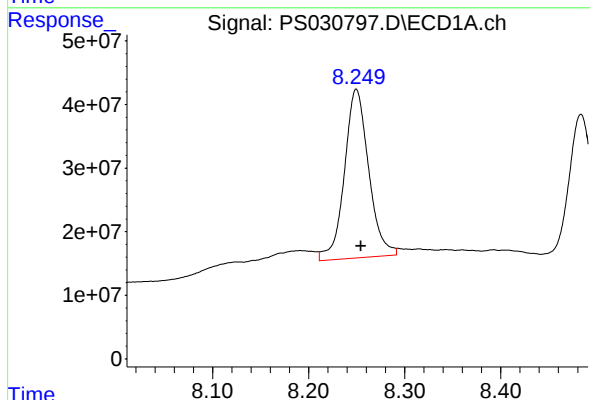
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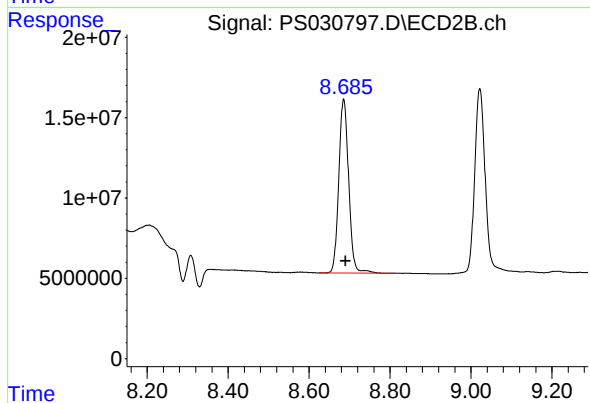
#7 MCPA

R.T.: 8.308 min
Delta R.T.: -0.017 min
Response: 21670577
Conc: 6.89 ug/ml



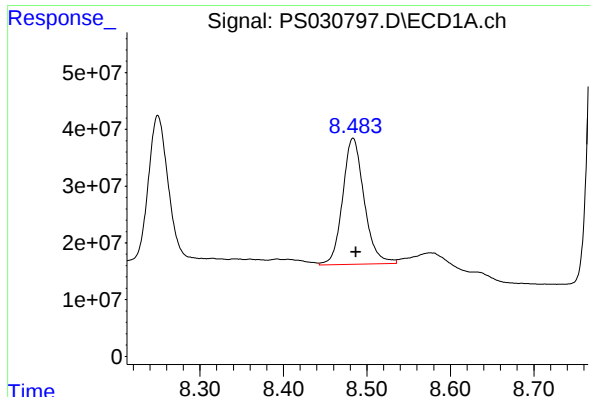
#8 DICHLORPROP

R.T.: 8.249 min
Delta R.T.: -0.005 min
Response: 466299408
Conc: 124.49 ng/ml m



#8 DICHLORPROP

R.T.: 8.685 min
Delta R.T.: -0.005 min
Response: 183411296
Conc: 116.64 ng/ml



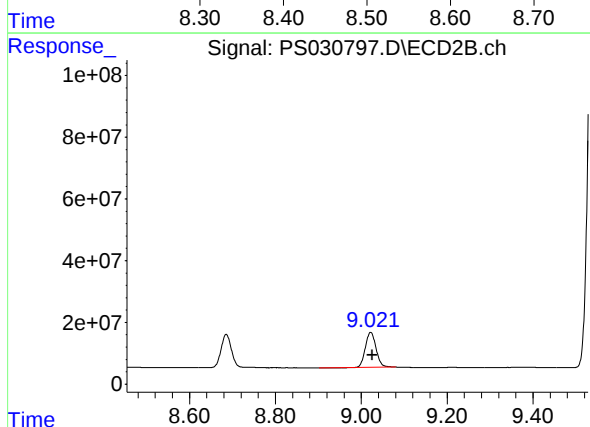
#9 2,4-D

R.T.: 8.483 min
Delta R.T.: -0.004 min
Response: 396738281
Conc: 115.18 ng/ml

Instrument :
ECD_S
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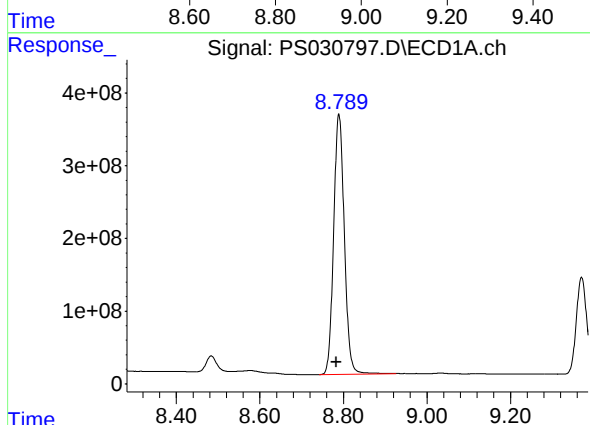
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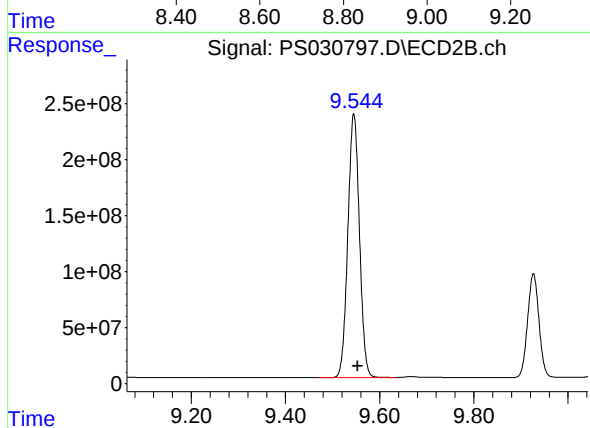
#9 2,4-D

R.T.: 9.022 min
Delta R.T.: -0.004 min
Response: 195657020
Conc: 115.13 ng/ml



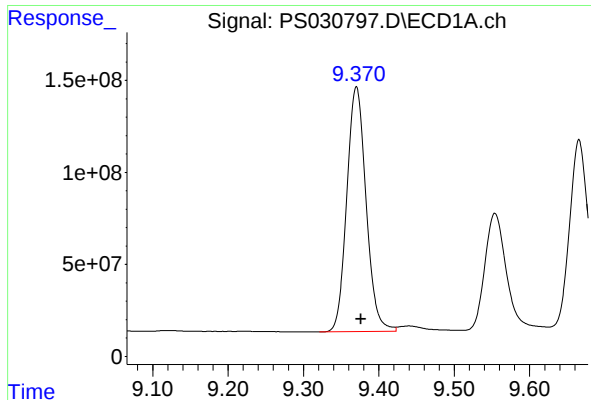
#10 Pentachlorophenol

R.T.: 8.789 min
Delta R.T.: 0.006 min
Response: 6353627017
Conc: 120.05 ng/ml



#10 Pentachlorophenol

R.T.: 9.545 min
Delta R.T.: -0.008 min
Response: 4028130892
Conc: 105.66 ng/ml



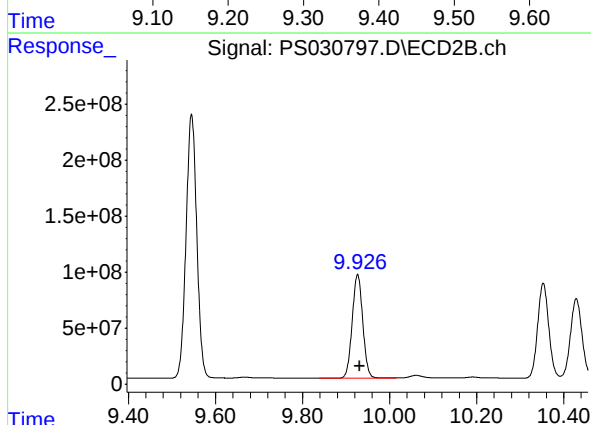
#11 2,4,5-TP (SILVEX)

R.T.: 9.370 min
Delta R.T.: -0.006 min
Response: 2364974149
Conc: 118.07 ng/ml

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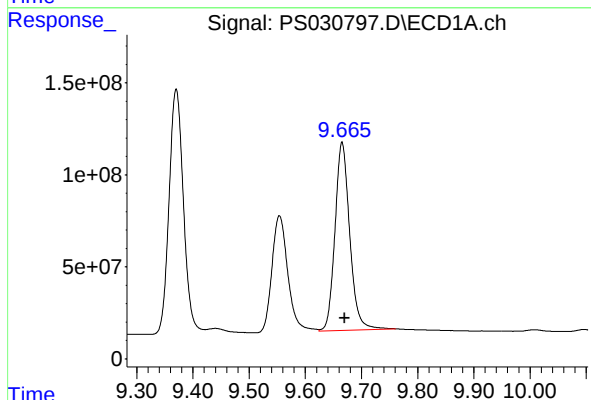
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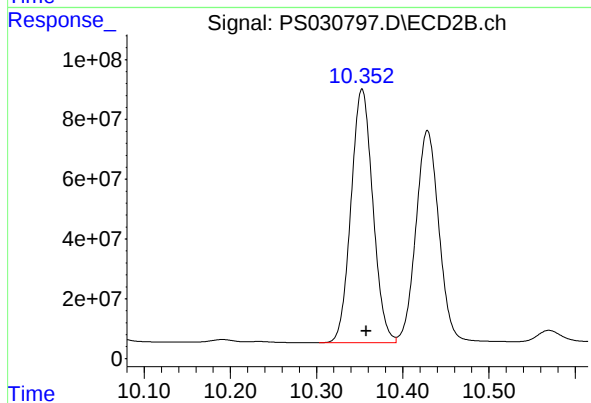
#11 2,4,5-TP (SILVEX)

R.T.: 9.927 min
Delta R.T.: -0.005 min
Response: 1561179353
Conc: 108.20 ng/ml



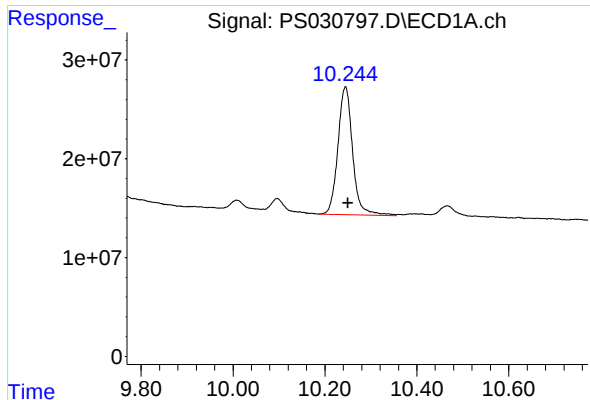
#12 2,4,5-T

R.T.: 9.665 min
Delta R.T.: -0.005 min
Response: 1862520565
Conc: 113.20 ng/ml



#12 2,4,5-T

R.T.: 10.353 min
Delta R.T.: -0.005 min
Response: 1494875079
Conc: 109.40 ng/ml



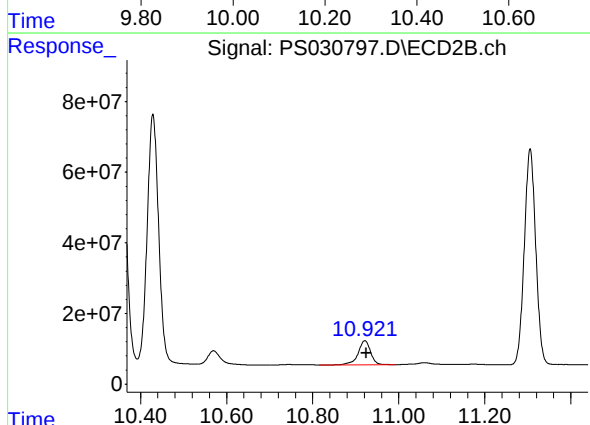
#13 2,4-DB

R.T.: 10.245 min
Delta R.T.: -0.005 min
Response: 286982142
Conc: 125.13 ng/ml

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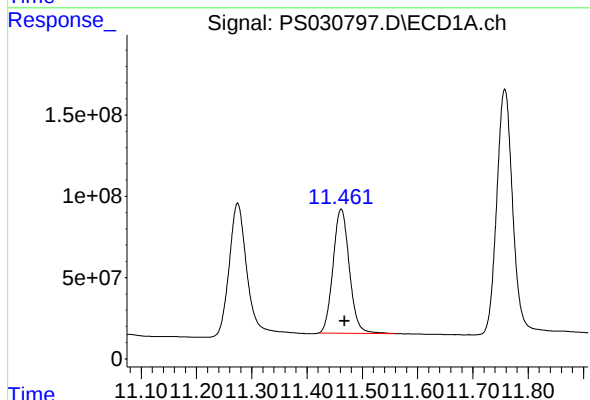
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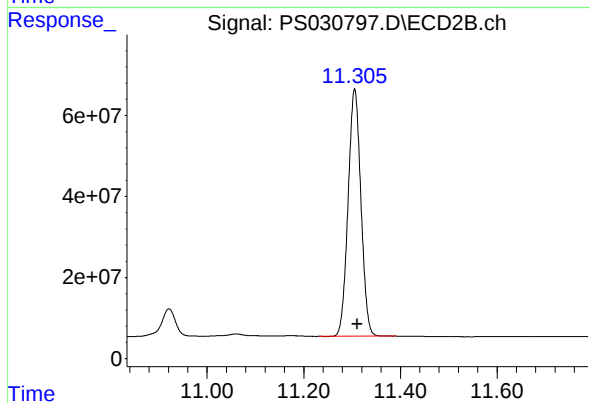
#13 2,4-DB

R.T.: 10.921 min
Delta R.T.: -0.004 min
Response: 136651929
Conc: 115.52 ng/ml



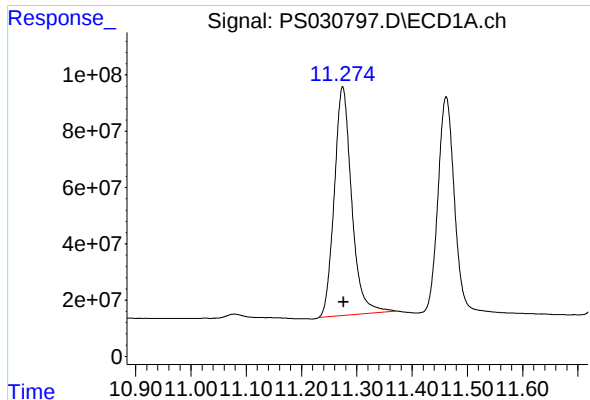
#14 DINOSEB

R.T.: 11.462 min
Delta R.T.: -0.007 min
Response: 1560851675
Conc: 112.51 ng/ml



#14 DINOSEB

R.T.: 11.305 min
Delta R.T.: -0.006 min
Response: 1123450156
Conc: 104.20 ng/ml



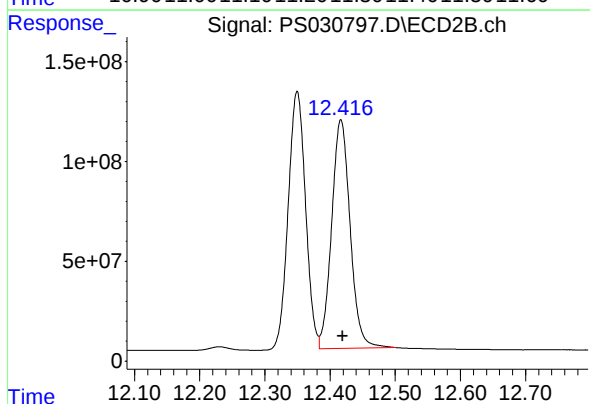
#15 Picloram

R.T.: 11.274 min
Delta R.T.: -0.002 min
Response: 1777518296
Conc: 110.57 ng/ml

Instrument :
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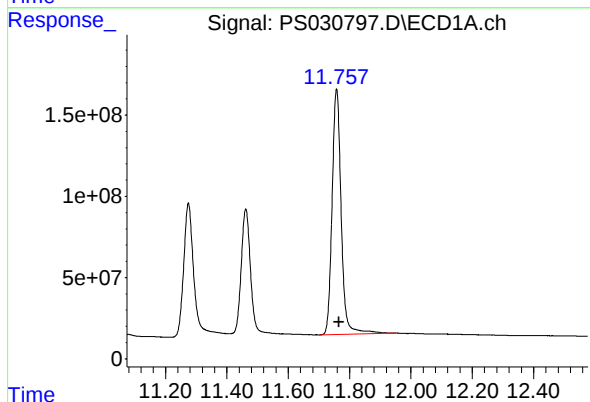
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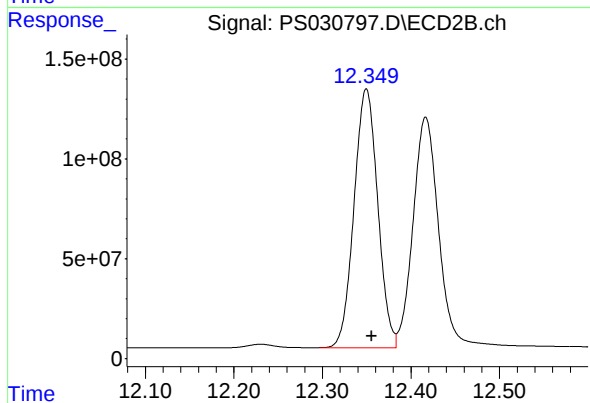
#15 Picloram

R.T.: 12.417 min
Delta R.T.: -0.003 min
Response: 2257694788
Conc: 97.14 ng/ml



#16 DCPA

R.T.: 11.758 min
Delta R.T.: -0.007 min
Response: 3109002996
Conc: 121.37 ng/ml



#16 DCPA

R.T.: 12.349 min
Delta R.T.: -0.006 min
Response: 2412542841
Conc: 109.45 ng/ml m