

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS111124\
 Data File : PS028403.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2024 15:21
 Operator : AR\AJ
 Sample : P4601-37MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 CC0R7MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 11 23:17:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS110924.M
 Quant Title : 8080.M
 QLast Update : Fri Nov 08 17:46:43 2024
 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	7.245	7.755	1709.5E6	824.3E6	619.211	517.306
Target Compounds							
1) T	Dalapon	2.647	2.709	862.7E6	812.3E6	241.769	286.451m
2) T	3,5-DICHL...	6.417	6.705	1557.5E6	821.8E6	389.250	346.907
3) T	4-Nitroph...	7.046	7.279	511.1E6	286.6E6	275.647	270.628m
5) T	DICAMBA	7.435	7.954	4866.1E6	2709.6E6	404.133	377.928
6) T	MCPD	7.616	8.054	301.5E6	221.7E6	36.869	37.744
7) T	MCPA	7.767	8.300	559.8E6	411.4E6	49.925	51.379
8) T	DICHLORPROP	8.145	8.671	1327.5E6	696.6E6	428.285	391.054
9) T	2,4-D	8.376	9.003	2018.3E6	1423.2E6	574.330	735.971 #
10) T	Pentachlo...	8.676	9.532	10437.0E6	5230.4E6	231.716	209.912
11) T	2,4,5-TP ...	9.256	9.914	7329.2E6	7761.4E6	387.195	732.748 #
12) T	2,4,5-T	9.548	10.329	8604.1E6	4417.3E6	443.946	425.717
13) T	2,4-DB	10.125	10.896	1327.1E6	582.7E6	429.366	439.658
14) T	DINOSEB	11.339	11.278	555.5E6	181.0E6	34.264m	25.216m#
15) T	Picloram	11.145	12.375	11660.7E6	4769.7E6	371.289	331.403
16) T	DCPA	11.631	12.323	11848.7E6	5602.0E6	443.331	499.728

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

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Misc :
ALS Vial : 12 Sample Multiplier: 1

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ECD_S

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Manual Integrations

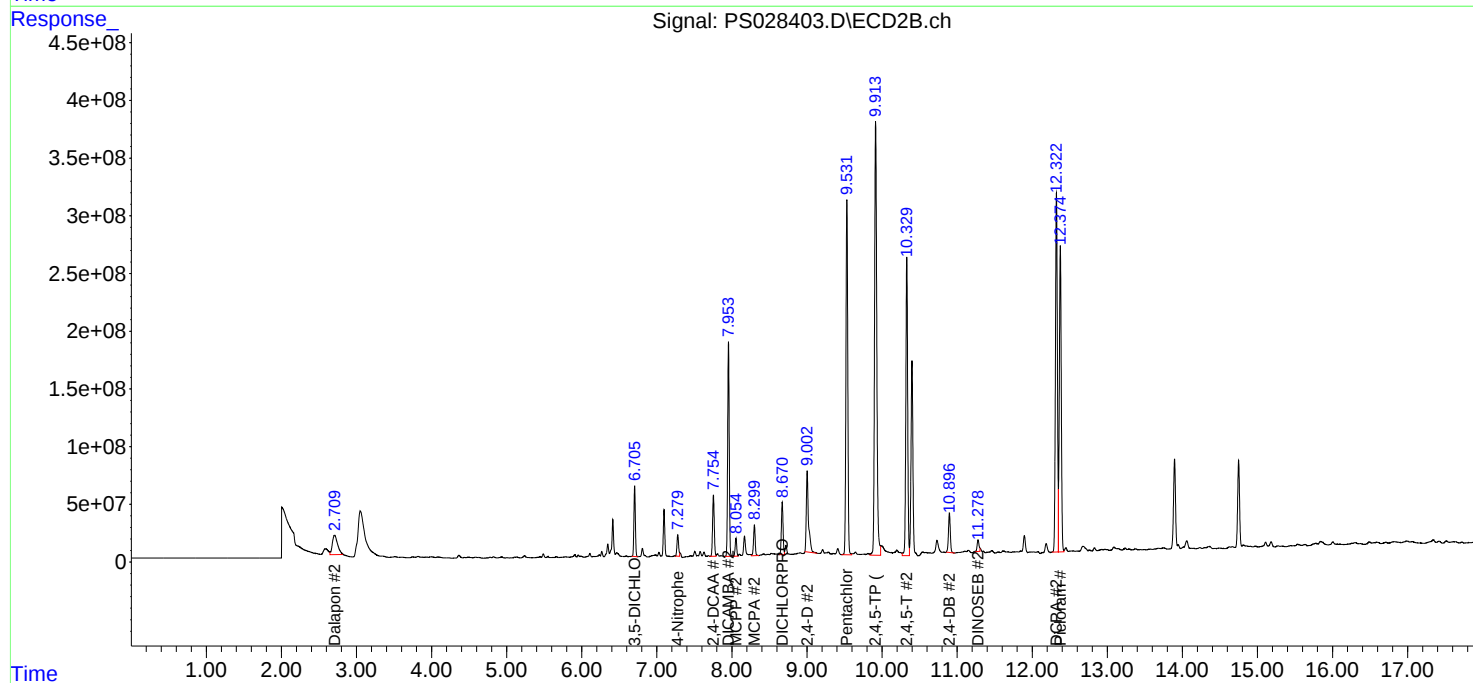
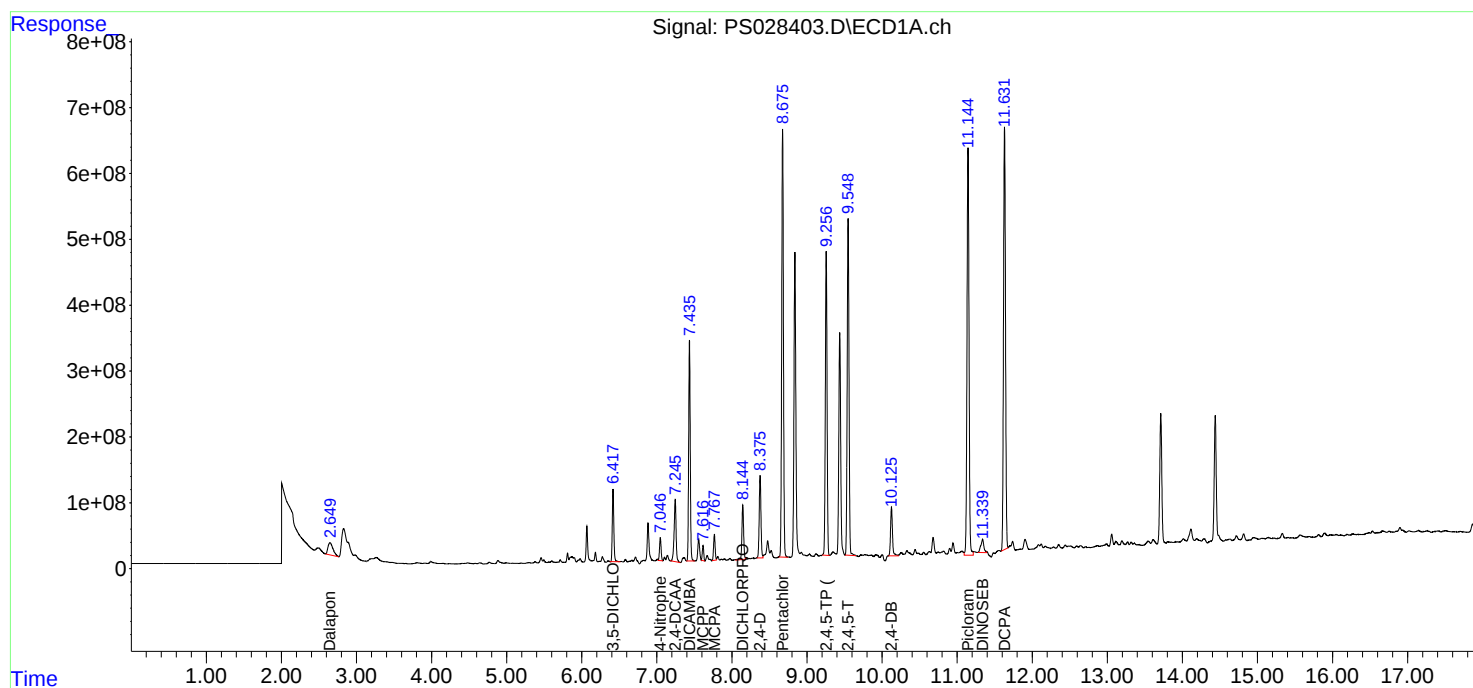
APPROVED

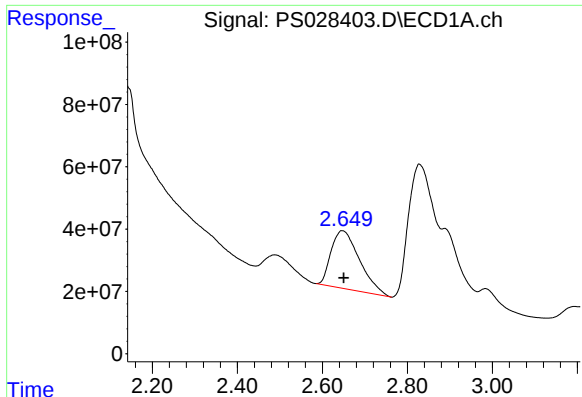
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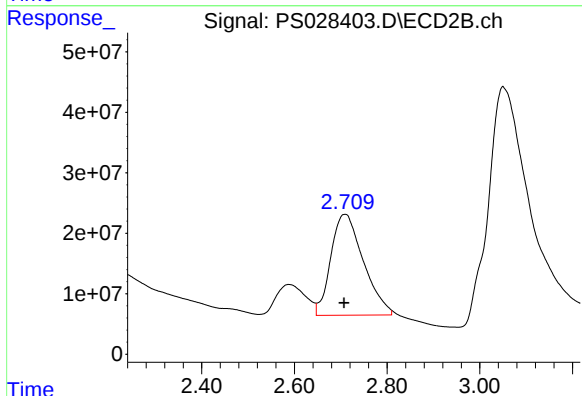
#1 Dalapon

R.T.: 2.647 min
Delta R.T.: -0.003 min
Response: 862662932
Conc: 241.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
CC0R7MS

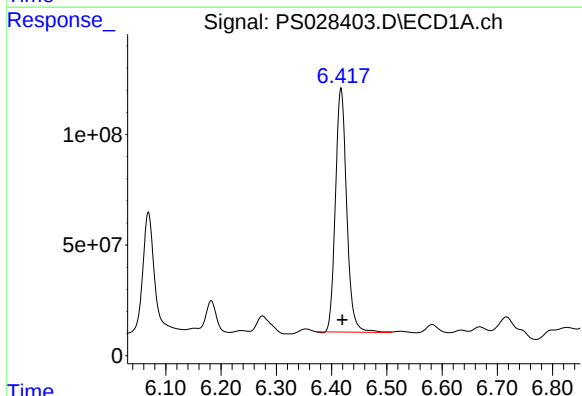
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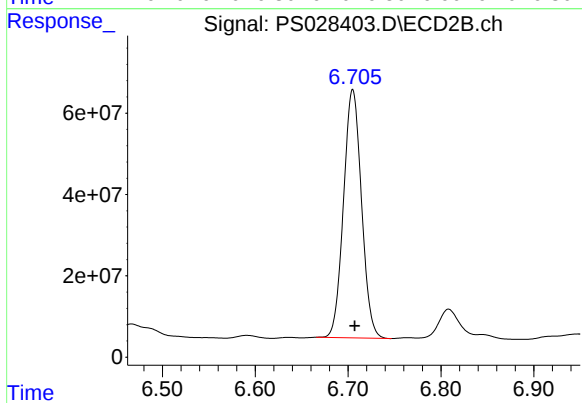
#1 Dalapon

R.T.: 2.709 min
Delta R.T.: 0.002 min
Response: 812278786
Conc: 286.45 ng/ml m



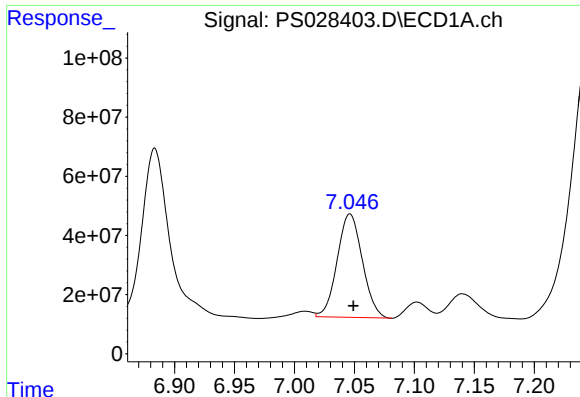
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.417 min
Delta R.T.: -0.003 min
Response: 1557537135
Conc: 389.25 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.705 min
Delta R.T.: -0.002 min
Response: 821837764
Conc: 346.91 ng/ml



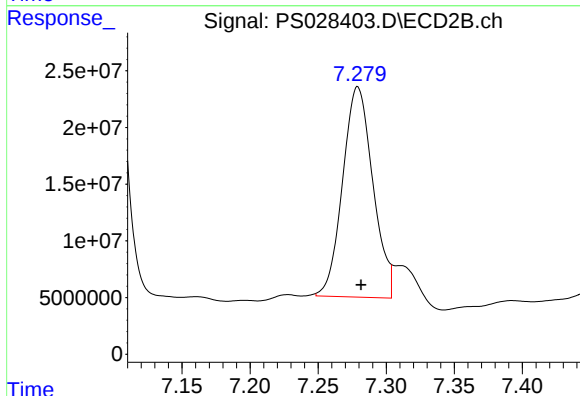
#3 4-Nitrophenol

R.T.: 7.046 min
Delta R.T.: -0.003 min
Response: 511113574
Conc: 275.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
CC0R7MS

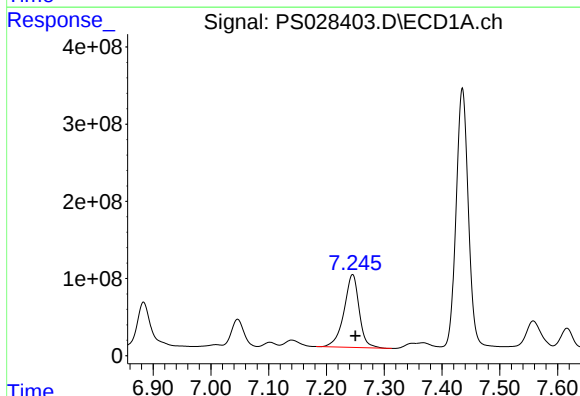
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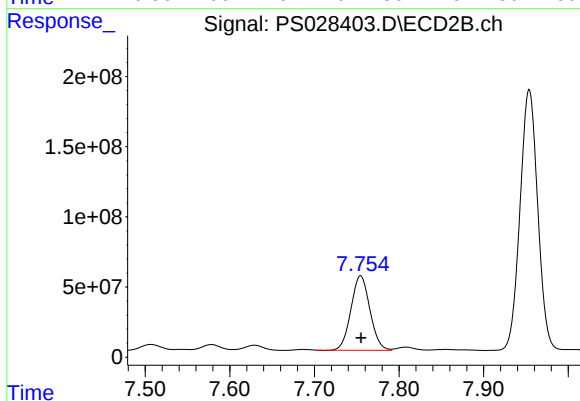
#3 4-Nitrophenol

R.T.: 7.279 min
Delta R.T.: -0.003 min
Response: 286596279
Conc: 270.63 ng/ml m



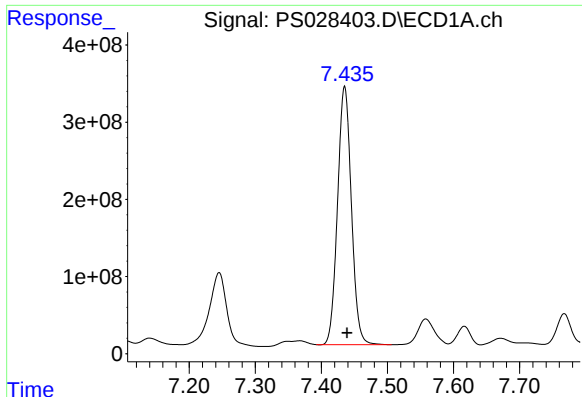
#4 2,4-DCAA

R.T.: 7.245 min
Delta R.T.: -0.005 min
Response: 1709489269
Conc: 619.21 ng/ml



#4 2,4-DCAA

R.T.: 7.755 min
Delta R.T.: 0.000 min
Response: 824286099
Conc: 517.31 ng/ml



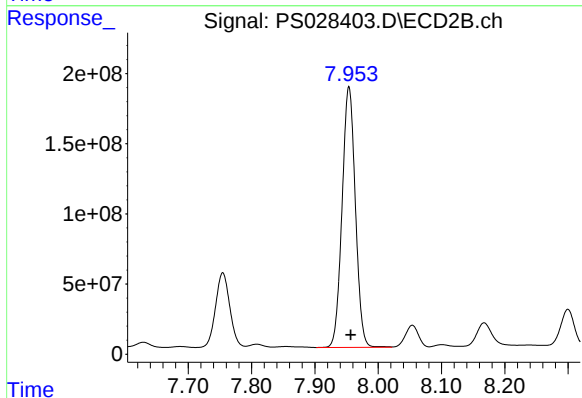
#5 DICAMBA

R.T.: 7.435 min
Delta R.T.: -0.004 min
Response: 4866068593
Conc: 404.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
CC0R7MS

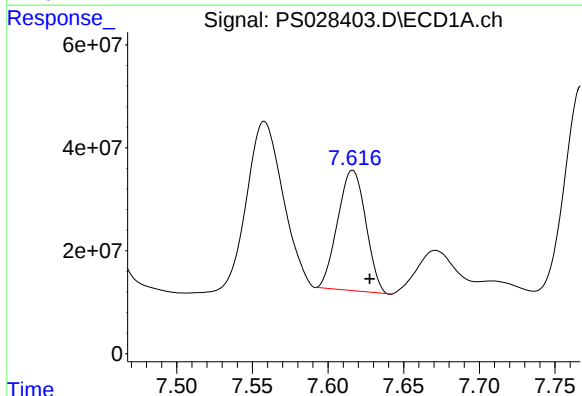
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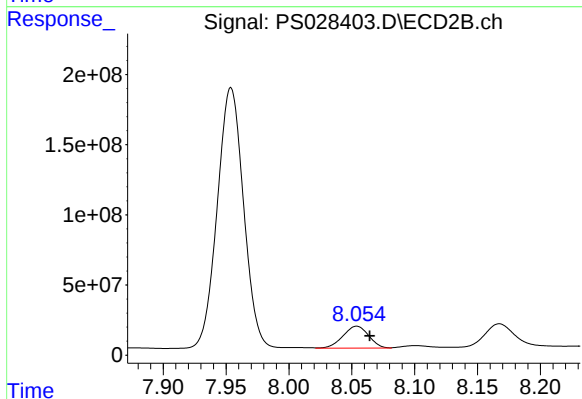
#5 DICAMBA

R.T.: 7.954 min
Delta R.T.: -0.003 min
Response: 2709561100
Conc: 377.93 ng/ml



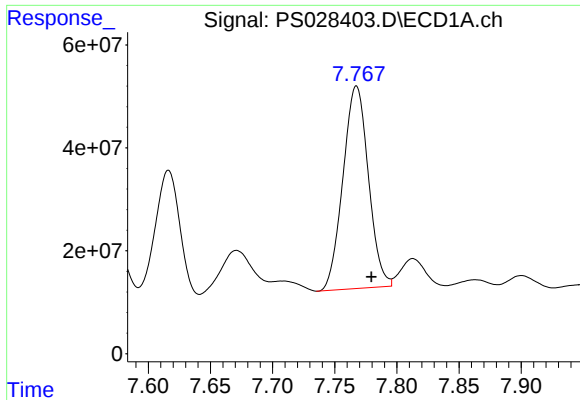
#6 MCP

R.T.: 7.616 min
Delta R.T.: -0.011 min
Response: 301538743
Conc: 36.87 ug/ml



#6 MCP

R.T.: 8.054 min
Delta R.T.: -0.010 min
Response: 221731973
Conc: 37.74 ug/ml



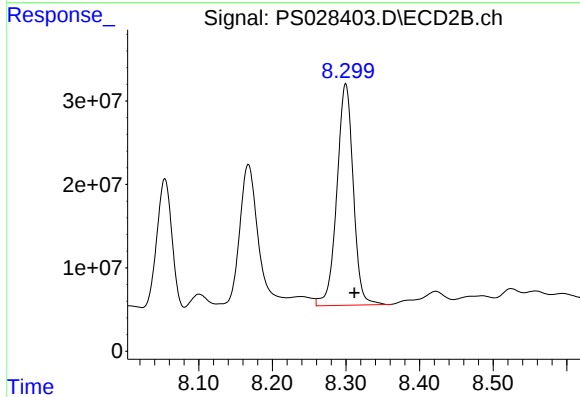
#7 MCPA

R.T.: 7.767 min
Delta R.T.: -0.012 min
Response: 559760141
Conc: 49.92 ug/ml

Instrument :
ECD_S
ClientSampleId :
CC0R7MS

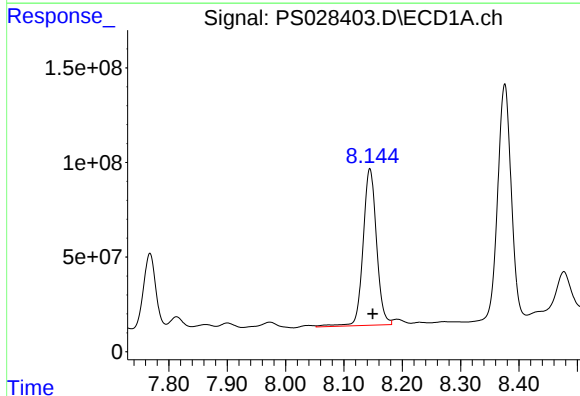
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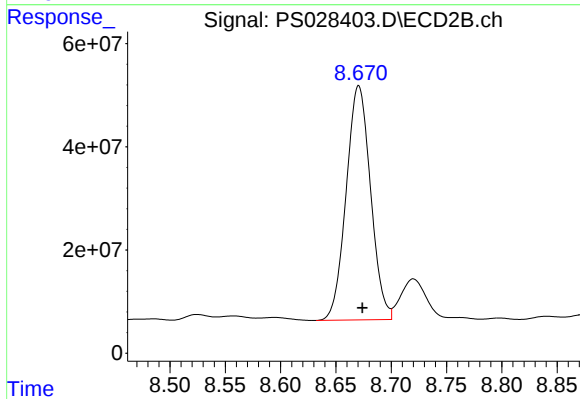
#7 MCPA

R.T.: 8.300 min
Delta R.T.: -0.012 min
Response: 411421309
Conc: 51.38 ug/ml



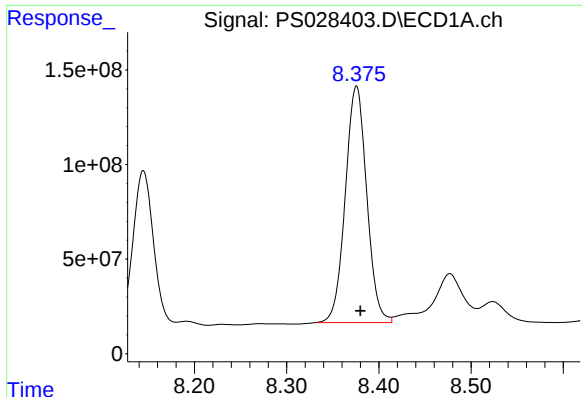
#8 DICHLORPROP

R.T.: 8.145 min
Delta R.T.: -0.004 min
Response: 1327530015
Conc: 428.29 ng/ml



#8 DICHLORPROP

R.T.: 8.671 min
Delta R.T.: -0.003 min
Response: 696570683
Conc: 391.05 ng/ml



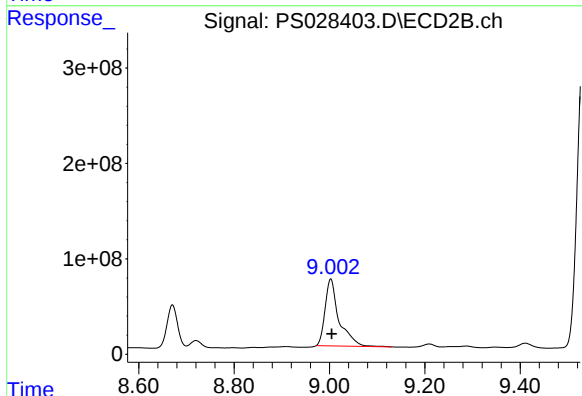
#9 2,4-D

R.T.: 8.376 min
Delta R.T.: -0.004 min
Response: 2018312731
Conc: 574.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
CC0R7MS

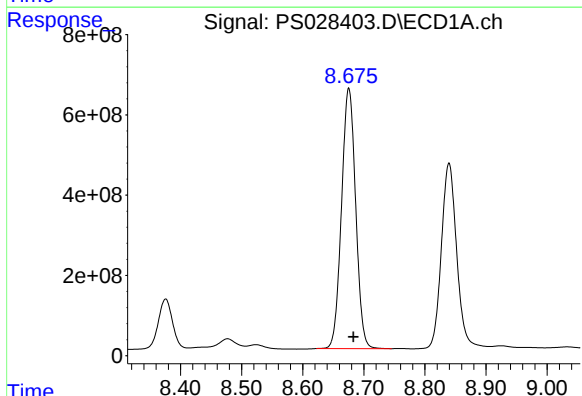
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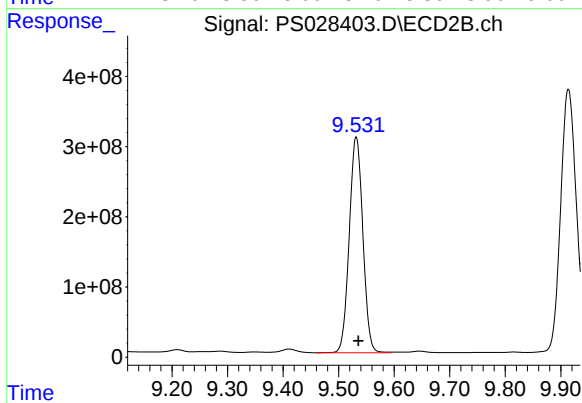
#9 2,4-D

R.T.: 9.003 min
Delta R.T.: -0.002 min
Response: 1423232308
Conc: 735.97 ng/ml



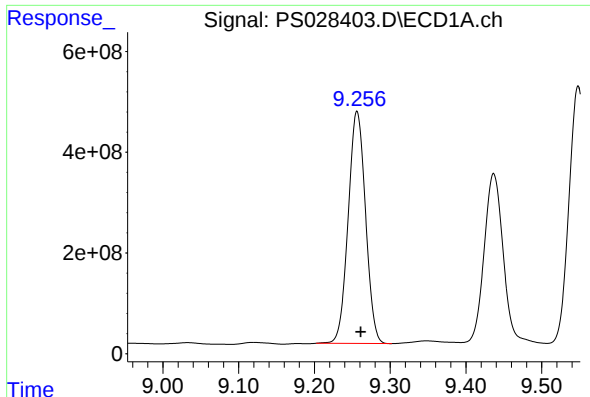
#10 Pentachlorophenol

R.T.: 8.676 min
Delta R.T.: -0.007 min
Response: 10436968838
Conc: 231.72 ng/ml



#10 Pentachlorophenol

R.T.: 9.532 min
Delta R.T.: -0.004 min
Response: 5230354063
Conc: 209.91 ng/ml



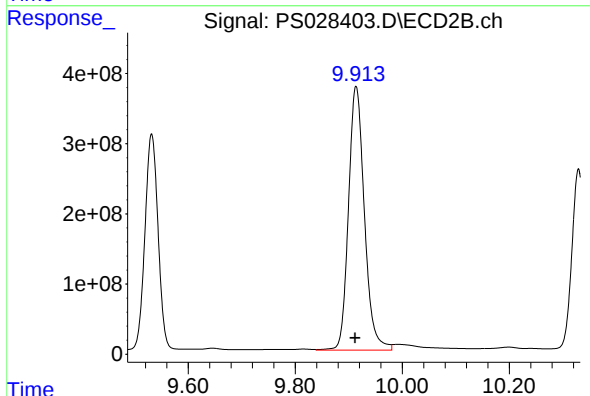
#11 2,4,5-TP (SILVEX)

R.T.: 9.256 min
Delta R.T.: -0.005 min
Response: 7329189733
Conc: 387.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
CC0R7MS

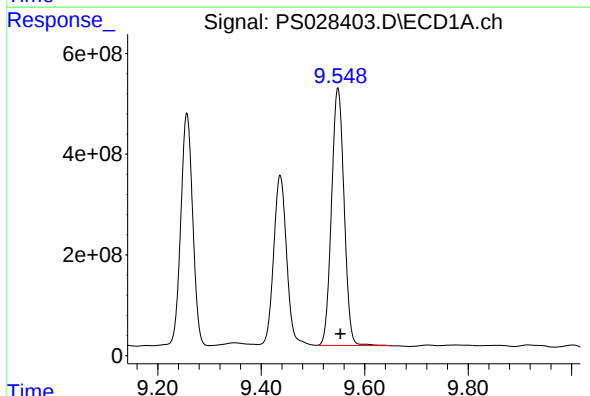
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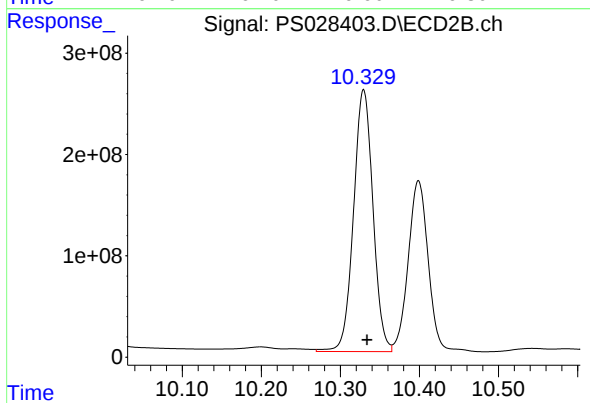
#11 2,4,5-TP (SILVEX)

R.T.: 9.914 min
Delta R.T.: 0.002 min
Response: 7761413357
Conc: 732.75 ng/ml



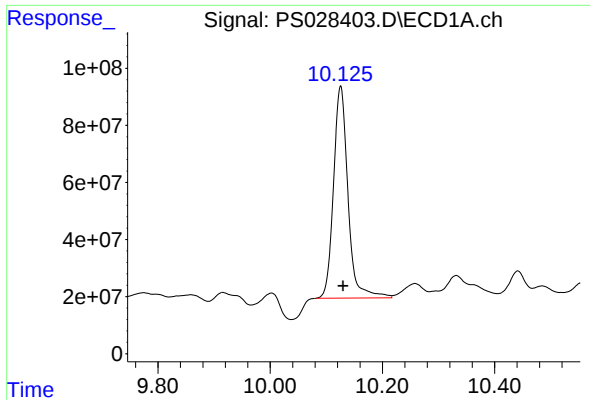
#12 2,4,5-T

R.T.: 9.548 min
Delta R.T.: -0.004 min
Response: 8604116650
Conc: 443.95 ng/ml



#12 2,4,5-T

R.T.: 10.329 min
Delta R.T.: -0.004 min
Response: 4417252742
Conc: 425.72 ng/ml



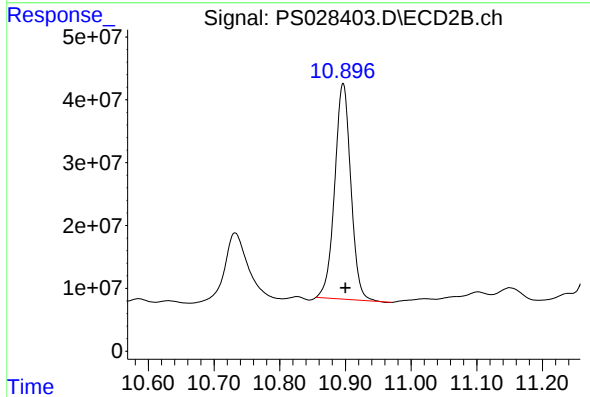
#13 2,4-DB

R.T.: 10.125 min
Delta R.T.: -0.004 min
Response: 1327121534
Conc: 429.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
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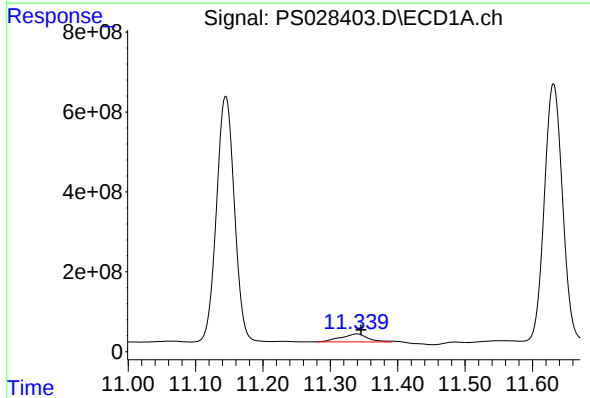
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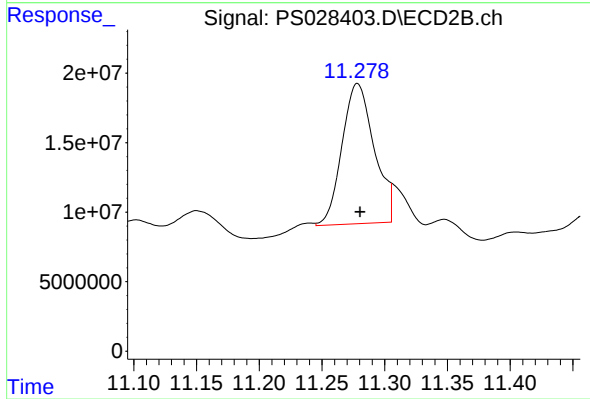
#13 2,4-DB

R.T.: 10.896 min
Delta R.T.: -0.004 min
Response: 582670423
Conc: 439.66 ng/ml



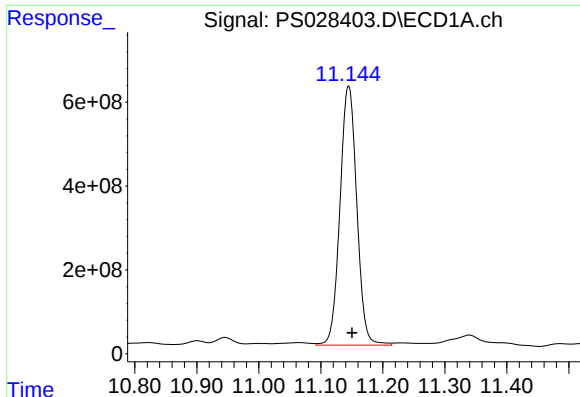
#14 DINOSEB

R.T.: 11.339 min
Delta R.T.: -0.006 min
Response: 555534008
Conc: 34.26 ng/ml m



#14 DINOSEB

R.T.: 11.278 min
Delta R.T.: -0.003 min
Response: 180986723
Conc: 25.22 ng/ml m



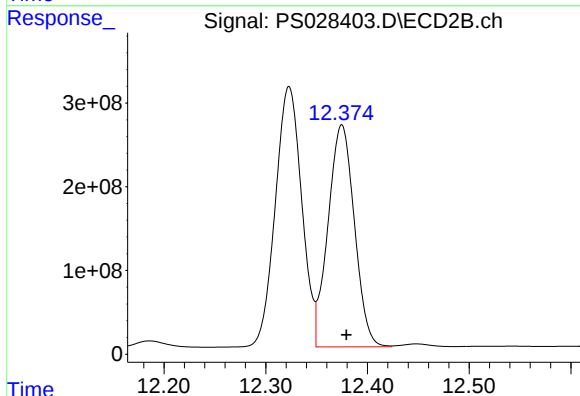
#15 Picloram

R.T.: 11.145 min
Delta R.T.: -0.006 min
Response: 11660700201
Conc: 371.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
CC0R7MS

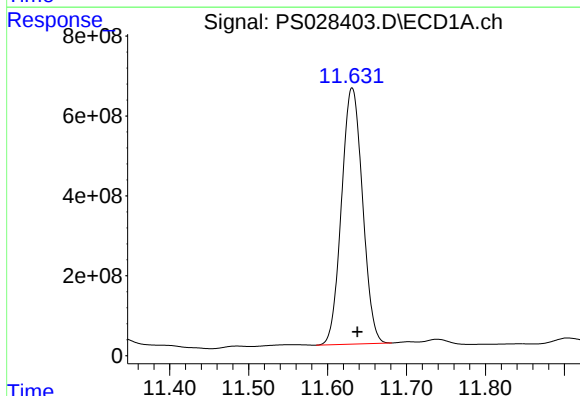
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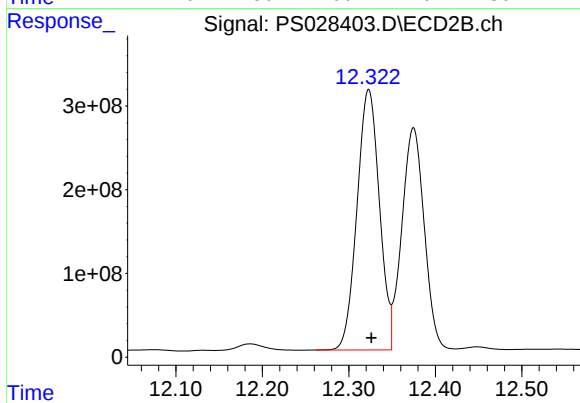
#15 Picloram

R.T.: 12.375 min
Delta R.T.: -0.004 min
Response: 4769714407
Conc: 331.40 ng/ml



#16 DCPA

R.T.: 11.631 min
Delta R.T.: -0.006 min
Response: 11848662220
Conc: 443.33 ng/ml



#16 DCPA

R.T.: 12.323 min
Delta R.T.: -0.003 min
Response: 5602016935
Conc: 499.73 ng/ml