

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS111124\
 Data File : PS028409.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2024 17:45
 Operator : AR\AJ
 Sample : P4602-45MSD
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

CC0R8MSD

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 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 23:22:42 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	7.244	7.752	1045.6E6	405.4E6	378.734	254.399 #
Target Compounds							
1) T	Dalapon	2.640	2.706	448.0E6	499.2E6	125.544	176.051m#
2) T	3,5-DICHL...	6.416	6.704	635.1E6	338.0E6	158.724	142.681
3) T	4-Nitroph...	7.046	7.278	203.6E6	115.9E6	109.781	109.448m
5) T	DICAMBA	7.434	7.953	2602.9E6	1428.0E6	216.171	199.183
6) T	MCP	7.613	8.047	63258269	137.9E6	7.735	23.466 #
7) T	MCPA	7.764	8.295	246.3E6	165.8E6	21.967	20.703
8) T	DICHLORPROP	8.143	8.669	404.3E6	216.6E6	130.425	121.595
9) T	2,4-D	8.374	9.000	880.6E6	400.0E6	250.590	206.827
10) T	Pentachlo...	8.673	9.530	2504.2E6	1201.3E6	55.596	48.214
11) T	2,4,5-TP ...	9.255	9.906	1461.5E6	872.7E6	77.211	82.390
12) T	2,4,5-T	9.546	10.328	2520.0E6	1427.8E6	130.026	137.607
13) T	2,4-DB	10.124	10.892	296.6E6	191.4E6	95.963	144.427m#
14) T	DINOSEB	11.353	11.278	319.0E6	223.0E6	19.674m	31.075 #
15) T	Picloram	11.144	12.373	8599.0E6	3398.7E6	273.801	236.146
16) T	DCPA	11.629	12.320	9152.7E6	3936.6E6	342.459	351.161

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

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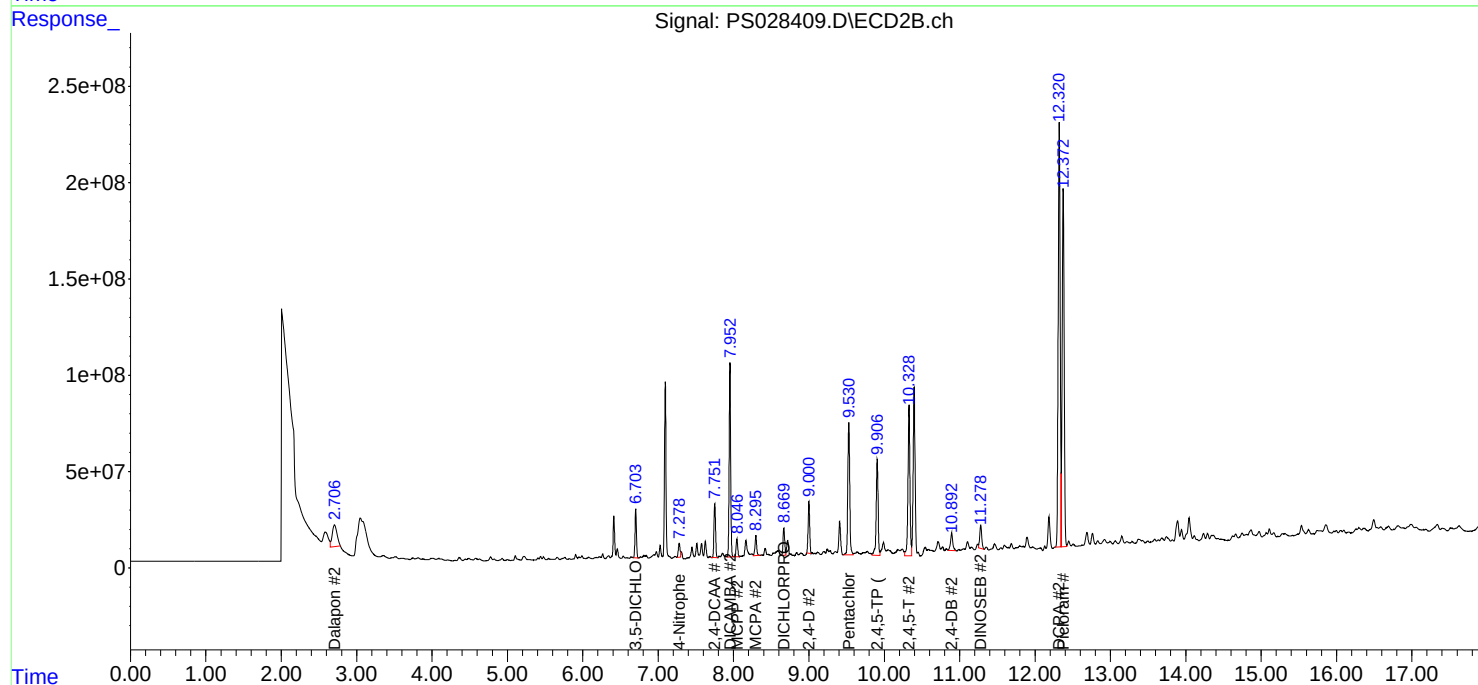
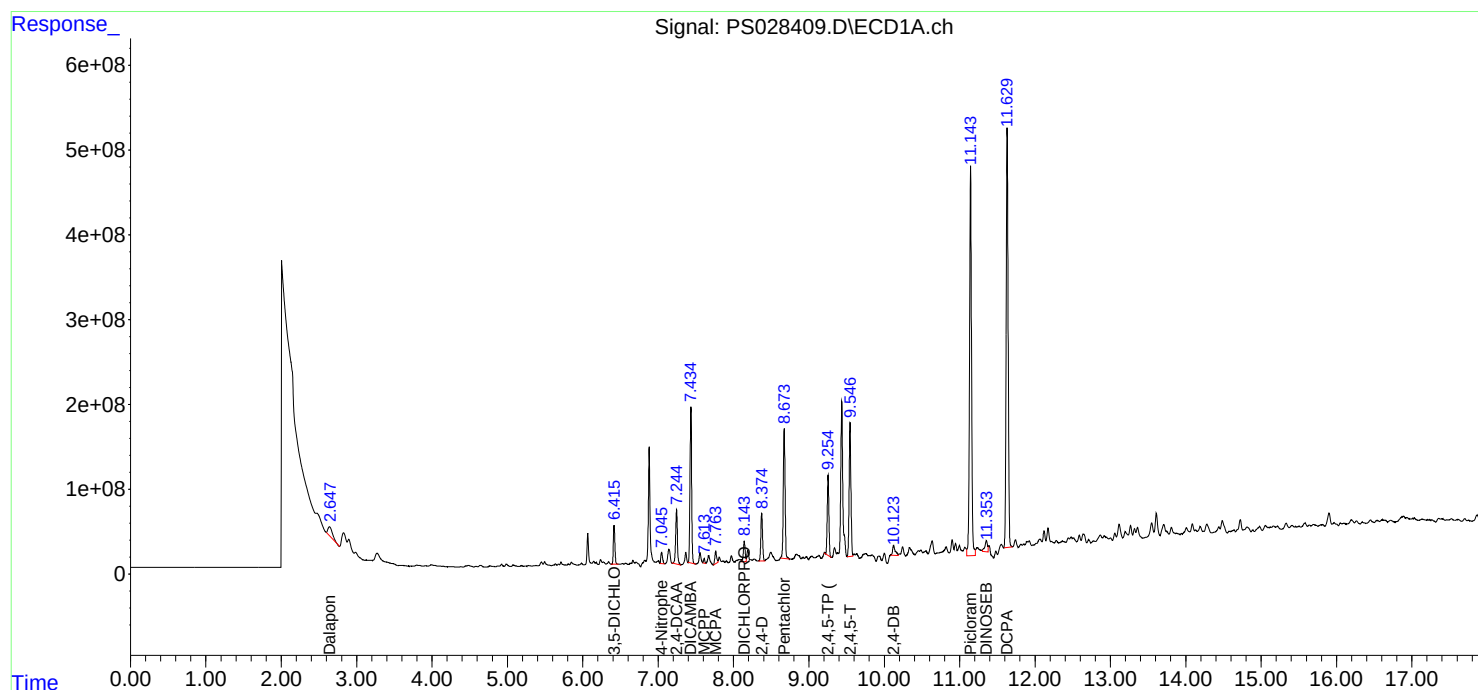
APPROVED

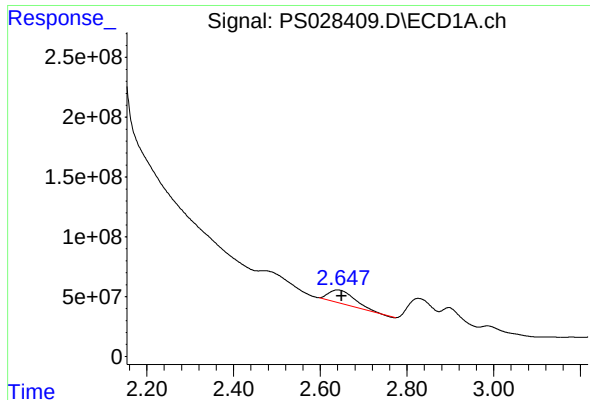
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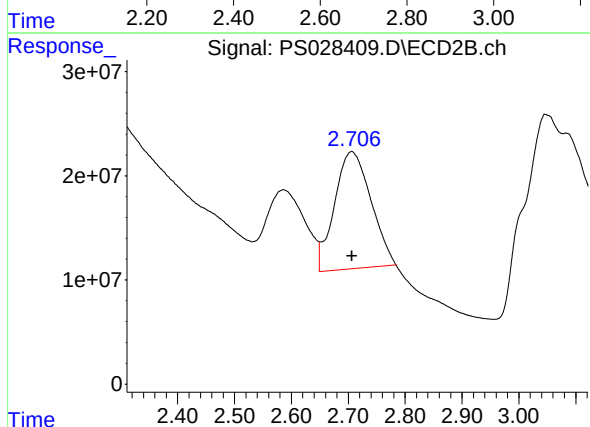
#1 Dalapon

R.T.: 2.640 min
Delta R.T.: -0.010 min
Response: 447957240
Conc: 125.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
CC0R8MSD

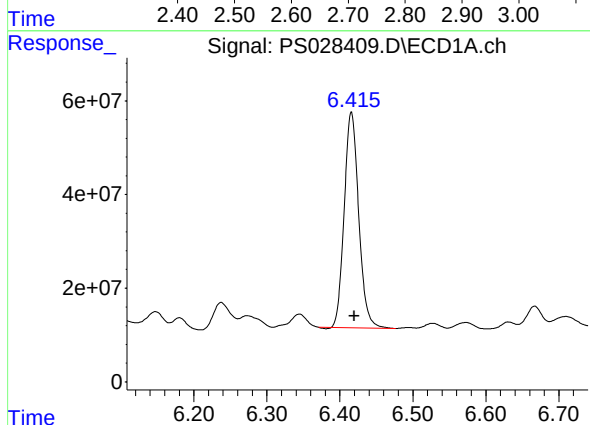
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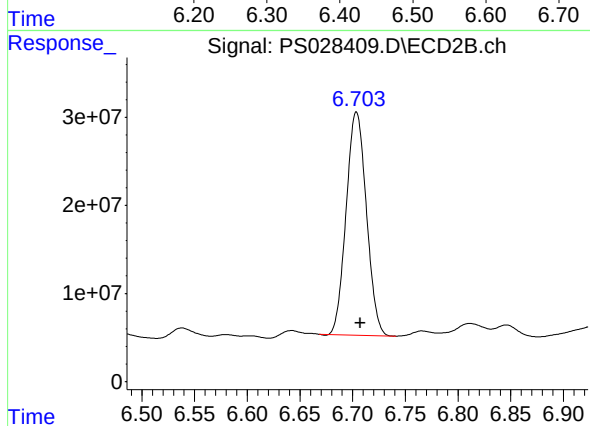
#1 Dalapon

R.T.: 2.706 min
Delta R.T.: -0.001 min
Response: 499219725
Conc: 176.05 ng/ml m



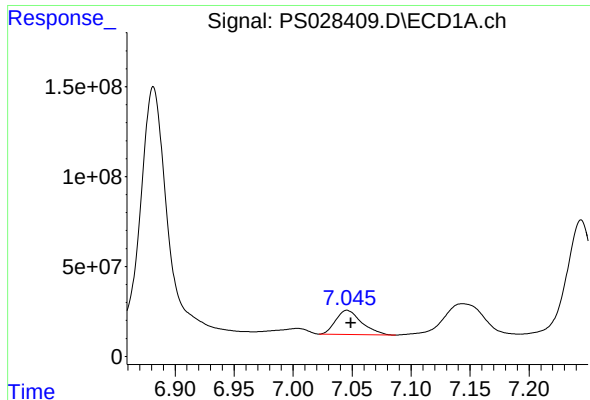
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.416 min
Delta R.T.: -0.004 min
Response: 635115774
Conc: 158.72 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.704 min
Delta R.T.: -0.004 min
Response: 338018556
Conc: 142.68 ng/ml



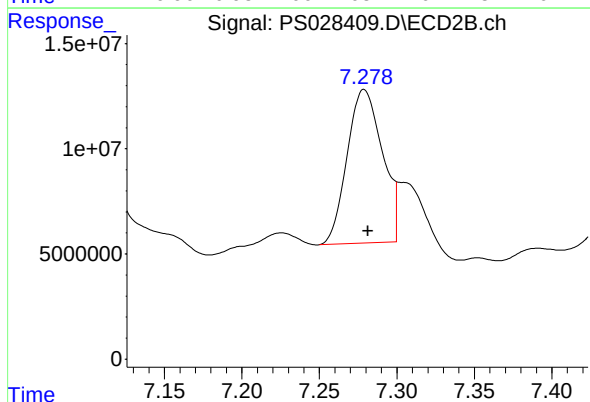
#3 4-Nitrophenol

R.T.: 7.046 min
Delta R.T.: -0.003 min
Response: 203558438
Conc: 109.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
CC0R8MSD

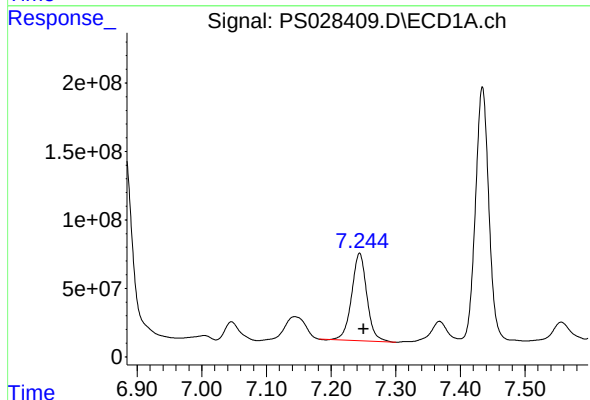
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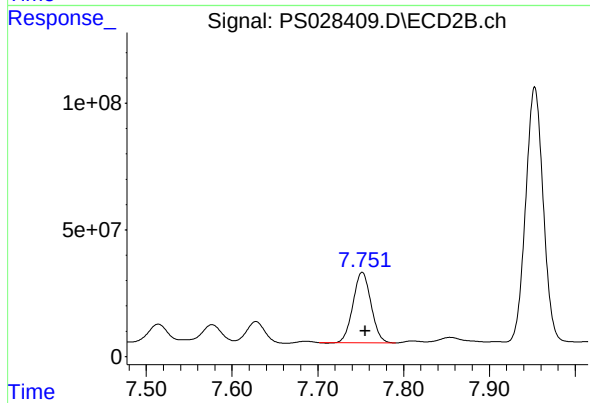
#3 4-Nitrophenol

R.T.: 7.278 min
Delta R.T.: -0.003 min
Response: 115906198
Conc: 109.45 ng/ml



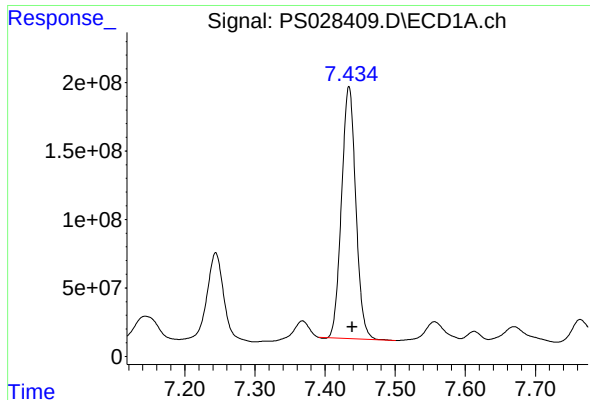
#4 2,4-DCAA

R.T.: 7.244 min
Delta R.T.: -0.006 min
Response: 1045592343
Conc: 378.73 ng/ml



#4 2,4-DCAA

R.T.: 7.752 min
Delta R.T.: -0.004 min
Response: 405364366
Conc: 254.40 ng/ml



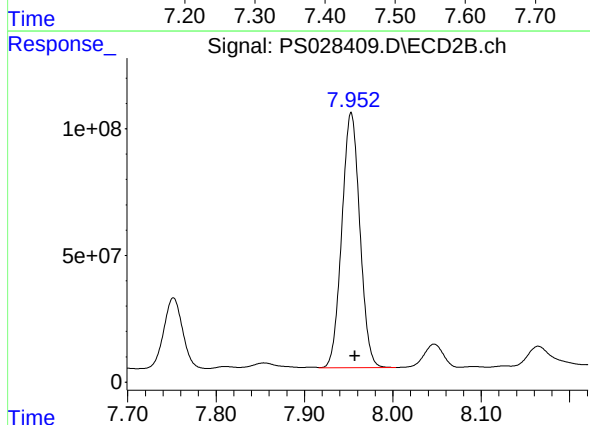
#5 DICAMBA

R.T.: 7.434 min
Delta R.T.: -0.005 min
Response: 2602858193
Conc: 216.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
CC0R8MSD

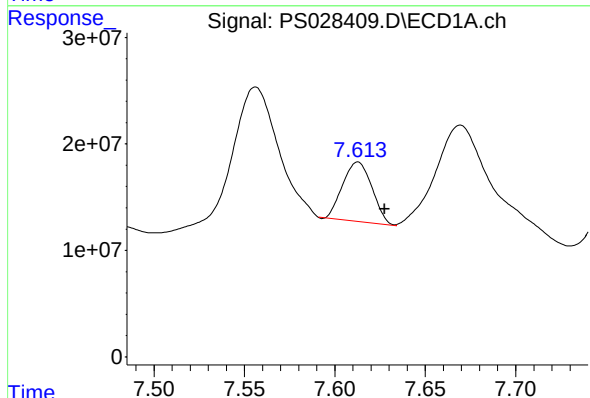
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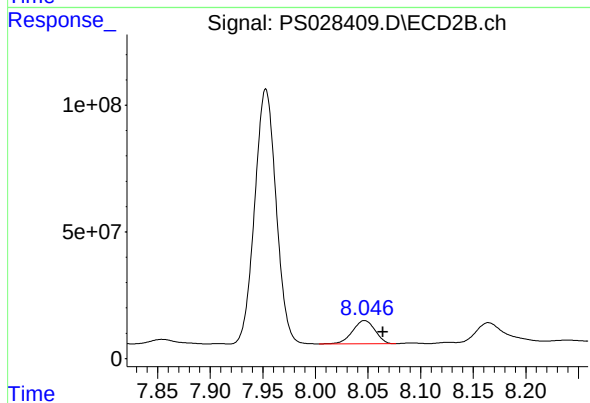
#5 DICAMBA

R.T.: 7.953 min
Delta R.T.: -0.004 min
Response: 1428041784
Conc: 199.18 ng/ml



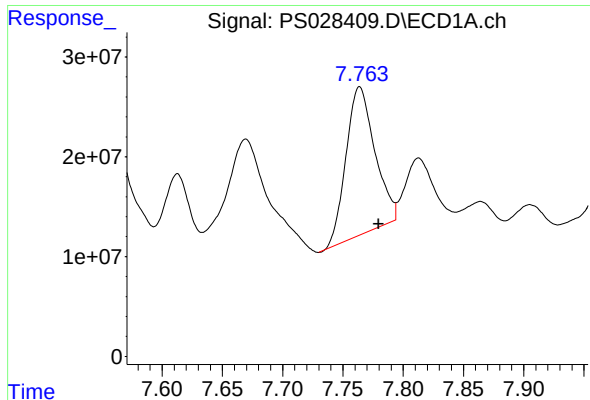
#6 MCPP

R.T.: 7.613 min
Delta R.T.: -0.015 min
Response: 63258269
Conc: 7.73 ug/ml



#6 MCPP

R.T.: 8.047 min
Delta R.T.: -0.018 min
Response: 137854159
Conc: 23.47 ug/ml



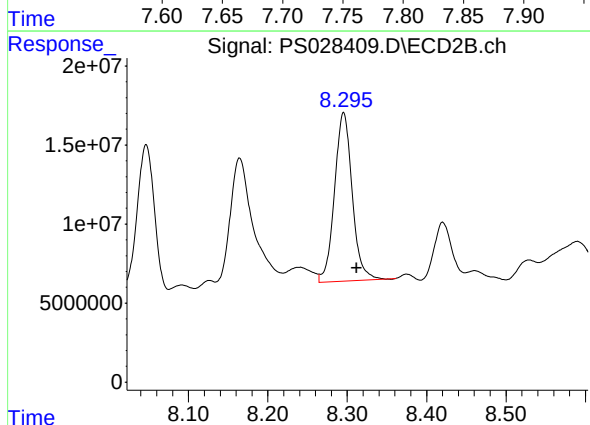
#7 MCPA

R.T.: 7.764 min
Delta R.T.: -0.016 min
Response: 246300289
Conc: 21.97 ug/ml

Instrument :
ECD_S
ClientSampleId :
CC0R8MSD

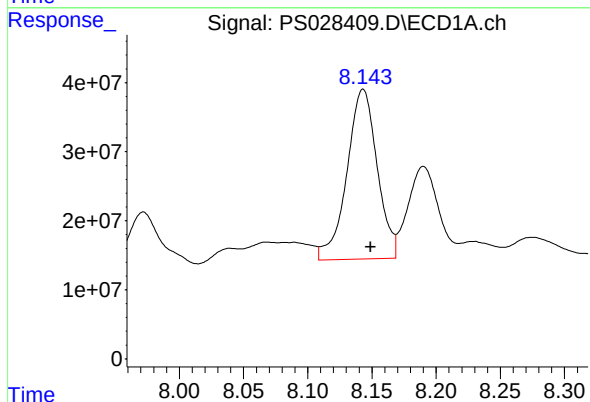
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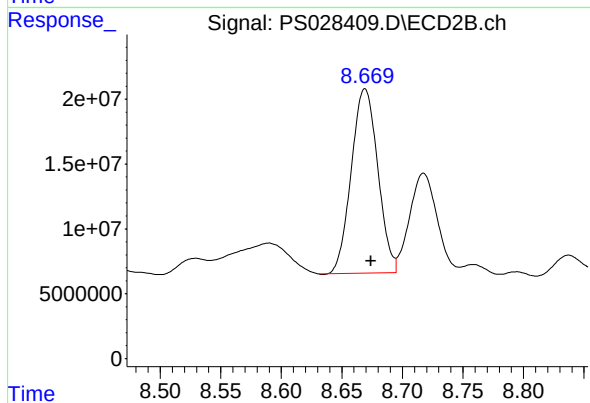
#7 MCPA

R.T.: 8.295 min
Delta R.T.: -0.016 min
Response: 165783605
Conc: 20.70 ug/ml



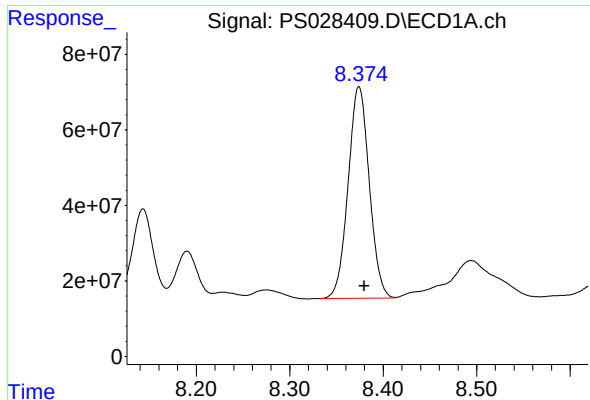
#8 DICHLORPROP

R.T.: 8.143 min
Delta R.T.: -0.006 min
Response: 404271593
Conc: 130.43 ng/ml



#8 DICHLORPROP

R.T.: 8.669 min
Delta R.T.: -0.005 min
Response: 216592407
Conc: 121.59 ng/ml



#9 2,4-D

R.T.: 8.374 min
Delta R.T.: -0.006 min
Response: 880624158
Conc: 250.59 ng/ml

Instrument :

ECD_S

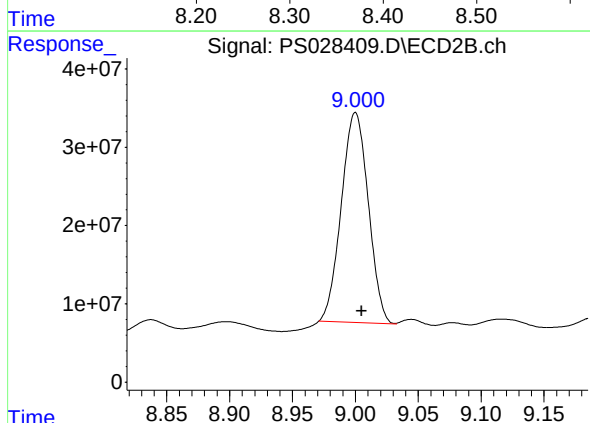
ClientSampleId :

CC0R8MSD

Manual Integrations

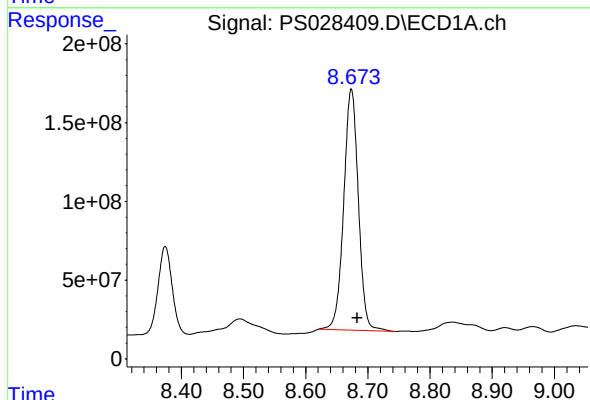
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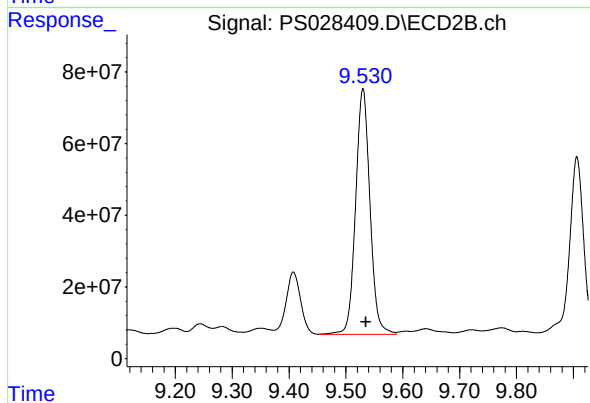
#9 2,4-D

R.T.: 9.000 min
Delta R.T.: -0.005 min
Response: 399966313
Conc: 206.83 ng/ml



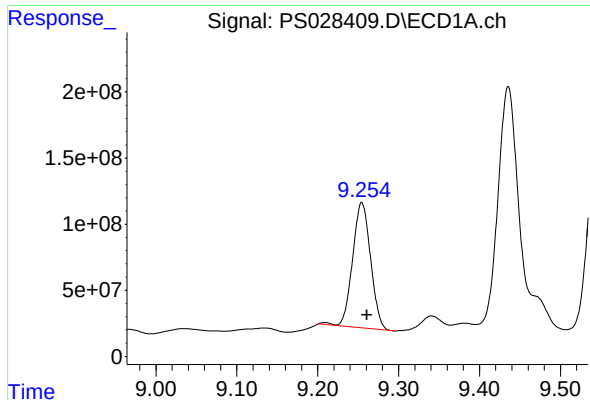
#10 Pentachlorophenol

R.T.: 8.673 min
Delta R.T.: -0.009 min
Response: 2504168387
Conc: 55.60 ng/ml



#10 Pentachlorophenol

R.T.: 9.530 min
Delta R.T.: -0.006 min
Response: 1201345789
Conc: 48.21 ng/ml



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

R.T.: 9.255 min
Delta R.T.: -0.006 min
Response: 1461520758
Conc: 77.21 ng/ml

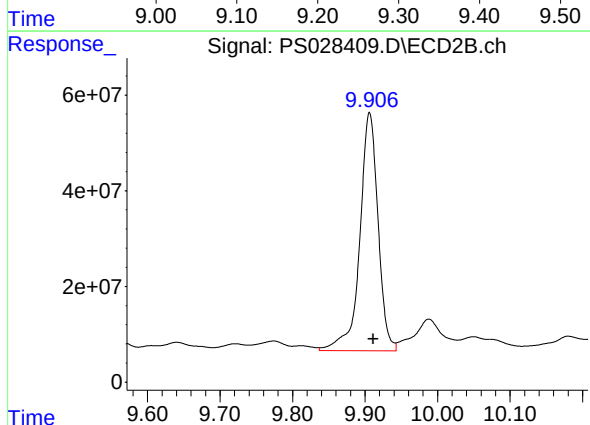
Instrument :

ECD_S

ClientSampleId :
CC0R8MSD

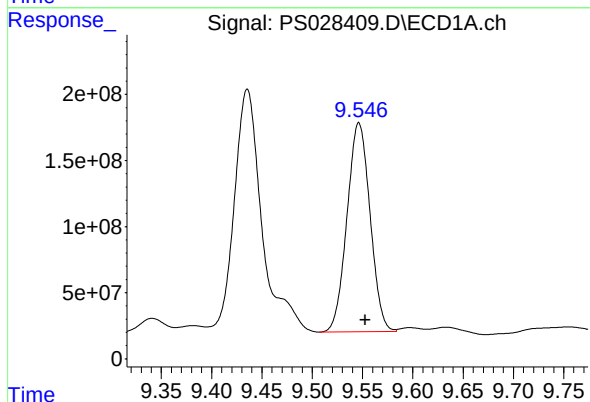
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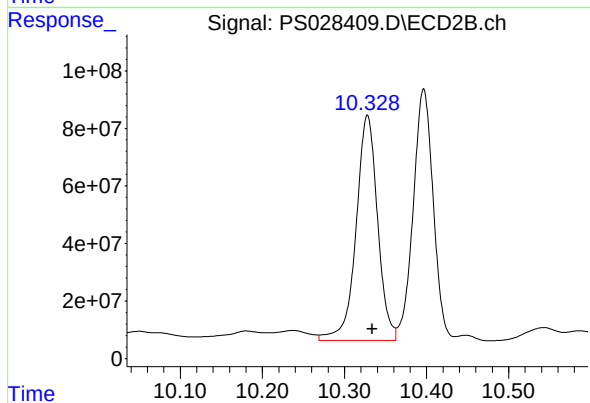
#11 2,4,5-TP (SILVEX)

R.T.: 9.906 min
Delta R.T.: -0.005 min
Response: 872696959
Conc: 82.39 ng/ml



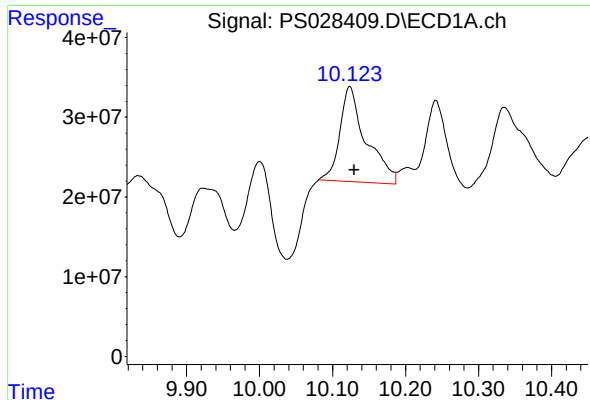
#12 2,4,5-T

R.T.: 9.546 min
Delta R.T.: -0.006 min
Response: 2520037778
Conc: 130.03 ng/ml



#12 2,4,5-T

R.T.: 10.328 min
Delta R.T.: -0.006 min
Response: 1427819090
Conc: 137.61 ng/ml



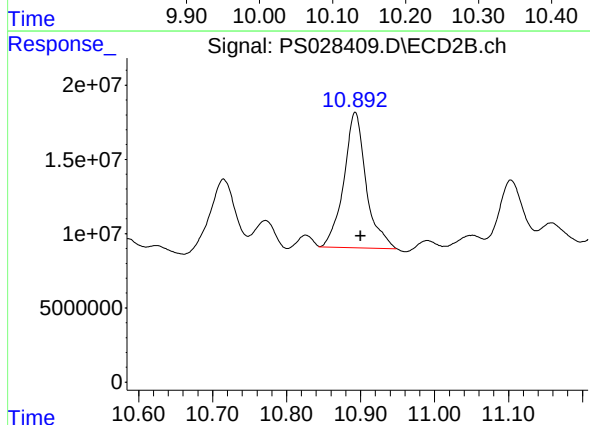
#13 2,4-DB

R.T.: 10.124 min
Delta R.T.: -0.006 min
Response: 296609521
Conc: 95.96 ng/ml

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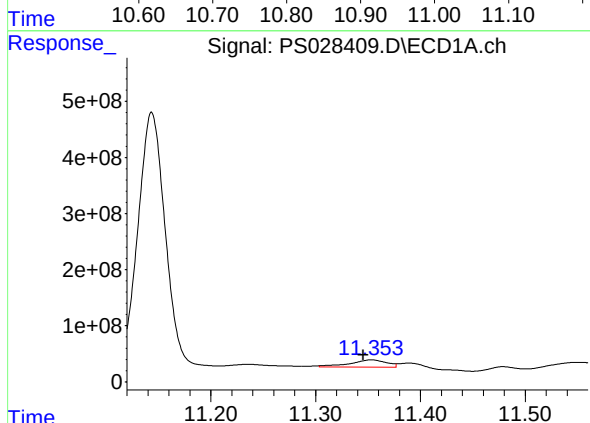
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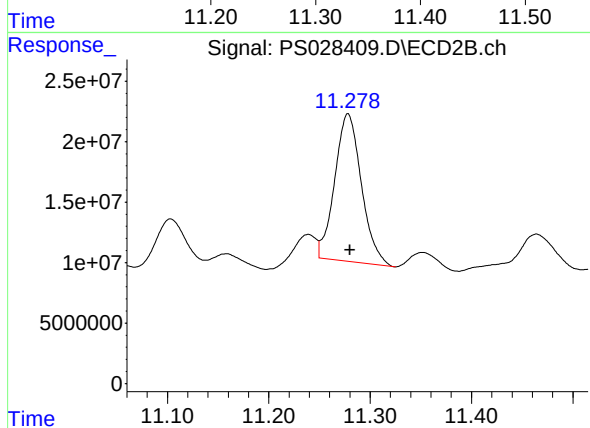
#13 2,4-DB

R.T.: 10.892 min
Delta R.T.: -0.008 min
Response: 191406489
Conc: 144.43 ng/ml



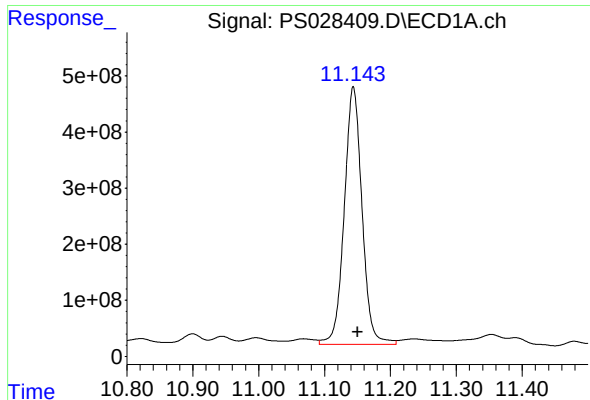
#14 DINOSEB

R.T.: 11.353 min
Delta R.T.: 0.007 min
Response: 318986935
Conc: 19.67 ng/ml



#14 DINOSEB

R.T.: 11.278 min
Delta R.T.: -0.002 min
Response: 223036221
Conc: 31.08 ng/ml



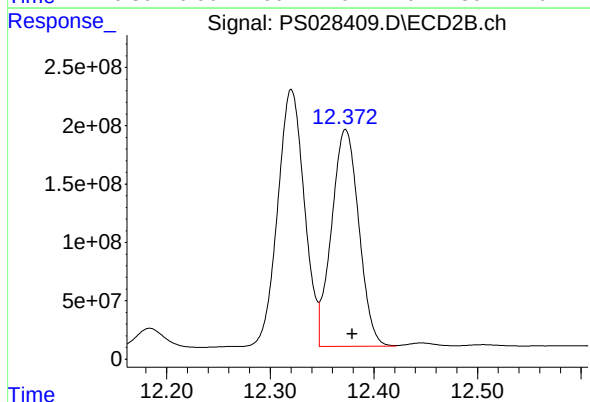
#15 Picloram

R.T.: 11.144 min
Delta R.T.: -0.007 min
Response: 8598972879
Conc: 273.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
CC0R8MSD

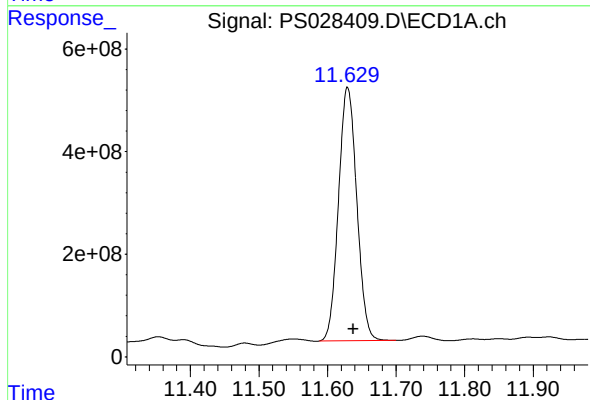
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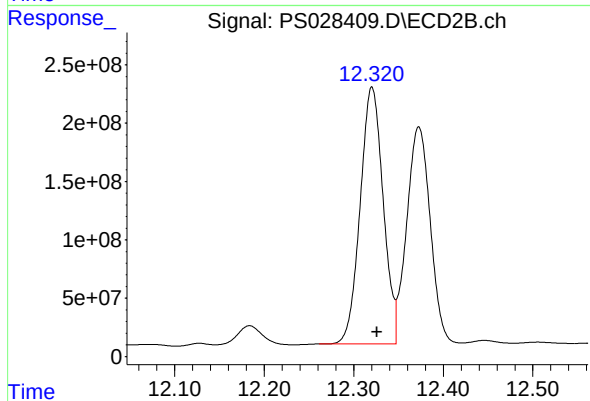
#15 Picloram

R.T.: 12.373 min
Delta R.T.: -0.007 min
Response: 3398732827
Conc: 236.15 ng/ml



#16 DCPA

R.T.: 11.629 min
Delta R.T.: -0.008 min
Response: 9152704924
Conc: 342.46 ng/ml



#16 DCPA

R.T.: 12.320 min
Delta R.T.: -0.006 min
Response: 3936562695
Conc: 351.16 ng/ml