

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS011623\
 Data File : PS021792.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jan 2023 22:47
 Operator : AR\AJ
 Sample : 01159-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-EMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/17/2023
 Supervised By : Ankita Jodhani 01/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 17 02:51:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS010923.M
 Quant Title : 8080.M
 QLast Update : Tue Jan 10 10:34:52 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
 Signal #1 Info : 30M x 0.32mm x 0.5 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	6.374	6.809	983.8E6	613.6E6	353.422	341.539
Target Compounds							
2) T	3,5-DICHL...	5.748	5.991	817.7E6	564.1E6	211.399	204.710
3) T	4-Nitroph...	6.215	6.426	532.7E6	382.0E6	365.490	348.510
5) T	DICAMBA	6.516	6.972	3274.8E6	2154.1E6	267.832	253.340
6) T	MCP	6.667	7.065	118.1E6	96434282	12.321	14.542
7) T	MCPA	6.792	7.277	273.4E6	240.0E6	21.164m	26.466 #
8) T	DICHLORPROP	7.113	7.598	517.1E6	479.4E6	160.319m	224.699 #
9) T	2,4-D	7.318	7.889	851.6E6	680.3E6	219.262	269.257
10) T	Pentachlo...	7.544	8.316	4398.3E6	2811.0E6	105.592	97.948
11) T	2,4,5-TP ...	8.072	8.677	2097.9E6	1339.9E6	113.854	112.685
12) T	2,4,5-T	8.333	9.056	3232.4E6	1904.8E6	167.691	170.525
13) T	2,4-DB	8.846	9.563	416.4E6	172.5E6	131.545	115.143
14) T	DINOSEB	9.894	9.887	415.2E6	236.7E6	25.295	28.475m
15) T	Picloram	9.732	10.860	7994.9E6	5086.0E6	281.832	287.205
16) T	DCPA	10.161	10.816	9604.3E6	5309.0E6	388.777	380.850

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

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Acq On : 16 Jan 2023 22:47
Operator : AR\AJ
Sample : 01159-01MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

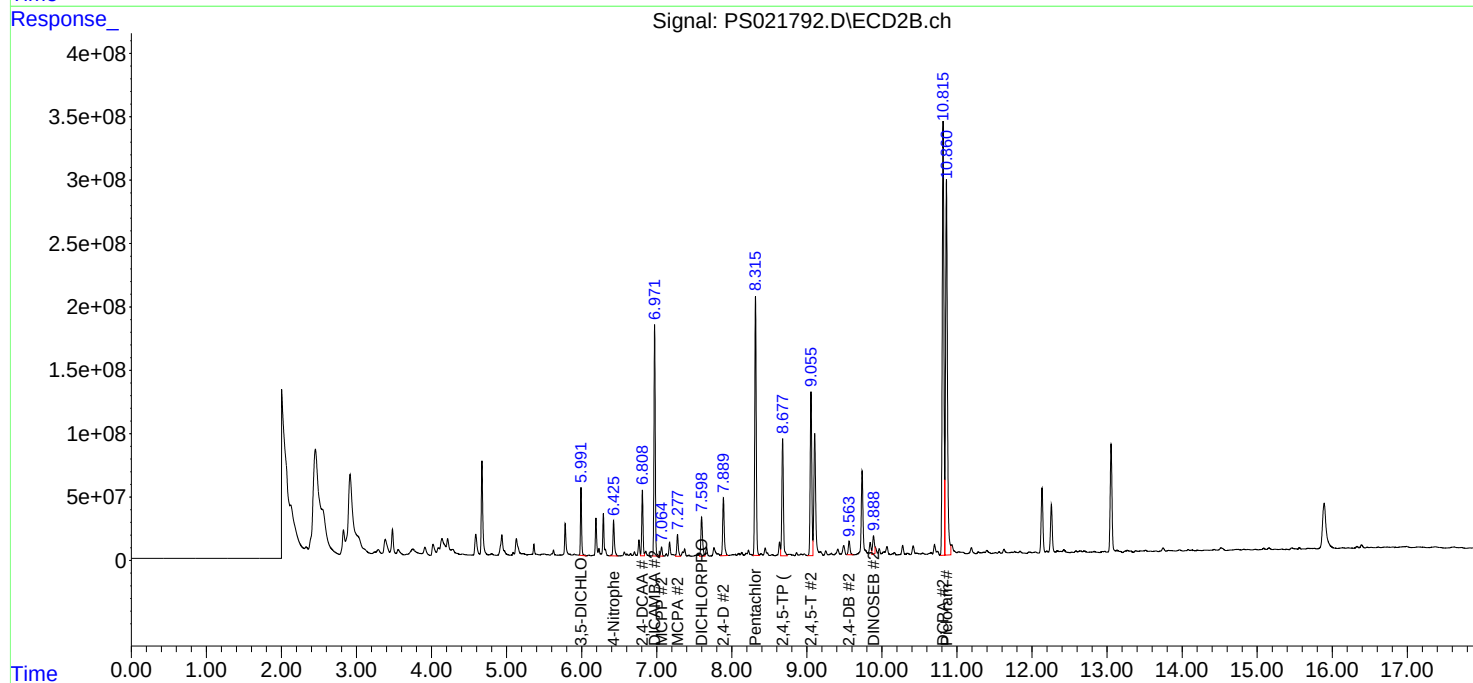
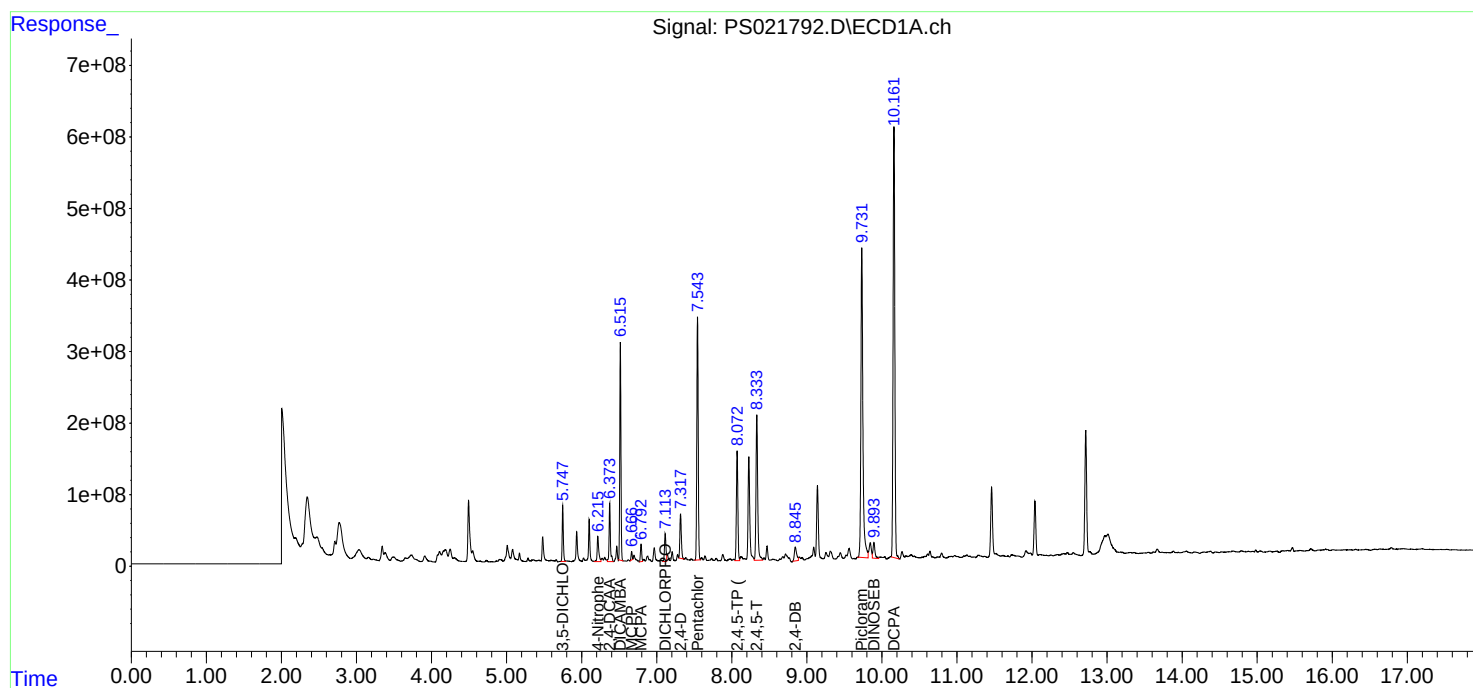
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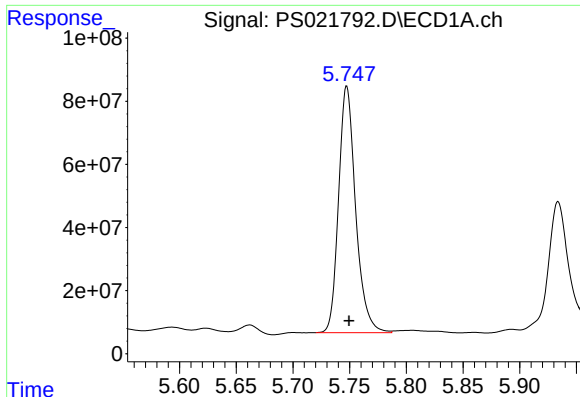
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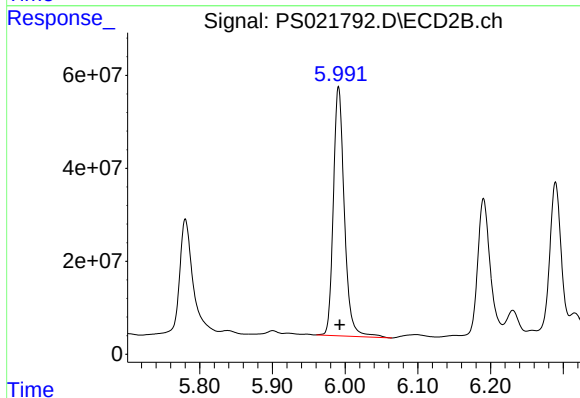
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.748 min
Delta R.T.: -0.002 min
Response: 817749664
Conc: 211.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-EMSD

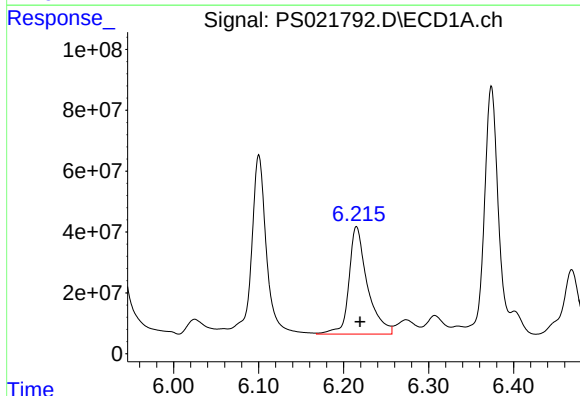
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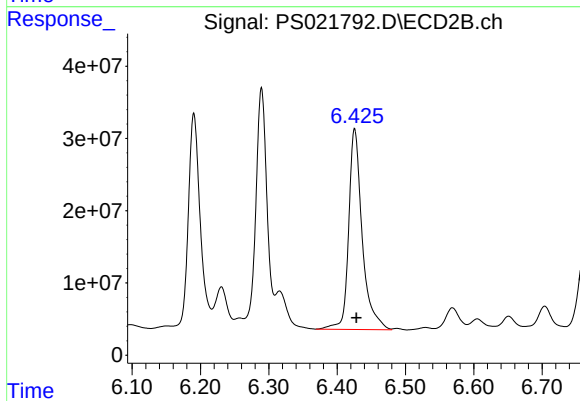
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.991 min
Delta R.T.: -0.001 min
Response: 564148197
Conc: 204.71 ng/ml



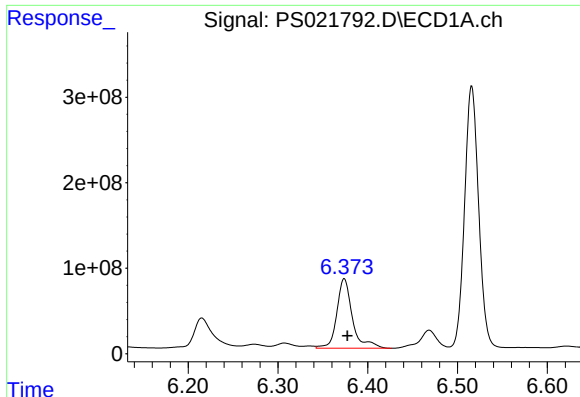
#3 4-Nitrophenol

R.T.: 6.215 min
Delta R.T.: -0.004 min
Response: 532744038
Conc: 365.49 ng/ml



#3 4-Nitrophenol

R.T.: 6.426 min
Delta R.T.: -0.002 min
Response: 382045837
Conc: 348.51 ng/ml



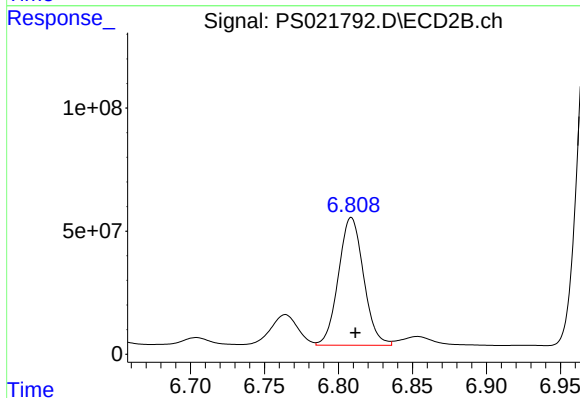
#4 2,4-DCAA

R.T.: 6.374 min
Delta R.T.: -0.003 min
Response: 983772527
Conc: 353.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-EMSD

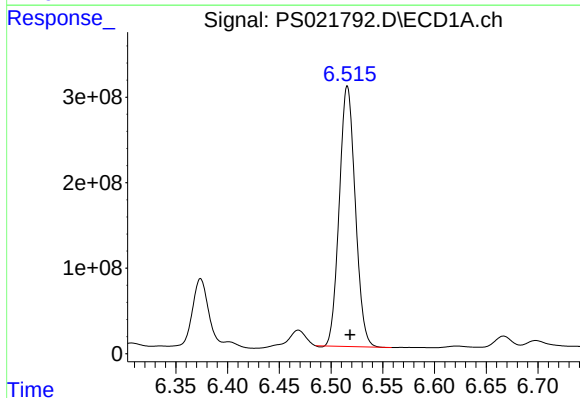
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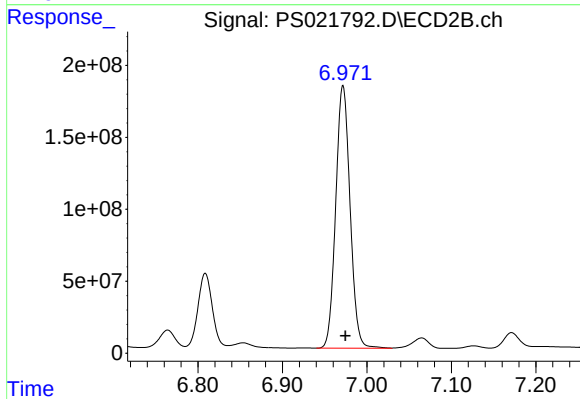
#4 2,4-DCAA

R.T.: 6.809 min
Delta R.T.: -0.003 min
Response: 613638927
Conc: 341.54 ng/ml



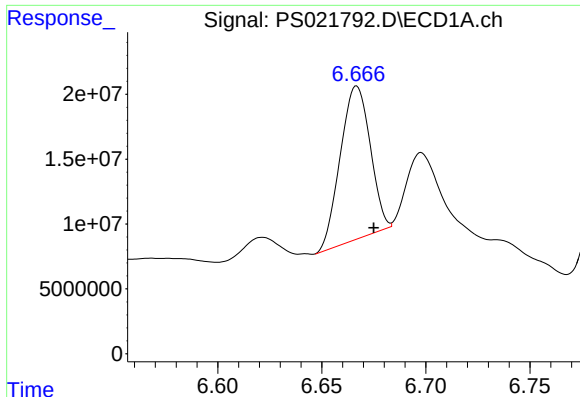
#5 DICAMBA

R.T.: 6.516 min
Delta R.T.: -0.003 min
Response: 3274823718
Conc: 267.83 ng/ml



#5 DICAMBA

R.T.: 6.972 min
Delta R.T.: -0.003 min
Response: 2154089965
Conc: 253.34 ng/ml



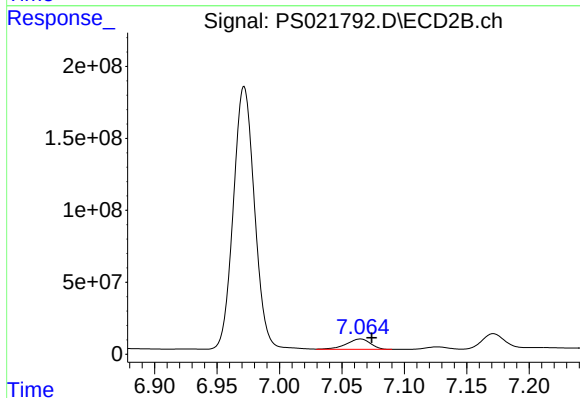
#6 MCPP

R.T.: 6.667 min
Delta R.T.: -0.008 min
Response: 118056462
Conc: 12.32 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-EMSD

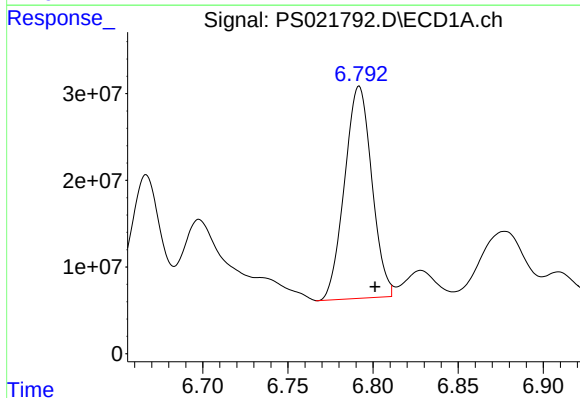
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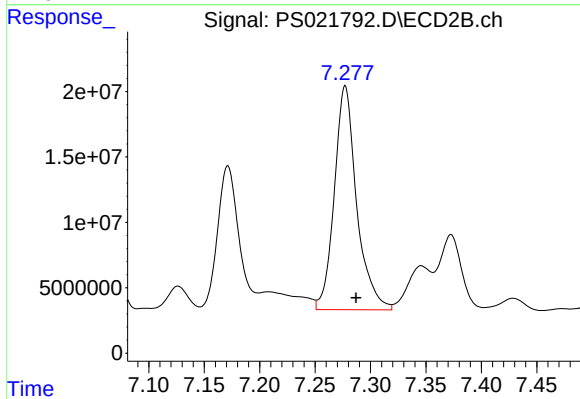
#6 MCPP

R.T.: 7.065 min
Delta R.T.: -0.009 min
Response: 96434282
Conc: 14.54 ug/ml



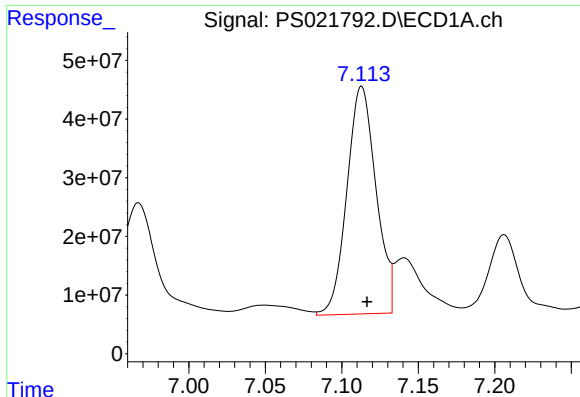
#7 MCPA

R.T.: 6.792 min
Delta R.T.: -0.010 min
Response: 273370435
Conc: 21.16 ug/ml m



#7 MCPA

R.T.: 7.277 min
Delta R.T.: -0.010 min
Response: 240034431
Conc: 26.47 ug/ml



#8 DICHLORPROP

R.T.: 7.113 min
Delta R.T.: -0.004 min
Response: 517071845
Conc: 160.32 ng/ml

Instrument :

ECD_S

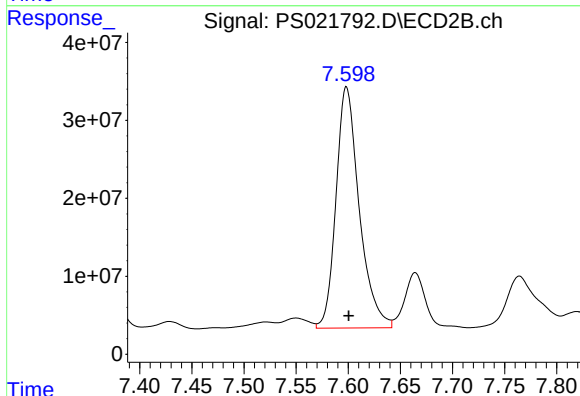
ClientSampleId :

TP-EMSD

Manual Integrations

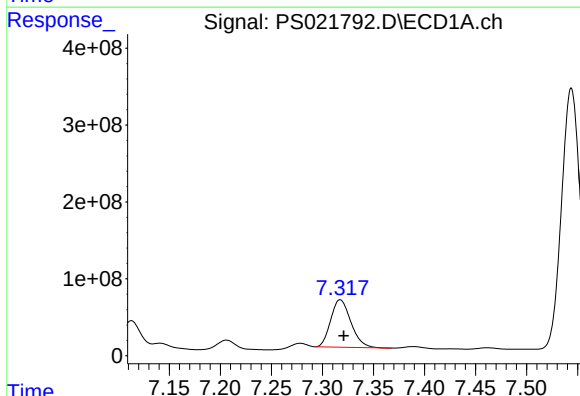
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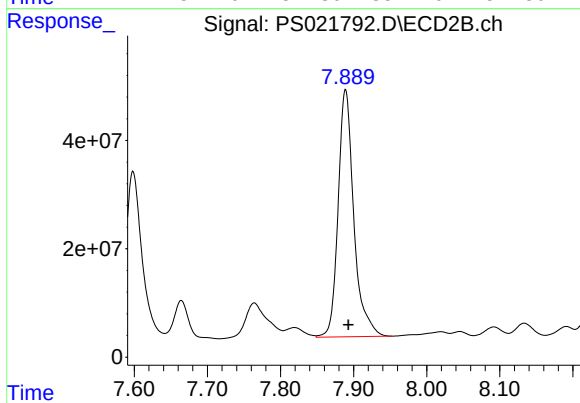
#8 DICHLORPROP

R.T.: 7.598 min
Delta R.T.: -0.002 min
Response: 479402548
Conc: 224.70 ng/ml



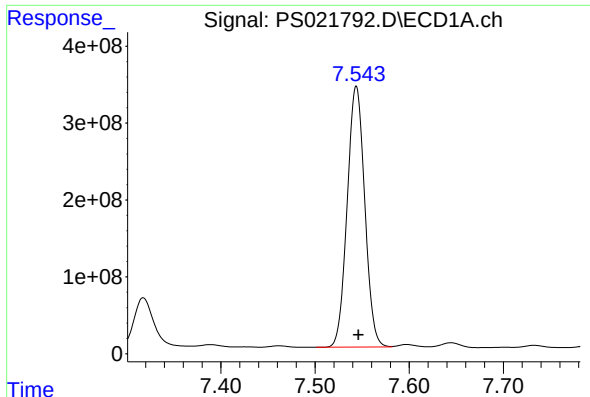
#9 2,4-D

R.T.: 7.318 min
Delta R.T.: -0.003 min
Response: 851569004
Conc: 219.26 ng/ml



#9 2,4-D

R.T.: 7.889 min
Delta R.T.: -0.004 min
Response: 680283097
Conc: 269.26 ng/ml



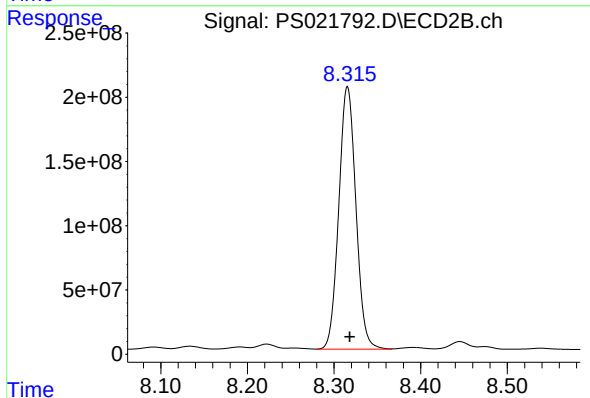
#10 Pentachlorophenol

R.T.: 7.544 min
Delta R.T.: -0.002 min
Response: 4398348693
Conc: 105.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-EMSD

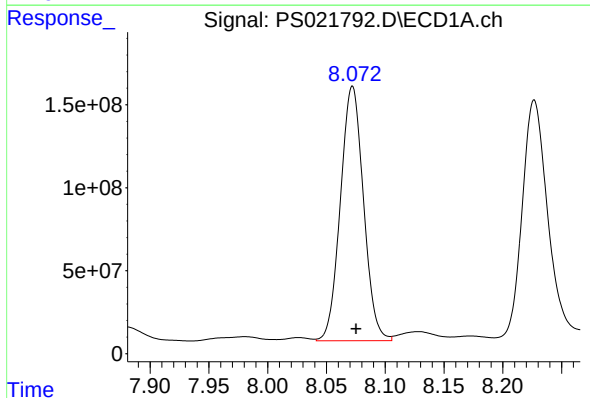
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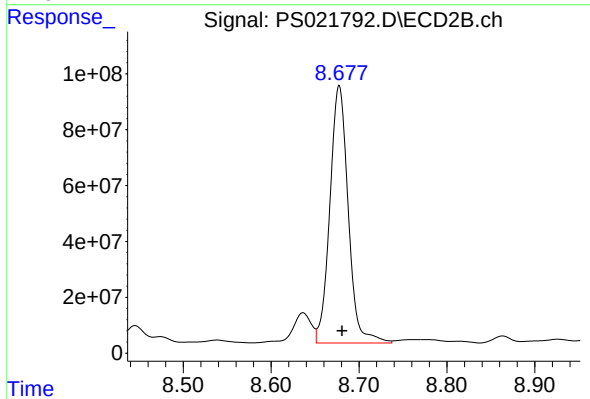
#10 Pentachlorophenol

R.T.: 8.316 min
Delta R.T.: -0.003 min
Response: 2810964470
Conc: 97.95 ng/ml



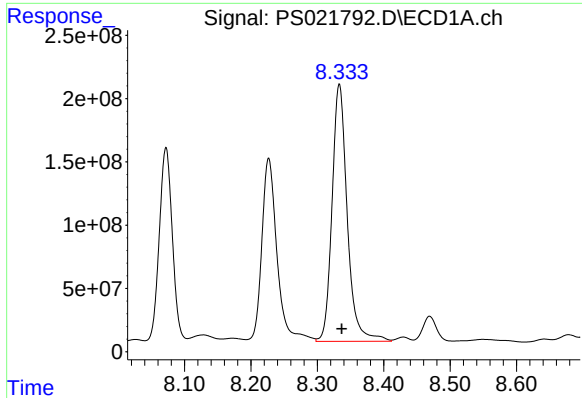
#11 2,4,5-TP (SILVEX)

R.T.: 8.072 min
Delta R.T.: -0.003 min
Response: 2097887547
Conc: 113.85 ng/ml



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

R.T.: 8.677 min
Delta R.T.: -0.003 min
Response: 1339863450
Conc: 112.68 ng/ml



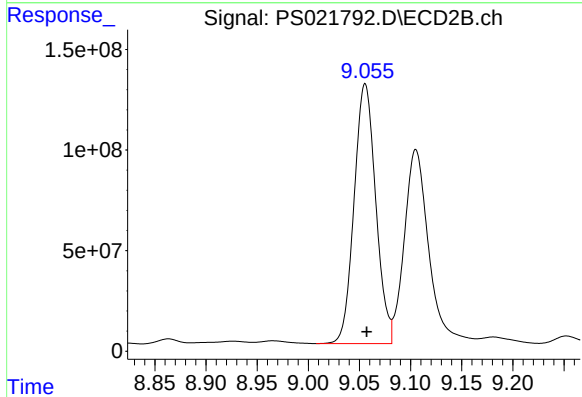
#12 2,4,5-T

R.T.: 8.333 min
Delta R.T.: -0.003 min
Response: 3232363210
Conc: 167.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-EMSD

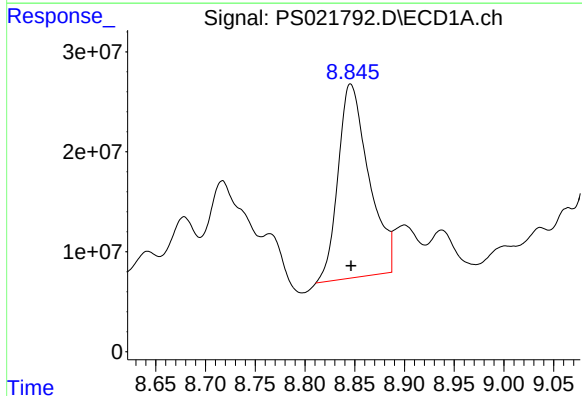
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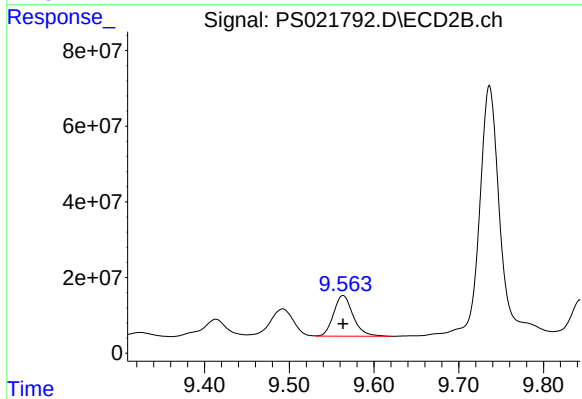
#12 2,4,5-T

R.T.: 9.056 min
Delta R.T.: -0.002 min
Response: 1904760583
Conc: 170.52 ng/ml



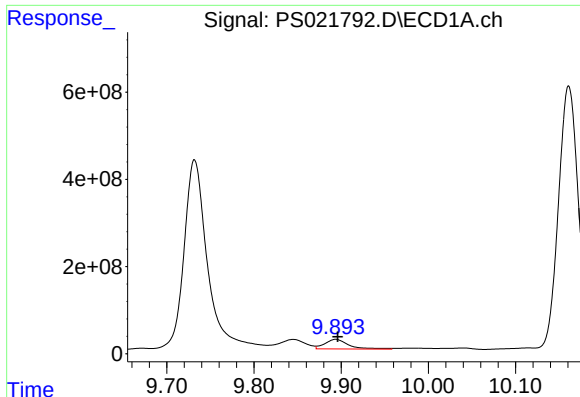
#13 2,4-DB

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 416396592
Conc: 131.54 ng/ml



#13 2,4-DB

R.T.: 9.563 min
Delta R.T.: 0.000 min
Response: 172513228
Conc: 115.14 ng/ml



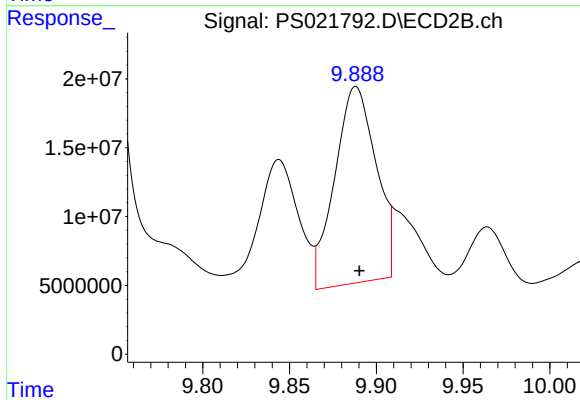
#14 DINOSEB

R.T.: 9.894 min
Delta R.T.: -0.002 min
Response: 415180441
Conc: 25.29 ng/ml

Instrument :
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ClientSampleId :
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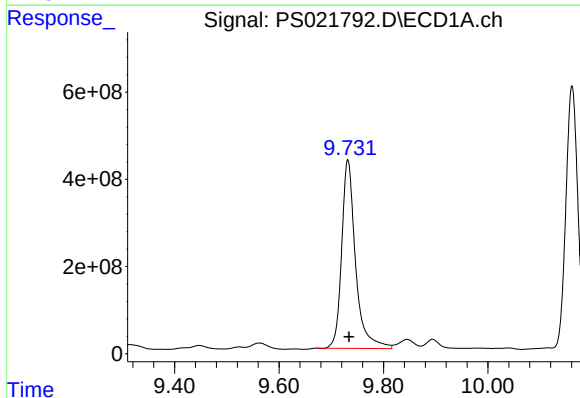
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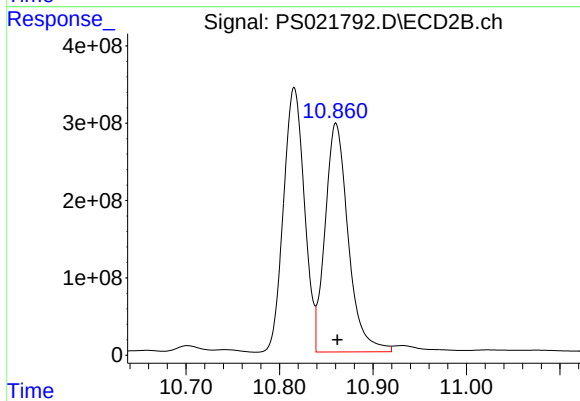
#14 DINOSEB

R.T.: 9.887 min
Delta R.T.: -0.003 min
Response: 236652721
Conc: 28.48 ng/ml m



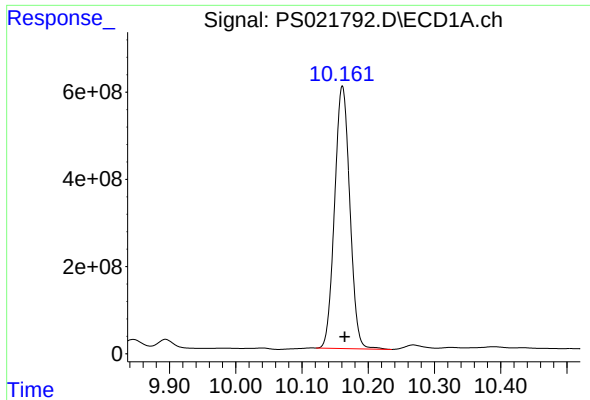
#15 Picloram

R.T.: 9.732 min
Delta R.T.: -0.002 min
Response: 7994852347
Conc: 281.83 ng/ml



#15 Picloram

R.T.: 10.860 min
Delta R.T.: -0.002 min
Response: 5085970257
Conc: 287.21 ng/ml



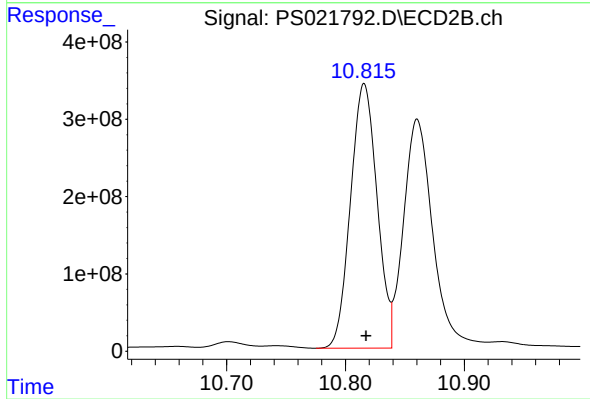
#16 DCPA

R.T.: 10.161 min
Delta R.T.: -0.004 min
Response: 9604284561
Conc: 388.78 ng/ml

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#16 DCPA

R.T.: 10.816 min
Delta R.T.: -0.002 min
Response: 5308958799
Conc: 380.85 ng/ml