

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012122\
 Data File : PL072156.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2022 11:37
 Operator : AR\AJ
 Sample : WATER IDOC 04
 Misc : FOR HAROON MUGHAL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WATER IDOC 04

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/24/2022
 Supervised By :Ankita Jodhani 01/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 01:57:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011722.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 18 10:53:59 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.556	5.491	10868170	31738112	19.576	19.542
28)	SA Decachlor...	10.314	11.382	18476389	33302206	20.797m	20.640
Target Compounds							
2)	A alpha-BHC	5.262	6.072	37000025	115.7E6	47.852	47.954
3)	MA gamma-BHC...	5.685	6.469	36288626	109.3E6	48.127	48.551
4)	MA Heptachlor	6.091	7.114	40930053	112.6E6	47.444	48.576
5)	MB Aldrin	6.415	7.484	36627491	106.1E6	46.385	47.966
6)	B beta-BHC	6.070	6.728	16042711	48985616	48.531	49.475
7)	B delta-BHC	6.328	6.994	37317491	110.6E6	47.110	44.956
8)	B Heptachlo...	6.993	7.952	36543225	98944946	48.005	49.416
9)	A Endosulfan I	7.394	8.357	34883606	90475609	49.083	49.984
10)	B gamma-Chl...	7.269	8.223	37394943	98956712	47.593	48.969
11)	B alpha-Chl...	7.338	8.302	37391806	97052555	47.663	48.947
12)	B 4,4'-DDE	7.554	8.493	35272647	95158256	48.855	50.315
13)	MA Dieldrin	7.679	8.646	35821747	93013893	47.282m	47.345
14)	MA Endrin	7.972	8.885	31086228	73884607	44.367	44.562
15)	B Endosulfa...	8.284	9.121	32140655	76562884	43.227	44.645
16)	A 4,4'-DDD	8.140	9.033	30487031	75078252	52.006	52.510
17)	MA 4,4'-DDT	8.400	9.350	29398889	72865717	44.271	46.102
18)	B Endrin al...	8.473	9.256	27111791	62319713	47.585	50.202
19)	B Endosulfa...	8.704	9.494	34295365	75178205	46.776	48.156
20)	A Methoxychlor	8.996	9.837	18132954	36509851	42.980	44.075
21)	B Endrin ke...	9.221	9.990	41668395	83685836	50.040	50.565
22)	Mirex	9.403	10.453	35054120	60434010	47.468	48.433

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

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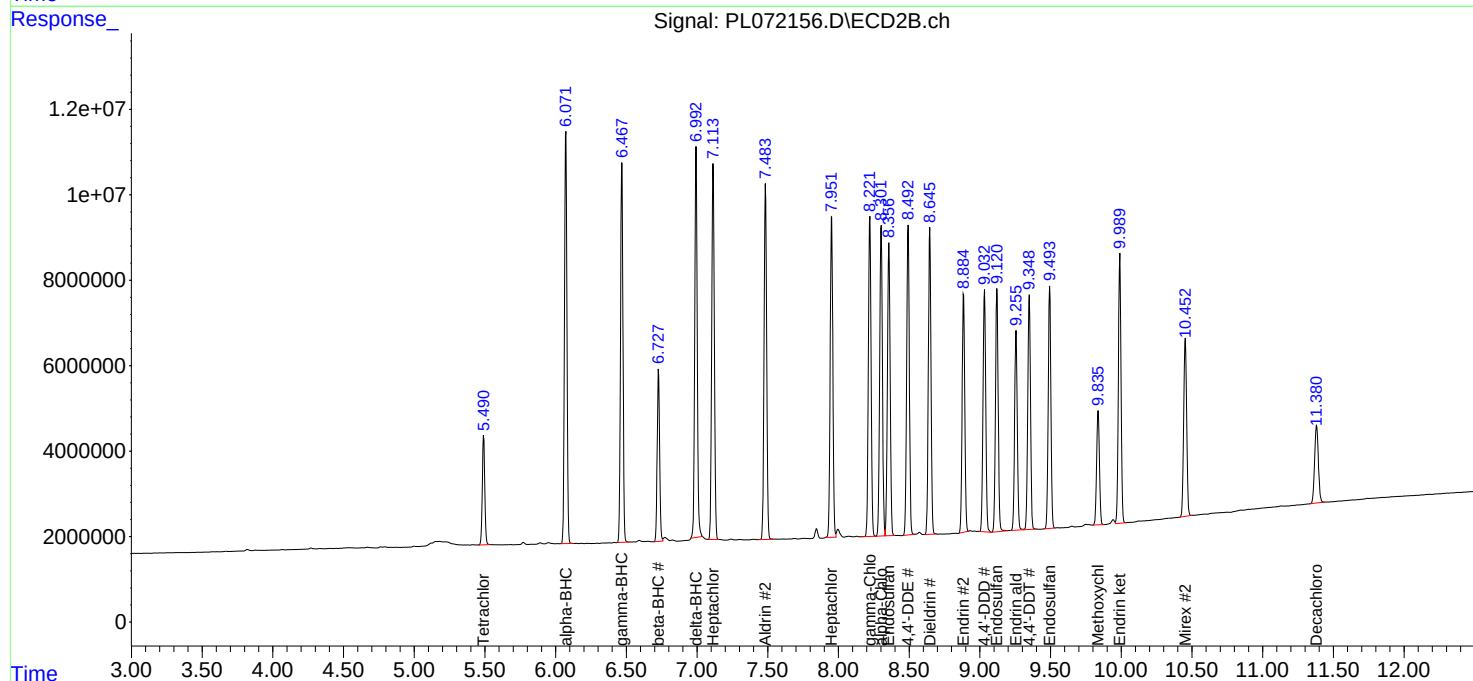
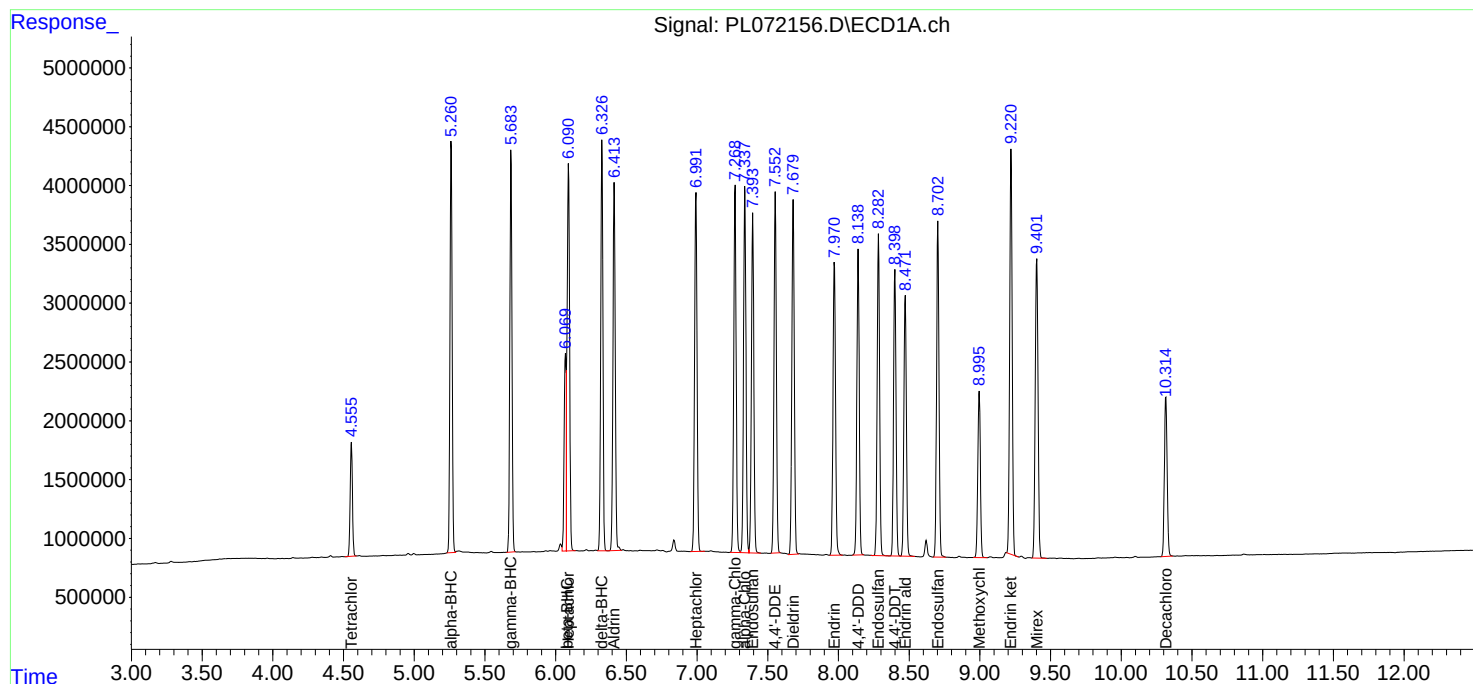
Instrument :
 ECD_L
 ClientSampleId :
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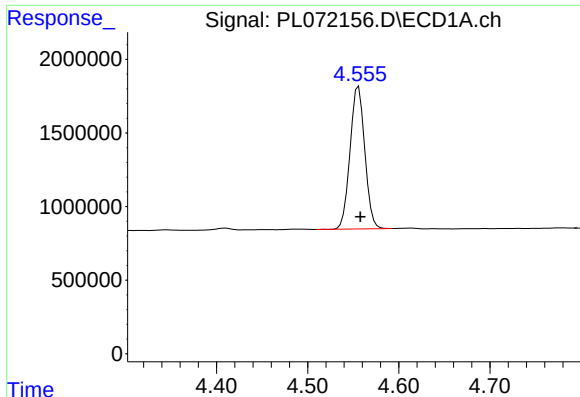
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 01:57:01 2022
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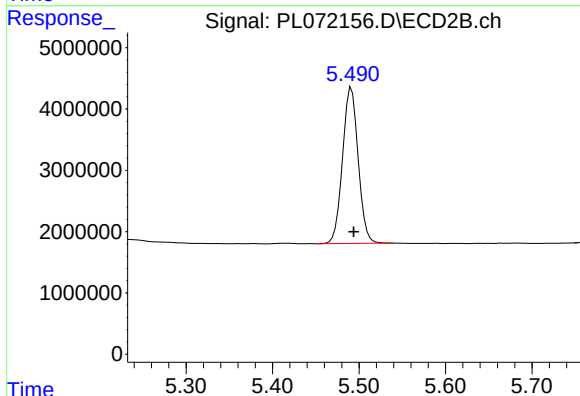
#1 Tetrachloro-m-xylene

R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 10868170
Conc: 19.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 04

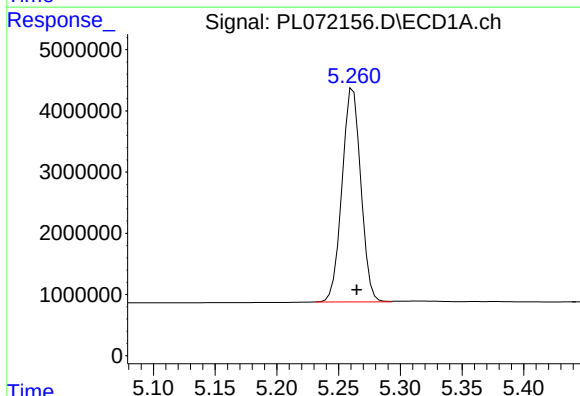
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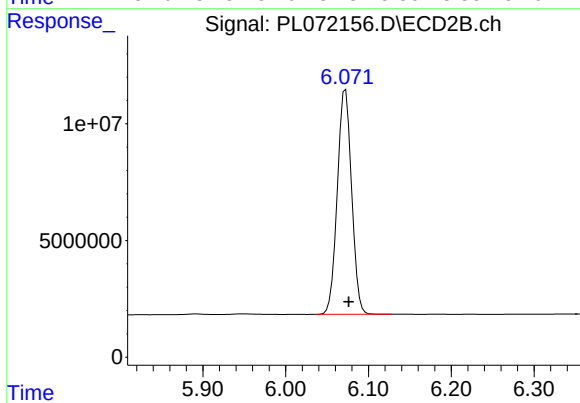
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: -0.003 min
Response: 31738112
Conc: 19.54 ng/ml



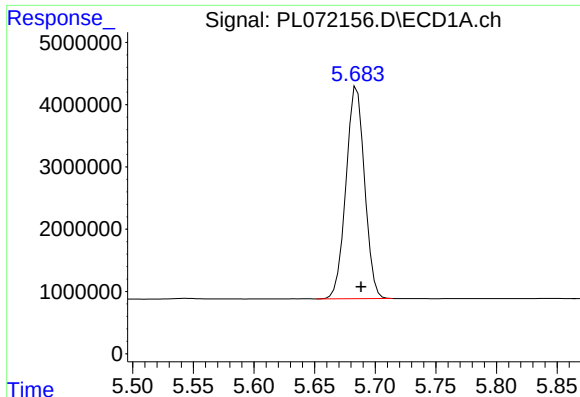
#2 alpha-BHC

R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 37000025
Conc: 47.85 ng/ml



#2 alpha-BHC

R.T.: 6.072 min
Delta R.T.: -0.004 min
Response: 115705647
Conc: 47.95 ng/ml



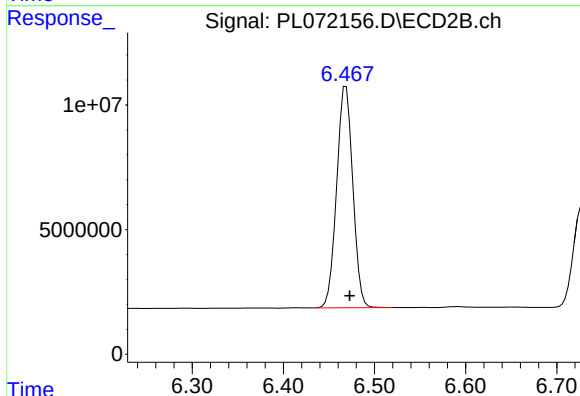
#3 gamma-BHC (Lindane)

R.T.: 5.685 min
Delta R.T.: -0.003 min
Response: 36288626
Conc: 48.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 04

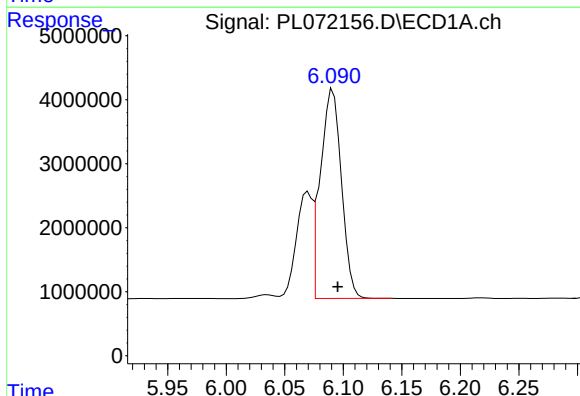
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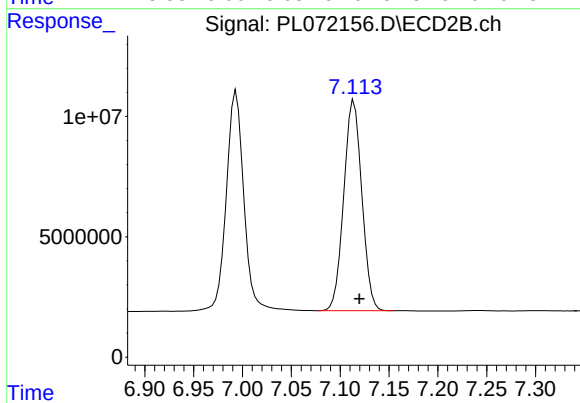
#3 gamma-BHC (Lindane)

R.T.: 6.469 min
Delta R.T.: -0.004 min
Response: 109255680
Conc: 48.55 ng/ml



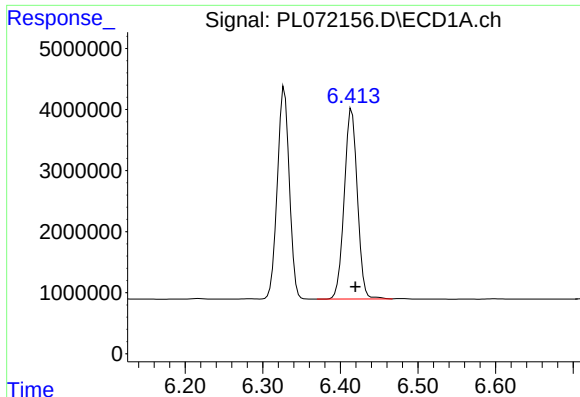
#4 Heptachlor

R.T.: 6.091 min
Delta R.T.: -0.004 min
Response: 40930053
Conc: 47.44 ng/ml



#4 Heptachlor

R.T.: 7.114 min
Delta R.T.: -0.006 min
Response: 112622869
Conc: 48.58 ng/ml



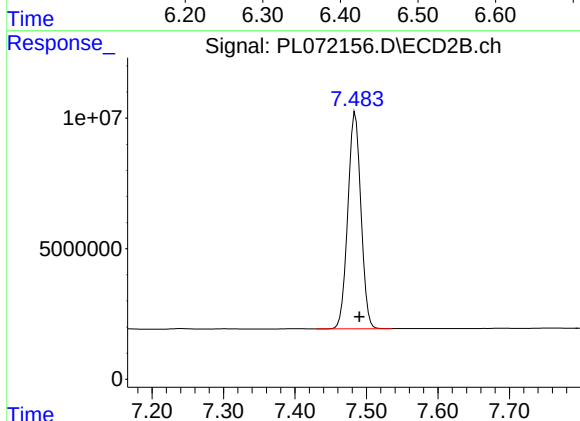
#5 Aldrin

R.T.: 6.415 min
Delta R.T.: -0.004 min
Response: 36627491
Conc: 46.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 04

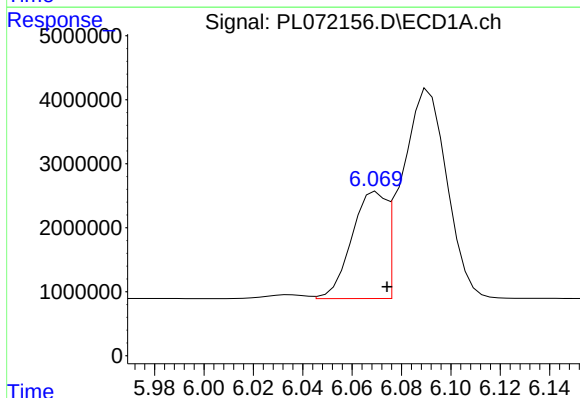
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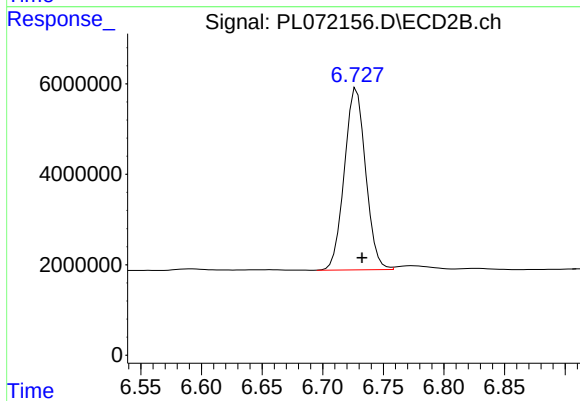
#5 Aldrin

R.T.: 7.484 min
Delta R.T.: -0.006 min
Response: 106062778
Conc: 47.97 ng/ml



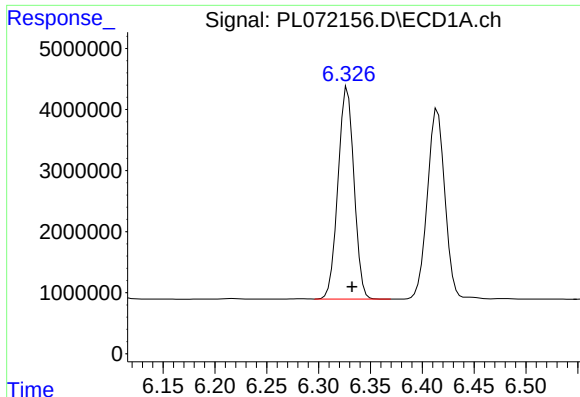
#6 beta-BHC

R.T.: 6.070 min
Delta R.T.: -0.004 min
Response: 16042711
Conc: 48.53 ng/ml



#6 beta-BHC

R.T.: 6.728 min
Delta R.T.: -0.005 min
Response: 48985616
Conc: 49.47 ng/ml



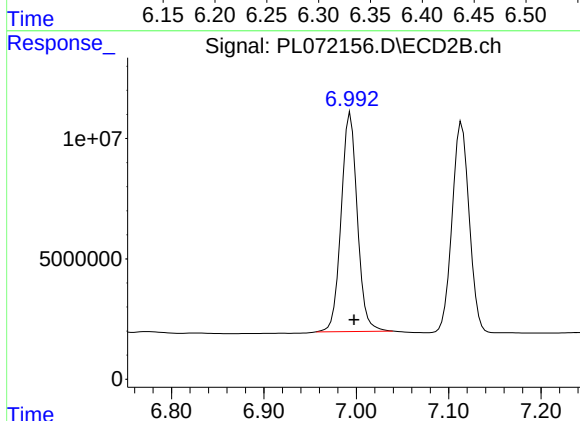
#7 delta-BHC

R.T.: 6.328 min
Delta R.T.: -0.004 min
Response: 37317491
Conc: 47.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 04

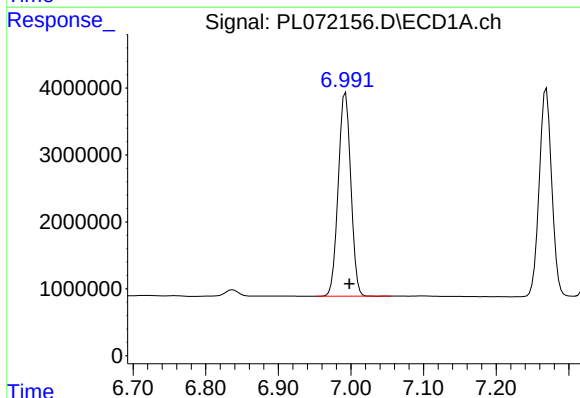
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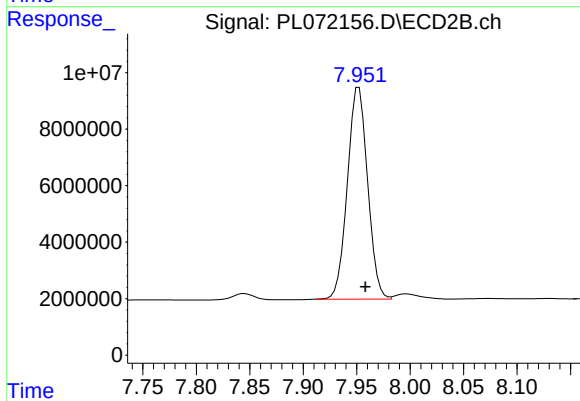
#7 delta-BHC

R.T.: 6.994 min
Delta R.T.: -0.004 min
Response: 110605821
Conc: 44.96 ng/ml



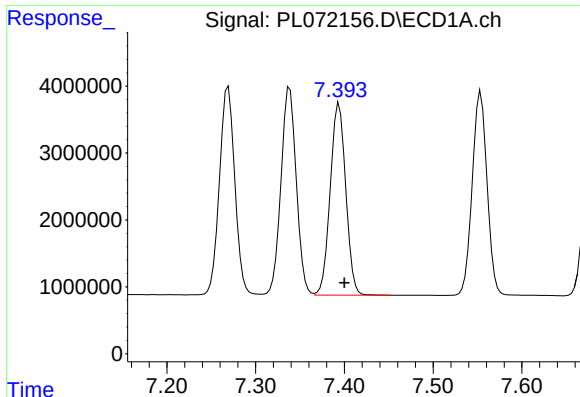
#8 Heptachlor epoxide

R.T.: 6.993 min
Delta R.T.: -0.005 min
Response: 36543225
Conc: 48.01 ng/ml



#8 Heptachlor epoxide

R.T.: 7.952 min
Delta R.T.: -0.006 min
Response: 98944946
Conc: 49.42 ng/ml



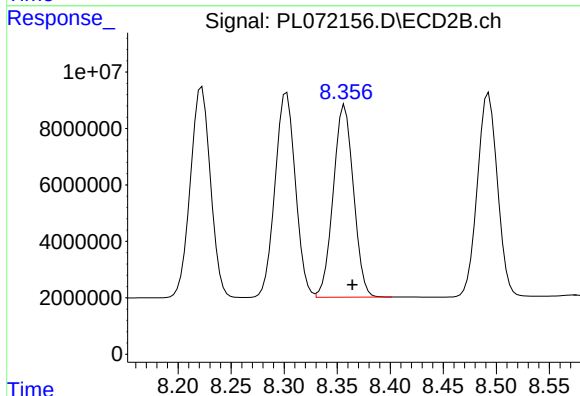
#9 Endosulfan I

R.T.: 7.394 min
Delta R.T.: -0.006 min
Response: 34883606
Conc: 49.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 04

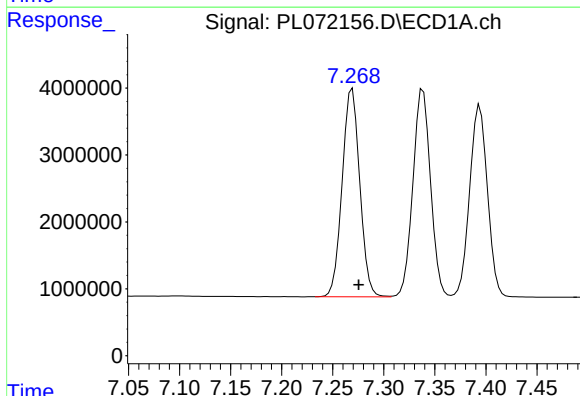
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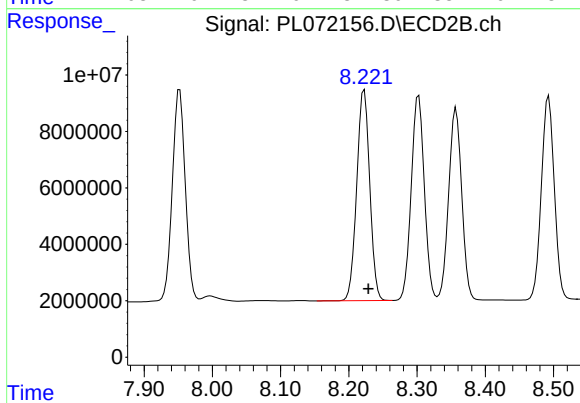
#9 Endosulfan I

R.T.: 8.357 min
Delta R.T.: -0.007 min
Response: 90475609
Conc: 49.98 ng/ml



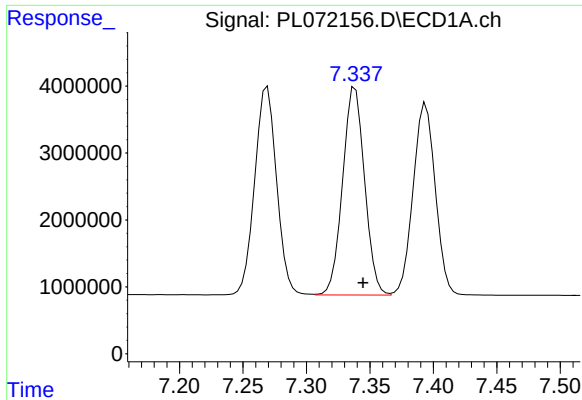
#10 gamma-Chlordane

R.T.: 7.269 min
Delta R.T.: -0.006 min
Response: 37394943
Conc: 47.59 ng/ml



#10 gamma-Chlordane

R.T.: 8.223 min
Delta R.T.: -0.006 min
Response: 98956712
Conc: 48.97 ng/ml



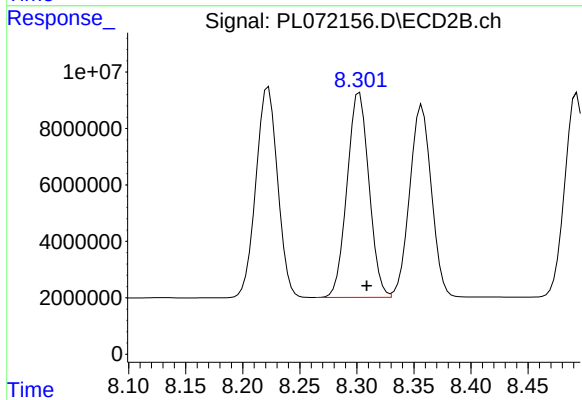
#11 alpha-Chlordane

R.T.: 7.338 min
Delta R.T.: -0.006 min
Response: 37391806
Conc: 47.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 04

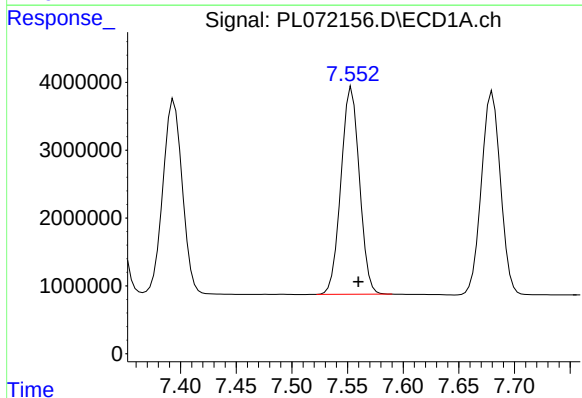
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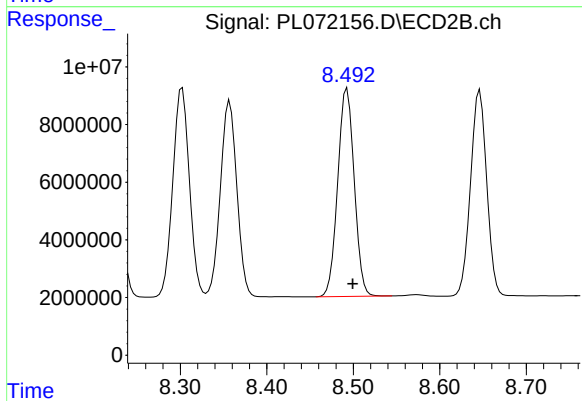
#11 alpha-Chlordane

R.T.: 8.302 min
Delta R.T.: -0.006 min
Response: 97052555
Conc: 48.95 ng/ml



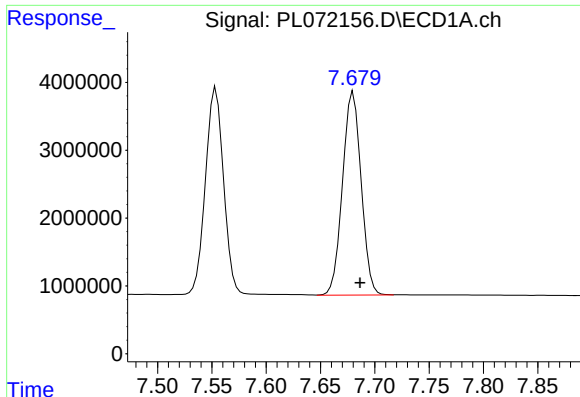
#12 4,4'-DDE

R.T.: 7.554 min
Delta R.T.: -0.006 min
Response: 35272647
Conc: 48.86 ng/ml



#12 4,4'-DDE

R.T.: 8.493 min
Delta R.T.: -0.007 min
Response: 95158256
Conc: 50.32 ng/ml



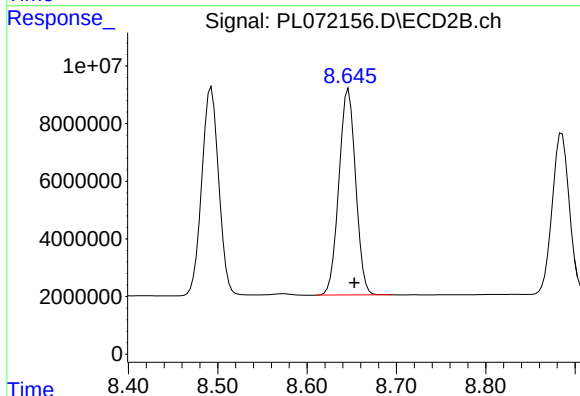
#13 Dieldrin

R.T.: 7.679 min
Delta R.T.: -0.008 min
Response: 35821747
Conc: 47.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 04

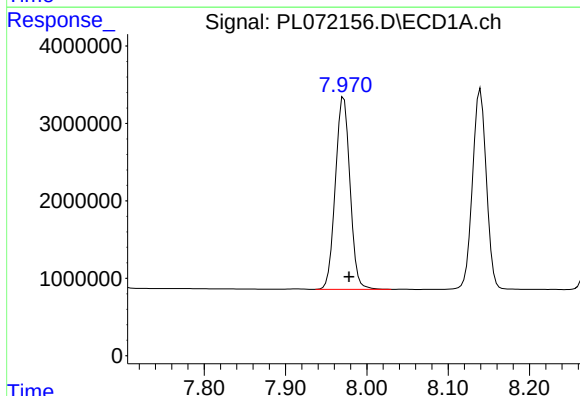
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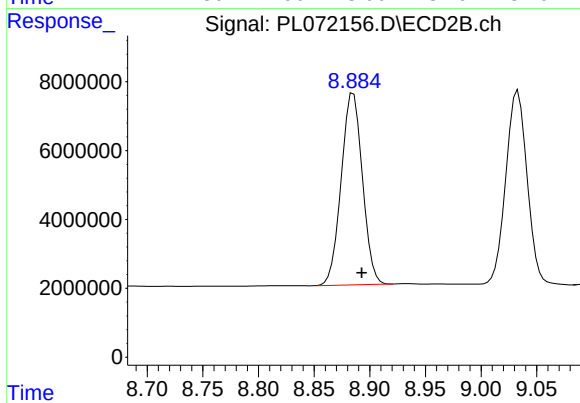
#13 Dieldrin

R.T.: 8.646 min
Delta R.T.: -0.007 min
Response: 93013893
Conc: 47.34 ng/ml



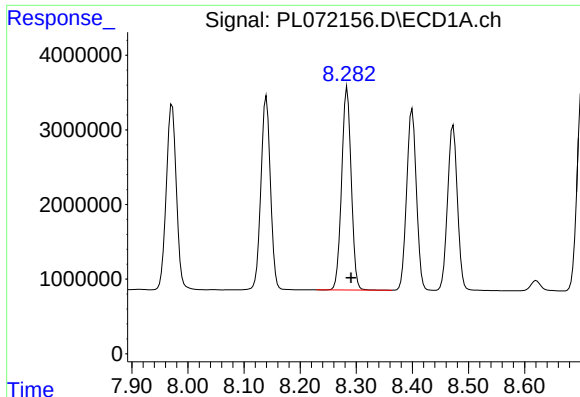
#14 Endrin

R.T.: 7.972 min
Delta R.T.: -0.006 min
Response: 31086228
Conc: 44.37 ng/ml



#14 Endrin

R.T.: 8.885 min
Delta R.T.: -0.008 min
Response: 73884607
Conc: 44.56 ng/ml



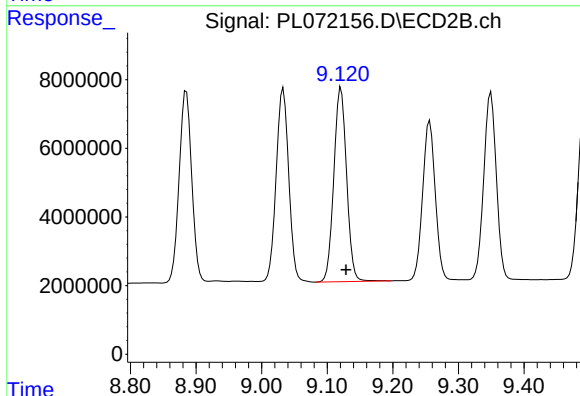
#15 Endosulfan II

R.T.: 8.284 min
Delta R.T.: -0.007 min
Response: 32140655
Conc: 43.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 04

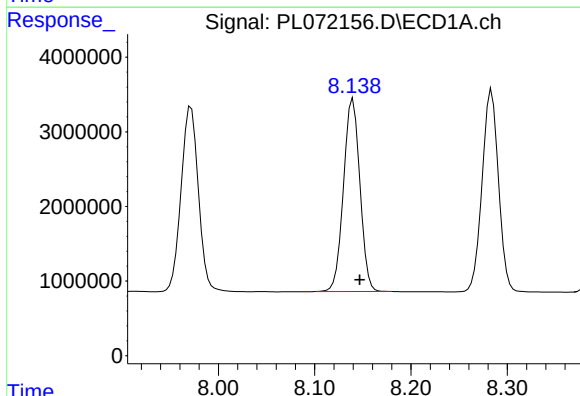
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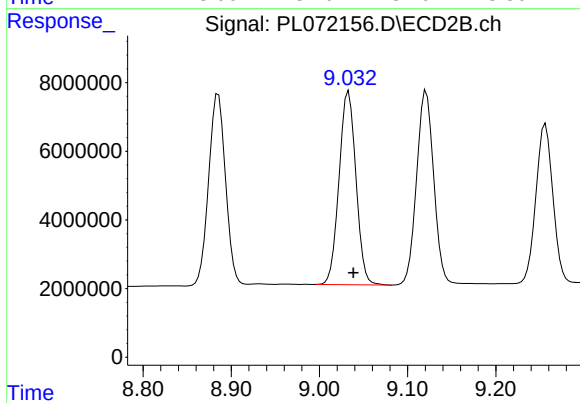
#15 Endosulfan II

R.T.: 9.121 min
Delta R.T.: -0.008 min
Response: 76562884
Conc: 44.65 ng/ml



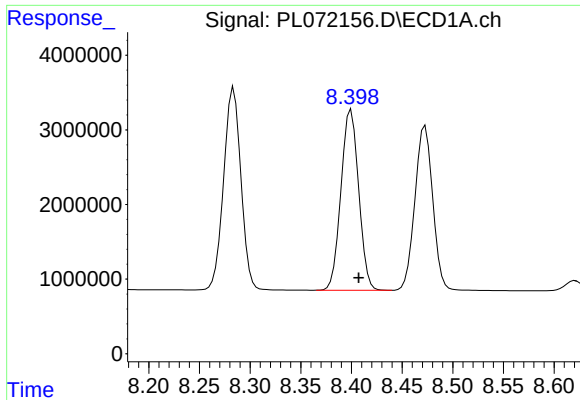
#16 4,4'-DDD

R.T.: 8.140 min
Delta R.T.: -0.007 min
Response: 30487031
Conc: 52.01 ng/ml



#16 4,4'-DDD

R.T.: 9.033 min
Delta R.T.: -0.006 min
Response: 75078252
Conc: 52.51 ng/ml



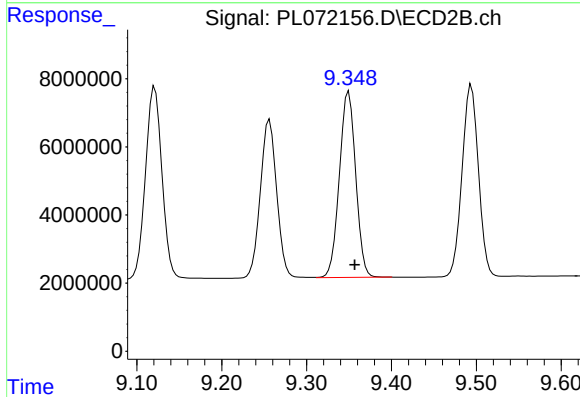
#17 4,4'-DDT

R.T.: 8.400 min
Delta R.T.: -0.008 min
Response: 29398889
Conc: 44.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 04

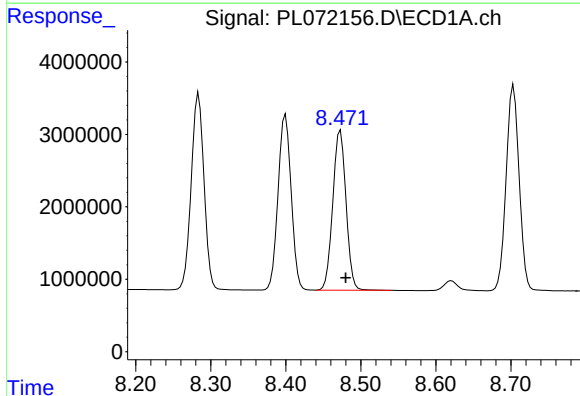
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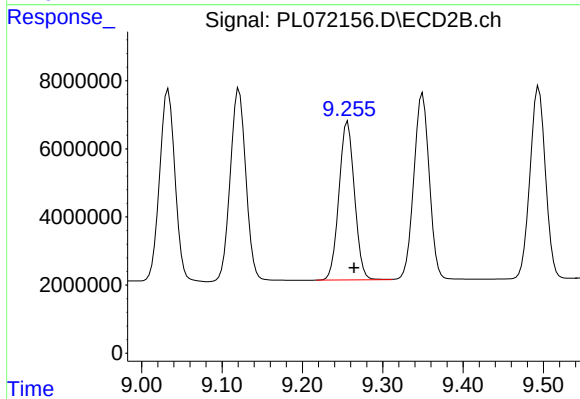
#17 4,4'-DDT

R.T.: 9.350 min
Delta R.T.: -0.007 min
Response: 72865717
Conc: 46.10 ng/ml



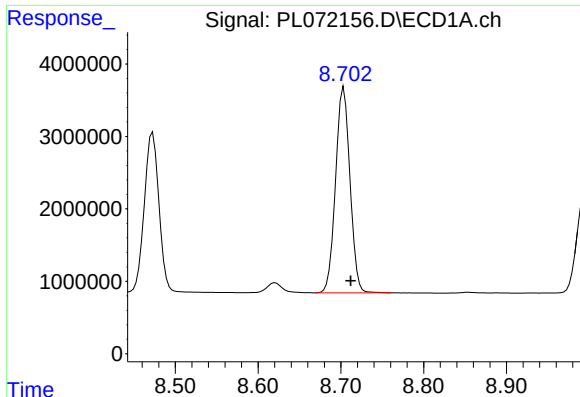
#18 Endrin aldehyde

R.T.: 8.473 min
Delta R.T.: -0.007 min
Response: 27111791
Conc: 47.59 ng/ml



#18 Endrin aldehyde

R.T.: 9.256 min
Delta R.T.: -0.008 min
Response: 62319713
Conc: 50.20 ng/ml



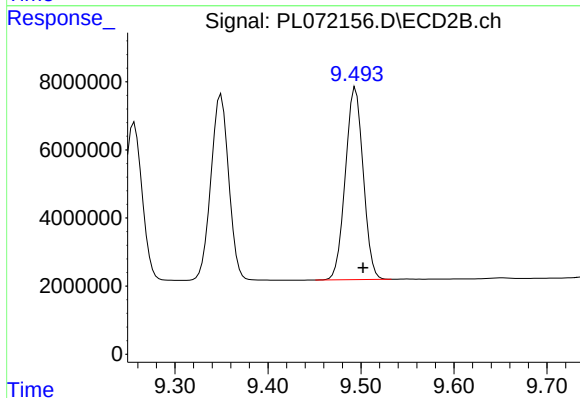
#19 Endosulfan Sulfate

R.T.: 8.704 min
Delta R.T.: -0.008 min
Response: 34295365
Conc: 46.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 04

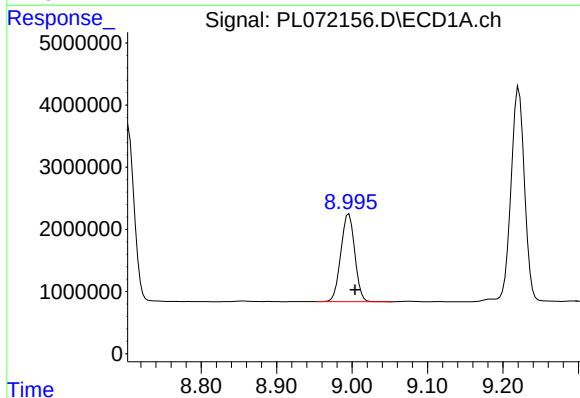
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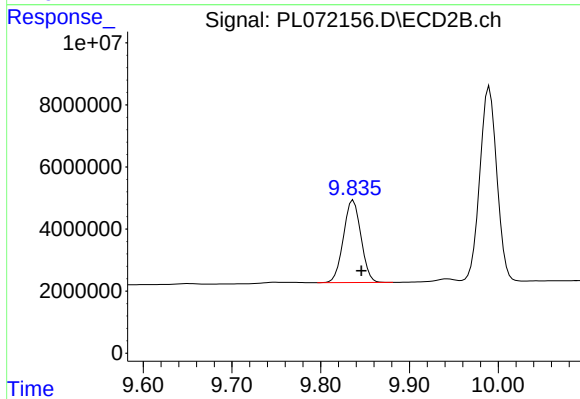
#19 Endosulfan Sulfate

R.T.: 9.494 min
Delta R.T.: -0.008 min
Response: 75178205
Conc: 48.16 ng/ml



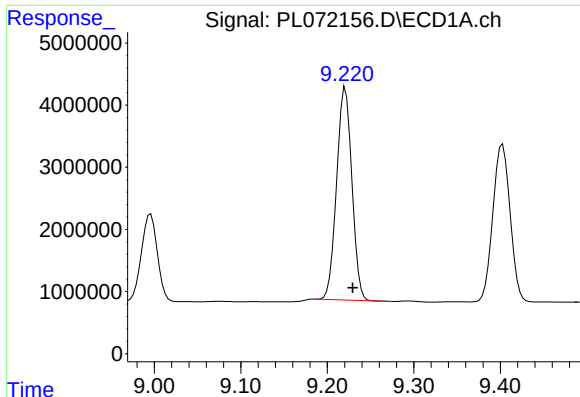
#20 Methoxychlor

R.T.: 8.996 min
Delta R.T.: -0.008 min
Response: 18132954
Conc: 42.98 ng/ml



#20 Methoxychlor

R.T.: 9.837 min
Delta R.T.: -0.009 min
Response: 36509851
Conc: 44.08 ng/ml



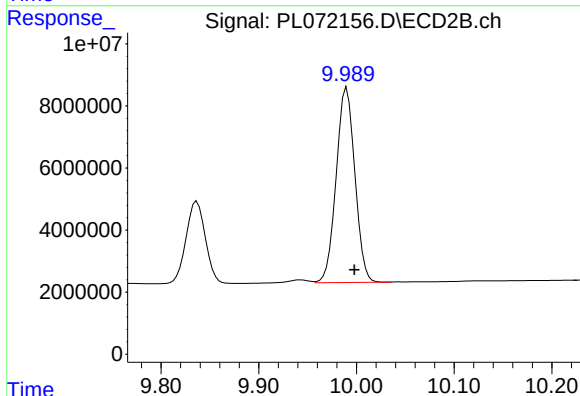
#21 Endrin ketone

R.T.: 9.221 min
Delta R.T.: -0.009 min
Response: 41668395
Conc: 50.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 04

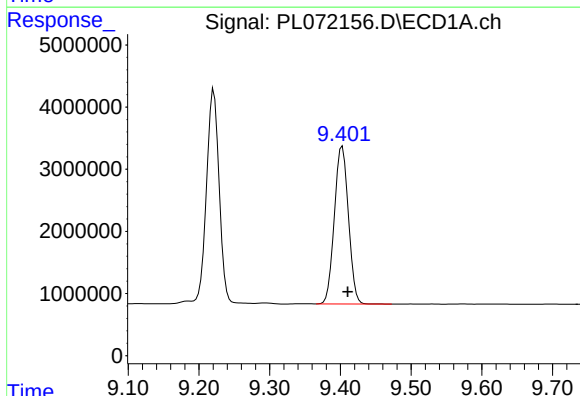
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Supervised By :Ankita Jodhani 01/25/2022



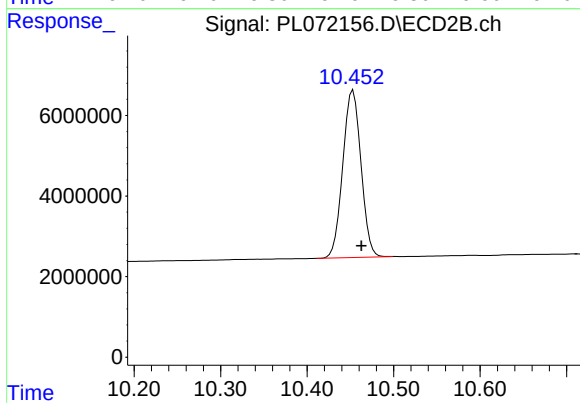
#21 Endrin ketone

R.T.: 9.990 min
Delta R.T.: -0.008 min
Response: 83685836
Conc: 50.57 ng/ml



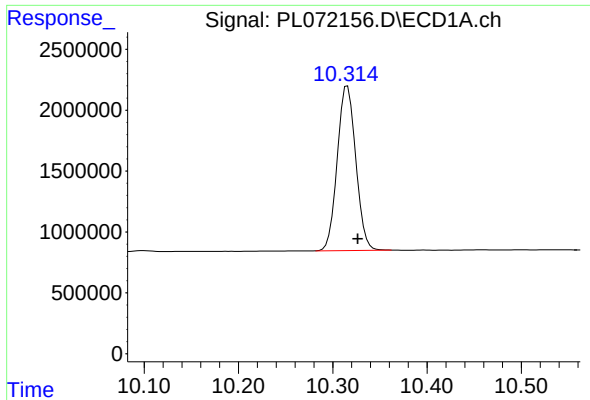
#22 Mirex

R.T.: 9.403 min
Delta R.T.: -0.008 min
Response: 35054120
Conc: 47.47 ng/ml



#22 Mirex

R.T.: 10.453 min
Delta R.T.: -0.010 min
Response: 60434010
Conc: 48.43 ng/ml



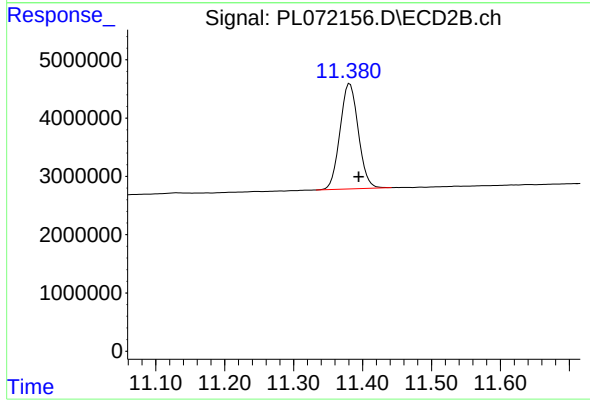
#28 Decachlorobiphenyl

R.T.: 10.314 min
Delta R.T.: -0.012 min
Response: 18476389
Conc: 20.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 04

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/24/2022
Supervised By :Ankita Jodhani 01/25/2022



#28 Decachlorobiphenyl

R.T.: 11.382 min
Delta R.T.: -0.013 min
Response: 33302206
Conc: 20.64 ng/ml