

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012122\
 Data File : PL072153.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2022 10:45
 Operator : AR\AJ
 Sample : WATER IDOC 01
 Misc : FOR HAROON MUGHAL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WATER IDOC 01

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 01:56:02 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...	4.563	5.492	10777294	31843357	19.412	19.607
28)	SA Decachlor...	10.321	11.385	18175704	33078664	20.458	20.501
Target Compounds							
2)	A alpha-BHC	5.269	6.074	36809822	115.3E6	47.606	47.780
3)	MA gamma-BHC...	5.692	6.470	35701895	108.3E6	47.349	48.142
4)	MA Heptachlor	6.098	7.116	40451463	110.1E6	46.890	47.479
5)	MB Aldrin	6.421	7.486	36391524	103.2E6	46.086	46.673
6)	B beta-BHC	6.076	6.728	16070594	48408103	48.616	48.891m
7)	B delta-BHC	6.334	6.995	37090876	107.8E6	46.824	43.798
8)	B Heptachlo...	6.998	7.954	36267961	97086419	47.644	48.488
9)	A Endosulfan I	7.401	8.359	34392279	88078865	48.391	48.660
10)	B gamma-Chl...	7.275	8.224	36991025	97113768	47.079	48.057
11)	B alpha-Chl...	7.345	8.304	37023807	93796439	47.194	47.305
12)	B 4,4'-DDE	7.560	8.494	34773405	92586850	48.164	48.955
13)	MA Dieldrin	7.686	8.648	35324001	91755010	46.625	46.704
14)	MA Endrin	7.977	8.887	30253742	72079875	43.179	43.474
15)	B Endosulfa...	8.289	9.123	31812677	76298636	42.786	44.491
16)	A 4,4'-DDD	8.146	9.035	30127916	74662867	51.393	52.220
17)	MA 4,4'-DDT	8.406	9.351	28817239	72491858	43.395	45.865
18)	B Endrin al...	8.478	9.258	26681496	62208776	46.830	50.113
19)	B Endosulfa...	8.709	9.496	33830453	75277162	46.142	48.219
20)	A Methoxychlor	9.001	9.839	17788772	36220112	42.164	43.726
21)	B Endrin ke...	9.226	9.993	41577743	83629126	49.931	50.531
22)	Mirex	9.408	10.454	34683744	60392009	46.966	48.400

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012122\
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 Acq On : 21 Jan 2022 10:45
 Operator : AR\AJ
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 ALS Vial : 5 Sample Multiplier: 1

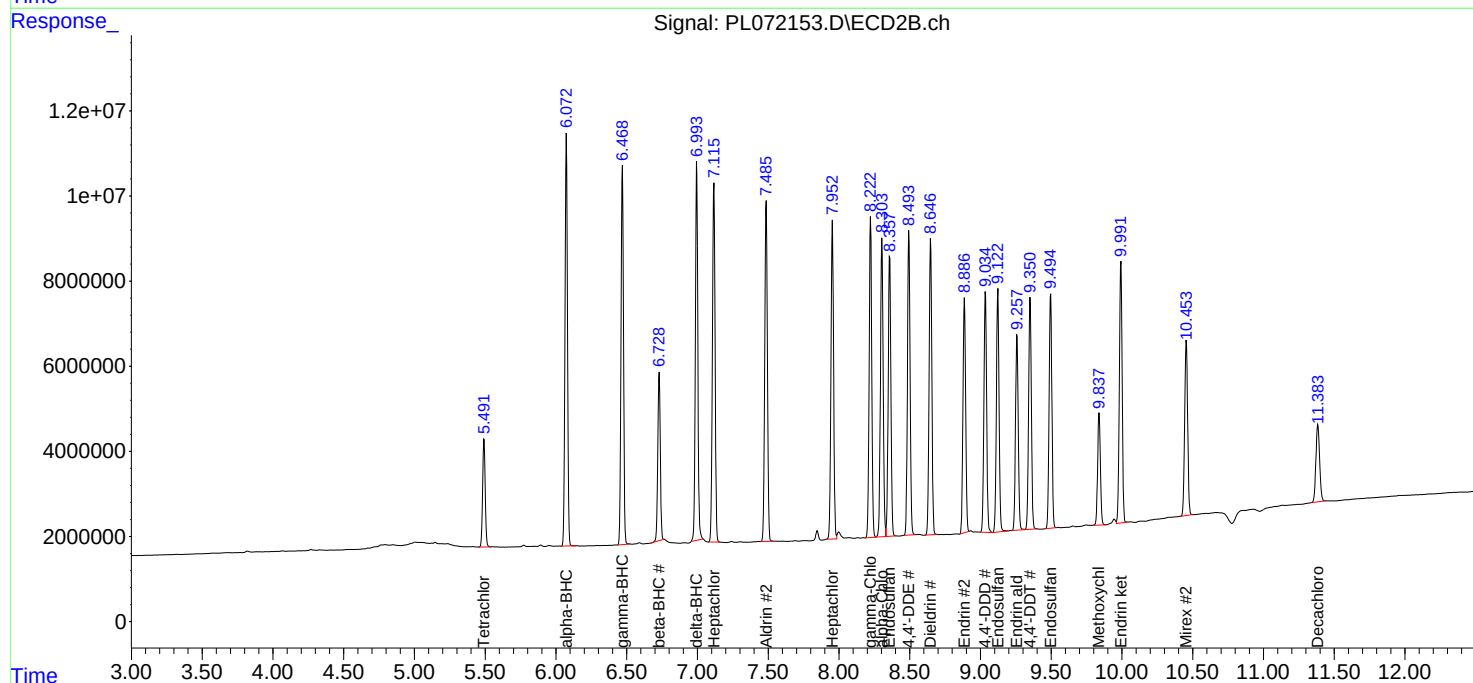
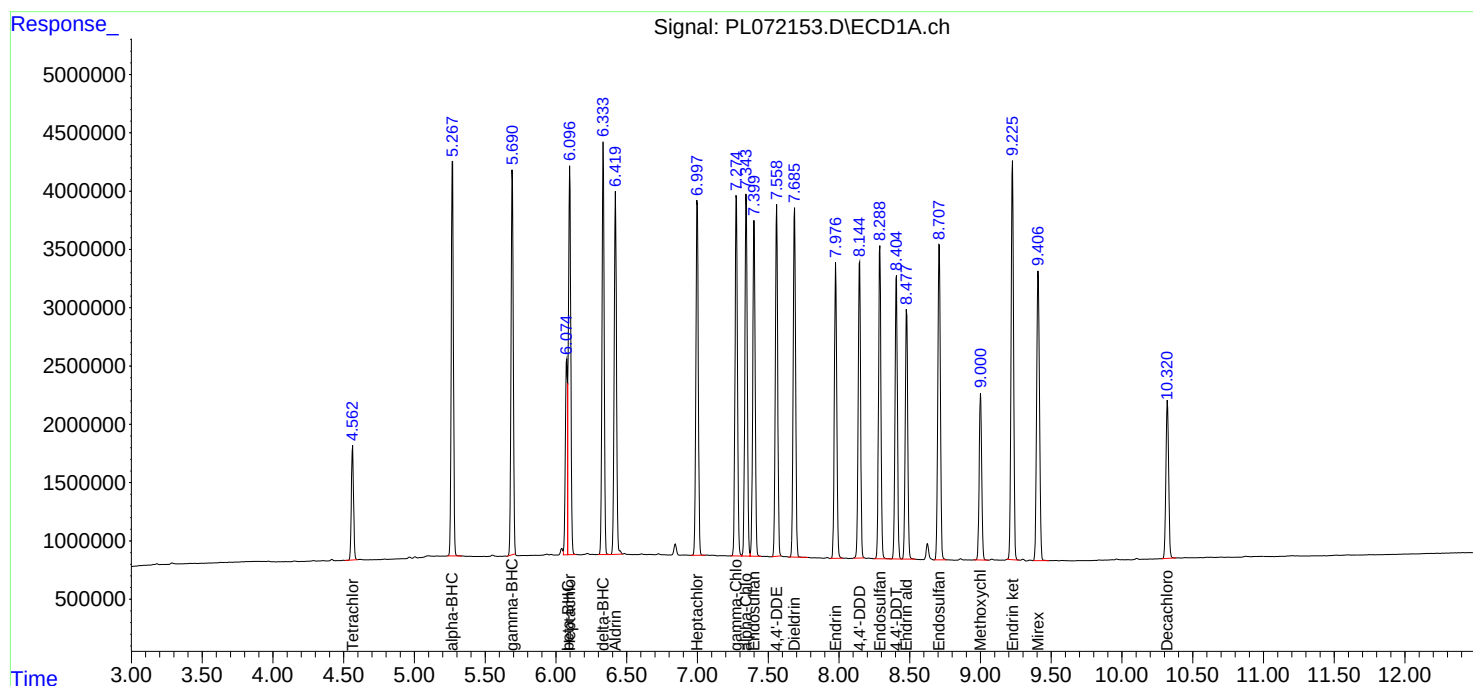
Instrument :
 ECD_L
 ClientSampleId :
 WATER IDOC 01

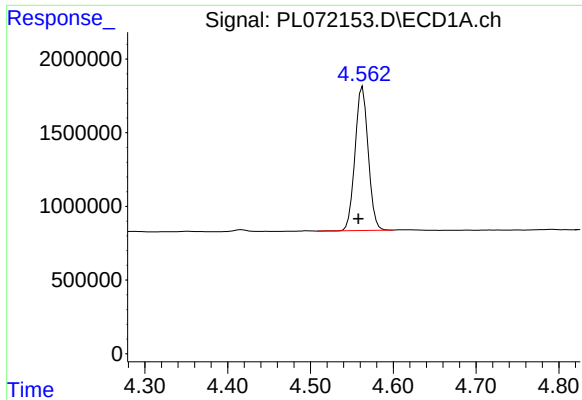
Manual Integrations APPROVED

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 01:56:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011722.M
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





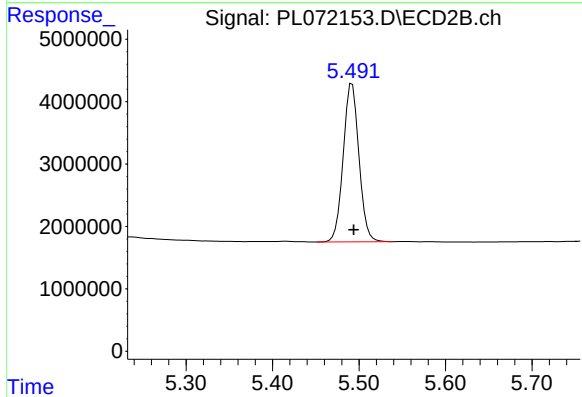
#1 Tetrachloro-m-xylene

R.T.: 4.563 min
Delta R.T.: 0.005 min
Response: 10777294
Conc: 19.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 01

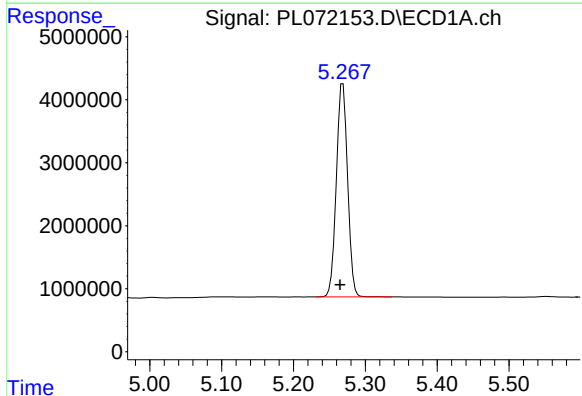
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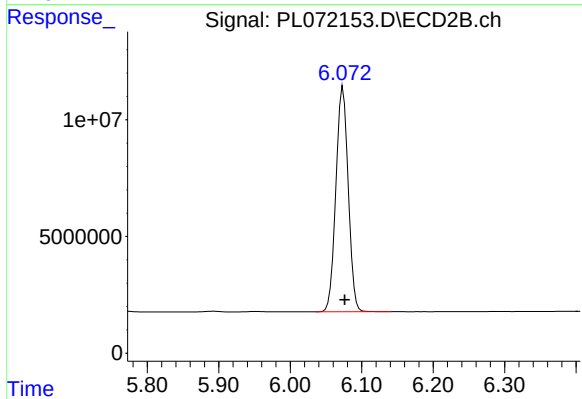
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: -0.002 min
Response: 31843357
Conc: 19.61 ng/ml



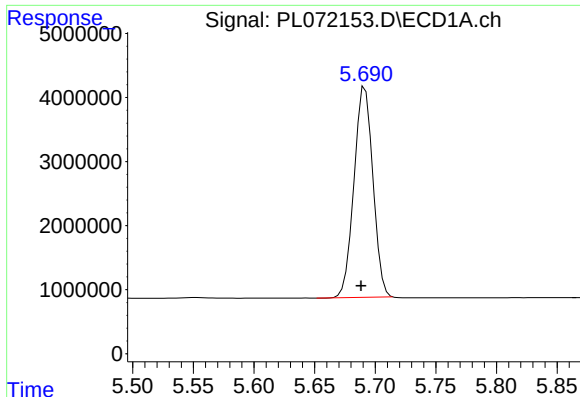
#2 alpha-BHC

R.T.: 5.269 min
Delta R.T.: 0.004 min
Response: 36809822
Conc: 47.61 ng/ml



#2 alpha-BHC

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 115286925
Conc: 47.78 ng/ml



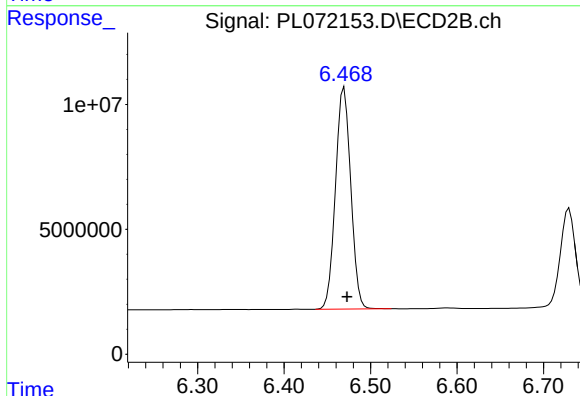
#3 gamma-BHC (Lindane)

R.T.: 5.692 min
Delta R.T.: 0.003 min
Response: 35701895
Conc: 47.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 01

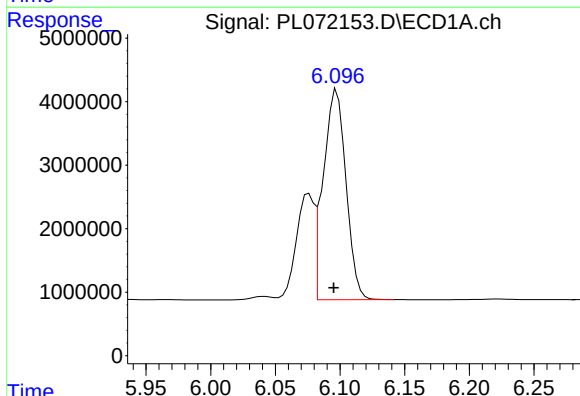
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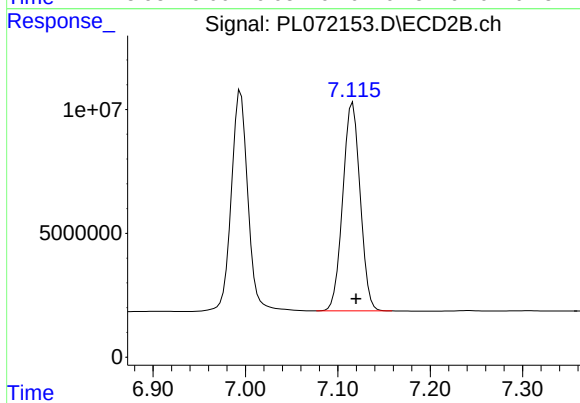
#3 gamma-BHC (Lindane)

R.T.: 6.470 min
Delta R.T.: -0.003 min
Response: 108333953
Conc: 48.14 ng/ml



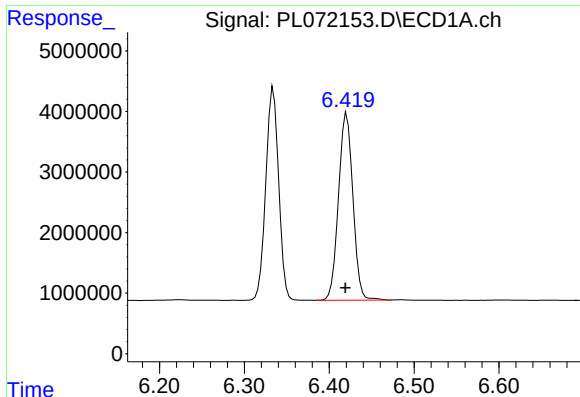
#4 Heptachlor

R.T.: 6.098 min
Delta R.T.: 0.002 min
Response: 40451463
Conc: 46.89 ng/ml



#4 Heptachlor

R.T.: 7.116 min
Delta R.T.: -0.004 min
Response: 110079227
Conc: 47.48 ng/ml



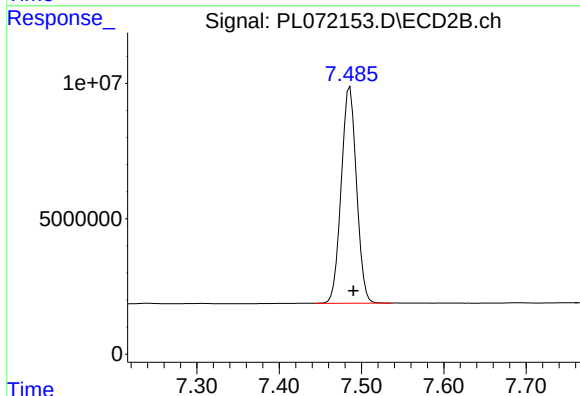
#5 Aldrin

R.T.: 6.421 min
Delta R.T.: 0.001 min
Response: 36391524
Conc: 46.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 01

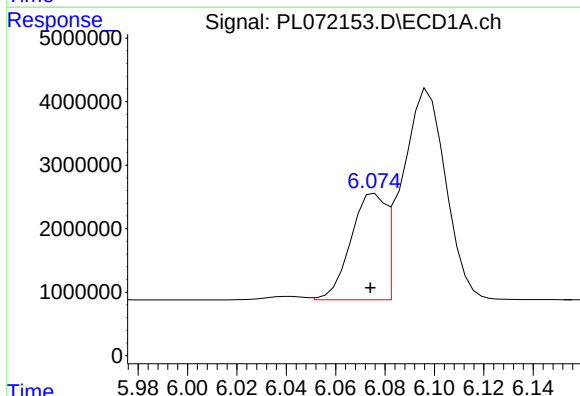
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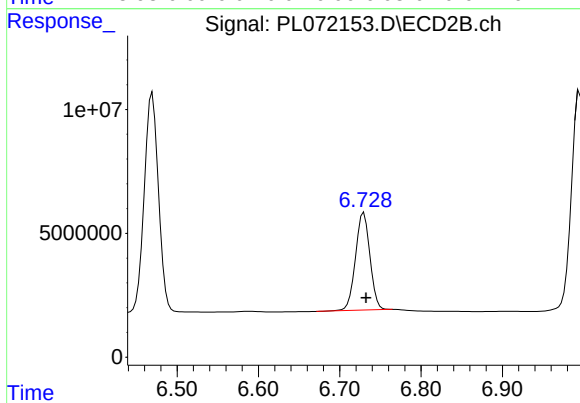
#5 Aldrin

R.T.: 7.486 min
Delta R.T.: -0.004 min
Response: 103203914
Conc: 46.67 ng/ml



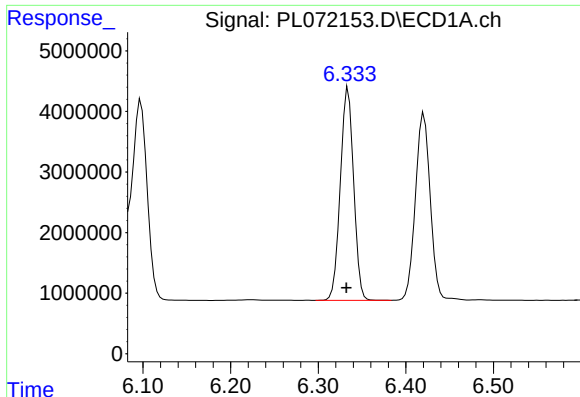
#6 beta-BHC

R.T.: 6.076 min
Delta R.T.: 0.002 min
Response: 16070594
Conc: 48.62 ng/ml



#6 beta-BHC

R.T.: 6.728 min
Delta R.T.: -0.004 min
Response: 48408103
Conc: 48.89 ng/ml m



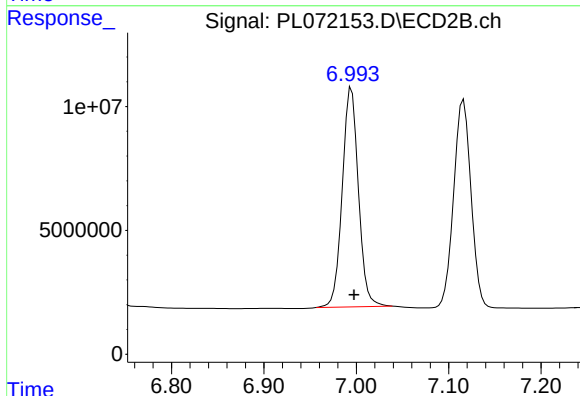
#7 delta-BHC

R.T.: 6.334 min
Delta R.T.: 0.002 min
Response: 37090876
Conc: 46.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 01

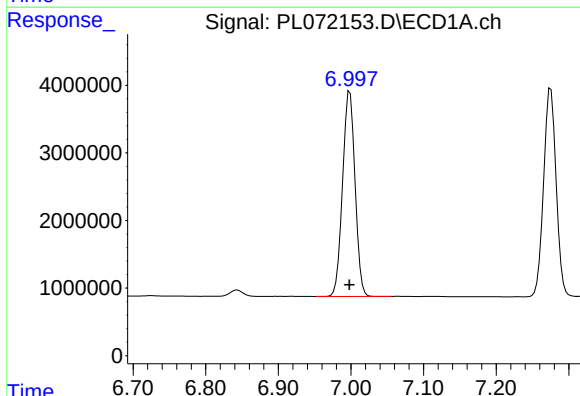
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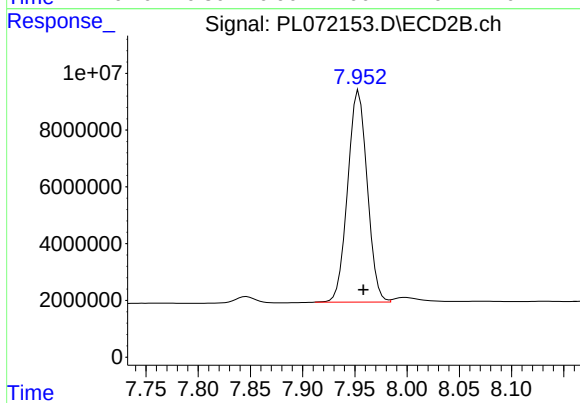
#7 delta-BHC

R.T.: 6.995 min
Delta R.T.: -0.003 min
Response: 107757305
Conc: 43.80 ng/ml



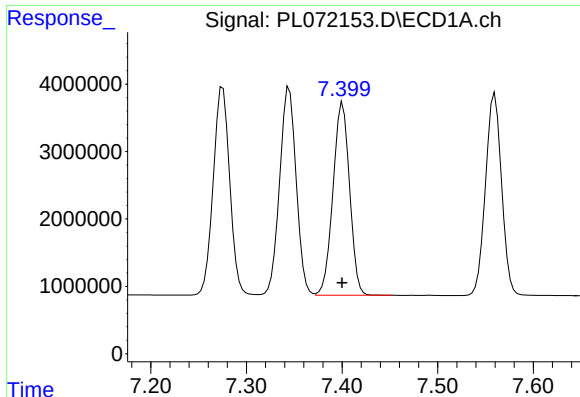
#8 Heptachlor epoxide

R.T.: 6.998 min
Delta R.T.: 0.000 min
Response: 36267961
Conc: 47.64 ng/ml



#8 Heptachlor epoxide

R.T.: 7.954 min
Delta R.T.: -0.004 min
Response: 97086419
Conc: 48.49 ng/ml



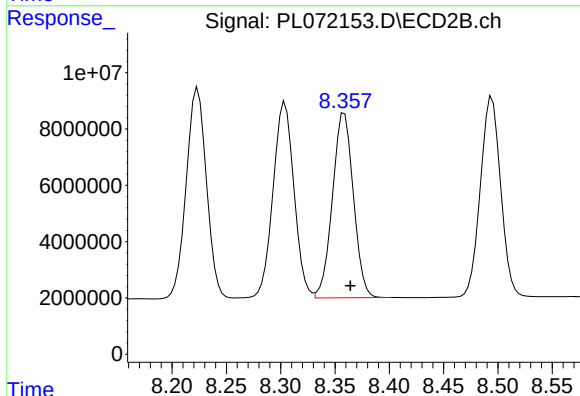
#9 Endosulfan I

R.T.: 7.401 min
Delta R.T.: 0.000 min
Response: 34392279
Conc: 48.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 01

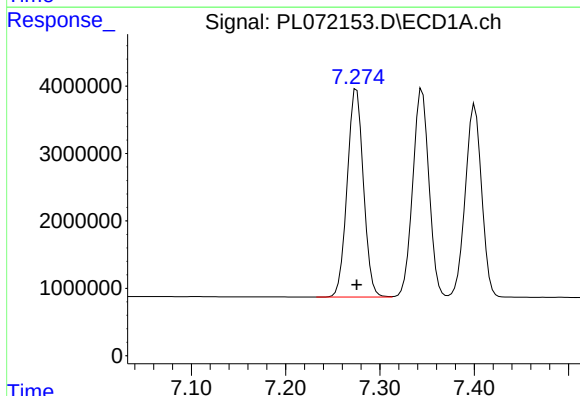
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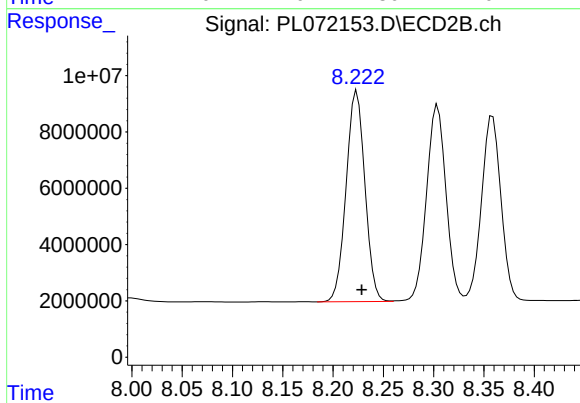
#9 Endosulfan I

R.T.: 8.359 min
Delta R.T.: -0.006 min
Response: 88078865
Conc: 48.66 ng/ml



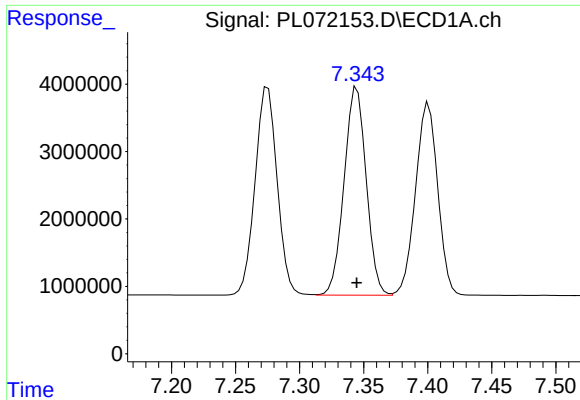
#10 gamma-Chlordane

R.T.: 7.275 min
Delta R.T.: 0.000 min
Response: 36991025
Conc: 47.08 ng/ml



#10 gamma-Chlordane

R.T.: 8.224 min
Delta R.T.: -0.005 min
Response: 97113768
Conc: 48.06 ng/ml



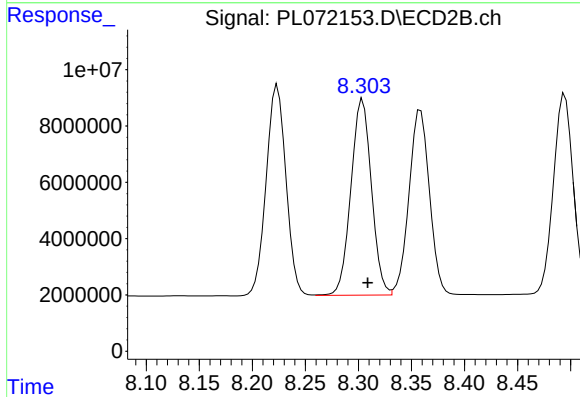
#11 alpha-Chlordane

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 37023807
Conc: 47.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 01

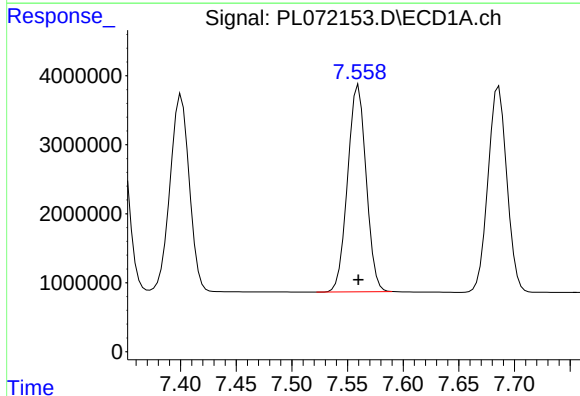
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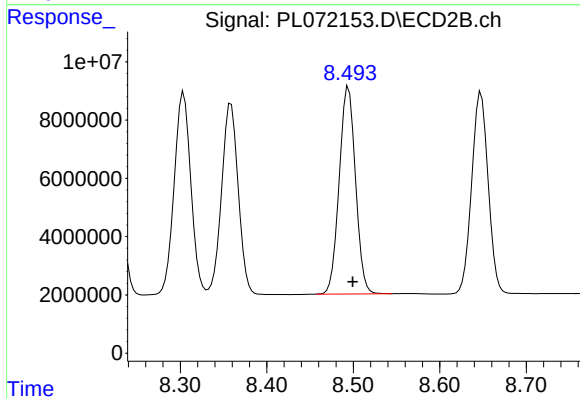
#11 alpha-Chlordane

R.T.: 8.304 min
Delta R.T.: -0.005 min
Response: 93796439
Conc: 47.31 ng/ml



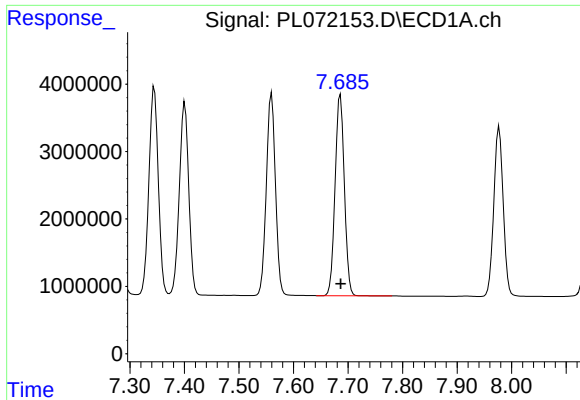
#12 4,4'-DDE

R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 34773405
Conc: 48.16 ng/ml



#12 4,4'-DDE

R.T.: 8.494 min
Delta R.T.: -0.005 min
Response: 92586850
Conc: 48.96 ng/ml



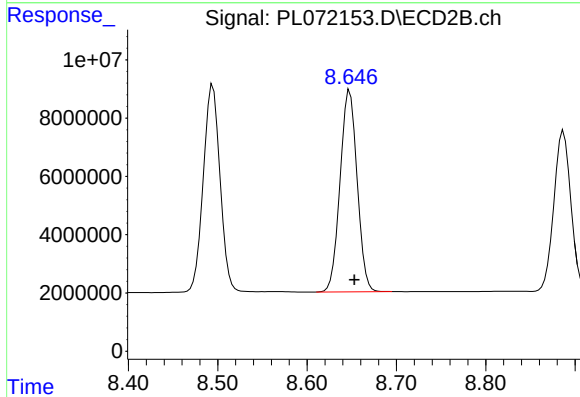
#13 Dieldrin

R.T.: 7.686 min
Delta R.T.: 0.000 min
Response: 35324001
Conc: 46.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 01

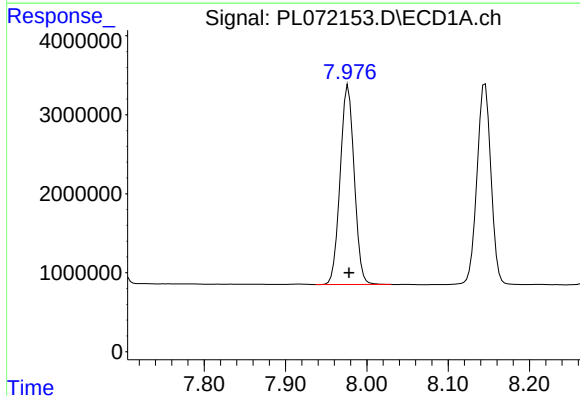
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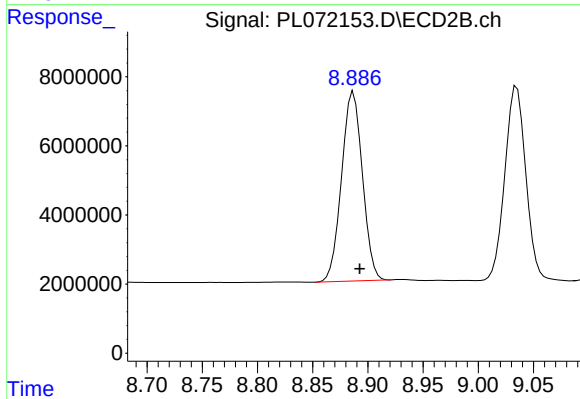
#13 Dieldrin

R.T.: 8.648 min
Delta R.T.: -0.005 min
Response: 91755010
Conc: 46.70 ng/ml



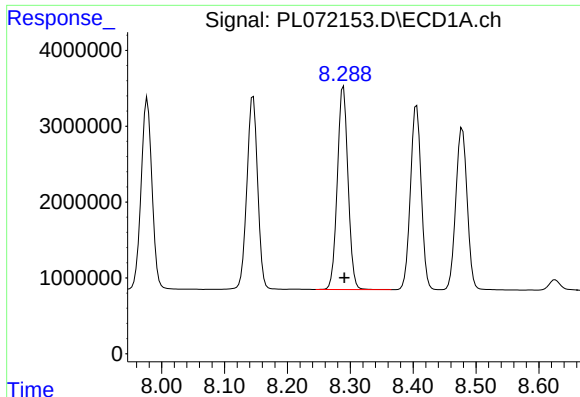
#14 Endrin

R.T.: 7.977 min
Delta R.T.: -0.001 min
Response: 30253742
Conc: 43.18 ng/ml



#14 Endrin

R.T.: 8.887 min
Delta R.T.: -0.006 min
Response: 72079875
Conc: 43.47 ng/ml



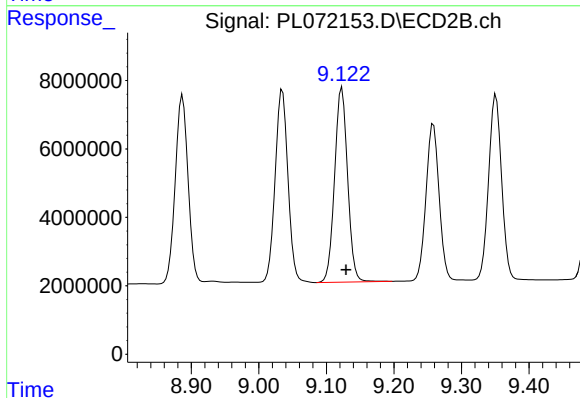
#15 Endosulfan II

R.T.: 8.289 min
Delta R.T.: -0.002 min
Response: 31812677
Conc: 42.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 01

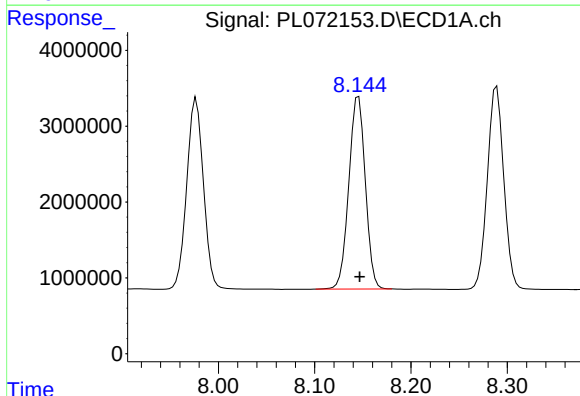
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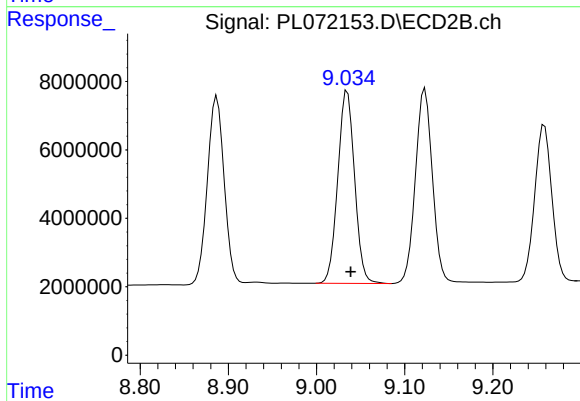
#15 Endosulfan II

R.T.: 9.123 min
Delta R.T.: -0.006 min
Response: 76298636
Conc: 44.49 ng/ml



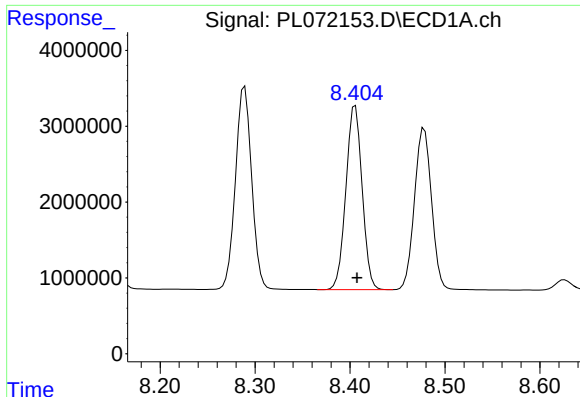
#16 4,4'-DDD

R.T.: 8.146 min
Delta R.T.: -0.001 min
Response: 30127916
Conc: 51.39 ng/ml



#16 4,4'-DDD

R.T.: 9.035 min
Delta R.T.: -0.004 min
Response: 74662867
Conc: 52.22 ng/ml



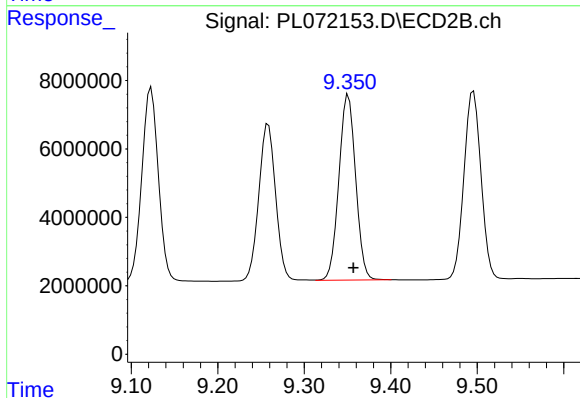
#17 4,4'-DDT

R.T.: 8.406 min
Delta R.T.: -0.002 min
Response: 28817239
Conc: 43.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 01

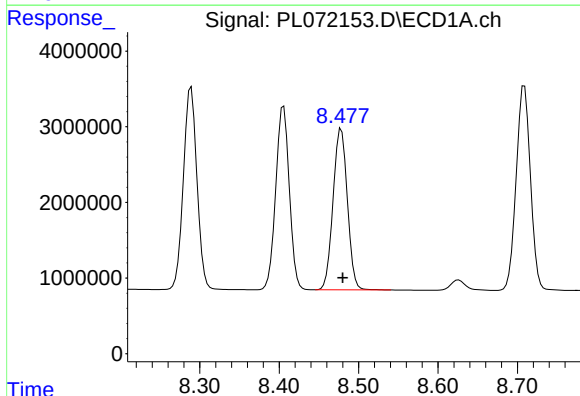
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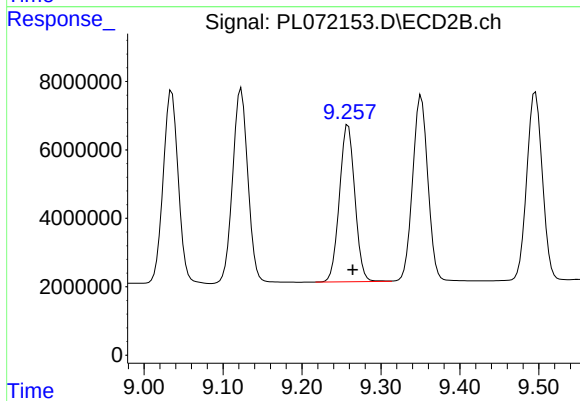
#17 4,4'-DDT

R.T.: 9.351 min
Delta R.T.: -0.006 min
Response: 72491858
Conc: 45.87 ng/ml



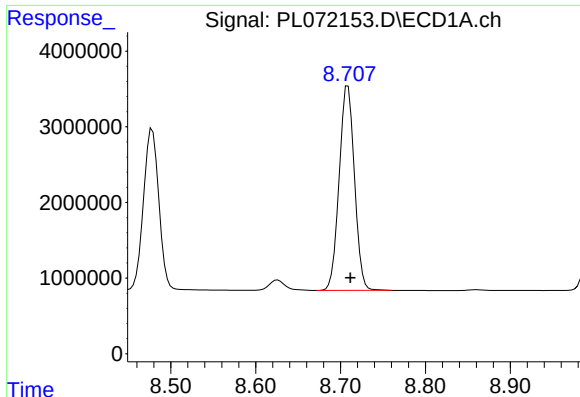
#18 Endrin aldehyde

R.T.: 8.478 min
Delta R.T.: -0.002 min
Response: 26681496
Conc: 46.83 ng/ml



#18 Endrin aldehyde

R.T.: 9.258 min
Delta R.T.: -0.006 min
Response: 62208776
Conc: 50.11 ng/ml



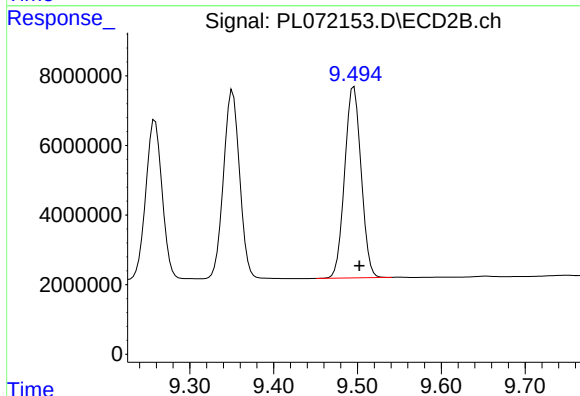
#19 Endosulfan Sulfate

R.T.: 8.709 min
Delta R.T.: -0.003 min
Response: 33830453
Conc: 46.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 01

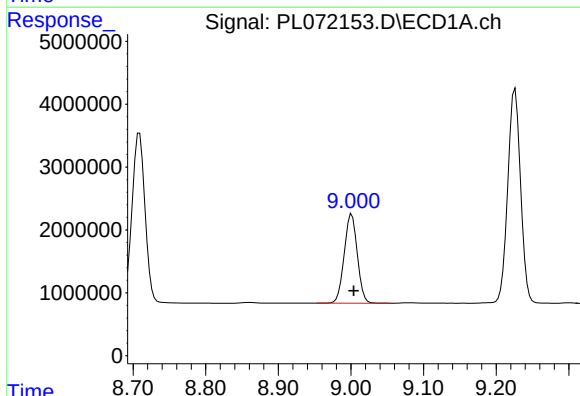
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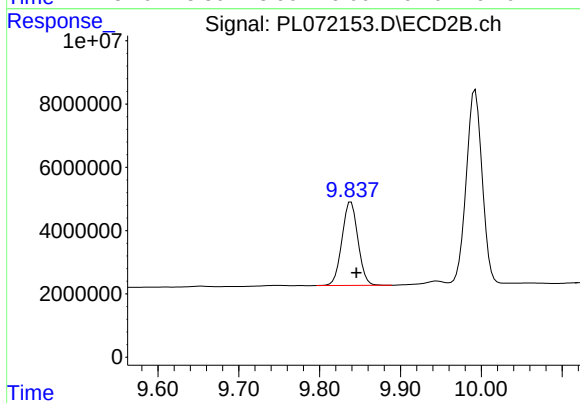
#19 Endosulfan Sulfate

R.T.: 9.496 min
Delta R.T.: -0.006 min
Response: 75277162
Conc: 48.22 ng/ml



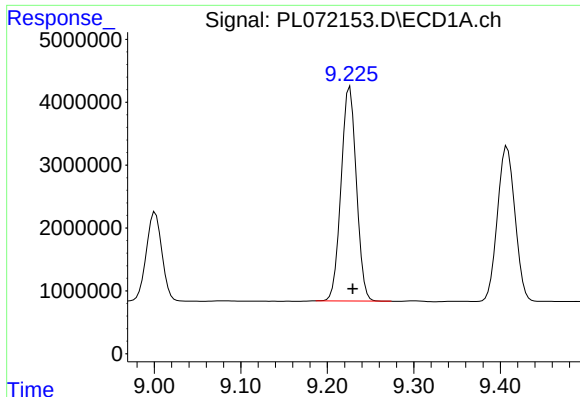
#20 Methoxychlor

R.T.: 9.001 min
Delta R.T.: -0.003 min
Response: 17788772
Conc: 42.16 ng/ml



#20 Methoxychlor

R.T.: 9.839 min
Delta R.T.: -0.007 min
Response: 36220112
Conc: 43.73 ng/ml



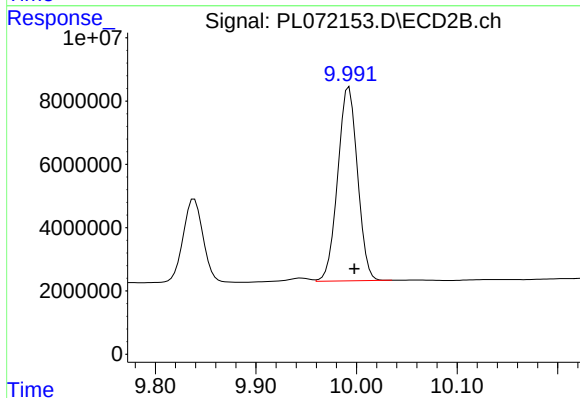
#21 Endrin ketone

R.T.: 9.226 min
Delta R.T.: -0.003 min
Response: 41577743
Conc: 49.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 01

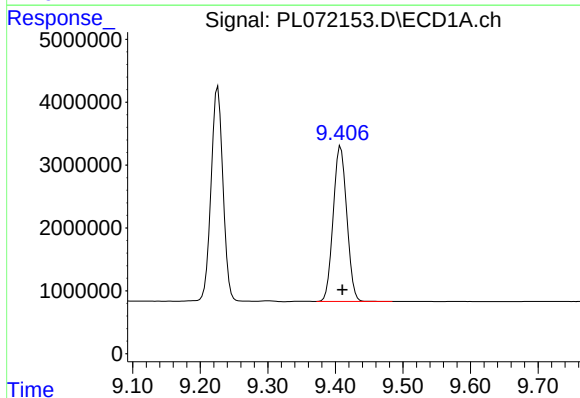
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Supervised By :Ankita Jodhani 01/25/2022



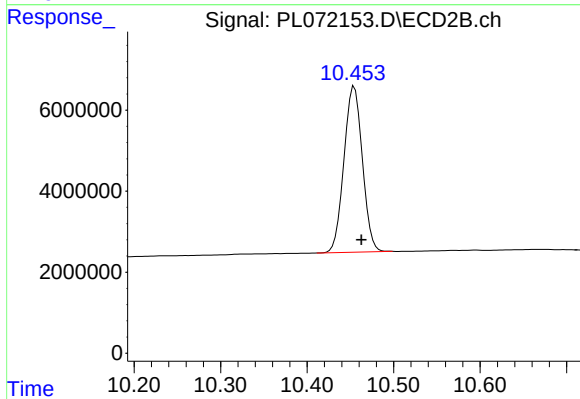
#21 Endrin ketone

R.T.: 9.993 min
Delta R.T.: -0.005 min
Response: 83629126
Conc: 50.53 ng/ml



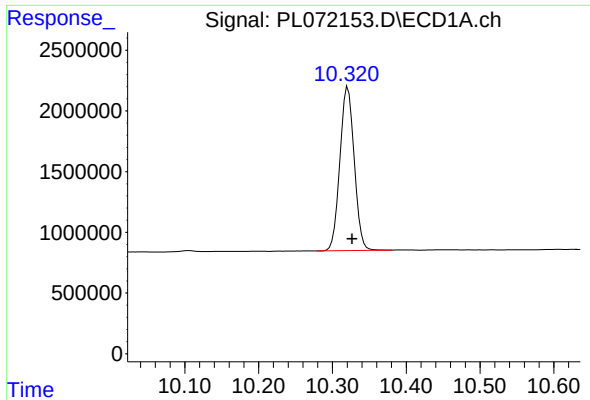
#22 Mirex

R.T.: 9.408 min
Delta R.T.: -0.003 min
Response: 34683744
Conc: 46.97 ng/ml



#22 Mirex

R.T.: 10.454 min
Delta R.T.: -0.008 min
Response: 60392009
Conc: 48.40 ng/ml



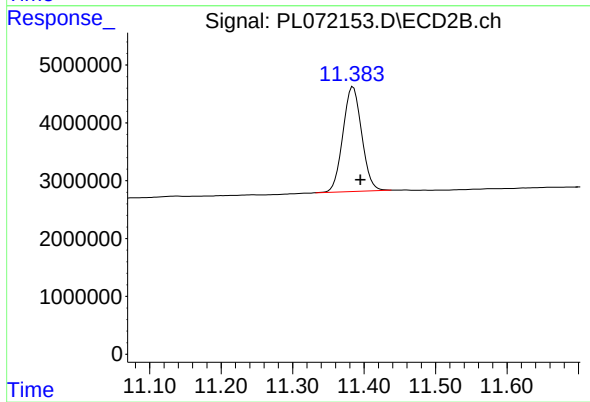
#28 Decachlorobiphenyl

R.T.: 10.321 min
Delta R.T.: -0.006 min
Response: 18175704
Conc: 20.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
WATER IDOC 01

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 11.385 min
Delta R.T.: -0.010 min
Response: 33078664
Conc: 20.50 ng/ml