

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011822\
 Data File : PL072054.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jan 2022 13:41
 Operator : AR\AJ
 Sample : N1164-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RBR-251686MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/19/2022
 Supervised By : Ankita Jodhani 01/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 19 04:21:20 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...	4.557	5.493	10704972	31389560	19.282	19.327
2)	SA Decachlor...	10.320	11.388	15522136	28578202	17.471	17.712
Target Compounds							
2)	A alpha-BHC	5.264	6.075	37304635	116.4E6	48.246	48.225
3)	MA gamma-BHC...	5.687	6.471	36481089	106.1E6	48.382	47.159
4)	MA Heptachlor	6.093	7.117	42027795	111.0E6	48.717	47.879
5)	MB Aldrin	6.417	7.487	37997688	125.9E6	48.120	56.958
6)	B beta-BHC	6.071	6.730	15770101	45475221	47.707	45.929
7)	B delta-BHC	6.330	6.996	31421647	89278699	39.667	36.287
8)	B Heptachlo...	6.995	7.954	41902815	119.2E6	55.046	59.509m
9)	A Endosulfan I	7.397	8.360	34562619	88482786	48.631	48.884
10)	B gamma-Chl...	7.272	8.226	65140064	187.8E6	82.905	92.912
11)	B alpha-Chl...	7.341	8.306	77770847	234.9E6	99.135	118.458
12)	B 4,4'-DDE	7.557	8.496	68462529	166.3E6	94.826	87.955
13)	MA Dieldrin	7.684	8.649	37475698	91846281	49.465	46.751
14)	MA Endrin	7.975	8.889	35449951	79536068	50.595	47.971
15)	B Endosulfa...	8.288	9.125	41642974	81457998	56.008	47.500
16)	A 4,4'-DDD	8.143	9.036	29494660	79442780	50.313	55.563
17)	MA 4,4'-DDT	8.403	9.353	40116986	95526469	60.411	60.439
18)	B Endrin al...	8.476	9.260	27316423	60076726	47.945	48.395
19)	B Endosulfa...	8.707	9.498	33336372	71112456	45.468	45.551
20)	A Methoxychlor	8.999	9.840	20104778	38316992	47.653	46.257
21)	B Endrin ke...	9.224	9.994	39776221	77191115	47.768m	46.641
22)	Mirex	9.407	10.457	36316020	63527343	49.177	50.912

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011822\
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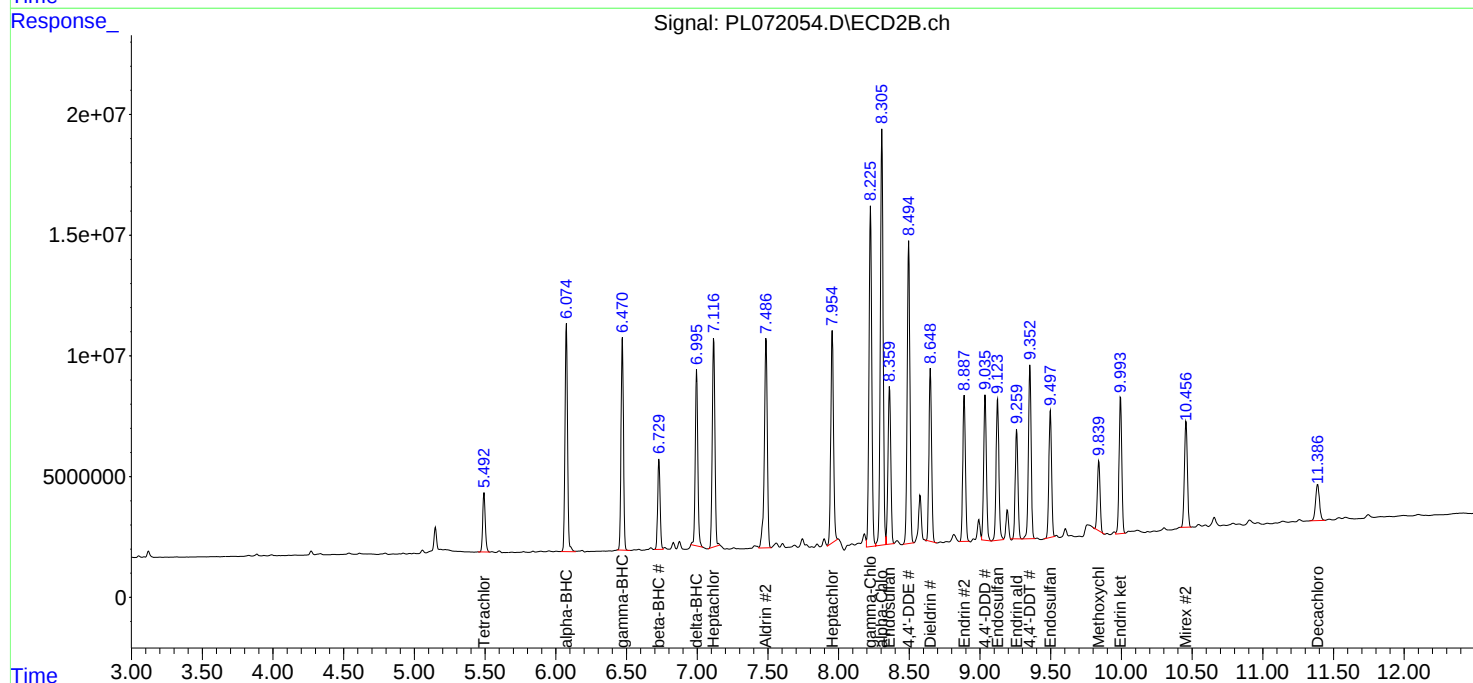
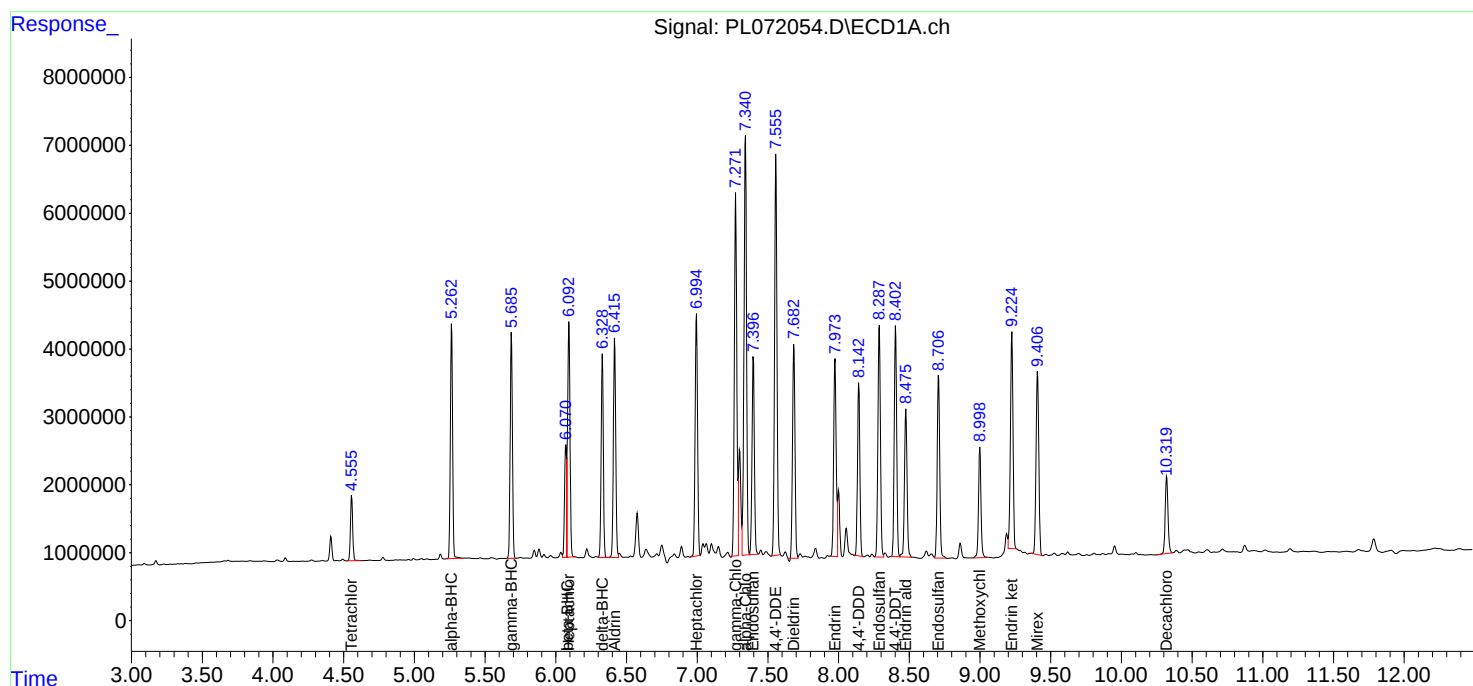
Manual Integrations

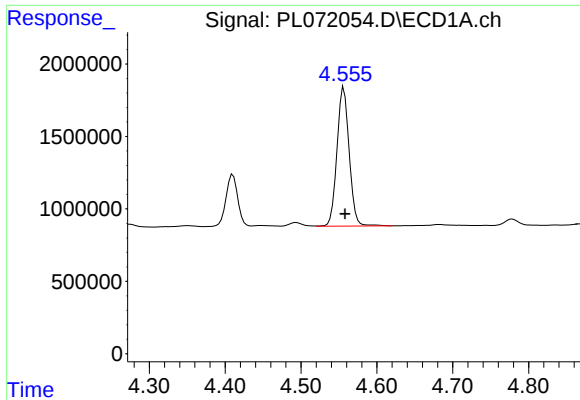
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 Supervised By :Ankita Jodhani 01/19/2022

Integration File signal 1: autoint1.e
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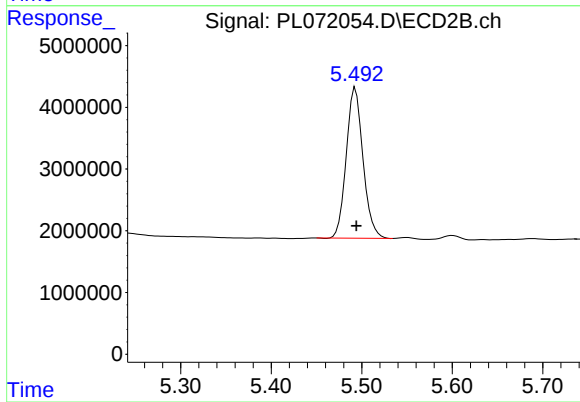
#1 Tetrachloro-m-xylene

R.T.: 4.557 min
Delta R.T.: -0.001 min
Response: 10704972
Conc: 19.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-251686MSD

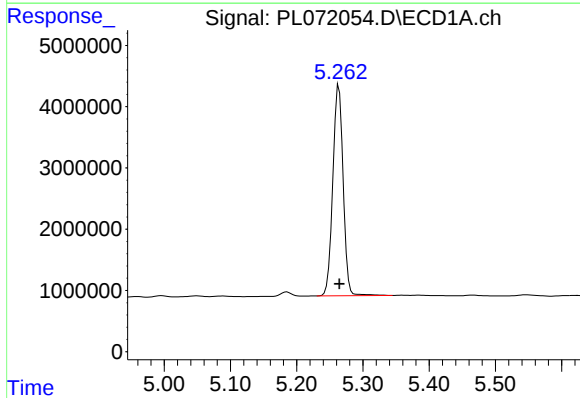
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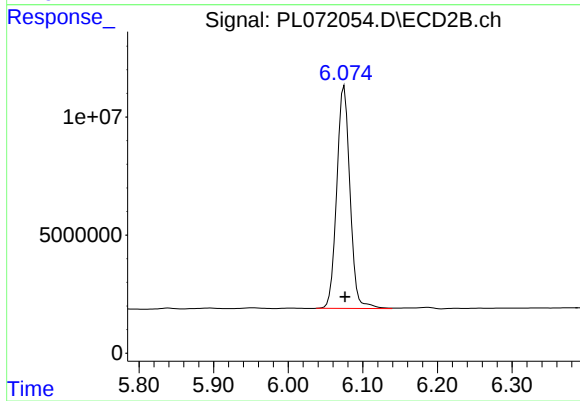
#1 Tetrachloro-m-xylene

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 31389560
Conc: 19.33 ng/ml



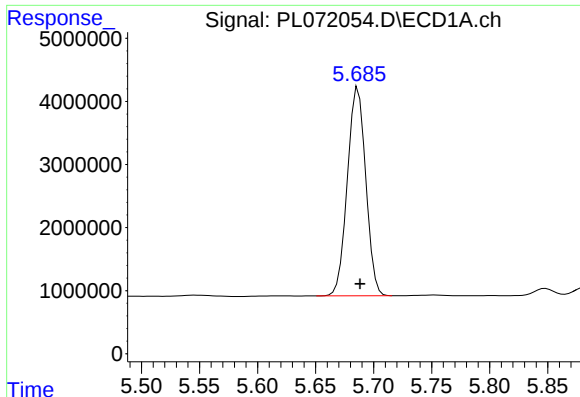
#2 alpha-BHC

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 37304635
Conc: 48.25 ng/ml



#2 alpha-BHC

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 116359939
Conc: 48.22 ng/ml



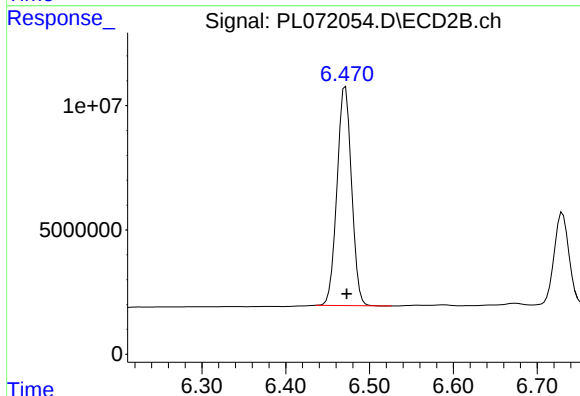
#3 gamma-BHC (Lindane)

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 36481089
Conc: 48.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-251686MSD

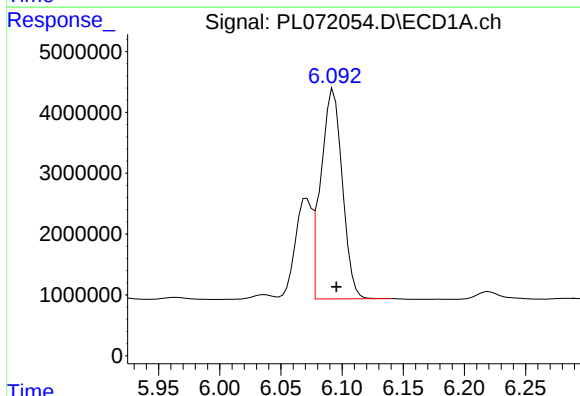
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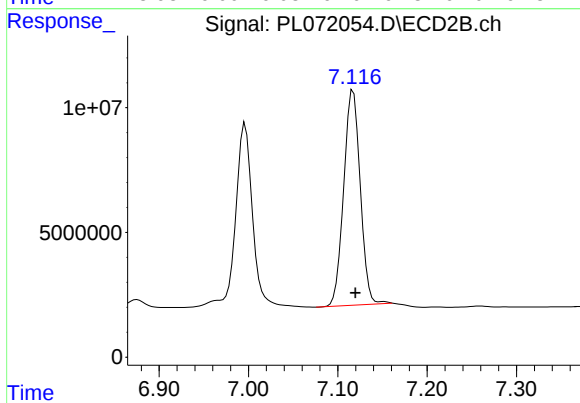
#3 gamma-BHC (Lindane)

R.T.: 6.471 min
Delta R.T.: -0.002 min
Response: 106121776
Conc: 47.16 ng/ml



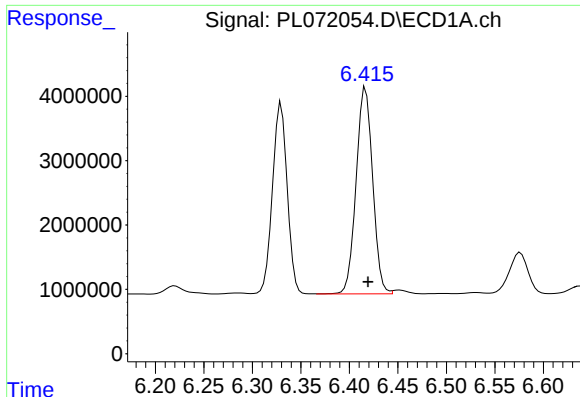
#4 Heptachlor

R.T.: 6.093 min
Delta R.T.: -0.002 min
Response: 42027795
Conc: 48.72 ng/ml



#4 Heptachlor

R.T.: 7.117 min
Delta R.T.: -0.003 min
Response: 111007464
Conc: 47.88 ng/ml



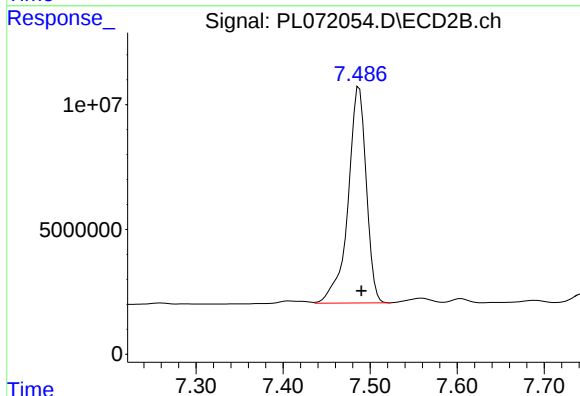
#5 Aldrin

R.T.: 6.417 min
Delta R.T.: -0.002 min
Response: 37997688
Conc: 48.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-251686MSD

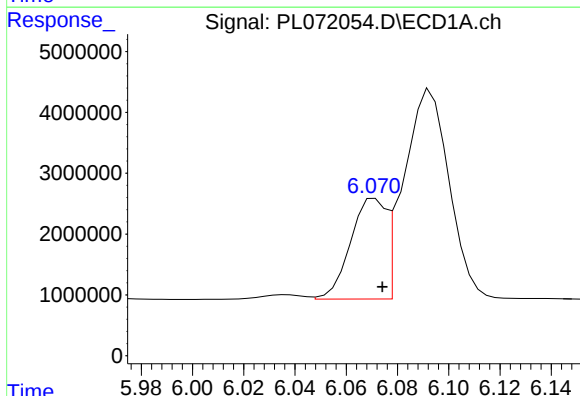
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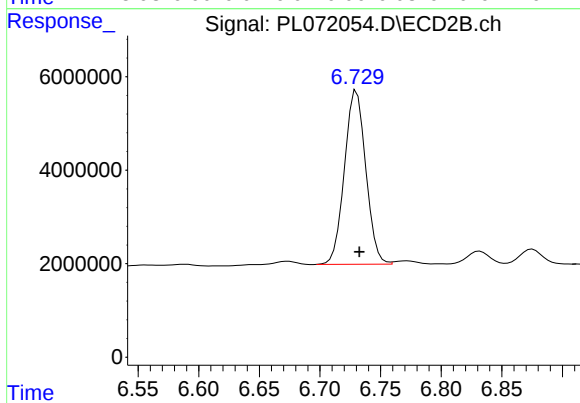
#5 Aldrin

R.T.: 7.487 min
Delta R.T.: -0.003 min
Response: 125947700
Conc: 56.96 ng/ml



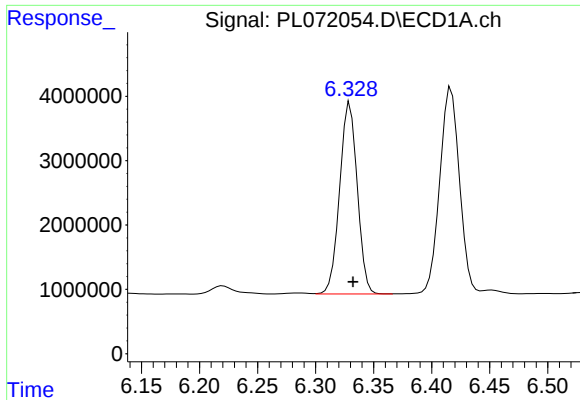
#6 beta-BHC

R.T.: 6.071 min
Delta R.T.: -0.003 min
Response: 15770101
Conc: 47.71 ng/ml



#6 beta-BHC

R.T.: 6.730 min
Delta R.T.: -0.002 min
Response: 45475221
Conc: 45.93 ng/ml



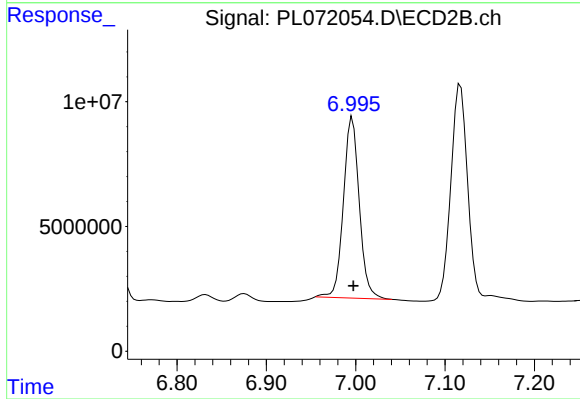
#7 delta-BHC

R.T.: 6.330 min
Delta R.T.: -0.002 min
Response: 31421647
Conc: 39.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-251686MSD

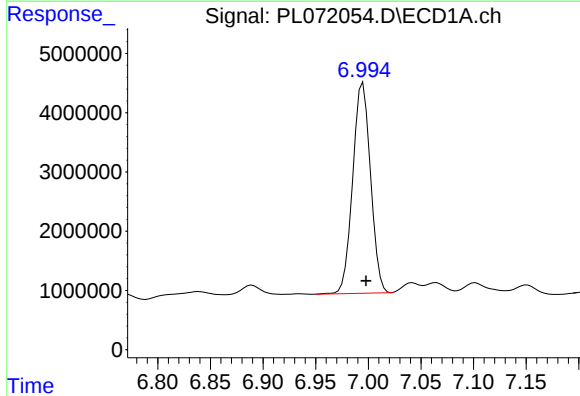
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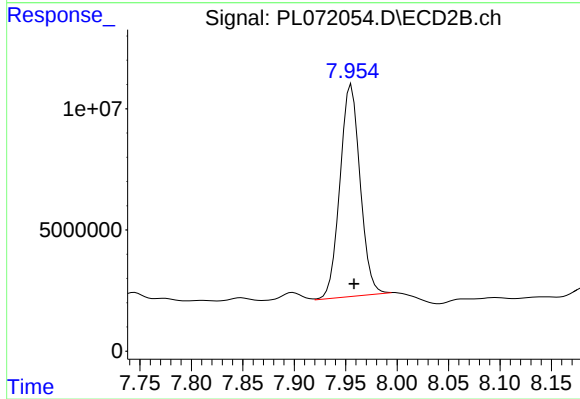
#7 delta-BHC

R.T.: 6.996 min
Delta R.T.: -0.001 min
Response: 89278699
Conc: 36.29 ng/ml



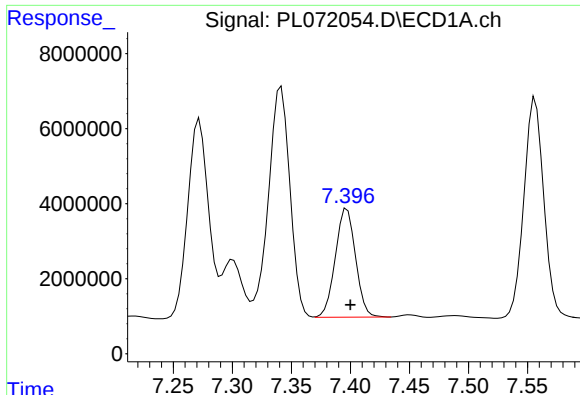
#8 Heptachlor epoxide

R.T.: 6.995 min
Delta R.T.: -0.003 min
Response: 41902815
Conc: 55.05 ng/ml



#8 Heptachlor epoxide

R.T.: 7.954 min
Delta R.T.: -0.004 min
Response: 119155331
Conc: 59.51 ng/ml m



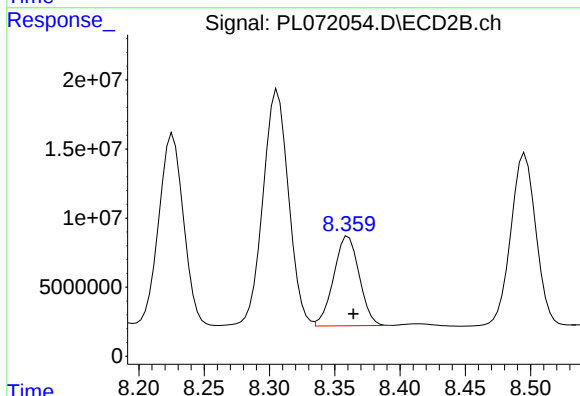
#9 Endosulfan I

R.T.: 7.397 min
Delta R.T.: -0.003 min
Response: 34562619
Conc: 48.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
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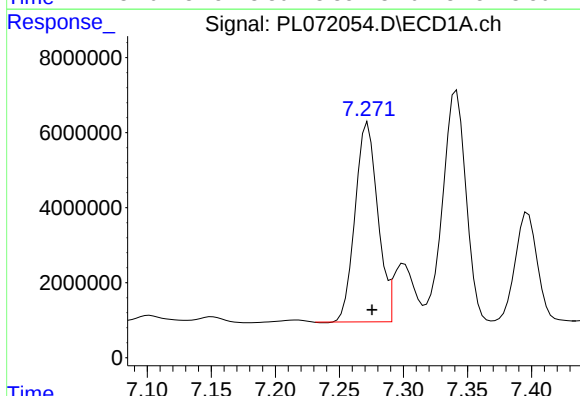
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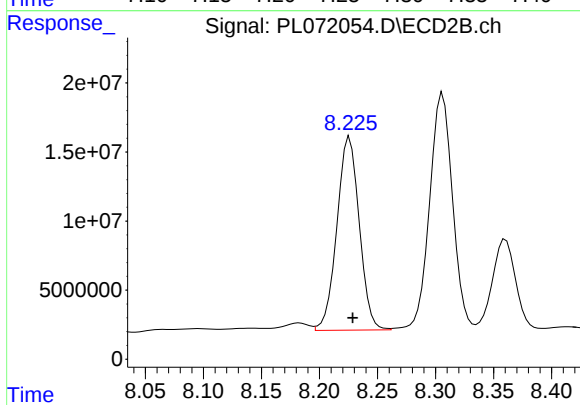
#9 Endosulfan I

R.T.: 8.360 min
Delta R.T.: -0.004 min
Response: 88482786
Conc: 48.88 ng/ml



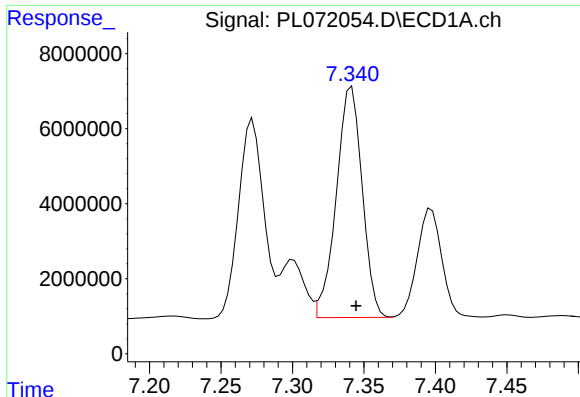
#10 gamma-Chlordane

R.T.: 7.272 min
Delta R.T.: -0.003 min
Response: 65140064
Conc: 82.91 ng/ml



#10 gamma-Chlordane

R.T.: 8.226 min
Delta R.T.: -0.003 min
Response: 187757791
Conc: 92.91 ng/ml



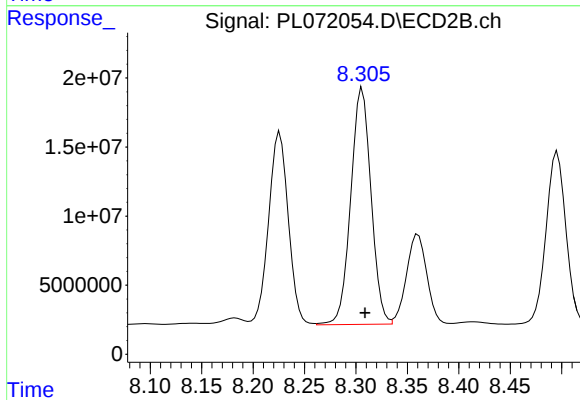
#11 alpha-Chlordane

R.T.: 7.341 min
Delta R.T.: -0.003 min
Response: 77770847
Conc: 99.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-251686MSD

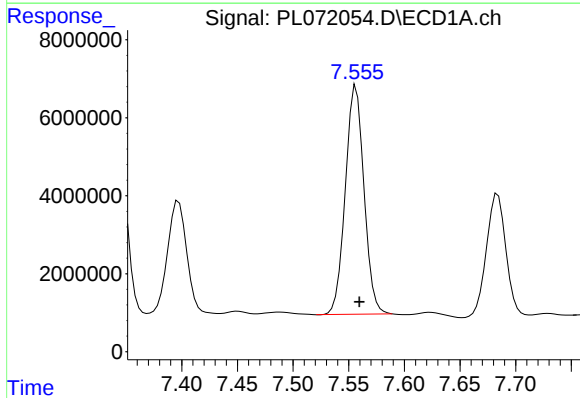
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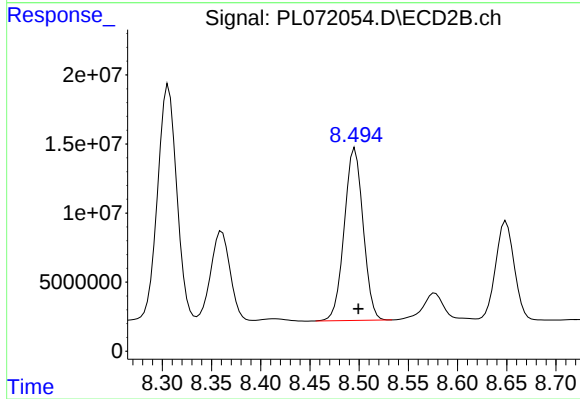
#11 alpha-Chlordane

R.T.: 8.306 min
Delta R.T.: -0.003 min
Response: 234878681
Conc: 118.46 ng/ml



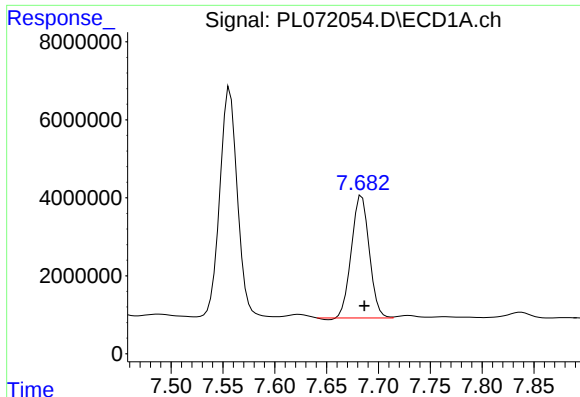
#12 4,4'-DDE

R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 68462529
Conc: 94.83 ng/ml



#12 4,4'-DDE

R.T.: 8.496 min
Delta R.T.: -0.004 min
Response: 166344195
Conc: 87.95 ng/ml



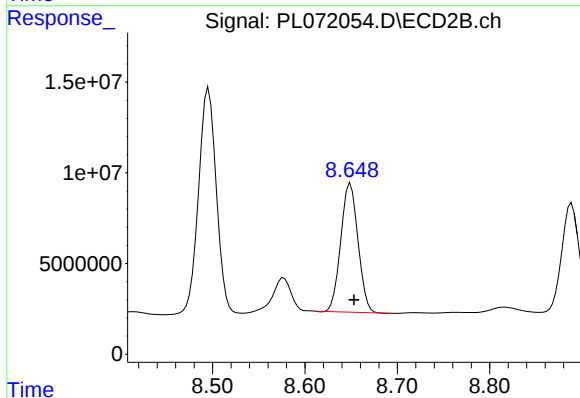
#13 Dieldrin

R.T.: 7.684 min
Delta R.T.: -0.003 min
Response: 37475698
Conc: 49.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-251686MSD

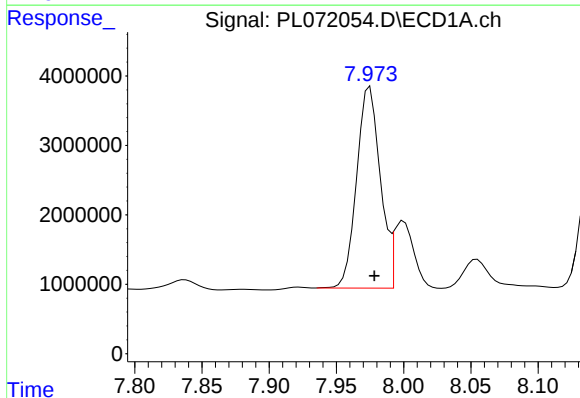
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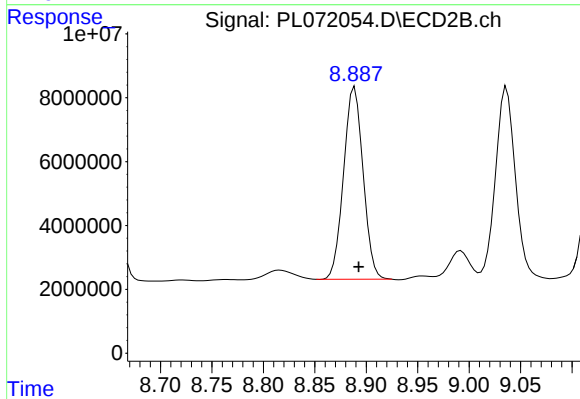
#13 Dieldrin

R.T.: 8.649 min
Delta R.T.: -0.004 min
Response: 91846281
Conc: 46.75 ng/ml



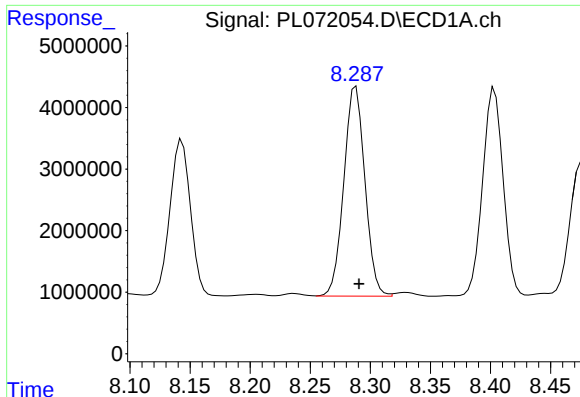
#14 Endrin

R.T.: 7.975 min
Delta R.T.: -0.003 min
Response: 35449951
Conc: 50.59 ng/ml



#14 Endrin

R.T.: 8.889 min
Delta R.T.: -0.004 min
Response: 79536068
Conc: 47.97 ng/ml



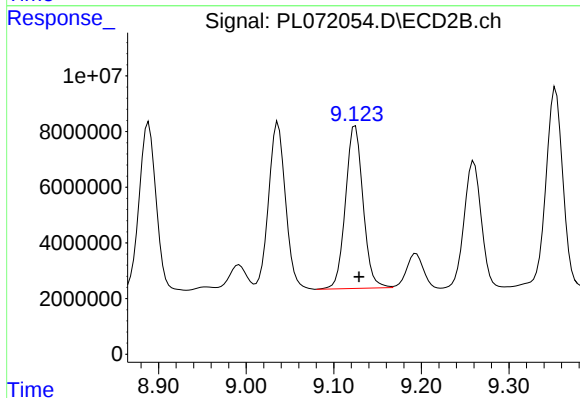
#15 Endosulfan II

R.T.: 8.288 min
Delta R.T.: -0.003 min
Response: 41642974
Conc: 56.01 ng/ml

Instrument :
ECD_L
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RBR-251686MSD

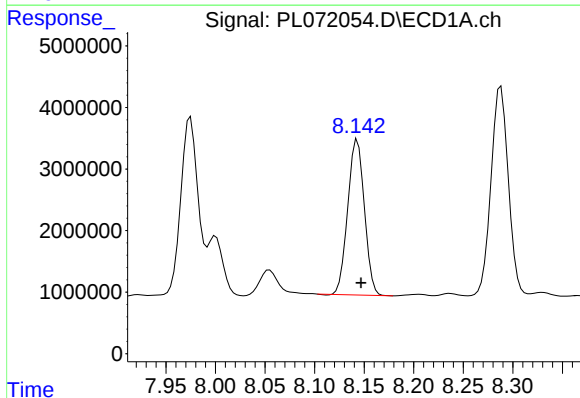
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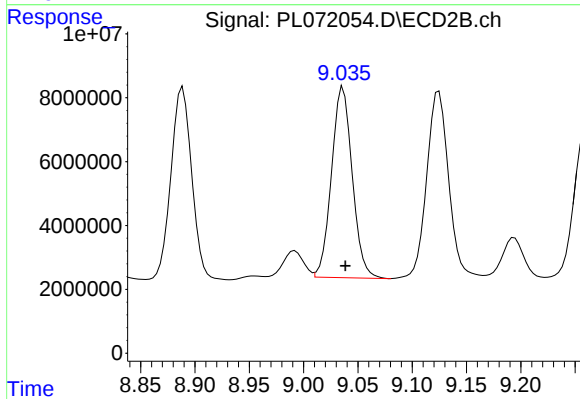
#15 Endosulfan II

R.T.: 9.125 min
Delta R.T.: -0.004 min
Response: 81457998
Conc: 47.50 ng/ml



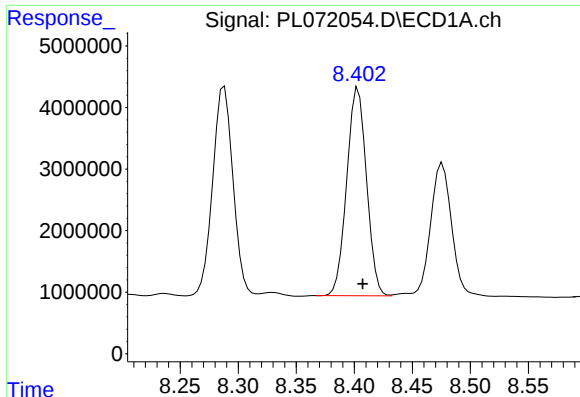
#16 4,4'-DDD

R.T.: 8.143 min
Delta R.T.: -0.004 min
Response: 29494660
Conc: 50.31 ng/ml



#16 4,4'-DDD

R.T.: 9.036 min
Delta R.T.: -0.002 min
Response: 79442780
Conc: 55.56 ng/ml



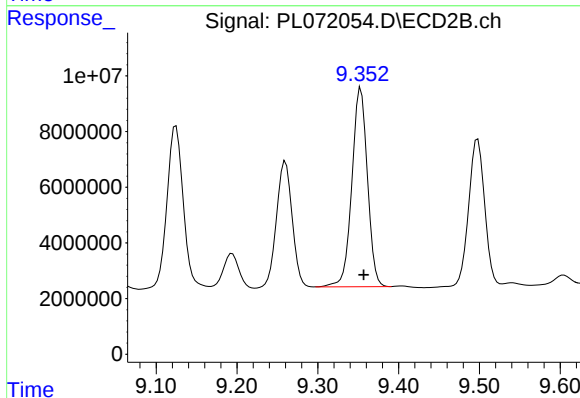
#17 4,4'-DDT

R.T.: 8.403 min
Delta R.T.: -0.004 min
Response: 40116986
Conc: 60.41 ng/ml

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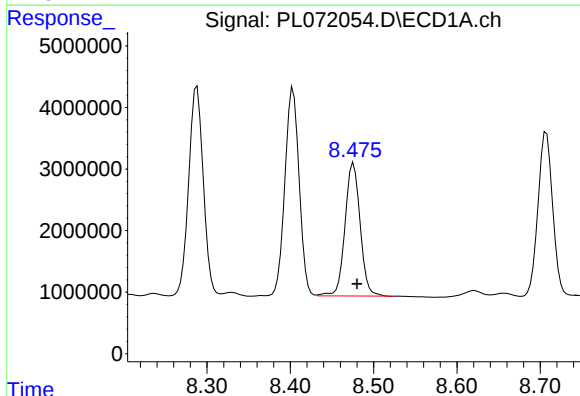
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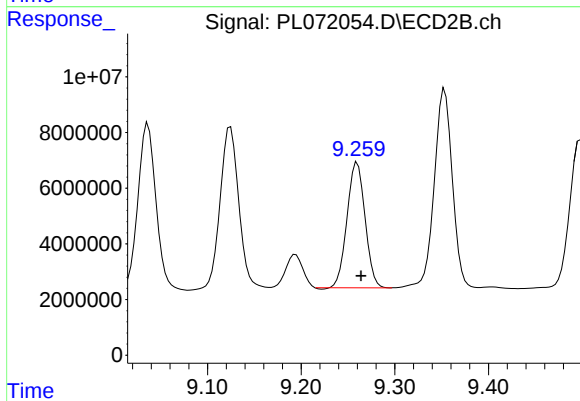
#17 4,4'-DDT

R.T.: 9.353 min
Delta R.T.: -0.004 min
Response: 95526469
Conc: 60.44 ng/ml



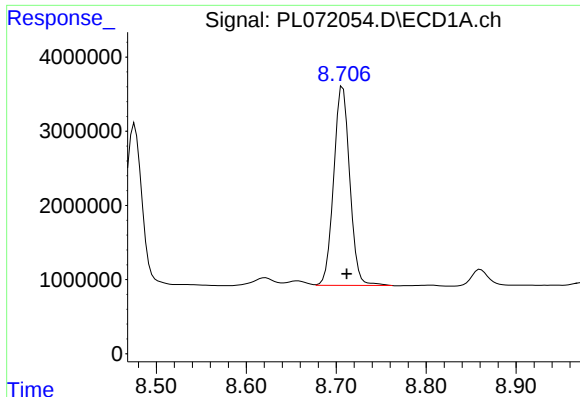
#18 Endrin aldehyde

R.T.: 8.476 min
Delta R.T.: -0.004 min
Response: 27316423
Conc: 47.94 ng/ml



#18 Endrin aldehyde

R.T.: 9.260 min
Delta R.T.: -0.004 min
Response: 60076726
Conc: 48.40 ng/ml



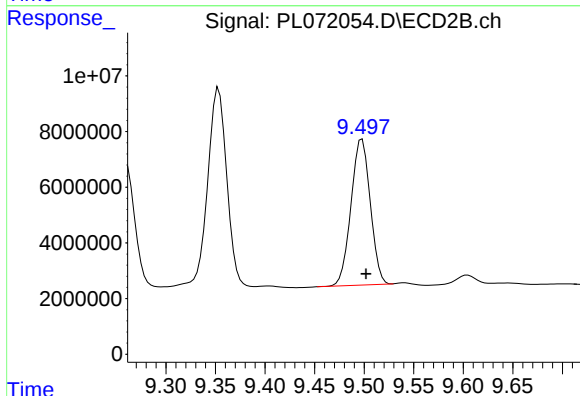
#19 Endosulfan Sulfate

R.T.: 8.707 min
Delta R.T.: -0.004 min
Response: 33336372
Conc: 45.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-251686MSD

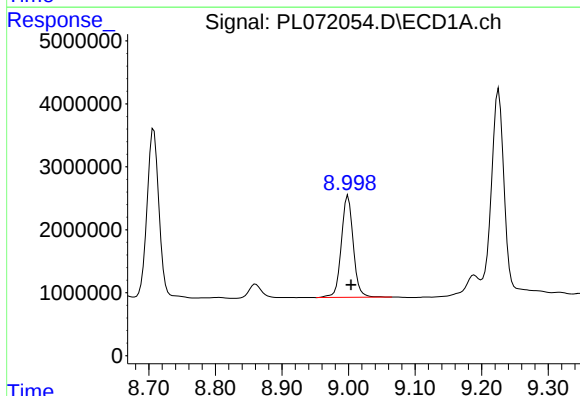
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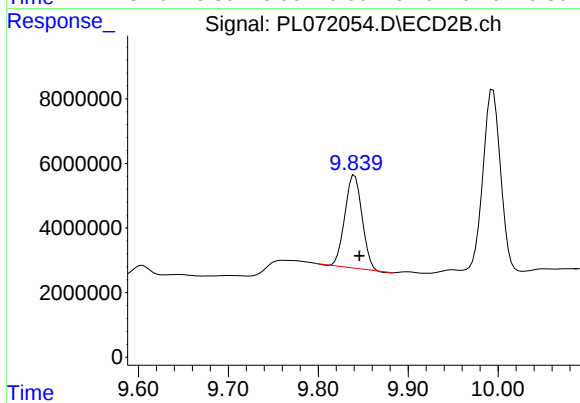
#19 Endosulfan Sulfate

R.T.: 9.498 min
Delta R.T.: -0.004 min
Response: 71112456
Conc: 45.55 ng/ml



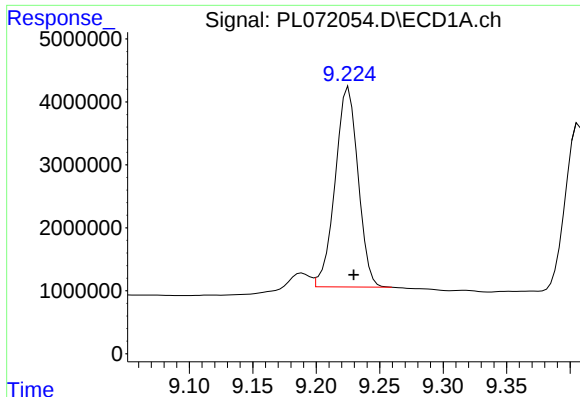
#20 Methoxychlor

R.T.: 8.999 min
Delta R.T.: -0.005 min
Response: 20104778
Conc: 47.65 ng/ml



#20 Methoxychlor

R.T.: 9.840 min
Delta R.T.: -0.005 min
Response: 38316992
Conc: 46.26 ng/ml



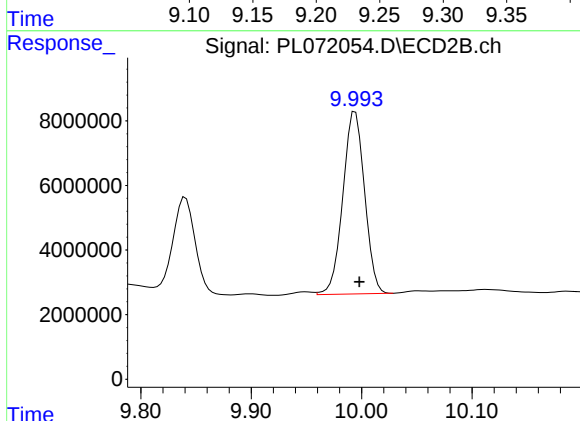
#21 Endrin ketone

R.T.: 9.224 min
Delta R.T.: -0.005 min
Response: 39776221
Conc: 47.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-251686MSD

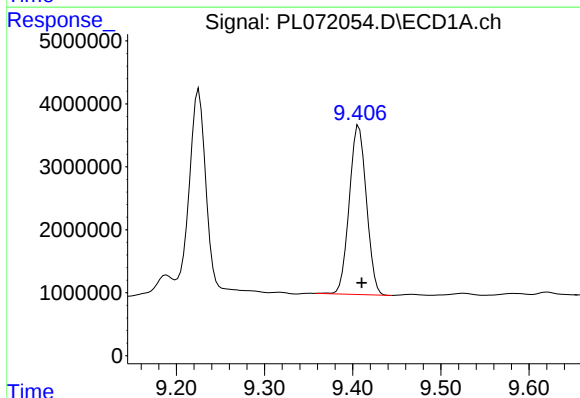
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/19/2022
Supervised By :Ankita Jodhani 01/19/2022



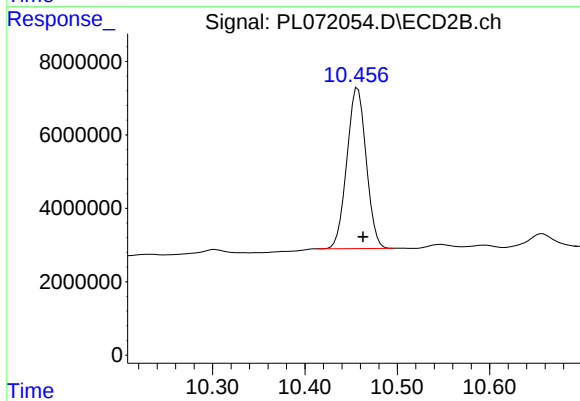
#21 Endrin ketone

R.T.: 9.994 min
Delta R.T.: -0.004 min
Response: 77191115
Conc: 46.64 ng/ml



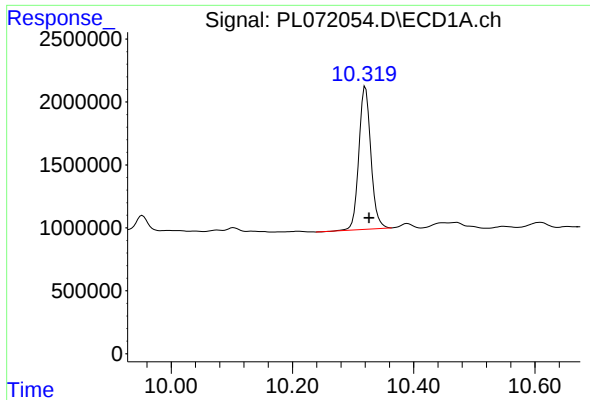
#22 Mirex

R.T.: 9.407 min
Delta R.T.: -0.003 min
Response: 36316020
Conc: 49.18 ng/ml



#22 Mirex

R.T.: 10.457 min
Delta R.T.: -0.006 min
Response: 63527343
Conc: 50.91 ng/ml



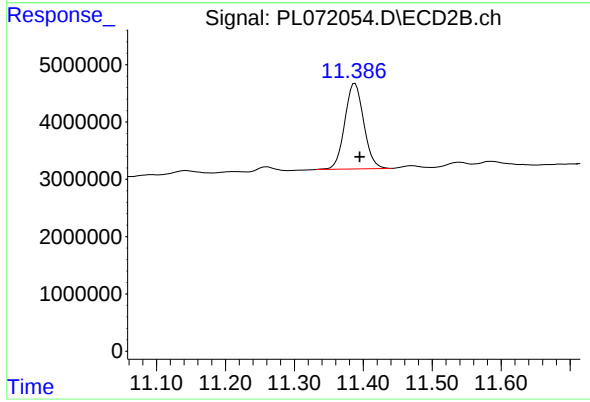
#28 Decachlorobiphenyl

R.T.: 10.320 min
Delta R.T.: -0.006 min
Response: 15522136
Conc: 17.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-251686MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.388 min
Delta R.T.: -0.007 min
Response: 28578202
Conc: 17.71 ng/ml