

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021422\
 Data File : PL072660.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Feb 2022 17:48
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/15/2022
 Supervised By : Ankita Jodhani 02/15/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 15 05:43:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 05:14:10 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...	4.555	5.510f	22834758	77764924	47.423	45.019
28) SA Decachlor...	10.315	11.402f	37838663	79790573	49.981	50.316
Target Compounds						
2) A alpha-BHC	5.262	6.092f	32067443	116.7E6	48.635	48.732
3) MA gamma-BHC...	5.685	6.488f	31433607	109.1E6	50.015	47.390
4) MA Heptachlor	6.090	7.134f	36239487	107.4E6	49.648	47.184
5) MB Aldrin	6.413	7.503f	33655936	104.7E6	52.127	48.959
6) B beta-BHC	6.069	6.748f	10650298	48930792	42.981m	47.998
7) B delta-BHC	6.328	7.014f	34332415	111.3E6	51.852	48.560
8) B Heptachlo...	6.991	7.971f	33099382	96036181	52.501	49.778
9) A Endosulfan I	7.393	8.376f	31126384	84993130	53.203	48.582
10) B gamma-Chl...	7.268	8.241f	33647624	97171935	53.117	50.237
11) B alpha-Chl...	7.338	8.321f	33809985	94368456	53.095	49.668
12) B 4,4'-DDE	7.553	8.512f	32809154	93302383	53.988	49.919
13) MA Dieldrin	7.679	8.665f	33807855	93904841	53.536	50.387
14) MA Endrin	7.971	8.903f	30102216	77338773	51.386	49.084m
15) B Endosulfa...	8.283	9.141f	32217895	84224326	52.955	50.094
16) A 4,4'-DDD	8.139	9.052f	26972118	73365968	56.064	53.018
17) MA 4,4'-DDT	8.399	9.369f	28341217	74239393	52.671	48.496
18) B Endrin al...	8.472	9.276f	24688907	62057740	56.641	55.139
19) B Endosulfa...	8.703	9.512f	32076288	78145916	53.901	52.237m
20) A Methoxychlor	8.995	9.857f	17635518	39557224	50.154	48.857
21) B Endrin ke...	9.221	10.009f	37967875	85140756	55.244	53.437m
22) Mirex	9.402	10.471f	32140632	62468912	54.177	53.215m

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

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PSTDCCC050

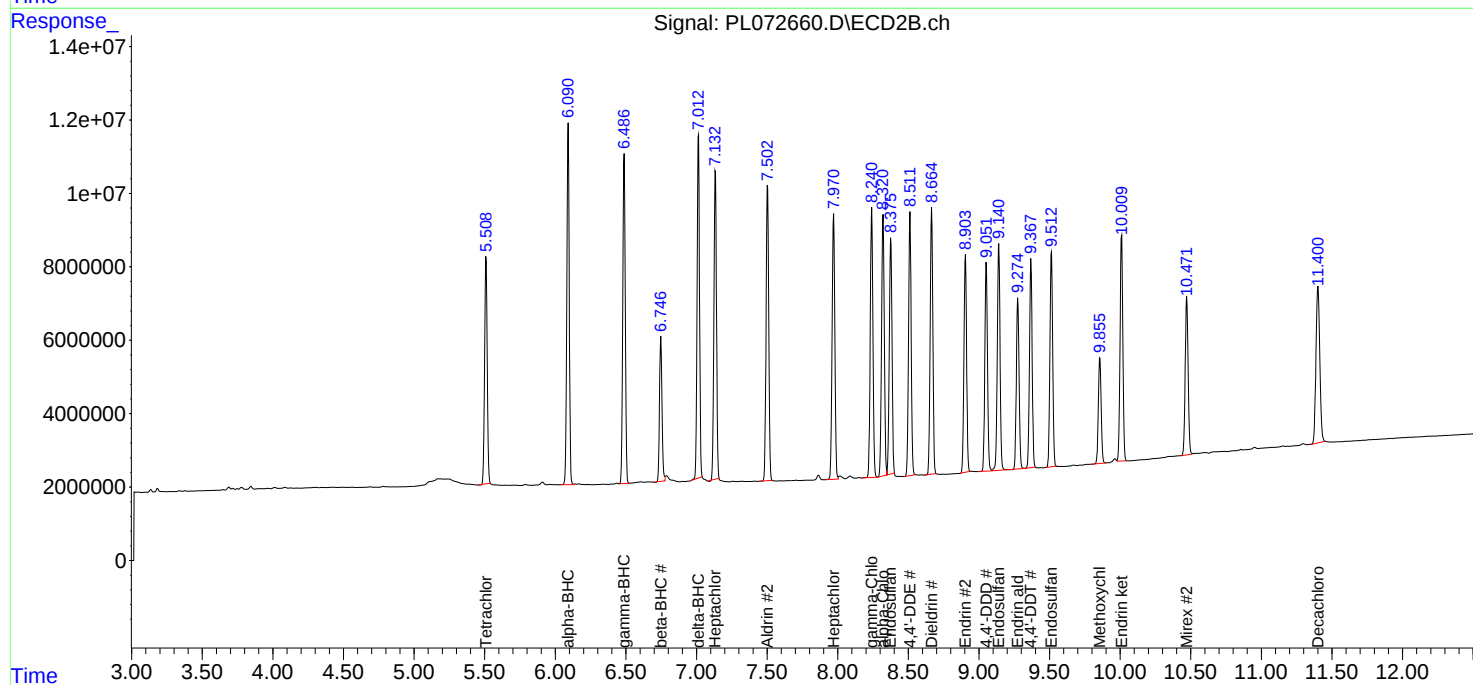
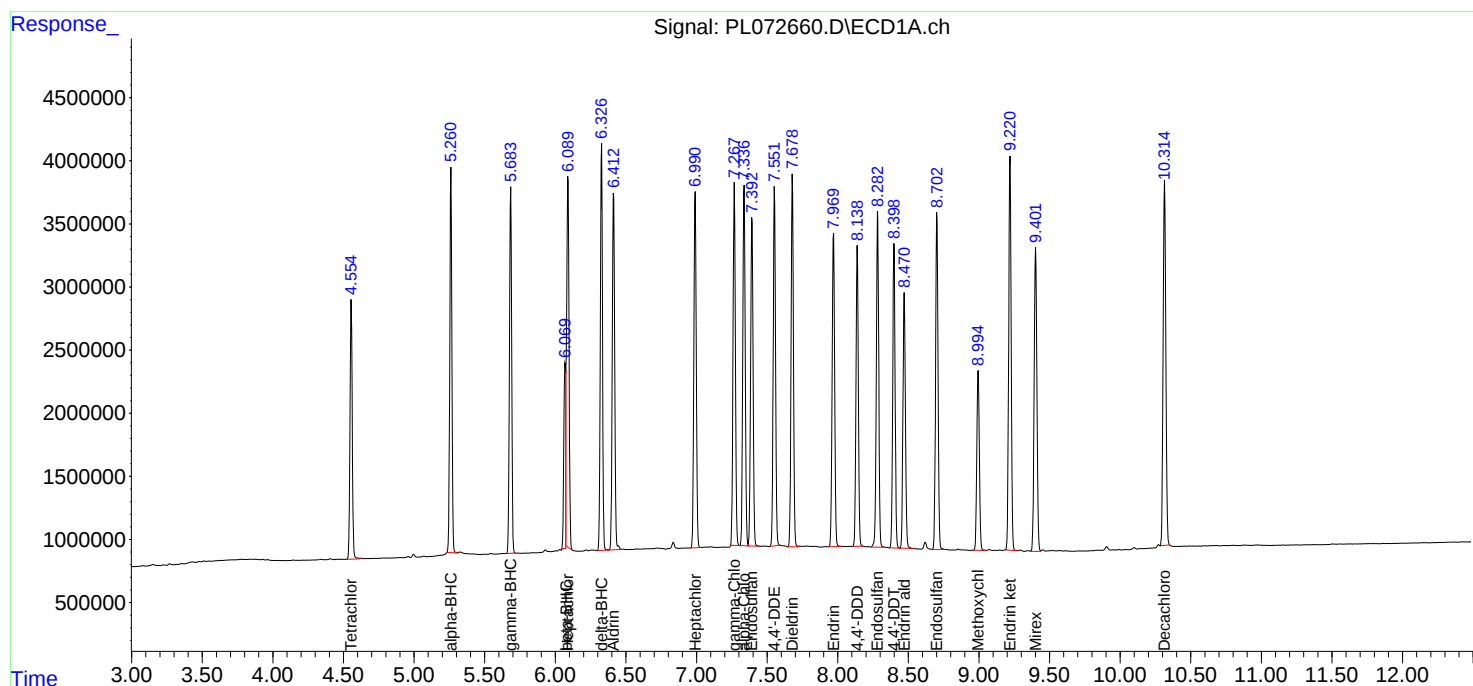
Manual Integrations

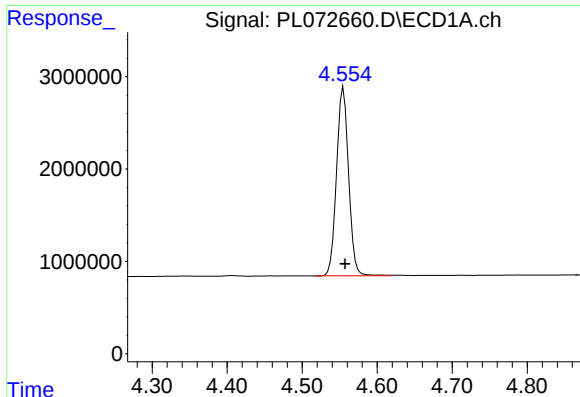
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 Supervised By :Ankita Jodhani 02/15/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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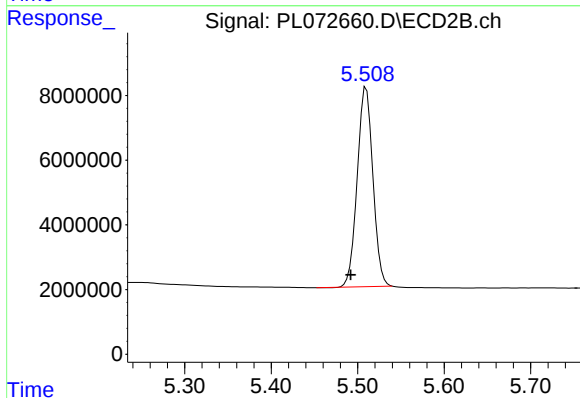
#1 Tetrachloro-m-xylene

R.T.: 4.555 min
Delta R.T.: -0.002 min
Response: 22834758
Conc: 47.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

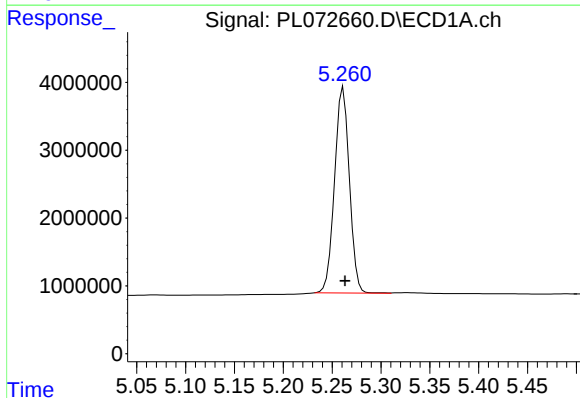
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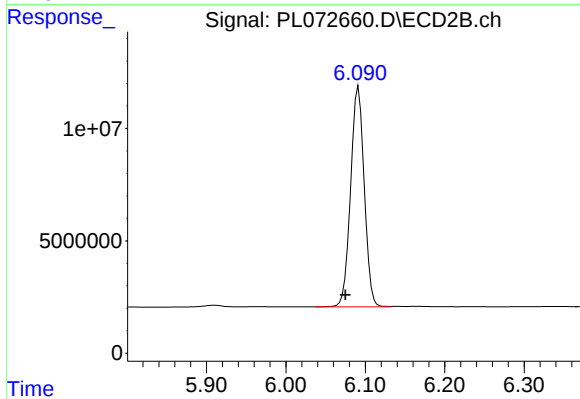
#1 Tetrachloro-m-xylene

R.T.: 5.510 min
Delta R.T.: 0.018 min
Response: 77764924
Conc: 45.02 ng/ml



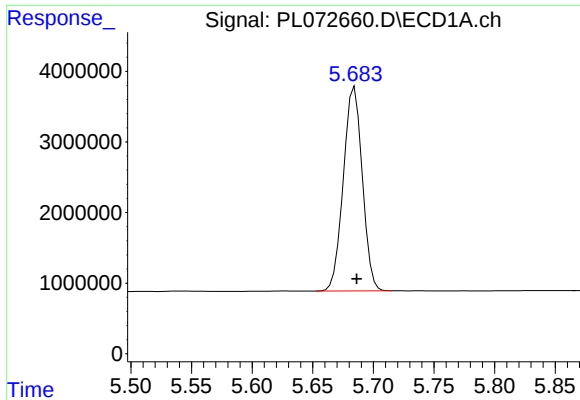
#2 alpha-BHC

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 32067443
Conc: 48.63 ng/ml



#2 alpha-BHC

R.T.: 6.092 min
Delta R.T.: 0.017 min
Response: 116701009
Conc: 48.73 ng/ml



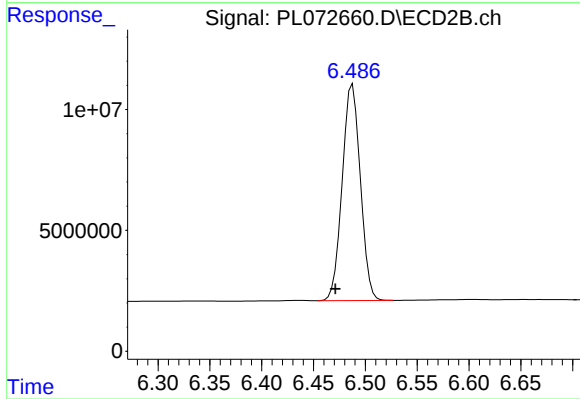
#3 gamma-BHC (Lindane)

R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 31433607
Conc: 50.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

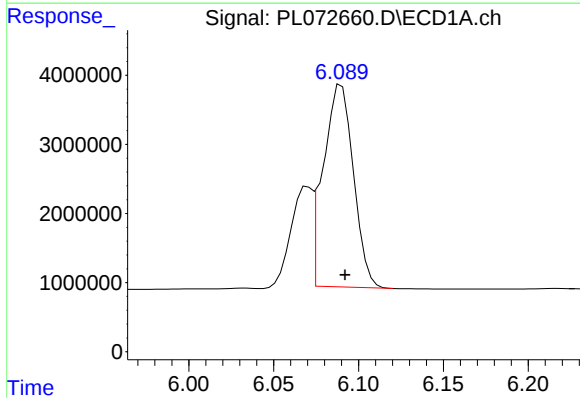
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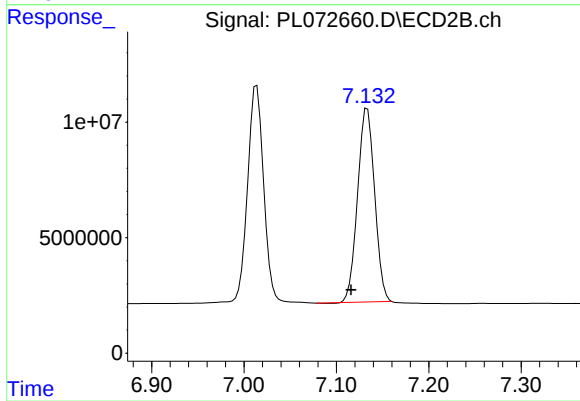
#3 gamma-BHC (Lindane)

R.T.: 6.488 min
Delta R.T.: 0.017 min
Response: 109112743
Conc: 47.39 ng/ml



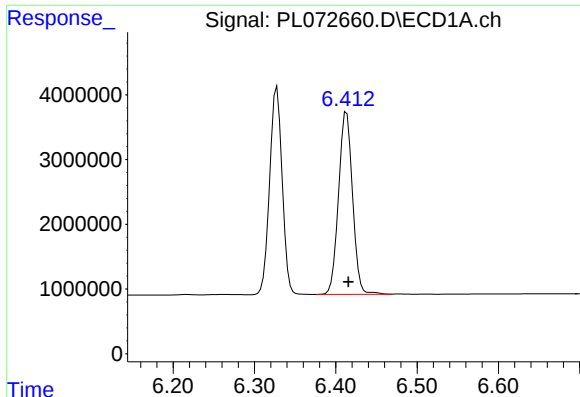
#4 Heptachlor

R.T.: 6.090 min
Delta R.T.: -0.002 min
Response: 36239487
Conc: 49.65 ng/ml



#4 Heptachlor

R.T.: 7.134 min
Delta R.T.: 0.018 min
Response: 107431727
Conc: 47.18 ng/ml



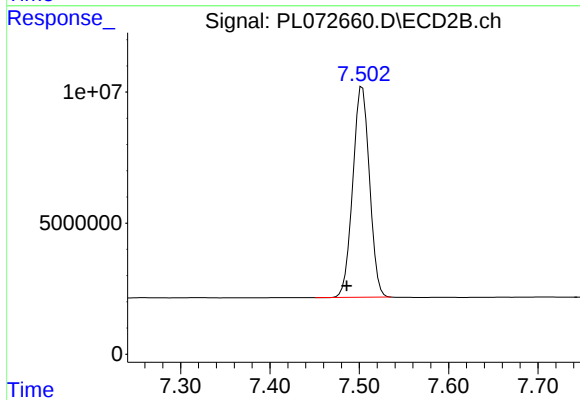
#5 Aldrin

R.T.: 6.413 min
Delta R.T.: -0.002 min
Response: 33655936
Conc: 52.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

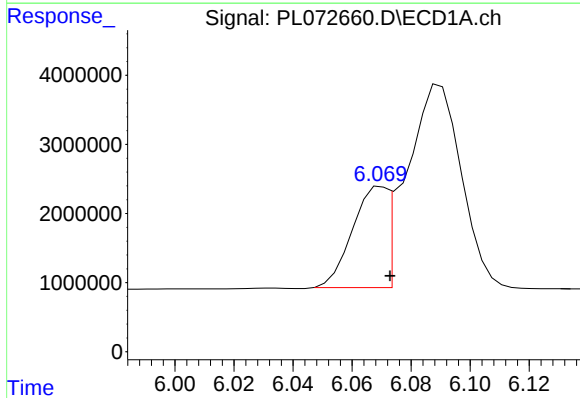
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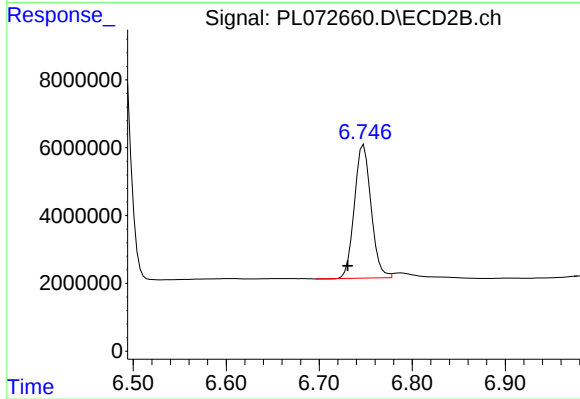
#5 Aldrin

R.T.: 7.503 min
Delta R.T.: 0.017 min
Response: 104663993
Conc: 48.96 ng/ml



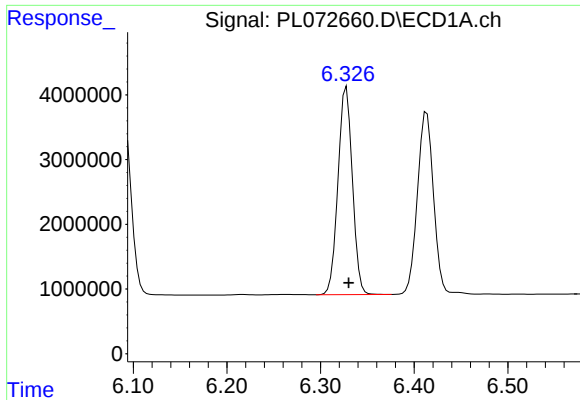
#6 beta-BHC

R.T.: 6.069 min
Delta R.T.: -0.004 min
Response: 10650298
Conc: 42.98 ng/ml m



#6 beta-BHC

R.T.: 6.748 min
Delta R.T.: 0.017 min
Response: 48930792
Conc: 48.00 ng/ml



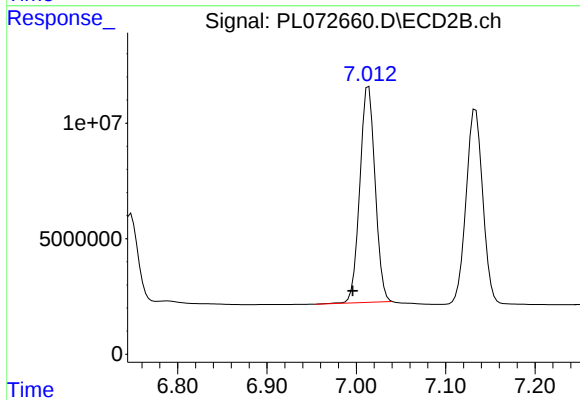
#7 delta-BHC

R.T.: 6.328 min
Delta R.T.: -0.002 min
Response: 34332415
Conc: 51.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

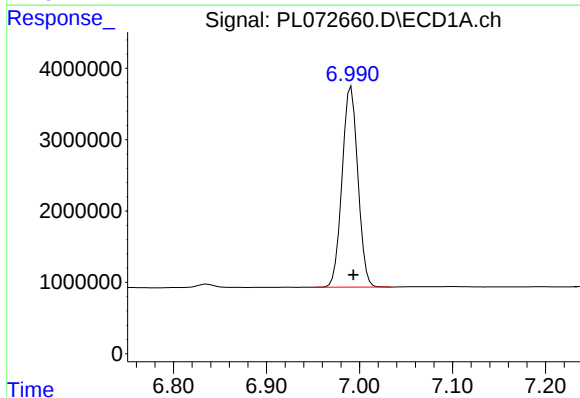
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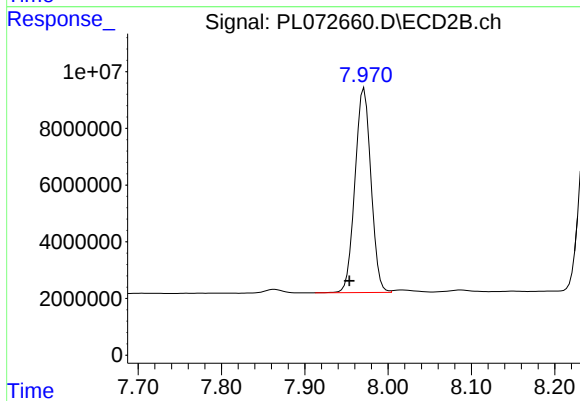
#7 delta-BHC

R.T.: 7.014 min
Delta R.T.: 0.018 min
Response: 111251555
Conc: 48.56 ng/ml



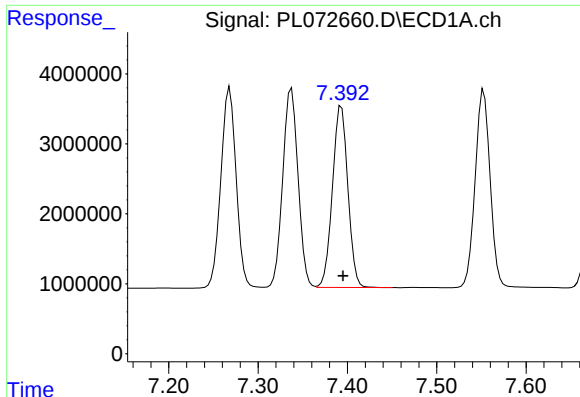
#8 Heptachlor epoxide

R.T.: 6.991 min
Delta R.T.: -0.003 min
Response: 33099382
Conc: 52.50 ng/ml



#8 Heptachlor epoxide

R.T.: 7.971 min
Delta R.T.: 0.018 min
Response: 96036181
Conc: 49.78 ng/ml



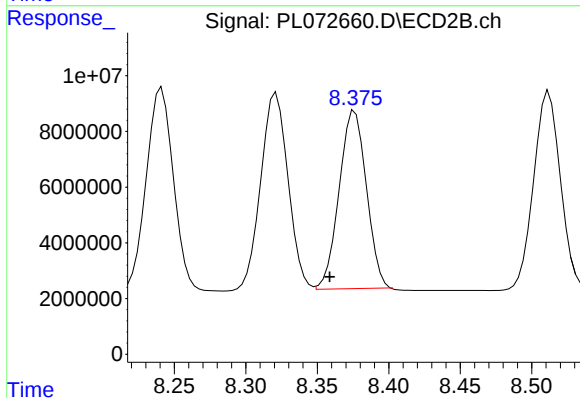
#9 Endosulfan I

R.T.: 7.393 min
Delta R.T.: -0.002 min
Response: 31126384
Conc: 53.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

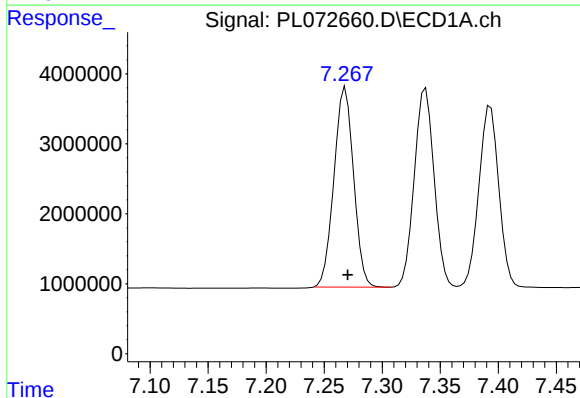
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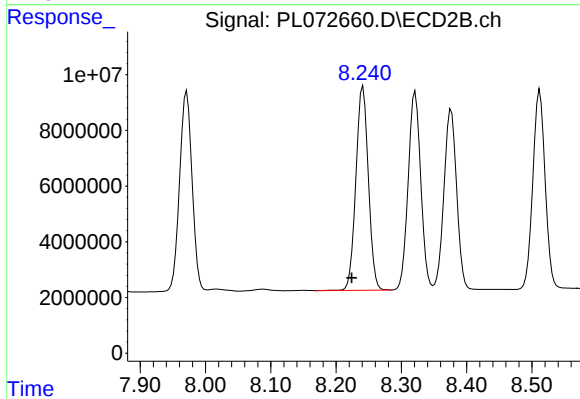
#9 Endosulfan I

R.T.: 8.376 min
Delta R.T.: 0.018 min
Response: 84993130
Conc: 48.58 ng/ml



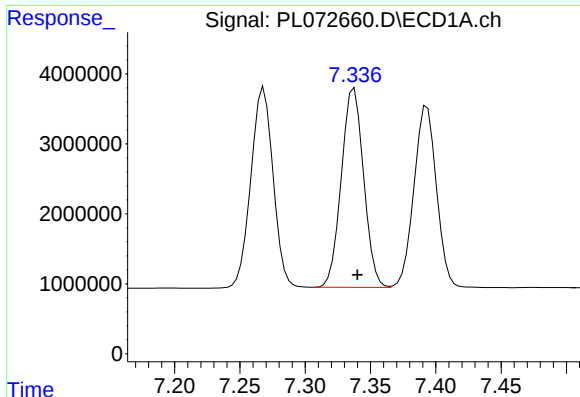
#10 gamma-Chlordane

R.T.: 7.268 min
Delta R.T.: -0.002 min
Response: 33647624
Conc: 53.12 ng/ml



#10 gamma-Chlordane

R.T.: 8.241 min
Delta R.T.: 0.017 min
Response: 97171935
Conc: 50.24 ng/ml



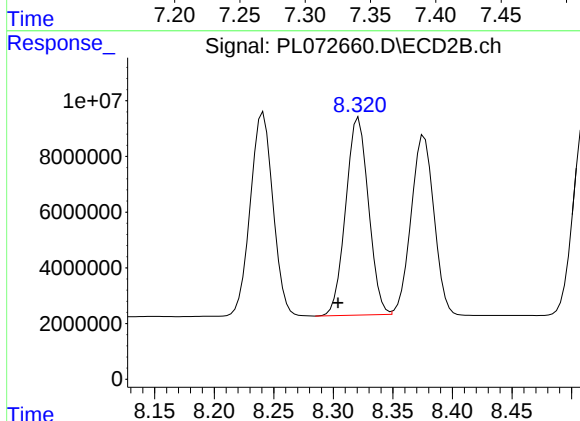
#11 alpha-Chlordane

R.T.: 7.338 min
Delta R.T.: -0.002 min
Response: 33809985
Conc: 53.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

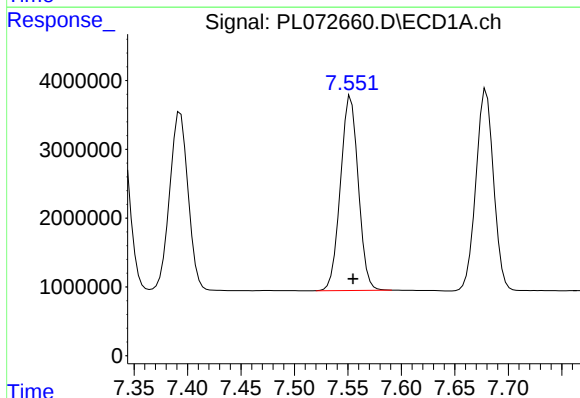
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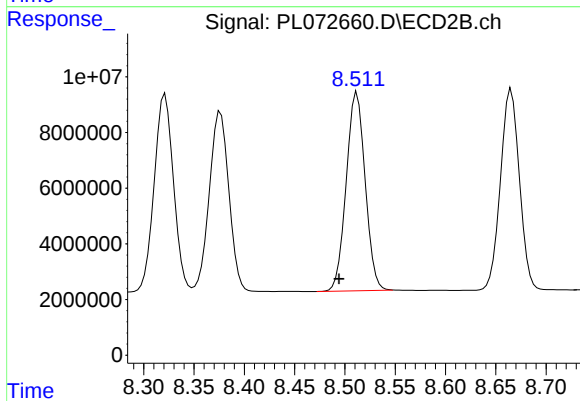
#11 alpha-Chlordane

R.T.: 8.321 min
Delta R.T.: 0.017 min
Response: 94368456
Conc: 49.67 ng/ml



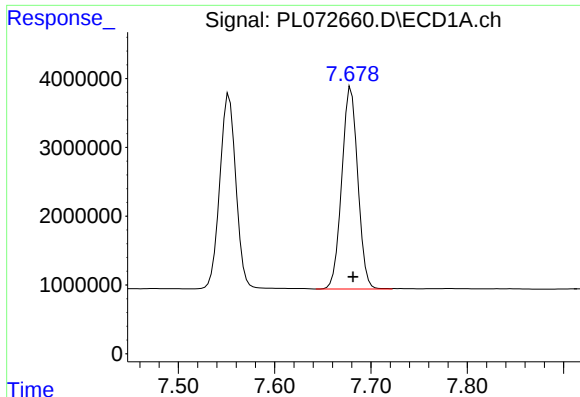
#12 4,4'-DDE

R.T.: 7.553 min
Delta R.T.: -0.002 min
Response: 32809154
Conc: 53.99 ng/ml



#12 4,4'-DDE

R.T.: 8.512 min
Delta R.T.: 0.018 min
Response: 93302383
Conc: 49.92 ng/ml



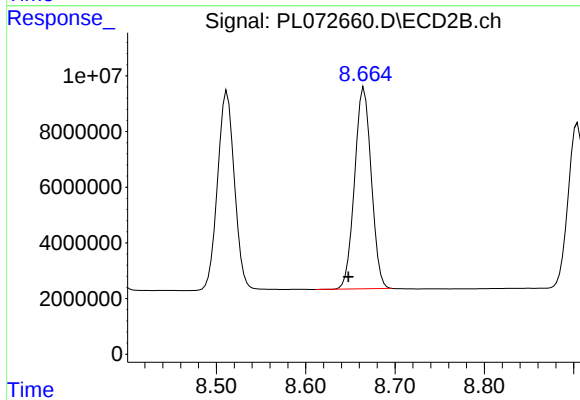
#13 Dieldrin

R.T.: 7.679 min
Delta R.T.: -0.002 min
Response: 33807855
Conc: 53.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

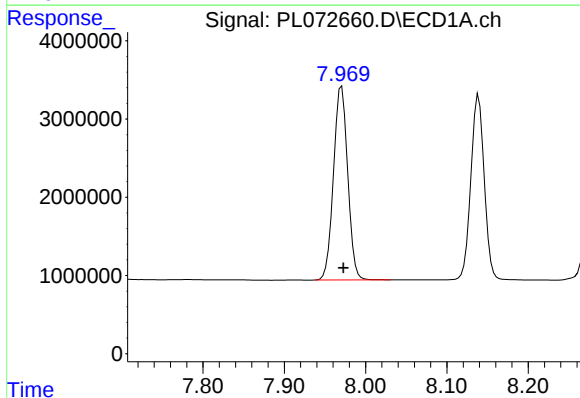
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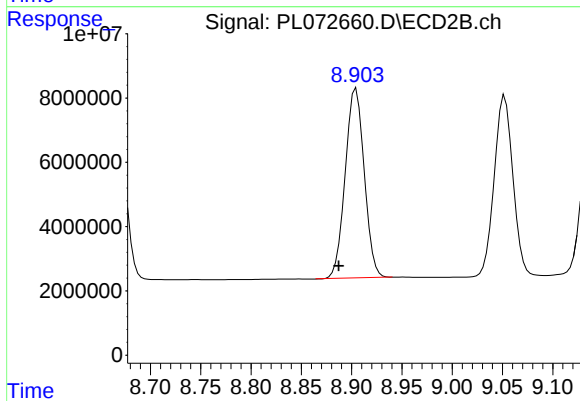
#13 Dieldrin

R.T.: 8.665 min
Delta R.T.: 0.017 min
Response: 93904841
Conc: 50.39 ng/ml



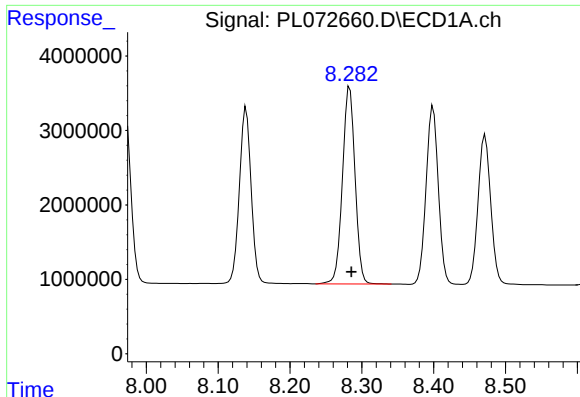
#14 Endrin

R.T.: 7.971 min
Delta R.T.: -0.002 min
Response: 30102216
Conc: 51.39 ng/ml



#14 Endrin

R.T.: 8.903 min
Delta R.T.: 0.016 min
Response: 77338773
Conc: 49.08 ng/ml m



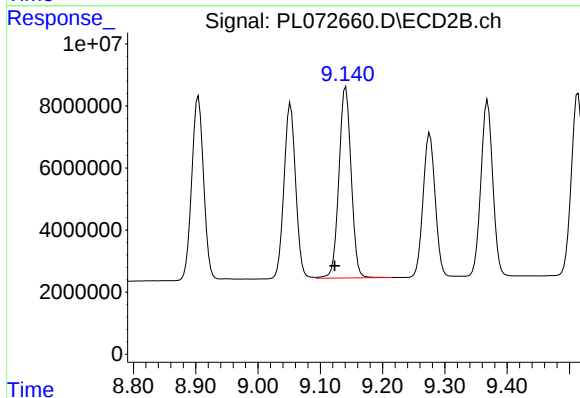
#15 Endosulfan II

R.T.: 8.283 min
Delta R.T.: -0.002 min
Response: 32217895
Conc: 52.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

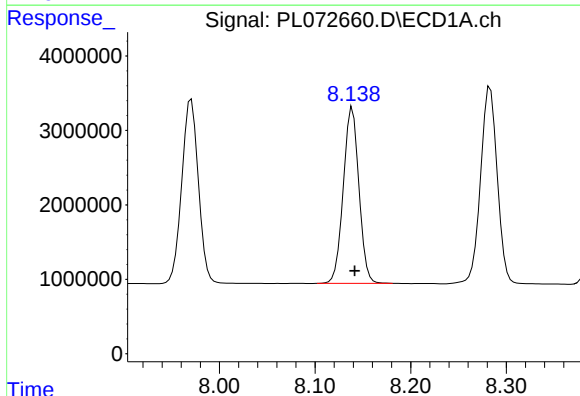
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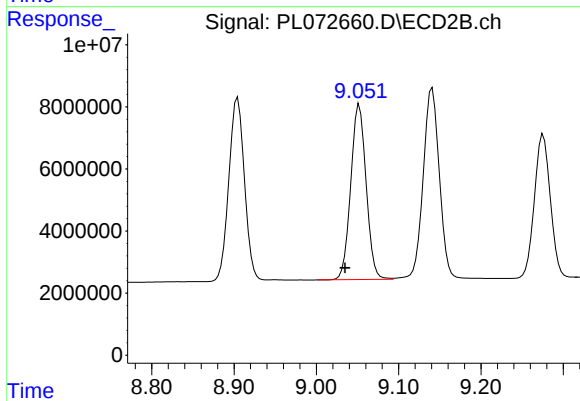
#15 Endosulfan II

R.T.: 9.141 min
Delta R.T.: 0.018 min
Response: 84224326
Conc: 50.09 ng/ml



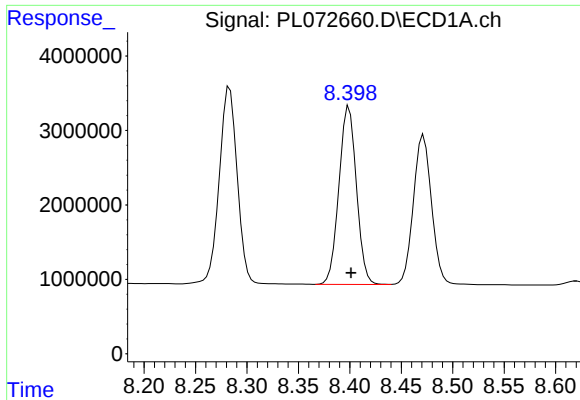
#16 4,4'-DDD

R.T.: 8.139 min
Delta R.T.: -0.002 min
Response: 26972118
Conc: 56.06 ng/ml



#16 4,4'-DDD

R.T.: 9.052 min
Delta R.T.: 0.017 min
Response: 73365968
Conc: 53.02 ng/ml



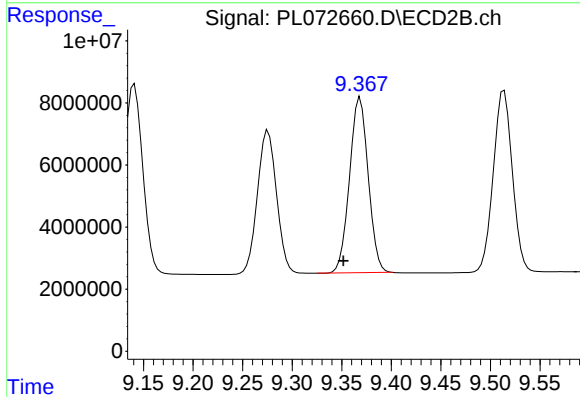
#17 4,4'-DDT

R.T.: 8.399 min
Delta R.T.: -0.002 min
Response: 28341217
Conc: 52.67 ng/ml

Instrument :
ECD_L
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PSTDCCC050

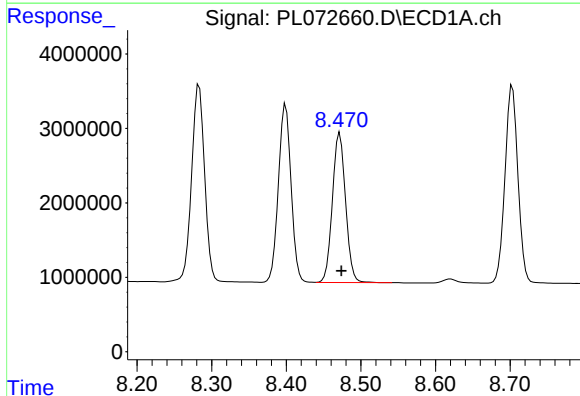
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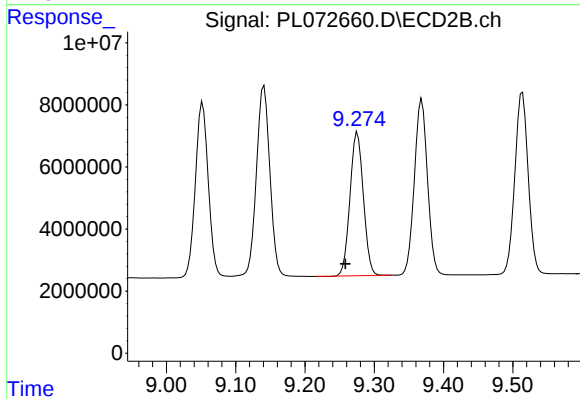
#17 4,4'-DDT

R.T.: 9.369 min
Delta R.T.: 0.017 min
Response: 74239393
Conc: 48.50 ng/ml



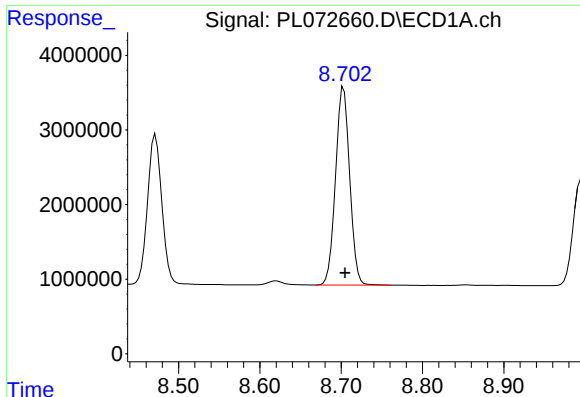
#18 Endrin aldehyde

R.T.: 8.472 min
Delta R.T.: -0.002 min
Response: 24688907
Conc: 56.64 ng/ml



#18 Endrin aldehyde

R.T.: 9.276 min
Delta R.T.: 0.017 min
Response: 62057740
Conc: 55.14 ng/ml



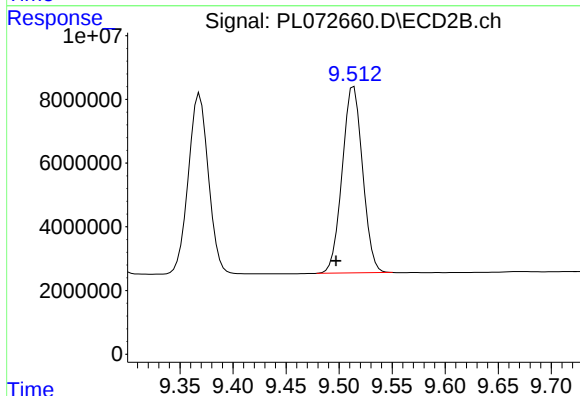
#19 Endosulfan Sulfate

R.T.: 8.703 min
Delta R.T.: -0.002 min
Response: 32076288
Conc: 53.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

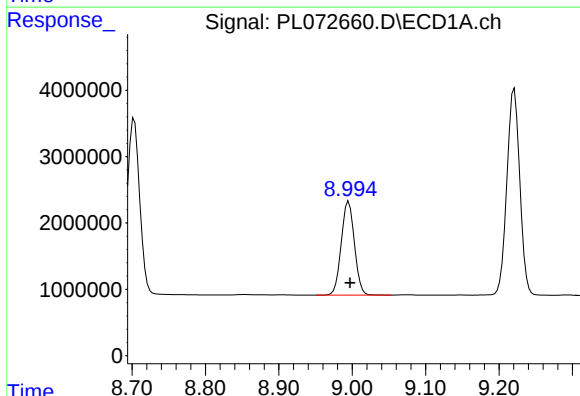
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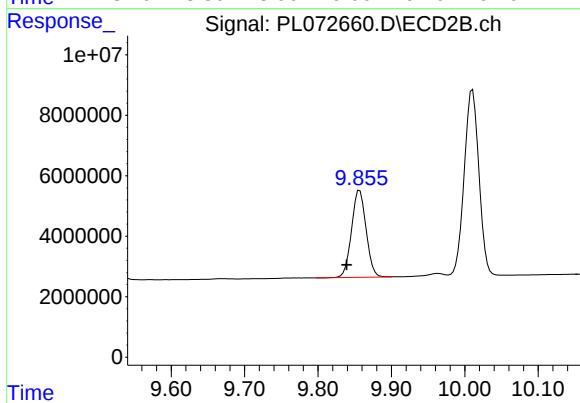
#19 Endosulfan Sulfate

R.T.: 9.512 min
Delta R.T.: 0.015 min
Response: 78145916
Conc: 52.24 ng/ml m



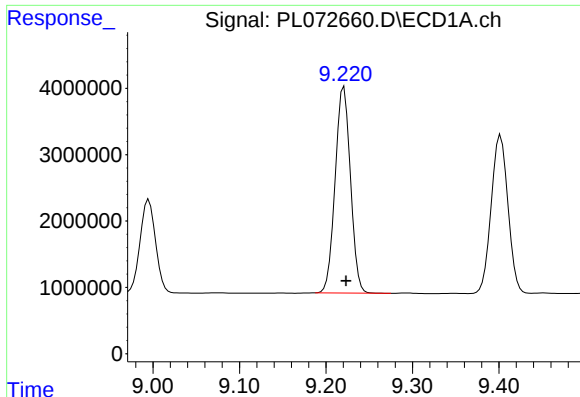
#20 Methoxychlor

R.T.: 8.995 min
Delta R.T.: -0.002 min
Response: 17635518
Conc: 50.15 ng/ml



#20 Methoxychlor

R.T.: 9.857 min
Delta R.T.: 0.017 min
Response: 39557224
Conc: 48.86 ng/ml



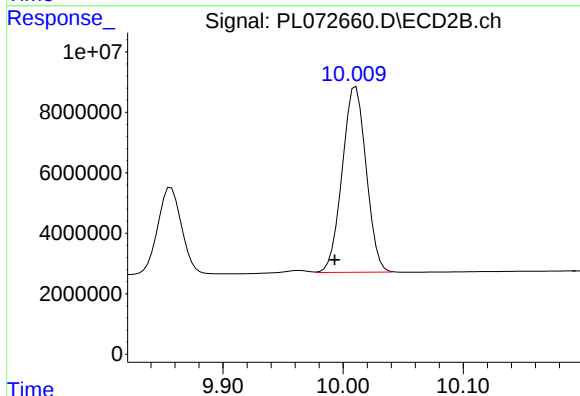
#21 Endrin ketone

R.T.: 9.221 min
Delta R.T.: -0.002 min
Response: 37967875
Conc: 55.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

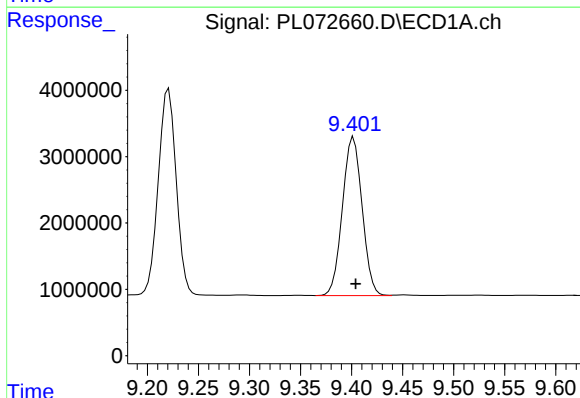
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Reviewed By :Abdul Mirza 02/15/2022
Supervised By :Ankita Jodhani 02/15/2022



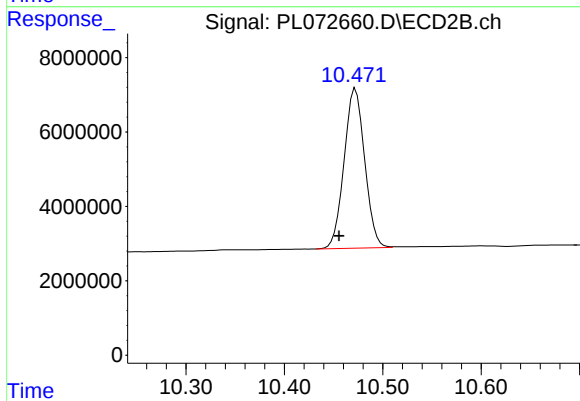
#21 Endrin ketone

R.T.: 10.009 min
Delta R.T.: 0.016 min
Response: 85140756
Conc: 53.44 ng/ml m



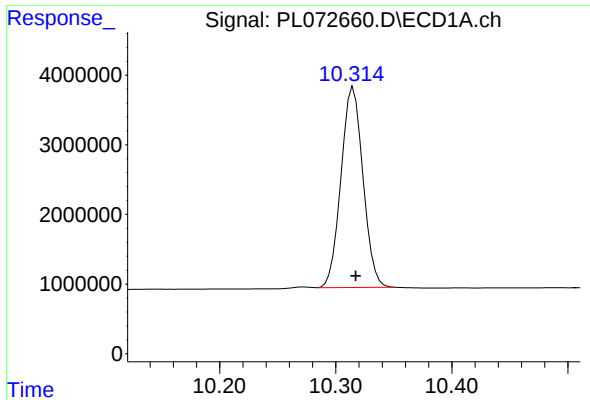
#22 Mirex

R.T.: 9.402 min
Delta R.T.: -0.002 min
Response: 32140632
Conc: 54.18 ng/ml



#22 Mirex

R.T.: 10.471 min
Delta R.T.: 0.015 min
Response: 62468912
Conc: 53.22 ng/ml m



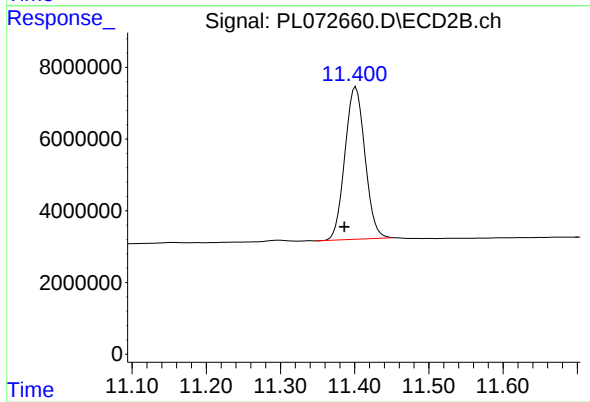
#28 Decachlorobiphenyl

R.T.: 10.315 min
Delta R.T.: -0.002 min
Response: 37838663
Conc: 49.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/15/2022
Supervised By :Ankita Jodhani 02/15/2022



#28 Decachlorobiphenyl

R.T.: 11.402 min
Delta R.T.: 0.016 min
Response: 79790573
Conc: 50.32 ng/ml