

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020922\
 Data File : PL072570.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Feb 2022 12:25
 Operator : AR\AJ
 Sample : PB142546BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB142546BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/10/2022
 Supervised By :Ankita Jodhani 02/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 10 01:56:31 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...	4.563	5.493	8927421	32143016	18.541	18.608
28)	SA Decachlor...	10.322	11.388	15542335	34359645	20.530	21.667
Target Compounds							
2)	A alpha-BHC	5.269	6.075	28043771	105.7E6	42.532	44.118
3)	MA gamma-BHC...	5.692	6.471	27223039	102.1E6	43.316	44.363
4)	MA Heptachlor	6.096	7.117	30667970	99651763	42.015m	43.767
5)	MB Aldrin	6.422	7.487	28387271	97869096	43.967	45.781
6)	B beta-BHC	6.078	6.731	10102013	44676017	40.769m	43.825
7)	B delta-BHC	6.335	6.997	27950787	99424322	42.214	43.397
8)	B Heptachlo...	6.999	7.955	27984692	90364226	44.389	46.838
9)	A Endosulfan I	7.401	8.360	26416146	82258999	45.152	47.019
10)	B gamma-Chl...	7.276	8.225	28391684	90546515	44.820	46.812
11)	B alpha-Chl...	7.345	8.305	28643438	88926731	44.982	46.804
12)	B 4,4'-DDE	7.560	8.496	27587168	87446185	45.395	46.786
13)	MA Dieldrin	7.687	8.649	28422048	88567080	45.007	47.523
14)	MA Endrin	7.978	8.889	24354526	68599362	41.574	43.537
15)	B Endosulfa...	8.291	9.125	27022022	77756344	44.415	46.247
16)	A 4,4'-DDD	8.145	9.037	23362209	71493592	48.561m	51.665
17)	MA 4,4'-DDT	8.406	9.353	22051730	65888838	40.982	43.041
18)	B Endrin al...	8.480	9.260	23063842	63558208	52.913	56.472
19)	B Endosulfa...	8.711	9.498	27133237	73352103	45.594	49.033
20)	A Methoxychlor	9.003	9.841	14340010	34432355	40.782	42.527
21)	B Endrin ke...	9.228	9.995	33616448	81803673	48.913	51.342
22)	Mirex	9.409	10.457	30293490	65311749	51.064	55.637

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020922\
Data File : PL072570.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Feb 2022 12:25
Operator : AR\AJ
Sample : PB142546BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

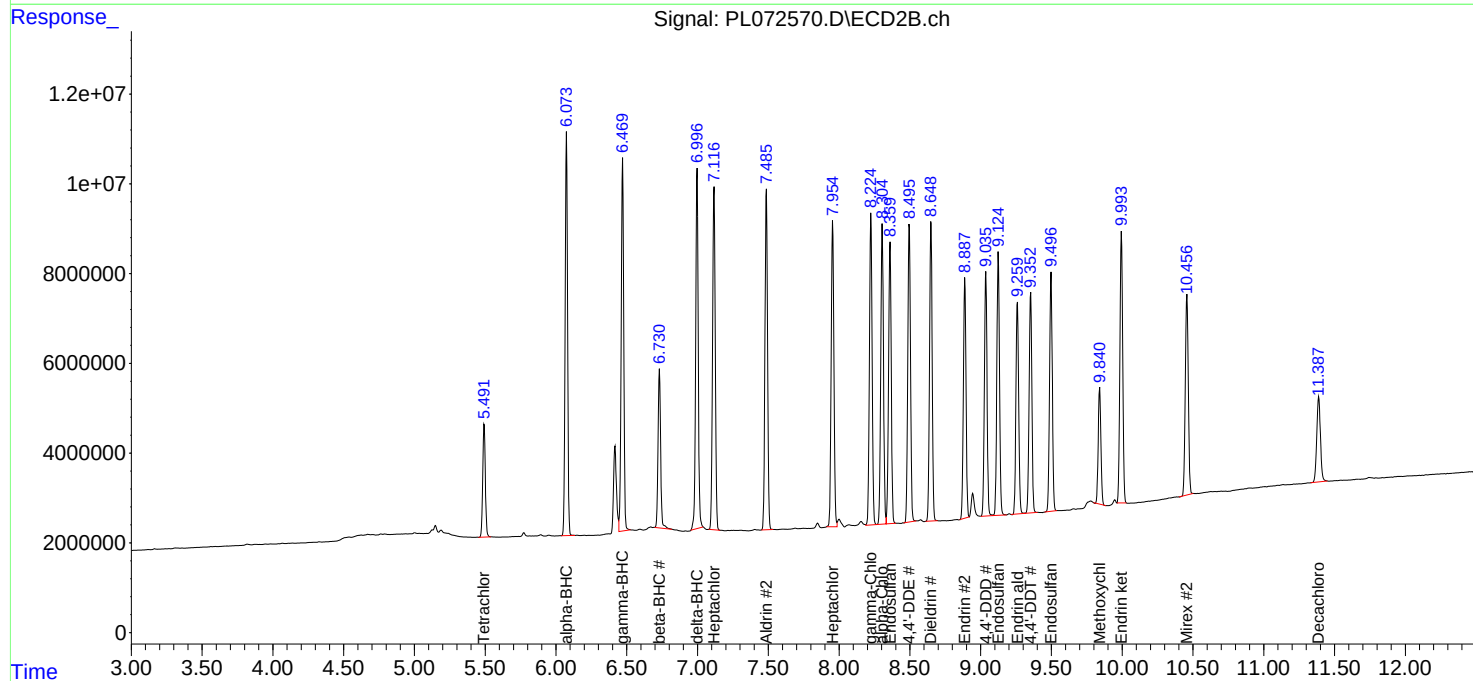
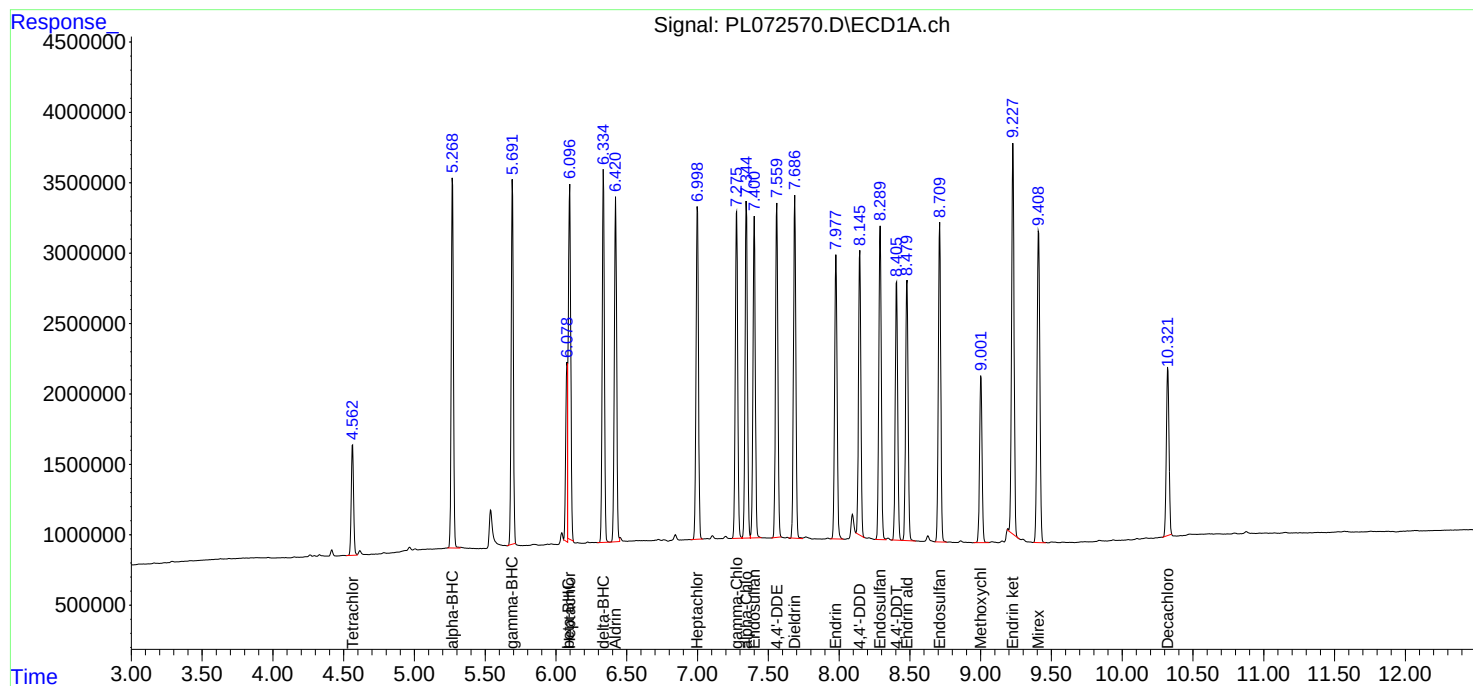
Instrument :
ECD_L
ClientSampleId :
PB142546BS

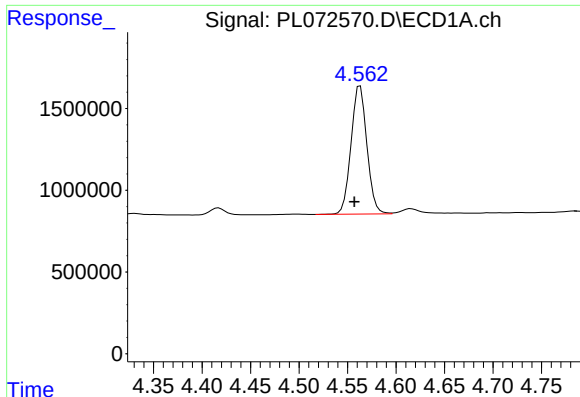
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2022
Supervised By :Ankita Jodhani 02/10/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 10 01:56:31 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





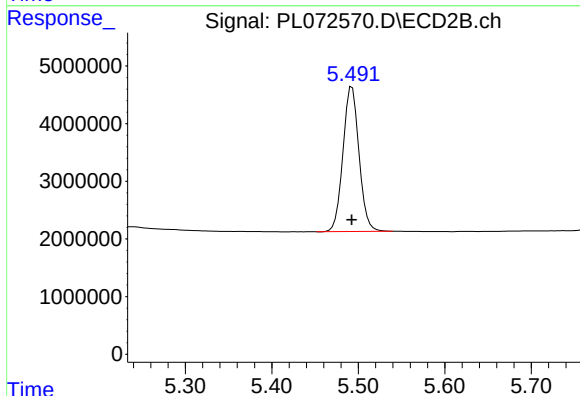
#1 Tetrachloro-m-xylene

R.T.: 4.563 min
Delta R.T.: 0.006 min
Response: 8927421
Conc: 18.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142546BS

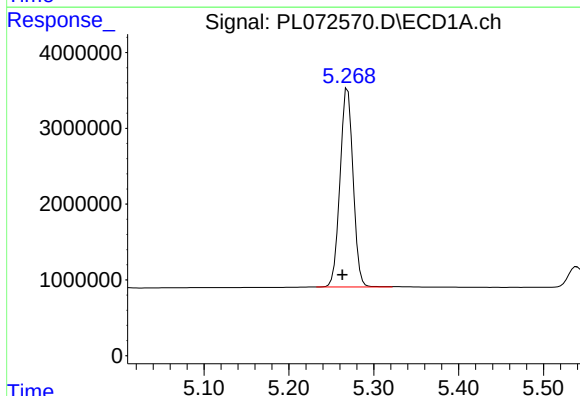
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2022
Supervised By :Ankita Jodhani 02/10/2022



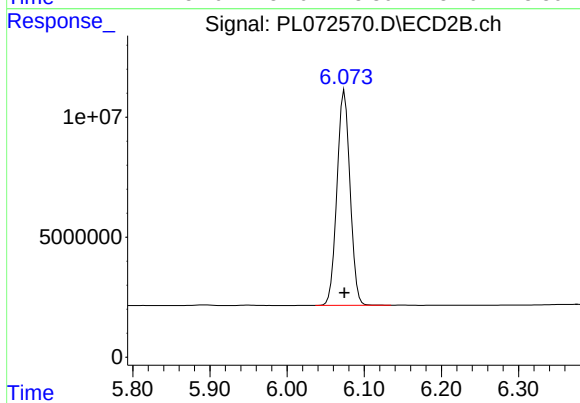
#1 Tetrachloro-m-xylene

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 32143016
Conc: 18.61 ng/ml



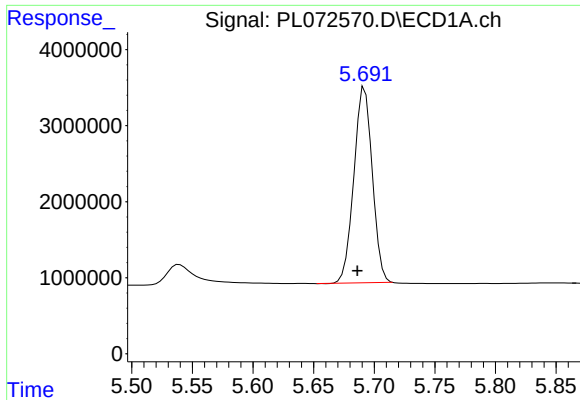
#2 alpha-BHC

R.T.: 5.269 min
Delta R.T.: 0.006 min
Response: 28043771
Conc: 42.53 ng/ml



#2 alpha-BHC

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 105650203
Conc: 44.12 ng/ml



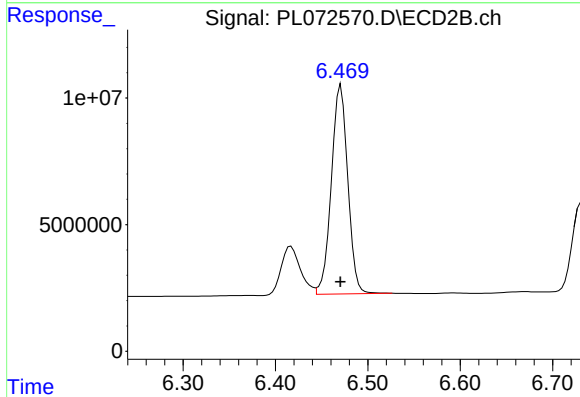
#3 gamma-BHC (Lindane)

R.T.: 5.692 min
Delta R.T.: 0.006 min
Response: 27223039
Conc: 43.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142546BS

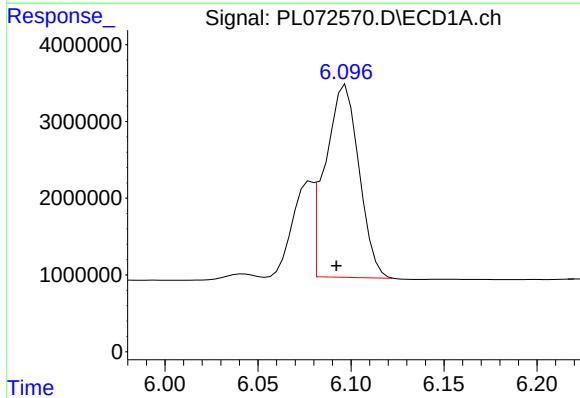
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2022
Supervised By :Ankita Jodhani 02/10/2022



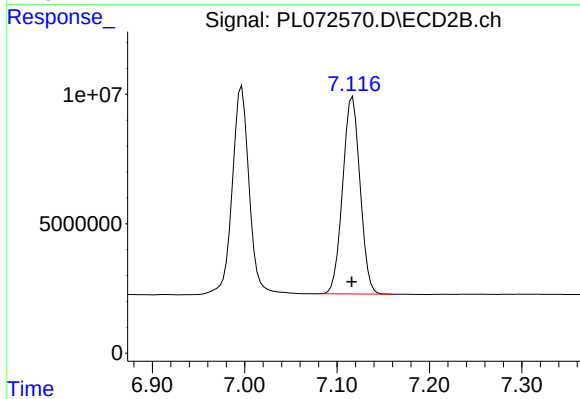
#3 gamma-BHC (Lindane)

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 102145025
Conc: 44.36 ng/ml



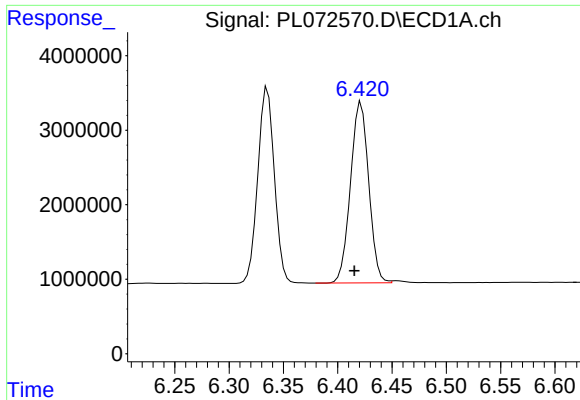
#4 Heptachlor

R.T.: 6.096 min
Delta R.T.: 0.004 min
Response: 30667970
Conc: 42.01 ng/ml m



#4 Heptachlor

R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 99651763
Conc: 43.77 ng/ml



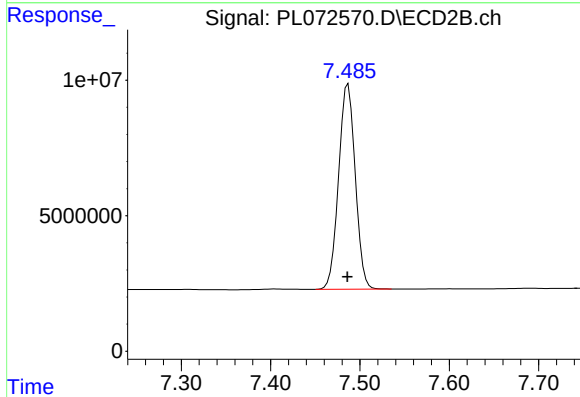
#5 Aldrin

R.T.: 6.422 min
Delta R.T.: 0.006 min
Response: 28387271
Conc: 43.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142546BS

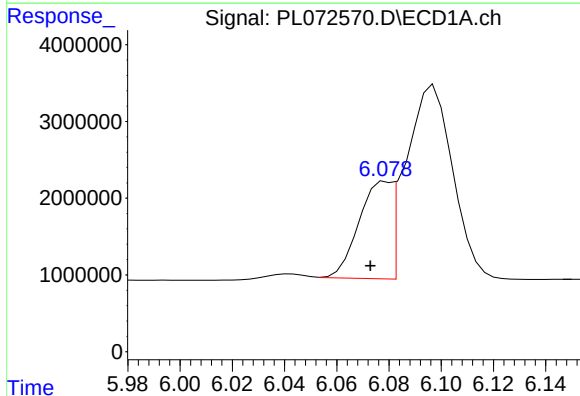
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2022
Supervised By :Ankita Jodhani 02/10/2022



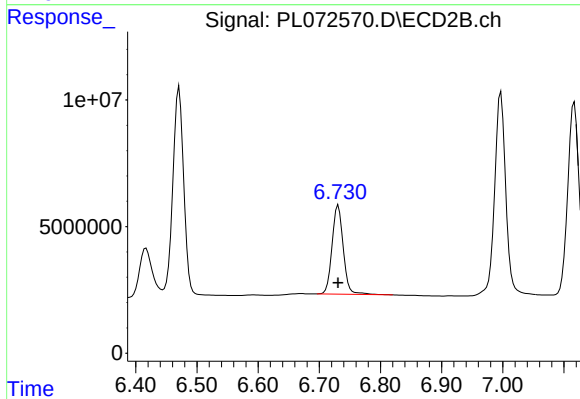
#5 Aldrin

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 97869096
Conc: 45.78 ng/ml



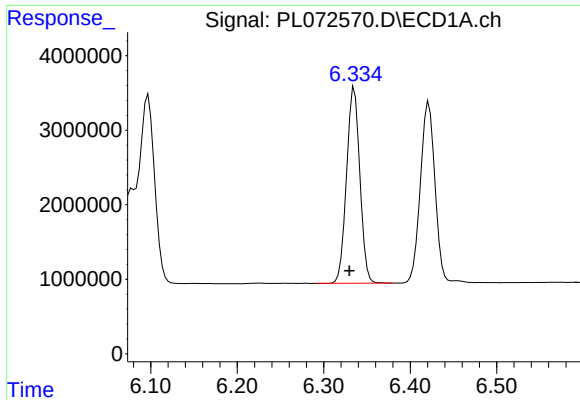
#6 beta-BHC

R.T.: 6.078 min
Delta R.T.: 0.005 min
Response: 10102013
Conc: 40.77 ng/ml m



#6 beta-BHC

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 44676017
Conc: 43.82 ng/ml



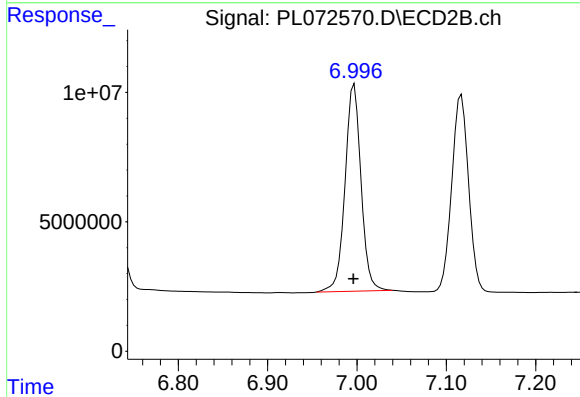
#7 delta-BHC

R.T.: 6.335 min
Delta R.T.: 0.005 min
Response: 27950787
Conc: 42.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142546BS

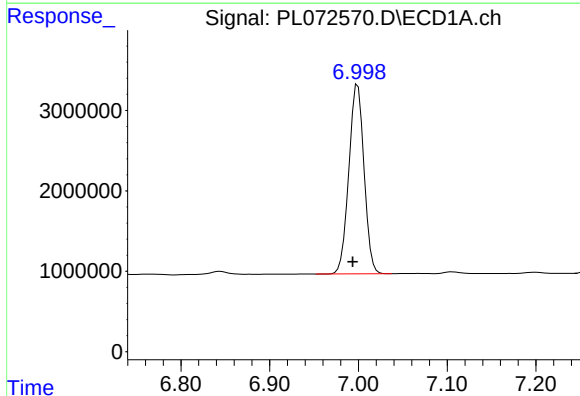
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2022
Supervised By :Ankita Jodhani 02/10/2022



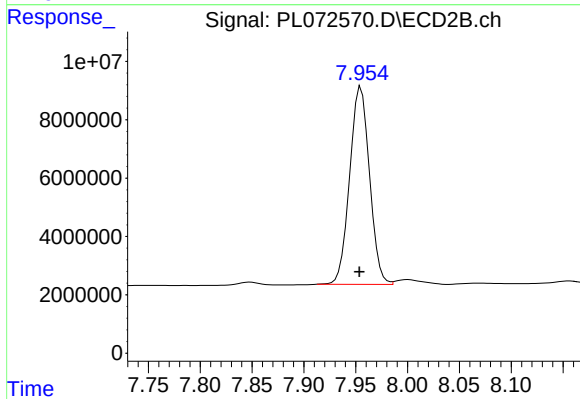
#7 delta-BHC

R.T.: 6.997 min
Delta R.T.: 0.000 min
Response: 99424322
Conc: 43.40 ng/ml



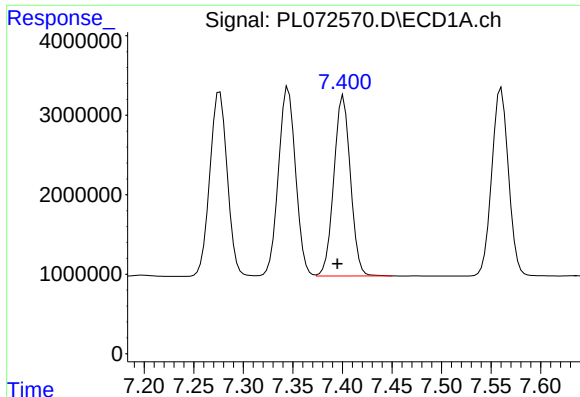
#8 Heptachlor epoxide

R.T.: 6.999 min
Delta R.T.: 0.006 min
Response: 27984692
Conc: 44.39 ng/ml



#8 Heptachlor epoxide

R.T.: 7.955 min
Delta R.T.: 0.002 min
Response: 90364226
Conc: 46.84 ng/ml



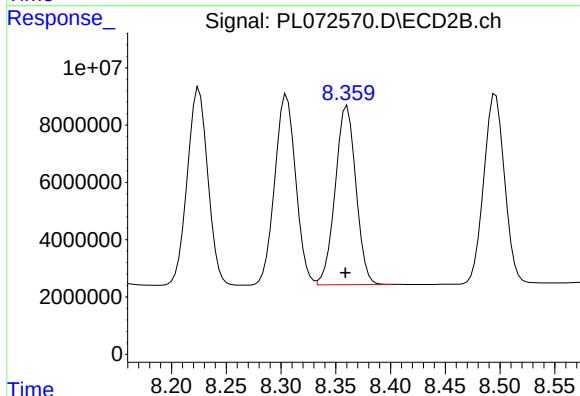
#9 Endosulfan I

R.T.: 7.401 min
Delta R.T.: 0.006 min
Response: 26416146
Conc: 45.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142546BS

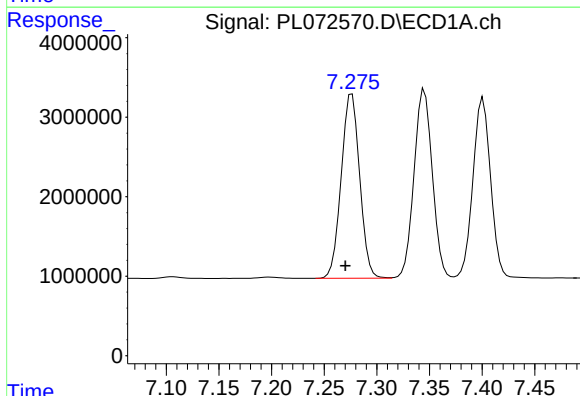
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2022
Supervised By :Ankita Jodhani 02/10/2022



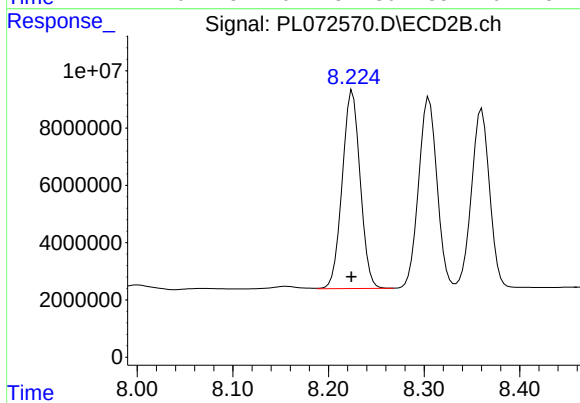
#9 Endosulfan I

R.T.: 8.360 min
Delta R.T.: 0.002 min
Response: 82258999
Conc: 47.02 ng/ml



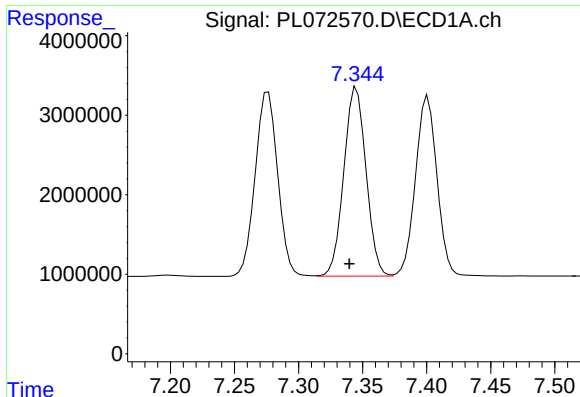
#10 gamma-Chlordane

R.T.: 7.276 min
Delta R.T.: 0.006 min
Response: 28391684
Conc: 44.82 ng/ml



#10 gamma-Chlordane

R.T.: 8.225 min
Delta R.T.: 0.001 min
Response: 90546515
Conc: 46.81 ng/ml



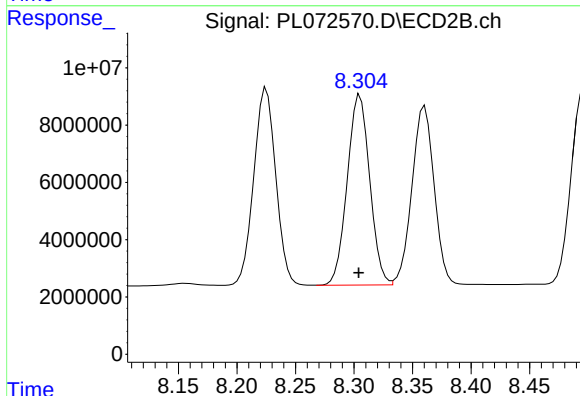
#11 alpha-Chlordane

R.T.: 7.345 min
Delta R.T.: 0.005 min
Response: 28643438
Conc: 44.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142546BS

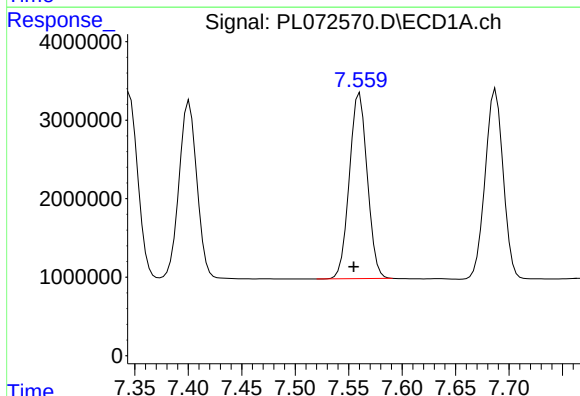
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2022
Supervised By :Ankita Jodhani 02/10/2022



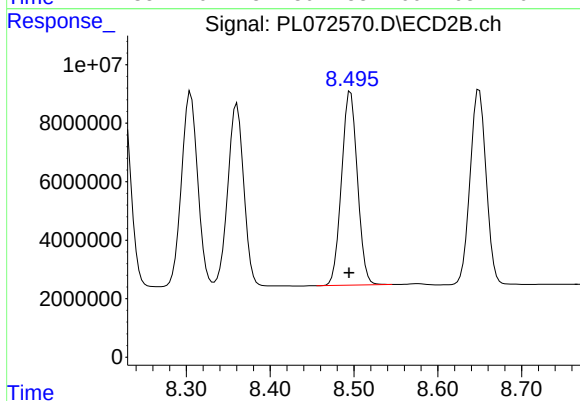
#11 alpha-Chlordane

R.T.: 8.305 min
Delta R.T.: 0.001 min
Response: 88926731
Conc: 46.80 ng/ml



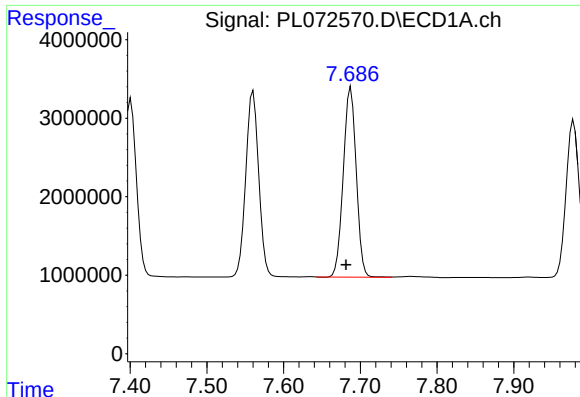
#12 4,4'-DDE

R.T.: 7.560 min
Delta R.T.: 0.005 min
Response: 27587168
Conc: 45.40 ng/ml



#12 4,4'-DDE

R.T.: 8.496 min
Delta R.T.: 0.002 min
Response: 87446185
Conc: 46.79 ng/ml



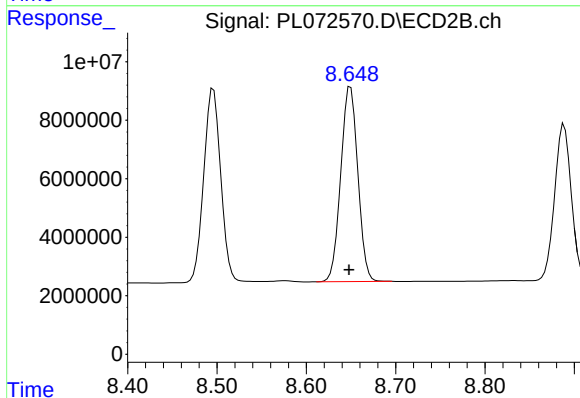
#13 Dieldrin

R.T.: 7.687 min
Delta R.T.: 0.006 min
Response: 28422048
Conc: 45.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142546BS

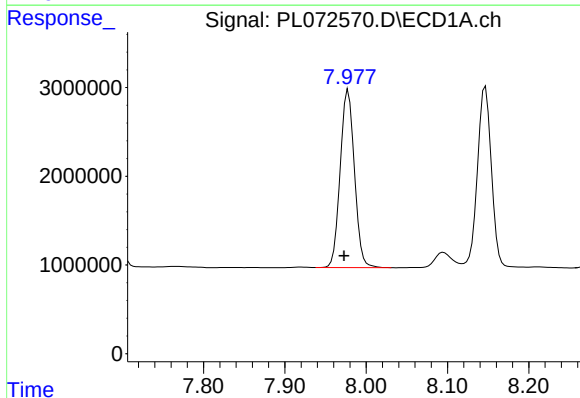
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2022
Supervised By :Ankita Jodhani 02/10/2022



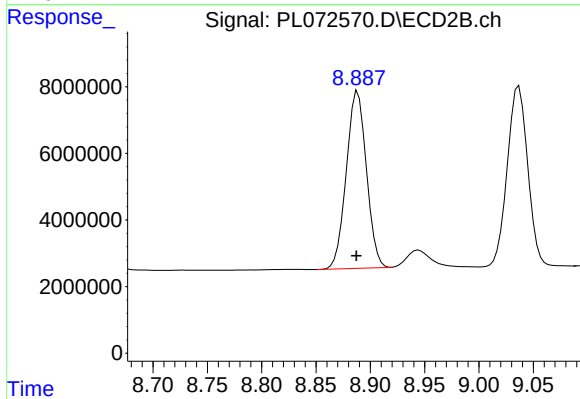
#13 Dieldrin

R.T.: 8.649 min
Delta R.T.: 0.002 min
Response: 88567080
Conc: 47.52 ng/ml



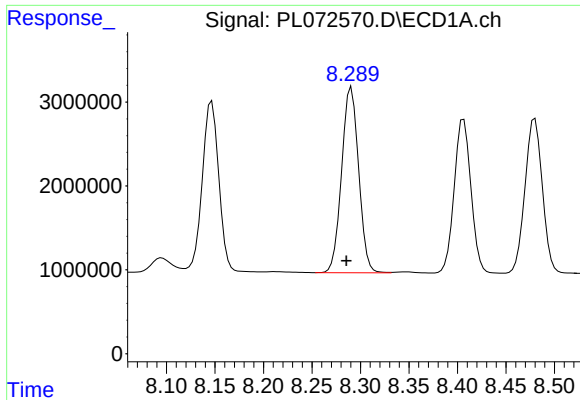
#14 Endrin

R.T.: 7.978 min
Delta R.T.: 0.005 min
Response: 24354526
Conc: 41.57 ng/ml



#14 Endrin

R.T.: 8.889 min
Delta R.T.: 0.001 min
Response: 68599362
Conc: 43.54 ng/ml



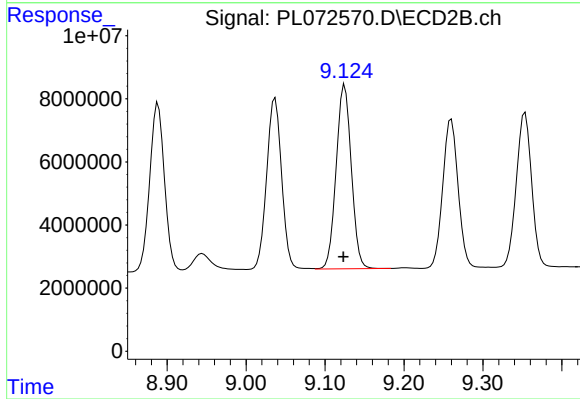
#15 Endosulfan II

R.T.: 8.291 min
Delta R.T.: 0.005 min
Response: 27022022
Conc: 44.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142546BS

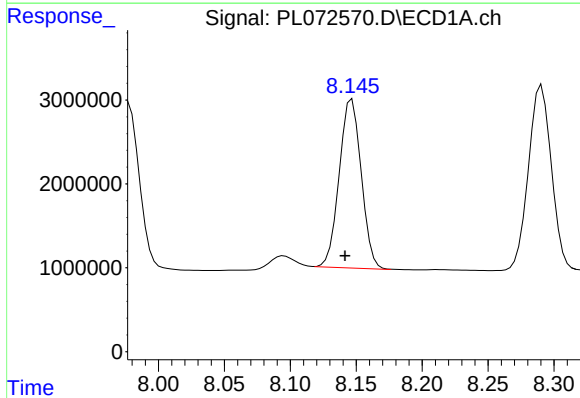
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2022
Supervised By :Ankita Jodhani 02/10/2022



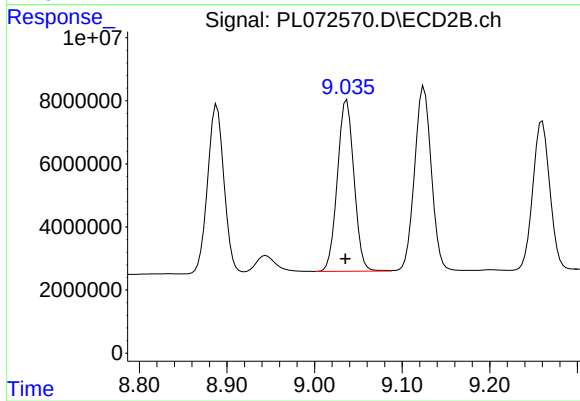
#15 Endosulfan II

R.T.: 9.125 min
Delta R.T.: 0.002 min
Response: 77756344
Conc: 46.25 ng/ml



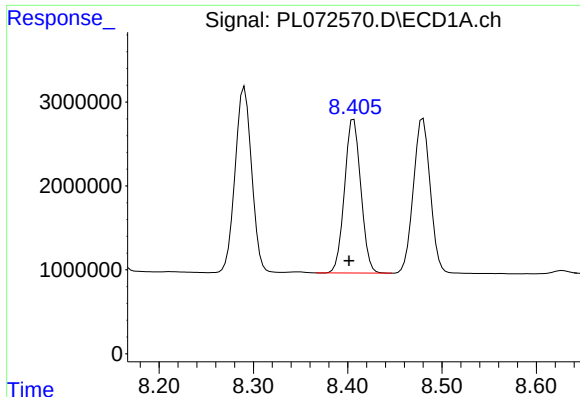
#16 4,4'-DDD

R.T.: 8.145 min
Delta R.T.: 0.004 min
Response: 23362209
Conc: 48.56 ng/ml m



#16 4,4'-DDD

R.T.: 9.037 min
Delta R.T.: 0.002 min
Response: 71493592
Conc: 51.67 ng/ml



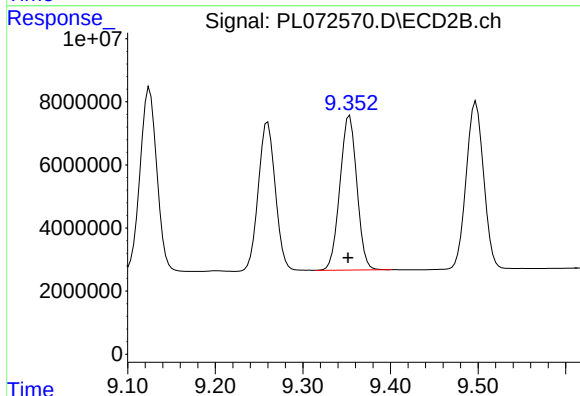
#17 4,4'-DDT

R.T.: 8.406 min
Delta R.T.: 0.005 min
Response: 22051730
Conc: 40.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142546BS

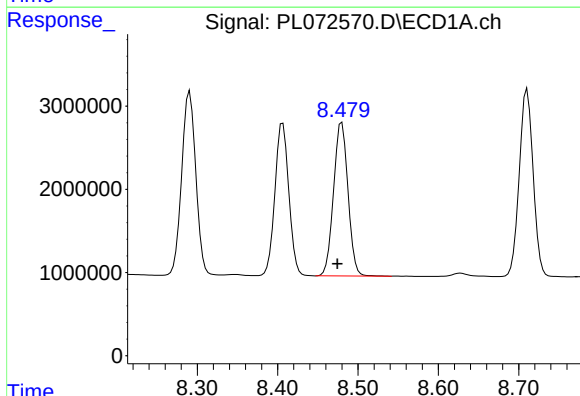
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2022
Supervised By :Ankita Jodhani 02/10/2022



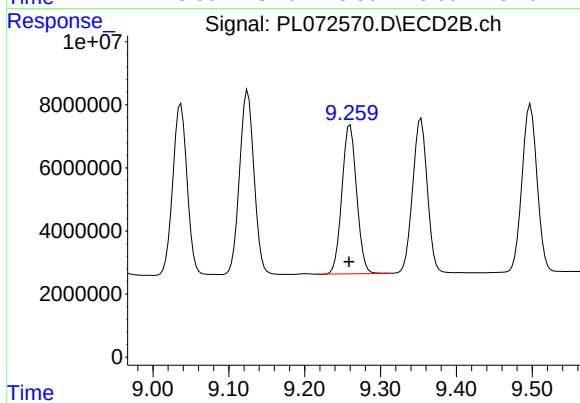
#17 4,4'-DDT

R.T.: 9.353 min
Delta R.T.: 0.002 min
Response: 65888838
Conc: 43.04 ng/ml



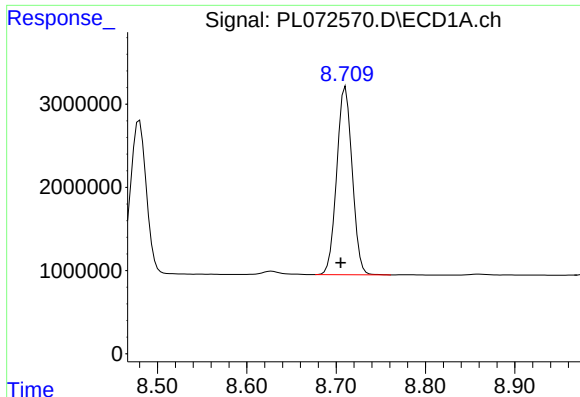
#18 Endrin aldehyde

R.T.: 8.480 min
Delta R.T.: 0.006 min
Response: 23063842
Conc: 52.91 ng/ml



#18 Endrin aldehyde

R.T.: 9.260 min
Delta R.T.: 0.002 min
Response: 63558208
Conc: 56.47 ng/ml



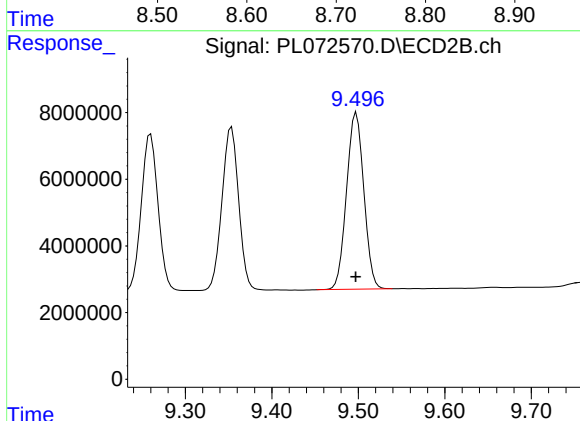
#19 Endosulfan Sulfate

R.T.: 8.711 min
Delta R.T.: 0.006 min
Response: 27133237
Conc: 45.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142546BS

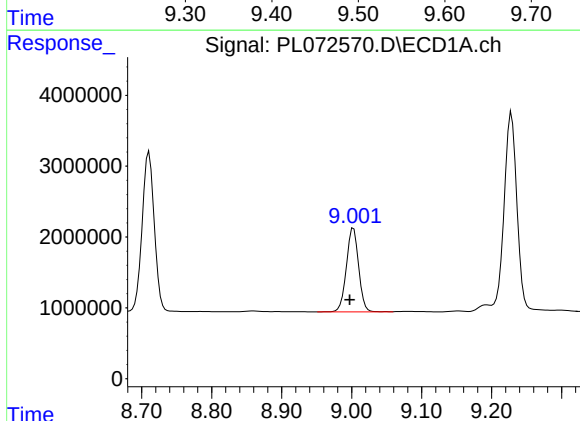
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2022
Supervised By :Ankita Jodhani 02/10/2022



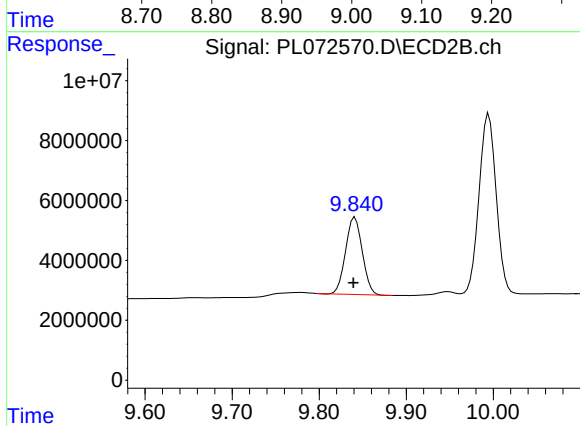
#19 Endosulfan Sulfate

R.T.: 9.498 min
Delta R.T.: 0.000 min
Response: 73352103
Conc: 49.03 ng/ml



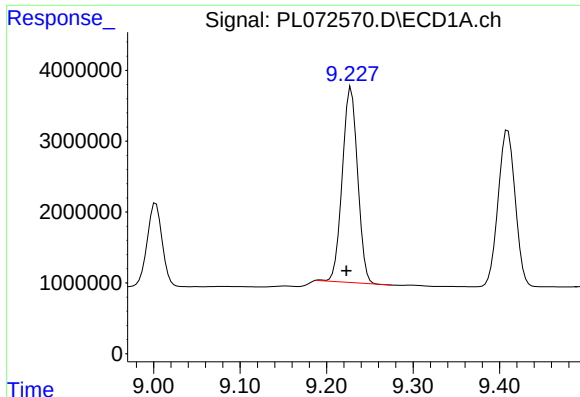
#20 Methoxychlor

R.T.: 9.003 min
Delta R.T.: 0.005 min
Response: 14340010
Conc: 40.78 ng/ml



#20 Methoxychlor

R.T.: 9.841 min
Delta R.T.: 0.002 min
Response: 34432355
Conc: 42.53 ng/ml



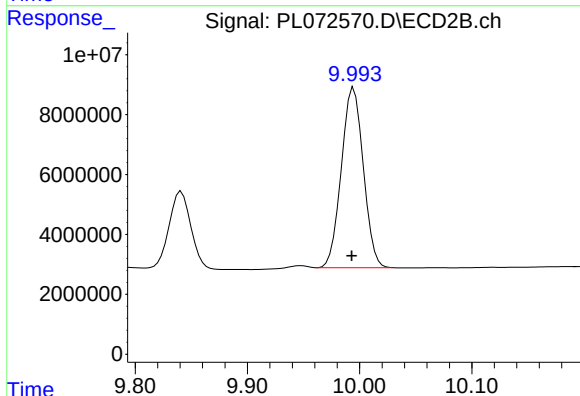
#21 Endrin ketone

R.T.: 9.228 min
Delta R.T.: 0.005 min
Response: 33616448
Conc: 48.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142546BS

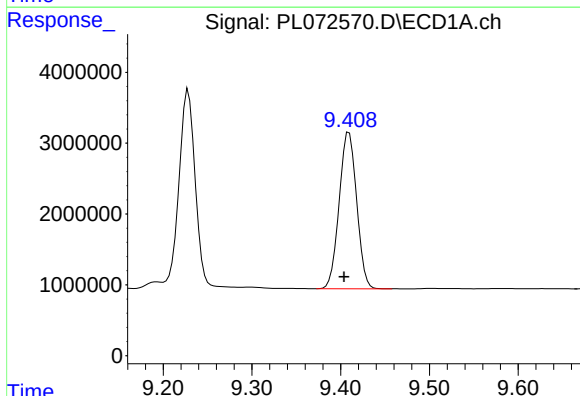
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2022
Supervised By :Ankita Jodhani 02/10/2022



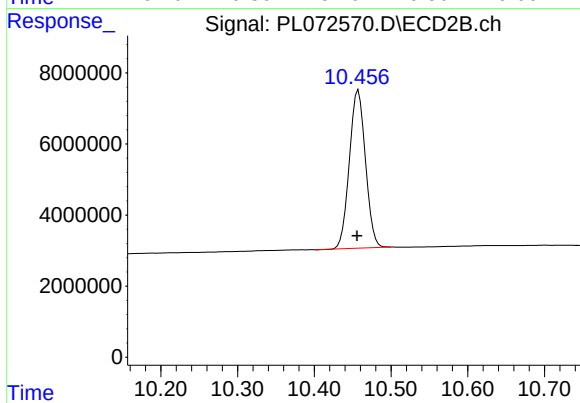
#21 Endrin ketone

R.T.: 9.995 min
Delta R.T.: 0.002 min
Response: 81803673
Conc: 51.34 ng/ml



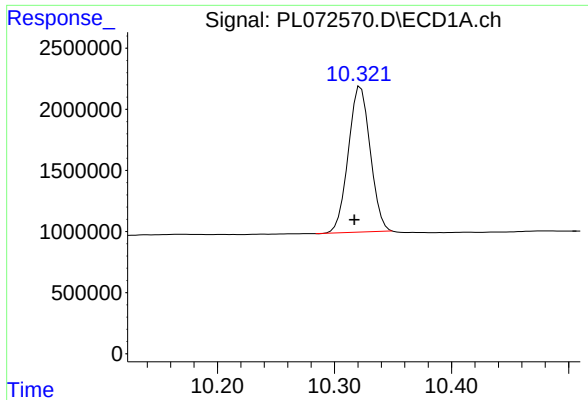
#22 Mirex

R.T.: 9.409 min
Delta R.T.: 0.006 min
Response: 30293490
Conc: 51.06 ng/ml



#22 Mirex

R.T.: 10.457 min
Delta R.T.: 0.002 min
Response: 65311749
Conc: 55.64 ng/ml



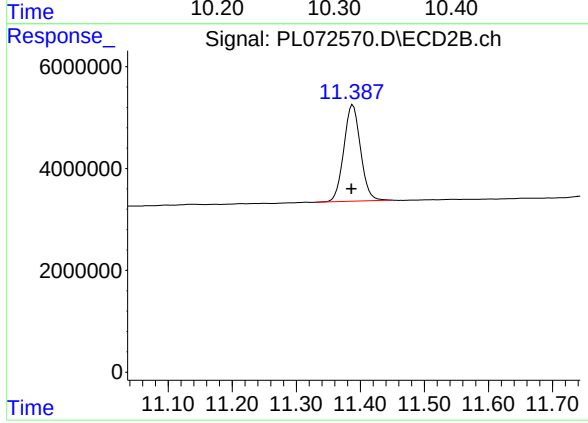
#28 Decachlorobiphenyl

R.T.: 10.322 min
Delta R.T.: 0.005 min
Response: 15542335
Conc: 20.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142546BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2022
Supervised By :Ankita Jodhani 02/10/2022



#28 Decachlorobiphenyl

R.T.: 11.388 min
Delta R.T.: 0.002 min
Response: 34359645
Conc: 21.67 ng/ml