

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122821\
 Data File : PL071701.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Dec 2021 14:06
 Operator : AR\AJ
 Sample : PB141729BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB141729BS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/29/2021
 Supervised By :mohammad ahmed 12/29/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 00:23:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122721.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 27 14:06:28 2021
 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...	4.559	5.496	12748024	32440934	19.649	19.011
2) SA Decachlor...	10.321	11.388	17877067	28038555	24.013	22.372
Target Compounds						
2) A alpha-BHC	5.265	6.077	44495850	117.1E6	48.945	47.973
3) MA gamma-BHC...	5.688	6.473	43135686	108.1E6	49.210	47.703
4) MA Heptachlor	6.095	7.119	41917450	98591485	43.602	42.668
5) MB Aldrin	6.418	7.488	42343299	101.0E6	47.422	45.856m
6) B beta-BHC	6.072	6.731	19084958	46981322	50.221	45.636
7) B delta-BHC	6.330	6.996	41978801	102.9E6	48.770	48.789m
8) B Heptachlo...	6.996	7.957	41029531	92988464	48.598	47.271
9) A Endosulfan I	7.398	8.361	38424457	83073357	50.223	48.782
10) B gamma-Chl...	7.273	8.226	41623889	91110112	48.594	46.707
11) B alpha-Chl...	7.342	8.307	41391466	88163837	48.734	47.303
12) B 4,4'-DDE	7.557	8.497	37637443	84613481	50.507	47.808
13) MA Dieldrin	7.684	8.651	39528666	85012621	47.991	45.816
14) MA Endrin	7.975	8.890	33438594	65099720	44.945	43.197
15) B Endosulfa...	8.287	9.125	36907674	72095070	51.297	48.490
16) A 4,4'-DDD	8.143	9.037	31747069	63152784	53.508	48.631
17) MA 4,4'-DDT	8.403	9.353	31054058	63256067	48.169	46.331
18) B Endrin al...	8.476	9.260	29871917	57166830	51.497	49.442
19) B Endosulfa...	8.707	9.498	34701713	64742424	46.981	46.013
20) A Methoxychlor	8.999	9.841	17568188	29472629	47.146	45.341
21) B Endrin ke...	9.225	9.995	43150416	72010411	54.861	53.020
22) Mirex	9.407	10.458	35211729	53618931	48.719	49.344

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122821\
 Data File : PL071701.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Dec 2021 14:06
 Operator : AR\AJ
 Sample : PB141729BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB141729BS

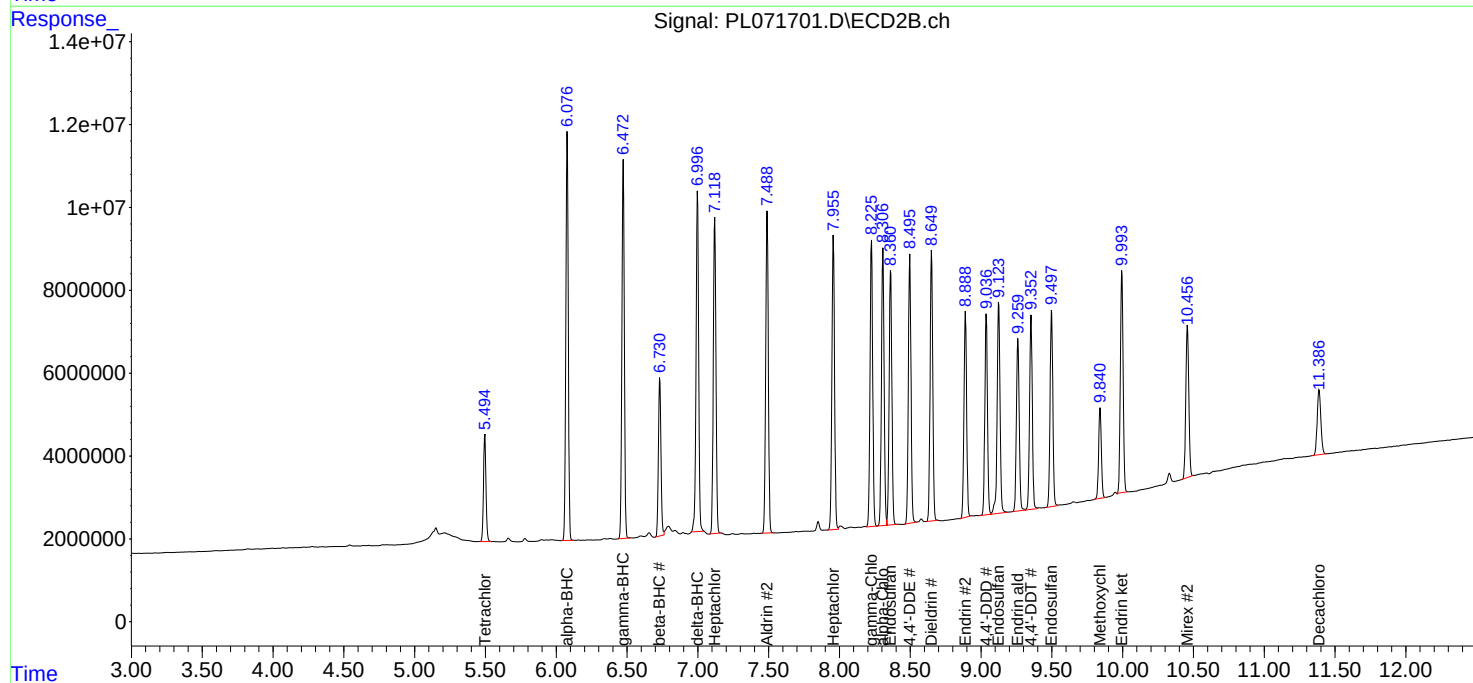
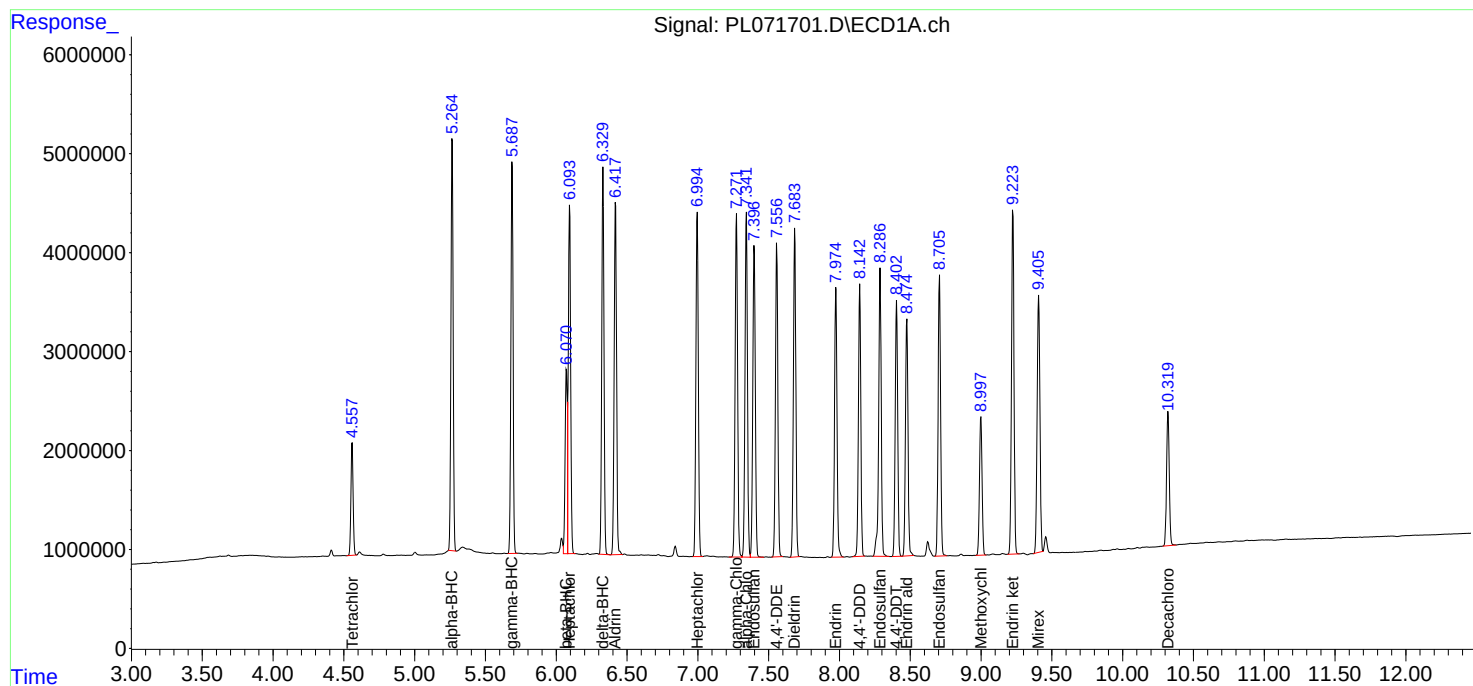
Manual Integrations

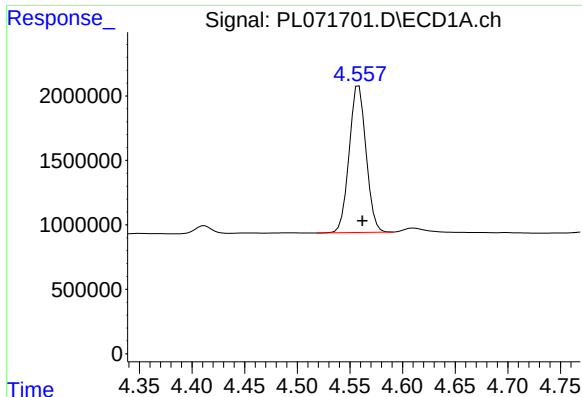
APPROVED

Reviewed By :Ankita Jodhani 12/29/2021
 Supervised By :mohammad ahmed 12/29/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 00:23:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122721.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 27 14:06:28 2021
 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





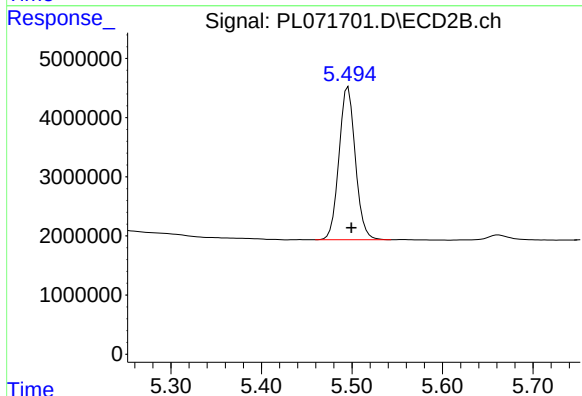
#1 Tetrachloro-m-xylene

R.T.: 4.559 min
Delta R.T.: -0.003 min
Response: 12748024
Conc: 19.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141729BS

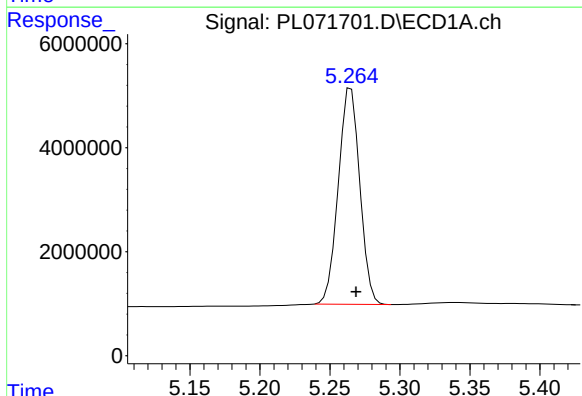
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 12/29/2021
Supervised By :mohammad ahmed 12/29/2021



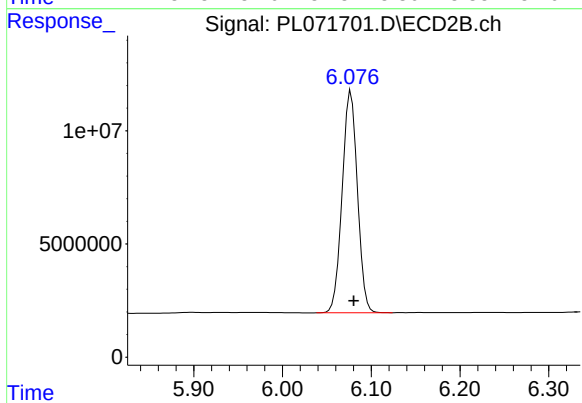
#1 Tetrachloro-m-xylene

R.T.: 5.496 min
Delta R.T.: -0.004 min
Response: 32440934
Conc: 19.01 ng/ml



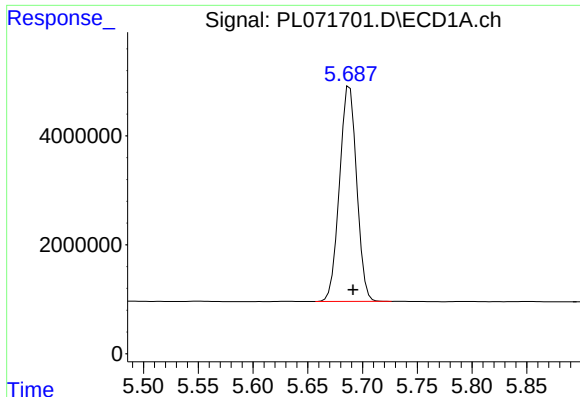
#2 alpha-BHC

R.T.: 5.265 min
Delta R.T.: -0.004 min
Response: 44495850
Conc: 48.94 ng/ml



#2 alpha-BHC

R.T.: 6.077 min
Delta R.T.: -0.003 min
Response: 117116498
Conc: 47.97 ng/ml



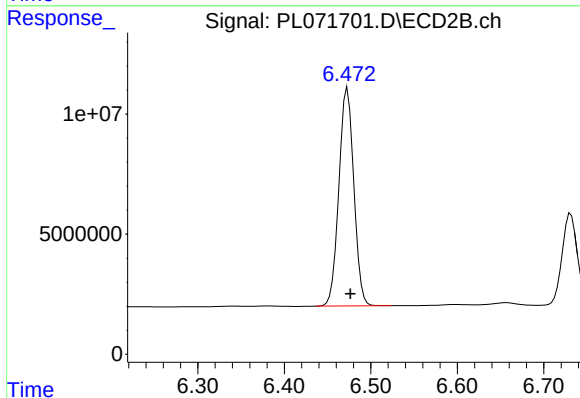
#3 gamma-BHC (Lindane)

R.T.: 5.688 min
Delta R.T.: -0.003 min
Response: 43135686
Conc: 49.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141729BS

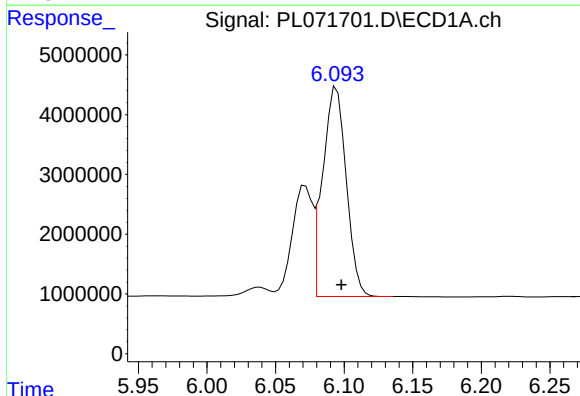
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 12/29/2021
Supervised By :mohammad ahmed 12/29/2021



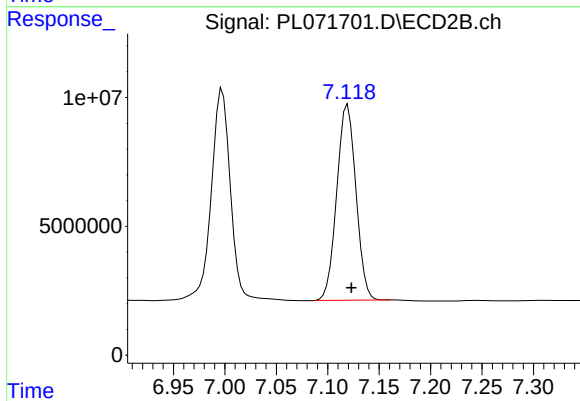
#3 gamma-BHC (Lindane)

R.T.: 6.473 min
Delta R.T.: -0.004 min
Response: 108141105
Conc: 47.70 ng/ml



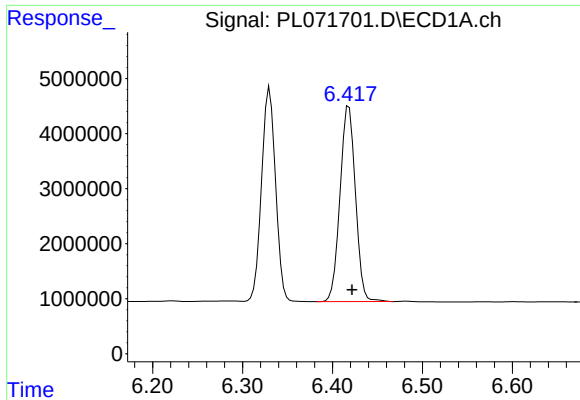
#4 Heptachlor

R.T.: 6.095 min
Delta R.T.: -0.004 min
Response: 41917450
Conc: 43.60 ng/ml



#4 Heptachlor

R.T.: 7.119 min
Delta R.T.: -0.003 min
Response: 98591485
Conc: 42.67 ng/ml



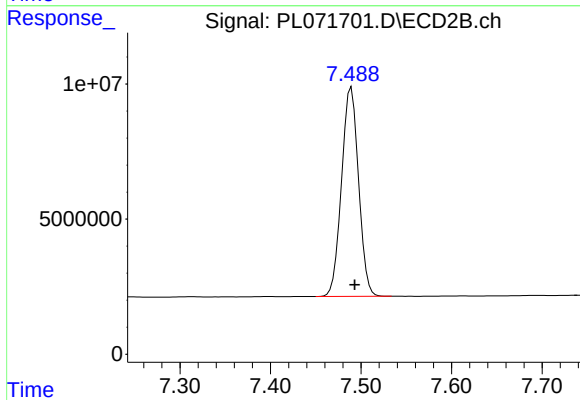
#5 Aldrin

R.T.: 6.418 min
Delta R.T.: -0.003 min
Response: 42343299
Conc: 47.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141729BS

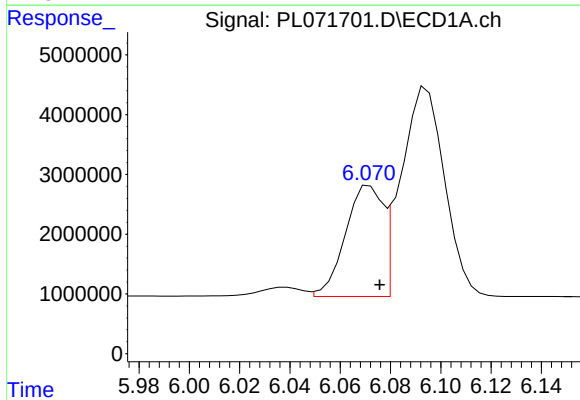
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 12/29/2021
Supervised By :mohammad ahmed 12/29/2021



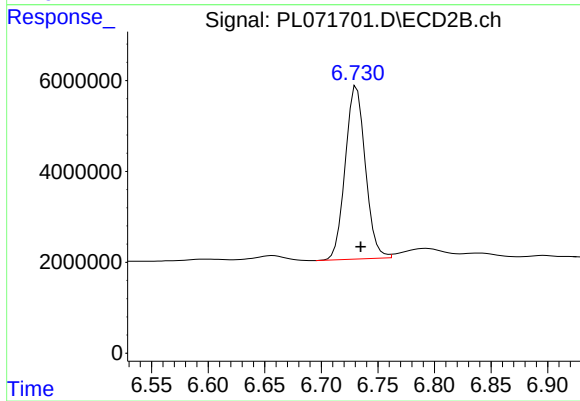
#5 Aldrin

R.T.: 7.488 min
Delta R.T.: -0.005 min
Response: 101035053
Conc: 45.86 ng/ml m



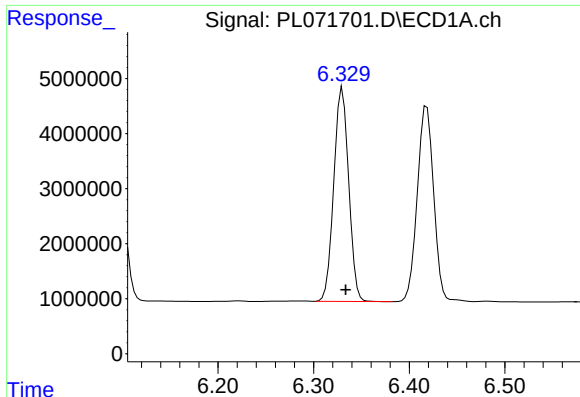
#6 beta-BHC

R.T.: 6.072 min
Delta R.T.: -0.004 min
Response: 19084958
Conc: 50.22 ng/ml



#6 beta-BHC

R.T.: 6.731 min
Delta R.T.: -0.003 min
Response: 46981322
Conc: 45.64 ng/ml



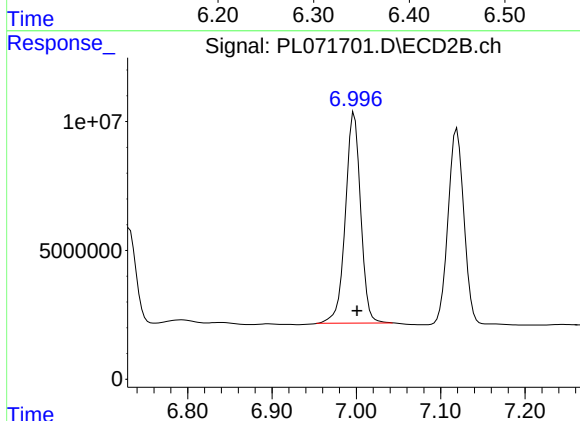
#7 delta-BHC

R.T.: 6.330 min
Delta R.T.: -0.004 min
Response: 41978801
Conc: 48.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141729BS

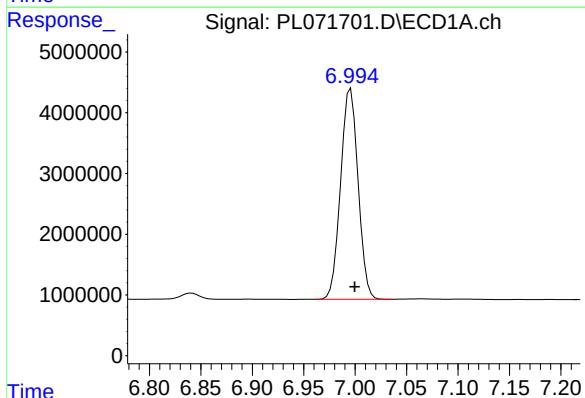
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 12/29/2021
Supervised By :mohammad ahmed 12/29/2021



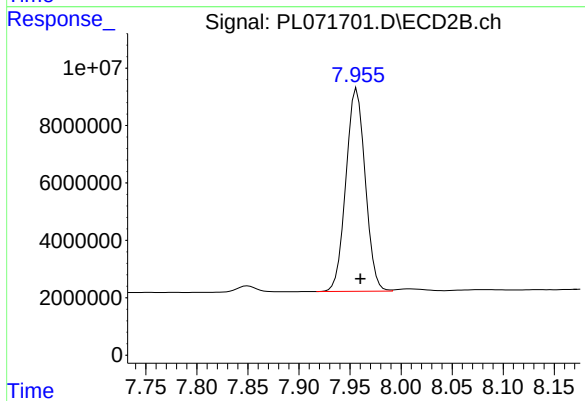
#7 delta-BHC

R.T.: 6.996 min
Delta R.T.: -0.005 min
Response: 102882654
Conc: 48.79 ng/ml m



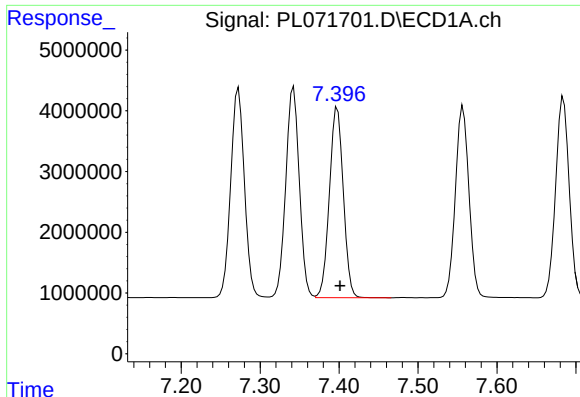
#8 Heptachlor epoxide

R.T.: 6.996 min
Delta R.T.: -0.004 min
Response: 41029531
Conc: 48.60 ng/ml



#8 Heptachlor epoxide

R.T.: 7.957 min
Delta R.T.: -0.003 min
Response: 92988464
Conc: 47.27 ng/ml



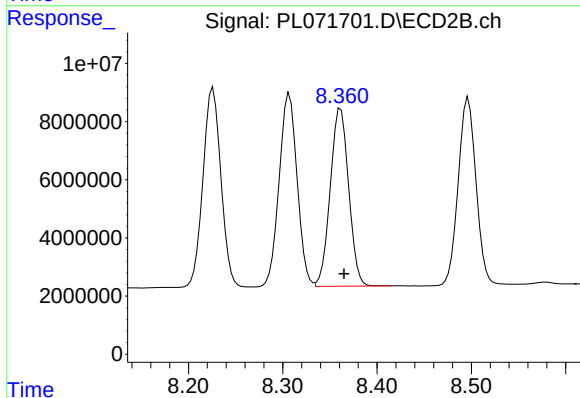
#9 Endosulfan I

R.T.: 7.398 min
Delta R.T.: -0.003 min
Response: 38424457
Conc: 50.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141729BS

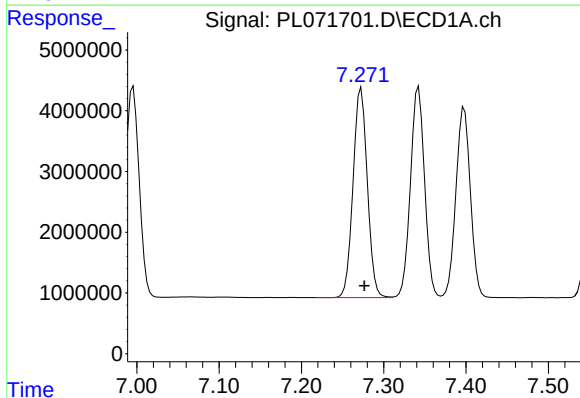
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 12/29/2021
Supervised By :mohammad ahmed 12/29/2021



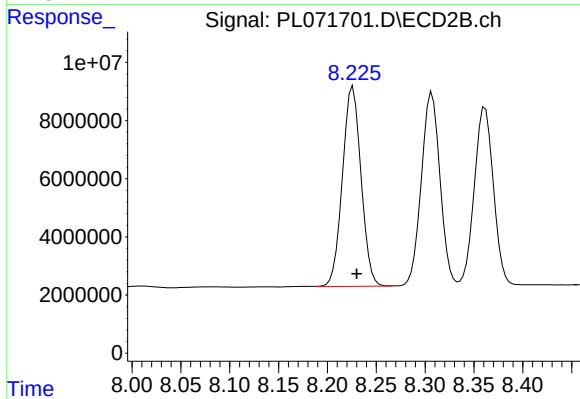
#9 Endosulfan I

R.T.: 8.361 min
Delta R.T.: -0.004 min
Response: 83073357
Conc: 48.78 ng/ml



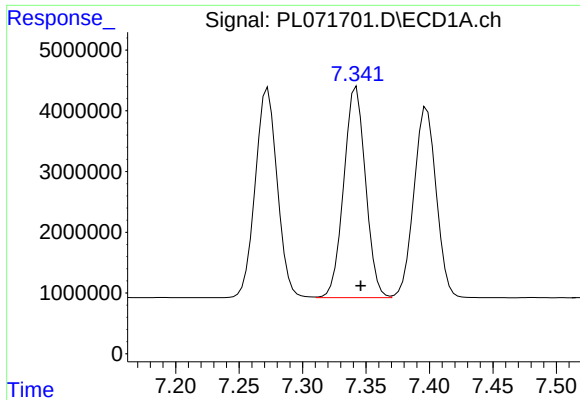
#10 gamma-Chlordane

R.T.: 7.273 min
Delta R.T.: -0.004 min
Response: 41623889
Conc: 48.59 ng/ml



#10 gamma-Chlordane

R.T.: 8.226 min
Delta R.T.: -0.004 min
Response: 91110112
Conc: 46.71 ng/ml



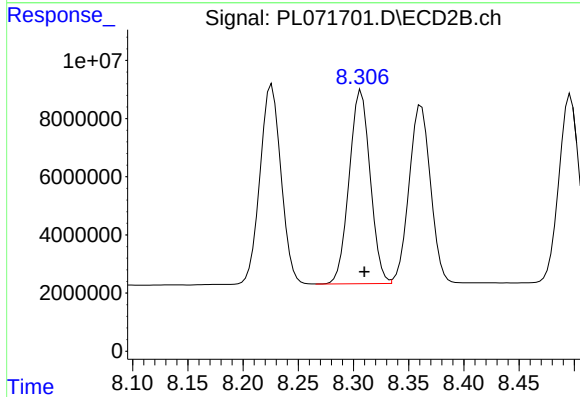
#11 alpha-Chlordane

R.T.: 7.342 min
Delta R.T.: -0.003 min
Response: 41391466
Conc: 48.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141729BS

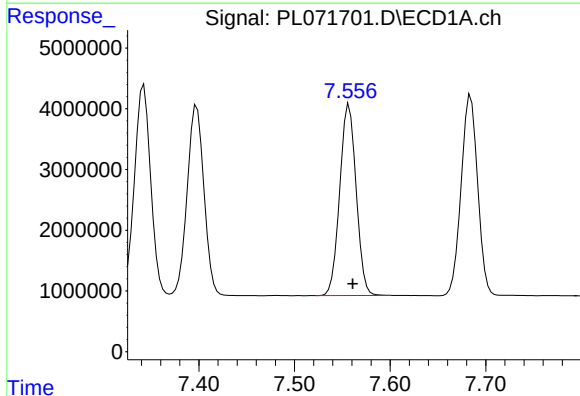
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 12/29/2021
Supervised By :mohammad ahmed 12/29/2021



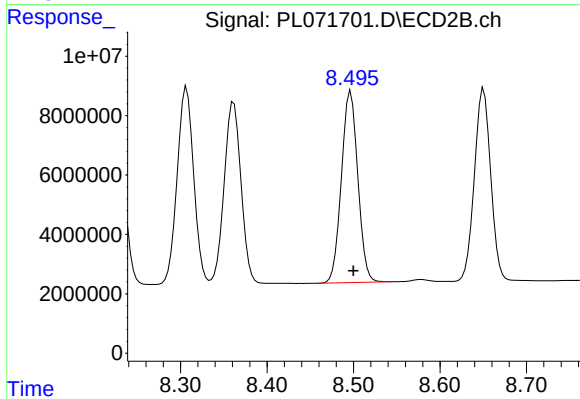
#11 alpha-Chlordane

R.T.: 8.307 min
Delta R.T.: -0.003 min
Response: 88163837
Conc: 47.30 ng/ml



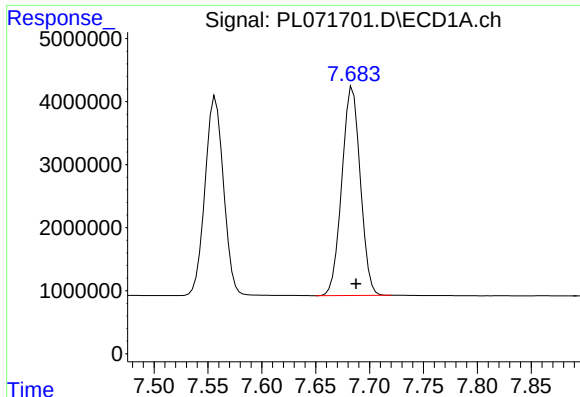
#12 4,4'-DDE

R.T.: 7.557 min
Delta R.T.: -0.004 min
Response: 37637443
Conc: 50.51 ng/ml



#12 4,4'-DDE

R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 84613481
Conc: 47.81 ng/ml



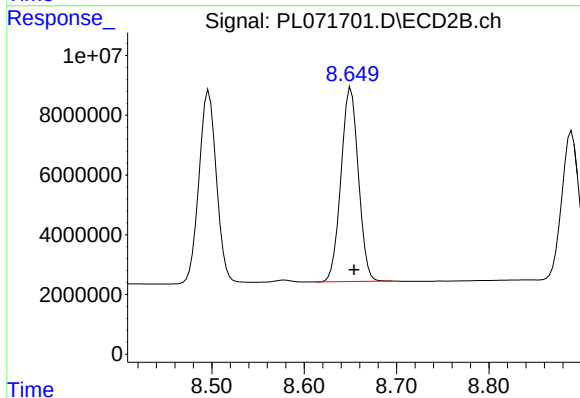
#13 Dieldrin

R.T.: 7.684 min
Delta R.T.: -0.003 min
Response: 39528666
Conc: 47.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141729BS

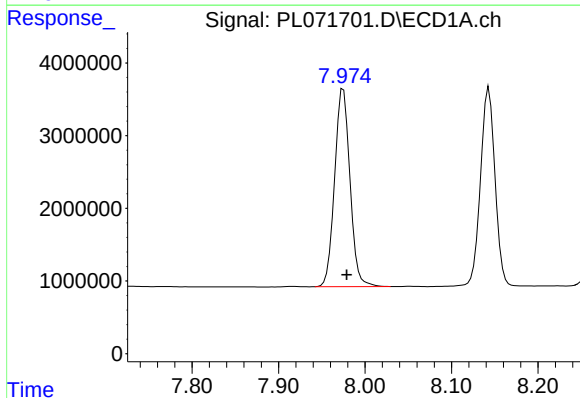
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 12/29/2021
Supervised By :mohammad ahmed 12/29/2021



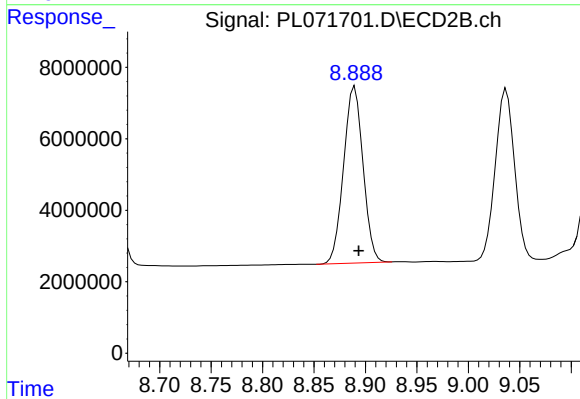
#13 Dieldrin

R.T.: 8.651 min
Delta R.T.: -0.003 min
Response: 85012621
Conc: 45.82 ng/ml



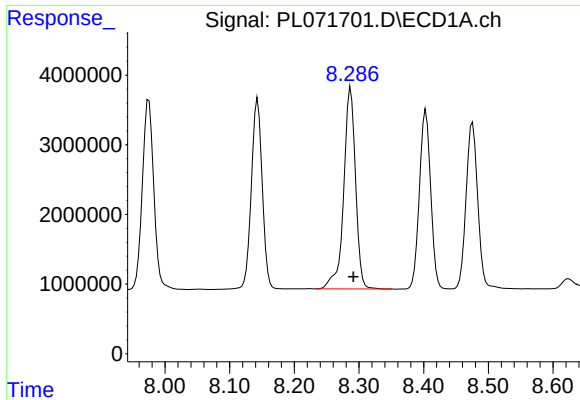
#14 Endrin

R.T.: 7.975 min
Delta R.T.: -0.004 min
Response: 33438594
Conc: 44.95 ng/ml



#14 Endrin

R.T.: 8.890 min
Delta R.T.: -0.004 min
Response: 65099720
Conc: 43.20 ng/ml



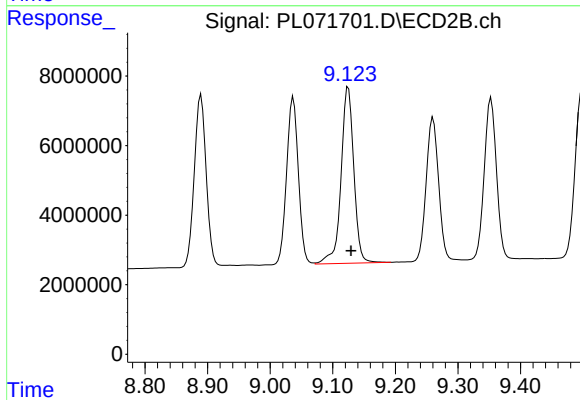
#15 Endosulfan II

R.T.: 8.287 min
Delta R.T.: -0.004 min
Response: 36907674
Conc: 51.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141729BS

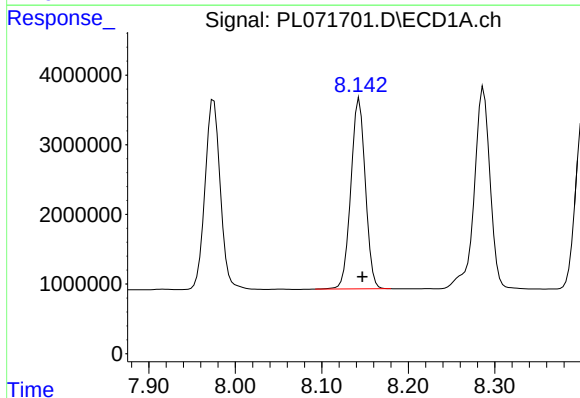
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 12/29/2021
Supervised By :mohammad ahmed 12/29/2021



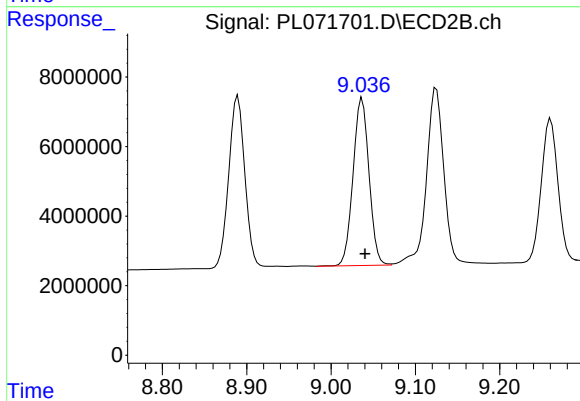
#15 Endosulfan II

R.T.: 9.125 min
Delta R.T.: -0.004 min
Response: 72095070
Conc: 48.49 ng/ml



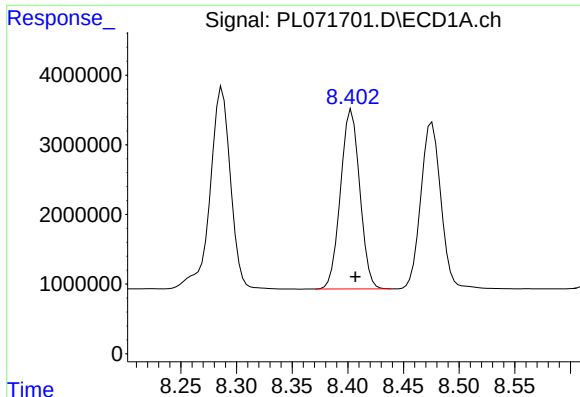
#16 4,4'-DDD

R.T.: 8.143 min
Delta R.T.: -0.004 min
Response: 31747069
Conc: 53.51 ng/ml



#16 4,4'-DDD

R.T.: 9.037 min
Delta R.T.: -0.004 min
Response: 63152784
Conc: 48.63 ng/ml



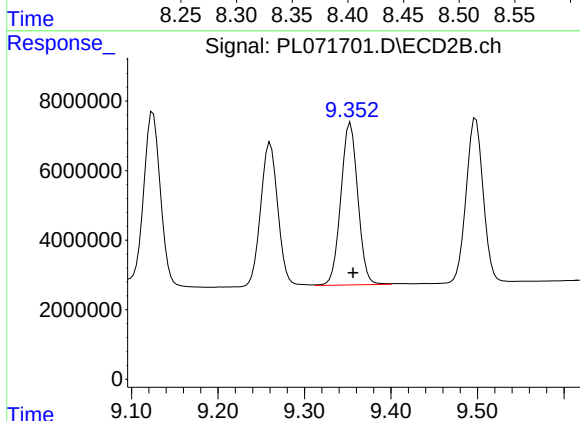
#17 4,4'-DDT

R.T.: 8.403 min
Delta R.T.: -0.003 min
Response: 31054058
Conc: 48.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141729BS

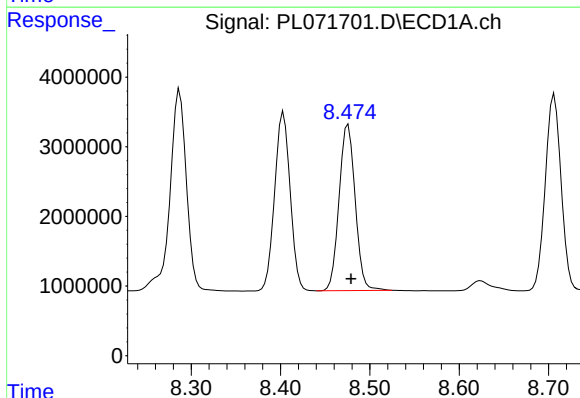
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 12/29/2021
Supervised By :mohammad ahmed 12/29/2021



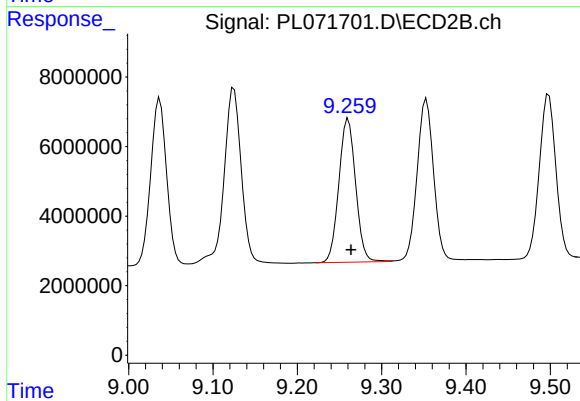
#17 4,4'-DDT

R.T.: 9.353 min
Delta R.T.: -0.003 min
Response: 63256067
Conc: 46.33 ng/ml



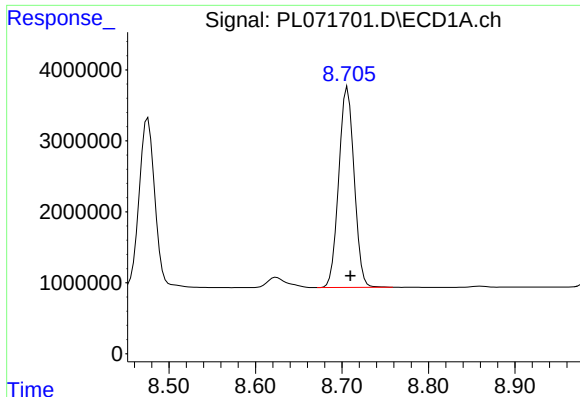
#18 Endrin aldehyde

R.T.: 8.476 min
Delta R.T.: -0.003 min
Response: 29871917
Conc: 51.50 ng/ml



#18 Endrin aldehyde

R.T.: 9.260 min
Delta R.T.: -0.003 min
Response: 57166830
Conc: 49.44 ng/ml



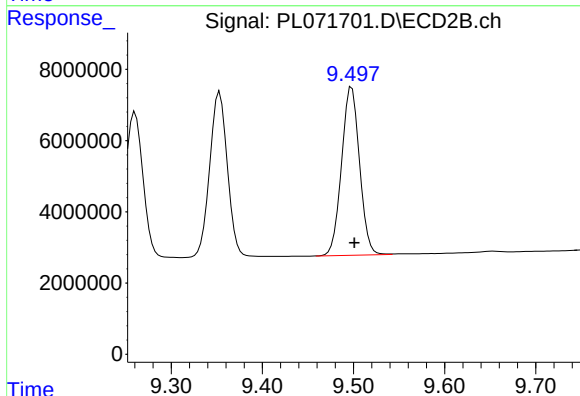
#19 Endosulfan Sulfate

R.T.: 8.707 min
Delta R.T.: -0.003 min
Response: 34701713
Conc: 46.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141729BS

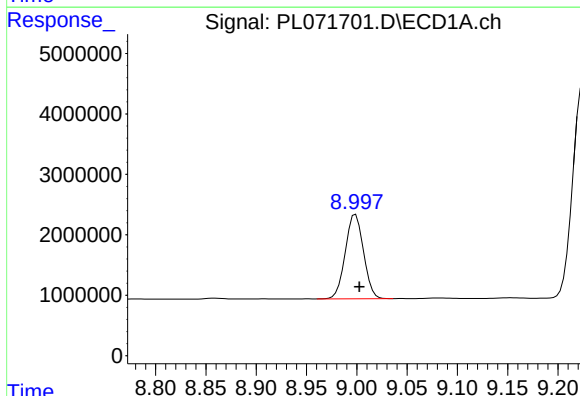
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 12/29/2021
Supervised By :mohammad ahmed 12/29/2021



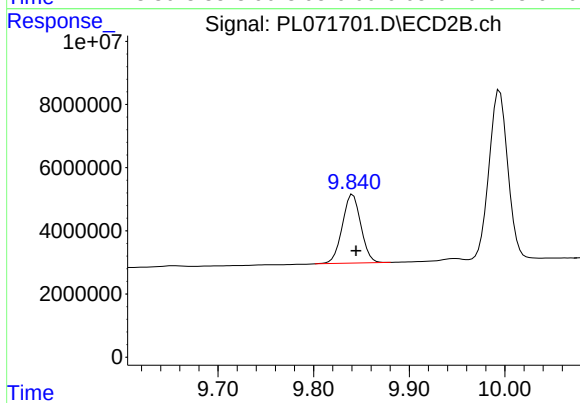
#19 Endosulfan Sulfate

R.T.: 9.498 min
Delta R.T.: -0.003 min
Response: 64742424
Conc: 46.01 ng/ml



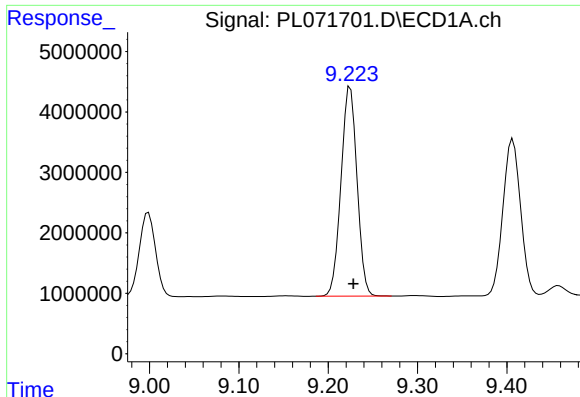
#20 Methoxychlor

R.T.: 8.999 min
Delta R.T.: -0.004 min
Response: 17568188
Conc: 47.15 ng/ml



#20 Methoxychlor

R.T.: 9.841 min
Delta R.T.: -0.003 min
Response: 29472629
Conc: 45.34 ng/ml



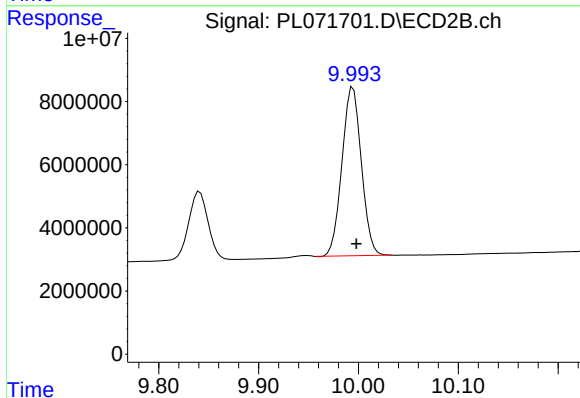
#21 Endrin ketone

R.T.: 9.225 min
Delta R.T.: -0.004 min
Response: 43150416
Conc: 54.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141729BS

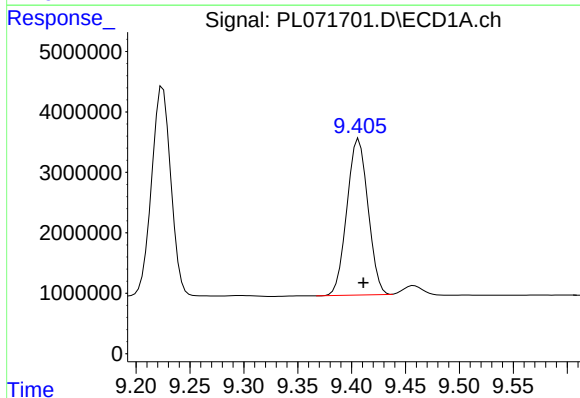
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 12/29/2021
Supervised By :mohammad ahmed 12/29/2021



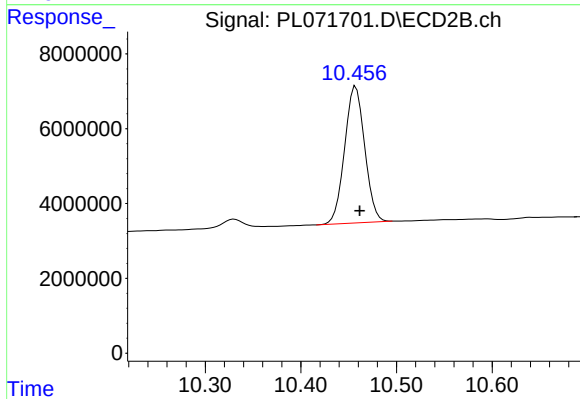
#21 Endrin ketone

R.T.: 9.995 min
Delta R.T.: -0.003 min
Response: 72010411
Conc: 53.02 ng/ml



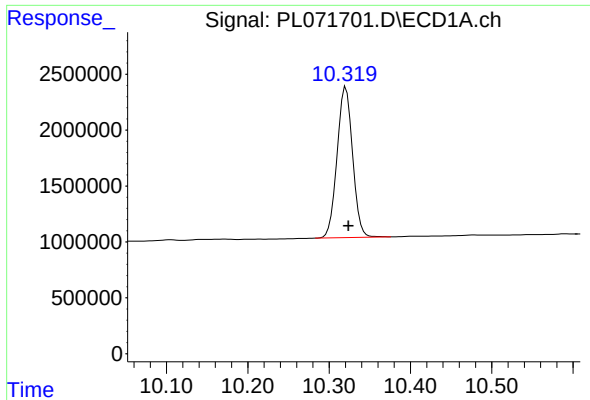
#22 Mirex

R.T.: 9.407 min
Delta R.T.: -0.004 min
Response: 35211729
Conc: 48.72 ng/ml



#22 Mirex

R.T.: 10.458 min
Delta R.T.: -0.004 min
Response: 53618931
Conc: 49.34 ng/ml



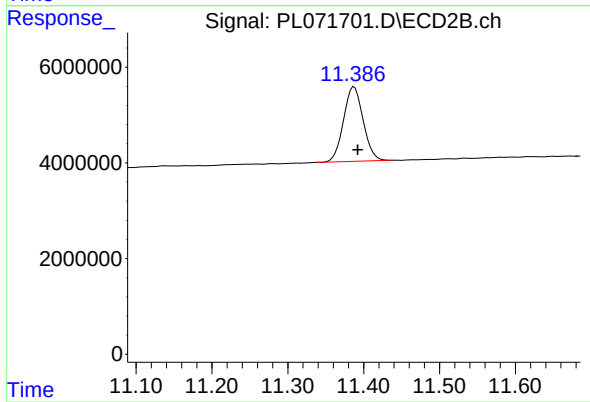
#28 Decachlorobiphenyl

R.T.: 10.321 min
Delta R.T.: -0.003 min
Response: 17877067
Conc: 24.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141729BS

Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 12/29/2021
Supervised By :mohammad ahmed 12/29/2021



#28 Decachlorobiphenyl

R.T.: 11.388 min
Delta R.T.: -0.005 min
Response: 28038555
Conc: 22.37 ng/ml