

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091622\
 Data File : PL077817.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Sep 2022 00:00
 Operator : AR\AJ
 Sample : PB147675BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB147675BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/19/2022
 Supervised By : Ankita Jodhani 09/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 17 02:43:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 13 13:26:11 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...	3.416	2.625	31479405	56601227	19.638	19.066
28)	SA Decachlor...	8.905	7.723	25256696	43804764	19.542	17.451
Target Compounds							
2)	A alpha-BHC	3.881	3.118	128.1E6	230.8E6	54.000	50.892
3)	MA gamma-BHC...	4.216	3.441	118.6E6	206.6E6	53.609	51.154
4)	MA Heptachlor	4.792	3.773	117.0E6	194.7E6	52.832	49.160
5)	MB Aldrin	5.132	4.047	110.3E6	200.0E6	55.508	52.714
6)	B beta-BHC	4.429	3.741	50730545	78967105	52.198	47.433
7)	B delta-BHC	4.672	3.964	107.8E6	205.8E6	52.527m	50.705
8)	B Heptachlo...	5.565	4.546	96215321	175.1E6	55.191	51.778
9)	A Endosulfan I	5.951	4.911	87251364	157.2E6	54.136	49.815
10)	B gamma-Chl...	5.821	4.795	96561036	173.5E6	55.150	50.910
11)	B alpha-Chl...	5.898	4.857	94746929	167.9E6	54.852	50.689
12)	B 4,4'-DDE	6.078	5.050	87343285	169.1E6	54.869	51.955m
13)	MA Dieldrin	6.229	5.173	90318078	176.0E6	55.958	53.094m
14)	MA Endrin	6.461	5.447	76156707	153.6E6	55.067	53.880
15)	B Endosulfa...	6.689	5.743	77064586	144.0E6	55.788	54.639
16)	A 4,4'-DDD	6.602	5.605	68393386	136.1E6	58.413	52.526
17)	MA 4,4'-DDT	6.913	5.851	66077344	130.2E6	52.147	49.404m
18)	B Endrin al...	6.820	5.922	60597983	111.3E6	57.304	53.938
19)	B Endosulfa...	7.053	6.145	70415262	138.0E6	54.986	51.308
20)	A Methoxychlor	7.394	6.430	35440211	67893409	53.661	49.578
21)	B Endrin ke...	7.542	6.644	74820683	154.0E6	54.147	50.866
22)	Mirex	8.001	6.818	57715097	110.8E6	54.967	51.559m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091622\
 Data File : PL077817.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Sep 2022 00:00
 Operator : AR\AJ
 Sample : PB147675BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB147675BS

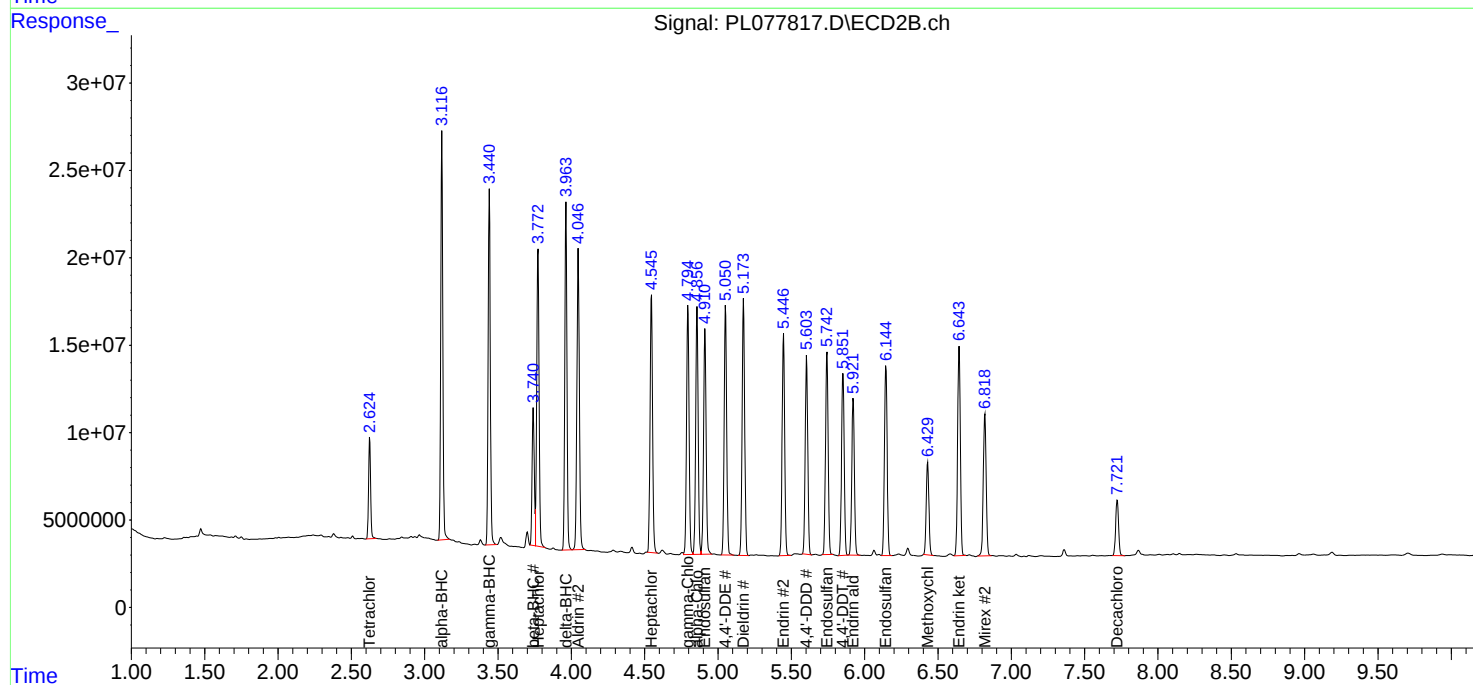
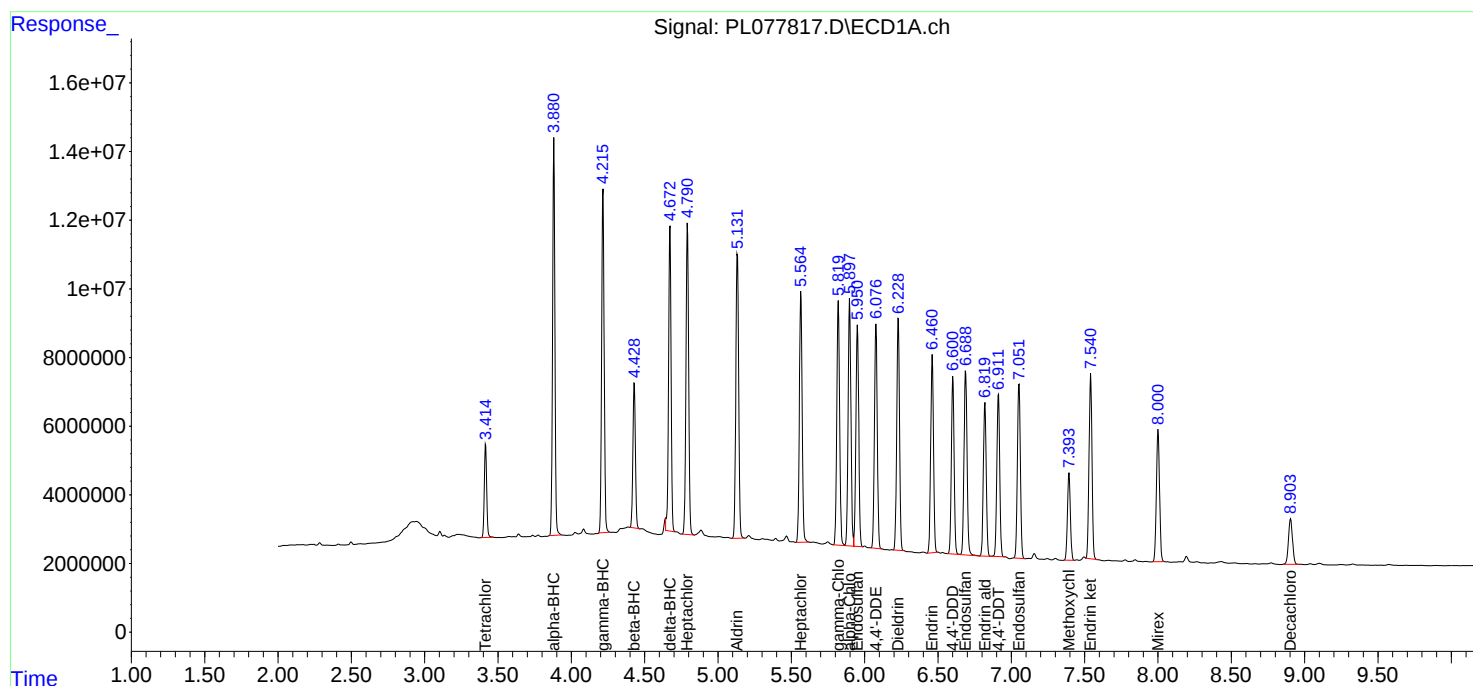
Manual Integrations

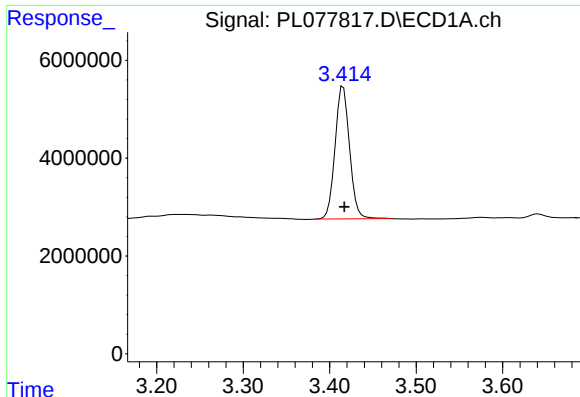
APPROVED

Reviewed By :Abdul Mirza 09/19/2022
 Supervised By :Ankita Jodhani 09/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 17 02:43:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 13 13:26:11 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





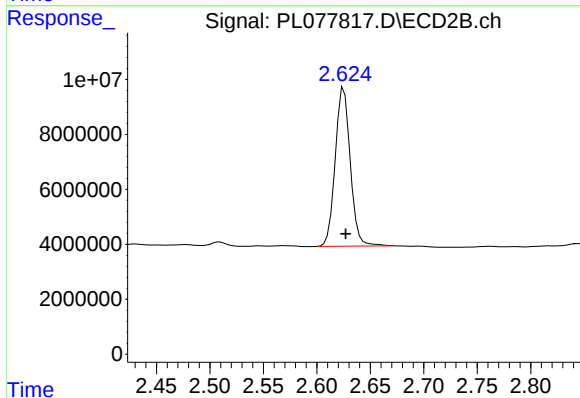
#1 Tetrachloro-m-xylene

R.T.: 3.416 min
Delta R.T.: -0.001 min
Response: 31479405
Conc: 19.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147675BS

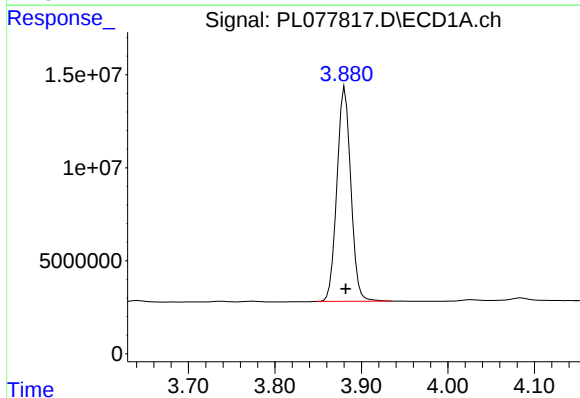
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/19/2022
Supervised By :Ankita Jodhani 09/19/2022



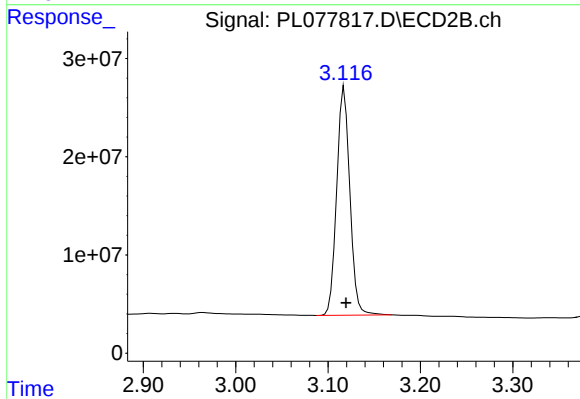
#1 Tetrachloro-m-xylene

R.T.: 2.625 min
Delta R.T.: -0.002 min
Response: 56601227
Conc: 19.07 ng/ml



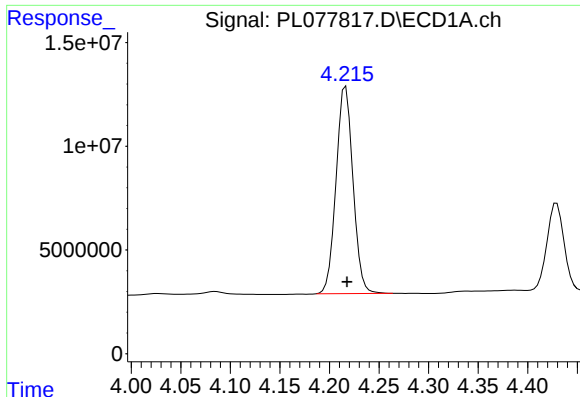
#2 alpha-BHC

R.T.: 3.881 min
Delta R.T.: 0.000 min
Response: 128147994
Conc: 54.00 ng/ml



#2 alpha-BHC

R.T.: 3.118 min
Delta R.T.: -0.002 min
Response: 230801063
Conc: 50.89 ng/ml



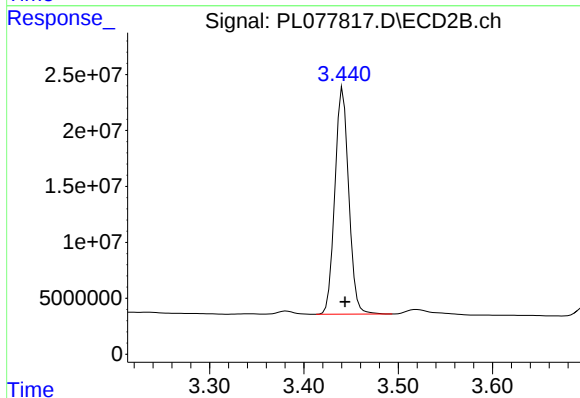
#3 gamma-BHC (Lindane)

R.T.: 4.216 min
Delta R.T.: -0.001 min
Response: 118606180
Conc: 53.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147675BS

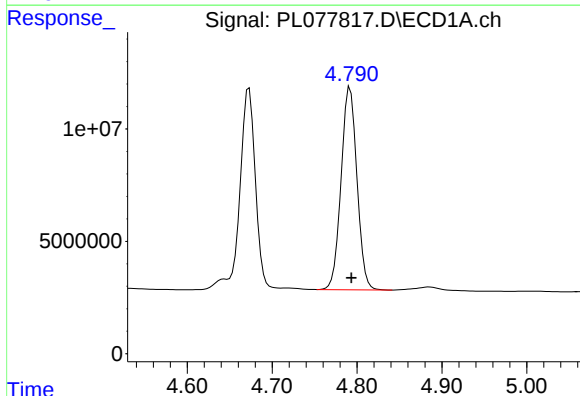
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/19/2022
Supervised By :Ankita Jodhani 09/19/2022



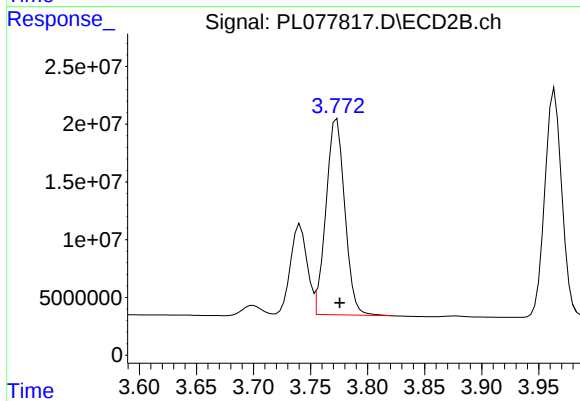
#3 gamma-BHC (Lindane)

R.T.: 3.441 min
Delta R.T.: -0.002 min
Response: 206569763
Conc: 51.15 ng/ml



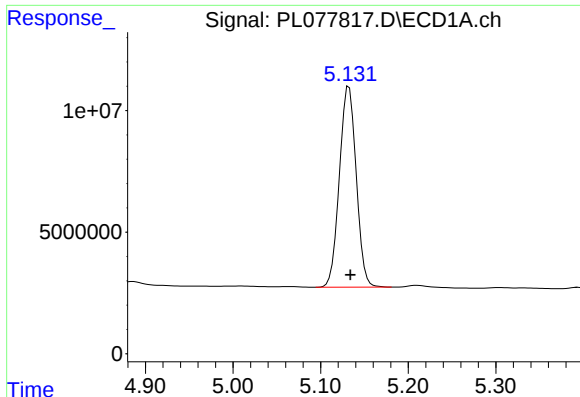
#4 Heptachlor

R.T.: 4.792 min
Delta R.T.: -0.002 min
Response: 116973175
Conc: 52.83 ng/ml



#4 Heptachlor

R.T.: 3.773 min
Delta R.T.: -0.003 min
Response: 194704666
Conc: 49.16 ng/ml



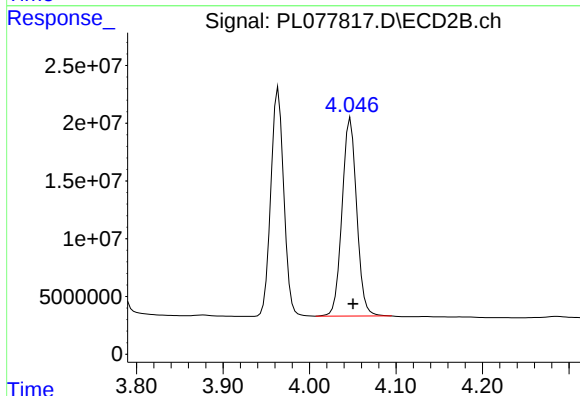
#5 Aldrin

R.T.: 5.132 min
Delta R.T.: -0.002 min
Response: 110319424
Conc: 55.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147675BS

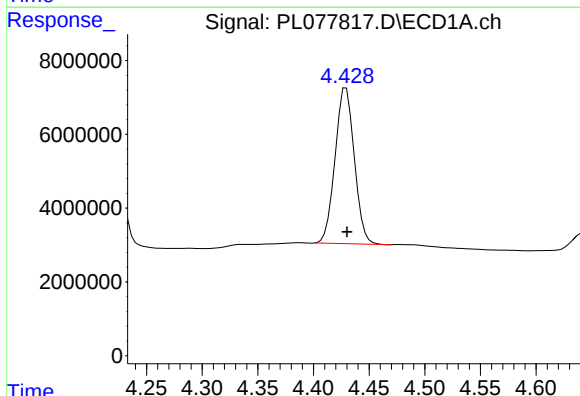
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/19/2022
Supervised By :Ankita Jodhani 09/19/2022



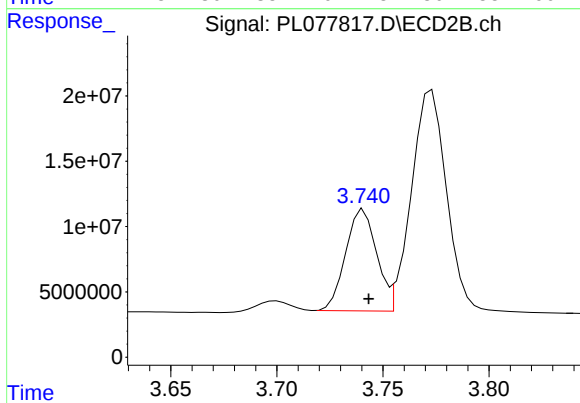
#5 Aldrin

R.T.: 4.047 min
Delta R.T.: -0.003 min
Response: 200045105
Conc: 52.71 ng/ml



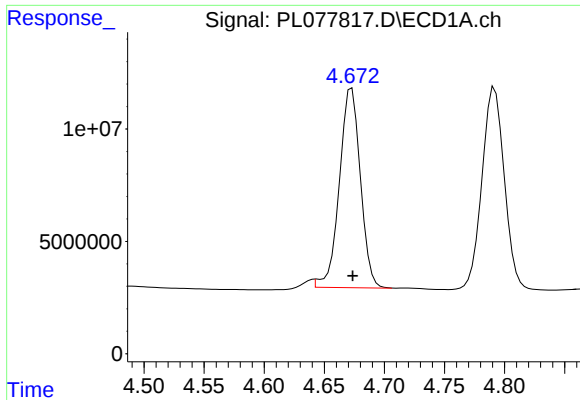
#6 beta-BHC

R.T.: 4.429 min
Delta R.T.: 0.000 min
Response: 50730545
Conc: 52.20 ng/ml



#6 beta-BHC

R.T.: 3.741 min
Delta R.T.: -0.002 min
Response: 78967105
Conc: 47.43 ng/ml



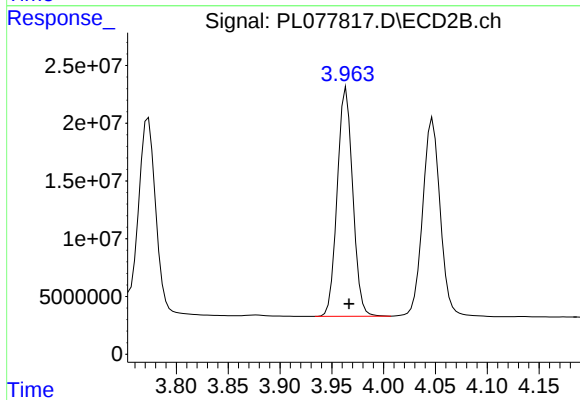
#7 delta-BHC

R.T.: 4.672 min
Delta R.T.: -0.002 min
Response: 107849209
Conc: 52.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147675BS

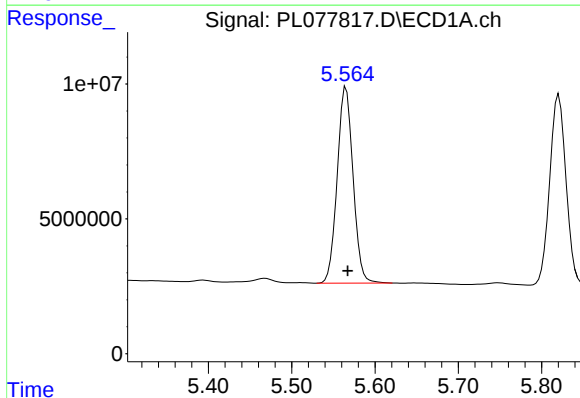
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/19/2022
Supervised By :Ankita Jodhani 09/19/2022



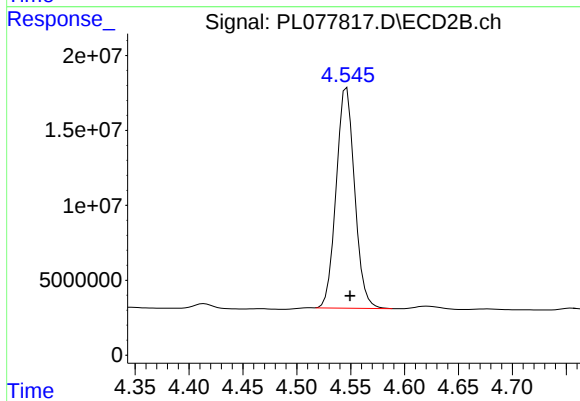
#7 delta-BHC

R.T.: 3.964 min
Delta R.T.: -0.003 min
Response: 205750862
Conc: 50.71 ng/ml



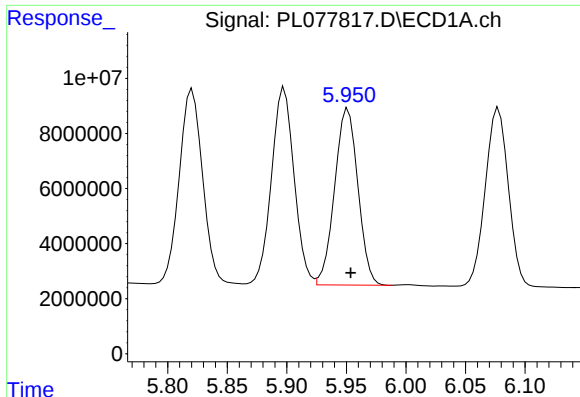
#8 Heptachlor epoxide

R.T.: 5.565 min
Delta R.T.: -0.002 min
Response: 96215321
Conc: 55.19 ng/ml



#8 Heptachlor epoxide

R.T.: 4.546 min
Delta R.T.: -0.003 min
Response: 175082061
Conc: 51.78 ng/ml



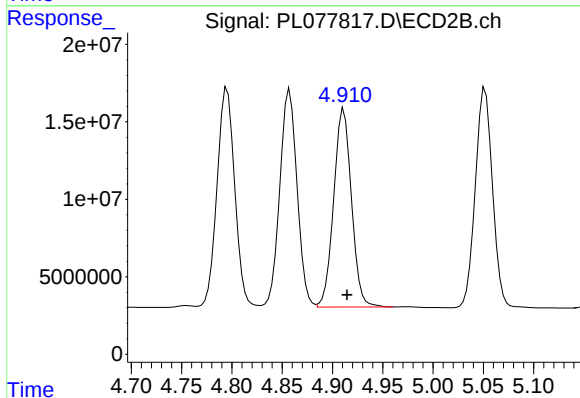
#9 Endosulfan I

R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 87251364
Conc: 54.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147675BS

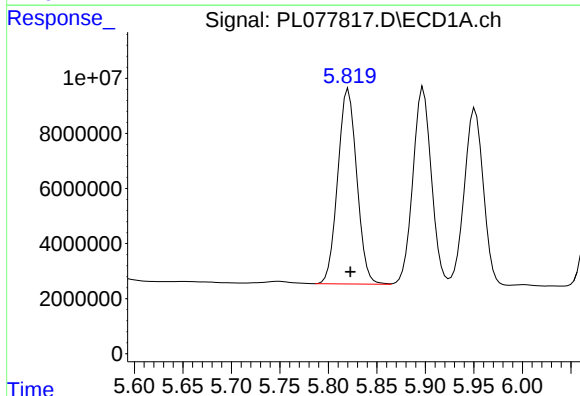
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/19/2022
Supervised By :Ankita Jodhani 09/19/2022



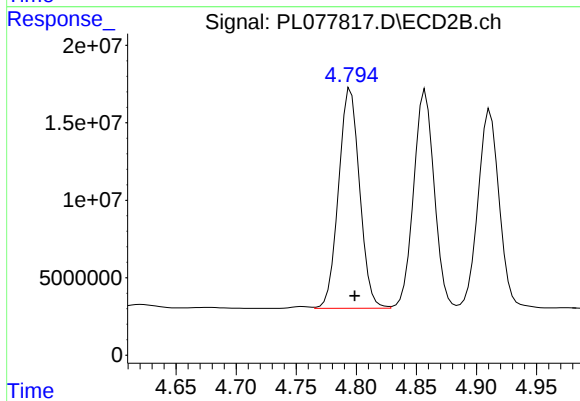
#9 Endosulfan I

R.T.: 4.911 min
Delta R.T.: -0.003 min
Response: 157177652
Conc: 49.81 ng/ml



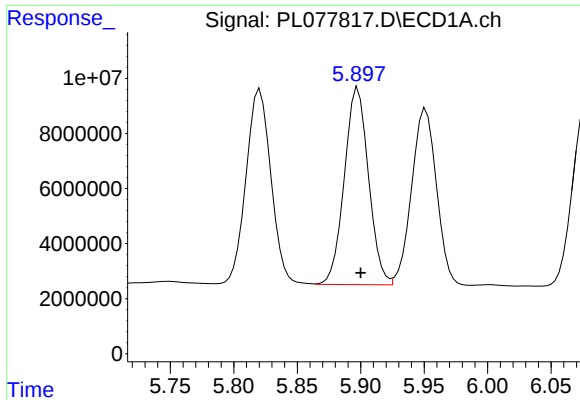
#10 gamma-Chlordane

R.T.: 5.821 min
Delta R.T.: -0.002 min
Response: 96561036
Conc: 55.15 ng/ml



#10 gamma-Chlordane

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 173516303
Conc: 50.91 ng/ml



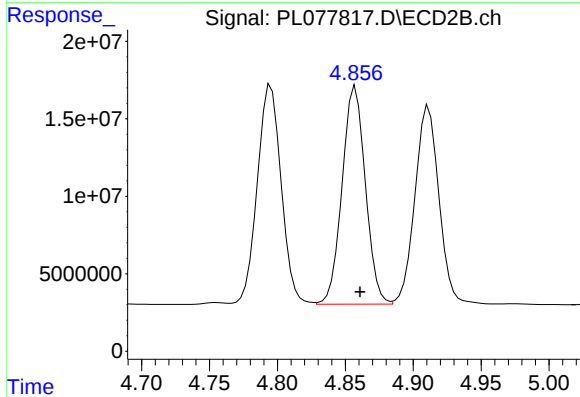
#11 alpha-Chlordane

R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 94746929
Conc: 54.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147675BS

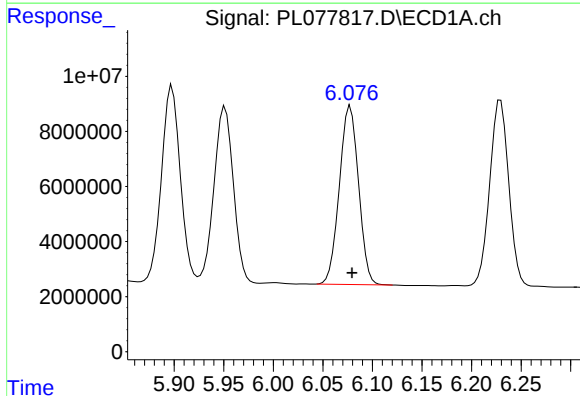
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/19/2022
Supervised By :Ankita Jodhani 09/19/2022



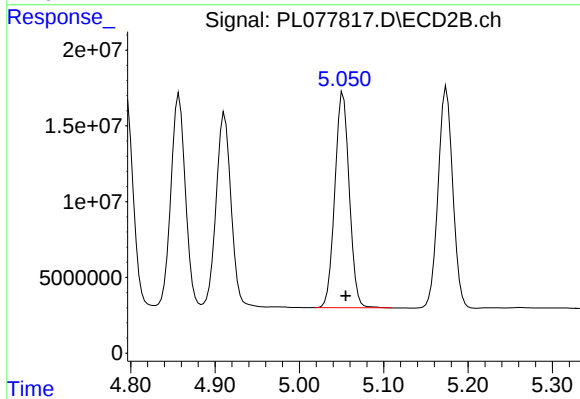
#11 alpha-Chlordane

R.T.: 4.857 min
Delta R.T.: -0.003 min
Response: 167864770
Conc: 50.69 ng/ml



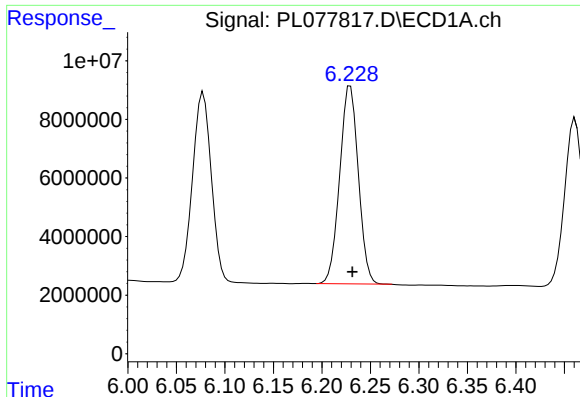
#12 4,4'-DDE

R.T.: 6.078 min
Delta R.T.: -0.002 min
Response: 87343285
Conc: 54.87 ng/ml



#12 4,4'-DDE

R.T.: 5.050 min
Delta R.T.: -0.005 min
Response: 169050464
Conc: 51.95 ng/ml m



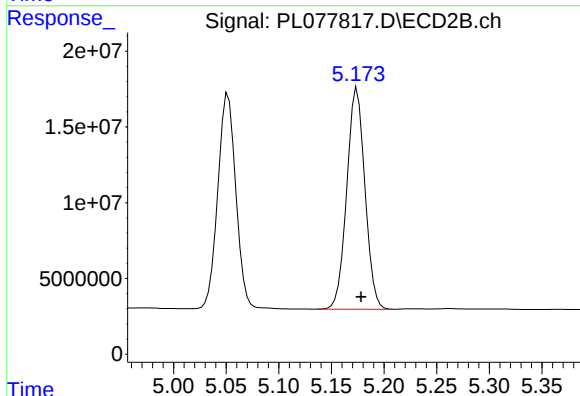
#13 Dieldrin

R.T.: 6.229 min
Delta R.T.: -0.002 min
Response: 90318078
Conc: 55.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147675BS

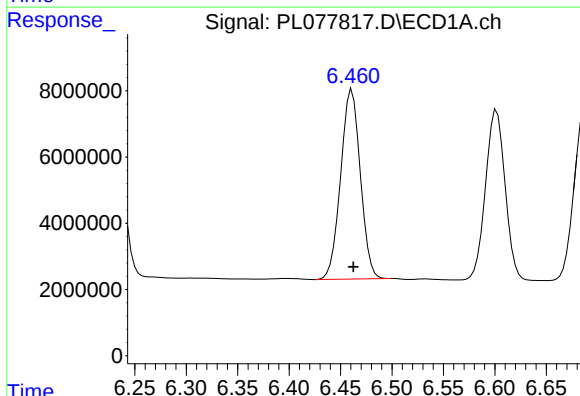
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/19/2022
Supervised By :Ankita Jodhani 09/19/2022



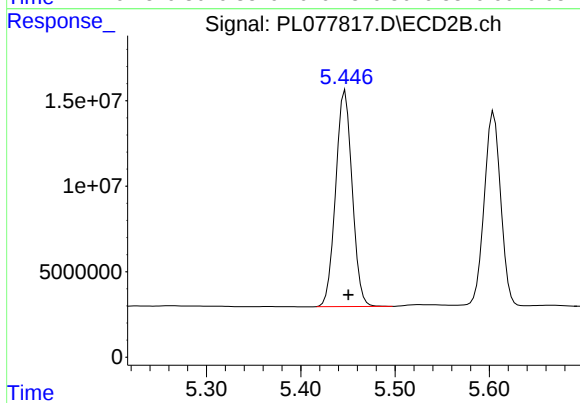
#13 Dieldrin

R.T.: 5.173 min
Delta R.T.: -0.005 min
Response: 176043481
Conc: 53.09 ng/ml m



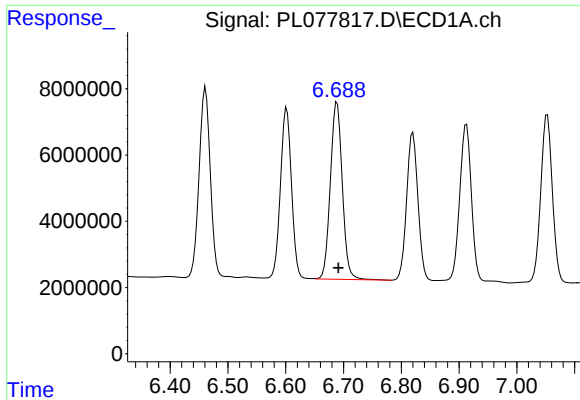
#14 Endrin

R.T.: 6.461 min
Delta R.T.: -0.001 min
Response: 76156707
Conc: 55.07 ng/ml



#14 Endrin

R.T.: 5.447 min
Delta R.T.: -0.003 min
Response: 153637121
Conc: 53.88 ng/ml



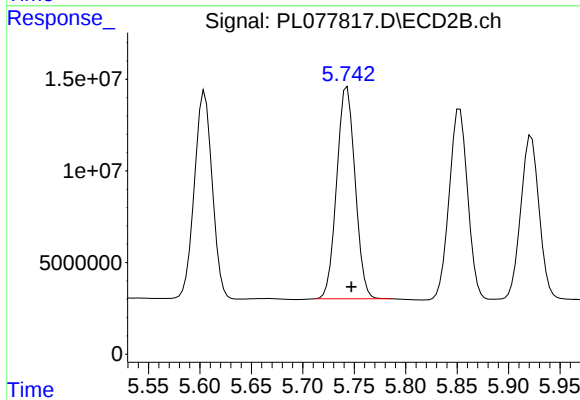
#15 Endosulfan II

R.T.: 6.689 min
Delta R.T.: -0.002 min
Response: 77064586
Conc: 55.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147675BS

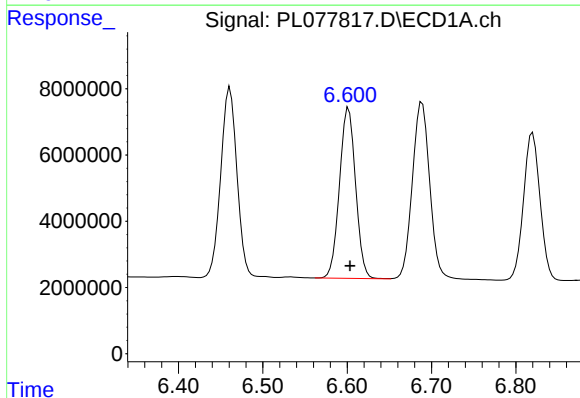
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/19/2022
Supervised By :Ankita Jodhani 09/19/2022



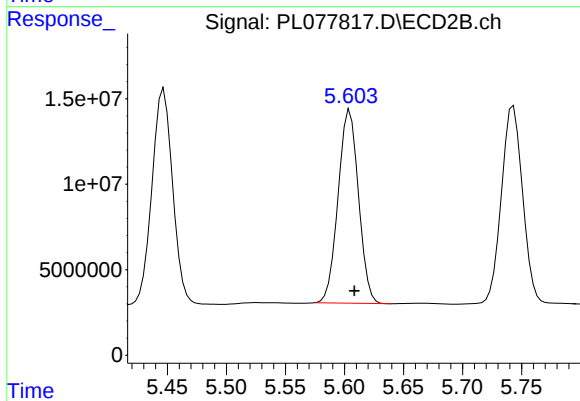
#15 Endosulfan II

R.T.: 5.743 min
Delta R.T.: -0.004 min
Response: 143982630
Conc: 54.64 ng/ml



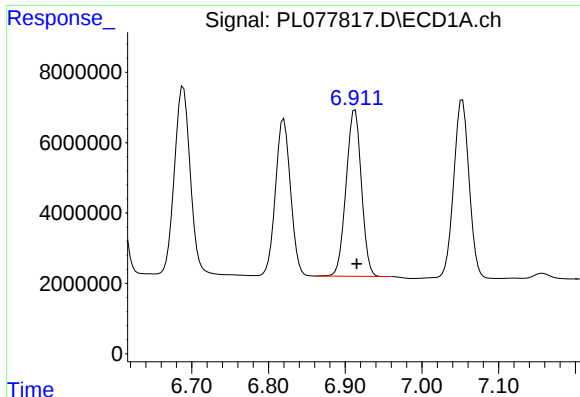
#16 4,4'-DDD

R.T.: 6.602 min
Delta R.T.: -0.002 min
Response: 68393386
Conc: 58.41 ng/ml



#16 4,4'-DDD

R.T.: 5.605 min
Delta R.T.: -0.004 min
Response: 136074015
Conc: 52.53 ng/ml



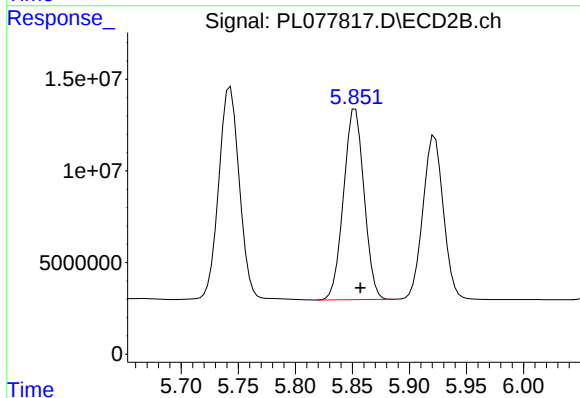
#17 4,4'-DDT

R.T.: 6.913 min
Delta R.T.: -0.002 min
Response: 66077344
Conc: 52.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147675BS

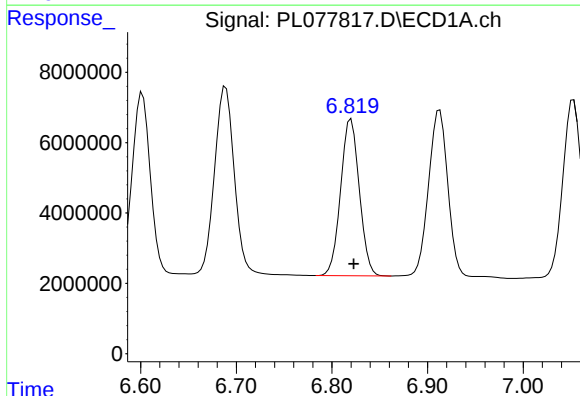
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/19/2022
Supervised By :Ankita Jodhani 09/19/2022



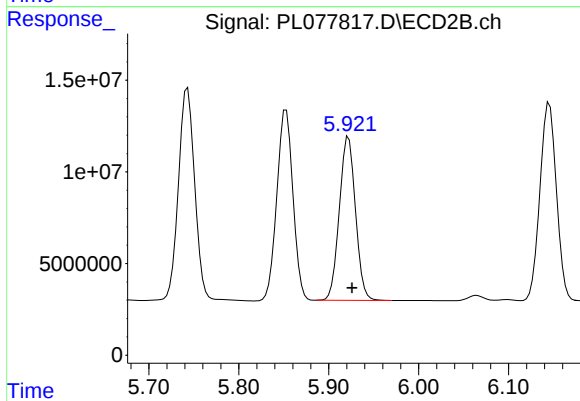
#17 4,4'-DDT

R.T.: 5.851 min
Delta R.T.: -0.006 min
Response: 130168474
Conc: 49.40 ng/ml m



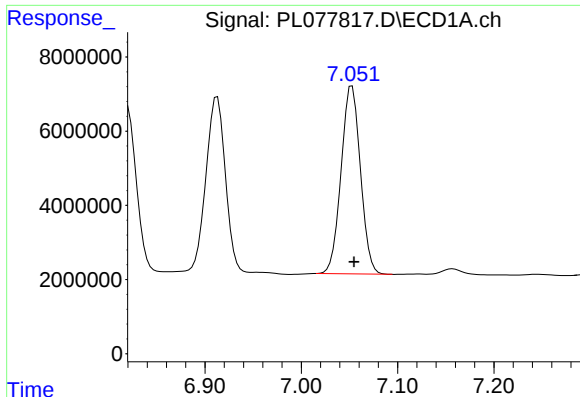
#18 Endrin aldehyde

R.T.: 6.820 min
Delta R.T.: -0.003 min
Response: 60597983
Conc: 57.30 ng/ml



#18 Endrin aldehyde

R.T.: 5.922 min
Delta R.T.: -0.004 min
Response: 111303798
Conc: 53.94 ng/ml



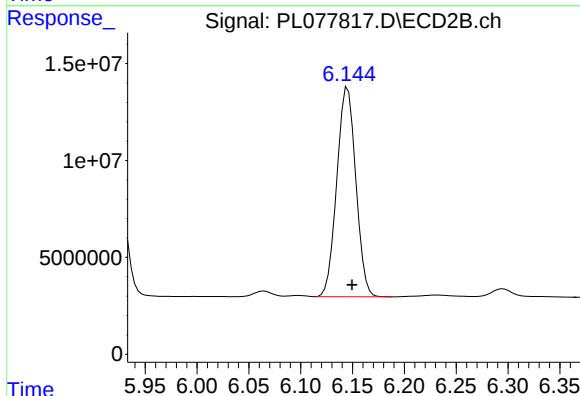
#19 Endosulfan Sulfate

R.T.: 7.053 min
Delta R.T.: -0.002 min
Response: 70415262
Conc: 54.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147675BS

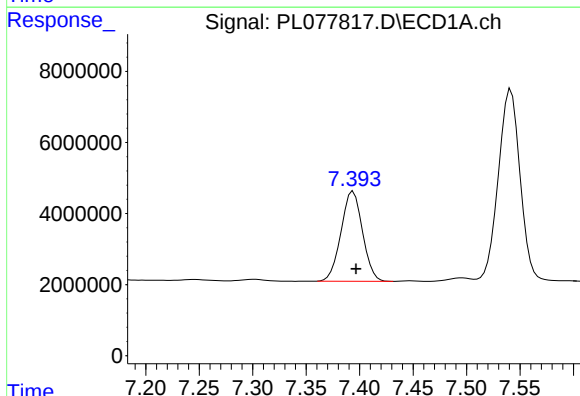
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/19/2022
Supervised By :Ankita Jodhani 09/19/2022



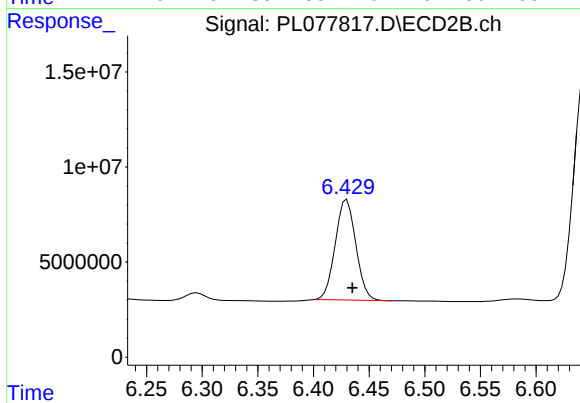
#19 Endosulfan Sulfate

R.T.: 6.145 min
Delta R.T.: -0.004 min
Response: 137975233
Conc: 51.31 ng/ml



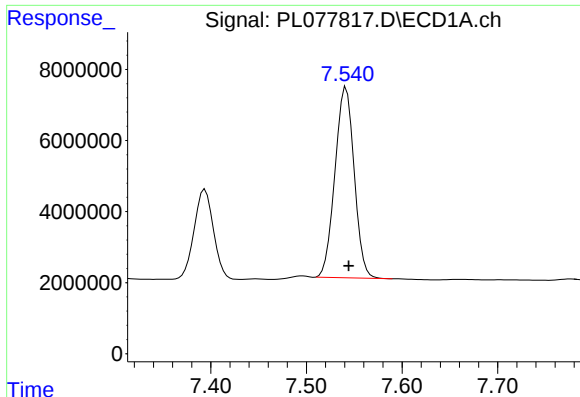
#20 Methoxychlor

R.T.: 7.394 min
Delta R.T.: -0.003 min
Response: 35440211
Conc: 53.66 ng/ml



#20 Methoxychlor

R.T.: 6.430 min
Delta R.T.: -0.005 min
Response: 67893409
Conc: 49.58 ng/ml



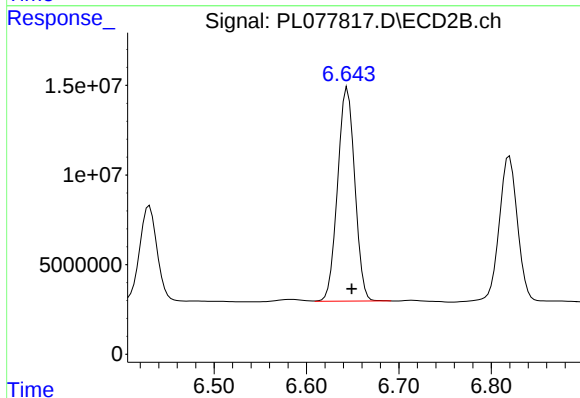
#21 Endrin ketone

R.T.: 7.542 min
Delta R.T.: -0.003 min
Response: 74820683
Conc: 54.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147675BS

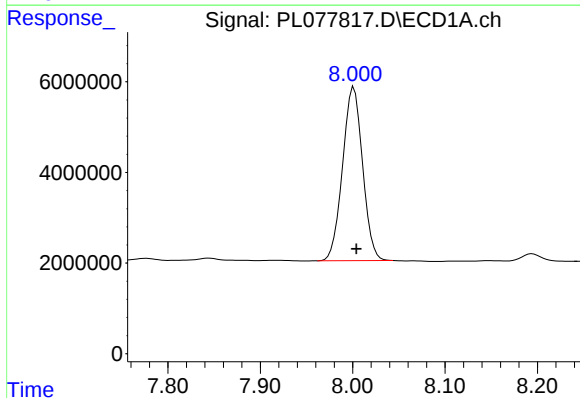
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/19/2022
Supervised By :Ankita Jodhani 09/19/2022



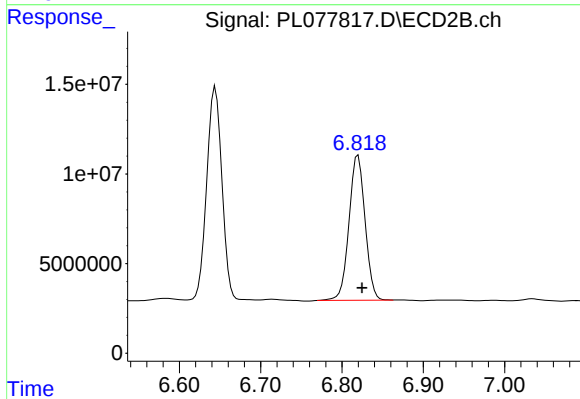
#21 Endrin ketone

R.T.: 6.644 min
Delta R.T.: -0.005 min
Response: 154040893
Conc: 50.87 ng/ml



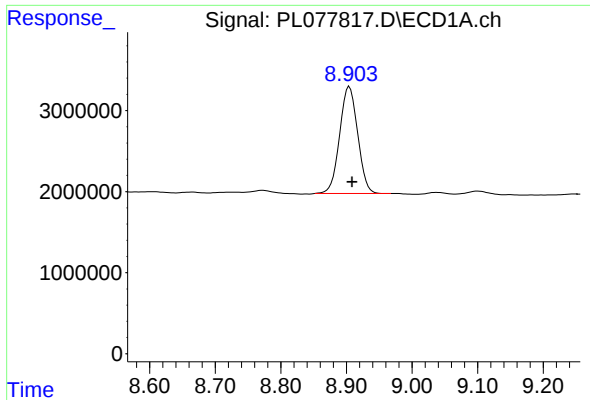
#22 Mirex

R.T.: 8.001 min
Delta R.T.: -0.003 min
Response: 57715097
Conc: 54.97 ng/ml



#22 Mirex

R.T.: 6.818 min
Delta R.T.: -0.007 min
Response: 110844299
Conc: 51.56 ng/ml m



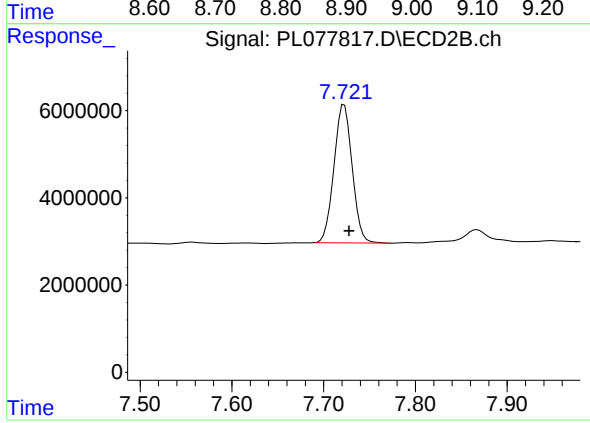
#28 Decachlorobiphenyl

R.T.: 8.905 min
Delta R.T.: -0.004 min
Response: 25256696
Conc: 19.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147675BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/19/2022
Supervised By :Ankita Jodhani 09/19/2022



#28 Decachlorobiphenyl

R.T.: 7.723 min
Delta R.T.: -0.005 min
Response: 43804764
Conc: 17.45 ng/ml