

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090922\
 Data File : PL077631.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2022 19:13
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/13/2022
 Supervised By : Ankita Jodhani 09/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 05:08:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090722.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 14:34:08 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...	3.419	2.626	77346806	125.0E6	45.238	47.240
28)	SA Decachlor...	8.906	7.724	63153740	105.1E6	42.105	53.272 #
Target Compounds							
2)	A alpha-BHC	3.883	3.118	117.7E6	191.3E6	45.853	47.770
3)	MA gamma-BHC...	4.219	3.442	109.6E6	173.9E6	45.801	55.629
4)	MA Heptachlor	4.794	3.774	112.4E6	170.5E6	48.048	51.374
5)	MB Aldrin	5.134	4.048	102.2E6	165.9E6	46.092	52.398
6)	B beta-BHC	4.431	3.742	47507917	73253416	46.305	51.185
7)	B delta-BHC	4.675	3.965	98908416	178.9E6	52.531	50.356
8)	B Heptachlo...	5.566	4.547	91900921	148.8E6	57.443m	54.432
9)	A Endosulfan I	5.954	4.913	83941777	139.1E6	47.803	53.899
10)	B gamma-Chl...	5.823	4.796	92881113	150.1E6	49.527	53.604
11)	B alpha-Chl...	5.899	4.859	90935051	146.3E6	48.213	54.320
12)	B 4,4'-DDE	6.079	5.054	84528979	145.4E6	48.257	53.560
13)	MA Dieldrin	6.231	5.176	83389489	149.5E6	45.597	54.585
14)	MA Endrin	6.462	5.448	69952307	126.7E6	46.202	61.469 #
15)	B Endosulfa...	6.690	5.745	68007991	118.3E6	41.951	50.307
16)	A 4,4'-DDD	6.603	5.606	64134000	120.6E6	48.553	58.556
17)	MA 4,4'-DDT	6.915	5.855	64390687	114.7E6	40.615	53.714 #
18)	B Endrin al...	6.821	5.924	54202061	91234695	46.463	52.459
19)	B Endosulfa...	7.054	6.146	65702297	118.0E6	44.250	53.457
20)	A Methoxychlor	7.395	6.432	34124729	59394505	43.021	50.545
21)	B Endrin ke...	7.542	6.646	69776574	137.6E6	45.199	56.725 #
22)	Mirex	8.002	6.822	52967849	92886558	43.563	53.057

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090922\
Data File : PL077631.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Sep 2022 19:13
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

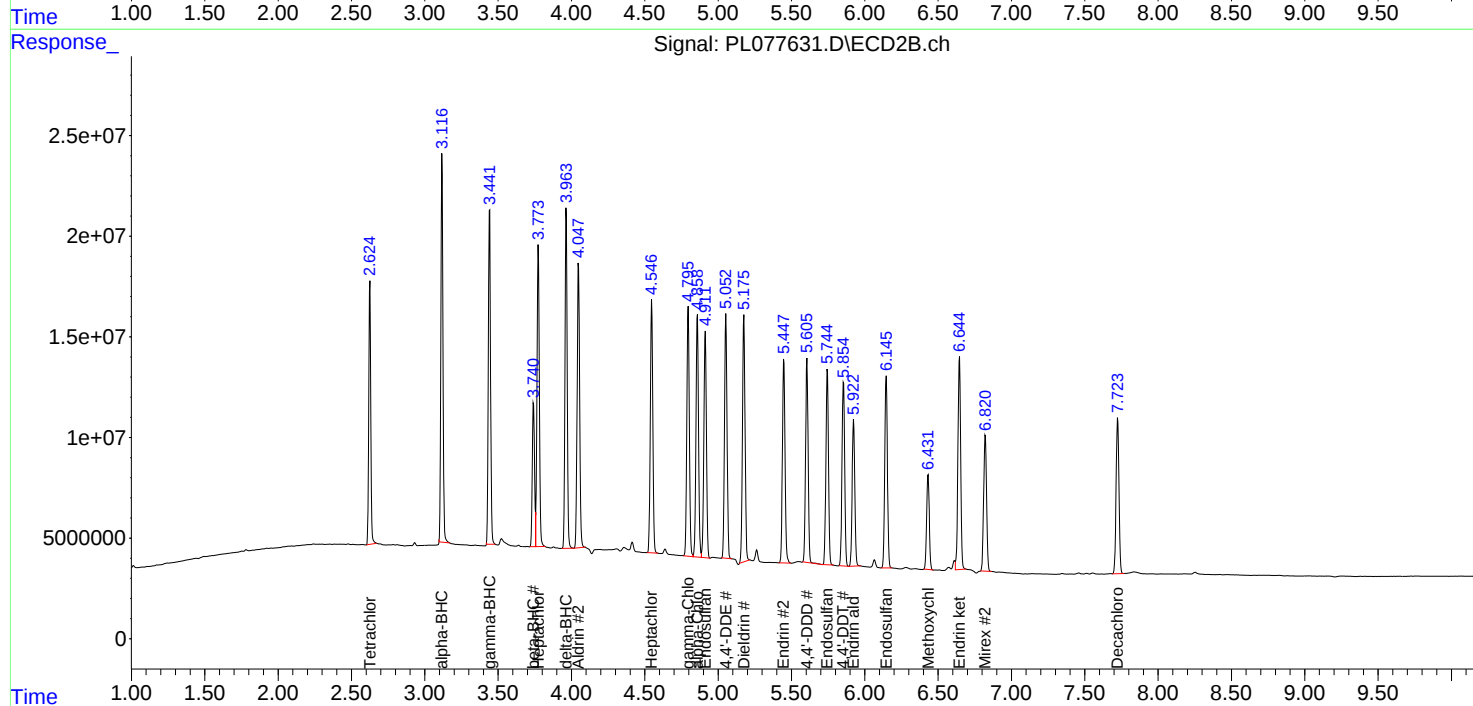
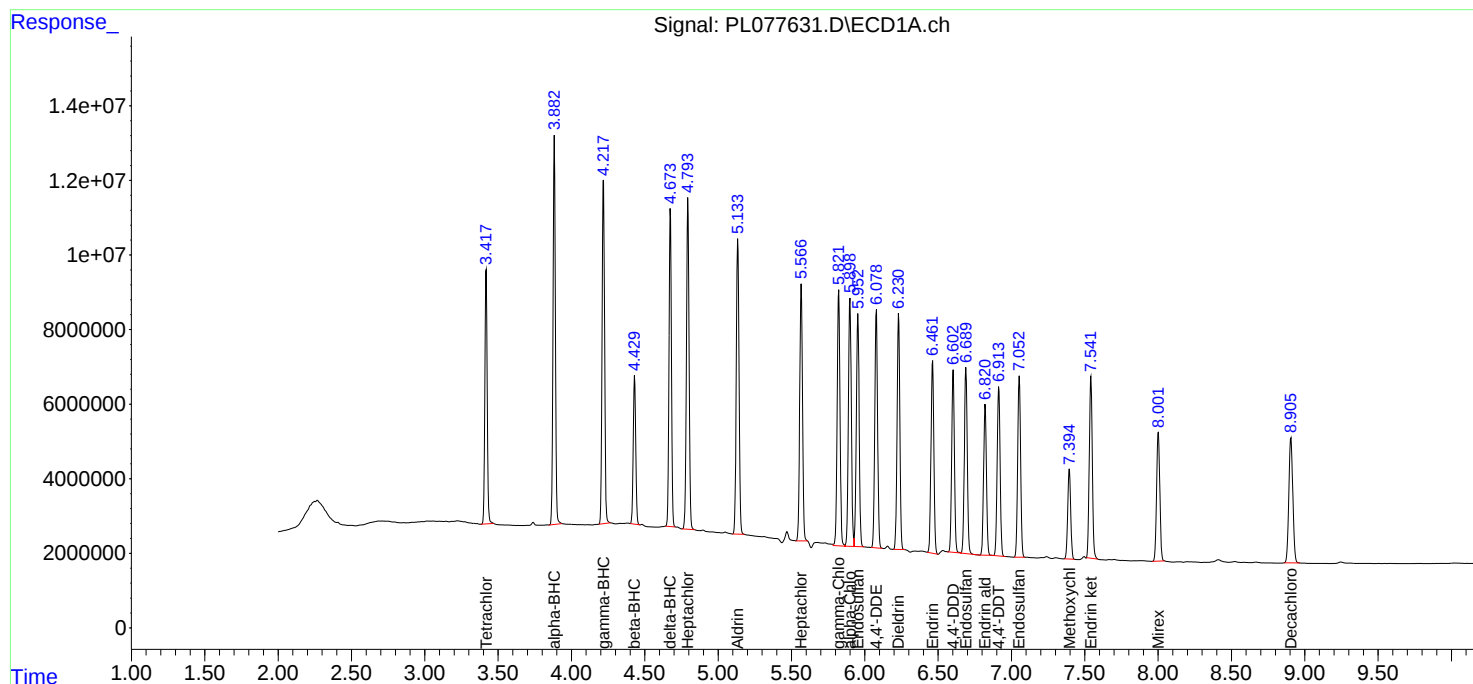
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

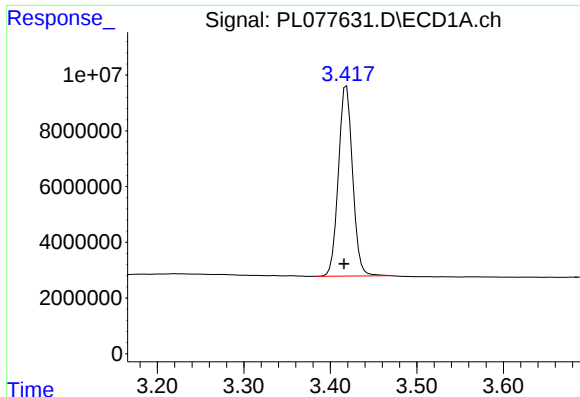
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 09/13/2022
Supervised By : Ankita Jodhani 09/13/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 05:08:37 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090722.M
Quant Title : GC Extractables
QLast Update : Wed Sep 07 14:34:08 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





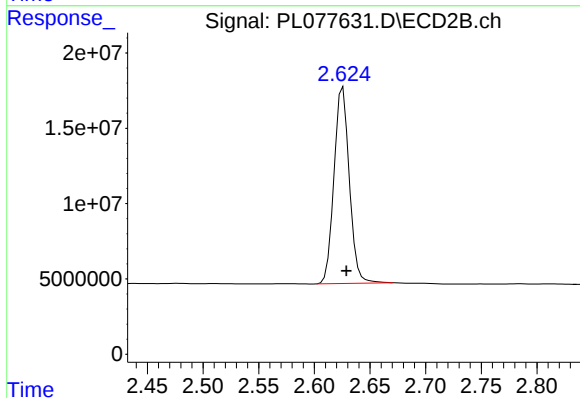
#1 Tetrachloro-m-xylene

R.T.: 3.419 min
Delta R.T.: 0.003 min
Response: 77346806
Conc: 45.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

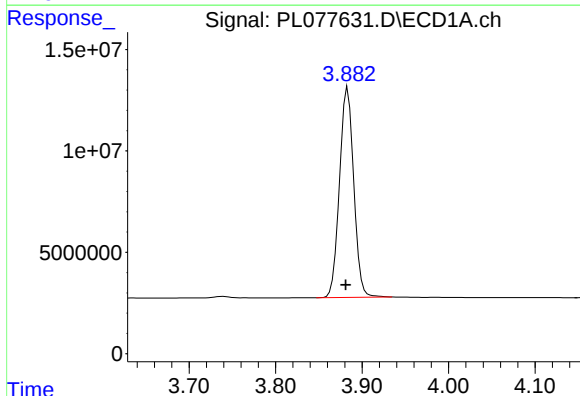
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/13/2022
Supervised By :Ankita Jodhani 09/13/2022



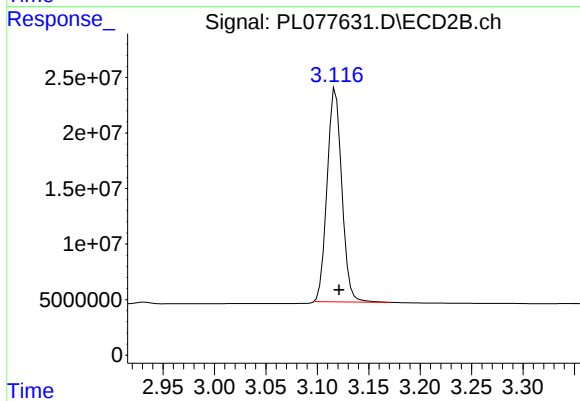
#1 Tetrachloro-m-xylene

R.T.: 2.626 min
Delta R.T.: -0.003 min
Response: 125003354
Conc: 47.24 ng/ml



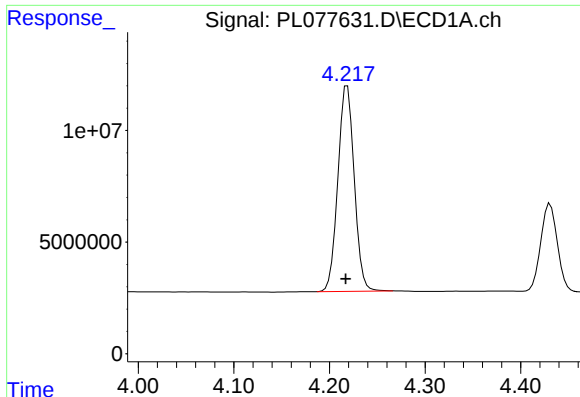
#2 alpha-BHC

R.T.: 3.883 min
Delta R.T.: 0.002 min
Response: 117680359
Conc: 45.85 ng/ml



#2 alpha-BHC

R.T.: 3.118 min
Delta R.T.: -0.003 min
Response: 191303900
Conc: 47.77 ng/ml



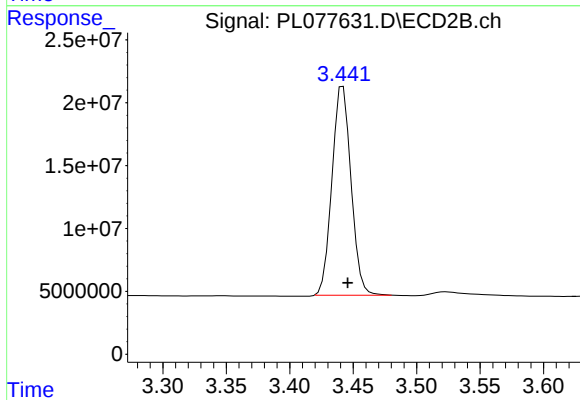
#3 gamma-BHC (Lindane)

R.T.: 4.219 min
Delta R.T.: 0.002 min
Response: 109600748
Conc: 45.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

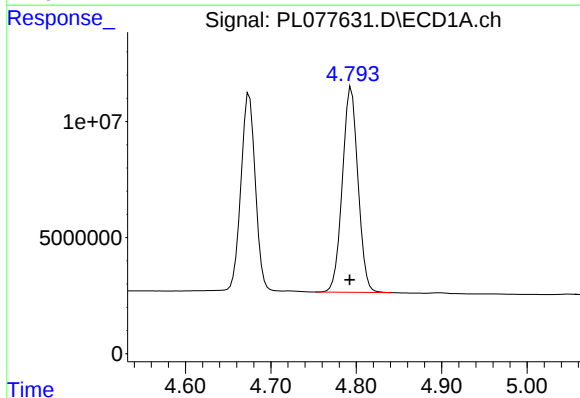
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/13/2022
Supervised By :Ankita Jodhani 09/13/2022



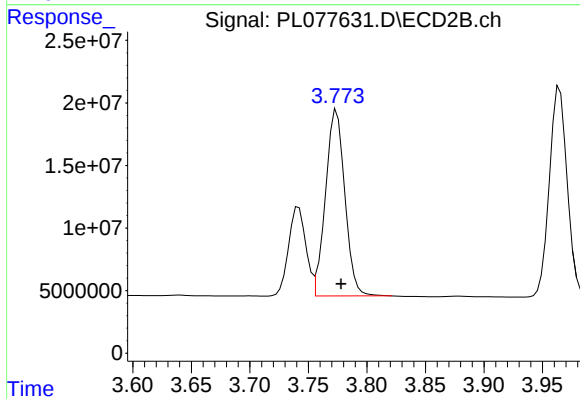
#3 gamma-BHC (Lindane)

R.T.: 3.442 min
Delta R.T.: -0.004 min
Response: 173902227
Conc: 55.63 ng/ml



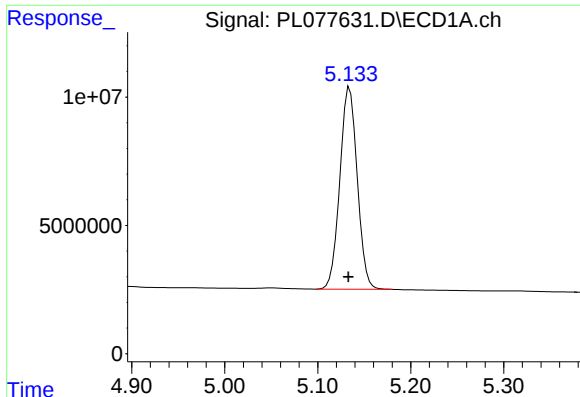
#4 Heptachlor

R.T.: 4.794 min
Delta R.T.: 0.002 min
Response: 112422116
Conc: 48.05 ng/ml



#4 Heptachlor

R.T.: 3.774 min
Delta R.T.: -0.004 min
Response: 170494553
Conc: 51.37 ng/ml



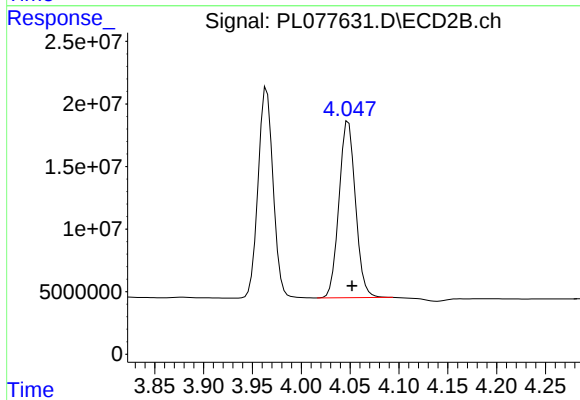
#5 Aldrin

R.T.: 5.134 min
Delta R.T.: 0.001 min
Response: 102247046
Conc: 46.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

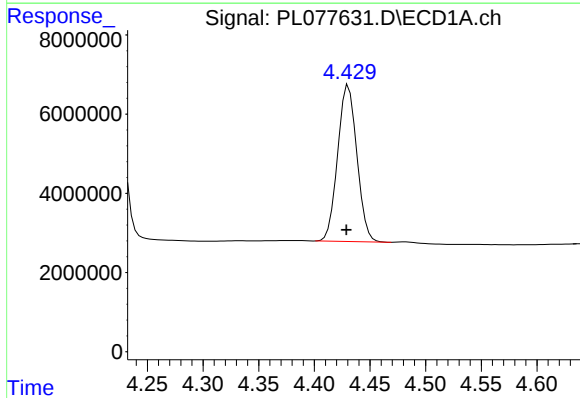
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/13/2022
Supervised By :Ankita Jodhani 09/13/2022



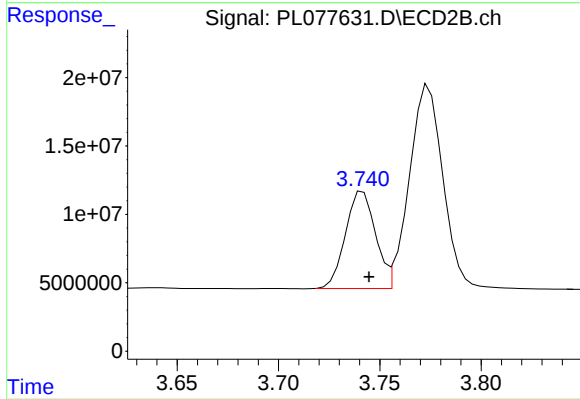
#5 Aldrin

R.T.: 4.048 min
Delta R.T.: -0.004 min
Response: 165850214
Conc: 52.40 ng/ml



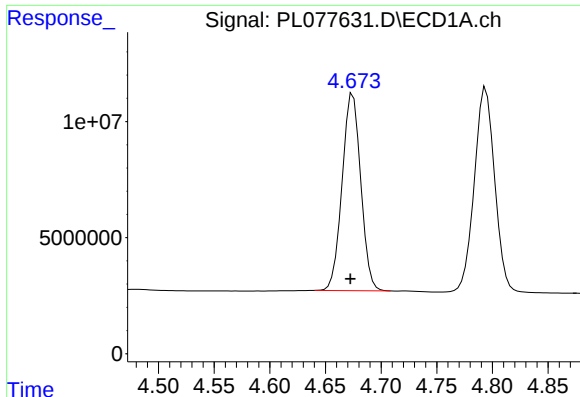
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: 0.002 min
Response: 47507917
Conc: 46.30 ng/ml



#6 beta-BHC

R.T.: 3.742 min
Delta R.T.: -0.003 min
Response: 73253416
Conc: 51.18 ng/ml



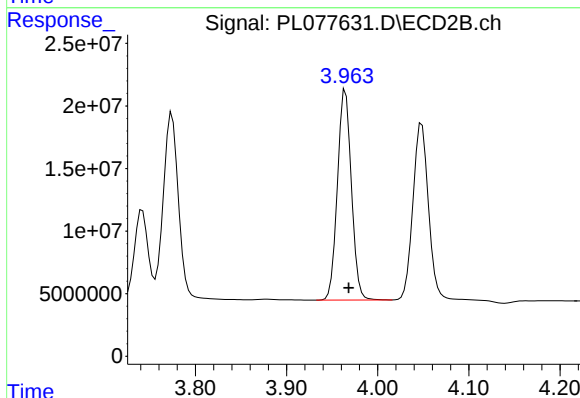
#7 delta-BHC

R.T.: 4.675 min
Delta R.T.: 0.002 min
Response: 98908416
Conc: 52.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

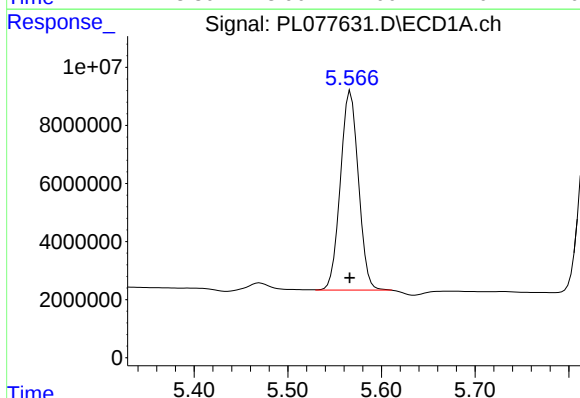
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/13/2022
Supervised By :Ankita Jodhani 09/13/2022



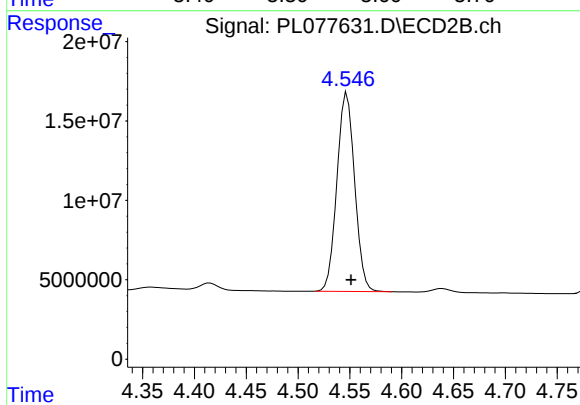
#7 delta-BHC

R.T.: 3.965 min
Delta R.T.: -0.003 min
Response: 178926159
Conc: 50.36 ng/ml



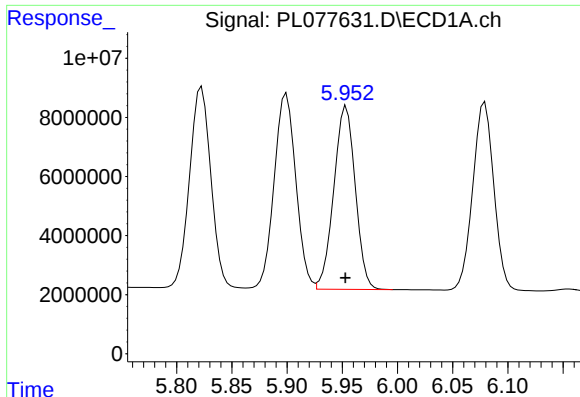
#8 Heptachlor epoxide

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 91900921
Conc: 57.44 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.547 min
Delta R.T.: -0.004 min
Response: 148838685
Conc: 54.43 ng/ml



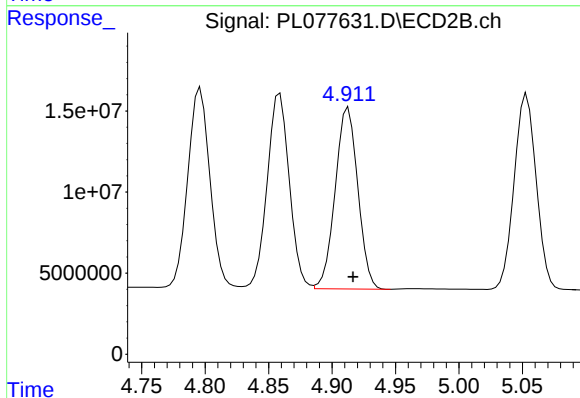
#9 Endosulfan I

R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 83941777
Conc: 47.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

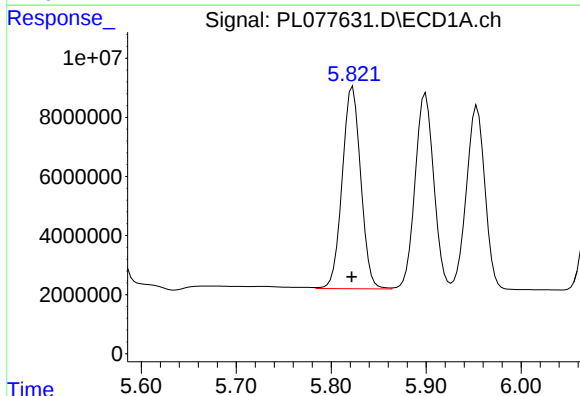
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/13/2022
Supervised By :Ankita Jodhani 09/13/2022



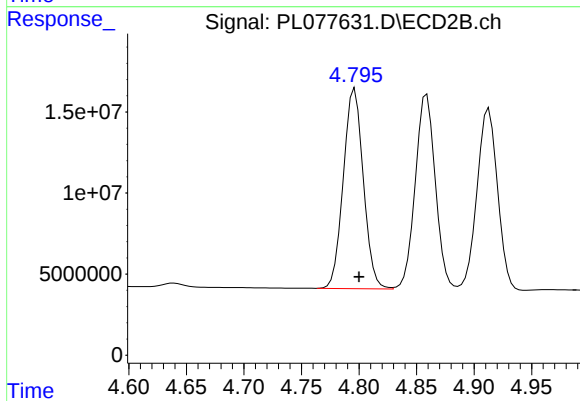
#9 Endosulfan I

R.T.: 4.913 min
Delta R.T.: -0.004 min
Response: 139105892
Conc: 53.90 ng/ml



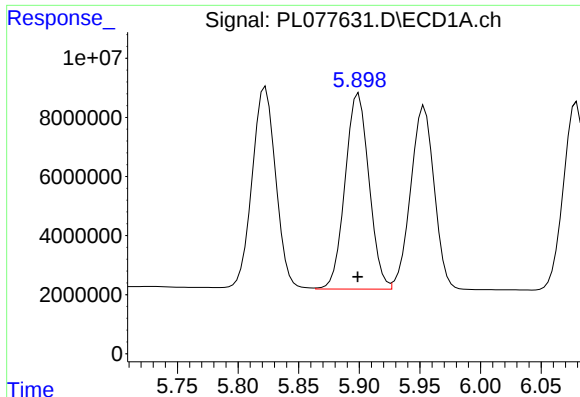
#10 gamma-Chlordane

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 92881113
Conc: 49.53 ng/ml



#10 gamma-Chlordane

R.T.: 4.796 min
Delta R.T.: -0.004 min
Response: 150124404
Conc: 53.60 ng/ml



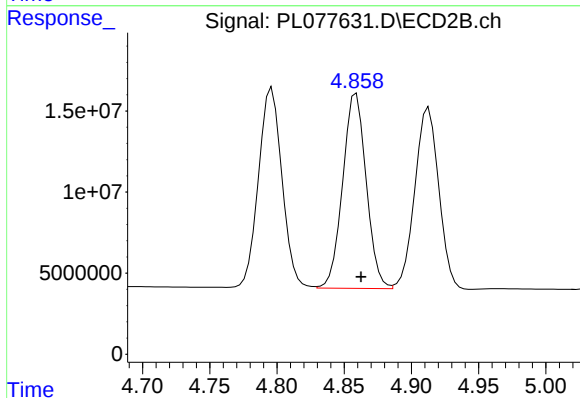
#11 alpha-Chlordane

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 90935051
Conc: 48.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

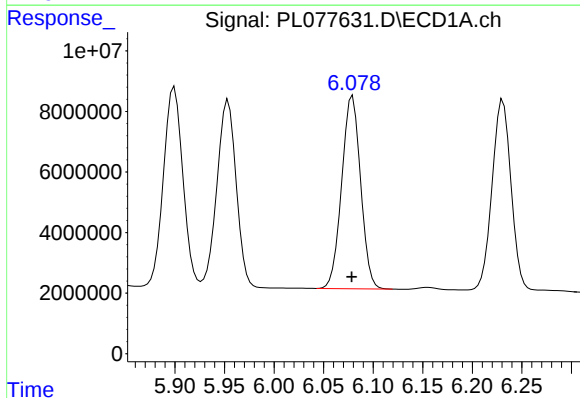
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/13/2022
Supervised By :Ankita Jodhani 09/13/2022



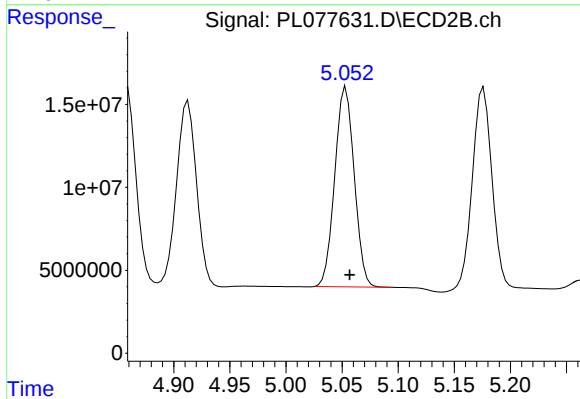
#11 alpha-Chlordane

R.T.: 4.859 min
Delta R.T.: -0.004 min
Response: 146270682
Conc: 54.32 ng/ml



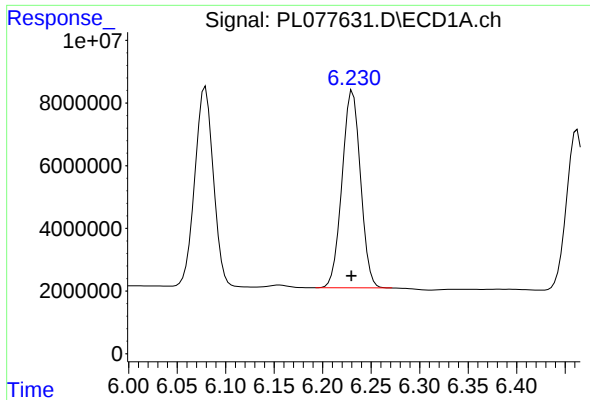
#12 4,4'-DDE

R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 84528979
Conc: 48.26 ng/ml



#12 4,4'-DDE

R.T.: 5.054 min
Delta R.T.: -0.003 min
Response: 145379020
Conc: 53.56 ng/ml



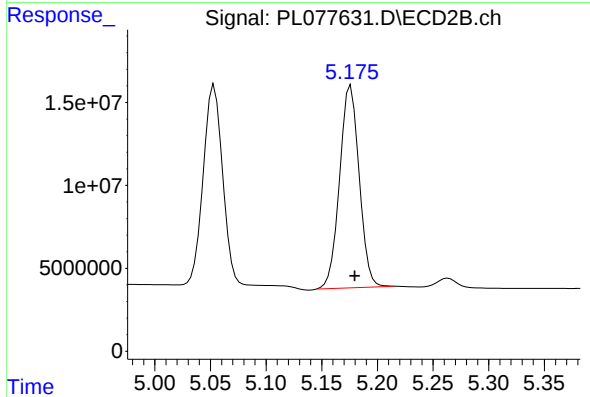
#13 Dieldrin

R.T.: 6.231 min
Delta R.T.: 0.001 min
Response: 83389489
Conc: 45.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

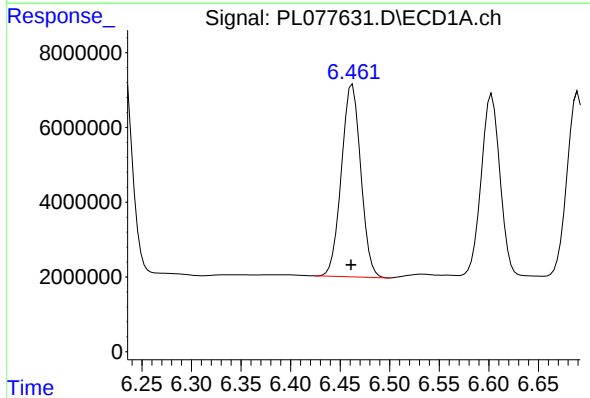
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/13/2022
Supervised By :Ankita Jodhani 09/13/2022



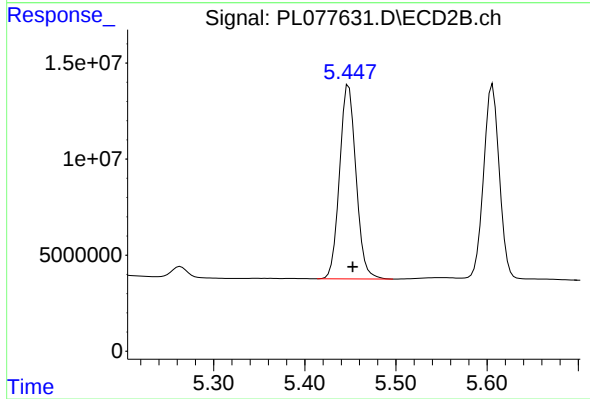
#13 Dieldrin

R.T.: 5.176 min
Delta R.T.: -0.004 min
Response: 149546907
Conc: 54.58 ng/ml



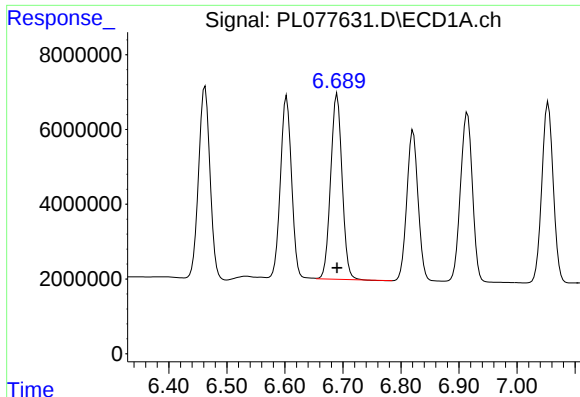
#14 Endrin

R.T.: 6.462 min
Delta R.T.: 0.001 min
Response: 69952307
Conc: 46.20 ng/ml



#14 Endrin

R.T.: 5.448 min
Delta R.T.: -0.004 min
Response: 126711156
Conc: 61.47 ng/ml



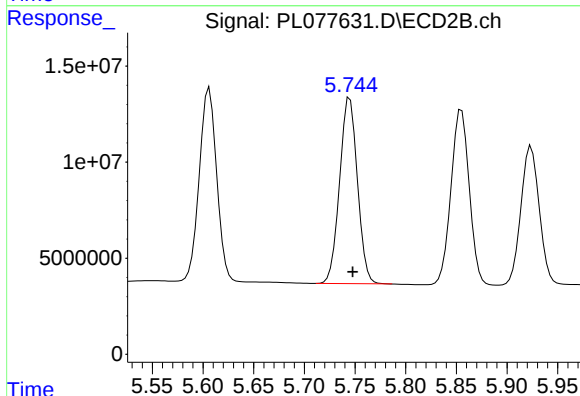
#15 Endosulfan II

R.T.: 6.690 min
Delta R.T.: 0.000 min
Response: 68007991
Conc: 41.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

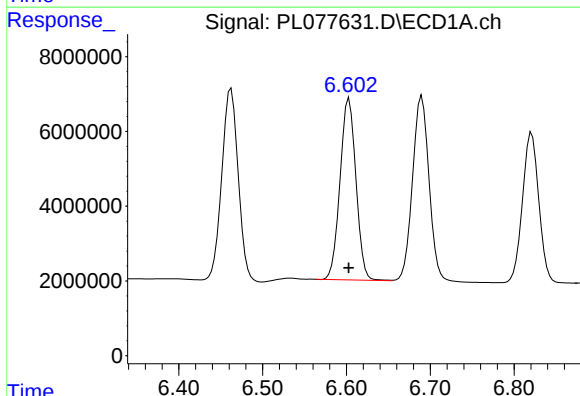
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/13/2022
Supervised By :Ankita Jodhani 09/13/2022



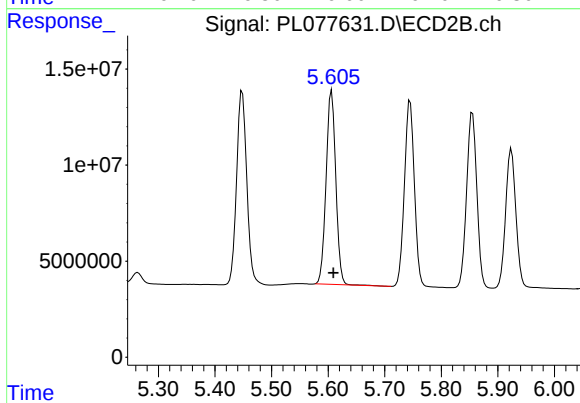
#15 Endosulfan II

R.T.: 5.745 min
Delta R.T.: -0.003 min
Response: 118318928
Conc: 50.31 ng/ml



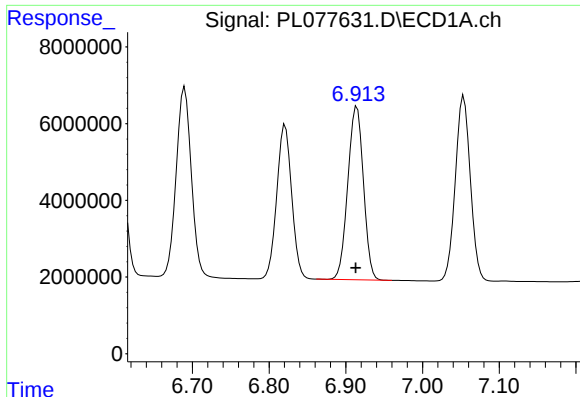
#16 4,4'-DDD

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 64134000
Conc: 48.55 ng/ml



#16 4,4'-DDD

R.T.: 5.606 min
Delta R.T.: -0.003 min
Response: 120607604
Conc: 58.56 ng/ml



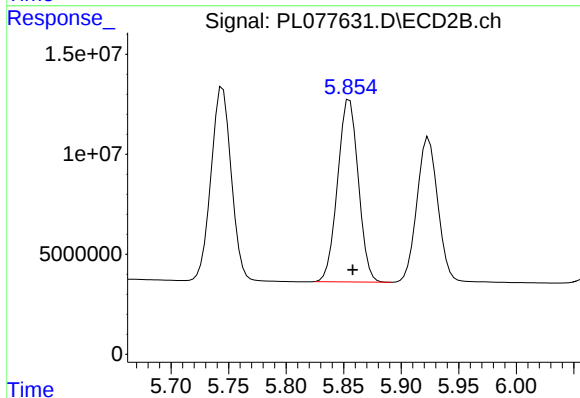
#17 4,4'-DDT

R.T.: 6.915 min
Delta R.T.: 0.001 min
Response: 64390687
Conc: 40.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

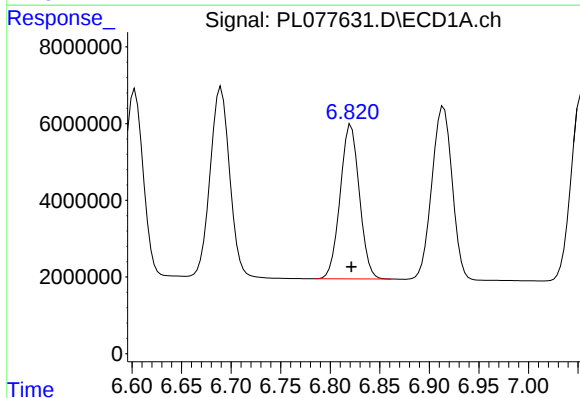
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/13/2022
Supervised By :Ankita Jodhani 09/13/2022



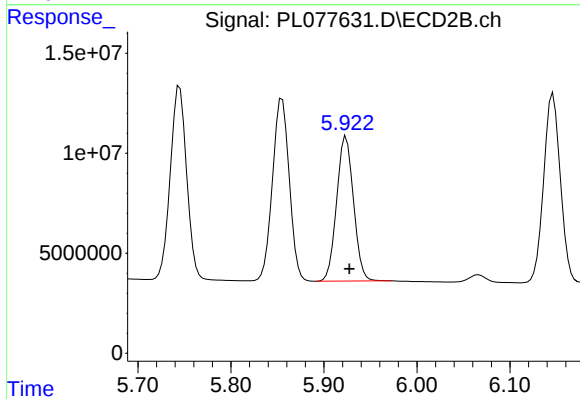
#17 4,4'-DDT

R.T.: 5.855 min
Delta R.T.: -0.003 min
Response: 114661746
Conc: 53.71 ng/ml



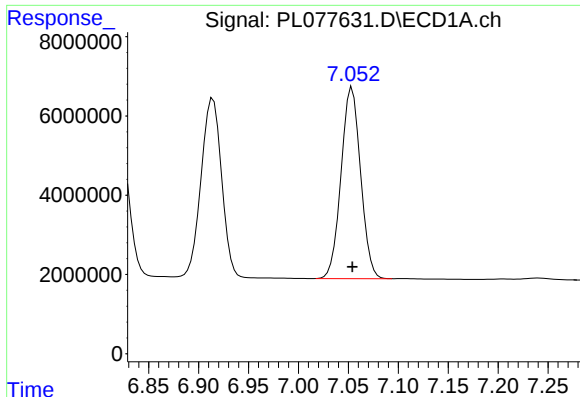
#18 Endrin aldehyde

R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 54202061
Conc: 46.46 ng/ml



#18 Endrin aldehyde

R.T.: 5.924 min
Delta R.T.: -0.004 min
Response: 91234695
Conc: 52.46 ng/ml



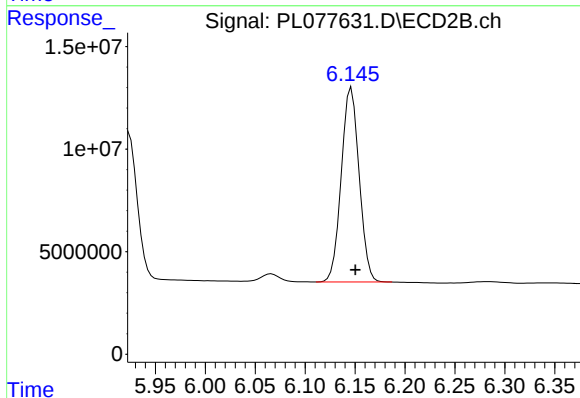
#19 Endosulfan Sulfate

R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 65702297
Conc: 44.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

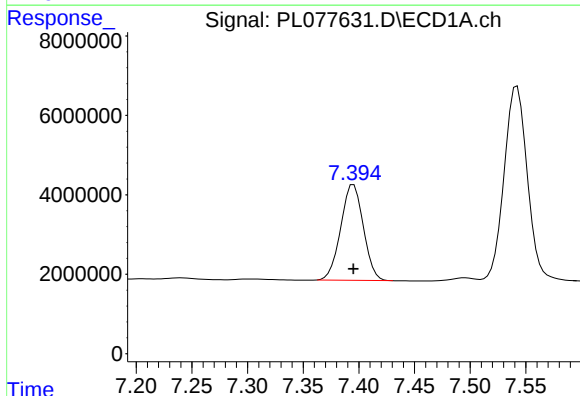
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/13/2022
Supervised By :Ankita Jodhani 09/13/2022



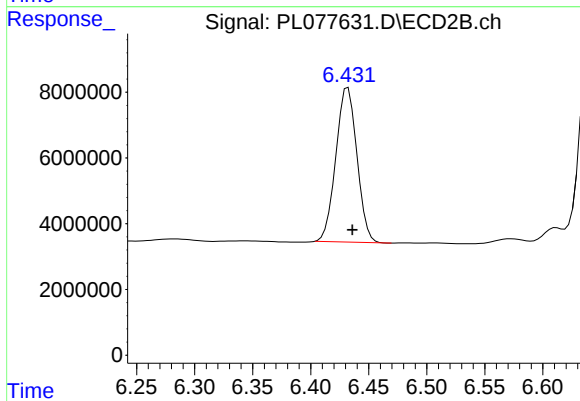
#19 Endosulfan Sulfate

R.T.: 6.146 min
Delta R.T.: -0.004 min
Response: 117963787
Conc: 53.46 ng/ml



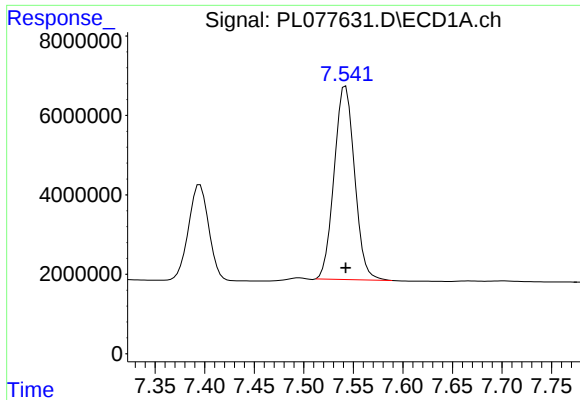
#20 Methoxychlor

R.T.: 7.395 min
Delta R.T.: 0.000 min
Response: 34124729
Conc: 43.02 ng/ml



#20 Methoxychlor

R.T.: 6.432 min
Delta R.T.: -0.004 min
Response: 59394505
Conc: 50.55 ng/ml



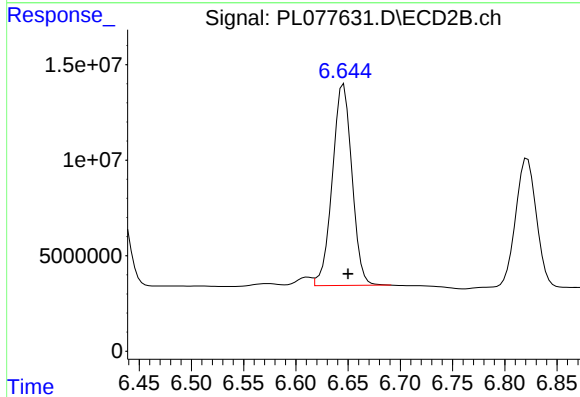
#21 Endrin ketone

R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 69776574
Conc: 45.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

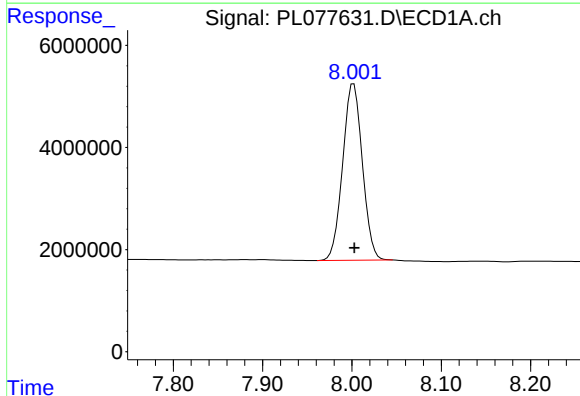
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/13/2022
Supervised By :Ankita Jodhani 09/13/2022



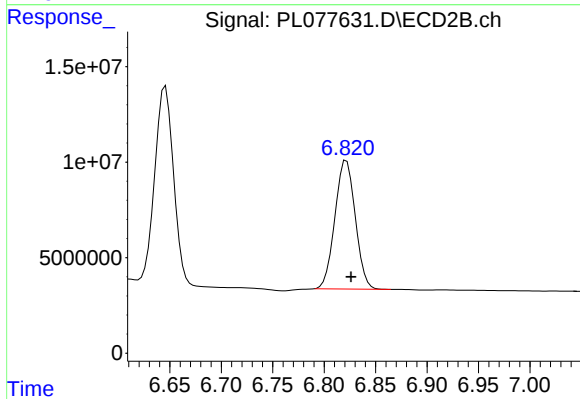
#21 Endrin ketone

R.T.: 6.646 min
Delta R.T.: -0.004 min
Response: 137585931
Conc: 56.73 ng/ml



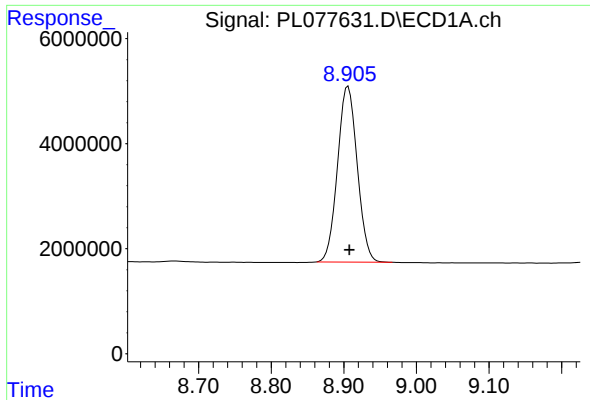
#22 Mirex

R.T.: 8.002 min
Delta R.T.: 0.000 min
Response: 52967849
Conc: 43.56 ng/ml



#22 Mirex

R.T.: 6.822 min
Delta R.T.: -0.004 min
Response: 92886558
Conc: 53.06 ng/ml



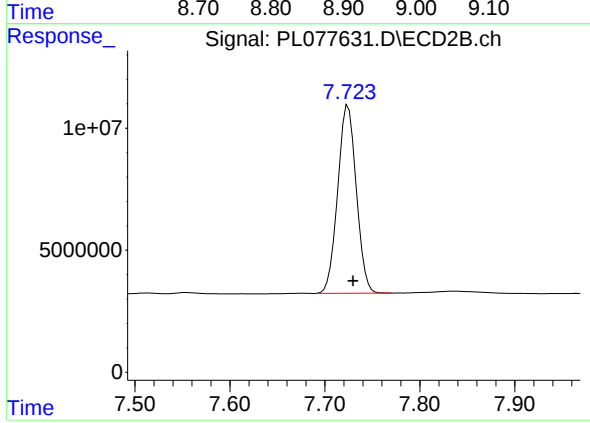
#28 Decachlorobiphenyl

R.T.: 8.906 min
Delta R.T.: -0.002 min
Response: 63153740
Conc: 42.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/13/2022
Supervised By :Ankita Jodhani 09/13/2022



#28 Decachlorobiphenyl

R.T.: 7.724 min
Delta R.T.: -0.005 min
Response: 105056919
Conc: 53.27 ng/ml