

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031324\
 Data File : PL088540.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Mar 2024 17:40
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/13/2024
 Supervised By :Ankita Jodhani 03/13/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 01:30:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 2024
 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...	3.634	2.853	139.2E6	72375614	50.682	51.604
28)	SA Decachlor...	9.304	8.083	112.7E6	69924315	58.520	54.916
Target Compounds							
2)	A alpha-BHC	4.099	3.366	214.5E6	110.4E6	51.391	53.708
3)	MA gamma-BHC...	4.438	3.704	205.5E6	106.0E6	50.748	52.915
4)	MA Heptachlor	5.038	4.052	184.2E6	92584367	47.853	50.821
5)	MB Aldrin	5.385	4.337	192.7E6	100.5E6	50.475	51.815
6)	B beta-BHC	4.635	4.005	90041293	45947728	51.699	51.622
7)	B delta-BHC	4.887	4.240	209.8E6	107.3E6	55.129	53.802
8)	B Heptachlo...	5.817	4.848	175.8E6	90458139	50.185	52.144
9)	A Endosulfan I	6.208	5.224	155.7E6	83128188	49.735	51.662
10)	B gamma-Chl...	6.077	5.103	170.4E6	92432510	50.143	51.818
11)	B alpha-Chl...	6.157	5.168	170.8E6	91586342	50.058	51.411
12)	B 4,4'-DDE	6.331	5.361	153.1E6	83017428	50.497	52.232
13)	MA Dieldrin	6.487	5.493	167.0E6	90210557	50.782	52.285
14)	MA Endrin	6.719	5.773	130.3E6	74721672	50.113	49.976
15)	B Endosulfa...	6.941	6.070	143.3E6	78270849	50.020	51.378
16)	A 4,4'-DDD	6.854	5.923	130.5E6	72165815	50.307	52.821
17)	MA 4,4'-DDT	7.173	6.178	111.9E6	62656955	42.549	45.895
18)	B Endrin al...	7.072	6.253	104.7E6	58482305	50.635	53.547
19)	B Endosulfa...	7.309	6.478	136.7E6	76229145	52.466	54.277
20)	A Methoxychlor	7.654	6.762	58609752	35247238	44.277	44.972
21)	B Endrin ke...	7.801	6.992	149.6E6	91190900	53.417	54.468
22)	Mirex	8.282	7.176	114.4E6	70873845	49.350	54.097m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031324\
Data File : PL088540.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2024 17:40
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

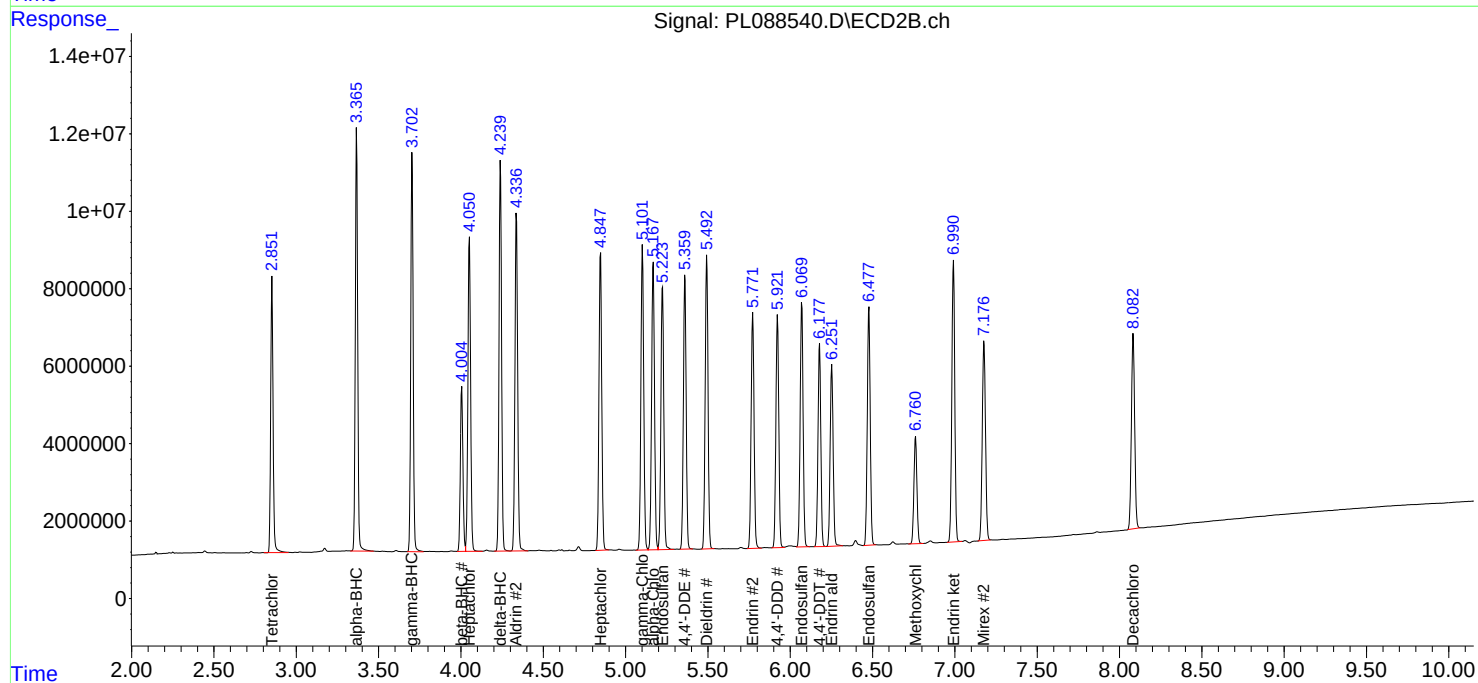
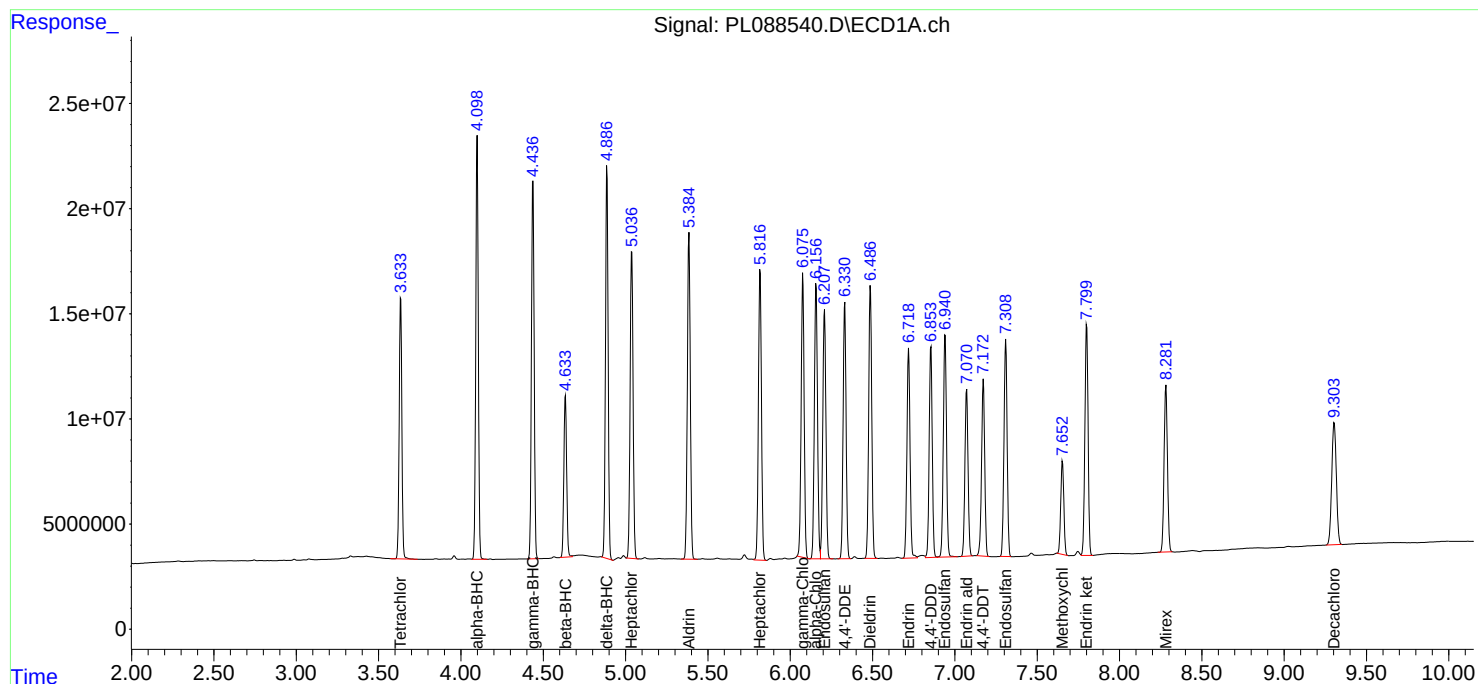
APPROVED

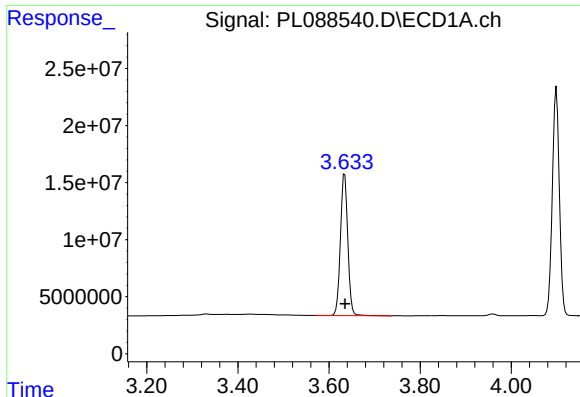
Reviewed By :Abdul Mirza 03/13/2024

Supervised By :Ankita Jodhani 03/13/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 01:30:01 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
Quant Title : GC Extractables
QLast Update : Fri Feb 16 21:46:54 2024
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





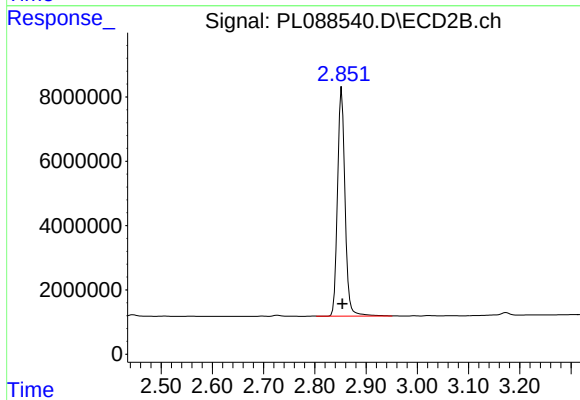
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 139208887
Conc: 50.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

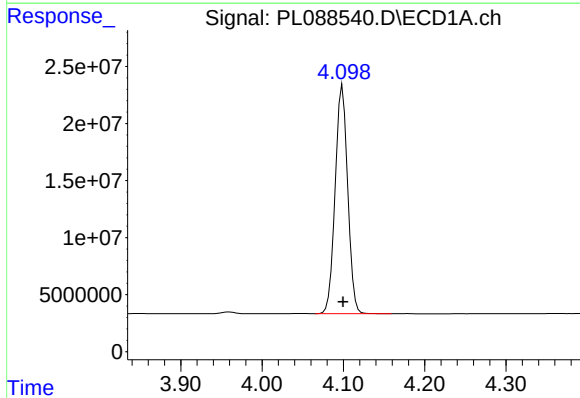
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/13/2024
Supervised By :Ankita Jodhani 03/13/2024



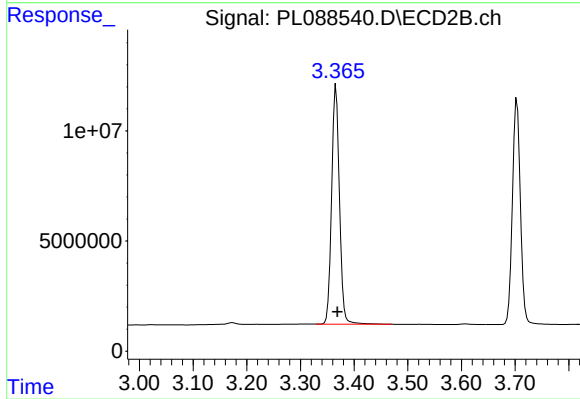
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: -0.001 min
Response: 72375614
Conc: 51.60 ng/ml



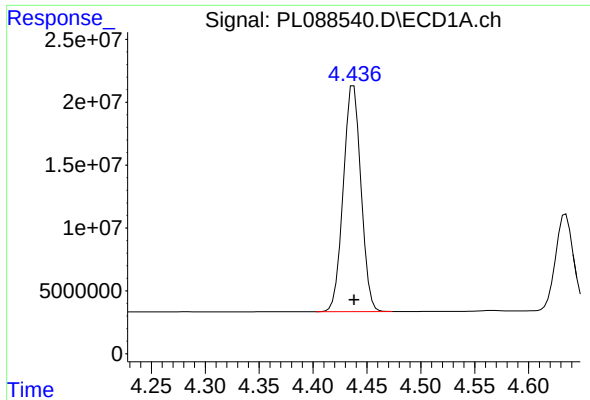
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 214518142
Conc: 51.39 ng/ml



#2 alpha-BHC

R.T.: 3.366 min
Delta R.T.: -0.002 min
Response: 110361484
Conc: 53.71 ng/ml



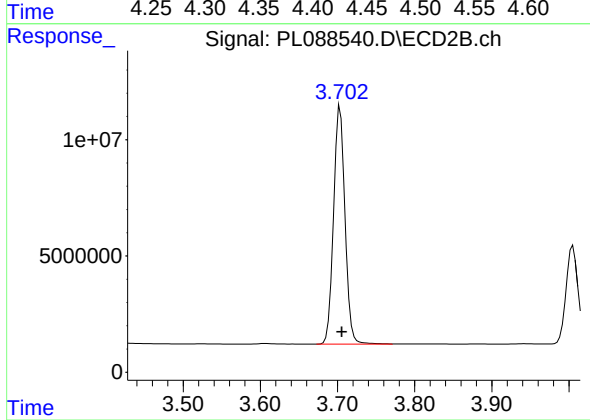
#3 gamma-BHC (Lindane)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 205505330
Conc: 50.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

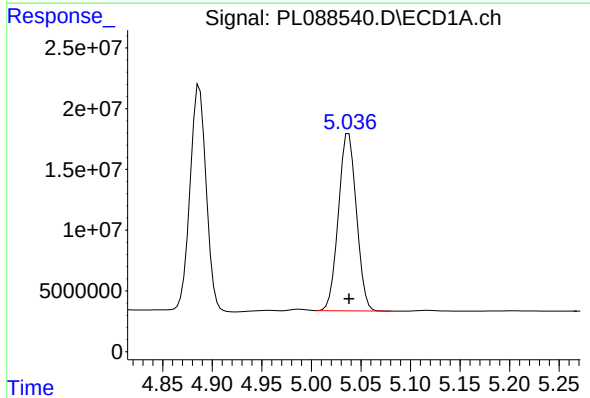
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/13/2024
Supervised By :Ankita Jodhani 03/13/2024



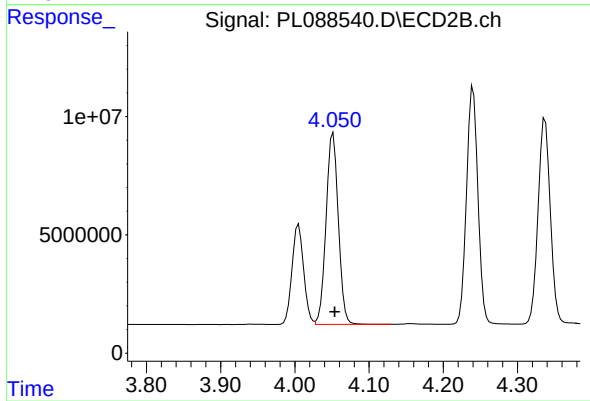
#3 gamma-BHC (Lindane)

R.T.: 3.704 min
Delta R.T.: -0.002 min
Response: 105962919
Conc: 52.91 ng/ml



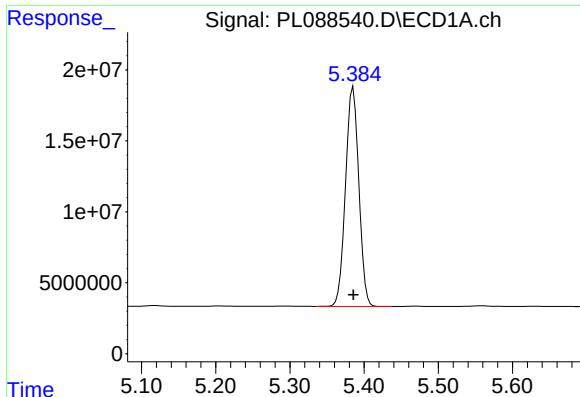
#4 Heptachlor

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 184151735
Conc: 47.85 ng/ml



#4 Heptachlor

R.T.: 4.052 min
Delta R.T.: -0.002 min
Response: 92584367
Conc: 50.82 ng/ml



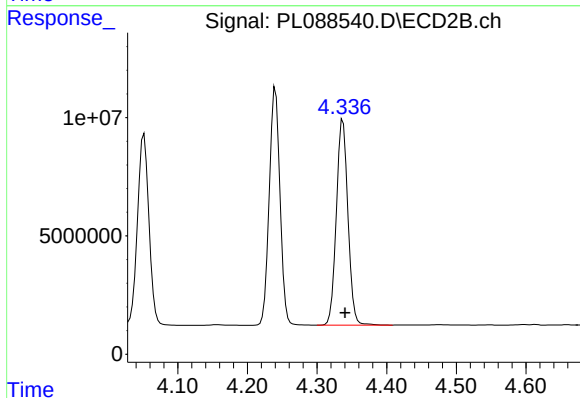
#5 Aldrin

R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 192732228
Conc: 50.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

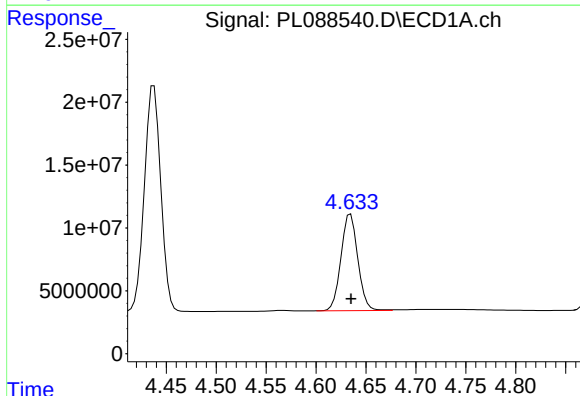
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/13/2024
Supervised By :Ankita Jodhani 03/13/2024



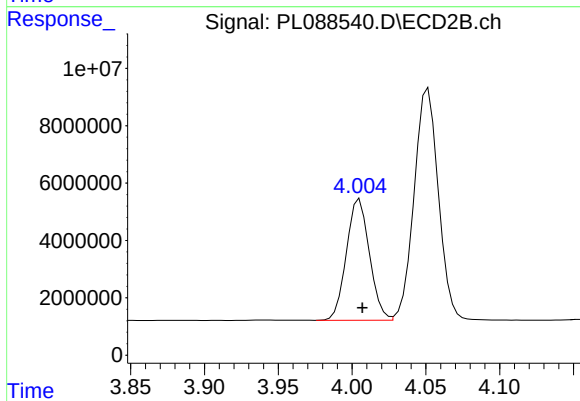
#5 Aldrin

R.T.: 4.337 min
Delta R.T.: -0.003 min
Response: 100493776
Conc: 51.82 ng/ml



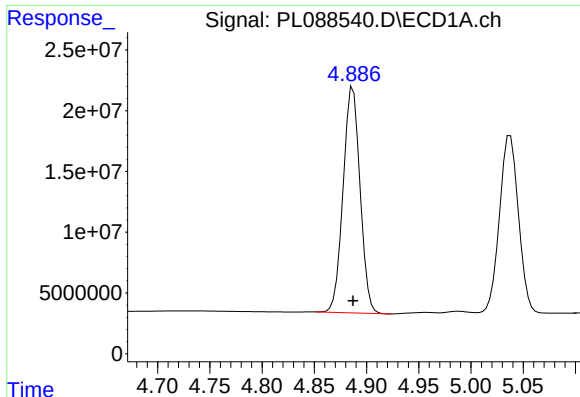
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 90041293
Conc: 51.70 ng/ml



#6 beta-BHC

R.T.: 4.005 min
Delta R.T.: -0.002 min
Response: 45947728
Conc: 51.62 ng/ml



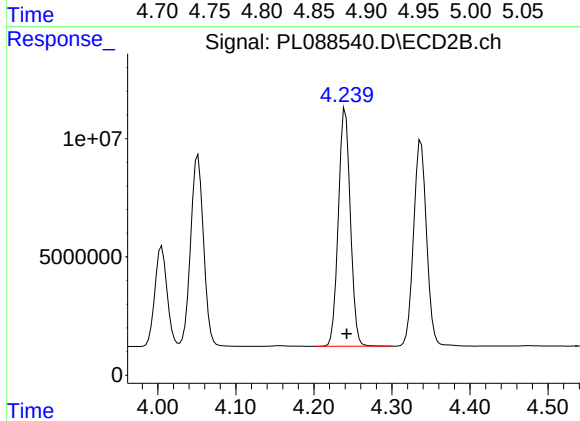
#7 delta-BHC

R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 209751235
Conc: 55.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

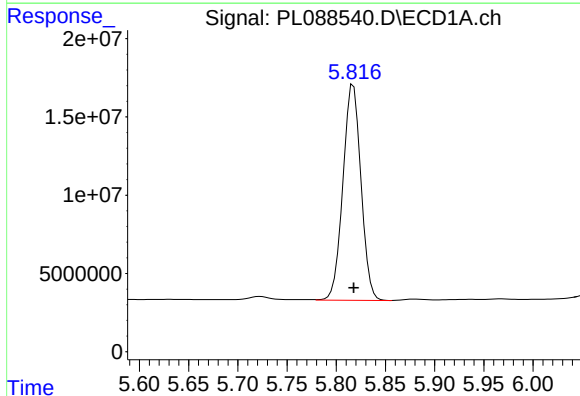
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/13/2024
Supervised By :Ankita Jodhani 03/13/2024



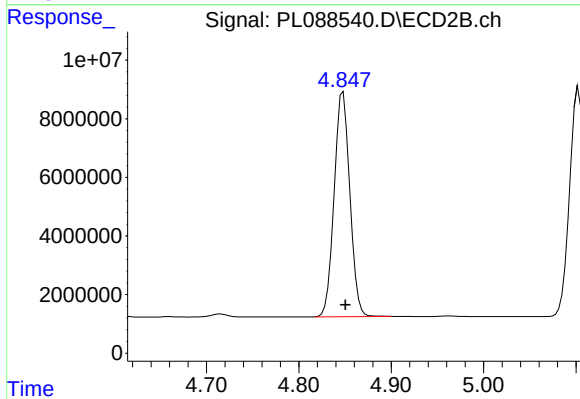
#7 delta-BHC

R.T.: 4.240 min
Delta R.T.: -0.002 min
Response: 107323821
Conc: 53.80 ng/ml



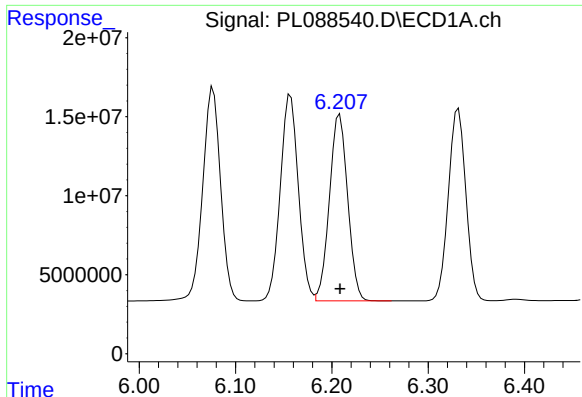
#8 Heptachlor epoxide

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 175828835
Conc: 50.18 ng/ml



#8 Heptachlor epoxide

R.T.: 4.848 min
Delta R.T.: -0.003 min
Response: 90458139
Conc: 52.14 ng/ml



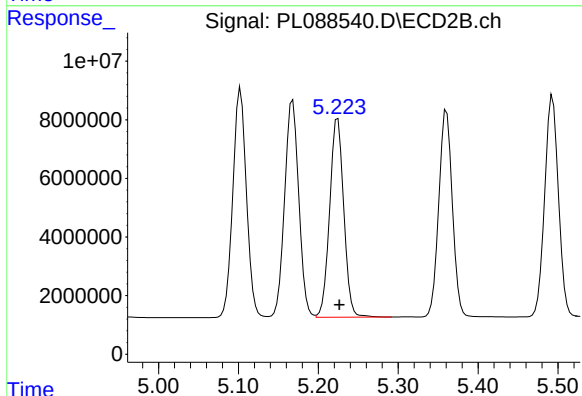
#9 Endosulfan I

R.T.: 6.208 min
Delta R.T.: 0.000 min
Response: 155664188
Conc: 49.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

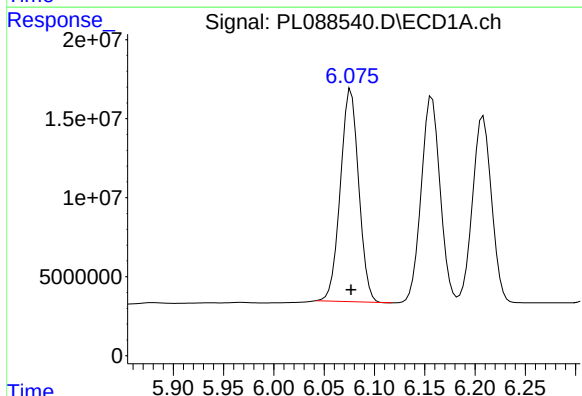
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/13/2024
Supervised By :Ankita Jodhani 03/13/2024



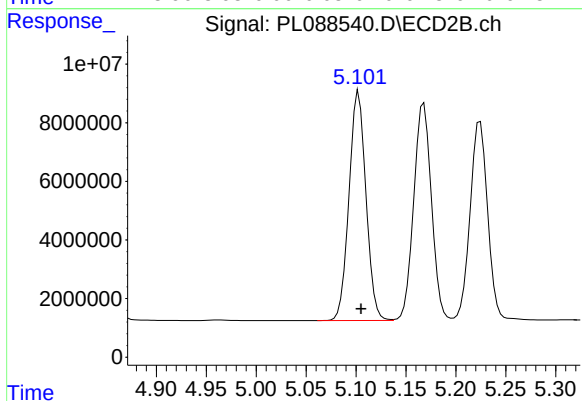
#9 Endosulfan I

R.T.: 5.224 min
Delta R.T.: -0.002 min
Response: 83128188
Conc: 51.66 ng/ml



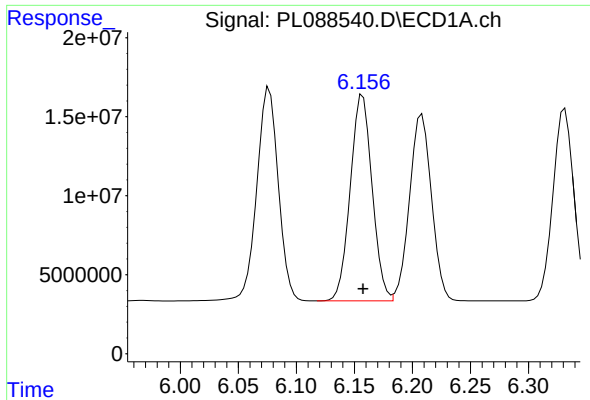
#10 gamma-Chlordane

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 170403839
Conc: 50.14 ng/ml



#10 gamma-Chlordane

R.T.: 5.103 min
Delta R.T.: -0.002 min
Response: 92432510
Conc: 51.82 ng/ml



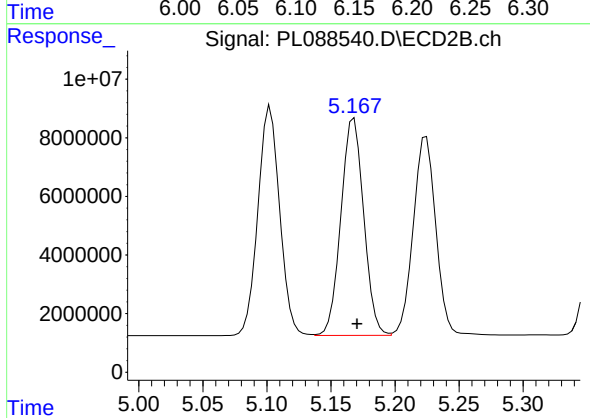
#11 alpha-Chlordane

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 170834893
Conc: 50.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

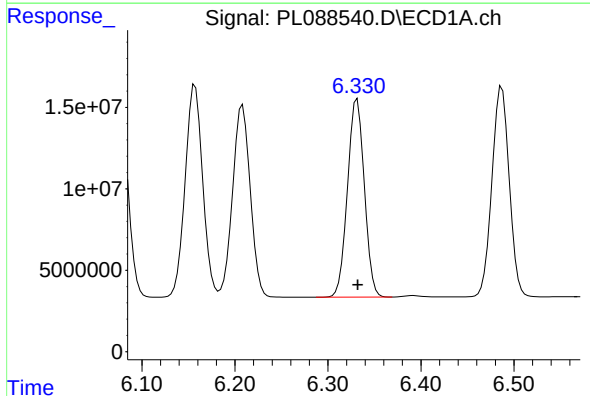
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/13/2024
Supervised By :Ankita Jodhani 03/13/2024



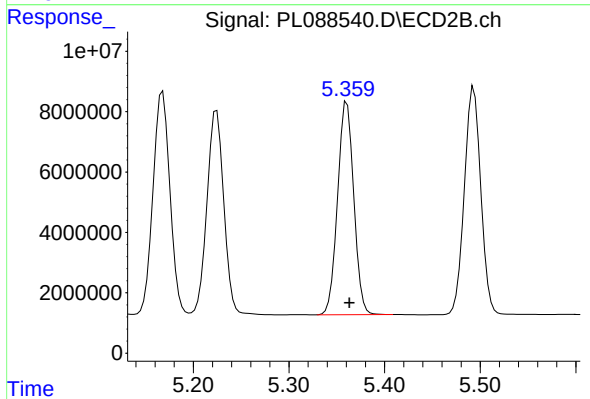
#11 alpha-Chlordane

R.T.: 5.168 min
Delta R.T.: -0.002 min
Response: 91586342
Conc: 51.41 ng/ml



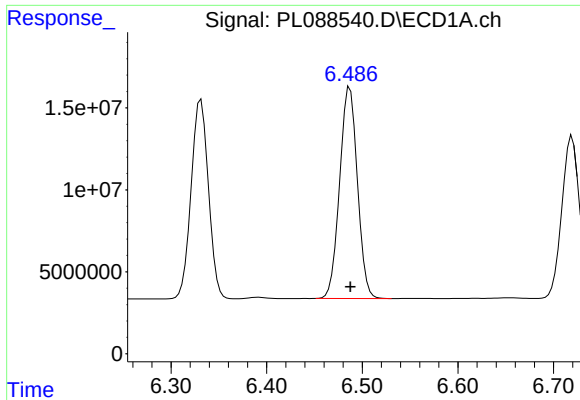
#12 4,4'-DDE

R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 153148723
Conc: 50.50 ng/ml



#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: -0.003 min
Response: 83017428
Conc: 52.23 ng/ml



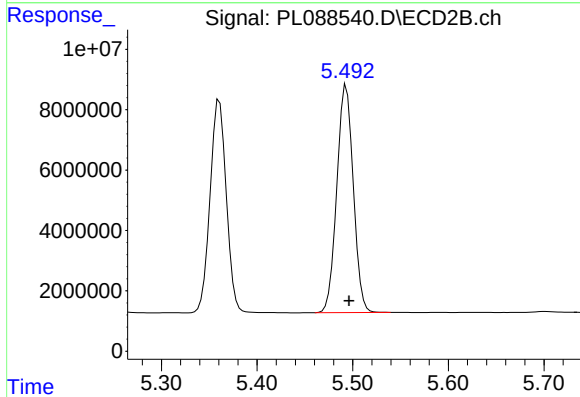
#13 Dieldrin

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 166977377
Conc: 50.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

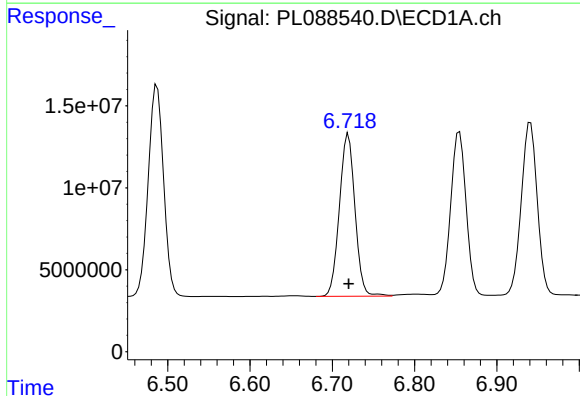
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/13/2024
Supervised By :Ankita Jodhani 03/13/2024



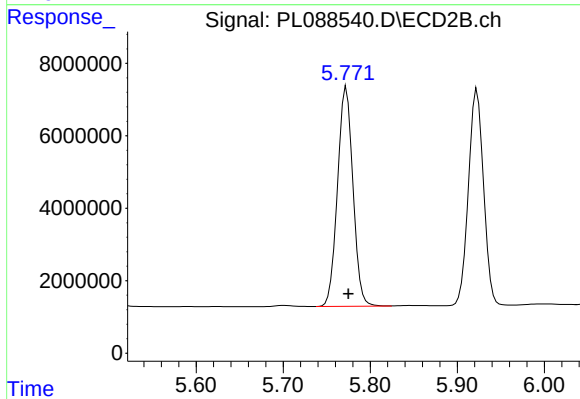
#13 Dieldrin

R.T.: 5.493 min
Delta R.T.: -0.003 min
Response: 90210557
Conc: 52.28 ng/ml



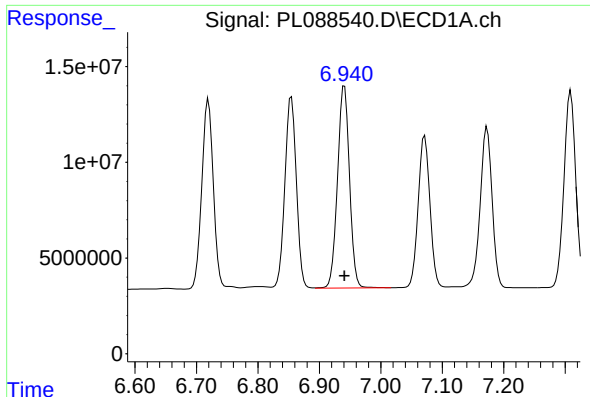
#14 Endrin

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 130323937
Conc: 50.11 ng/ml



#14 Endrin

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 74721672
Conc: 49.98 ng/ml



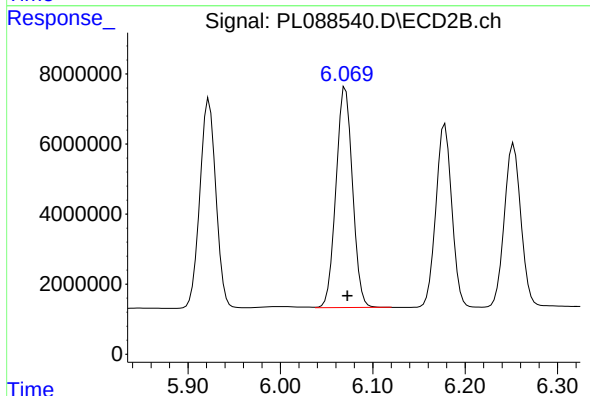
#15 Endosulfan II

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 143253922
Conc: 50.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

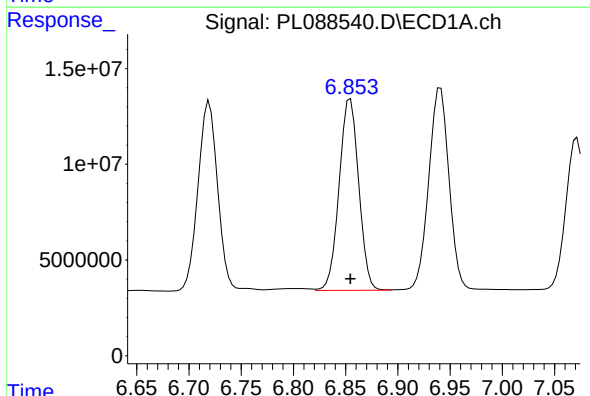
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/13/2024
Supervised By :Ankita Jodhani 03/13/2024



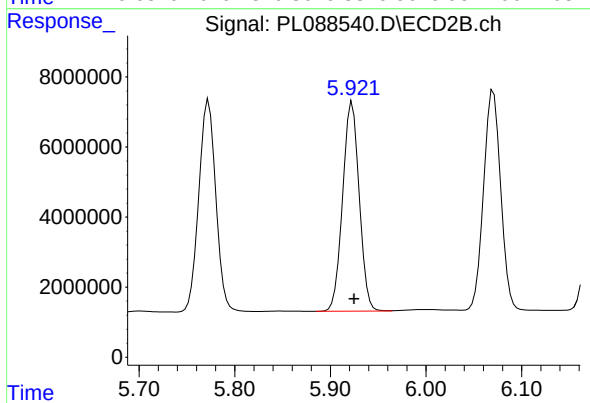
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 78270849
Conc: 51.38 ng/ml



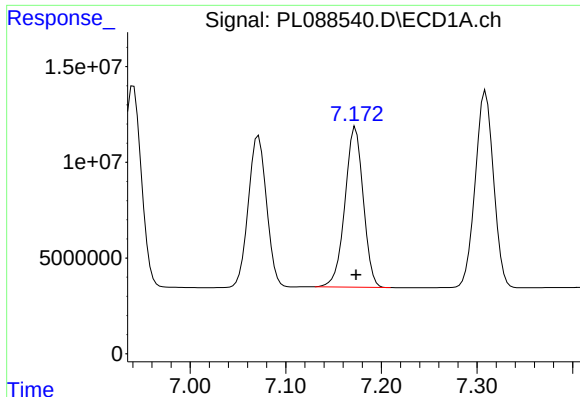
#16 4,4'-DDD

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 130481817
Conc: 50.31 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 72165815
Conc: 52.82 ng/ml



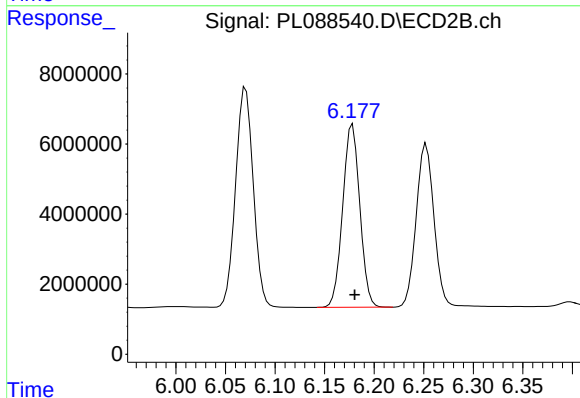
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 111870494
Conc: 42.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

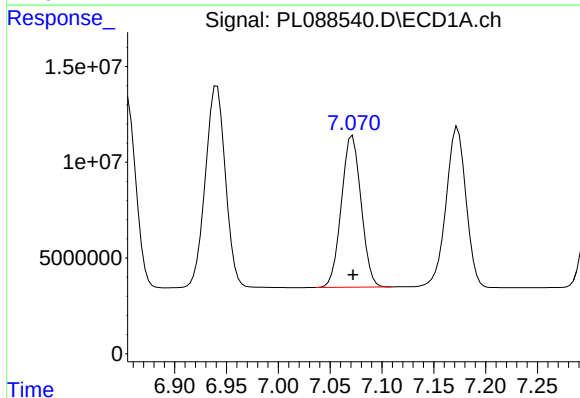
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/13/2024
Supervised By :Ankita Jodhani 03/13/2024



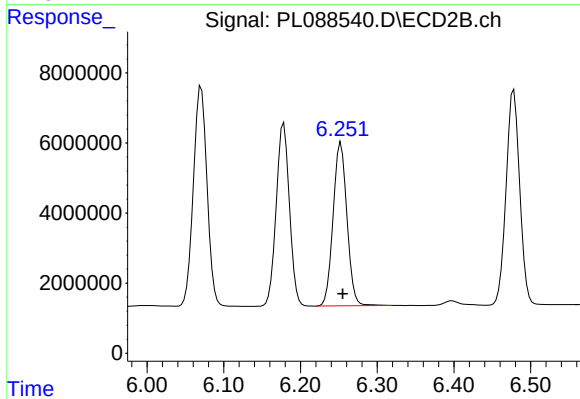
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.002 min
Response: 62656955
Conc: 45.89 ng/ml



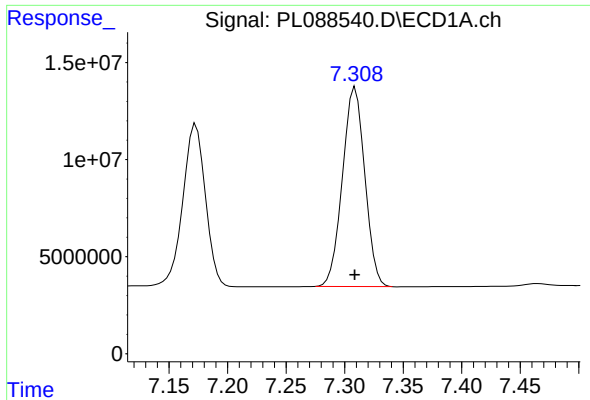
#18 Endrin aldehyde

R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 104696272
Conc: 50.63 ng/ml



#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: -0.002 min
Response: 58482305
Conc: 53.55 ng/ml



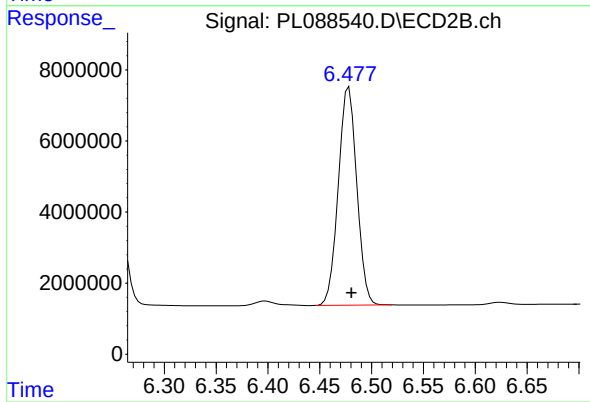
#19 Endosulfan Sulfate

R.T.: 7.309 min
Delta R.T.: 0.000 min
Response: 136683636
Conc: 52.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

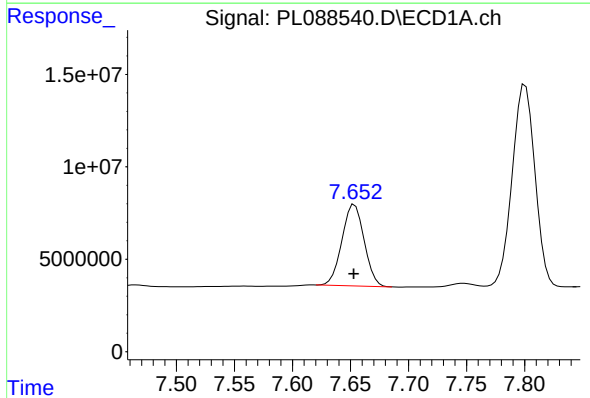
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/13/2024
Supervised By :Ankita Jodhani 03/13/2024



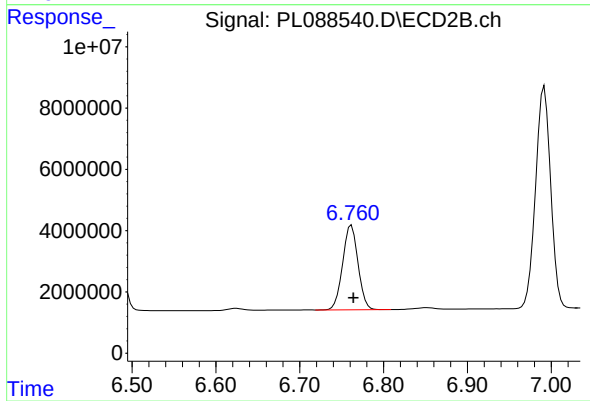
#19 Endosulfan Sulfate

R.T.: 6.478 min
Delta R.T.: -0.002 min
Response: 76229145
Conc: 54.28 ng/ml



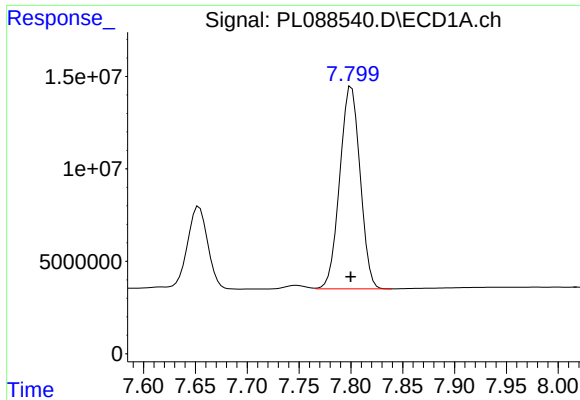
#20 Methoxychlor

R.T.: 7.654 min
Delta R.T.: 0.000 min
Response: 58609752
Conc: 44.28 ng/ml



#20 Methoxychlor

R.T.: 6.762 min
Delta R.T.: -0.002 min
Response: 35247238
Conc: 44.97 ng/ml



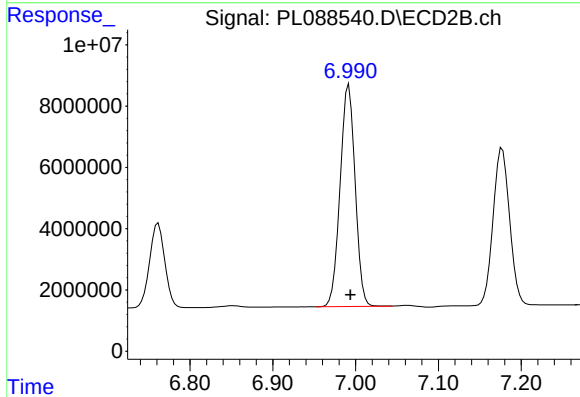
#21 Endrin ketone

R.T.: 7.801 min
Delta R.T.: 0.000 min
Response: 149630726
Conc: 53.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

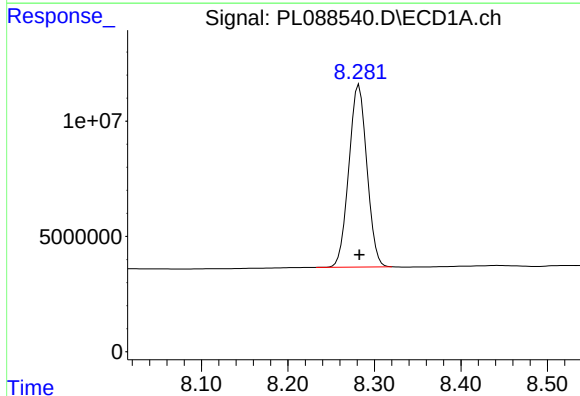
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/13/2024
Supervised By :Ankita Jodhani 03/13/2024



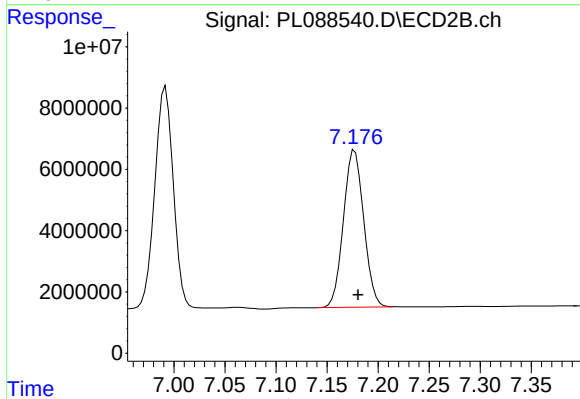
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: -0.002 min
Response: 91190900
Conc: 54.47 ng/ml



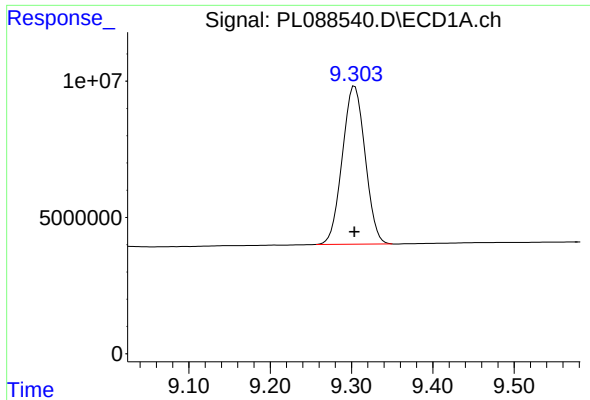
#22 Mirex

R.T.: 8.282 min
Delta R.T.: 0.000 min
Response: 114353248
Conc: 49.35 ng/ml



#22 Mirex

R.T.: 7.176 min
Delta R.T.: -0.005 min
Response: 70873845
Conc: 54.10 ng/ml m



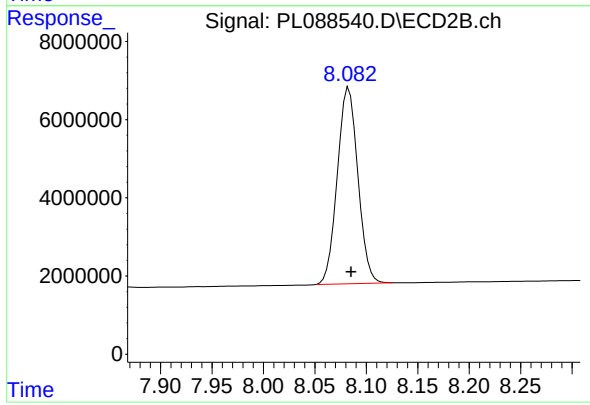
#28 Decachlorobiphenyl

R.T.: 9.304 min
Delta R.T.: 0.000 min
Response: 112704781
Conc: 58.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/13/2024
Supervised By :Ankita Jodhani 03/13/2024



#28 Decachlorobiphenyl

R.T.: 8.083 min
Delta R.T.: -0.002 min
Response: 69924315
Conc: 54.92 ng/ml