

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032124\
 Data File : PL088708.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2024 13:15
 Operator : AR\AJ
 Sample : PB159702BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB159702BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/22/2024
 Supervised By :Ankita Jodhani 03/22/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 23:16:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 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...	3.637	2.853	51541730	24219255	19.450	18.173
28)	SA Decachlor...	9.307	8.082	44409621	25449431	17.966	18.769
Target Compounds							
2)	A alpha-BHC	4.102	3.367	183.7E6	85803155	46.015	42.700
3)	MA gamma-BHC...	4.440	3.704	174.1E6	81510031	44.903	42.473
4)	MA Heptachlor	5.041	4.052	173.9E6	78881282	45.799	43.830
5)	MB Aldrin	5.388	4.338	163.6E6	77127448	44.654	42.681
6)	B beta-BHC	4.638	4.006	80787824	36634495	45.554	42.735
7)	B delta-BHC	4.890	4.241	169.8E6	77742877	42.151	40.638
8)	B Heptachlo...	5.820	4.848	156.8E6	71377621	45.658	43.404
9)	A Endosulfan I	6.210	5.225	140.7E6	66751111	46.041	44.405
10)	B gamma-Chl...	6.078	5.103	159.2E6	74455561	47.805	44.952
11)	B alpha-Chl...	6.159	5.168	155.7E6	74148009	46.826	44.669
12)	B 4,4'-DDE	6.334	5.361	136.5E6	67084992	45.679	45.993
13)	MA Dieldrin	6.489	5.494	148.6E6	72189995	45.812	44.448
14)	MA Endrin	6.721	5.773	112.9E6	59344143	41.290	41.170
15)	B Endosulfa...	6.942	6.071	130.1E6	64468187	45.407	44.835
16)	A 4,4'-DDD	6.856	5.923	118.9E6	59425909	46.673	47.717
17)	MA 4,4'-DDT	7.175	6.178	113.0E6	56373528	42.412	42.001
18)	B Endrin al...	7.072	6.253	100.8E6	50917825	48.295m	48.588
19)	B Endosulfa...	7.311	6.479	123.8E6	62681254	44.816	45.178
20)	A Methoxychlor	7.656	6.762	59172482	32232543	39.278	40.187
21)	B Endrin ke...	7.802	6.992	137.9E6	77415770	46.637	46.899
22)	Mirex	8.284	7.178	106.6E6	60134473	45.453	44.596

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032124\
Data File : PL088708.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Mar 2024 13:15
Operator : AR\AJ
Sample : PB159702BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB159702BS

Manual Integrations

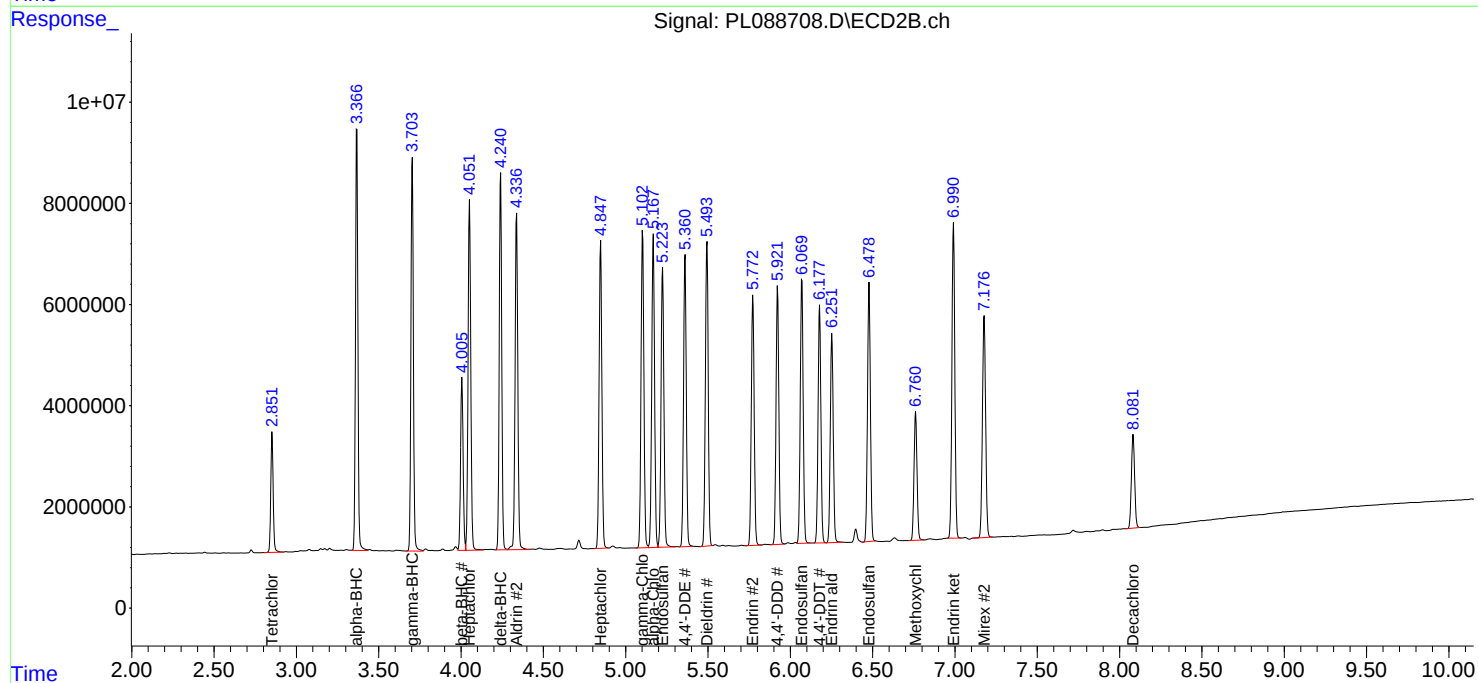
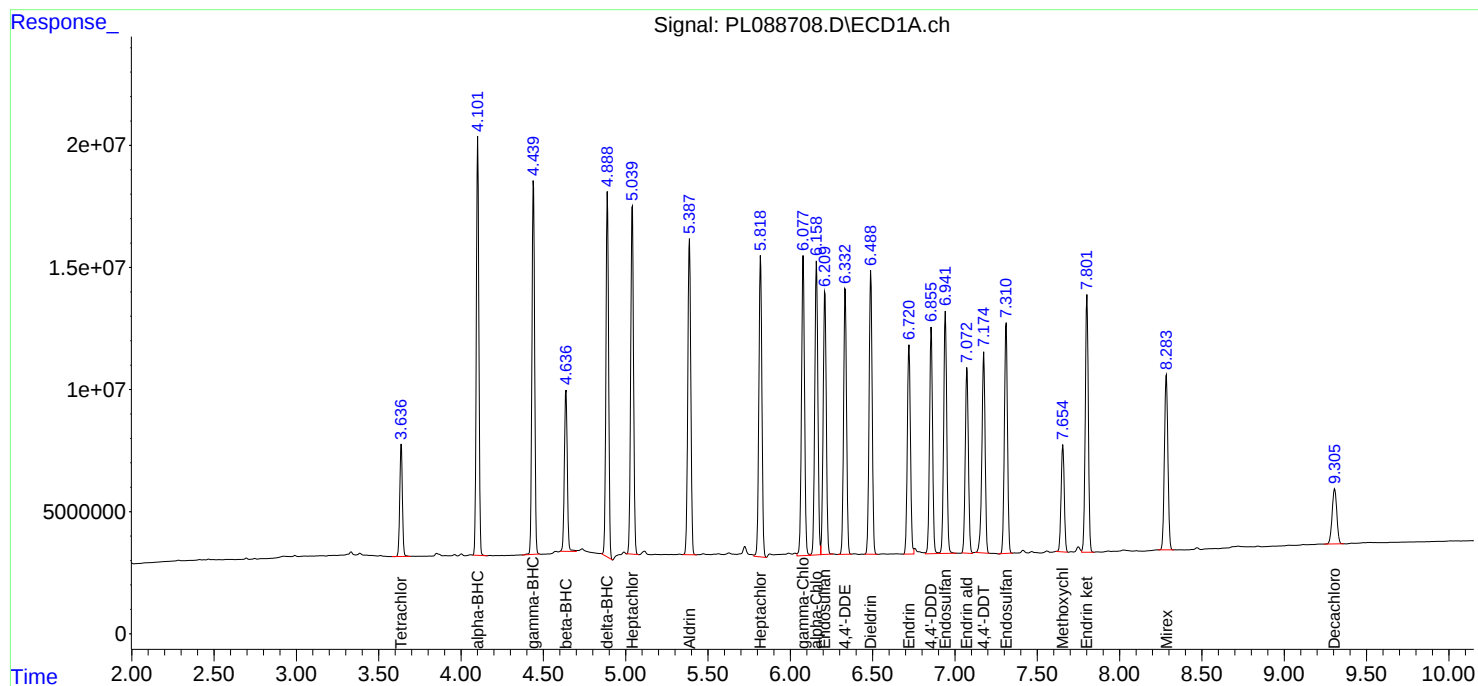
APPROVED

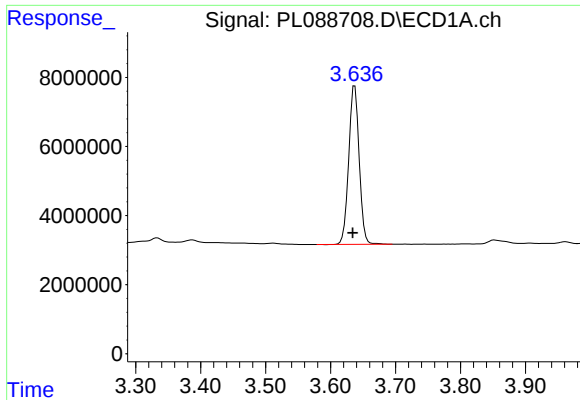
Reviewed By :Abdul Mirza 03/22/2024

Supervised By :Ankita Jodhani 03/22/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 21 23:16:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
Quant Title : GC Extractables
QLast Update : Wed Mar 13 15:45:55 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





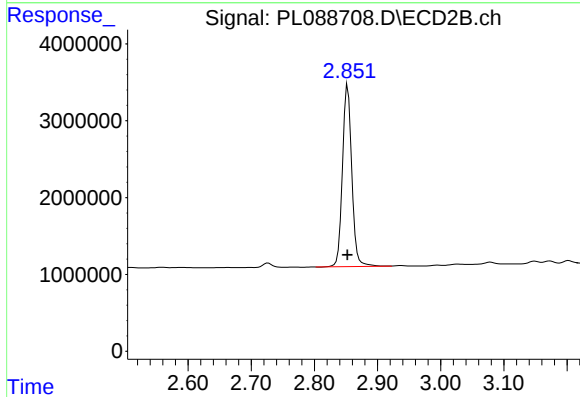
#1 Tetrachloro-m-xylene

R.T.: 3.637 min
Delta R.T.: 0.003 min
Response: 51541730
Conc: 19.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159702BS

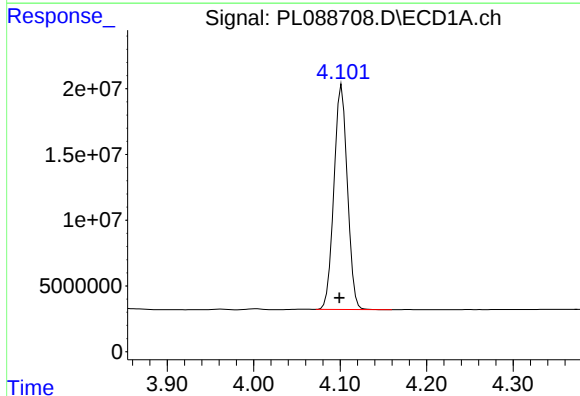
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/22/2024
Supervised By :Ankita Jodhani 03/22/2024



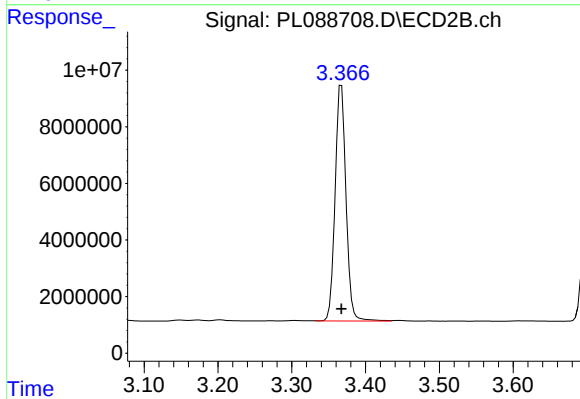
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: 0.000 min
Response: 24219255
Conc: 18.17 ng/ml



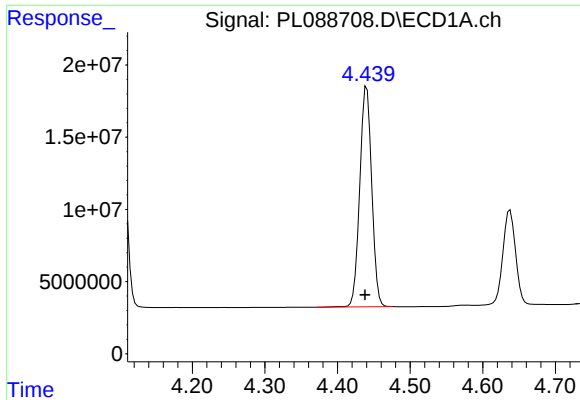
#2 alpha-BHC

R.T.: 4.102 min
Delta R.T.: 0.003 min
Response: 183677356
Conc: 46.01 ng/ml



#2 alpha-BHC

R.T.: 3.367 min
Delta R.T.: 0.000 min
Response: 85803155
Conc: 42.70 ng/ml



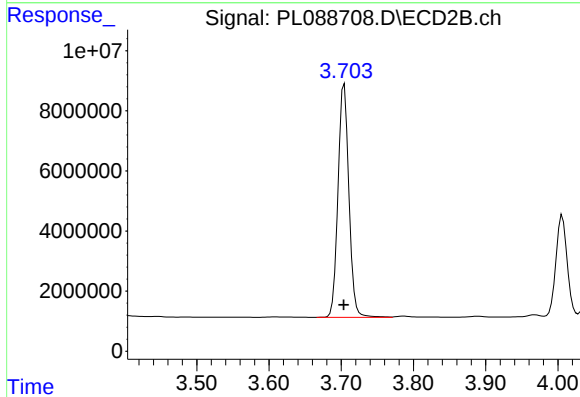
#3 gamma-BHC (Lindane)

R.T.: 4.440 min
Delta R.T.: 0.002 min
Response: 174144956
Conc: 44.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159702BS

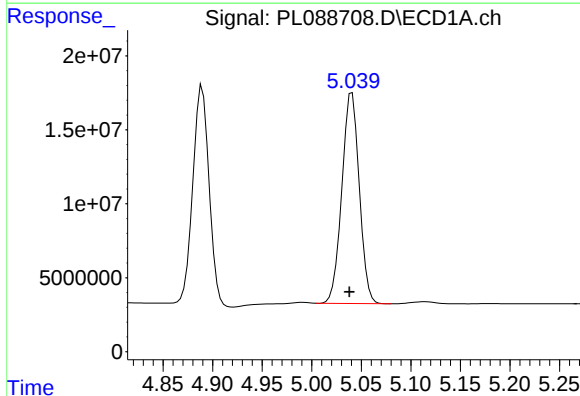
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/22/2024
Supervised By :Ankita Jodhani 03/22/2024



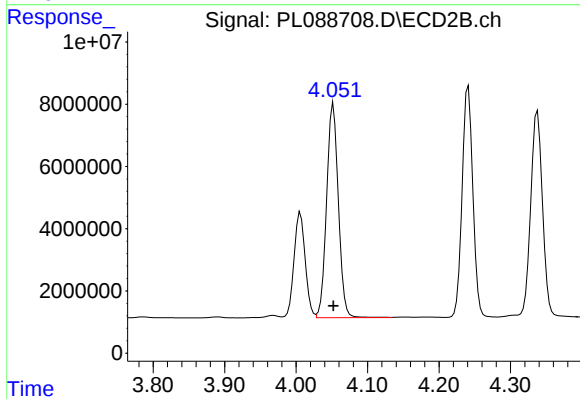
#3 gamma-BHC (Lindane)

R.T.: 3.704 min
Delta R.T.: 0.000 min
Response: 81510031
Conc: 42.47 ng/ml



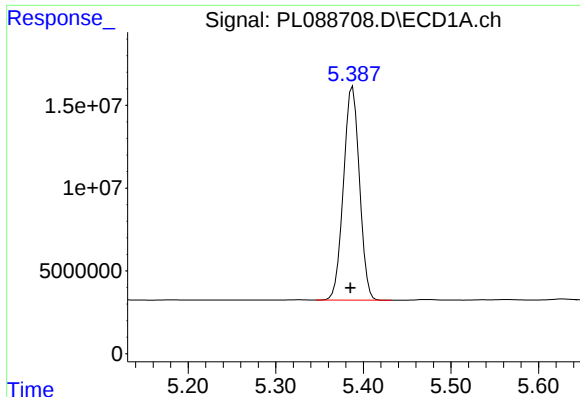
#4 Heptachlor

R.T.: 5.041 min
Delta R.T.: 0.003 min
Response: 173918220
Conc: 45.80 ng/ml



#4 Heptachlor

R.T.: 4.052 min
Delta R.T.: 0.000 min
Response: 78881282
Conc: 43.83 ng/ml



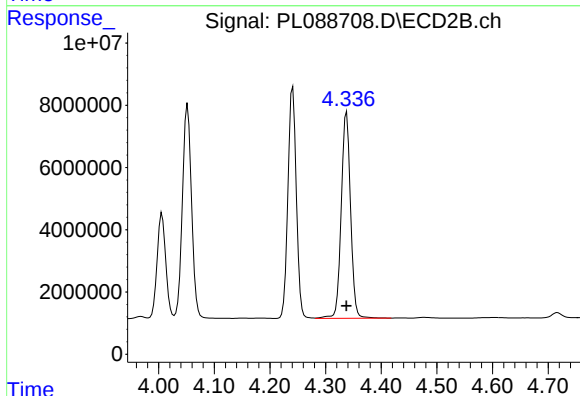
#5 Aldrin

R.T.: 5.388 min
Delta R.T.: 0.003 min
Response: 163632402
Conc: 44.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159702BS

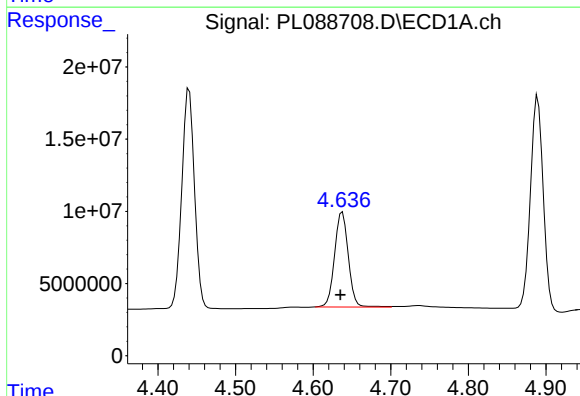
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/22/2024
Supervised By :Ankita Jodhani 03/22/2024



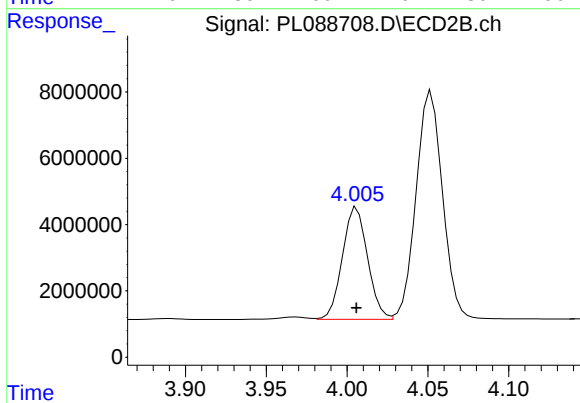
#5 Aldrin

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 77127448
Conc: 42.68 ng/ml



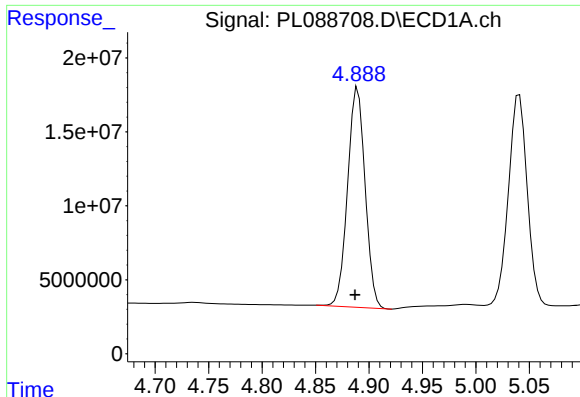
#6 beta-BHC

R.T.: 4.638 min
Delta R.T.: 0.003 min
Response: 80787824
Conc: 45.55 ng/ml



#6 beta-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 36634495
Conc: 42.74 ng/ml



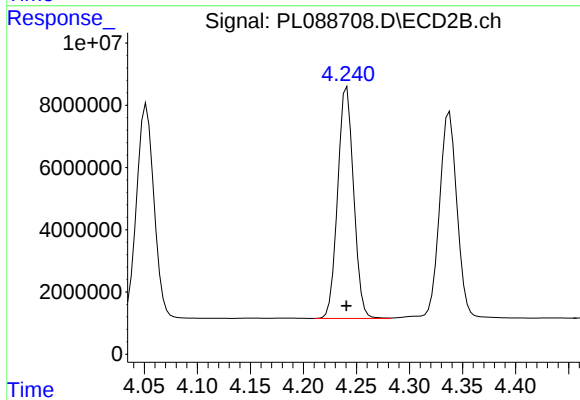
#7 delta-BHC

R.T.: 4.890 min
Delta R.T.: 0.003 min
Response: 169791537
Conc: 42.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159702BS

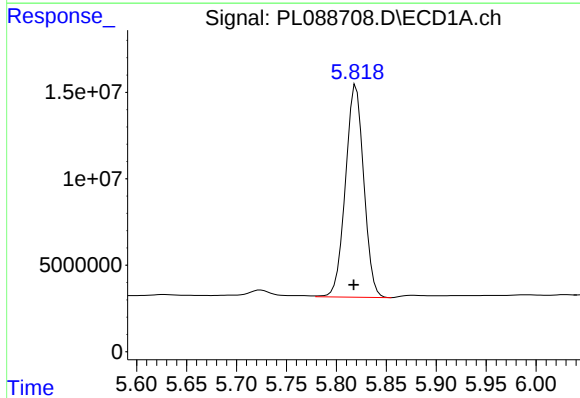
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/22/2024
Supervised By :Ankita Jodhani 03/22/2024



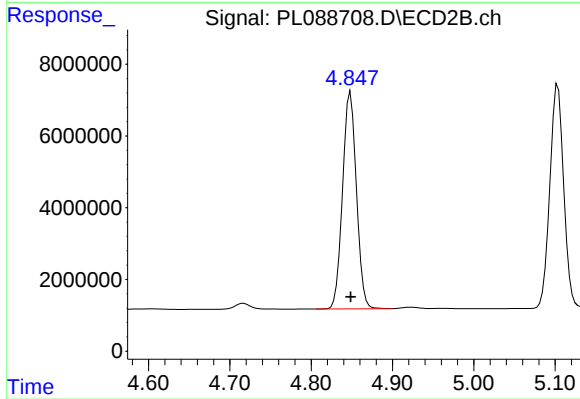
#7 delta-BHC

R.T.: 4.241 min
Delta R.T.: 0.000 min
Response: 77742877
Conc: 40.64 ng/ml



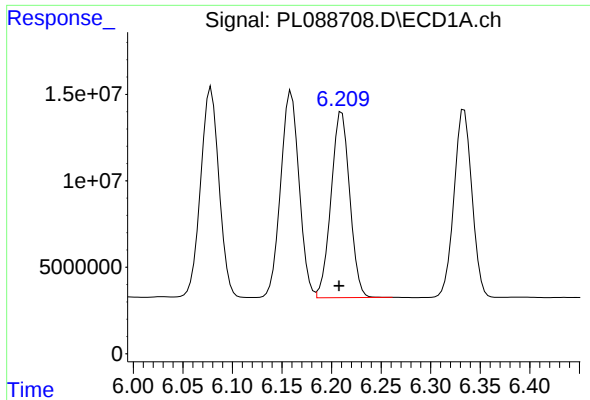
#8 Heptachlor epoxide

R.T.: 5.820 min
Delta R.T.: 0.002 min
Response: 156835491
Conc: 45.66 ng/ml



#8 Heptachlor epoxide

R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 71377621
Conc: 43.40 ng/ml



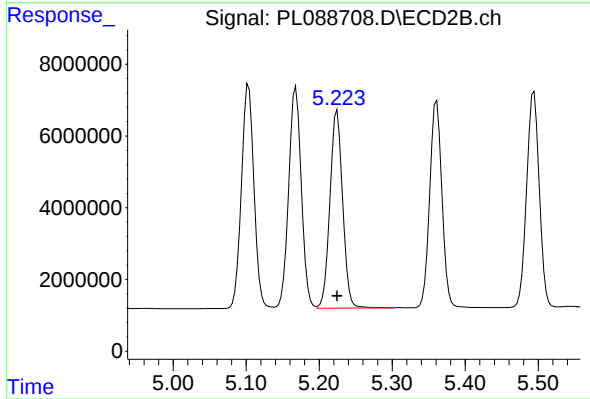
#9 Endosulfan I

R.T.: 6.210 min
Delta R.T.: 0.003 min
Response: 140722333
Conc: 46.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159702BS

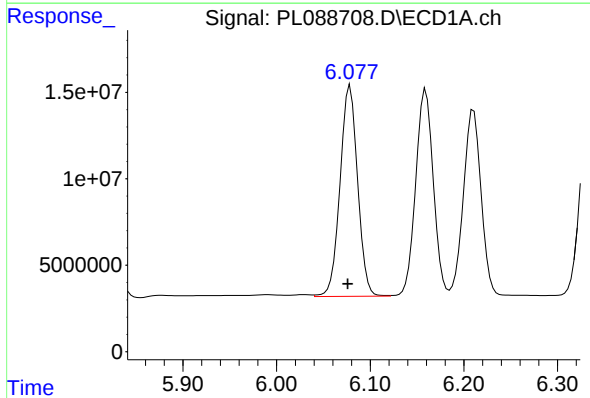
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/22/2024
Supervised By :Ankita Jodhani 03/22/2024



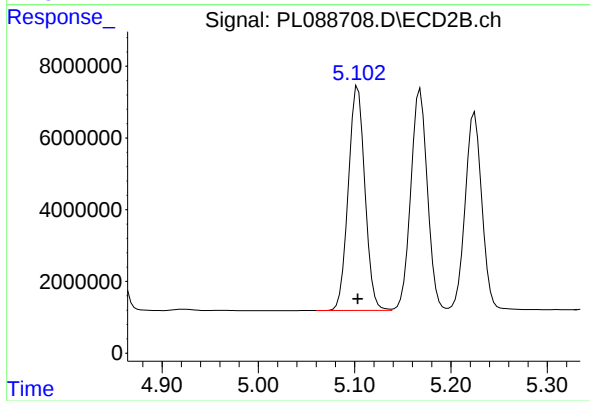
#9 Endosulfan I

R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 66751111
Conc: 44.40 ng/ml



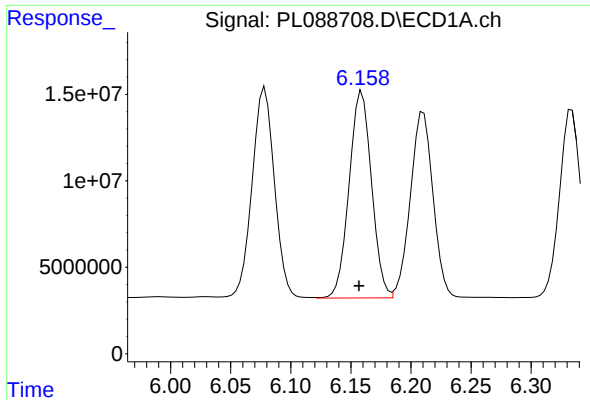
#10 gamma-Chlordane

R.T.: 6.078 min
Delta R.T.: 0.003 min
Response: 159230792
Conc: 47.81 ng/ml



#10 gamma-Chlordane

R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 74455561
Conc: 44.95 ng/ml



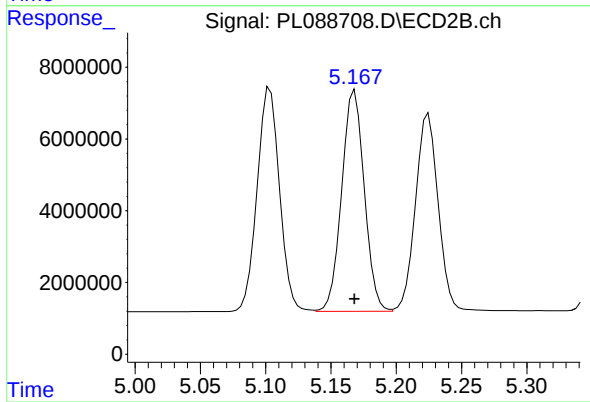
#11 alpha-Chlordane

R.T.: 6.159 min
Delta R.T.: 0.002 min
Response: 155652073
Conc: 46.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159702BS

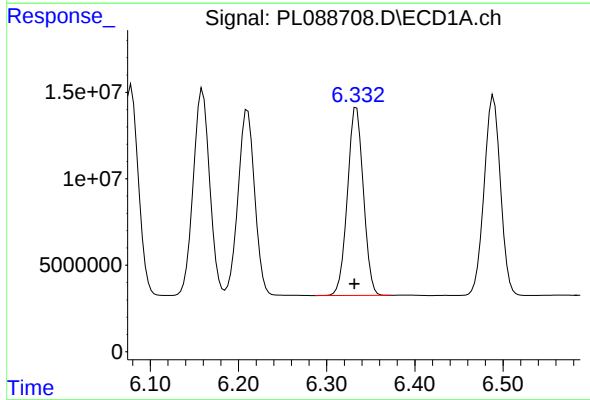
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/22/2024
Supervised By :Ankita Jodhani 03/22/2024



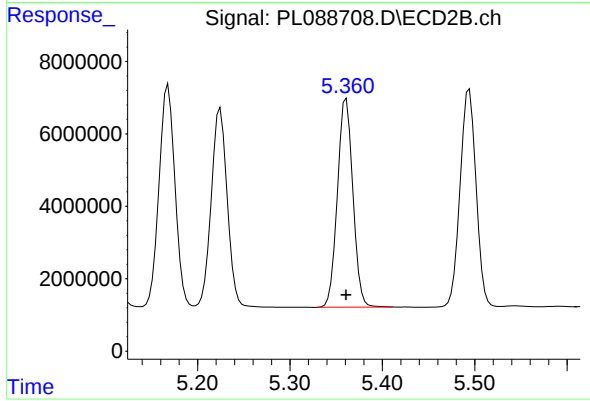
#11 alpha-Chlordane

R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 74148009
Conc: 44.67 ng/ml



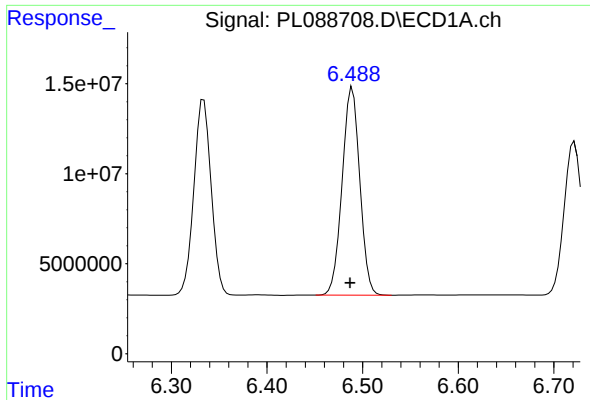
#12 4,4'-DDE

R.T.: 6.334 min
Delta R.T.: 0.002 min
Response: 136476175
Conc: 45.68 ng/ml



#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 67084992
Conc: 45.99 ng/ml



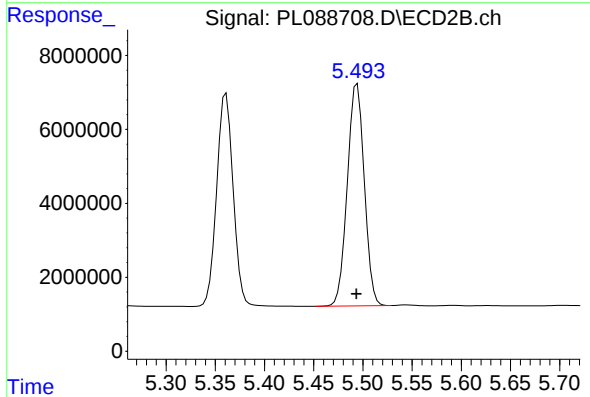
#13 Dieldrin

R.T.: 6.489 min
Delta R.T.: 0.002 min
Response: 148552995
Conc: 45.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159702BS

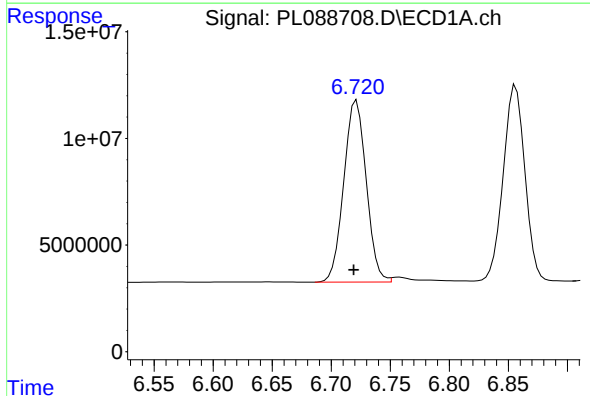
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/22/2024
Supervised By :Ankita Jodhani 03/22/2024



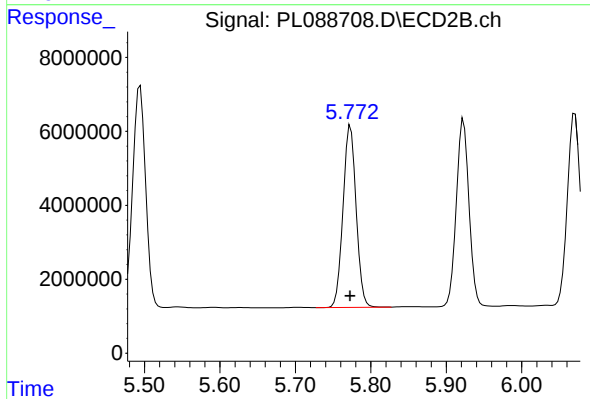
#13 Dieldrin

R.T.: 5.494 min
Delta R.T.: 0.000 min
Response: 72189995
Conc: 44.45 ng/ml



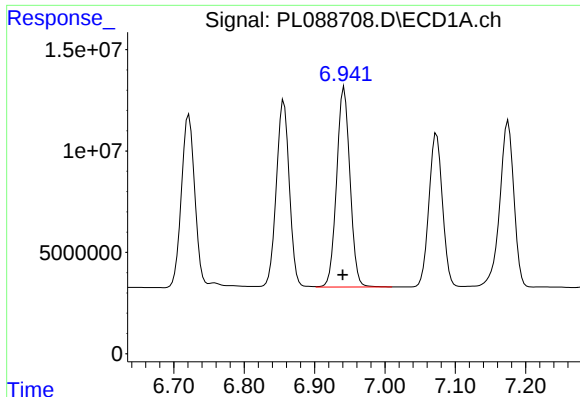
#14 Endrin

R.T.: 6.721 min
Delta R.T.: 0.002 min
Response: 112874812
Conc: 41.29 ng/ml



#14 Endrin

R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 59344143
Conc: 41.17 ng/ml



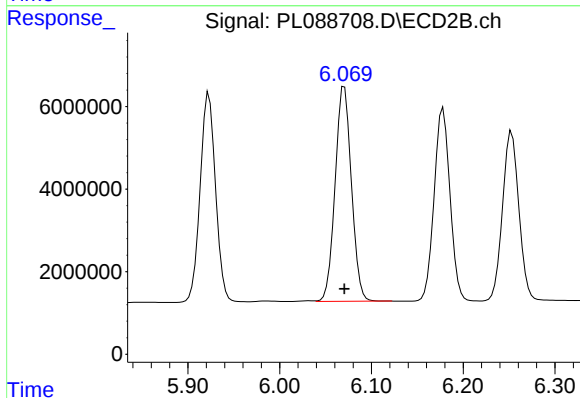
#15 Endosulfan II

R.T.: 6.942 min
Delta R.T.: 0.002 min
Response: 130054706
Conc: 45.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159702BS

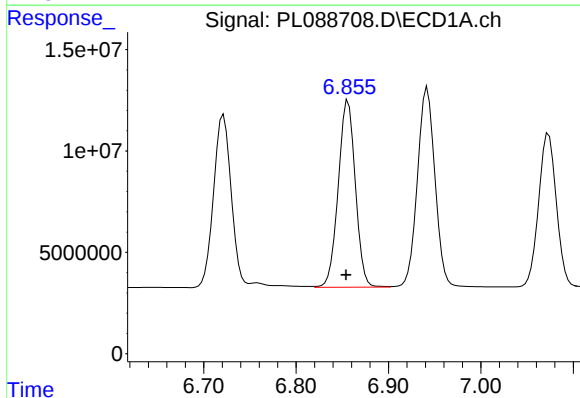
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/22/2024
Supervised By :Ankita Jodhani 03/22/2024



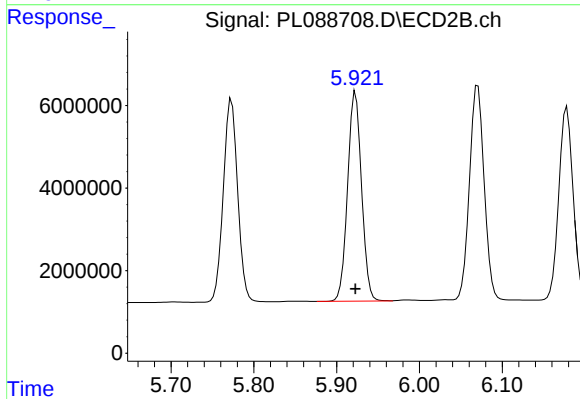
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 64468187
Conc: 44.84 ng/ml



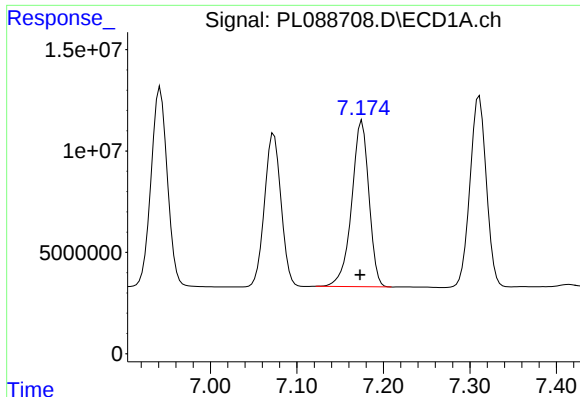
#16 4,4'-DDD

R.T.: 6.856 min
Delta R.T.: 0.002 min
Response: 118864555
Conc: 46.67 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 59425909
Conc: 47.72 ng/ml



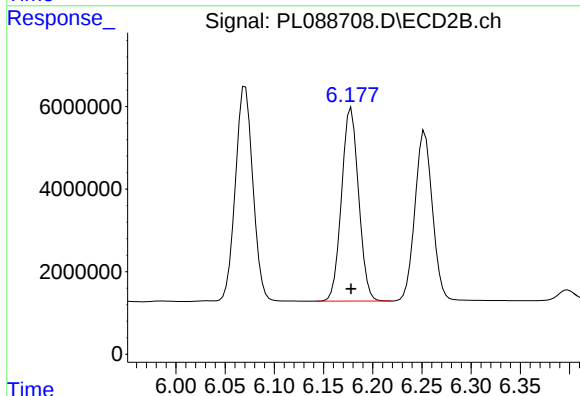
#17 4,4'-DDT

R.T.: 7.175 min
Delta R.T.: 0.002 min
Response: 113047100
Conc: 42.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159702BS

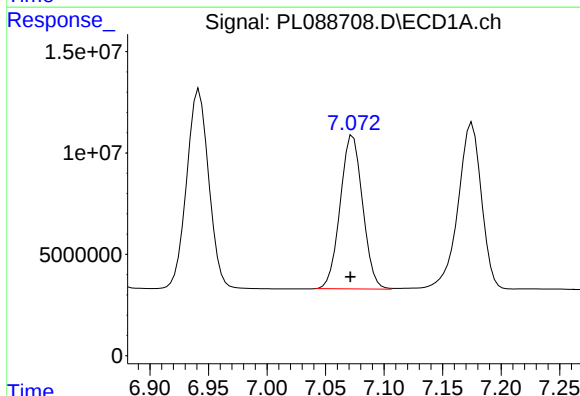
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/22/2024
Supervised By :Ankita Jodhani 03/22/2024



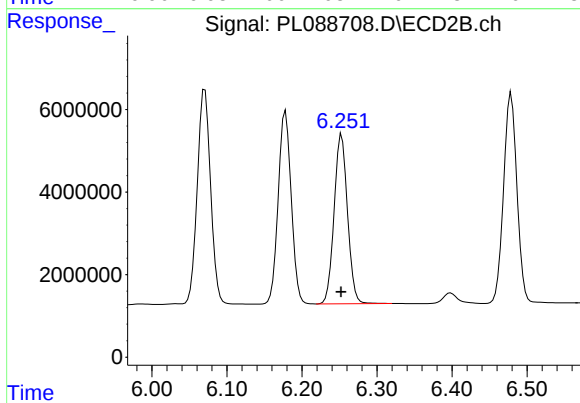
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 56373528
Conc: 42.00 ng/ml



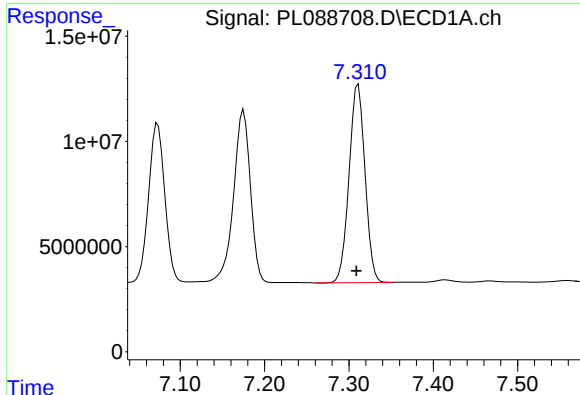
#18 Endrin aldehyde

R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 100833048
Conc: 48.30 ng/ml m



#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 50917825
Conc: 48.59 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.311 min
Delta R.T.: 0.002 min
Response: 123750529
Conc: 44.82 ng/ml

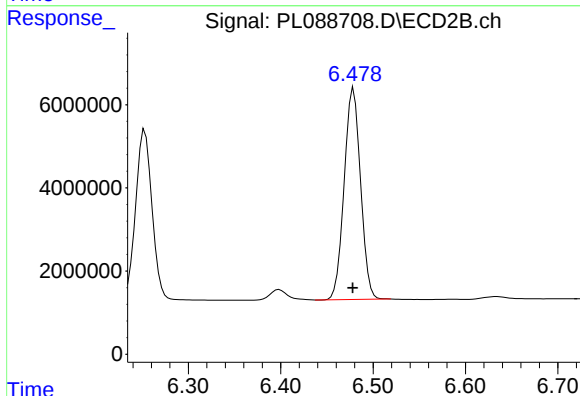
Instrument :

ECD_L

ClientSampleId :
PB159702BS

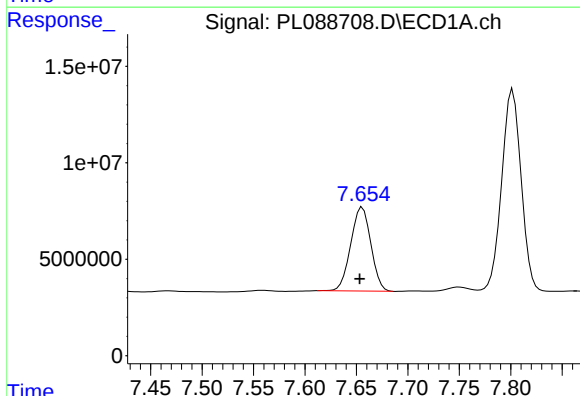
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/22/2024
Supervised By :Ankita Jodhani 03/22/2024



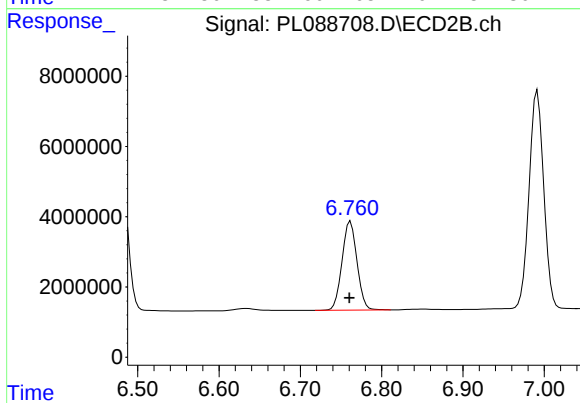
#19 Endosulfan Sulfate

R.T.: 6.479 min
Delta R.T.: 0.001 min
Response: 62681254
Conc: 45.18 ng/ml



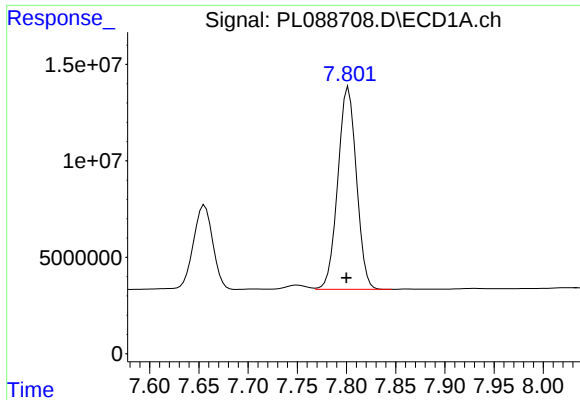
#20 Methoxychlor

R.T.: 7.656 min
Delta R.T.: 0.003 min
Response: 59172482
Conc: 39.28 ng/ml



#20 Methoxychlor

R.T.: 6.762 min
Delta R.T.: 0.001 min
Response: 32232543
Conc: 40.19 ng/ml



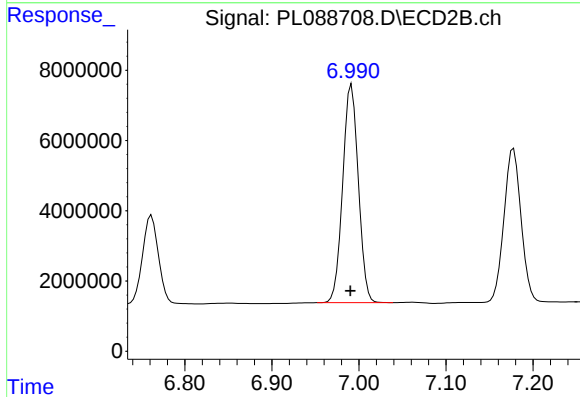
#21 Endrin ketone

R.T.: 7.802 min
Delta R.T.: 0.002 min
Response: 137876122
Conc: 46.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159702BS

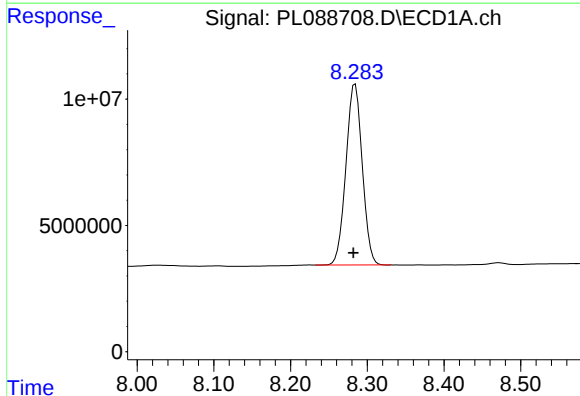
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/22/2024
Supervised By :Ankita Jodhani 03/22/2024



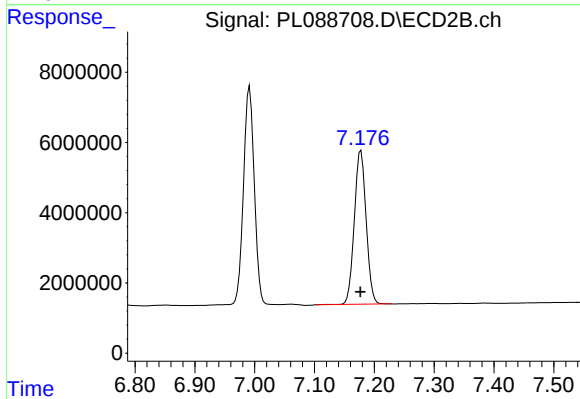
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: 0.001 min
Response: 77415770
Conc: 46.90 ng/ml



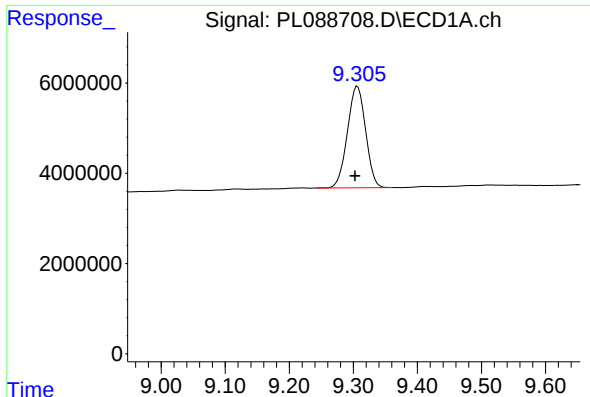
#22 Mirex

R.T.: 8.284 min
Delta R.T.: 0.003 min
Response: 106564021
Conc: 45.45 ng/ml



#22 Mirex

R.T.: 7.178 min
Delta R.T.: 0.001 min
Response: 60134473
Conc: 44.60 ng/ml



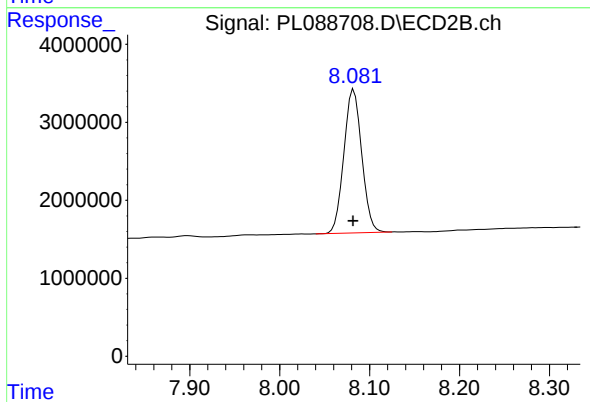
#28 Decachlorobiphenyl

R.T.: 9.307 min
Delta R.T.: 0.004 min
Response: 44409621
Conc: 17.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159702BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/22/2024
Supervised By :Ankita Jodhani 03/22/2024



#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: 0.000 min
Response: 25449431
Conc: 18.77 ng/ml