

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
 Data File : PL086371.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Nov 2023 16:12
 Operator : AR\AJ
 Sample : 05164-01MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ETGI-352MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/02/2023
 Supervised By : mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 05:49:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 02 05:32:51 2023
 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...	3.352	2.618	53200228	17269775	16.764	18.141
2)	SA Decachlor...	8.853	7.771	44958145	24421714	16.999m	21.291 #
Target Compounds							
2)	A alpha-BHC	3.805	3.117	224.7E6	65991817	47.603m	50.851
3)	MA gamma-BHC...	4.138	3.444	229.5E6	67357852	50.361	51.279
4)	MA Heptachlor	4.726	3.780	218.5E6	68072202	50.129	52.473
5)	MB Aldrin	5.060	4.057	363.1E6	67736956	81.997m	53.154 #
6)	B beta-BHC	4.342	3.746	94152311	28500802	47.736	49.660
7)	B delta-BHC	4.585	3.971	216.5E6	64815461	49.618	51.276
8)	B Heptachlo...	5.494	4.562	253.2E6	72467473	65.459m	60.615
9)	A Endosulfan I	5.879	4.929	202.7E6	59665271	55.156	50.273
10)	B gamma-Chl...	5.753	4.812	487.5E6	143.4E6	122.864	121.183m
11)	B alpha-Chl...	5.832	4.877	865.1E6	254.4E6	217.332	203.673
12)	B 4,4'-DDE	6.016	5.076	168.2E6	65686938	53.004	66.563 #
13)	MA Dieldrin	6.156	5.195	198.3E6	63069830	51.568	52.815
14)	MA Endrin	6.385	5.468	157.7E6	57687413	47.255	52.351
15)	B Endosulfa...	6.607	5.768	162.6E6	116.0E6	50.474	107.606 #
16)	A 4,4'-DDD	6.534	5.632	136.7E6	40409382	57.650	49.614
17)	MA 4,4'-DDT	6.850	5.883	139.3E6	53497353	53.389	56.746
18)	B Endrin al...	6.737	5.948	127.4E6	44997923	52.330m	53.359
19)	B Endosulfa...	6.976	6.173	158.9E6	51971973	51.459	49.296
20)	A Methoxychlor	7.335	6.468	83852180	33730300	60.456	57.724
21)	B Endrin ke...	7.457	6.674	161.4E6	59416575	50.574	47.641
22)	Mirex	7.930	6.851	154.0E6	60840461	56.446	53.179

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086371.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 16:12
Operator : AR\AJ
Sample : 05164-01MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

ETGI-352MSD

Manual Integrations

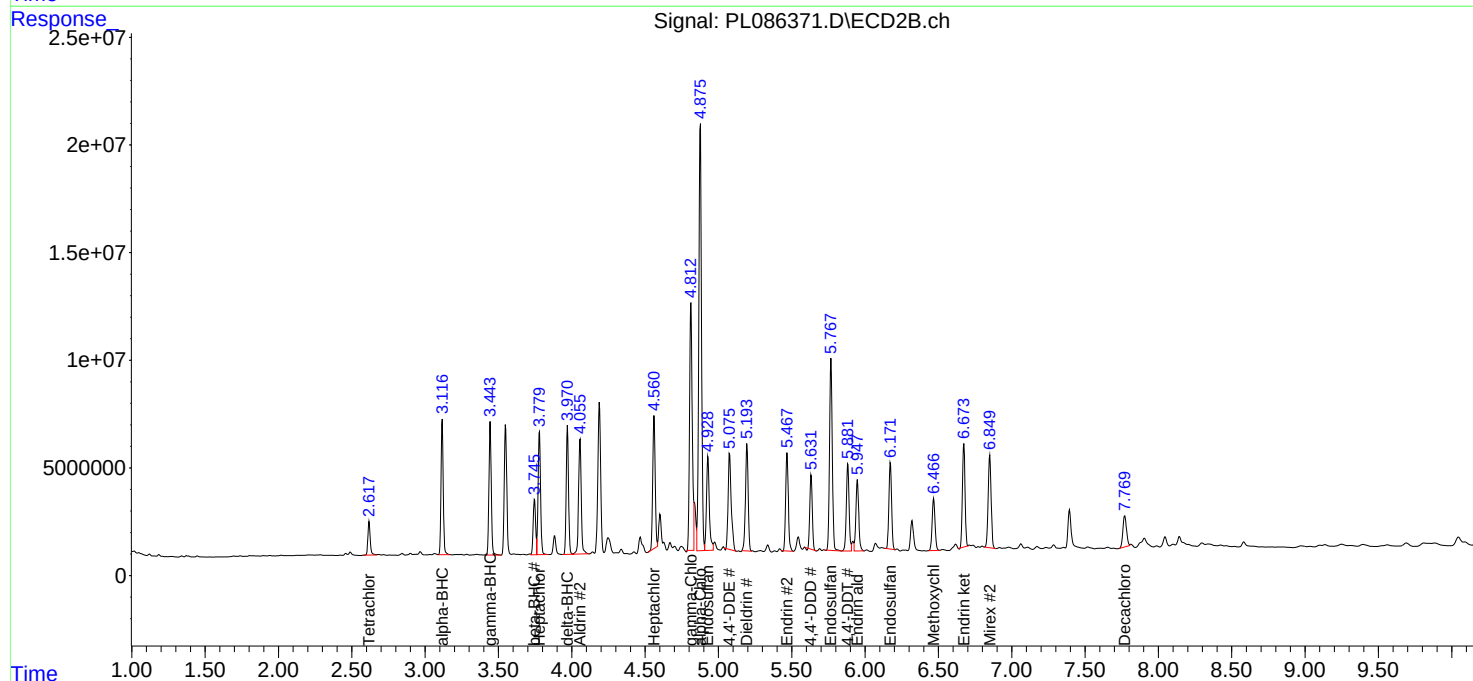
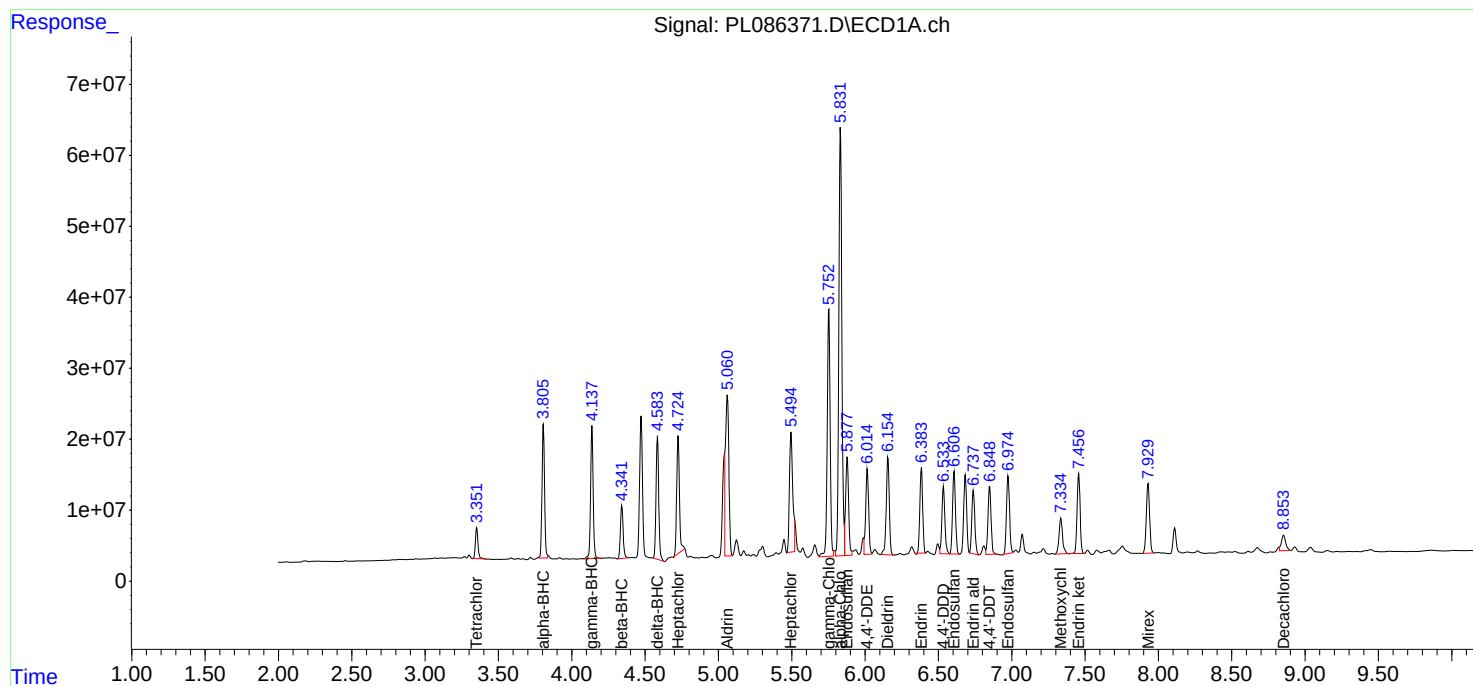
APPROVED

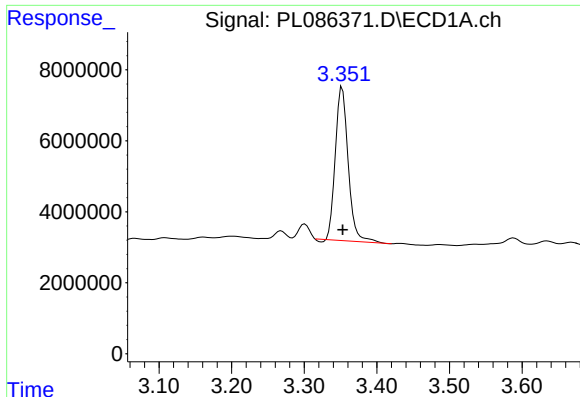
Reviewed By :Abdul Mirza 11/02/2023

Supervised By :mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 05:49:17 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
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





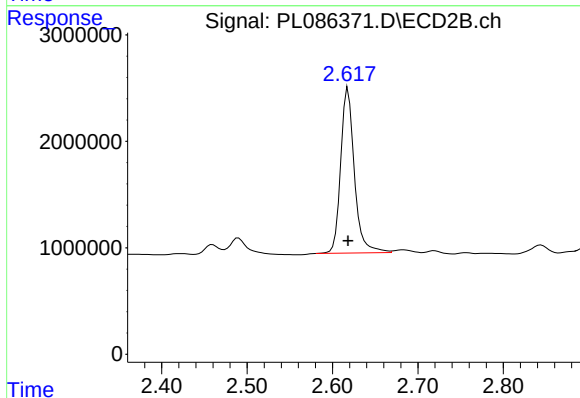
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 53200228
Conc: 16.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-352MSD

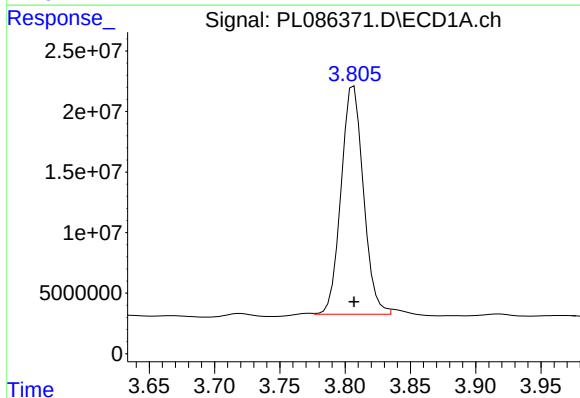
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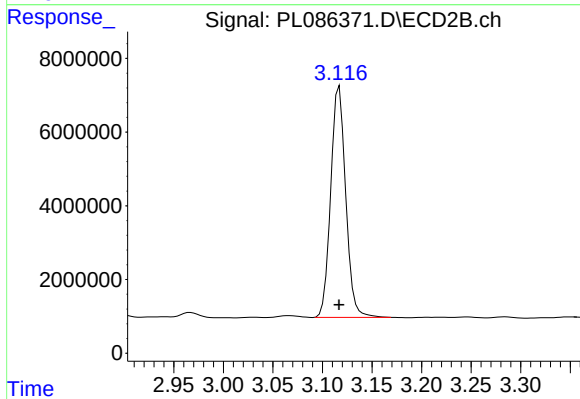
#1 Tetrachloro-m-xylene

R.T.: 2.618 min
Delta R.T.: 0.000 min
Response: 17269775
Conc: 18.14 ng/ml



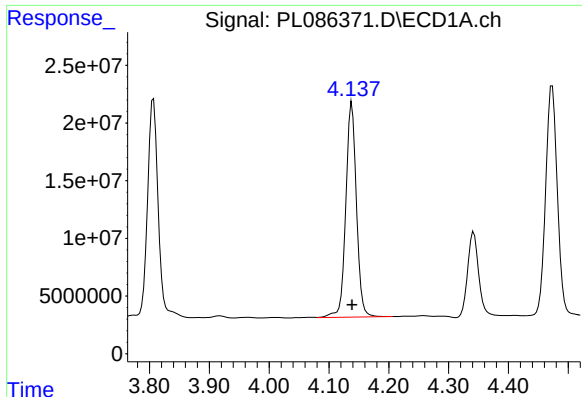
#2 alpha-BHC

R.T.: 3.805 min
Delta R.T.: -0.002 min
Response: 224687061
Conc: 47.60 ng/ml m



#2 alpha-BHC

R.T.: 3.117 min
Delta R.T.: 0.000 min
Response: 65991817
Conc: 50.85 ng/ml



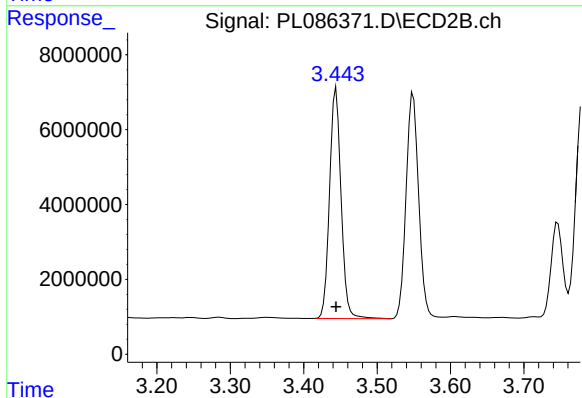
#3 gamma-BHC (Lindane)

R.T.: 4.138 min
Delta R.T.: 0.000 min
Response: 229470582
Conc: 50.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-352MSD

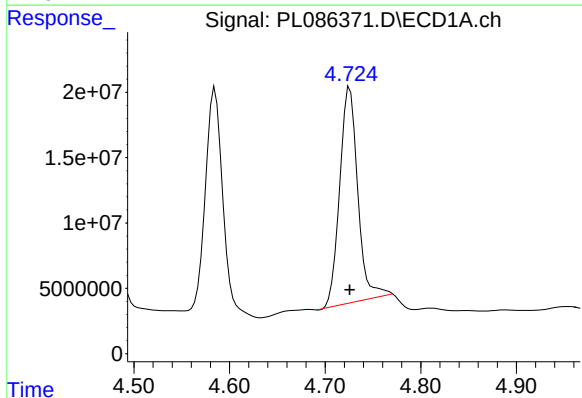
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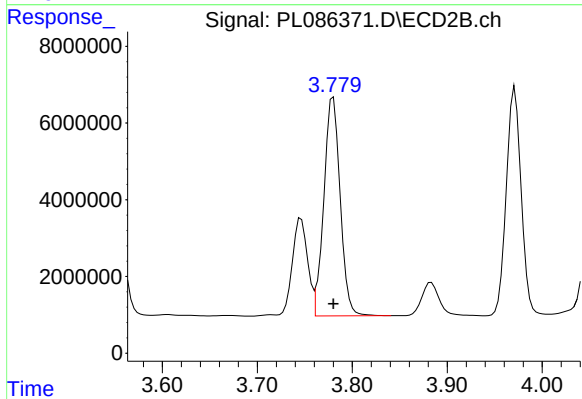
#3 gamma-BHC (Lindane)

R.T.: 3.444 min
Delta R.T.: 0.000 min
Response: 67357852
Conc: 51.28 ng/ml



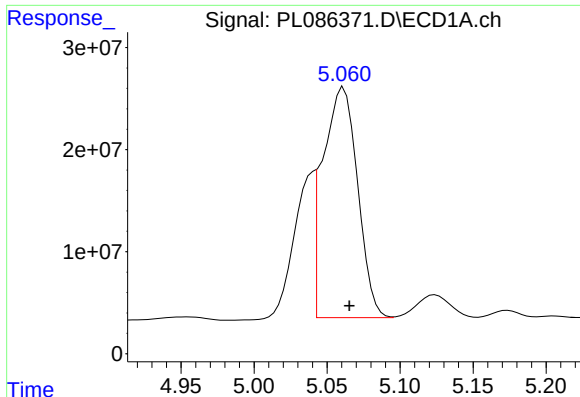
#4 Heptachlor

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 218499102
Conc: 50.13 ng/ml



#4 Heptachlor

R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 68072202
Conc: 52.47 ng/ml



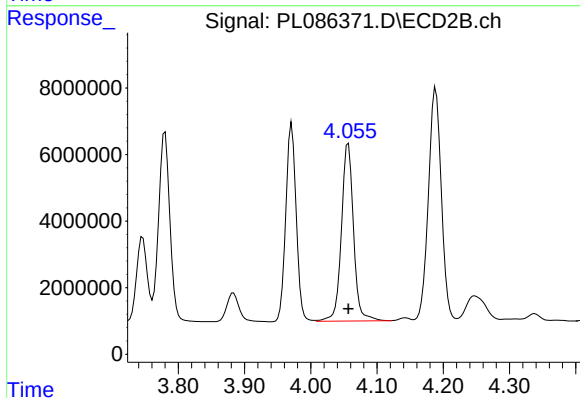
#5 Aldrin

R.T.: 5.060 min
Delta R.T.: -0.005 min
Response: 363136029
Conc: 82.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-352MSD

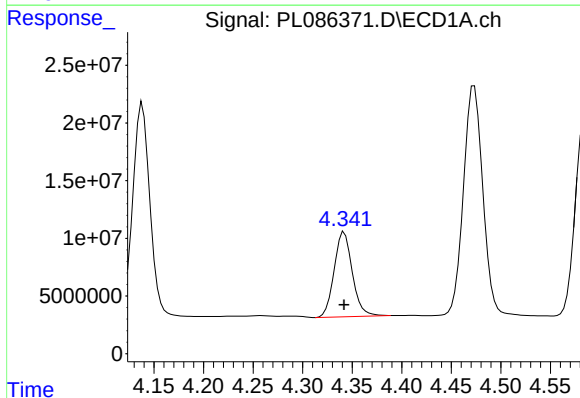
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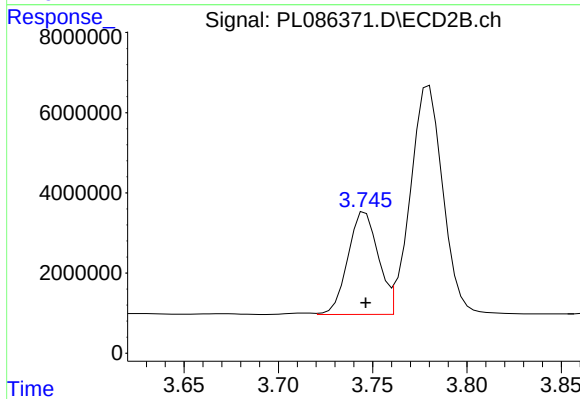
#5 Aldrin

R.T.: 4.057 min
Delta R.T.: 0.000 min
Response: 67736956
Conc: 53.15 ng/ml



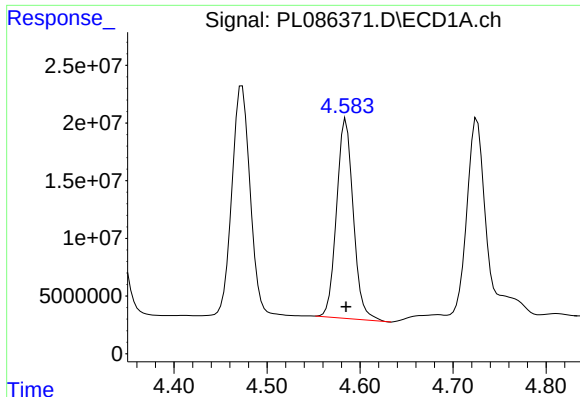
#6 beta-BHC

R.T.: 4.342 min
Delta R.T.: 0.000 min
Response: 94152311
Conc: 47.74 ng/ml



#6 beta-BHC

R.T.: 3.746 min
Delta R.T.: 0.000 min
Response: 28500802
Conc: 49.66 ng/ml



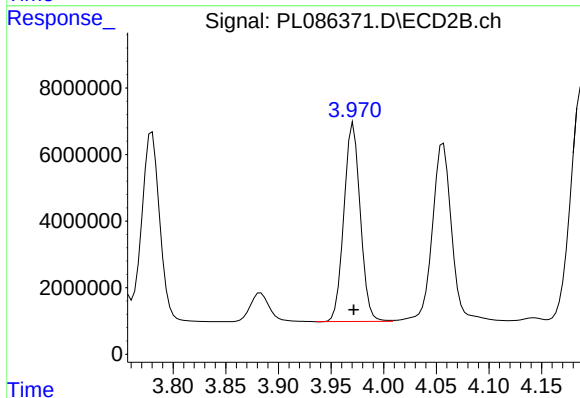
#7 delta-BHC

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 216479327
Conc: 49.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-352MSD

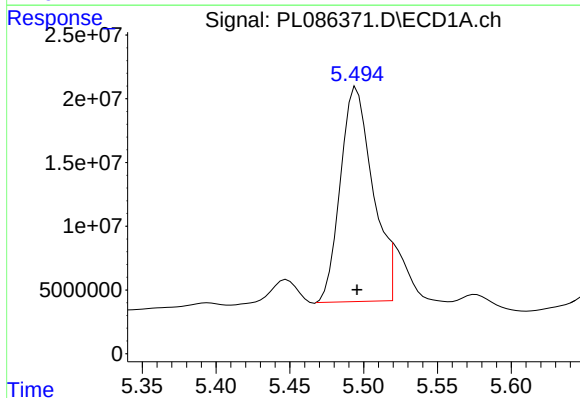
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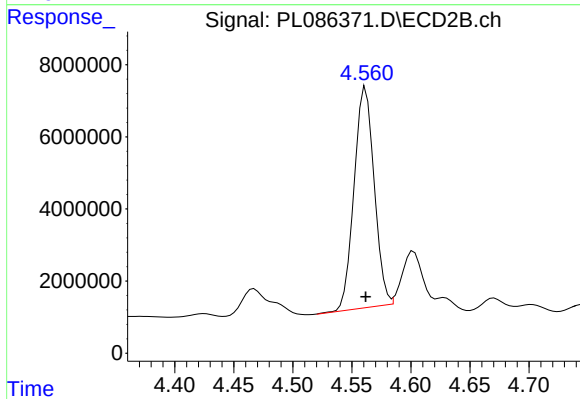
#7 delta-BHC

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 64815461
Conc: 51.28 ng/ml



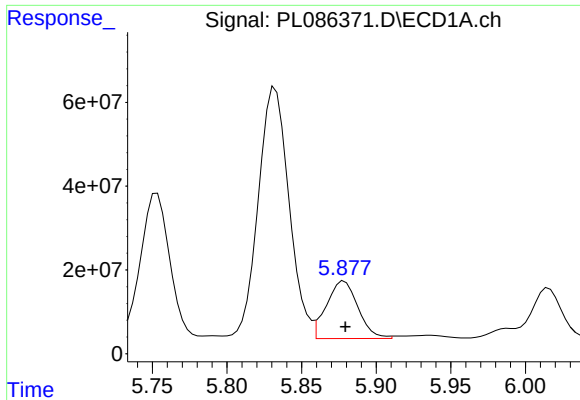
#8 Heptachlor epoxide

R.T.: 5.494 min
Delta R.T.: -0.002 min
Response: 253172342
Conc: 65.46 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.562 min
Delta R.T.: 0.000 min
Response: 72467473
Conc: 60.62 ng/ml



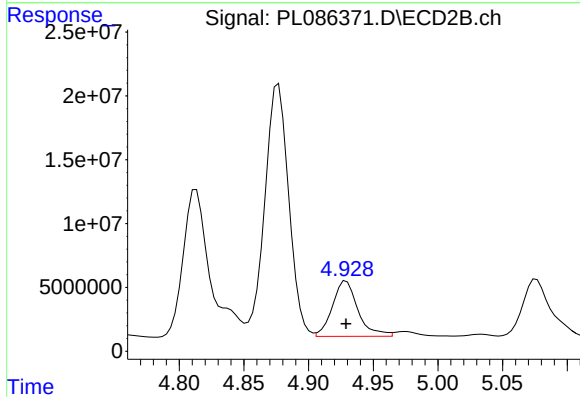
#9 Endosulfan I

R.T.: 5.879 min
Delta R.T.: 0.000 min
Response: 202745182
Conc: 55.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-352MSD

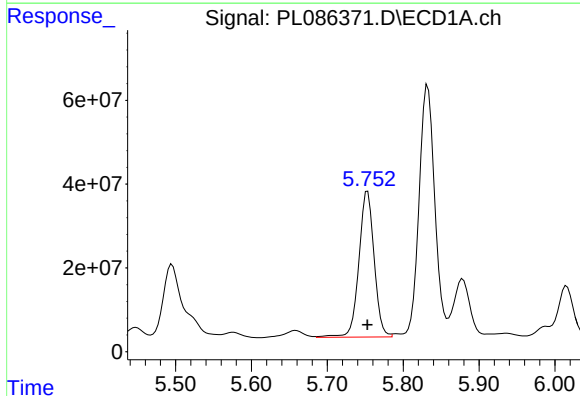
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Supervised By :mohammad ahmed 11/02/2023



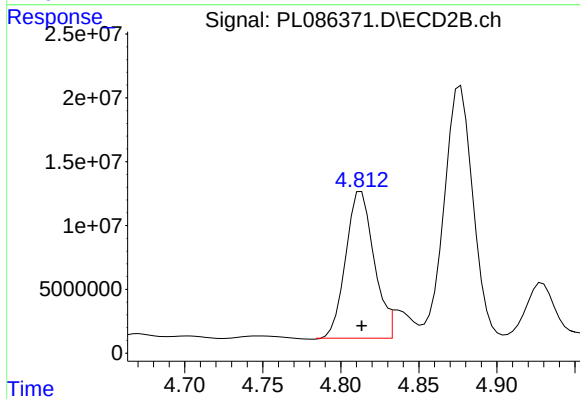
#9 Endosulfan I

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 59665271
Conc: 50.27 ng/ml



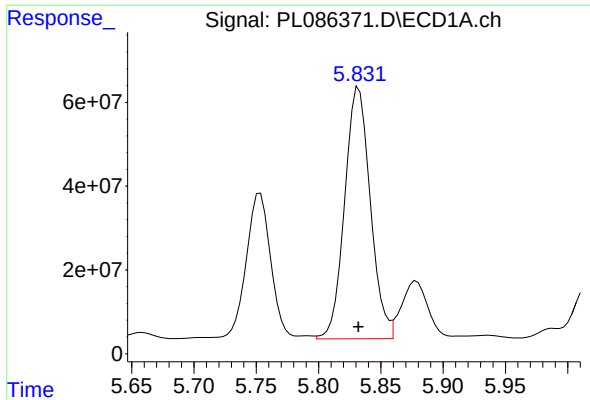
#10 gamma-Chlordane

R.T.: 5.753 min
Delta R.T.: 0.000 min
Response: 487499874
Conc: 122.86 ng/ml



#10 gamma-Chlordane

R.T.: 4.812 min
Delta R.T.: -0.002 min
Response: 143405119
Conc: 121.18 ng/ml m



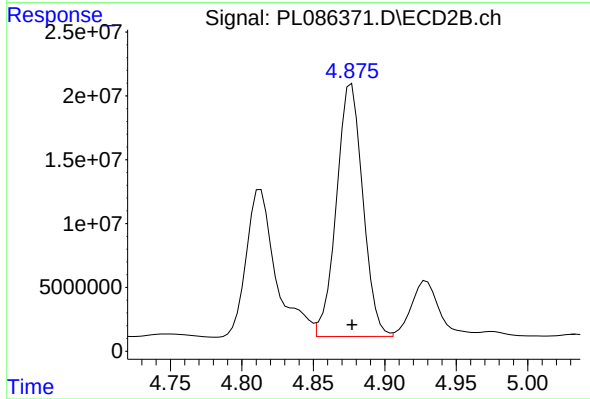
#11 alpha-Chlordane

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 865084757
Conc: 217.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-352MSD

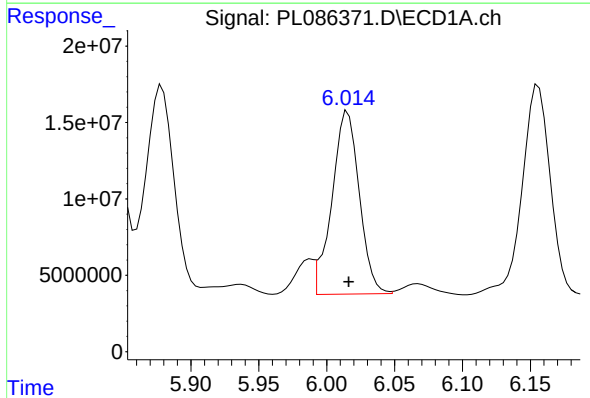
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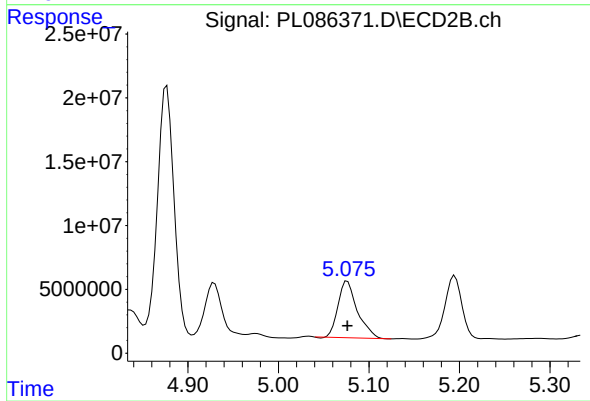
#11 alpha-Chlordane

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 254430422
Conc: 203.67 ng/ml



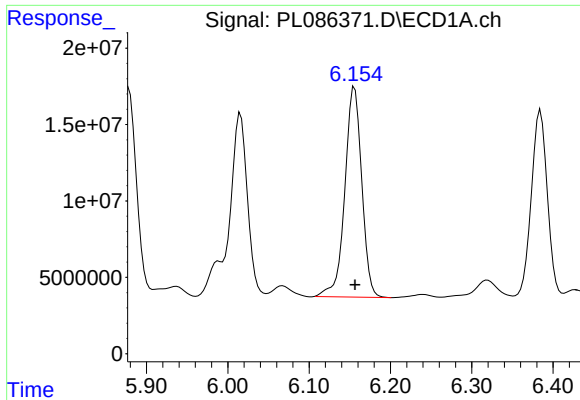
#12 4,4'-DDE

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 168213267
Conc: 53.00 ng/ml



#12 4,4'-DDE

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 65686938
Conc: 66.56 ng/ml



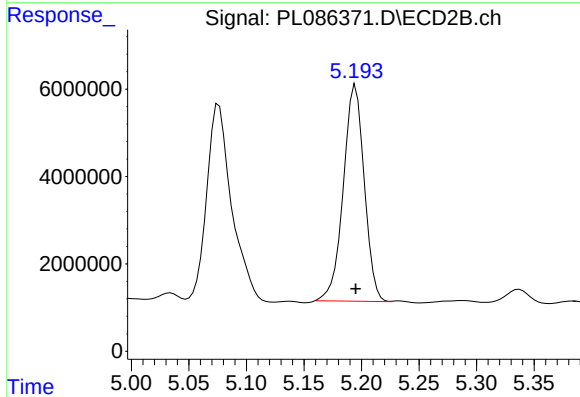
#13 Dieldrin

R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 198271912
Conc: 51.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-352MSD

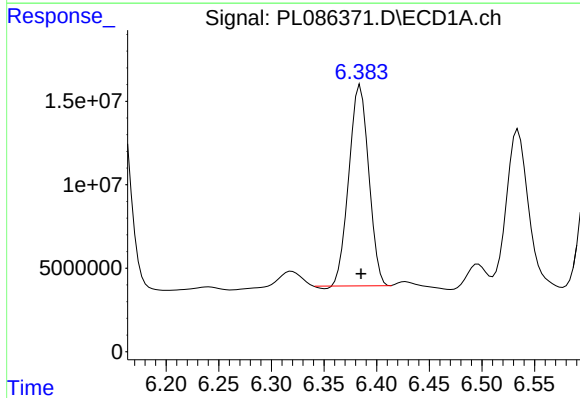
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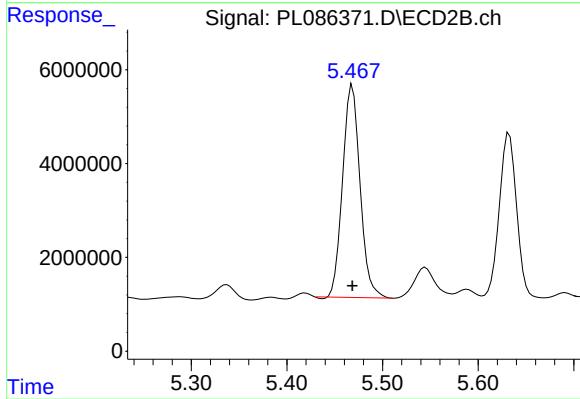
#13 Dieldrin

R.T.: 5.195 min
Delta R.T.: 0.000 min
Response: 63069830
Conc: 52.81 ng/ml



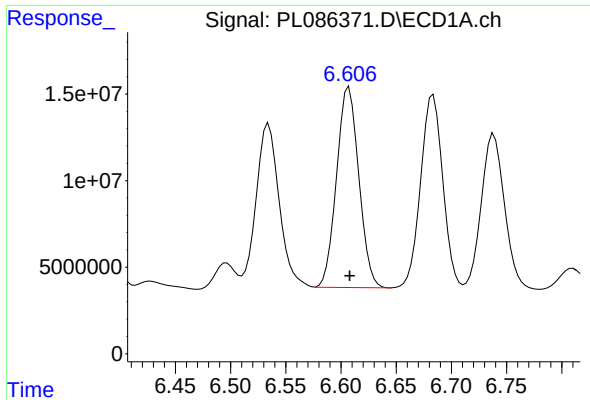
#14 Endrin

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 157748342
Conc: 47.26 ng/ml



#14 Endrin

R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 57687413
Conc: 52.35 ng/ml



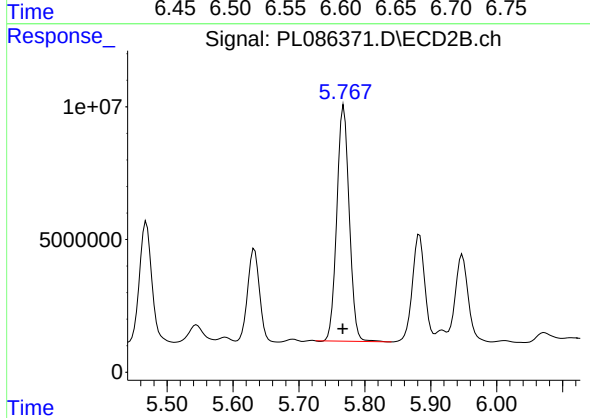
#15 Endosulfan II

R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 162553376
Conc: 50.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-352MSD

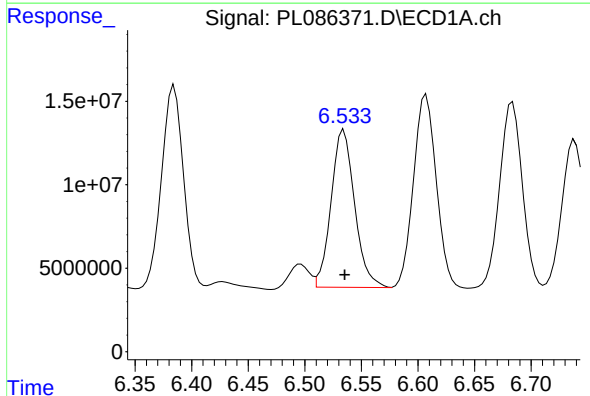
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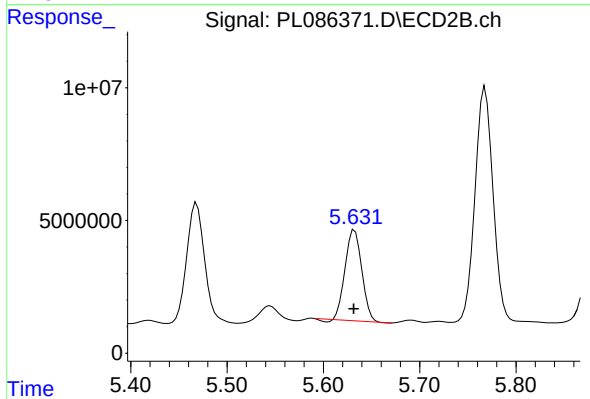
#15 Endosulfan II

R.T.: 5.768 min
Delta R.T.: 0.002 min
Response: 115987872
Conc: 107.61 ng/ml



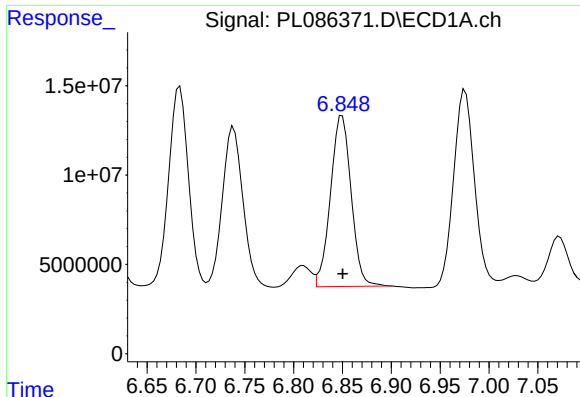
#16 4,4'-DDD

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 136733918
Conc: 57.65 ng/ml



#16 4,4'-DDD

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 40409382
Conc: 49.61 ng/ml



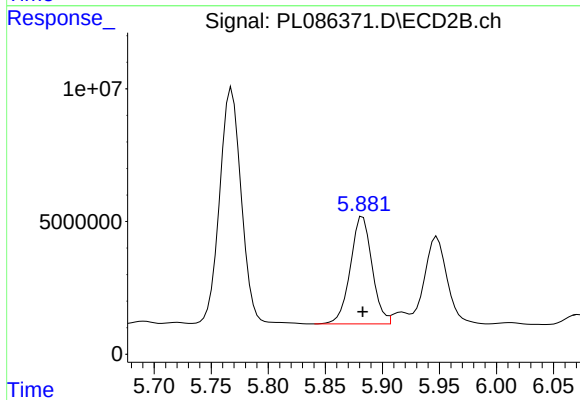
#17 4,4'-DDT

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 139288592
Conc: 53.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-352MSD

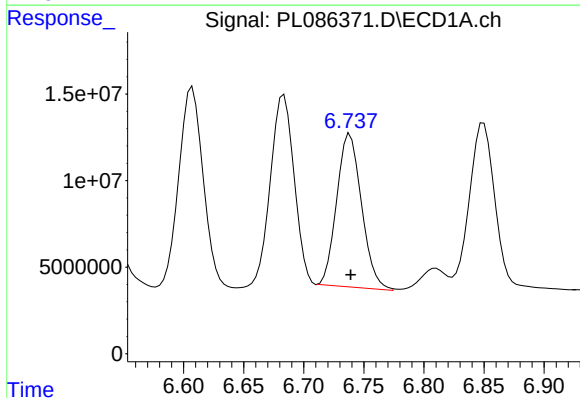
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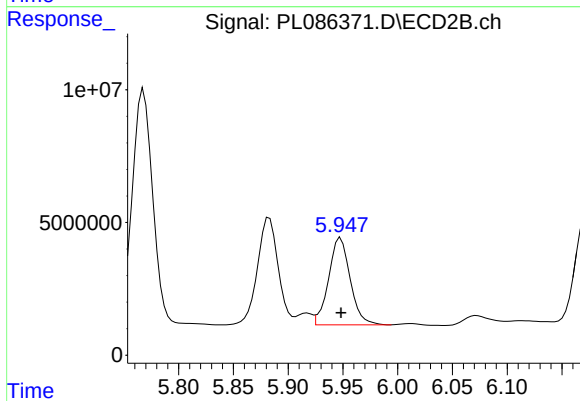
#17 4,4'-DDT

R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 53497353
Conc: 56.75 ng/ml



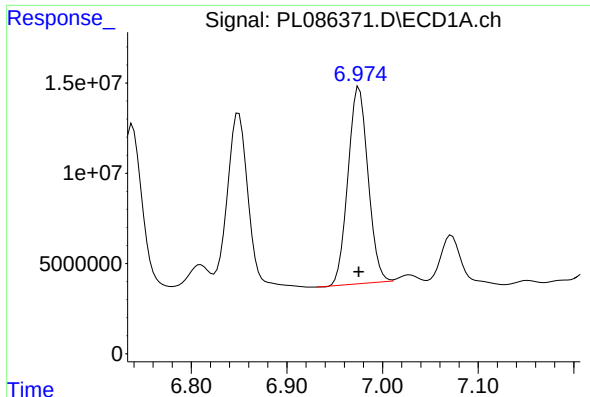
#18 Endrin aldehyde

R.T.: 6.737 min
Delta R.T.: -0.002 min
Response: 127374237
Conc: 52.33 ng/ml m



#18 Endrin aldehyde

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 44997923
Conc: 53.36 ng/ml



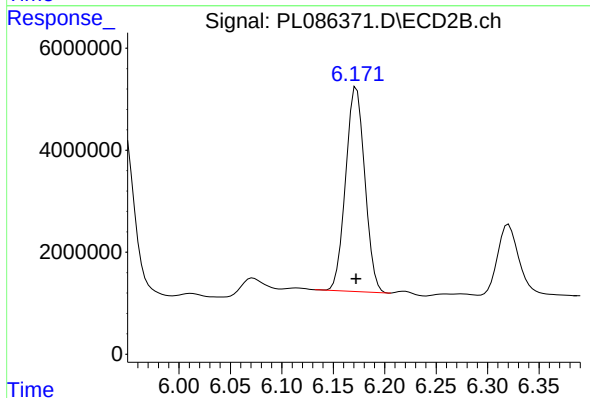
#19 Endosulfan Sulfate

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 158903064
Conc: 51.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-352MSD

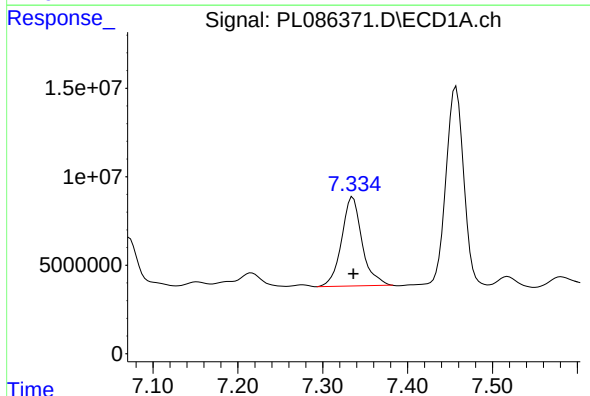
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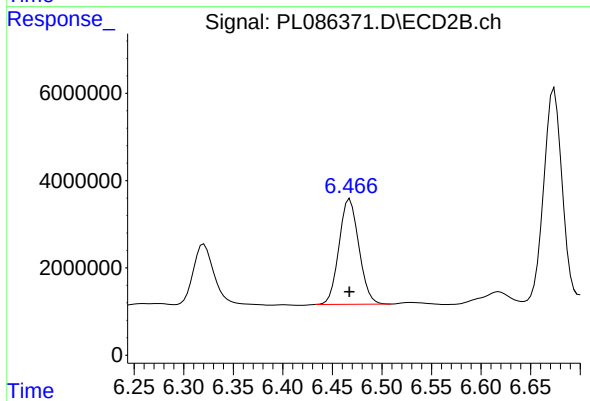
#19 Endosulfan Sulfate

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 51971973
Conc: 49.30 ng/ml



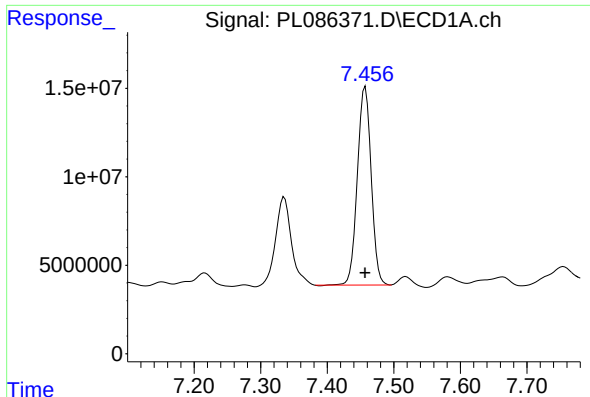
#20 Methoxychlor

R.T.: 7.335 min
Delta R.T.: 0.000 min
Response: 83852180
Conc: 60.46 ng/ml



#20 Methoxychlor

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 33730300
Conc: 57.72 ng/ml



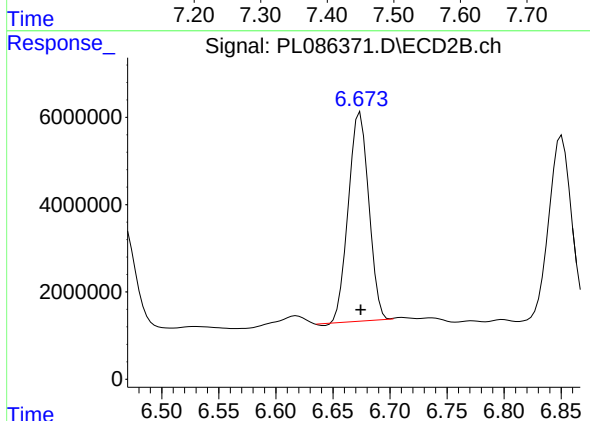
#21 Endrin ketone

R.T.: 7.457 min
Delta R.T.: 0.000 min
Response: 161400403
Conc: 50.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-352MSD

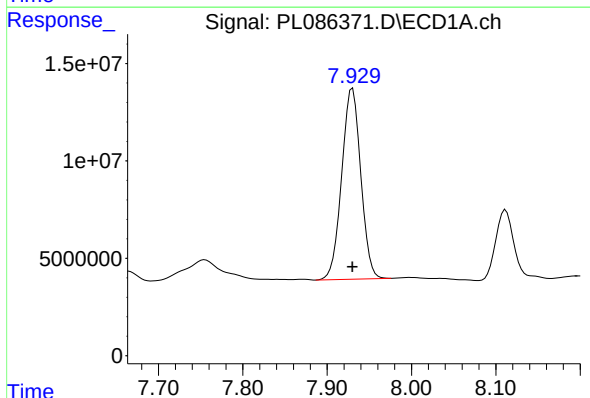
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Reviewed By :Abdul Mirza 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



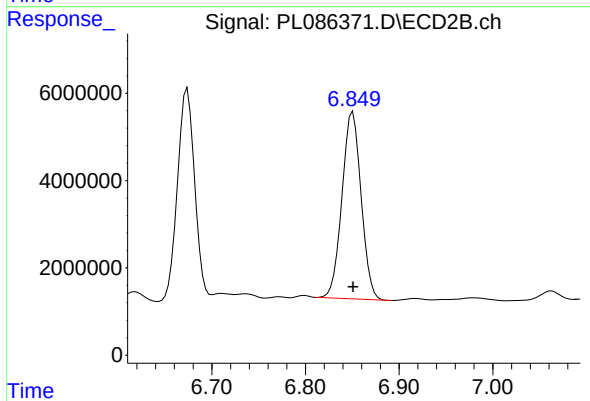
#21 Endrin ketone

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 59416575
Conc: 47.64 ng/ml



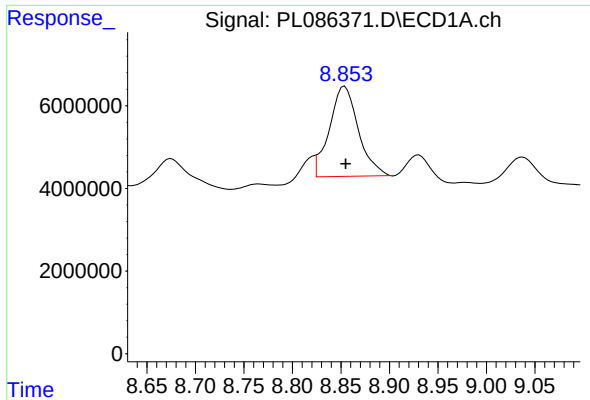
#22 Mirex

R.T.: 7.930 min
Delta R.T.: 0.000 min
Response: 154005871
Conc: 56.45 ng/ml



#22 Mirex

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 60840461
Conc: 53.18 ng/ml



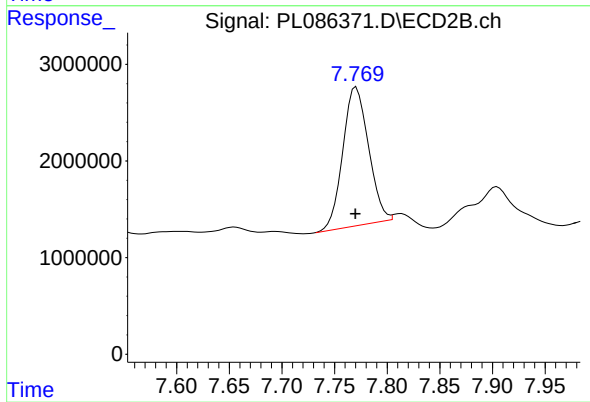
#28 Decachlorobiphenyl

R.T.: 8.853 min
Delta R.T.: -0.003 min
Response: 44958145
Conc: 17.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-352MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#28 Decachlorobiphenyl

R.T.: 7.771 min
Delta R.T.: 0.000 min
Response: 24421714
Conc: 21.29 ng/ml