

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032023\
 Data File : PL081571.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2023 10:26
 Operator : AR\AJ
 Sample : PB151511BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB151511BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/21/2023
 Supervised By :Ankita Jodhani 03/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 21:23:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.333	2.661	48002694	39629131	22.218	19.581
28) SA Decachlor...	8.759	7.783	37319767	43999020	24.479	22.970
Target Compounds						
2) A alpha-BHC	3.783	3.161	156.7E6	125.8E6	49.268	42.917
3) MA gamma-BHC...	4.111	3.488	146.3E6	119.9E6	49.445	43.587
4) MA Heptachlor	4.691	3.822	142.4E6	125.8E6	51.616	45.594
5) MB Aldrin	5.028	4.100	128.8E6	115.0E6	50.635	43.856
6) B beta-BHC	4.314	3.788	63648051	49637995	46.240	42.768
7) B delta-BHC	4.556	4.015	137.1E6	110.2E6	49.321	43.260
8) B Heptachlo...	5.455	4.602	119.5E6	108.8E6	50.625	44.988
9) A Endosulfan I	5.835	4.970	108.2E6	102.9E6	51.205	45.438
10) B gamma-Chl...	5.709	4.851	118.7E6	110.0E6	52.001	44.953
11) B alpha-Chl...	5.788	4.915	116.2E6	109.8E6	51.557	44.834
12) B 4,4'-DDE	5.965	5.104	99560466	88369891	50.885	45.021m
13) MA Dieldrin	6.110	5.235	106.5E6	103.3E6	50.898	45.819
14) MA Endrin	6.338	5.510	95314614	93277722	52.443	46.415
15) B Endosulfa...	6.559	5.804	88662819	86595191	50.853	46.968m
16) A 4,4'-DDD	6.481	5.659	79208341	72030486	51.455	46.953m
17) MA 4,4'-DDT	6.793	5.909	86463276	81215798	54.472	50.624
18) B Endrin al...	6.688	5.986	71438575	69499636	49.910m	45.873
19) B Endosulfa...	6.923	6.208	89717913	89264784	49.968	46.442m
20) A Methoxychlor	7.273	6.488	46264656	45740378	53.711	49.284m
21) B Endrin ke...	7.403	6.714	92533047	99350259	51.010	46.143m
22) Mirex	7.869	6.887	73978384	89217872	50.701	46.356

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032023\
Data File : PL081571.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Mar 2023 10:26
Operator : AR\AJ
Sample : PB151511BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

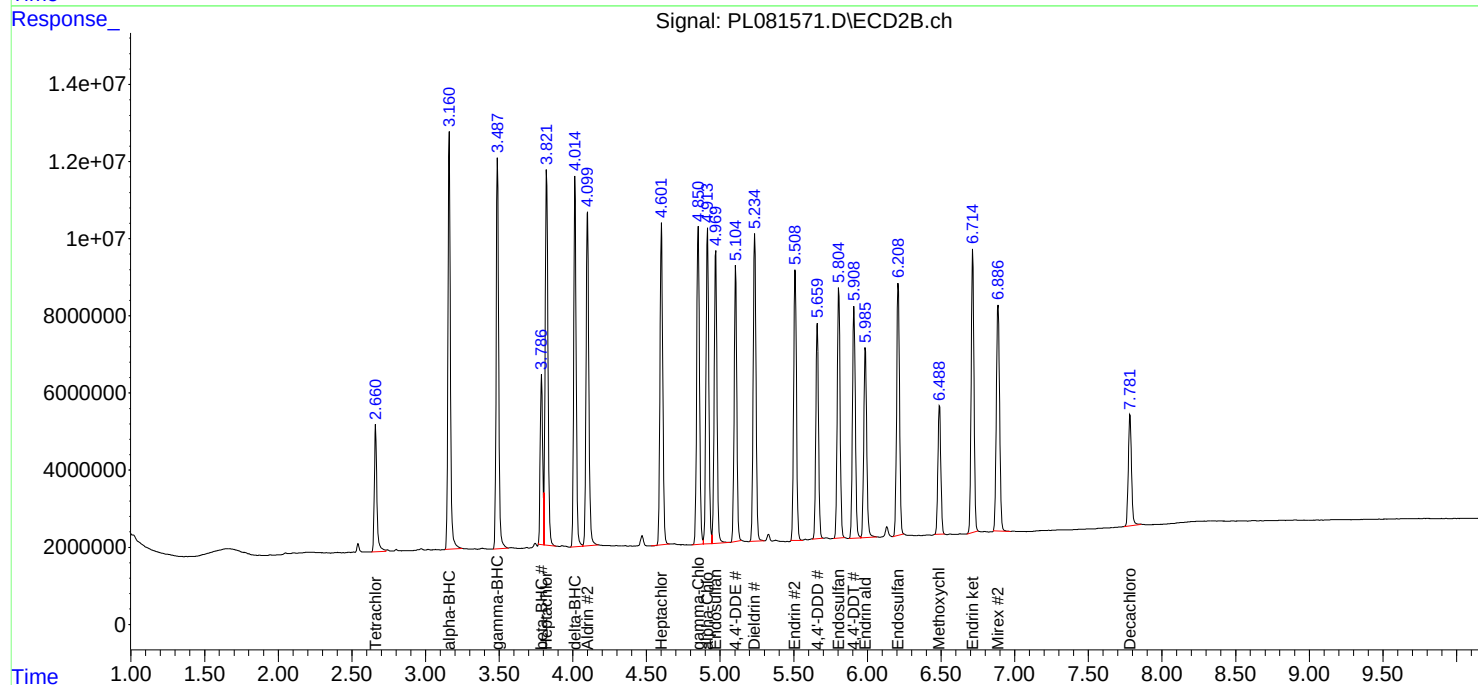
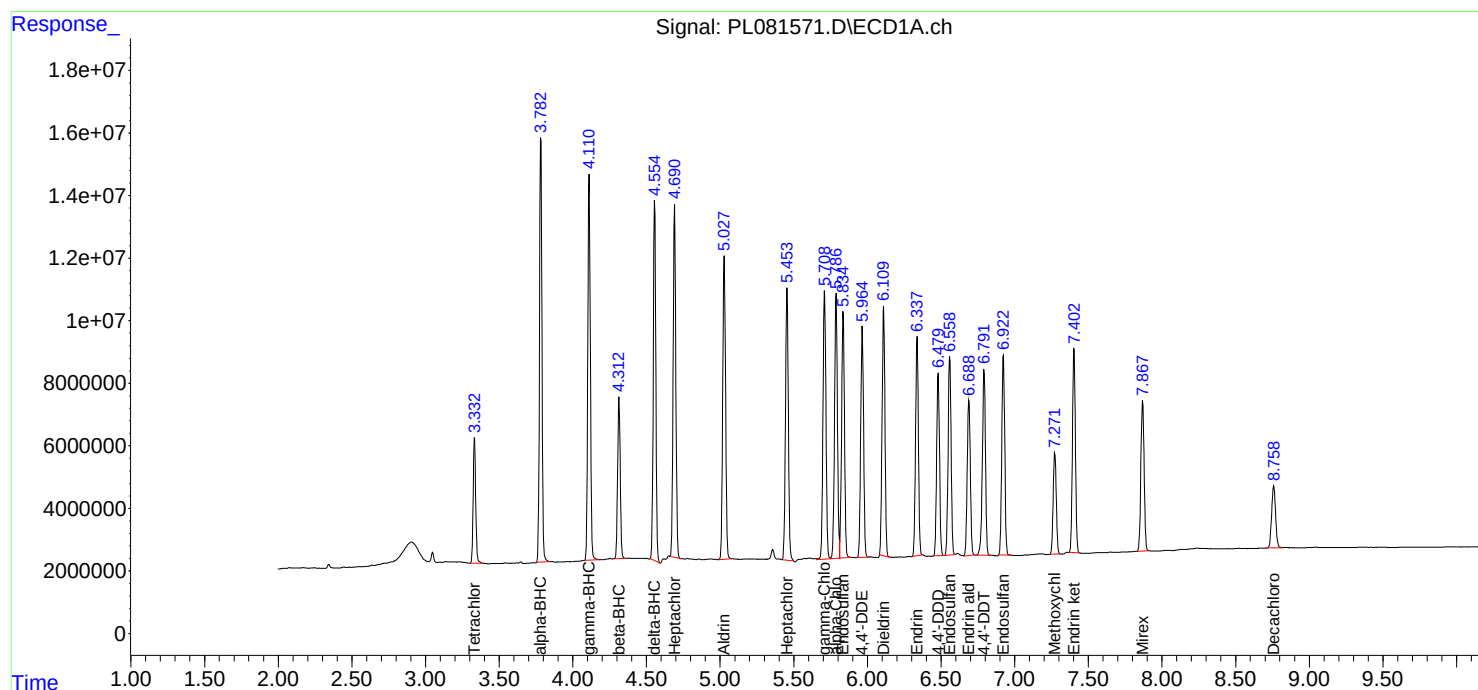
Instrument :
ECD_L
ClientSampleId :
PB151511BS

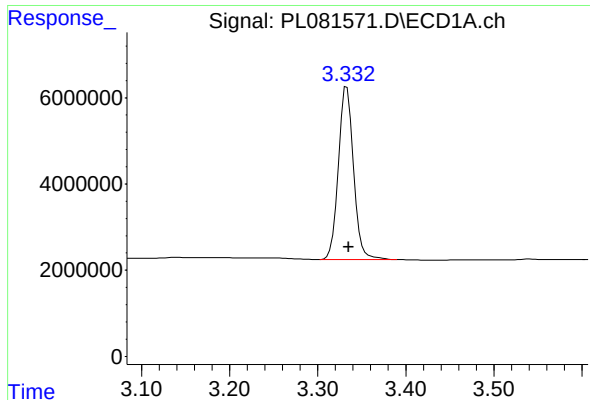
Manual Integrations
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Reviewed By : Abdul Mirza 03/21/2023
Supervised By : Ankita Jodhani 03/21/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 20 21:23:11 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
Quant Title : GC Extractables
QLast Update : Fri Mar 03 01:48:45 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





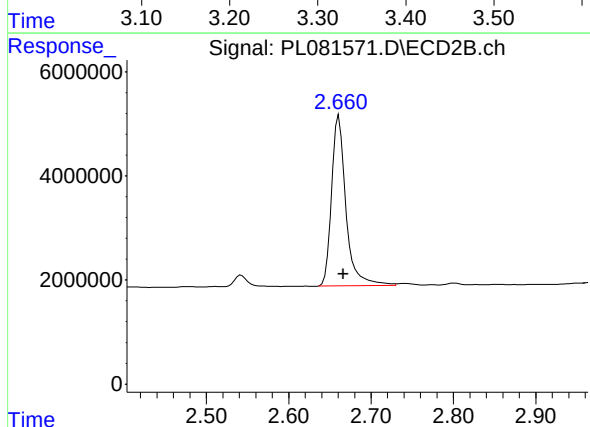
#1 Tetrachloro-m-xylene

R.T.: 3.333 min
Delta R.T.: -0.002 min
Response: 48002694
Conc: 22.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151511BS

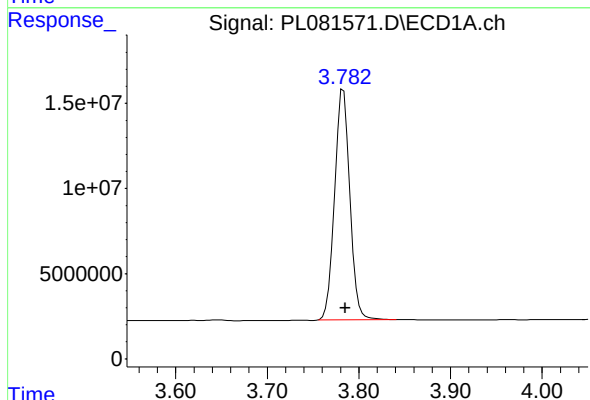
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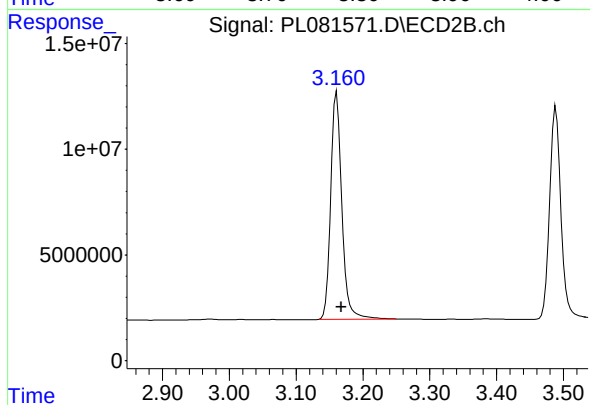
#1 Tetrachloro-m-xylene

R.T.: 2.661 min
Delta R.T.: -0.005 min
Response: 39629131
Conc: 19.58 ng/ml



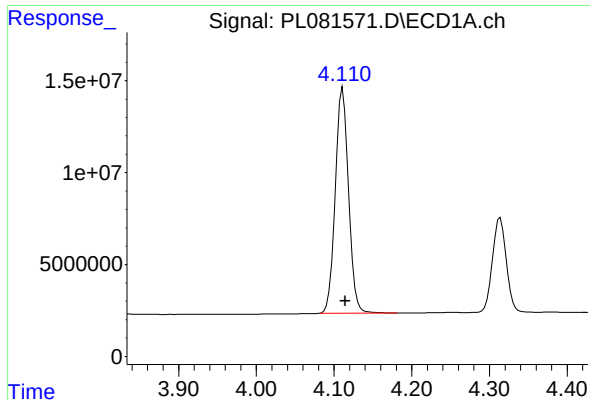
#2 alpha-BHC

R.T.: 3.783 min
Delta R.T.: -0.002 min
Response: 156733614
Conc: 49.27 ng/ml



#2 alpha-BHC

R.T.: 3.161 min
Delta R.T.: -0.007 min
Response: 125772826
Conc: 42.92 ng/ml



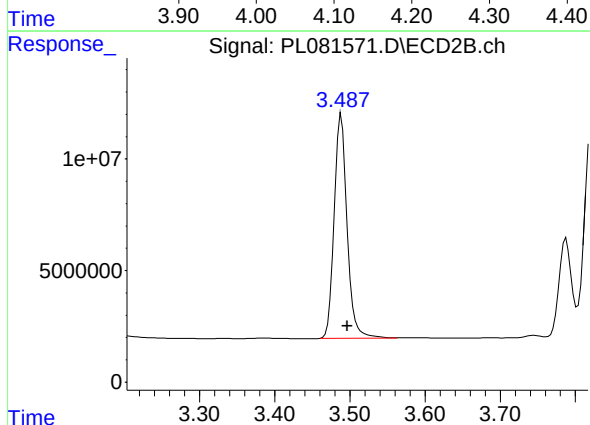
#3 gamma-BHC (Lindane)

R.T.: 4.111 min
Delta R.T.: -0.003 min
Response: 146287578
Conc: 49.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151511BS

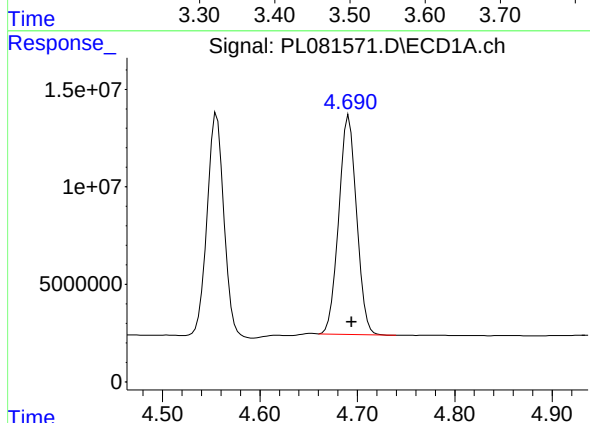
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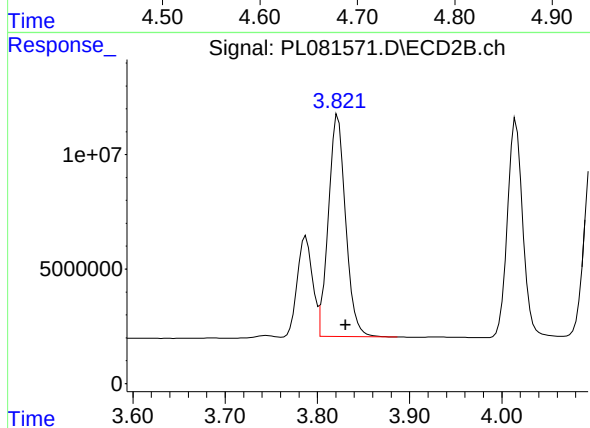
#3 gamma-BHC (Lindane)

R.T.: 3.488 min
Delta R.T.: -0.008 min
Response: 119909109
Conc: 43.59 ng/ml



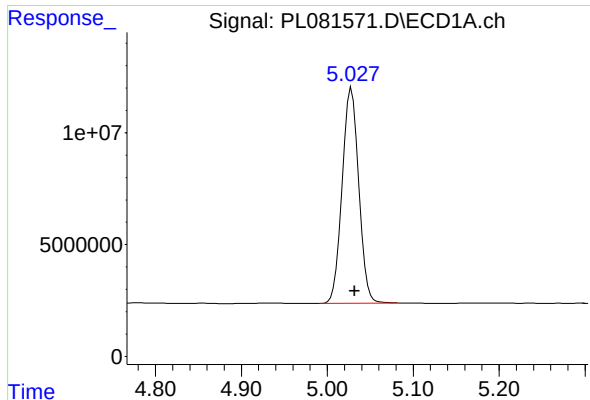
#4 Heptachlor

R.T.: 4.691 min
Delta R.T.: -0.003 min
Response: 142428012
Conc: 51.62 ng/ml



#4 Heptachlor

R.T.: 3.822 min
Delta R.T.: -0.008 min
Response: 125816853
Conc: 45.59 ng/ml



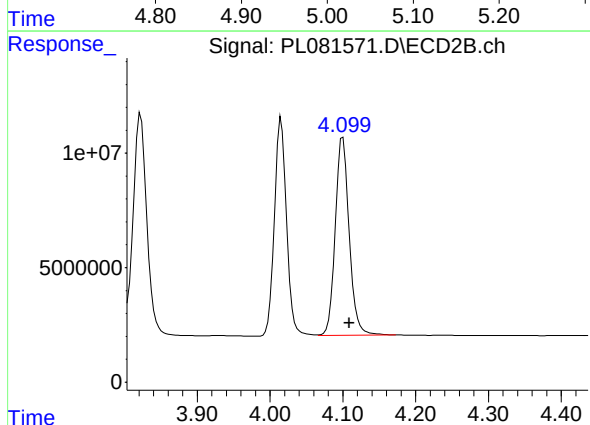
#5 Aldrin

R.T.: 5.028 min
Delta R.T.: -0.003 min
Response: 128821558
Conc: 50.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151511BS

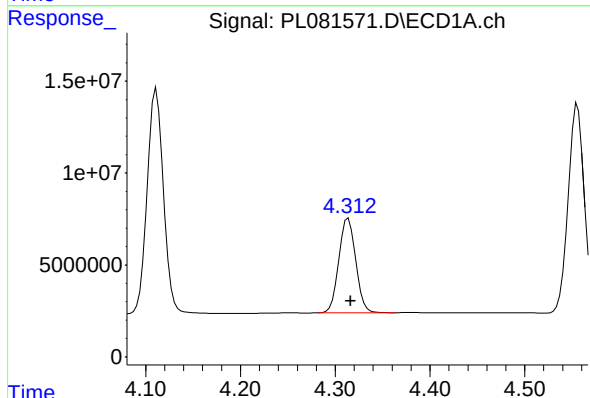
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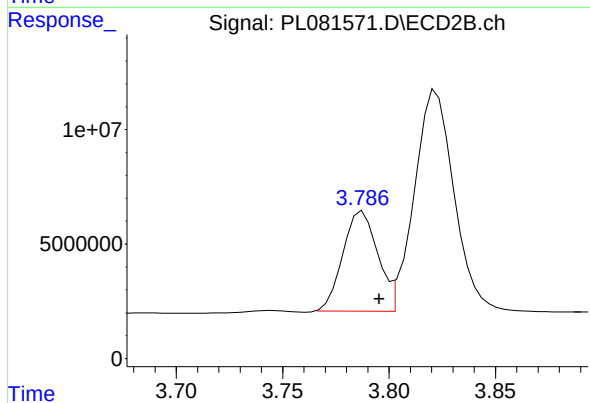
#5 Aldrin

R.T.: 4.100 min
Delta R.T.: -0.009 min
Response: 114979529
Conc: 43.86 ng/ml



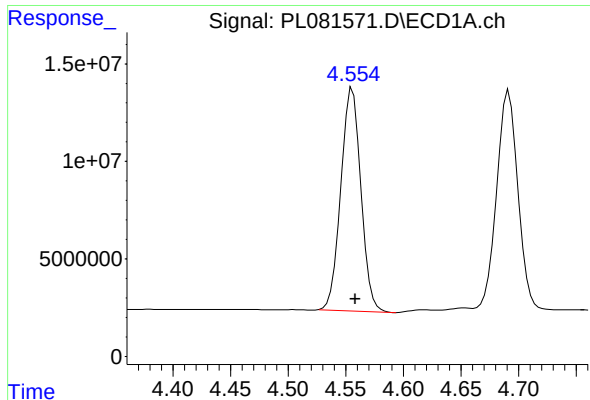
#6 beta-BHC

R.T.: 4.314 min
Delta R.T.: -0.003 min
Response: 63648051
Conc: 46.24 ng/ml



#6 beta-BHC

R.T.: 3.788 min
Delta R.T.: -0.008 min
Response: 49637995
Conc: 42.77 ng/ml



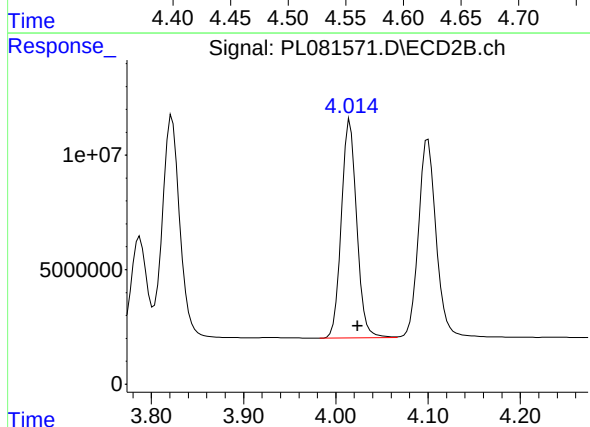
#7 delta-BHC

R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 137070922
Conc: 49.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151511BS

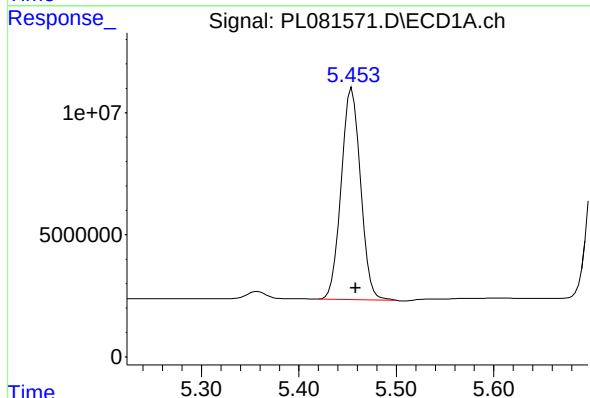
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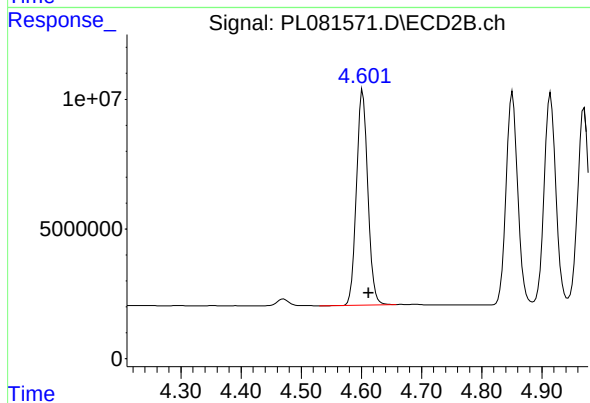
#7 delta-BHC

R.T.: 4.015 min
Delta R.T.: -0.009 min
Response: 110167217
Conc: 43.26 ng/ml



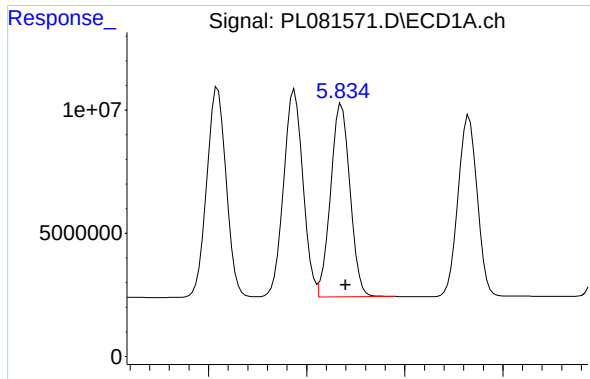
#8 Heptachlor epoxide

R.T.: 5.455 min
Delta R.T.: -0.004 min
Response: 119475576
Conc: 50.62 ng/ml



#8 Heptachlor epoxide

R.T.: 4.602 min
Delta R.T.: -0.010 min
Response: 108786164
Conc: 44.99 ng/ml



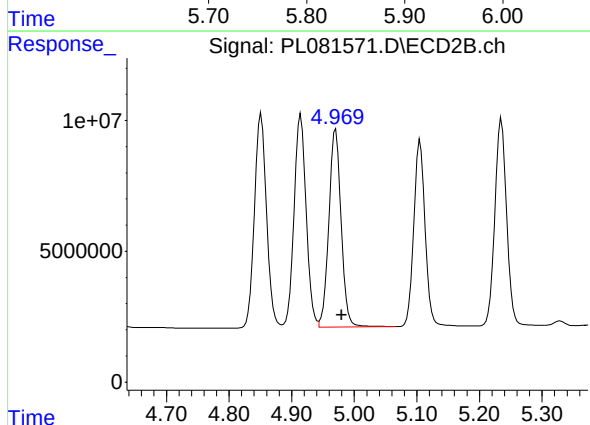
#9 Endosulfan I

R.T.: 5.835 min
Delta R.T.: -0.004 min
Response: 108182547
Conc: 51.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151511BS

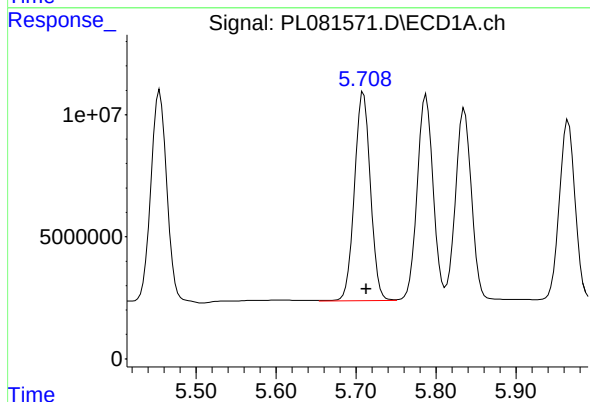
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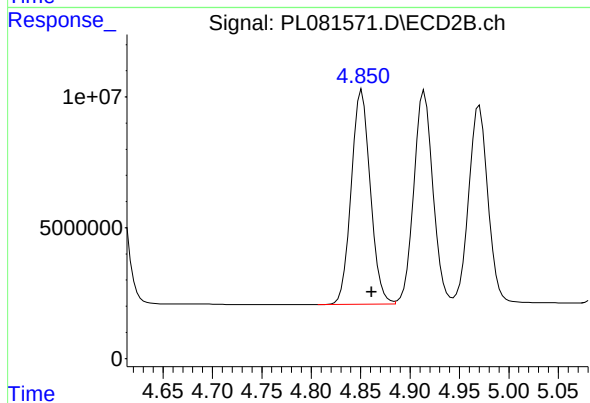
#9 Endosulfan I

R.T.: 4.970 min
Delta R.T.: -0.010 min
Response: 102856203
Conc: 45.44 ng/ml



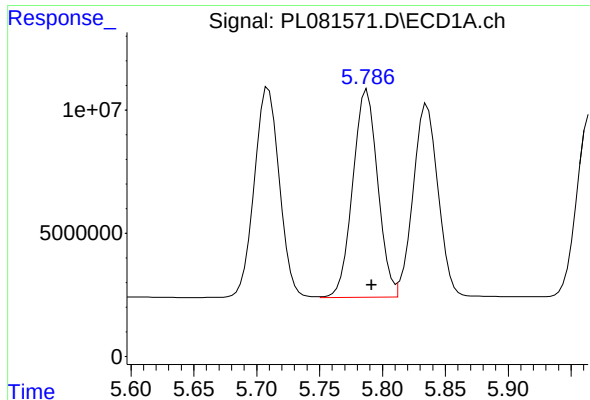
#10 gamma-Chlordane

R.T.: 5.709 min
Delta R.T.: -0.004 min
Response: 118660862
Conc: 52.00 ng/ml



#10 gamma-Chlordane

R.T.: 4.851 min
Delta R.T.: -0.010 min
Response: 110033752
Conc: 44.95 ng/ml



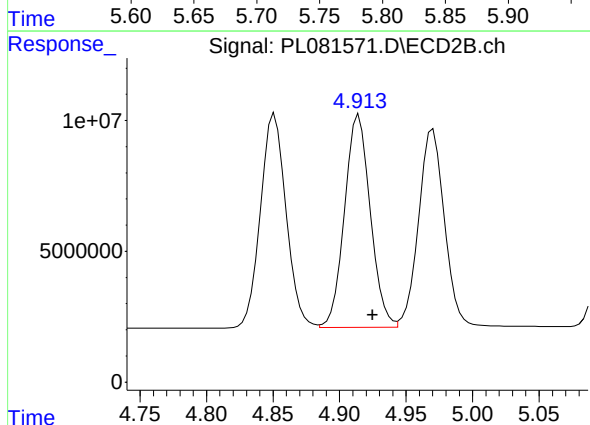
#11 alpha-Chlordane

R.T.: 5.788 min
Delta R.T.: -0.004 min
Response: 116153879
Conc: 51.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151511BS

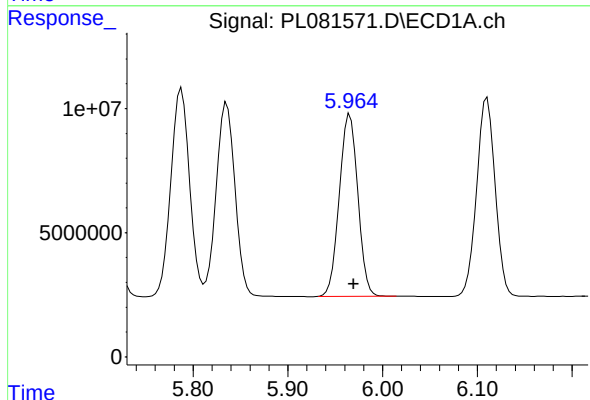
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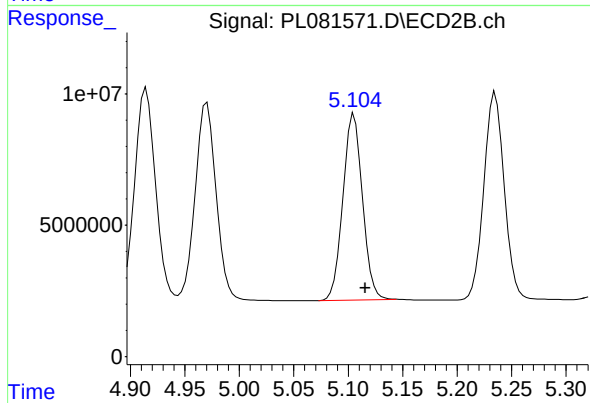
#11 alpha-Chlordane

R.T.: 4.915 min
Delta R.T.: -0.010 min
Response: 109779167
Conc: 44.83 ng/ml



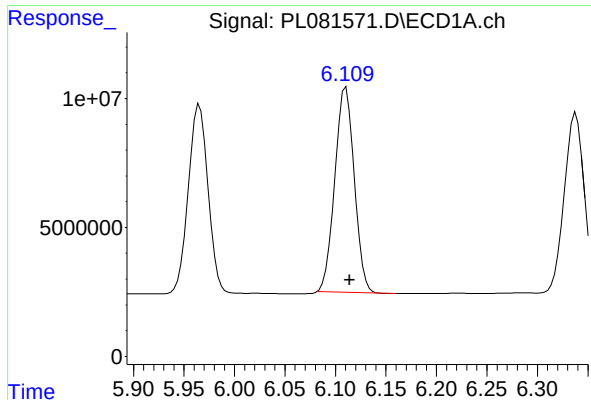
#12 4,4'-DDE

R.T.: 5.965 min
Delta R.T.: -0.004 min
Response: 99560466
Conc: 50.88 ng/ml



#12 4,4'-DDE

R.T.: 5.104 min
Delta R.T.: -0.012 min
Response: 88369891
Conc: 45.02 ng/ml m



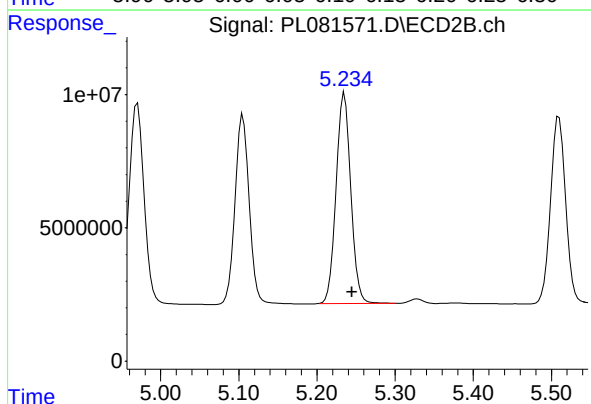
#13 Dieldrin

R.T.: 6.110 min
Delta R.T.: -0.004 min
Response: 106528604
Conc: 50.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151511BS

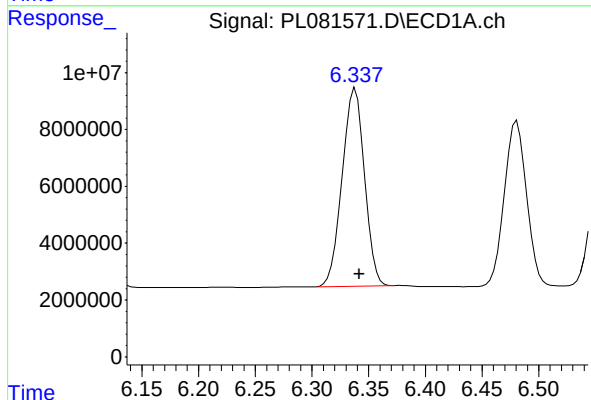
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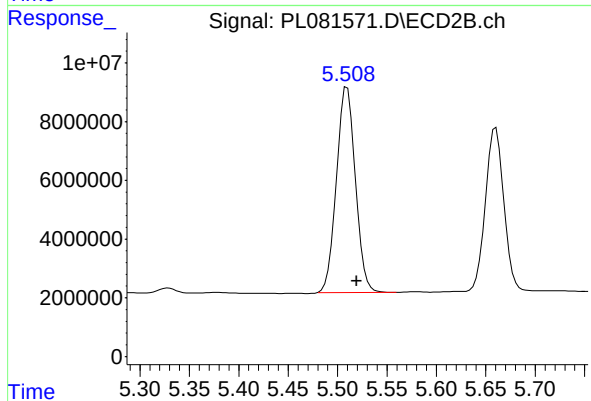
#13 Dieldrin

R.T.: 5.235 min
Delta R.T.: -0.010 min
Response: 103293109
Conc: 45.82 ng/ml



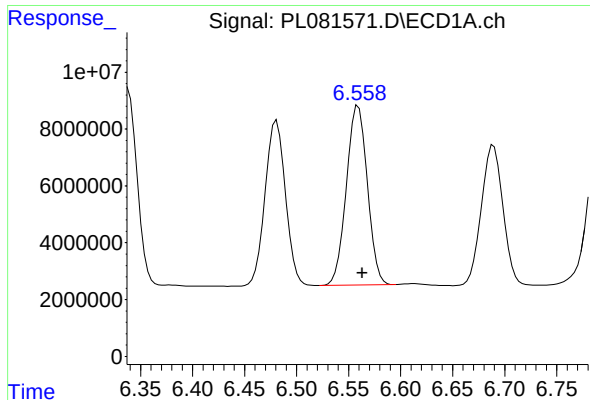
#14 Endrin

R.T.: 6.338 min
Delta R.T.: -0.004 min
Response: 95314614
Conc: 52.44 ng/ml



#14 Endrin

R.T.: 5.510 min
Delta R.T.: -0.009 min
Response: 93277722
Conc: 46.42 ng/ml



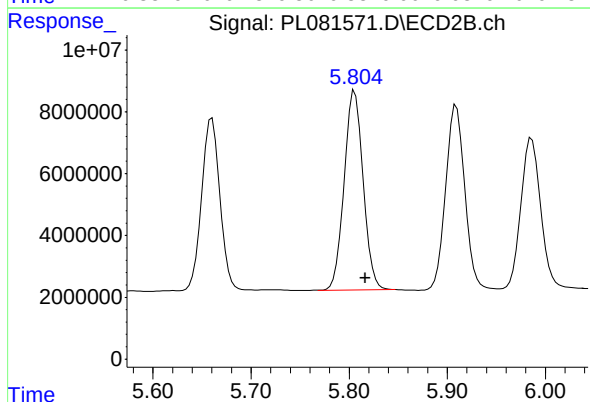
#15 Endosulfan II

R.T.: 6.559 min
Delta R.T.: -0.004 min
Response: 88662819
Conc: 50.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151511BS

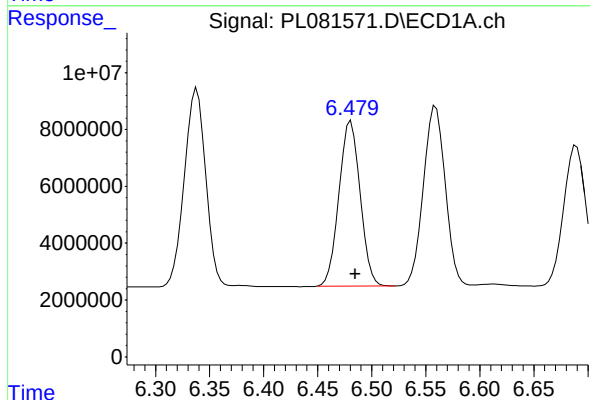
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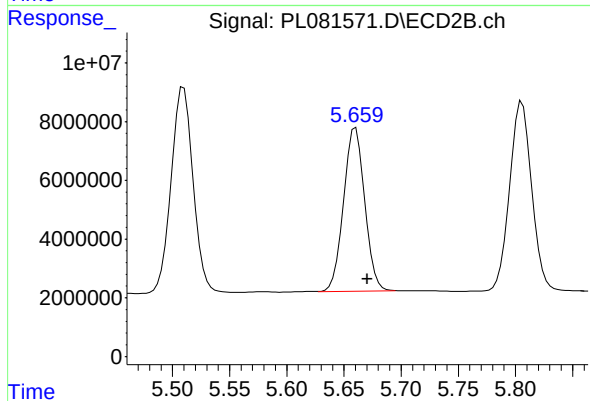
#15 Endosulfan II

R.T.: 5.804 min
Delta R.T.: -0.012 min
Response: 86595191
Conc: 46.97 ng/ml m



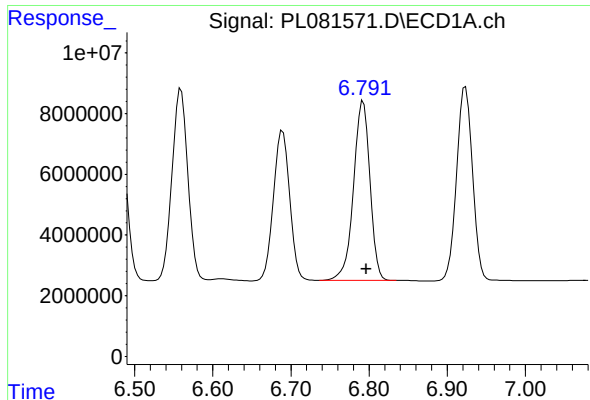
#16 4,4'-DDD

R.T.: 6.481 min
Delta R.T.: -0.004 min
Response: 79208341
Conc: 51.45 ng/ml



#16 4,4'-DDD

R.T.: 5.659 min
Delta R.T.: -0.012 min
Response: 72030486
Conc: 46.95 ng/ml m



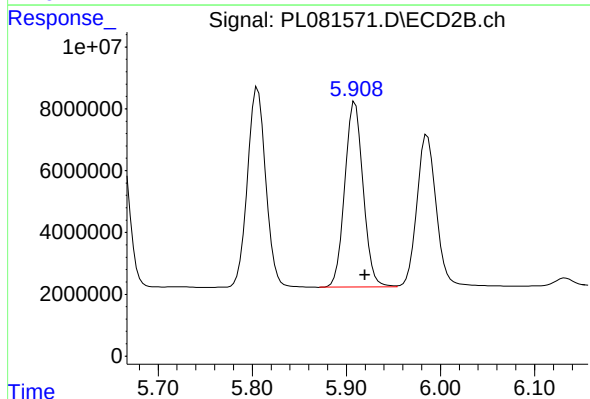
#17 4,4'-DDT

R.T.: 6.793 min
Delta R.T.: -0.004 min
Response: 86463276
Conc: 54.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151511BS

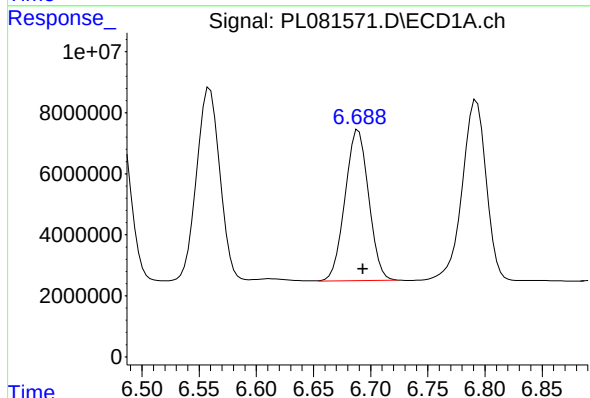
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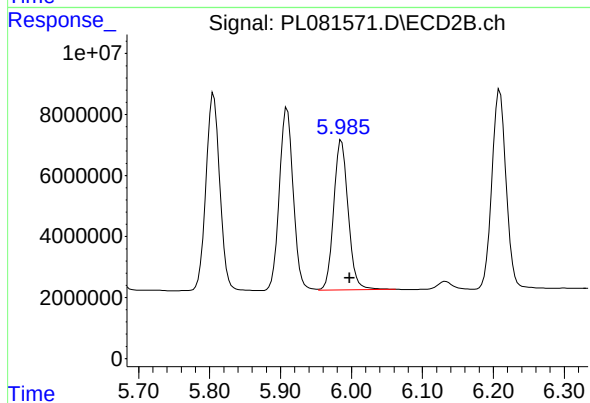
#17 4,4'-DDT

R.T.: 5.909 min
Delta R.T.: -0.010 min
Response: 81215798
Conc: 50.62 ng/ml



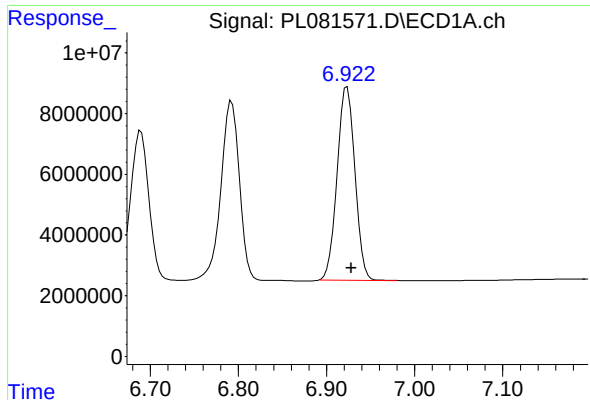
#18 Endrin aldehyde

R.T.: 6.688 min
Delta R.T.: -0.005 min
Response: 71438575
Conc: 49.91 ng/ml m



#18 Endrin aldehyde

R.T.: 5.986 min
Delta R.T.: -0.011 min
Response: 69499636
Conc: 45.87 ng/ml



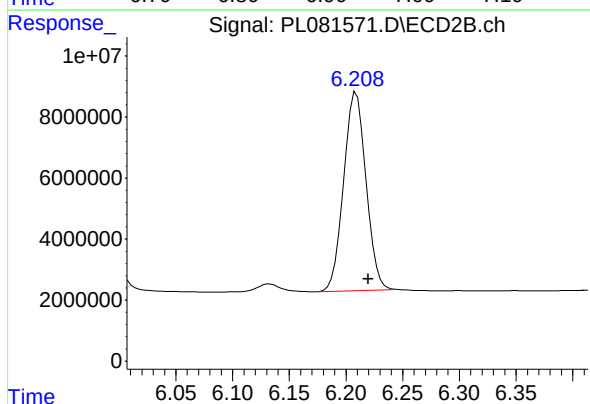
#19 Endosulfan Sulfate

R.T.: 6.923 min
Delta R.T.: -0.005 min
Response: 89717913
Conc: 49.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151511BS

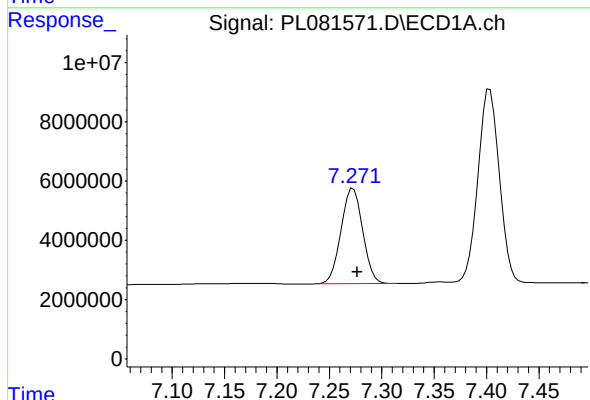
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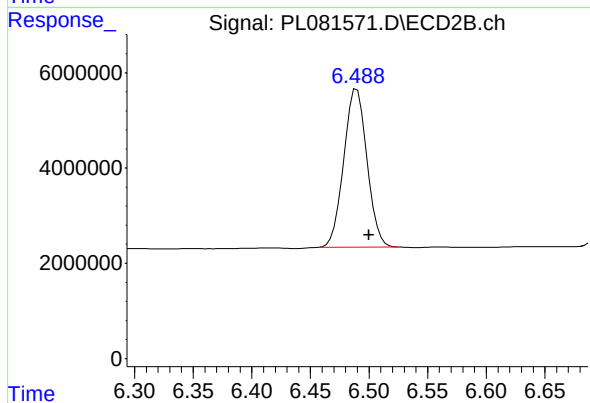
#19 Endosulfan Sulfate

R.T.: 6.208 min
Delta R.T.: -0.012 min
Response: 89264784
Conc: 46.44 ng/ml m



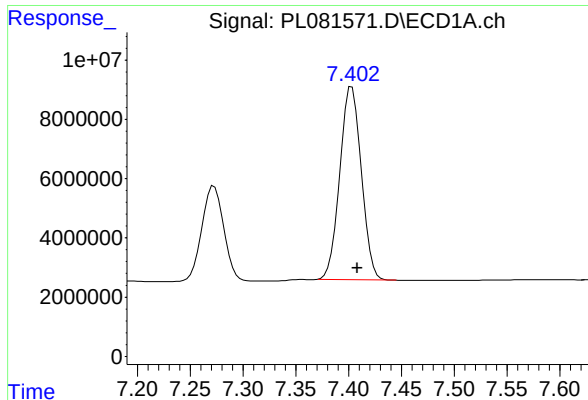
#20 Methoxychlor

R.T.: 7.273 min
Delta R.T.: -0.004 min
Response: 46264656
Conc: 53.71 ng/ml



#20 Methoxychlor

R.T.: 6.488 min
Delta R.T.: -0.012 min
Response: 45740378
Conc: 49.28 ng/ml m



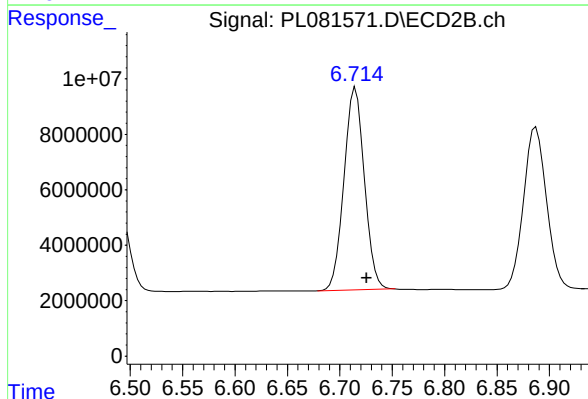
#21 Endrin ketone

R.T.: 7.403 min
Delta R.T.: -0.005 min
Response: 92533047
Conc: 51.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151511BS

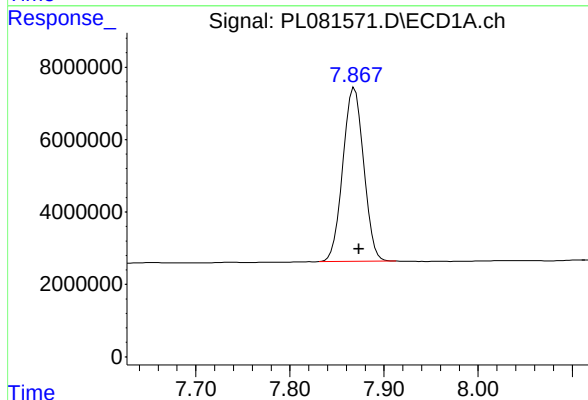
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Supervised By :Ankita Jodhani 03/21/2023



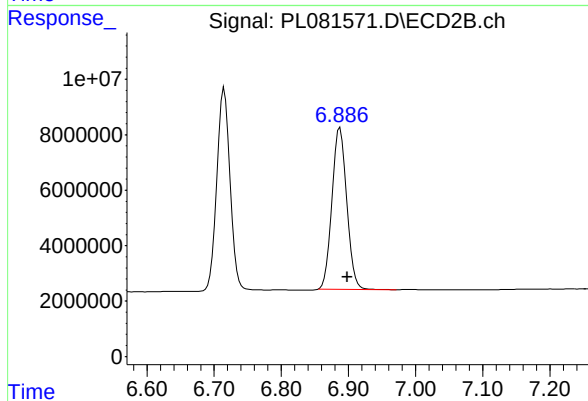
#21 Endrin ketone

R.T.: 6.714 min
Delta R.T.: -0.012 min
Response: 99350259
Conc: 46.14 ng/ml m



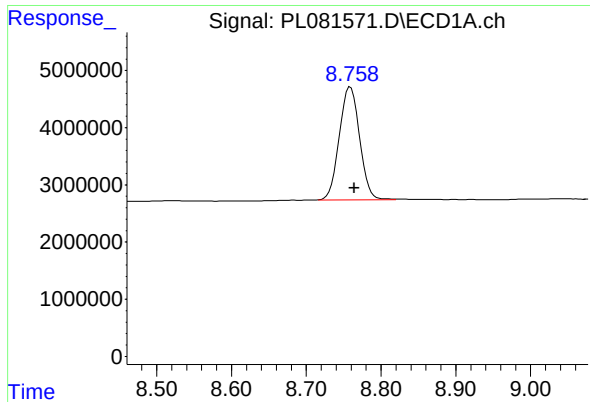
#22 Mirex

R.T.: 7.869 min
Delta R.T.: -0.005 min
Response: 73978384
Conc: 50.70 ng/ml



#22 Mirex

R.T.: 6.887 min
Delta R.T.: -0.011 min
Response: 89217872
Conc: 46.36 ng/ml



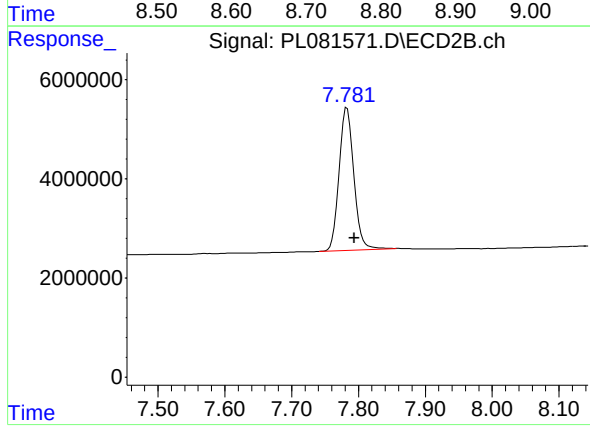
#28 Decachlorobiphenyl

R.T.: 8.759 min
Delta R.T.: -0.005 min
Response: 37319767
Conc: 24.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151511BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2023
Supervised By :Ankita Jodhani 03/21/2023



#28 Decachlorobiphenyl

R.T.: 7.783 min
Delta R.T.: -0.011 min
Response: 43999020
Conc: 22.97 ng/ml