

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030723\
 Data File : PL081308.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2023 18:21
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/08/2023
 Supervised By :Ankita Jodhani 03/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 19:46:40 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...	3.334	2.665	109.2E6	101.2E6	50.523	49.991
28)	SA Decachlor...	8.759	7.789	78177510	93442490	51.279	48.781
Target Compounds							
2)	A alpha-BHC	3.783	3.165	164.6E6	145.2E6	51.753	49.548
3)	MA gamma-BHC...	4.111	3.494	152.9E6	136.7E6	51.669	49.684
4)	MA Heptachlor	4.691	3.828	142.4E6	136.3E6	51.590	49.389
5)	MB Aldrin	5.028	4.105	134.7E6	129.6E6	52.948	49.437
6)	B beta-BHC	4.314	3.793	67738660	58806265	49.212	50.668
7)	B delta-BHC	4.556	4.020	146.2E6	129.2E6	52.608	50.726
8)	B Heptachlo...	5.455	4.608	119.5E6	120.2E6	50.624	49.728
9)	A Endosulfan I	5.836	4.976	111.3E6	112.5E6	52.662	49.720
10)	B gamma-Chl...	5.710	4.857	122.5E6	121.4E6	53.686	49.610
11)	B alpha-Chl...	5.788	4.920	120.0E6	120.5E6	53.256	49.228
12)	B 4,4'-DDE	5.965	5.111	105.4E6	104.8E6	53.890	53.417
13)	MA Dieldrin	6.110	5.241	111.2E6	112.3E6	53.113	49.836
14)	MA Endrin	6.337	5.515	92317220	95329391	50.794	47.436
15)	B Endosulfa...	6.559	5.811	91193813	92006828	52.305	49.903
16)	A 4,4'-DDD	6.481	5.666	89847731	89073167	58.366	58.062
17)	MA 4,4'-DDT	6.792	5.915	75295956	74366997	47.436	46.355
18)	B Endrin al...	6.688	5.991	71299484	72595612	49.813m	47.916
19)	B Endosulfa...	6.924	6.215	92546907	94666708	51.544	49.253
20)	A Methoxychlor	7.273	6.494	40653623	42504983	47.197	45.798
21)	B Endrin ke...	7.404	6.720	96531510	104.4E6	53.215	48.497
22)	Mirex	7.869	6.893	75373575	90285308	51.657	46.910

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030723\
 Data File : PL081308.D
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 Acq On : 07 Mar 2023 18:21
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

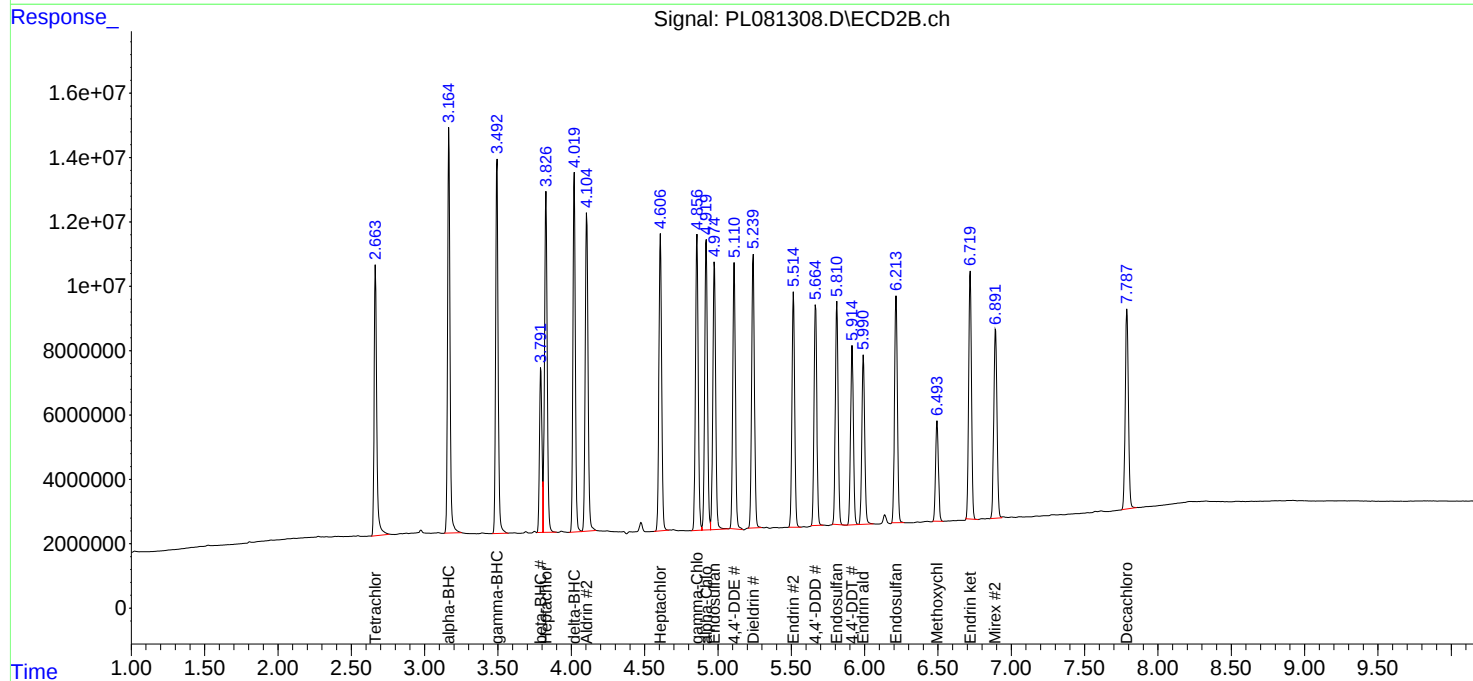
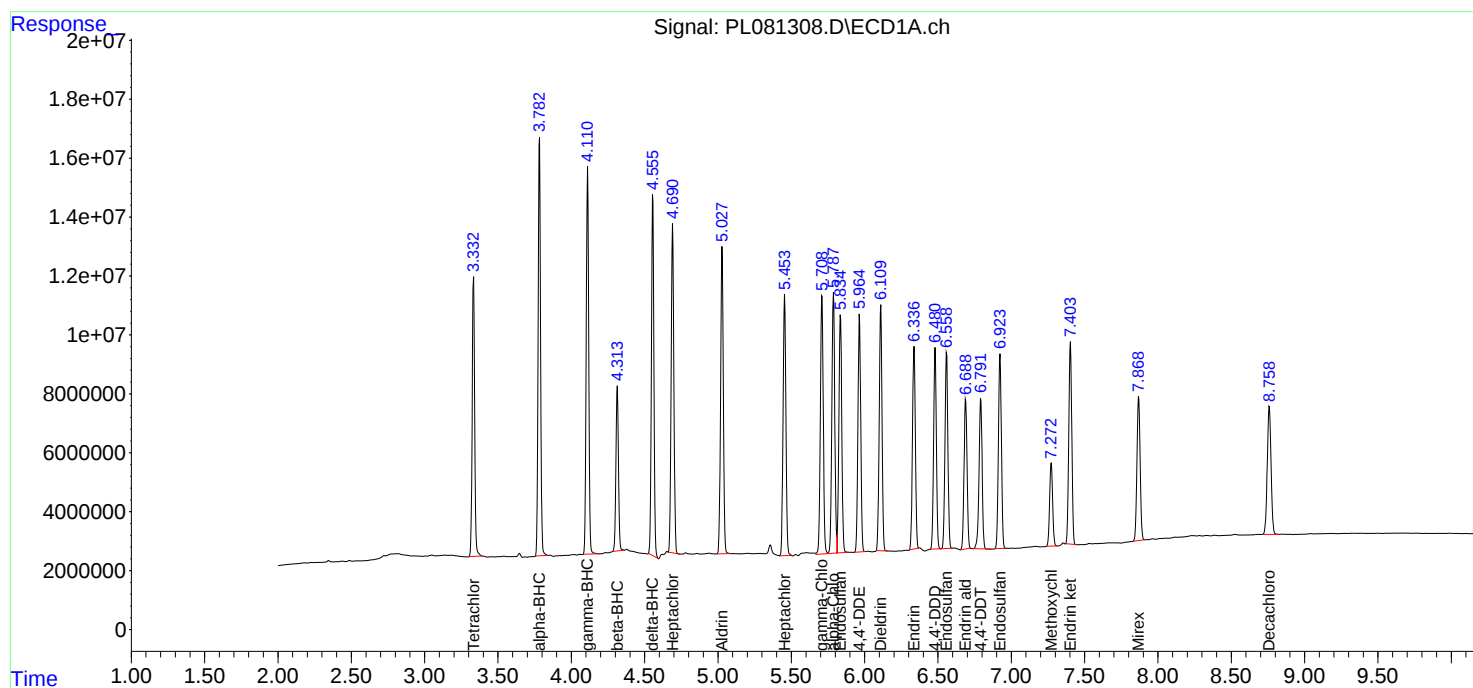
APPROVED

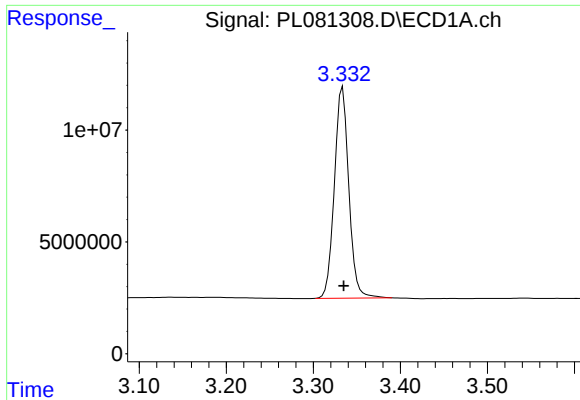
Reviewed By :Abdul Mirza 03/08/2023

Supervised By :Ankita Jodhani 03/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 19:46:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
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Volume Inj. : 1 µl
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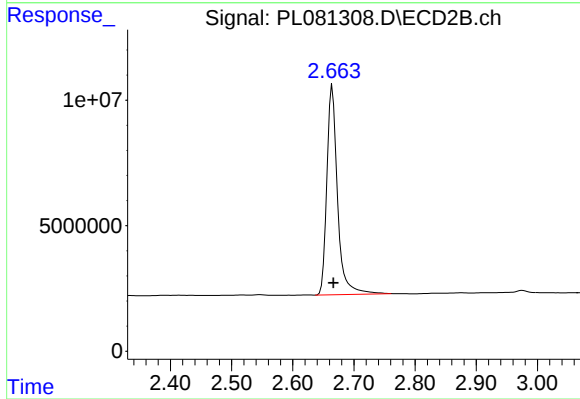
#1 Tetrachloro-m-xylene

R.T.: 3.334 min
Delta R.T.: -0.001 min
Response: 109158540
Conc: 50.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

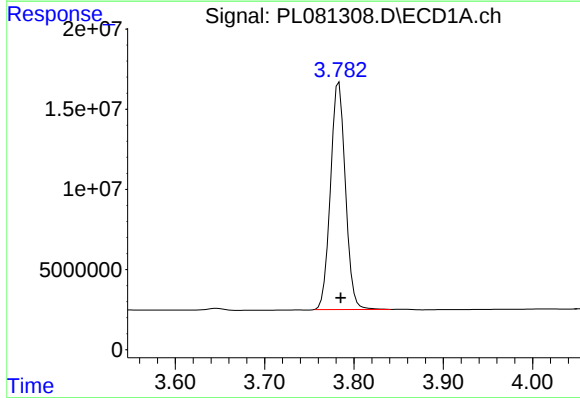
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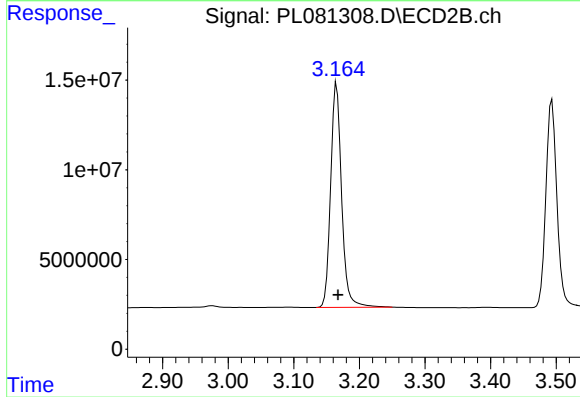
#1 Tetrachloro-m-xylene

R.T.: 2.665 min
Delta R.T.: -0.002 min
Response: 101172474
Conc: 49.99 ng/ml



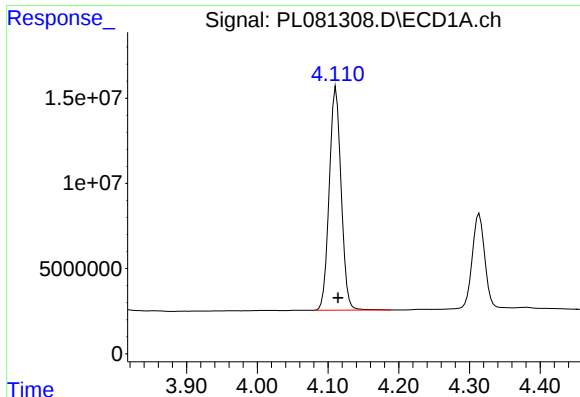
#2 alpha-BHC

R.T.: 3.783 min
Delta R.T.: -0.002 min
Response: 164639200
Conc: 51.75 ng/ml



#2 alpha-BHC

R.T.: 3.165 min
Delta R.T.: -0.002 min
Response: 145206433
Conc: 49.55 ng/ml



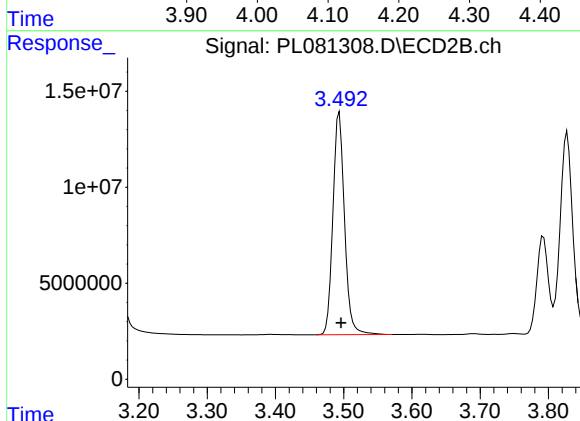
#3 gamma-BHC (Lindane)

R.T.: 4.111 min
Delta R.T.: -0.003 min
Response: 152866947
Conc: 51.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

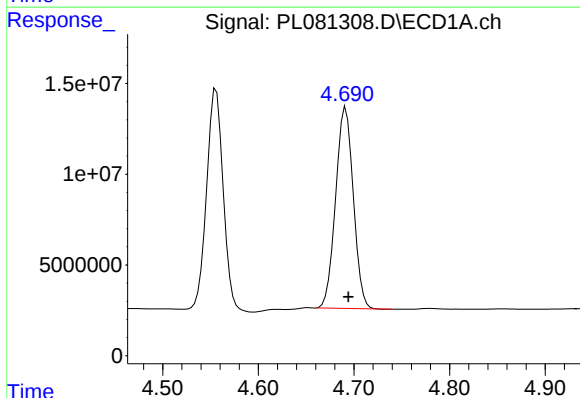
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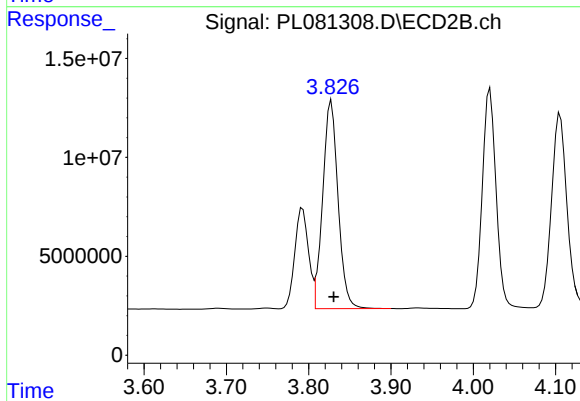
#3 gamma-BHC (Lindane)

R.T.: 3.494 min
Delta R.T.: -0.003 min
Response: 136684592
Conc: 49.68 ng/ml



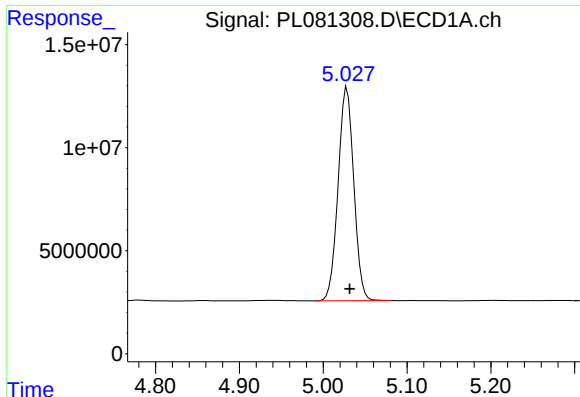
#4 Heptachlor

R.T.: 4.691 min
Delta R.T.: -0.003 min
Response: 142356570
Conc: 51.59 ng/ml



#4 Heptachlor

R.T.: 3.828 min
Delta R.T.: -0.003 min
Response: 136289812
Conc: 49.39 ng/ml



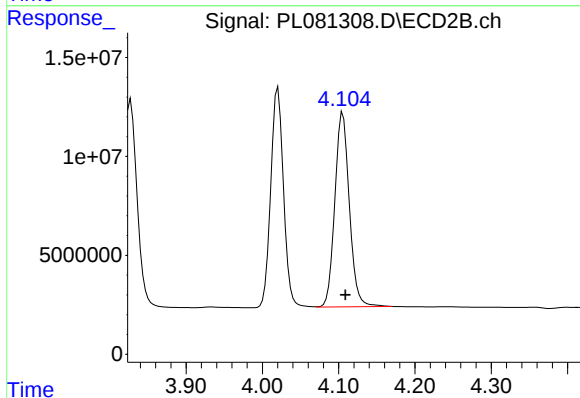
#5 Aldrin

R.T.: 5.028 min
Delta R.T.: -0.003 min
Response: 134706509
Conc: 52.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

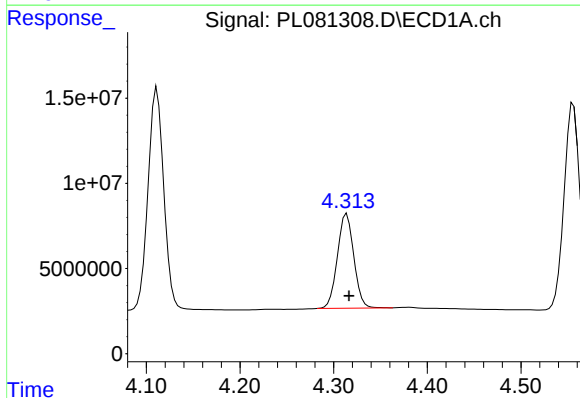
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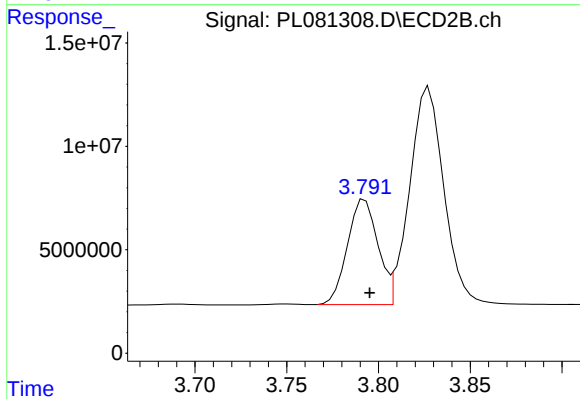
#5 Aldrin

R.T.: 4.105 min
Delta R.T.: -0.003 min
Response: 129611954
Conc: 49.44 ng/ml



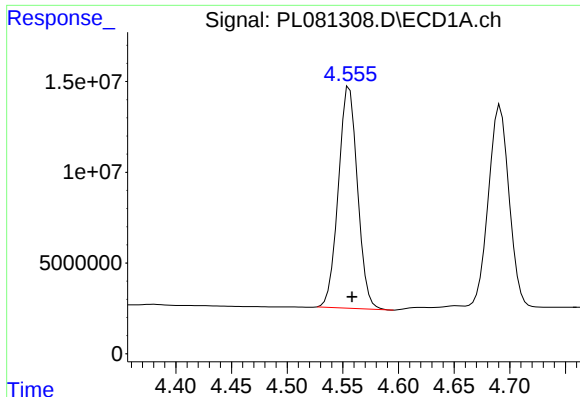
#6 beta-BHC

R.T.: 4.314 min
Delta R.T.: -0.002 min
Response: 67738660
Conc: 49.21 ng/ml



#6 beta-BHC

R.T.: 3.793 min
Delta R.T.: -0.003 min
Response: 58806265
Conc: 50.67 ng/ml



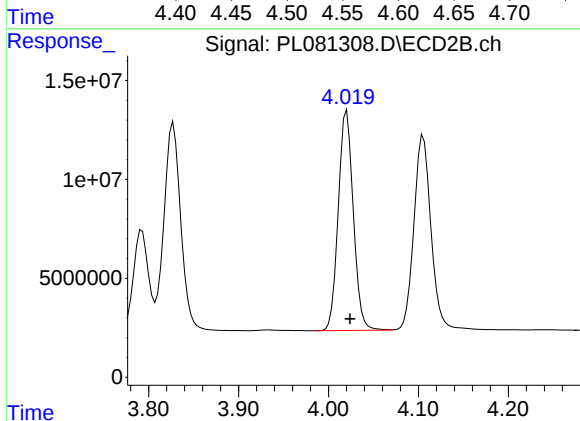
#7 delta-BHC

R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 146207880
Conc: 52.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

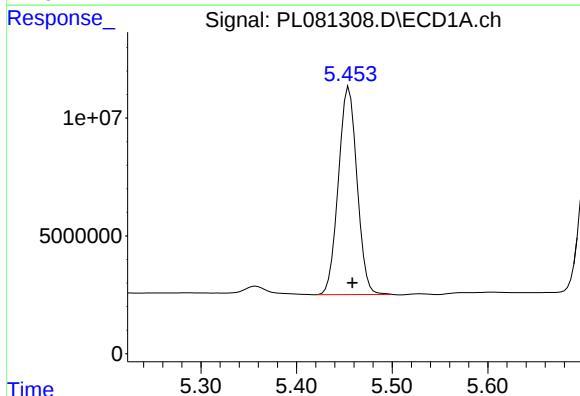
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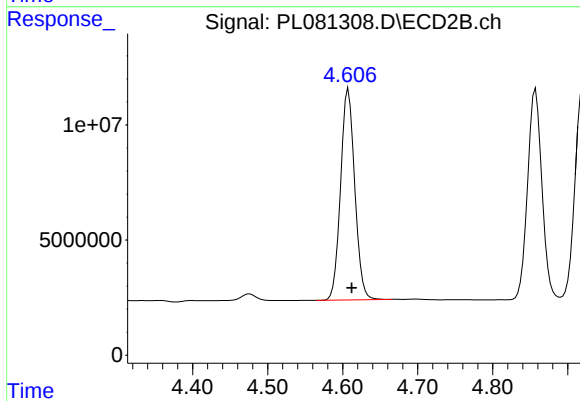
#7 delta-BHC

R.T.: 4.020 min
Delta R.T.: -0.004 min
Response: 129180889
Conc: 50.73 ng/ml



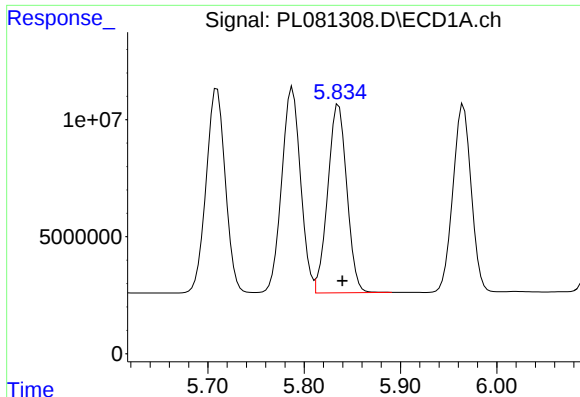
#8 Heptachlor epoxide

R.T.: 5.455 min
Delta R.T.: -0.004 min
Response: 119472884
Conc: 50.62 ng/ml



#8 Heptachlor epoxide

R.T.: 4.608 min
Delta R.T.: -0.004 min
Response: 120247621
Conc: 49.73 ng/ml



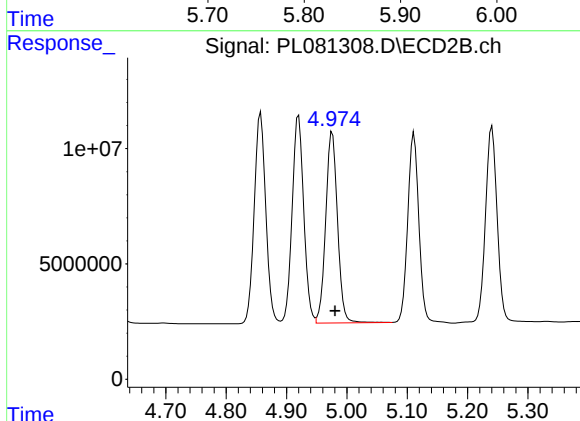
#9 Endosulfan I

R.T.: 5.836 min
Delta R.T.: -0.004 min
Response: 111260122
Conc: 52.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#9 Endosulfan I

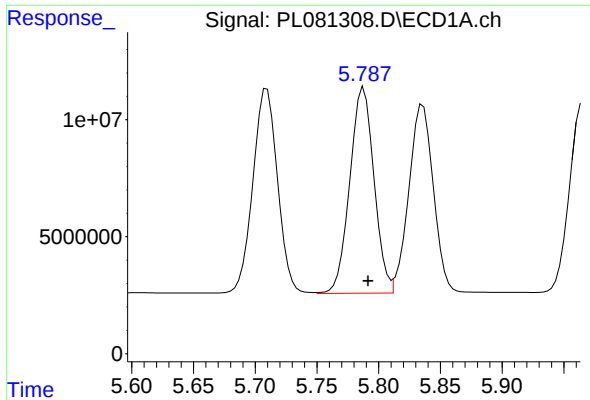
R.T.: 4.976 min
Delta R.T.: -0.005 min
Response: 112549599
Conc: 49.72 ng/ml

#10 gamma-Chlordane

R.T.: 5.710 min
Delta R.T.: -0.003 min
Response: 122505533
Conc: 53.69 ng/ml

#10 gamma-Chlordane

R.T.: 4.857 min
Delta R.T.: -0.004 min
Response: 121432566
Conc: 49.61 ng/ml



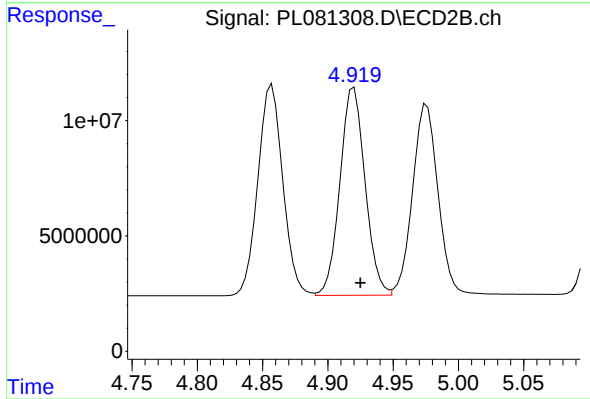
#11 alpha-Chlordane

R.T.: 5.788 min
Delta R.T.: -0.003 min
Response: 119982130
Conc: 53.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

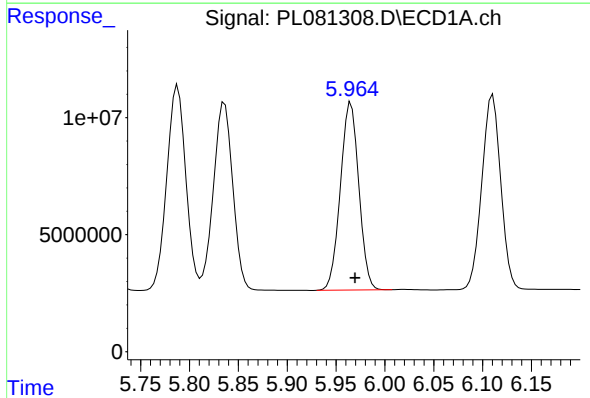
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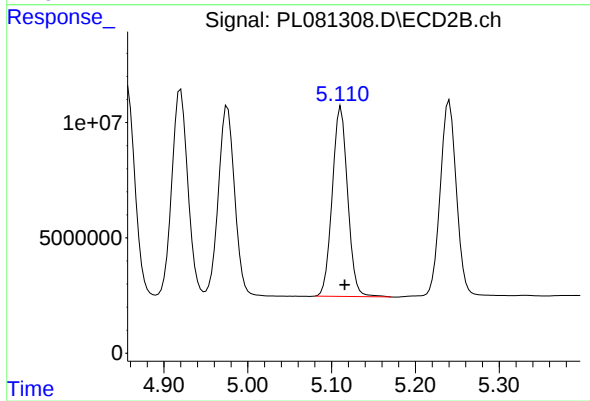
#11 alpha-Chlordane

R.T.: 4.920 min
Delta R.T.: -0.005 min
Response: 120537230
Conc: 49.23 ng/ml



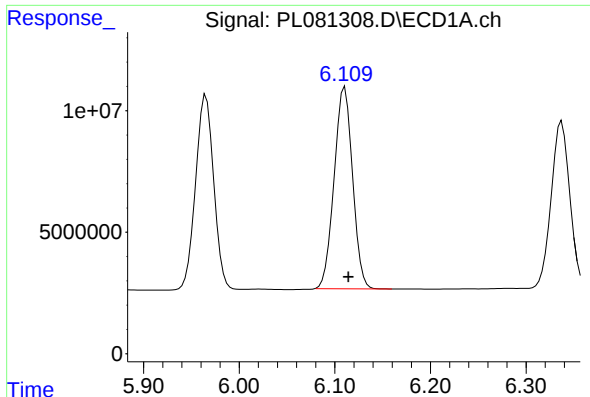
#12 4,4'-DDE

R.T.: 5.965 min
Delta R.T.: -0.004 min
Response: 105441613
Conc: 53.89 ng/ml



#12 4,4'-DDE

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 104849614
Conc: 53.42 ng/ml



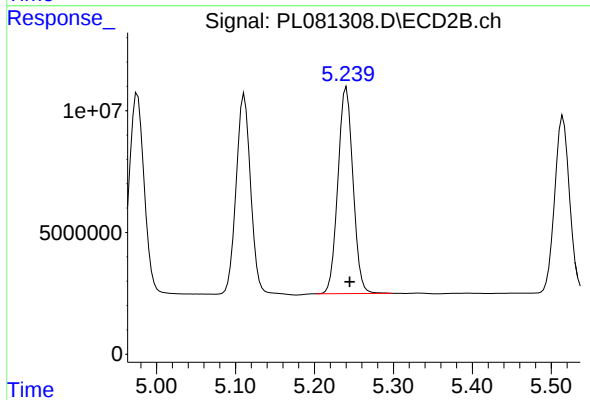
#13 Dieldrin

R.T.: 6.110 min
Delta R.T.: -0.004 min
Response: 111165291
Conc: 53.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

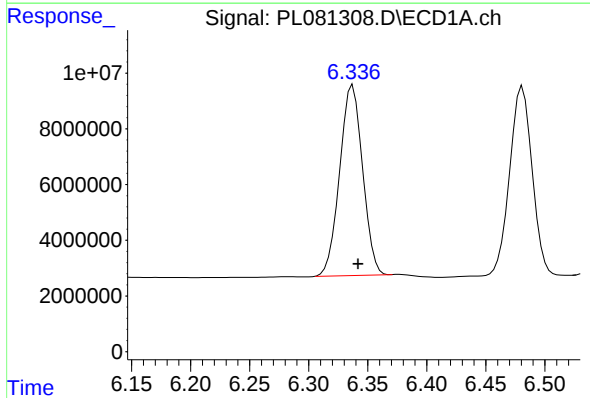
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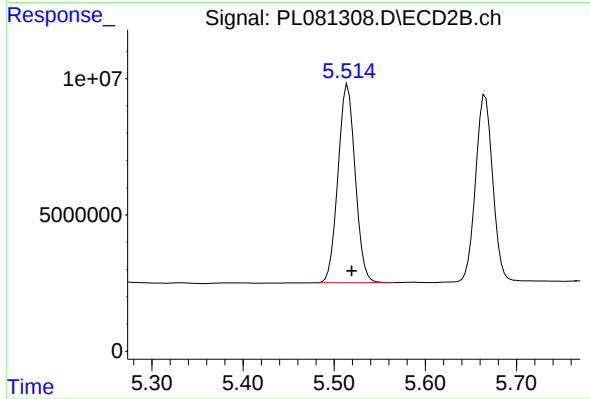
#13 Dieldrin

R.T.: 5.241 min
Delta R.T.: -0.004 min
Response: 112347979
Conc: 49.84 ng/ml



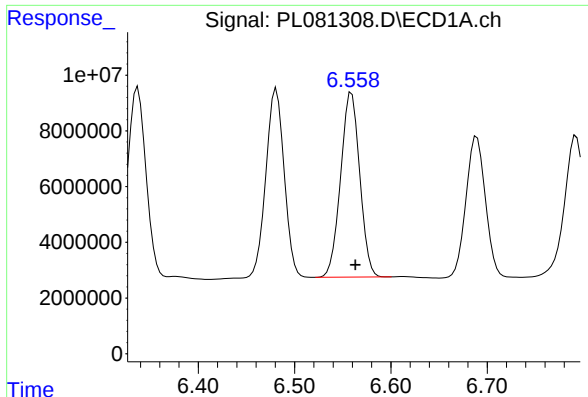
#14 Endrin

R.T.: 6.337 min
Delta R.T.: -0.005 min
Response: 92317220
Conc: 50.79 ng/ml



#14 Endrin

R.T.: 5.515 min
Delta R.T.: -0.004 min
Response: 95329391
Conc: 47.44 ng/ml



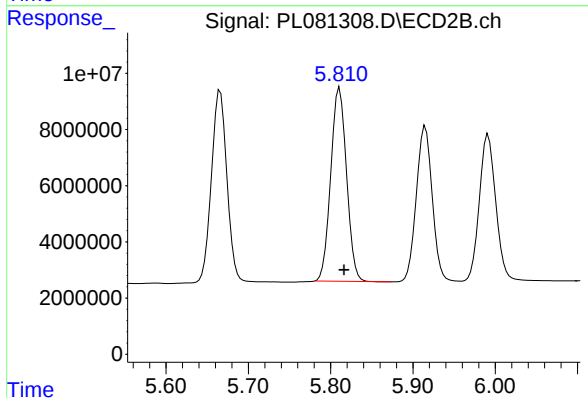
#15 Endosulfan II

R.T.: 6.559 min
Delta R.T.: -0.004 min
Response: 91193813
Conc: 52.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

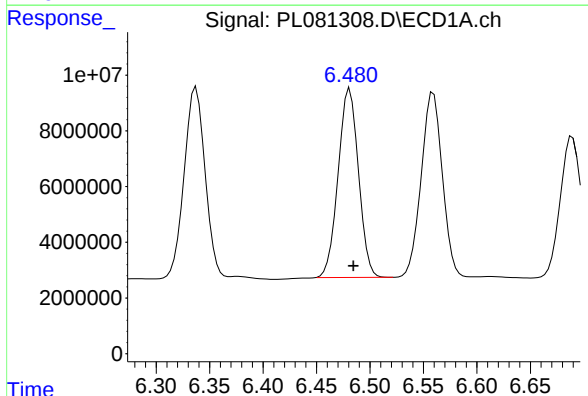
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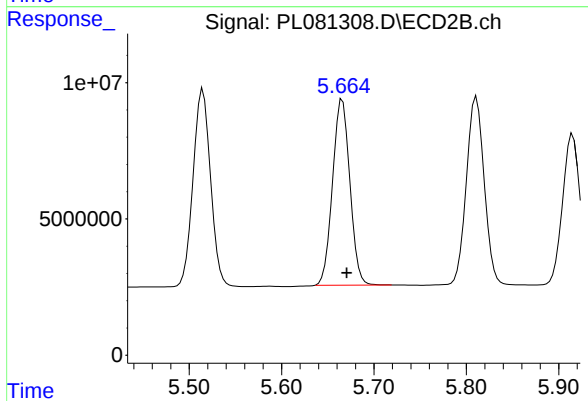
#15 Endosulfan II

R.T.: 5.811 min
Delta R.T.: -0.005 min
Response: 92006828
Conc: 49.90 ng/ml



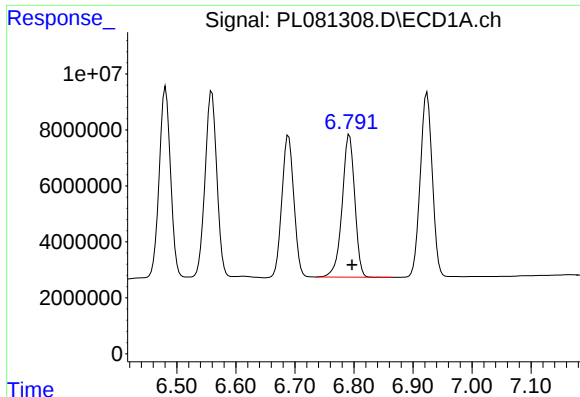
#16 4,4'-DDD

R.T.: 6.481 min
Delta R.T.: -0.004 min
Response: 89847731
Conc: 58.37 ng/ml



#16 4,4'-DDD

R.T.: 5.666 min
Delta R.T.: -0.005 min
Response: 89073167
Conc: 58.06 ng/ml



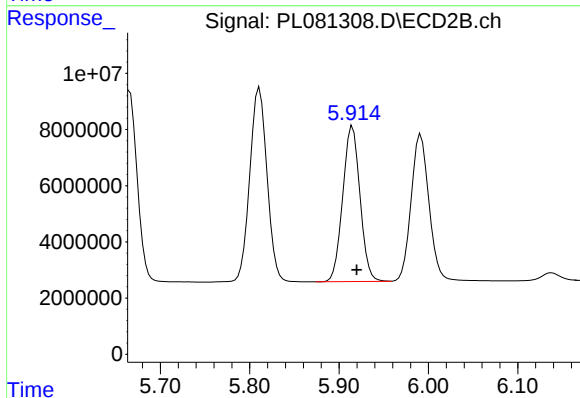
#17 4,4'-DDT

R.T.: 6.792 min
Delta R.T.: -0.004 min
Response: 75295956
Conc: 47.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

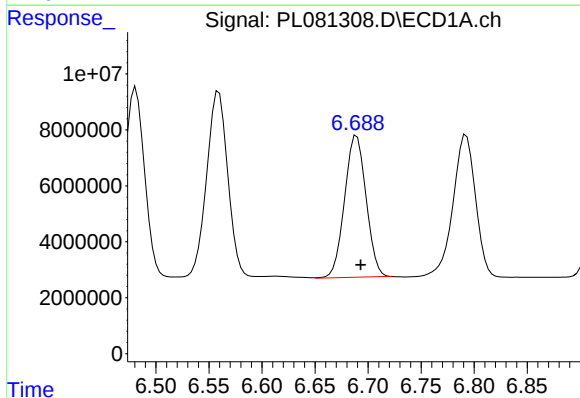
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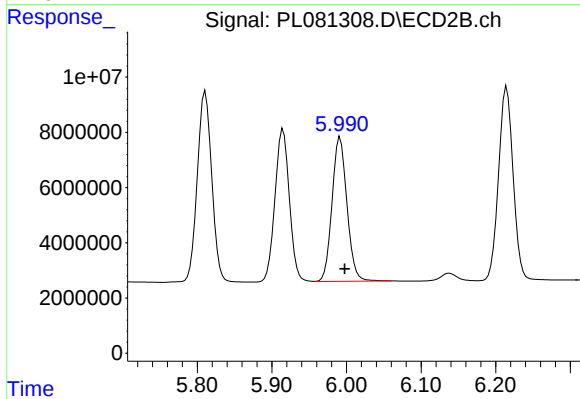
#17 4,4'-DDT

R.T.: 5.915 min
Delta R.T.: -0.005 min
Response: 74366997
Conc: 46.35 ng/ml



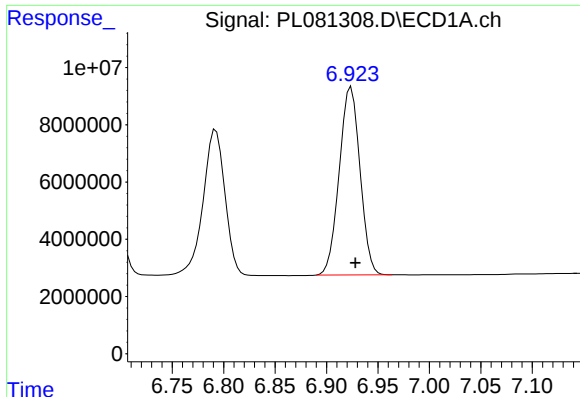
#18 Endrin aldehyde

R.T.: 6.688 min
Delta R.T.: -0.005 min
Response: 71299484
Conc: 49.81 ng/ml m



#18 Endrin aldehyde

R.T.: 5.991 min
Delta R.T.: -0.006 min
Response: 72595612
Conc: 47.92 ng/ml



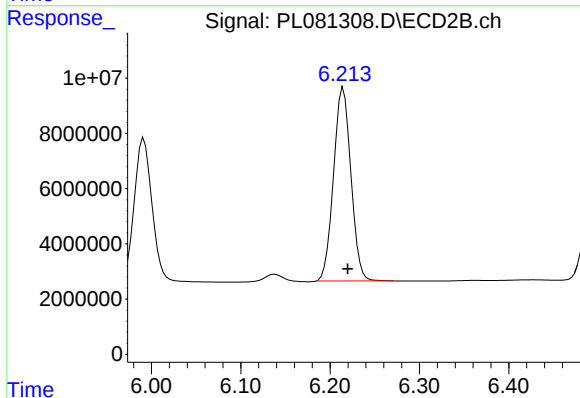
#19 Endosulfan Sulfate

R.T.: 6.924 min
Delta R.T.: -0.004 min
Response: 92546907
Conc: 51.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

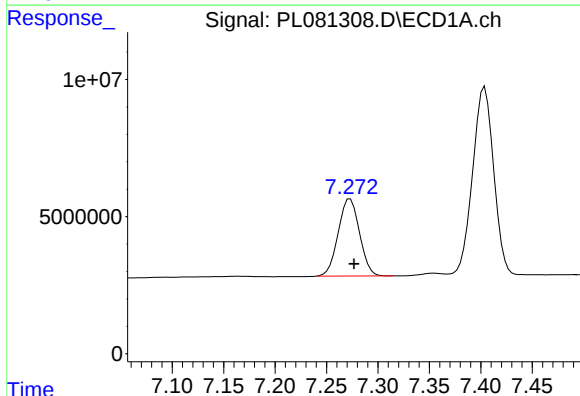
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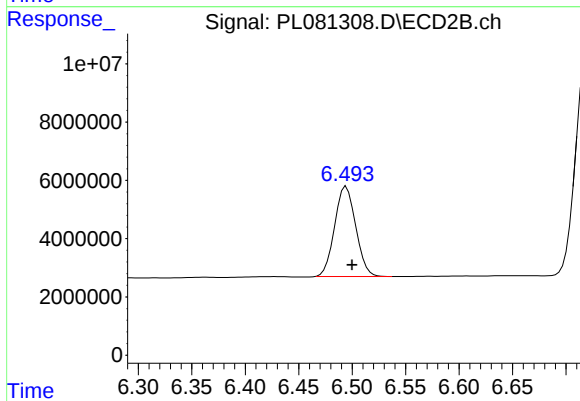
#19 Endosulfan Sulfate

R.T.: 6.215 min
Delta R.T.: -0.005 min
Response: 94666708
Conc: 49.25 ng/ml



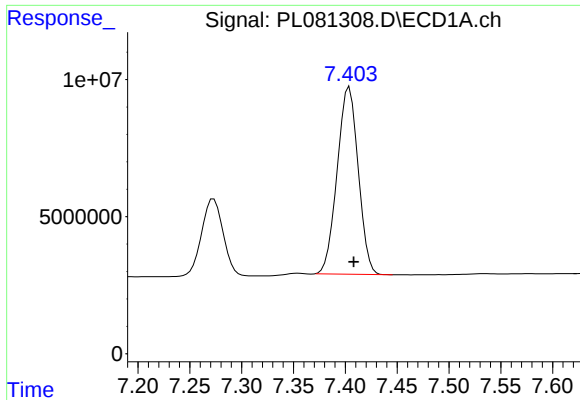
#20 Methoxychlor

R.T.: 7.273 min
Delta R.T.: -0.004 min
Response: 40653623
Conc: 47.20 ng/ml



#20 Methoxychlor

R.T.: 6.494 min
Delta R.T.: -0.006 min
Response: 42504983
Conc: 45.80 ng/ml



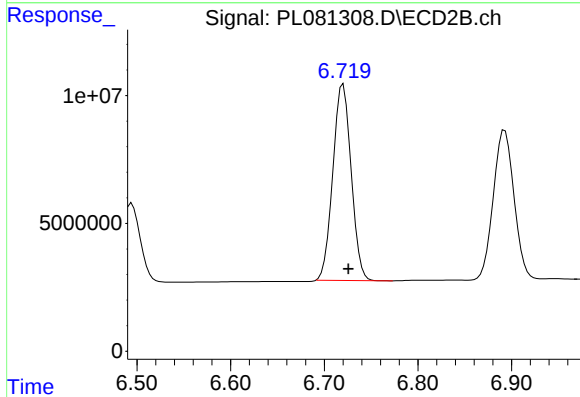
#21 Endrin ketone

R.T.: 7.404 min
Delta R.T.: -0.004 min
Response: 96531510
Conc: 53.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

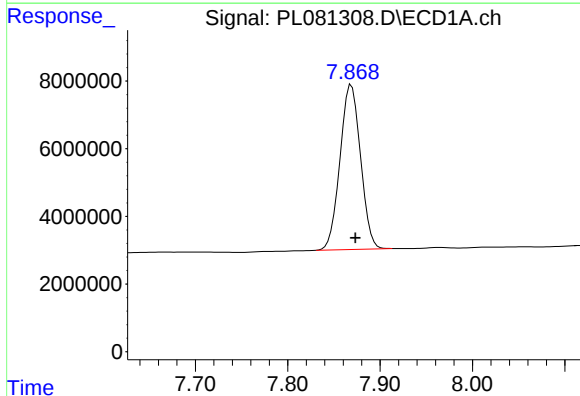
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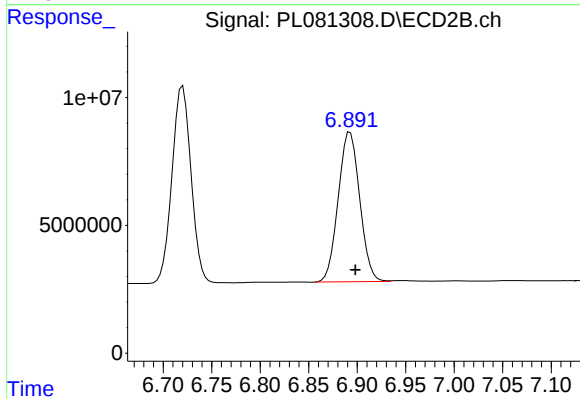
#21 Endrin ketone

R.T.: 6.720 min
Delta R.T.: -0.005 min
Response: 104418552
Conc: 48.50 ng/ml



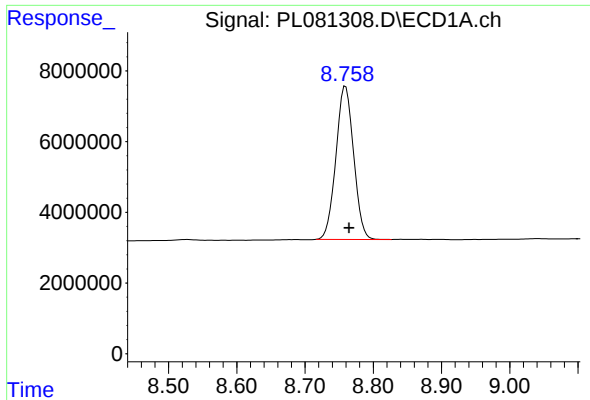
#22 Mirex

R.T.: 7.869 min
Delta R.T.: -0.004 min
Response: 75373575
Conc: 51.66 ng/ml



#22 Mirex

R.T.: 6.893 min
Delta R.T.: -0.005 min
Response: 90285308
Conc: 46.91 ng/ml



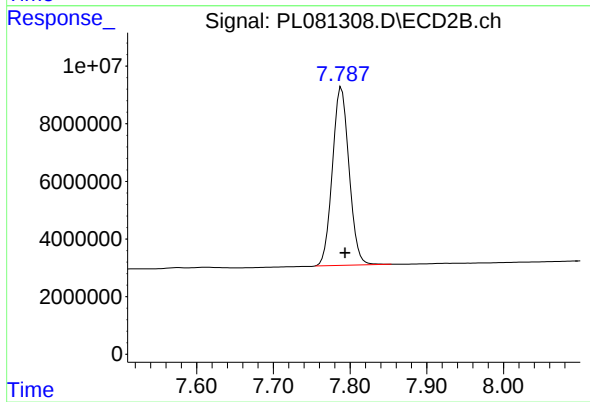
#28 Decachlorobiphenyl

R.T.: 8.759 min
Delta R.T.: -0.005 min
Response: 78177510
Conc: 51.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/08/2023
Supervised By :Ankita Jodhani 03/08/2023



#28 Decachlorobiphenyl

R.T.: 7.789 min
Delta R.T.: -0.005 min
Response: 93442490
Conc: 48.78 ng/ml