

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121123\
 Data File : PL087062.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2023 17:08
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/12/2023
 Supervised By :Ankita Jodhani 12/12/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 21:42:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120623.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 07 00:53:18 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...	3.453	2.701	156.8E6	45377293	48.600	46.388
28)	SA Decachlor...	9.052	7.901	119.2E6	44988096	52.154	46.753
Target Compounds							
2)	A alpha-BHC	3.912	3.209	221.8E6	62207221	49.295	48.538
3)	MA gamma-BHC...	4.247	3.541	205.7E6	60996107	49.536	48.157
4)	MA Heptachlor	4.842	3.885	208.2E6	60637838	51.493	48.720
5)	MB Aldrin	5.186	4.166	200.5E6	57711923	50.283	47.981
6)	B beta-BHC	4.448	3.842	86593734	27332845	50.923	48.177
7)	B delta-BHC	4.695	4.072	191.6E6	60293101	52.968	49.606
8)	B Heptachlo...	5.619	4.674	181.7E6	53422372	51.575	48.364
9)	A Endosulfan I	6.007	5.045	169.5E6	47076540	51.737	44.291
10)	B gamma-Chl...	5.879	4.928	180.5E6	50293213	52.483	46.745
11)	B alpha-Chl...	5.959	4.992	179.0E6	50705609	52.147	45.497
12)	B 4,4'-DDE	6.144	5.190	135.7E6	42785904	54.109	48.144
13)	MA Dieldrin	6.287	5.313	169.0E6	47035273	52.150	46.933
14)	MA Endrin	6.516	5.588	133.0E6	42722799	60.253m	52.370
15)	B Endosulfa...	6.741	5.886	139.4E6	41927613	53.951	47.633
16)	A 4,4'-DDD	6.667	5.750	107.9E6	35712972	53.701	46.066
17)	MA 4,4'-DDT	6.987	6.003	113.8E6	39256969	57.342	51.704
18)	B Endrin al...	6.874	6.069	95268519	32013657	52.494	46.751
19)	B Endosulfa...	7.112	6.294	133.4E6	42130506	54.063	47.744
20)	A Methoxychlor	7.480	6.590	59760598	24095842	56.139	50.398
21)	B Endrin ke...	7.601	6.800	132.4E6	48235031	51.918	47.695
22)	Mirex	8.080	6.983	118.6E6	41418707	52.639	46.677

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121123\
Data File : PL087062.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2023 17:08
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

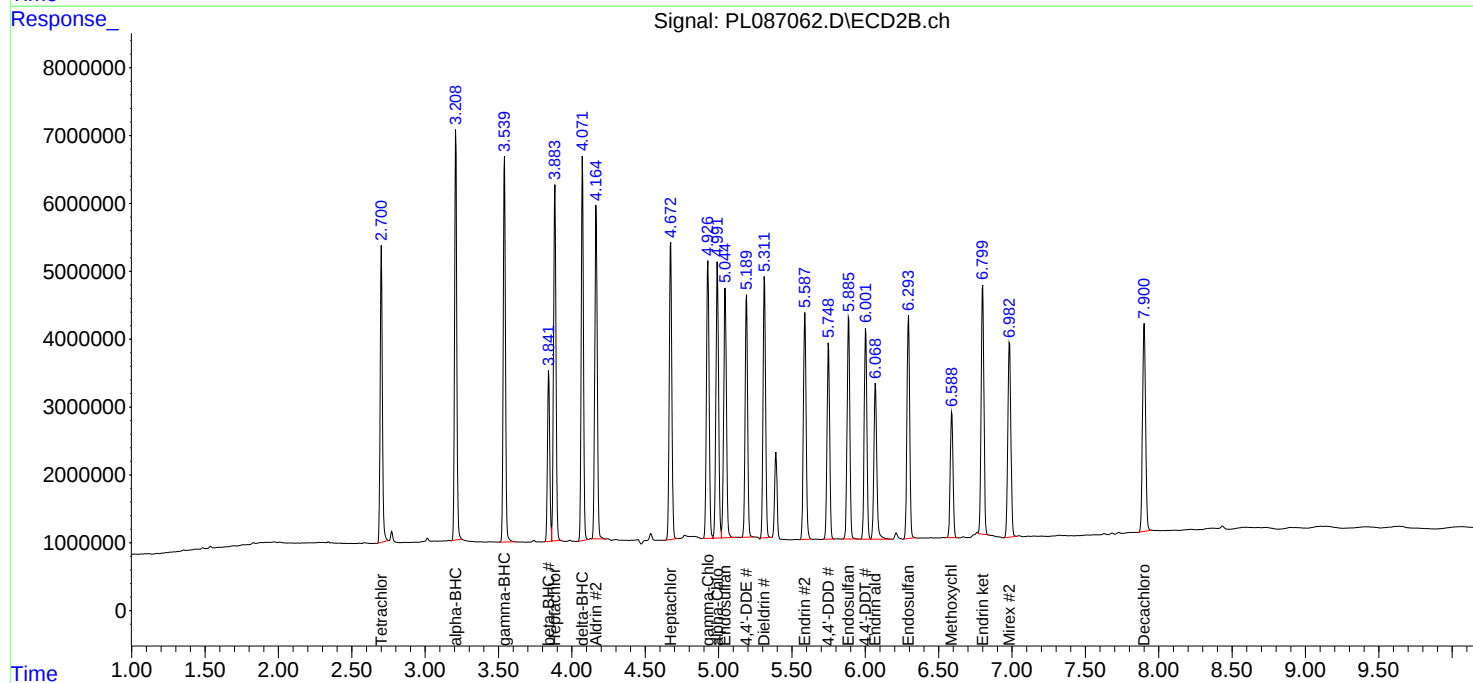
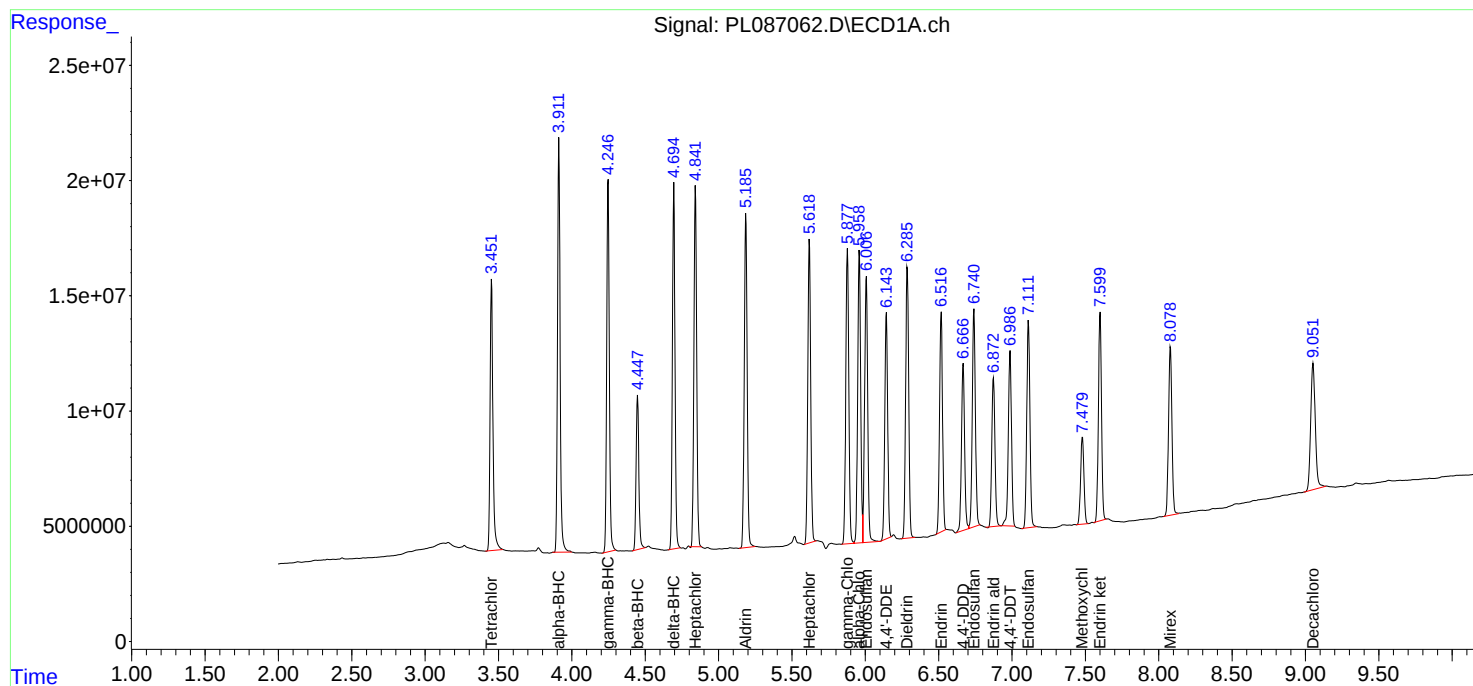
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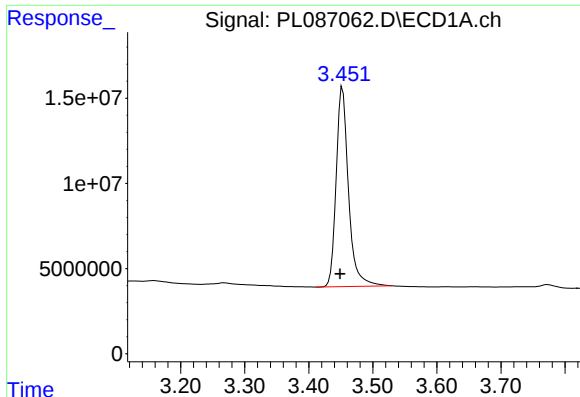
Reviewed By :Abdul Mirza 12/12/2023

Supervised By :Ankita Jodhani 12/12/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 11 21:42:16 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120623.M
Quant Title : GC Extractables
QLast Update : Thu Dec 07 00:53:18 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





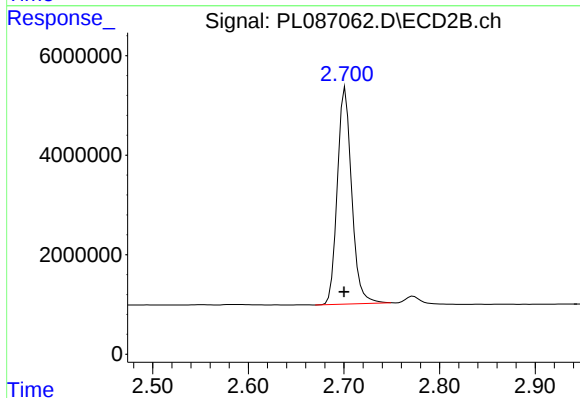
#1 Tetrachloro-m-xylene

R.T.: 3.453 min
Delta R.T.: 0.004 min
Response: 156844876
Conc: 48.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

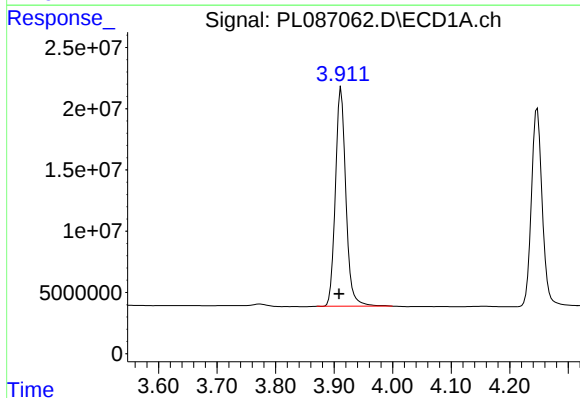
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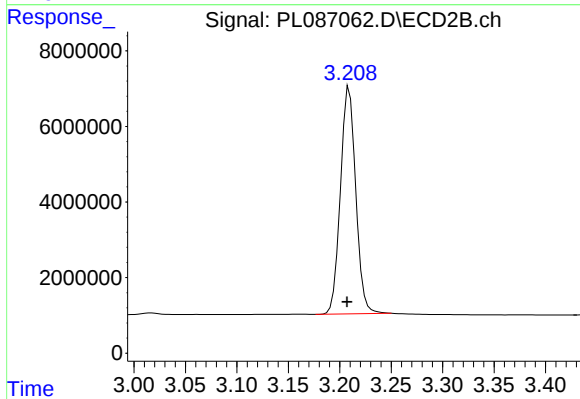
#1 Tetrachloro-m-xylene

R.T.: 2.701 min
Delta R.T.: 0.001 min
Response: 45377293
Conc: 46.39 ng/ml



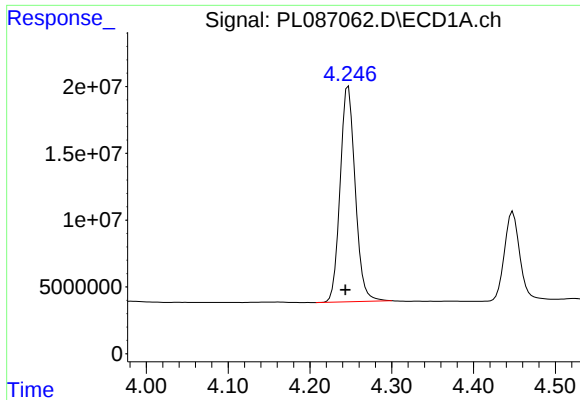
#2 alpha-BHC

R.T.: 3.912 min
Delta R.T.: 0.004 min
Response: 221838606
Conc: 49.30 ng/ml



#2 alpha-BHC

R.T.: 3.209 min
Delta R.T.: 0.002 min
Response: 62207221
Conc: 48.54 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.247 min
Delta R.T.: 0.004 min
Response: 205677308
Conc: 49.54 ng/ml

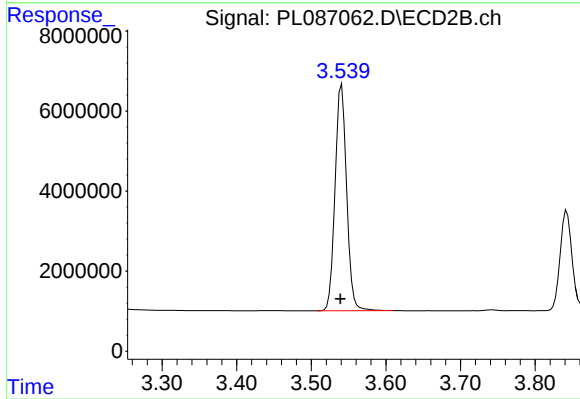
Instrument :

ECD_L

ClientSampleId :
PSTDCCC050

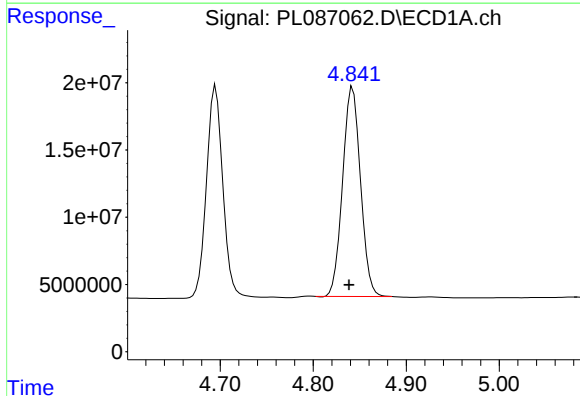
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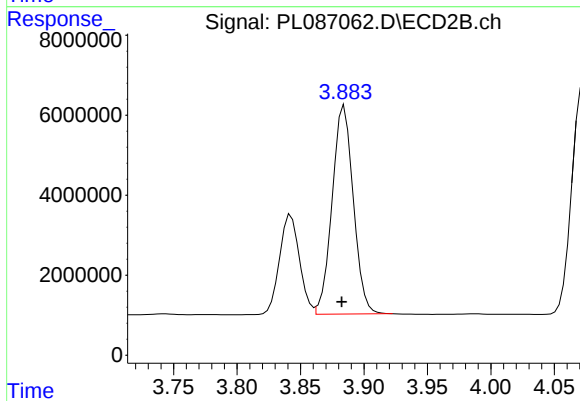
#3 gamma-BHC (Lindane)

R.T.: 3.541 min
Delta R.T.: 0.002 min
Response: 60996107
Conc: 48.16 ng/ml



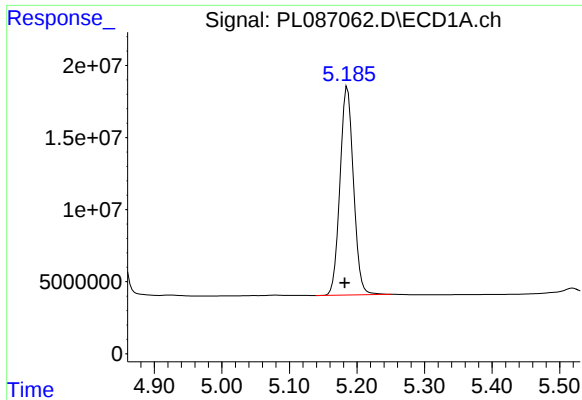
#4 Heptachlor

R.T.: 4.842 min
Delta R.T.: 0.004 min
Response: 208192692
Conc: 51.49 ng/ml



#4 Heptachlor

R.T.: 3.885 min
Delta R.T.: 0.002 min
Response: 60637838
Conc: 48.72 ng/ml



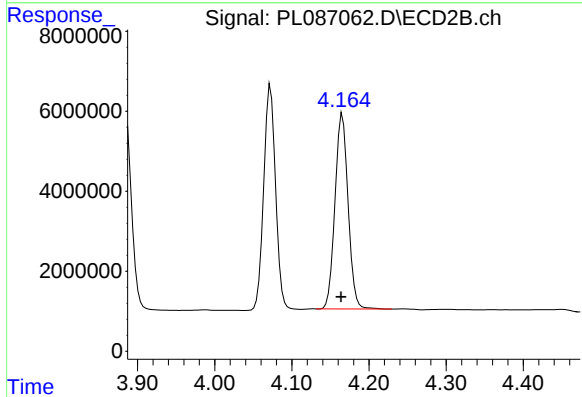
#5 Aldrin

R.T.: 5.186 min
Delta R.T.: 0.004 min
Response: 200539367
Conc: 50.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

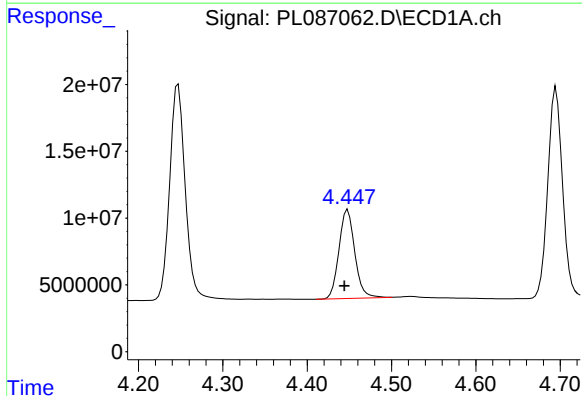
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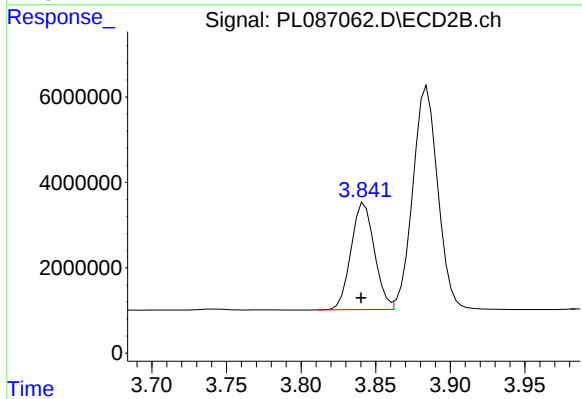
#5 Aldrin

R.T.: 4.166 min
Delta R.T.: 0.002 min
Response: 57711923
Conc: 47.98 ng/ml



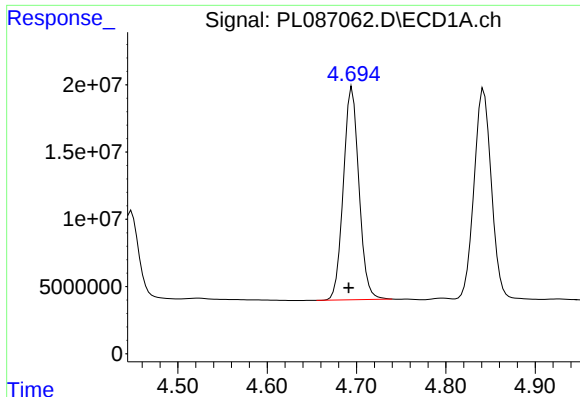
#6 beta-BHC

R.T.: 4.448 min
Delta R.T.: 0.004 min
Response: 86593734
Conc: 50.92 ng/ml



#6 beta-BHC

R.T.: 3.842 min
Delta R.T.: 0.002 min
Response: 27332845
Conc: 48.18 ng/ml



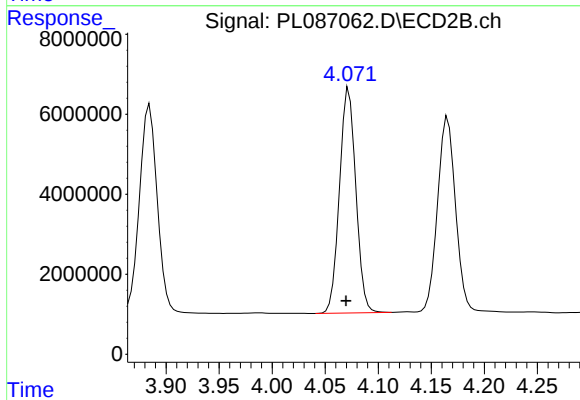
#7 delta-BHC

R.T.: 4.695 min
Delta R.T.: 0.004 min
Response: 191578503
Conc: 52.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

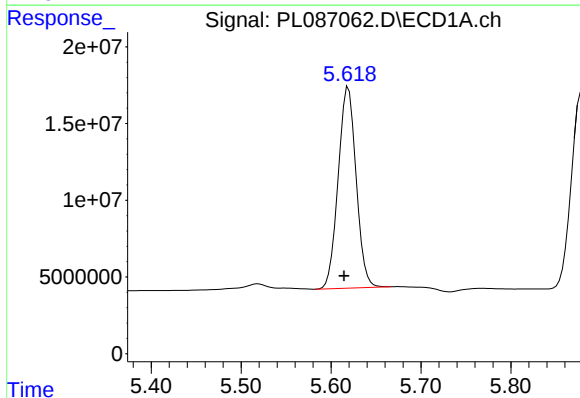
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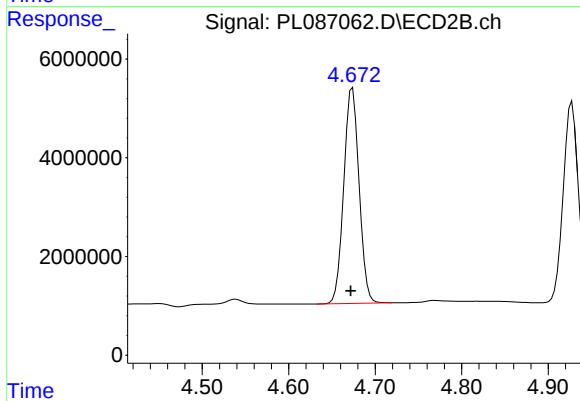
#7 delta-BHC

R.T.: 4.072 min
Delta R.T.: 0.003 min
Response: 60293101
Conc: 49.61 ng/ml



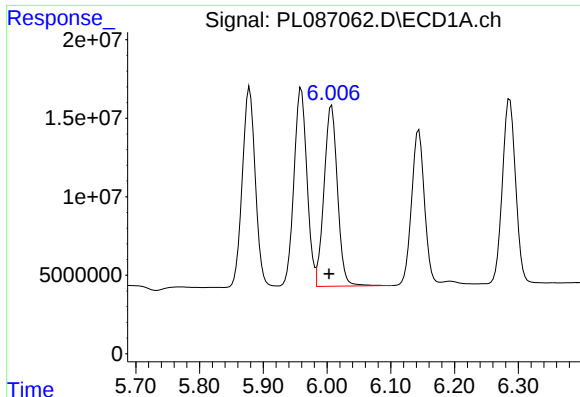
#8 Heptachlor epoxide

R.T.: 5.619 min
Delta R.T.: 0.005 min
Response: 181710739
Conc: 51.58 ng/ml



#8 Heptachlor epoxide

R.T.: 4.674 min
Delta R.T.: 0.002 min
Response: 53422372
Conc: 48.36 ng/ml



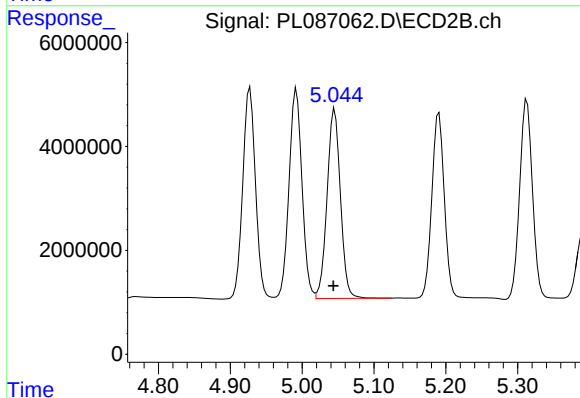
#9 Endosulfan I

R.T.: 6.007 min
Delta R.T.: 0.004 min
Response: 169517290
Conc: 51.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

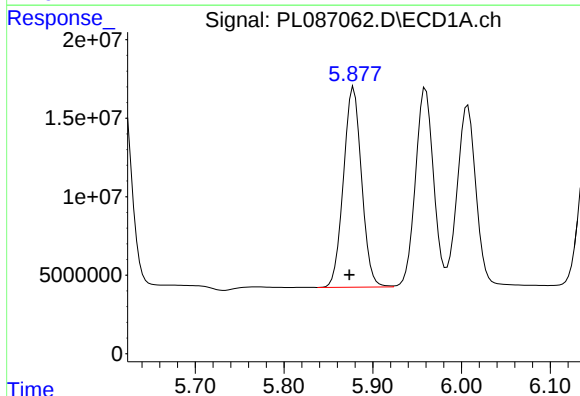
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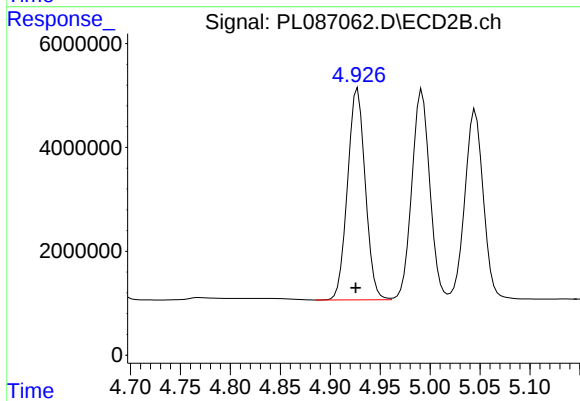
#9 Endosulfan I

R.T.: 5.045 min
Delta R.T.: 0.002 min
Response: 47076540
Conc: 44.29 ng/ml



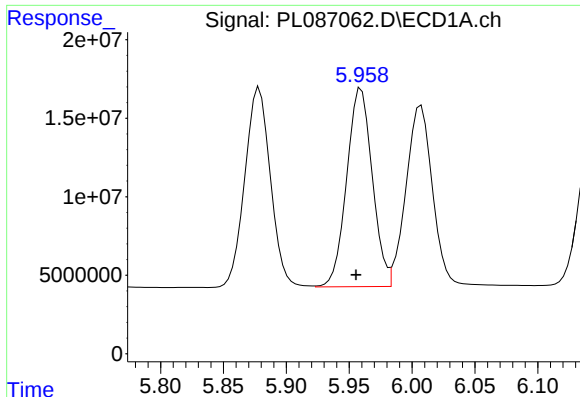
#10 gamma-Chlordane

R.T.: 5.879 min
Delta R.T.: 0.005 min
Response: 180519437
Conc: 52.48 ng/ml



#10 gamma-Chlordane

R.T.: 4.928 min
Delta R.T.: 0.002 min
Response: 50293213
Conc: 46.75 ng/ml



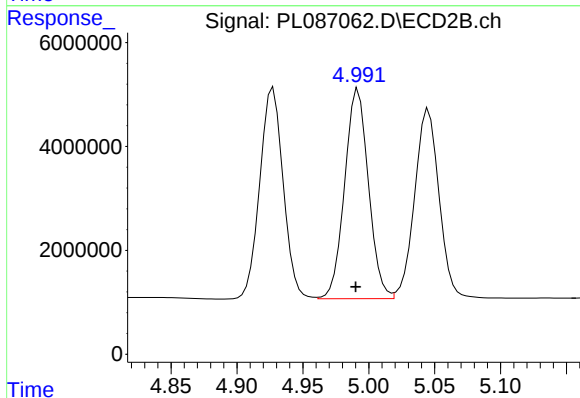
#11 alpha-Chlordane

R.T.: 5.959 min
Delta R.T.: 0.004 min
Response: 179033296
Conc: 52.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

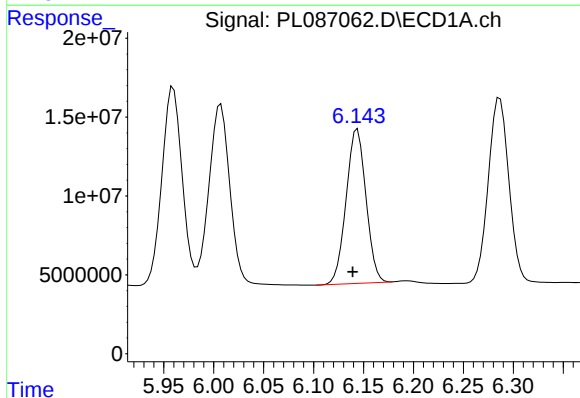
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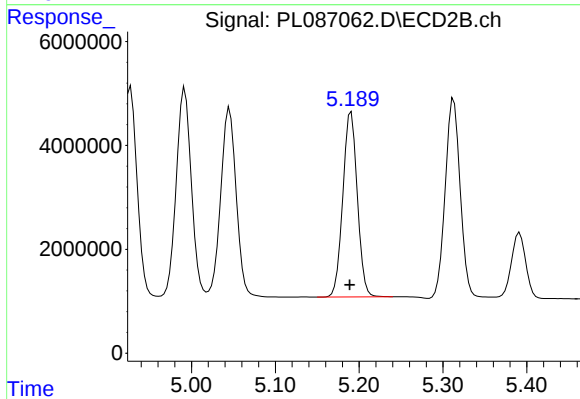
#11 alpha-Chlordane

R.T.: 4.992 min
Delta R.T.: 0.002 min
Response: 50705609
Conc: 45.50 ng/ml



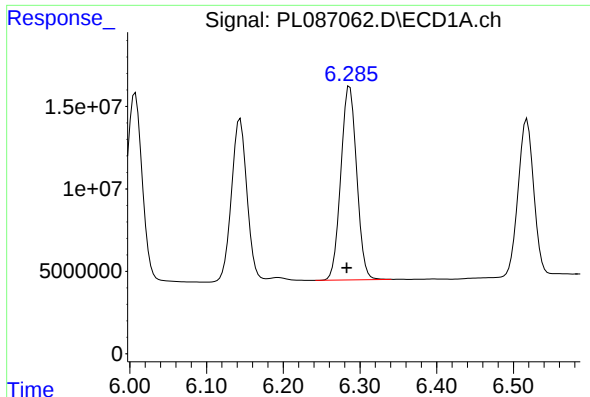
#12 4,4'-DDE

R.T.: 6.144 min
Delta R.T.: 0.005 min
Response: 135666837
Conc: 54.11 ng/ml



#12 4,4'-DDE

R.T.: 5.190 min
Delta R.T.: 0.002 min
Response: 42785904
Conc: 48.14 ng/ml



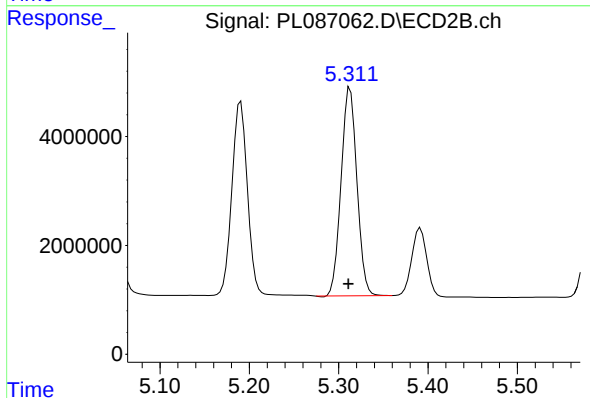
#13 Dieldrin

R.T.: 6.287 min
Delta R.T.: 0.004 min
Response: 168986961
Conc: 52.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

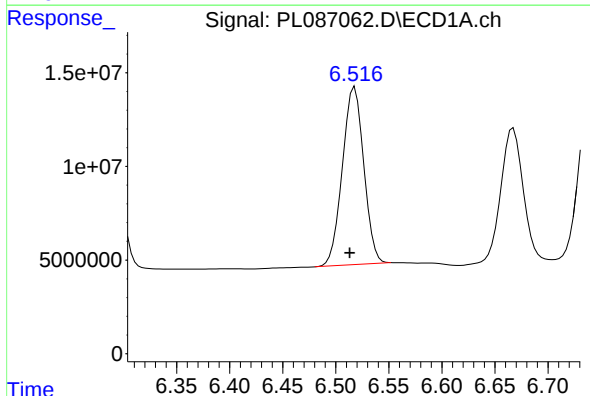
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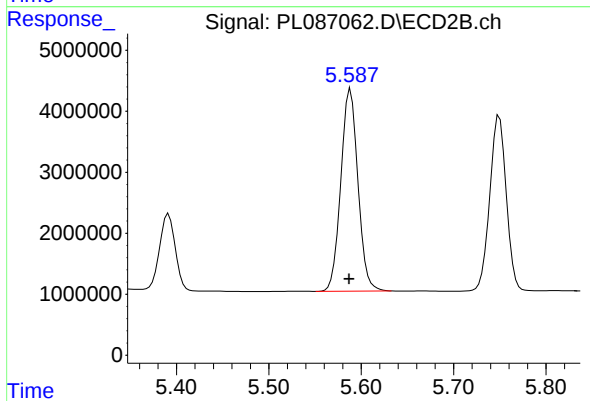
#13 Dieldrin

R.T.: 5.313 min
Delta R.T.: 0.002 min
Response: 47035273
Conc: 46.93 ng/ml



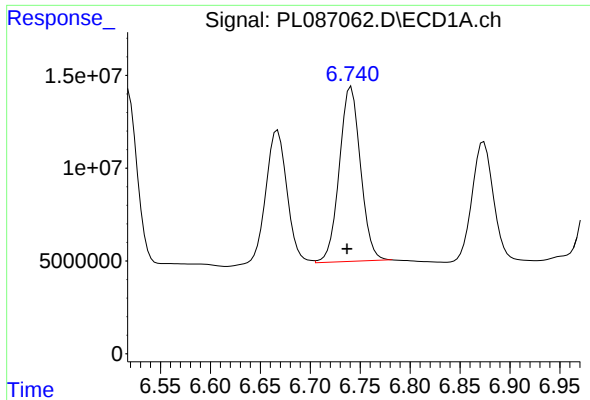
#14 Endrin

R.T.: 6.516 min
Delta R.T.: 0.003 min
Response: 132967007
Conc: 60.25 ng/ml m



#14 Endrin

R.T.: 5.588 min
Delta R.T.: 0.002 min
Response: 42722799
Conc: 52.37 ng/ml



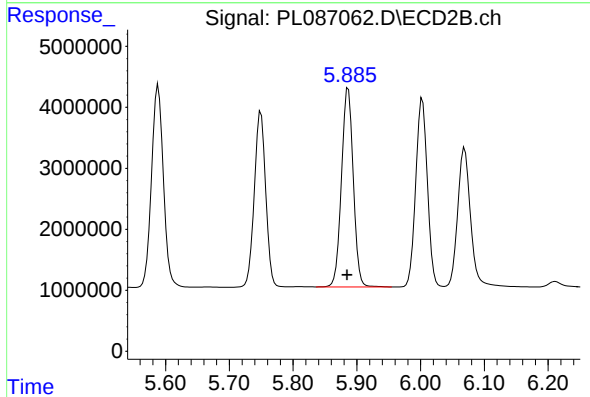
#15 Endosulfan II

R.T.: 6.741 min
Delta R.T.: 0.004 min
Response: 139421480
Conc: 53.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

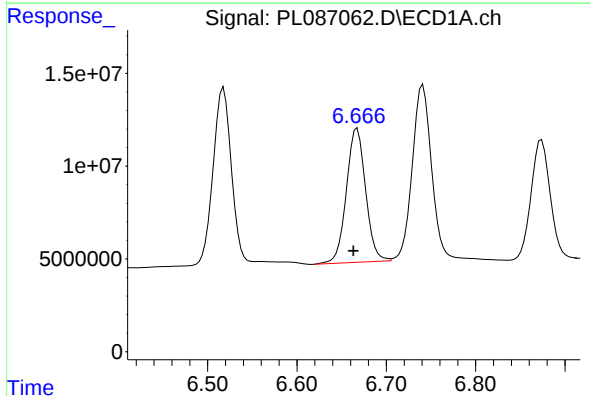
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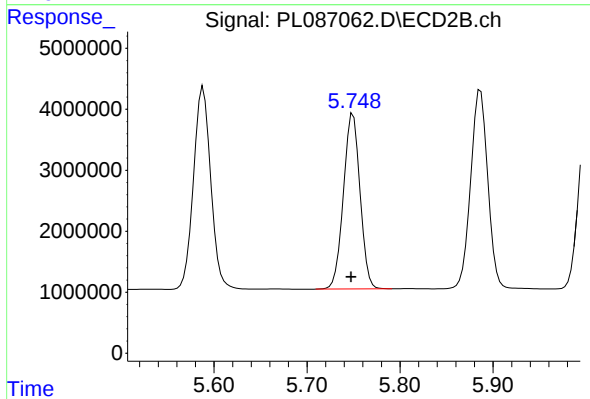
#15 Endosulfan II

R.T.: 5.886 min
Delta R.T.: 0.002 min
Response: 41927613
Conc: 47.63 ng/ml



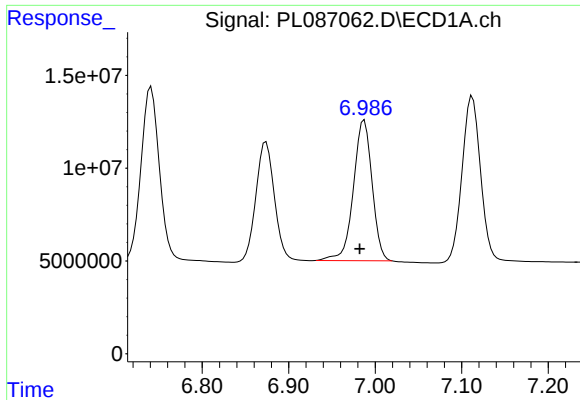
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: 0.004 min
Response: 107919999
Conc: 53.70 ng/ml



#16 4,4'-DDD

R.T.: 5.750 min
Delta R.T.: 0.002 min
Response: 35712972
Conc: 46.07 ng/ml



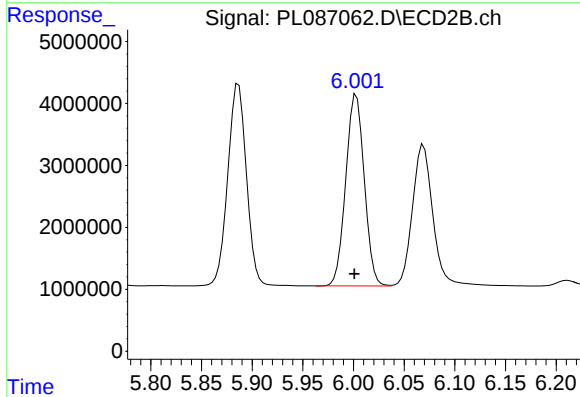
#17 4,4'-DDT

R.T.: 6.987 min
Delta R.T.: 0.005 min
Response: 113823840
Conc: 57.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

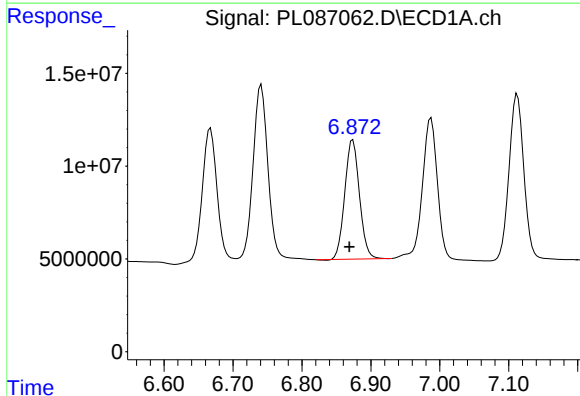
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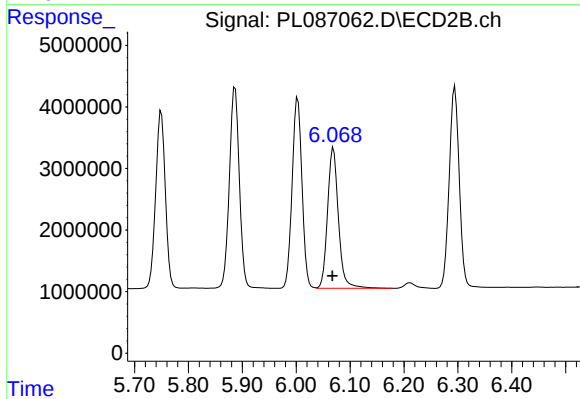
#17 4,4'-DDT

R.T.: 6.003 min
Delta R.T.: 0.002 min
Response: 39256969
Conc: 51.70 ng/ml



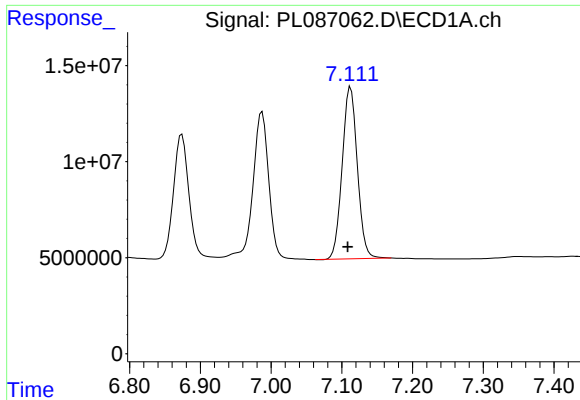
#18 Endrin aldehyde

R.T.: 6.874 min
Delta R.T.: 0.005 min
Response: 95268519
Conc: 52.49 ng/ml



#18 Endrin aldehyde

R.T.: 6.069 min
Delta R.T.: 0.002 min
Response: 32013657
Conc: 46.75 ng/ml



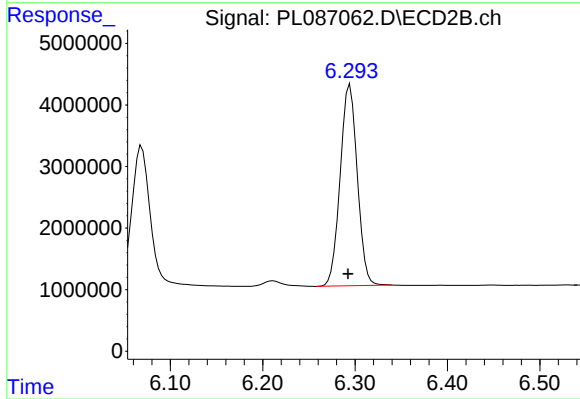
#19 Endosulfan Sulfate

R.T.: 7.112 min
Delta R.T.: 0.004 min
Response: 133370878
Conc: 54.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

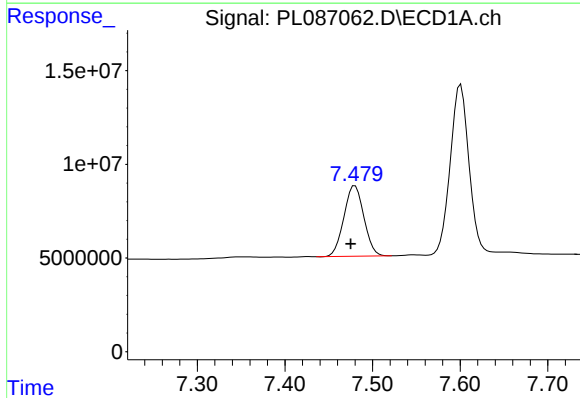
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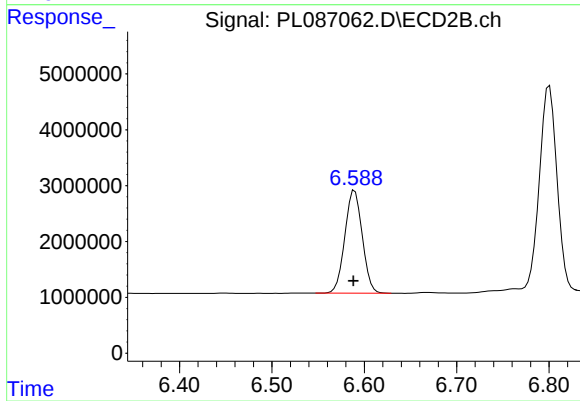
#19 Endosulfan Sulfate

R.T.: 6.294 min
Delta R.T.: 0.002 min
Response: 42130506
Conc: 47.74 ng/ml



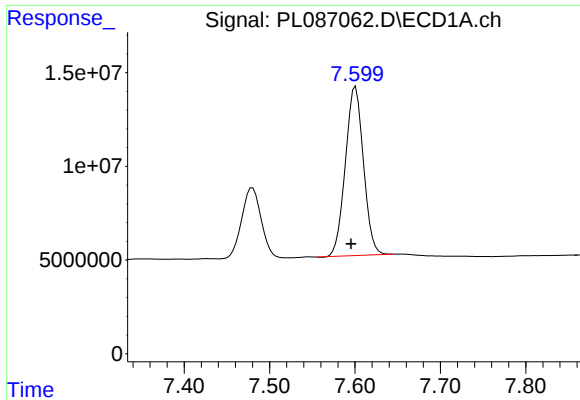
#20 Methoxychlor

R.T.: 7.480 min
Delta R.T.: 0.005 min
Response: 59760598
Conc: 56.14 ng/ml



#20 Methoxychlor

R.T.: 6.590 min
Delta R.T.: 0.001 min
Response: 24095842
Conc: 50.40 ng/ml



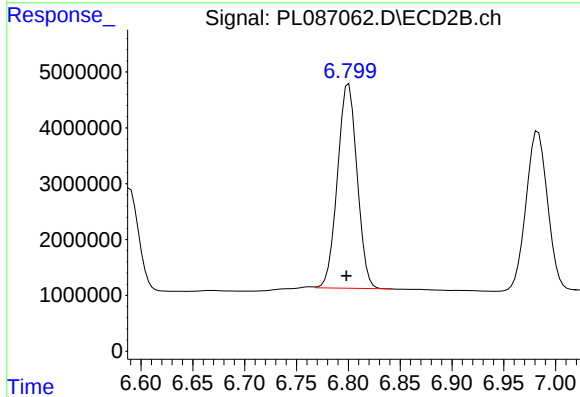
#21 Endrin ketone

R.T.: 7.601 min
Delta R.T.: 0.005 min
Response: 132407960
Conc: 51.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

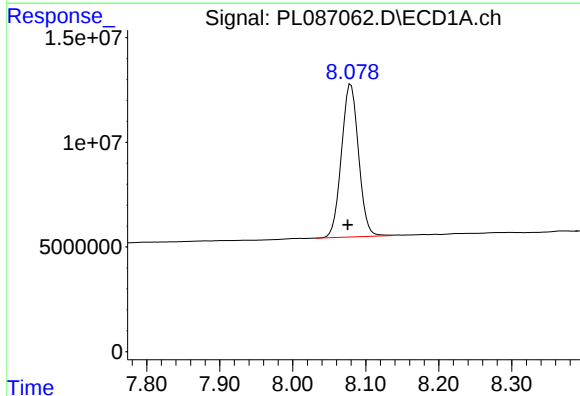
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2023
Supervised By :Ankita Jodhani 12/12/2023



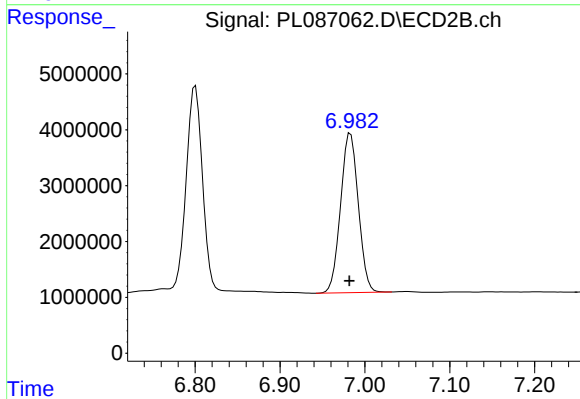
#21 Endrin ketone

R.T.: 6.800 min
Delta R.T.: 0.002 min
Response: 48235031
Conc: 47.69 ng/ml



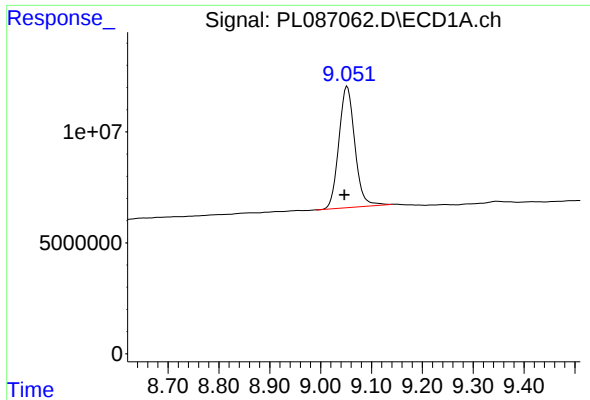
#22 Mirex

R.T.: 8.080 min
Delta R.T.: 0.004 min
Response: 118550777
Conc: 52.64 ng/ml



#22 Mirex

R.T.: 6.983 min
Delta R.T.: 0.001 min
Response: 41418707
Conc: 46.68 ng/ml



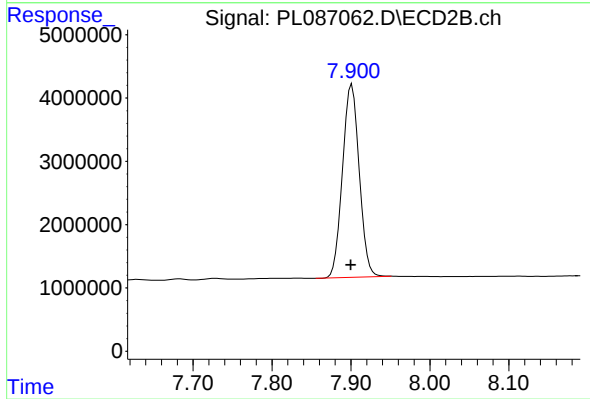
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: 0.006 min
Response: 119211919
Conc: 52.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: 0.002 min
Response: 44988096
Conc: 46.75 ng/ml