

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081924\
 Data File : PL091198.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2024 10:30
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/20/2024
 Supervised By :Ankita Jodhani 08/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 06:16:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 13:09:19 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...	3.546	2.786	106.9E6	104.5E6	49.805	53.525
28)	SA Decachlor...	9.066	7.930	76064911	90194633	49.894	47.618
Target Compounds							
2)	A alpha-BHC	4.002	3.290	151.0E6	152.4E6	50.365	54.960
3)	MA gamma-BHC...	4.335	3.620	144.3E6	142.6E6	50.305	54.140
4)	MA Heptachlor	4.924	3.960	129.6E6	132.6E6	48.661	51.323
5)	MB Aldrin	5.267	4.241	127.5E6	131.4E6	49.385	53.434
6)	B beta-BHC	4.531	3.919	66338011	61986507	49.054	52.662
7)	B delta-BHC	4.779	4.148	138.2E6	137.9E6	50.751	54.410
8)	B Heptachlo...	5.692	4.743	118.6E6	118.1E6	48.493	52.388
9)	A Endosulfan I	6.078	5.114	109.9E6	111.0E6	48.942	52.595
10)	B gamma-Chl...	5.947	4.994	118.8E6	124.4E6	49.183m	52.642
11)	B alpha-Chl...	6.028	5.057	118.1E6	123.1E6	49.032	52.318
12)	B 4,4'-DDE	6.200	5.247	105.3E6	111.4E6	50.326	53.296
13)	MA Dieldrin	6.353	5.378	115.9E6	119.9E6	49.199	52.665
14)	MA Endrin	6.581	5.653	97228516	102.8E6	50.137m	50.485
15)	B Endosulfa...	6.801	5.947	101.0E6	104.2E6	49.912	53.870m
16)	A 4,4'-DDD	6.717	5.801	90544319	92277743	59.908	55.899
17)	MA 4,4'-DDT	7.031	6.052	87181548	88250714	49.114	49.679
18)	B Endrin al...	6.932	6.127	78397652	79182049	49.109	50.833
19)	B Endosulfa...	7.166	6.350	93780821	99003204	48.879	51.350
20)	A Methoxychlor	7.507	6.627	47297019	46556060	50.302	46.885
21)	B Endrin ke...	7.650	6.856	104.5E6	114.0E6	49.746m	52.361
22)	Mirex	8.125	7.038	79710352	92416365	46.857	49.515

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081924\
Data File : PL091198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2024 10:30
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

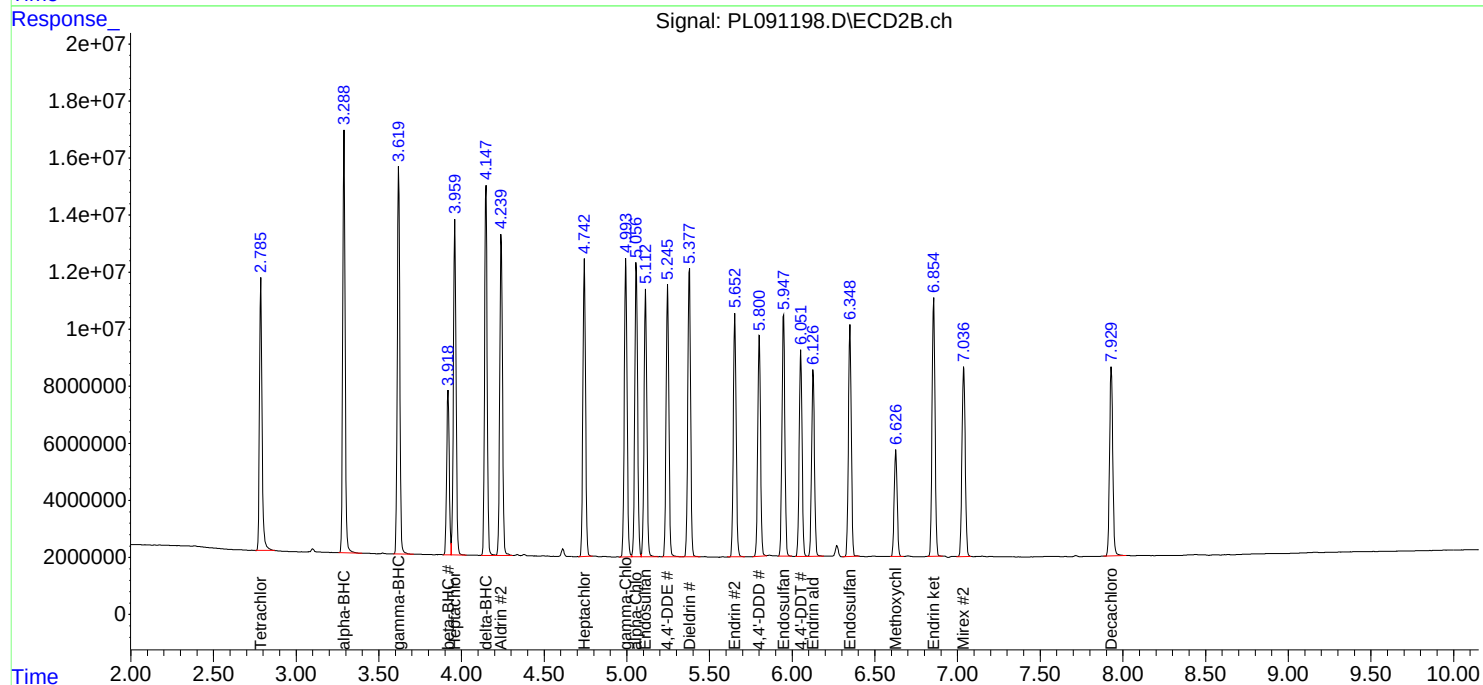
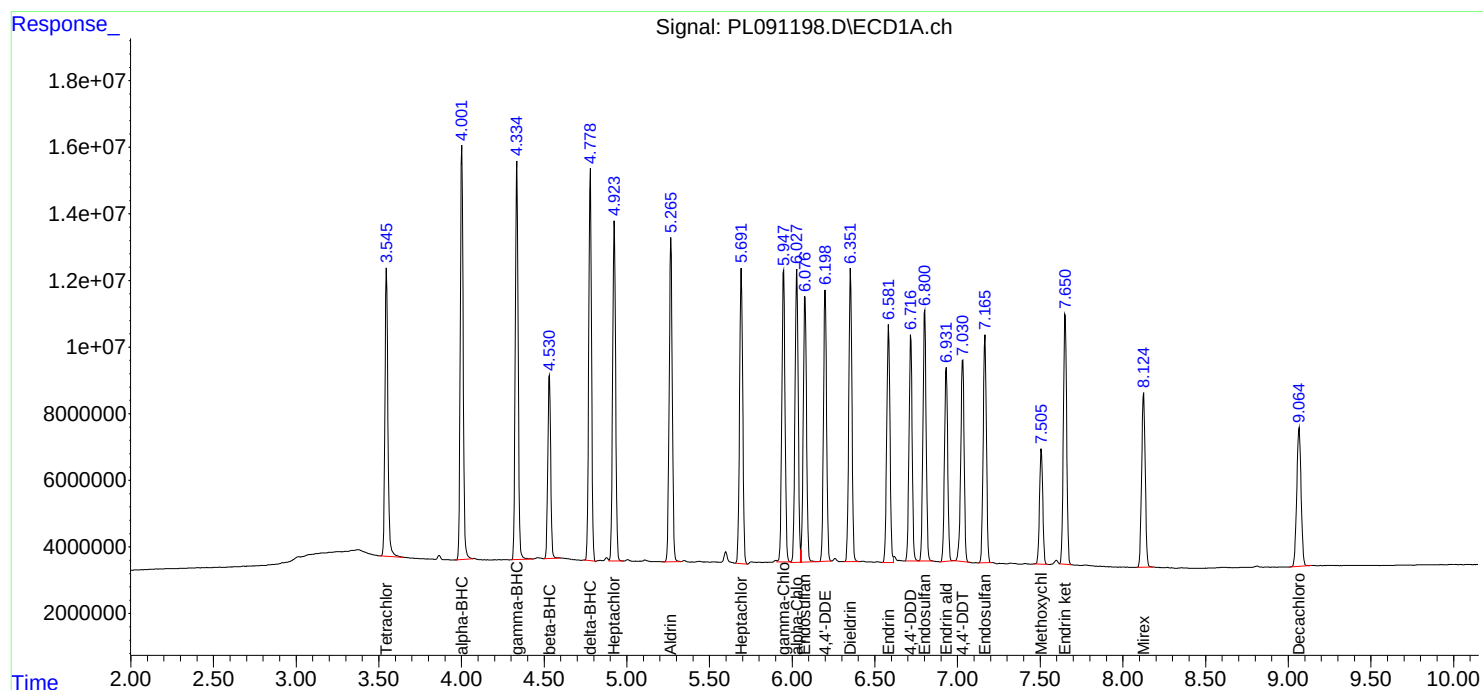
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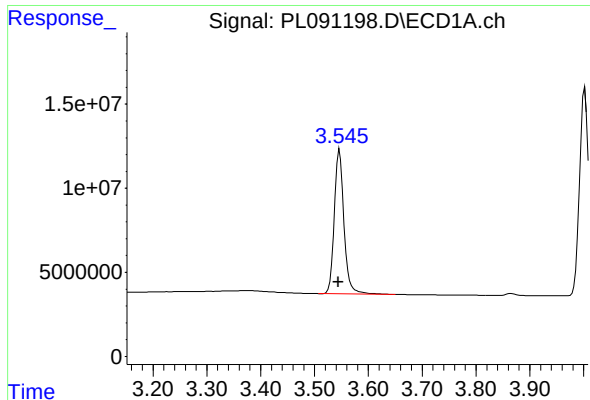
Reviewed By :Abdul Mirza 08/20/2024

Supervised By :Ankita Jodhani 08/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:16:18 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
Quant Title : GC Extractables
QLast Update : Wed Aug 14 13:09:19 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.: 3.546 min
Delta R.T.: 0.002 min
Response: 106939979
Conc: 49.80 ng/ml

Instrument :

ECD_L

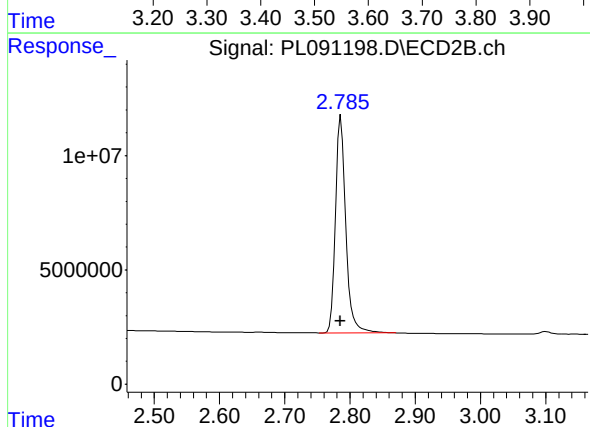
ClientSampleId :

PSTDCCC050

Manual Integrations

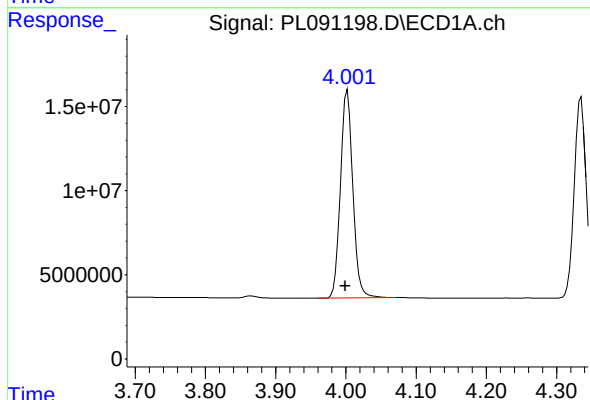
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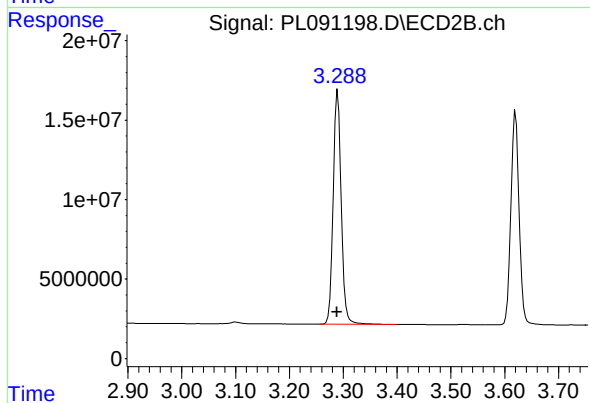
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.001 min
Response: 104480283
Conc: 53.52 ng/ml



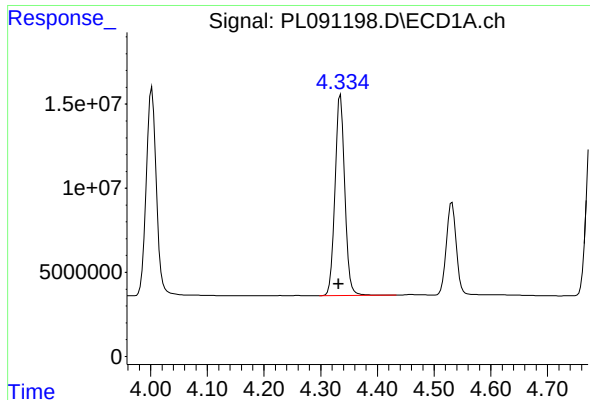
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.003 min
Response: 150984303
Conc: 50.36 ng/ml



#2 alpha-BHC

R.T.: 3.290 min
Delta R.T.: 0.001 min
Response: 152428262
Conc: 54.96 ng/ml



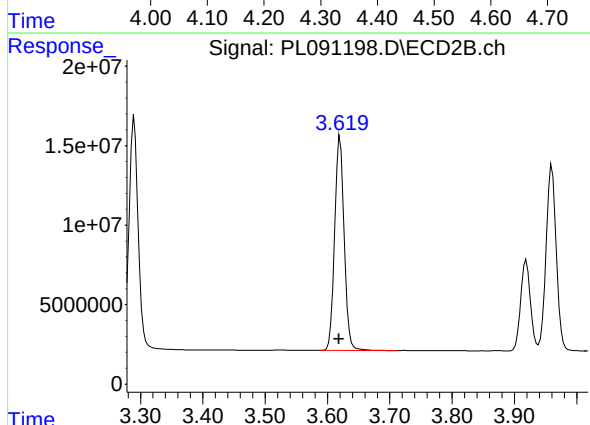
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.003 min
Response: 144308857
Conc: 50.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

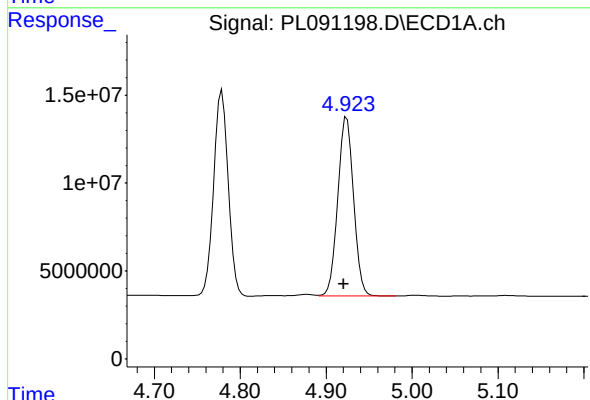
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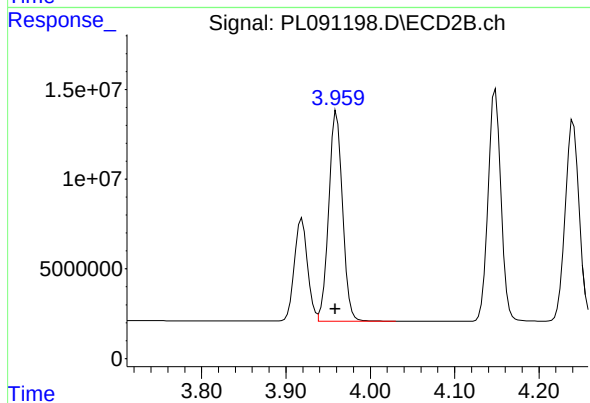
#3 gamma-BHC (Lindane)

R.T.: 3.620 min
Delta R.T.: 0.002 min
Response: 142600286
Conc: 54.14 ng/ml



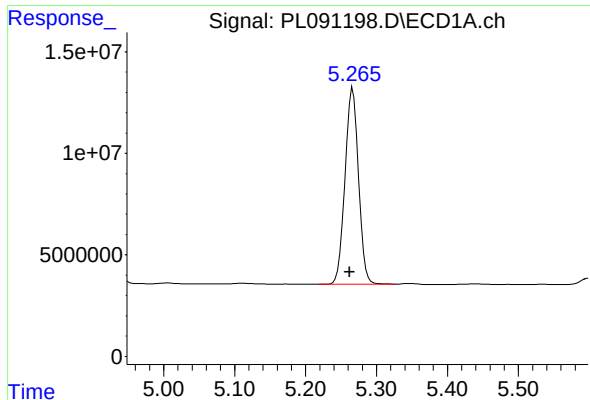
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: 0.004 min
Response: 129584377
Conc: 48.66 ng/ml



#4 Heptachlor

R.T.: 3.960 min
Delta R.T.: 0.001 min
Response: 132552525
Conc: 51.32 ng/ml



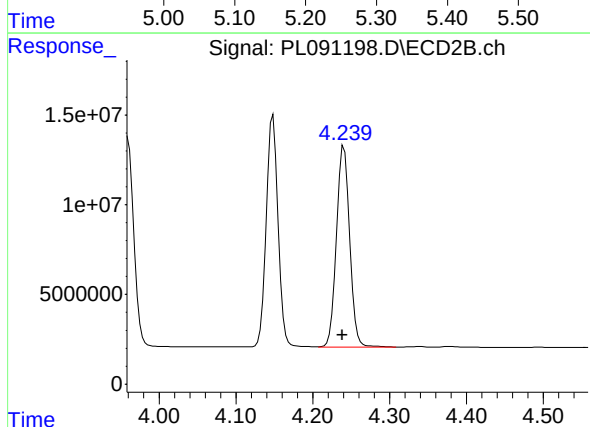
#5 Aldrin

R.T.: 5.267 min
Delta R.T.: 0.004 min
Response: 127455687
Conc: 49.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

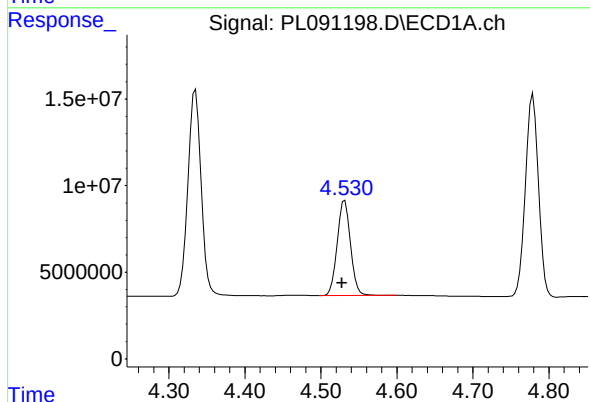
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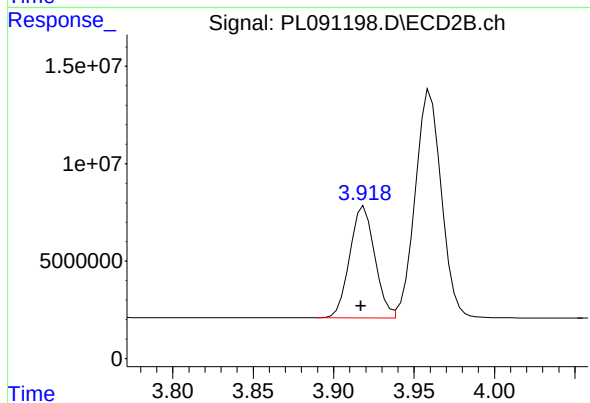
#5 Aldrin

R.T.: 4.241 min
Delta R.T.: 0.002 min
Response: 131403495
Conc: 53.43 ng/ml



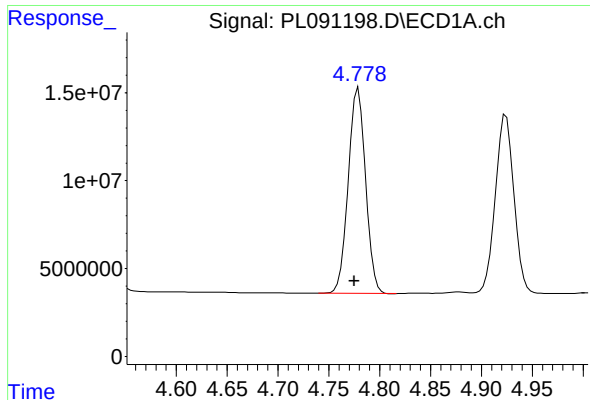
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.004 min
Response: 66338011
Conc: 49.05 ng/ml



#6 beta-BHC

R.T.: 3.919 min
Delta R.T.: 0.002 min
Response: 61986507
Conc: 52.66 ng/ml



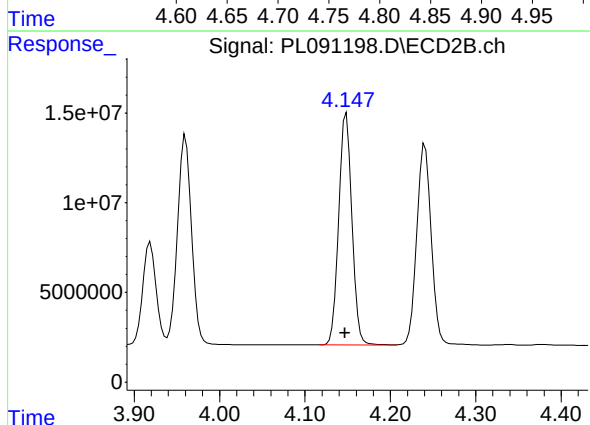
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: 0.004 min
Response: 138169844
Conc: 50.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

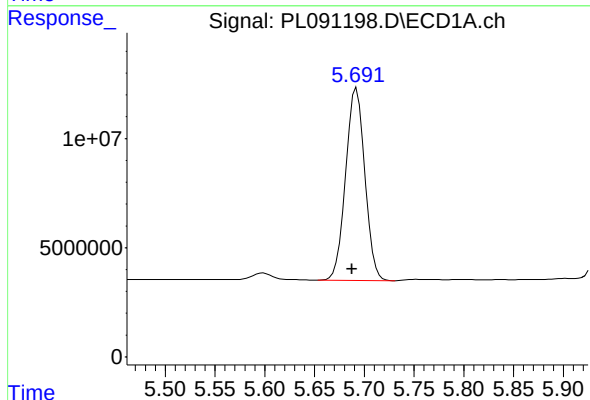
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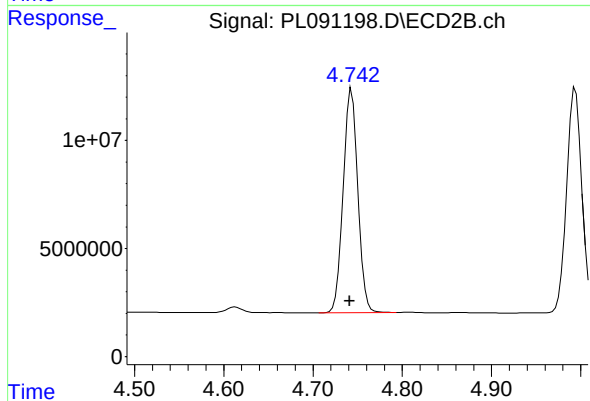
#7 delta-BHC

R.T.: 4.148 min
Delta R.T.: 0.001 min
Response: 137886715
Conc: 54.41 ng/ml



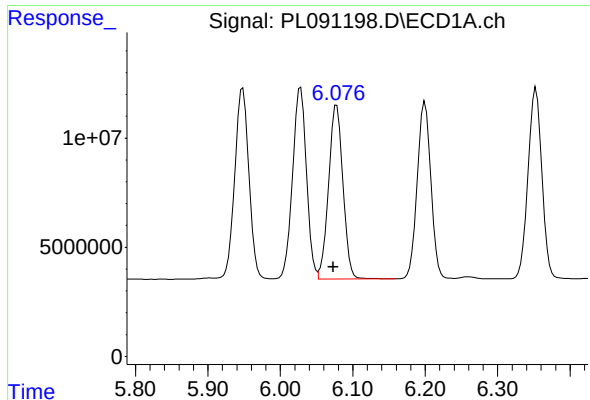
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.004 min
Response: 118641424
Conc: 48.49 ng/ml



#8 Heptachlor epoxide

R.T.: 4.743 min
Delta R.T.: 0.002 min
Response: 118127295
Conc: 52.39 ng/ml



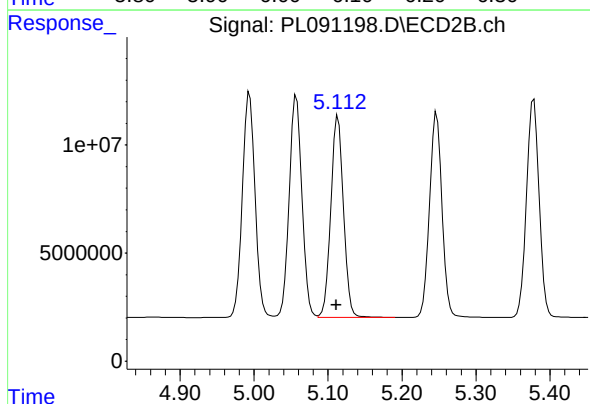
#9 Endosulfan I

R.T.: 6.078 min
Delta R.T.: 0.005 min
Response: 109890895
Conc: 48.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

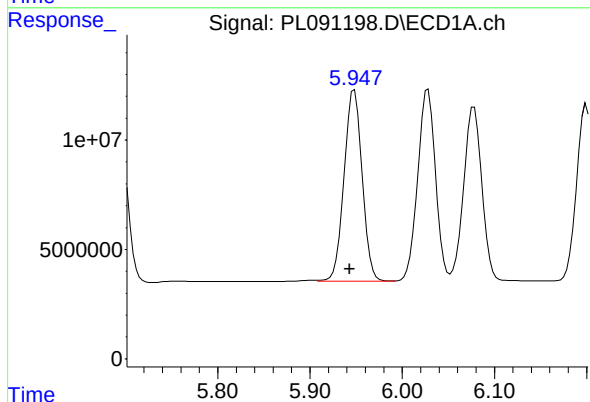
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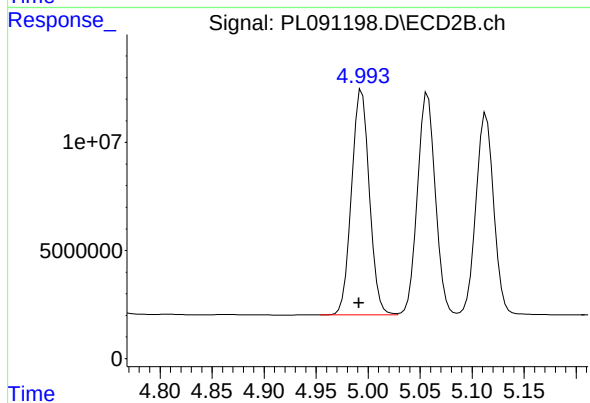
#9 Endosulfan I

R.T.: 5.114 min
Delta R.T.: 0.002 min
Response: 110983961
Conc: 52.59 ng/ml



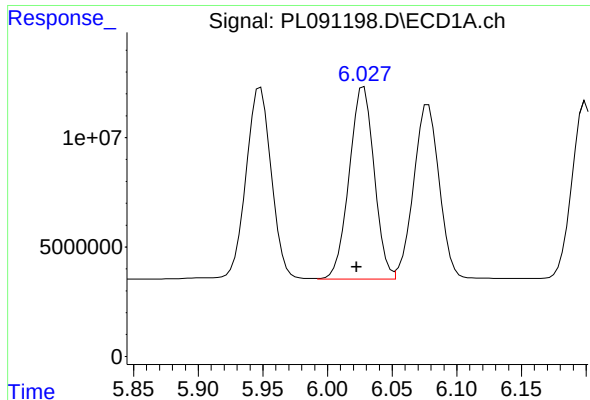
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.004 min
Response: 118848300
Conc: 49.18 ng/ml m



#10 gamma-Chlordane

R.T.: 4.994 min
Delta R.T.: 0.002 min
Response: 124443479
Conc: 52.64 ng/ml



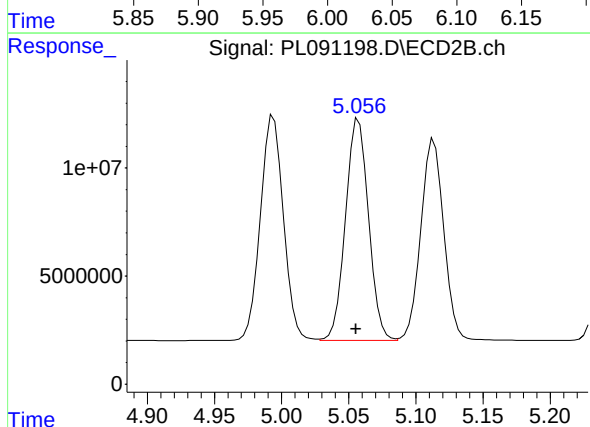
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.006 min
Response: 118055459
Conc: 49.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

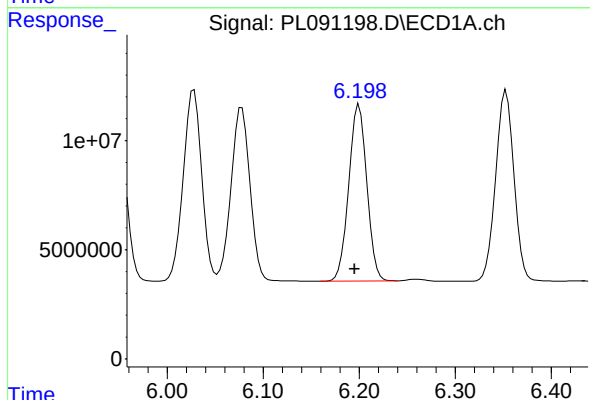
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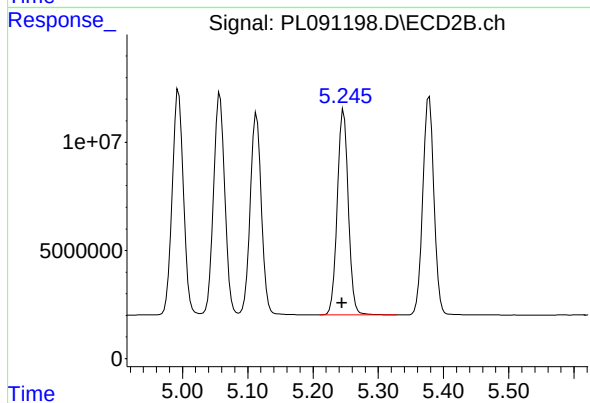
#11 alpha-Chlordane

R.T.: 5.057 min
Delta R.T.: 0.002 min
Response: 123081283
Conc: 52.32 ng/ml



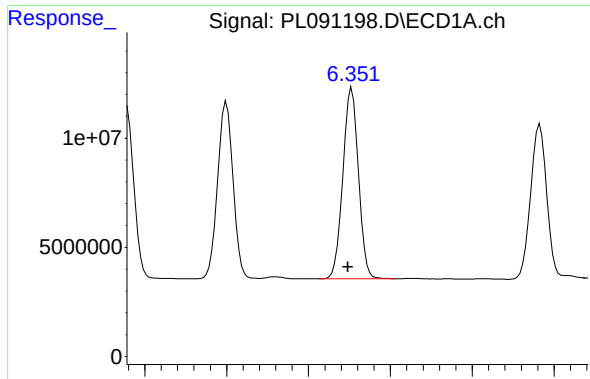
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.004 min
Response: 105286730
Conc: 50.33 ng/ml



#12 4,4'-DDE

R.T.: 5.247 min
Delta R.T.: 0.002 min
Response: 111356287
Conc: 53.30 ng/ml



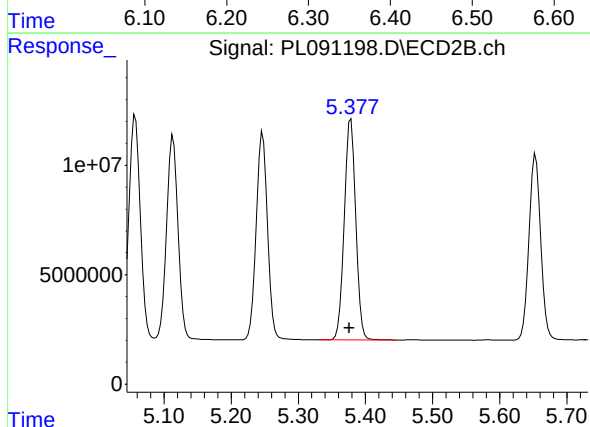
#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: 0.005 min
Response: 115875486
Conc: 49.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

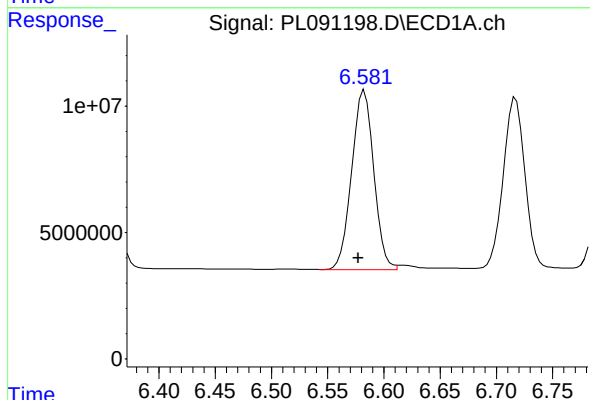
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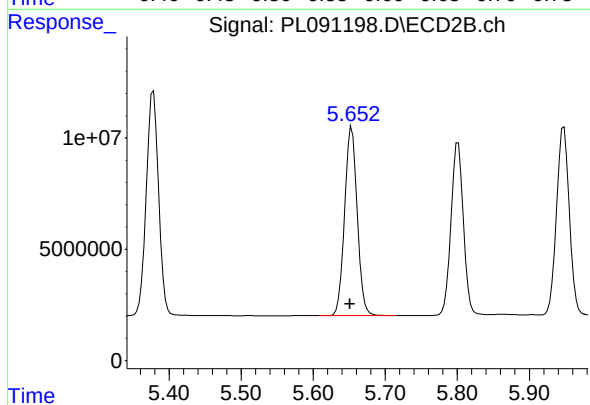
#13 Dieldrin

R.T.: 5.378 min
Delta R.T.: 0.002 min
Response: 119945615
Conc: 52.66 ng/ml



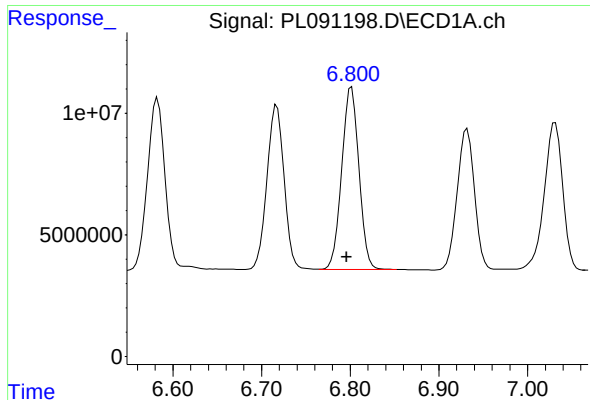
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.004 min
Response: 97228516
Conc: 50.14 ng/ml m



#14 Endrin

R.T.: 5.653 min
Delta R.T.: 0.002 min
Response: 102844626
Conc: 50.48 ng/ml



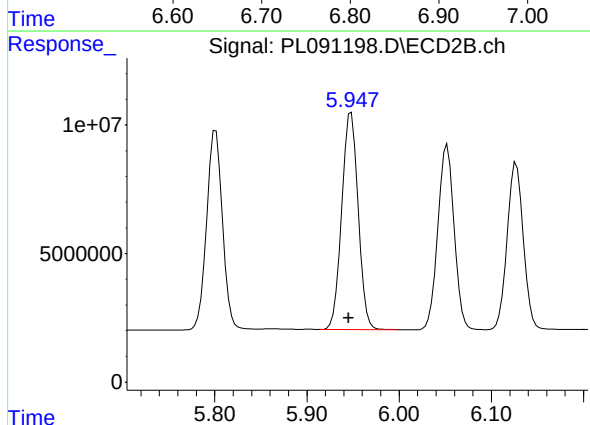
#15 Endosulfan II

R.T.: 6.801 min
Delta R.T.: 0.005 min
Response: 101005026
Conc: 49.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

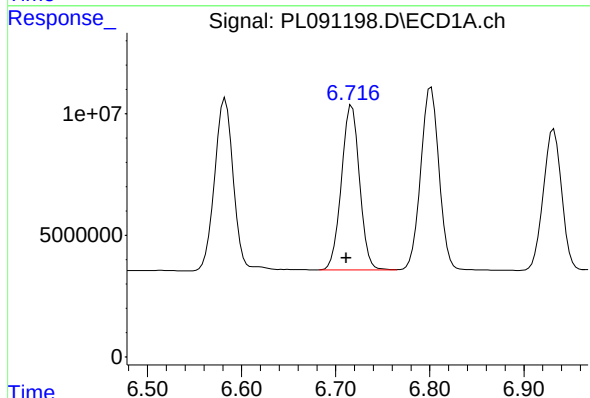
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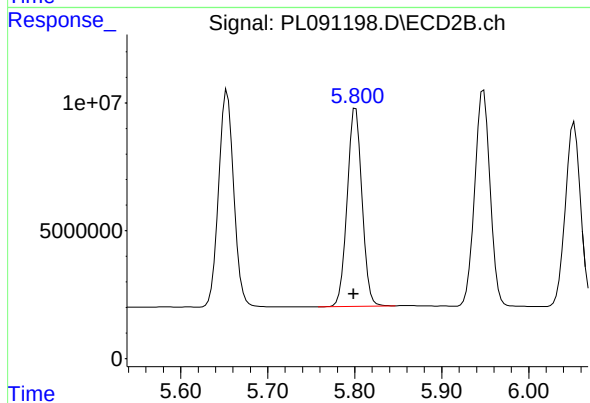
#15 Endosulfan II

R.T.: 5.947 min
Delta R.T.: 0.002 min
Response: 104221698
Conc: 53.87 ng/ml



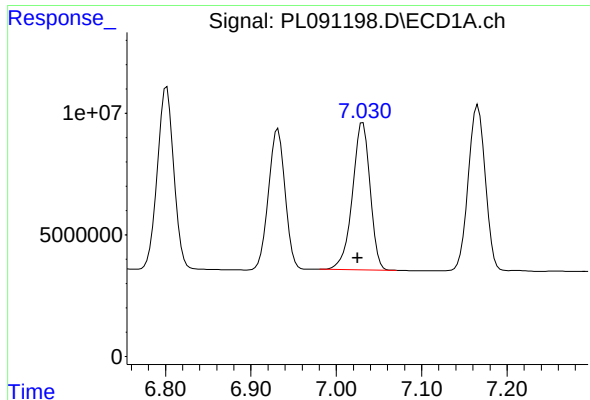
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.006 min
Response: 90544319
Conc: 59.91 ng/ml



#16 4,4'-DDD

R.T.: 5.801 min
Delta R.T.: 0.002 min
Response: 92277743
Conc: 55.90 ng/ml



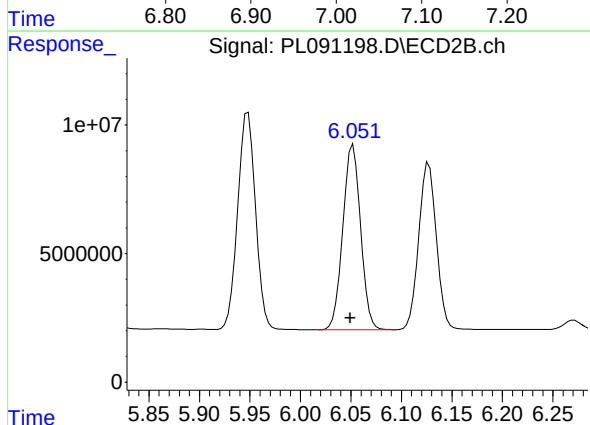
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: 0.006 min
Response: 87181548
Conc: 49.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

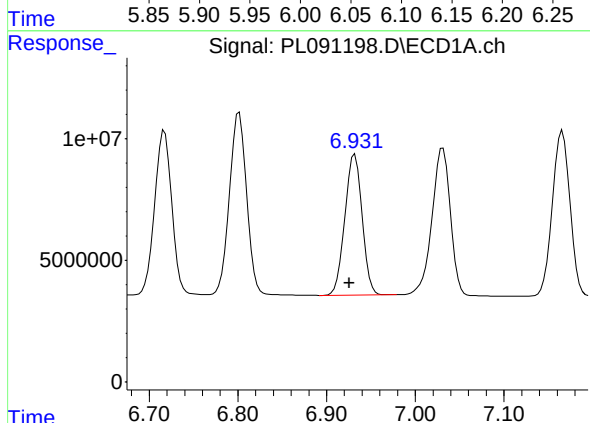
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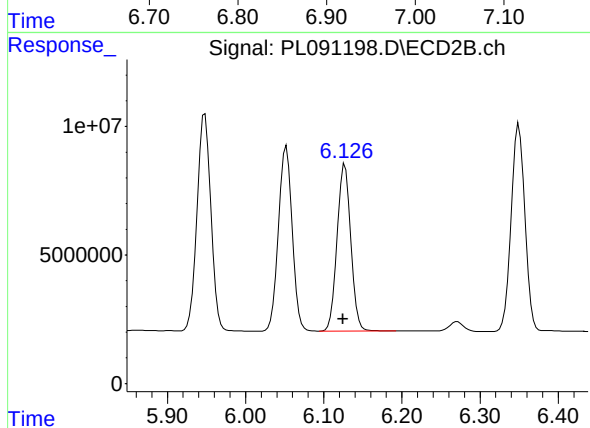
#17 4,4'-DDT

R.T.: 6.052 min
Delta R.T.: 0.003 min
Response: 88250714
Conc: 49.68 ng/ml



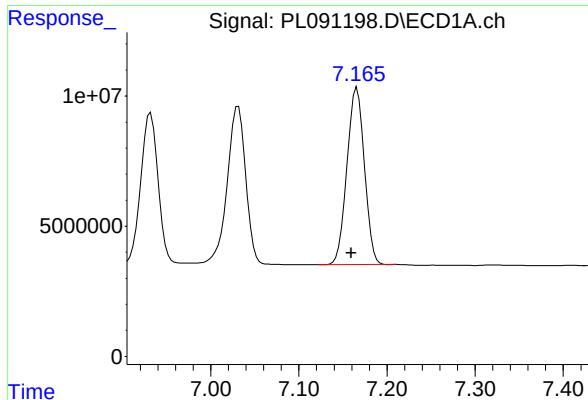
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.007 min
Response: 78397652
Conc: 49.11 ng/ml



#18 Endrin aldehyde

R.T.: 6.127 min
Delta R.T.: 0.002 min
Response: 79182049
Conc: 50.83 ng/ml



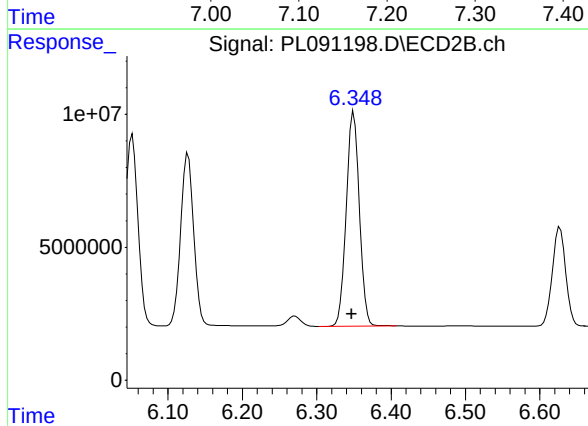
#19 Endosulfan Sulfate

R.T.: 7.166 min
Delta R.T.: 0.006 min
Response: 93780821
Conc: 48.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

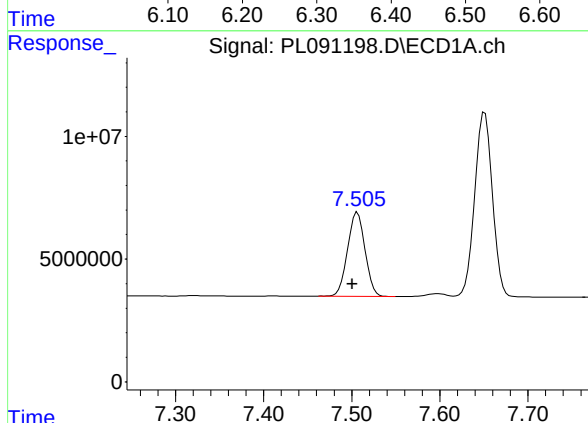
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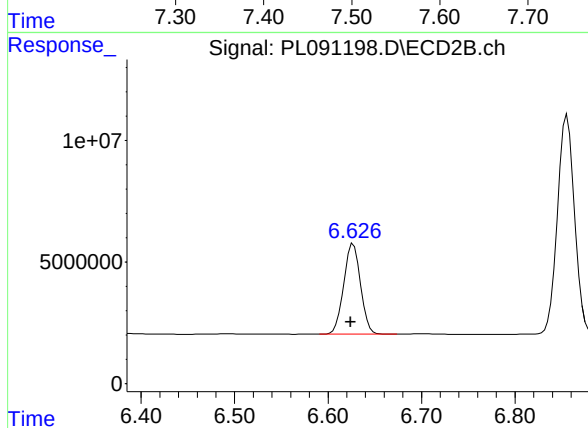
#19 Endosulfan Sulfate

R.T.: 6.350 min
Delta R.T.: 0.002 min
Response: 99003204
Conc: 51.35 ng/ml



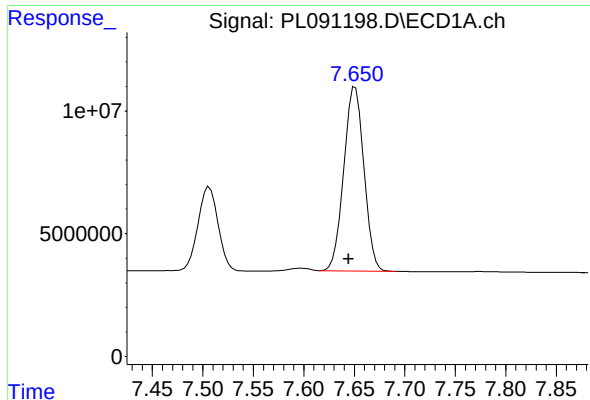
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.006 min
Response: 47297019
Conc: 50.30 ng/ml



#20 Methoxychlor

R.T.: 6.627 min
Delta R.T.: 0.003 min
Response: 46556060
Conc: 46.89 ng/ml



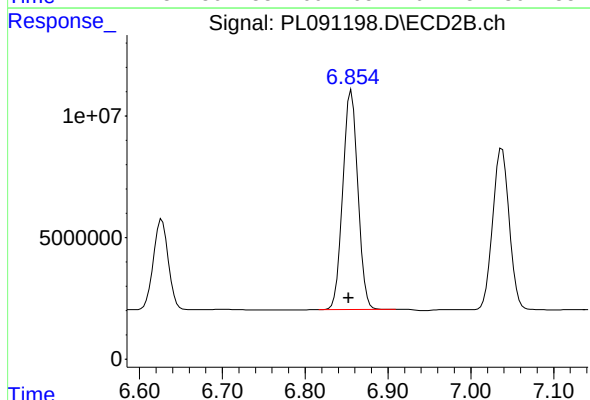
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.005 min
Response: 104453725
Conc: 49.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

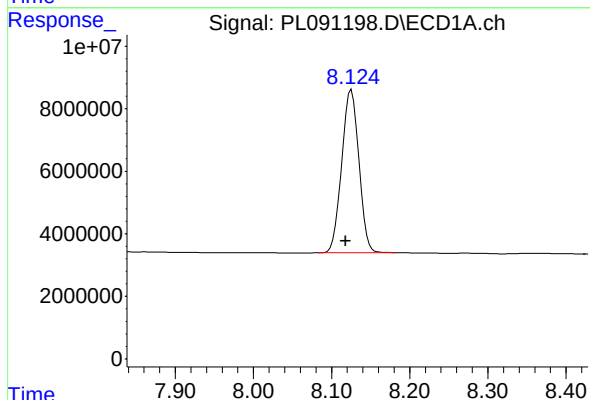
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Reviewed By :Abdul Mirza 08/20/2024
Supervised By :Ankita Jodhani 08/20/2024



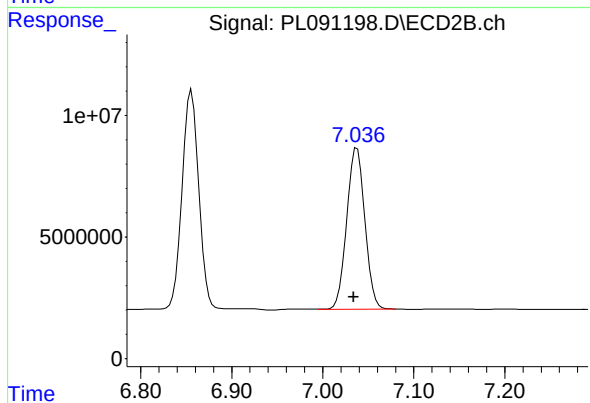
#21 Endrin ketone

R.T.: 6.856 min
Delta R.T.: 0.003 min
Response: 114040995
Conc: 52.36 ng/ml



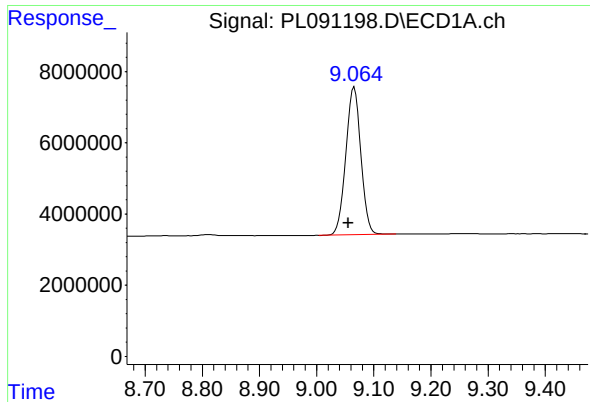
#22 Mirex

R.T.: 8.125 min
Delta R.T.: 0.007 min
Response: 79710352
Conc: 46.86 ng/ml



#22 Mirex

R.T.: 7.038 min
Delta R.T.: 0.004 min
Response: 92416365
Conc: 49.52 ng/ml



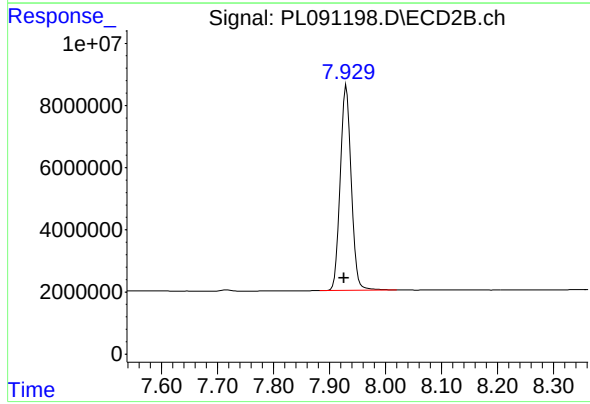
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.010 min
Response: 76064911
Conc: 49.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2024
Supervised By :Ankita Jodhani 08/20/2024



#28 Decachlorobiphenyl

R.T.: 7.930 min
Delta R.T.: 0.004 min
Response: 90194633
Conc: 47.62 ng/ml