

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072223\
 Data File : PL084094.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2023 13:44
 Operator : AR\AJ
 Sample : PB154315BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB154315BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/21/2023
 Supervised By :Ankita Jodhani 07/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 21:28:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 14 00:03:54 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...	3.477	2.687	36427243	17500311	18.215	15.758
28)	SA Decachlor...	9.026	7.871	27109019	21007372	20.827	18.906
Target Compounds							
2)	A alpha-BHC	3.935	3.193	146.8E6	71446981	50.106	44.436
3)	MA gamma-BHC...	4.268	3.524	134.6E6	66613742	47.640	43.805
4)	MA Heptachlor	4.861	3.865	147.3E6	63483497	54.212	53.869
5)	MB Aldrin	5.204	4.145	137.3E6	64125256	47.950	42.528
6)	B beta-BHC	4.467	3.825	59983560	29637763	49.993	44.902
7)	B delta-BHC	4.714	4.054	133.8E6	66944074	50.202	44.257
8)	B Heptachlo...	5.633	4.652	129.0E6	58936912	48.305	45.895
9)	A Endosulfan I	6.019	5.022	114.4E6	56335534	48.322	45.931
10)	B gamma-Chl...	5.890	4.905	125.9E6	61165497	48.765	45.914
11)	B alpha-Chl...	5.971	4.969	122.3E6	60820832	48.112	45.148
12)	B 4,4'-DDE	6.150	5.168	103.8E6	56635412	51.613	46.107
13)	MA Dieldrin	6.296	5.289	112.0E6	59154315	46.866	45.421
14)	MA Endrin	6.524	5.564	92488071	51591538	48.565m	46.934
15)	B Endosulfa...	6.745	5.862	88543703	50600717	47.241m	44.026
16)	A 4,4'-DDD	6.668	5.726	80710815	48424048	54.960	50.476
17)	MA 4,4'-DDT	6.984	5.978	84631458	49327162	53.067	54.158
18)	B Endrin al...	6.877	6.044	72474190	42047483	49.467	46.775
19)	B Endosulfa...	7.113	6.269	86284285	52458980	49.913	47.732
20)	A Methoxychlor	7.465	6.562	40051677	26353539	51.202	54.990
21)	B Endrin ke...	7.597	6.774	85686806	63047014	48.895	48.795
22)	Mirex	8.072	6.955	69699729	48937226	48.709	47.946

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072223\
Data File : PL084094.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jul 2023 13:44
Operator : AR\AJ
Sample : PB154315BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB154315BS

Manual Integrations

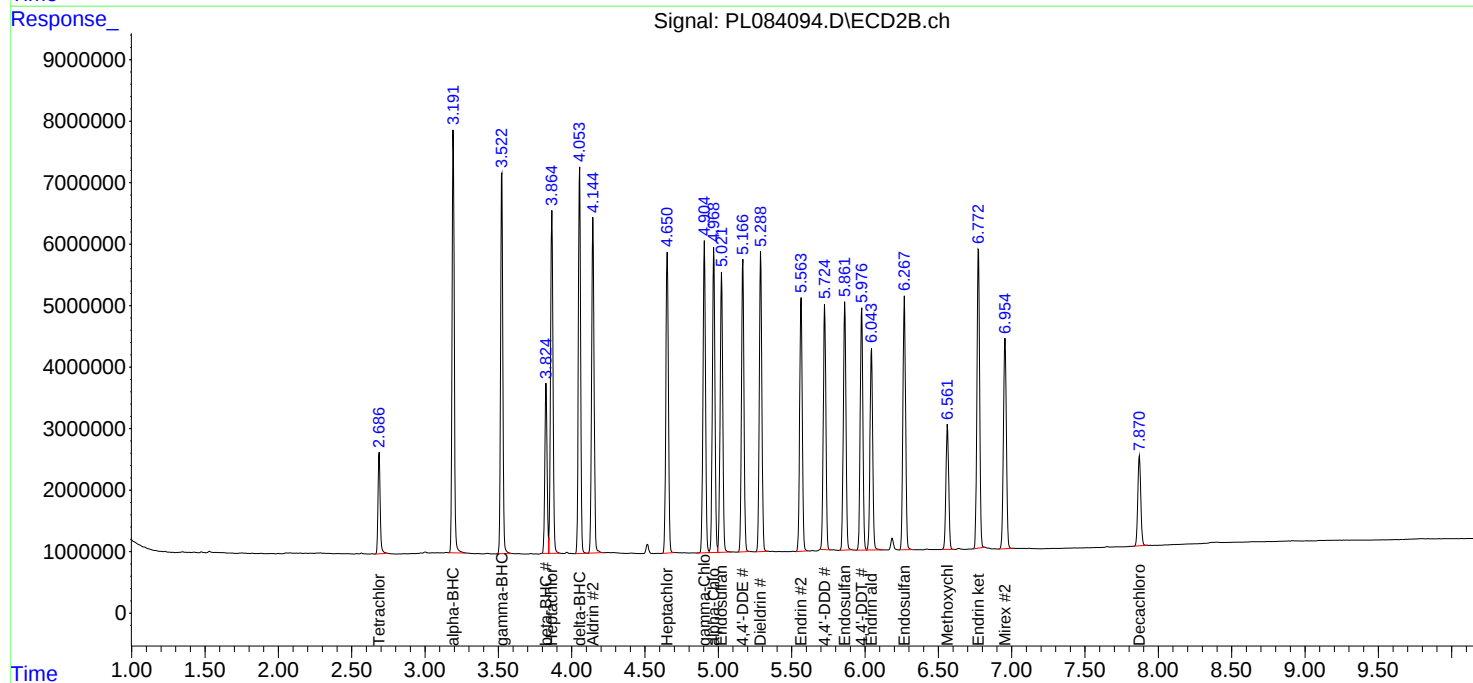
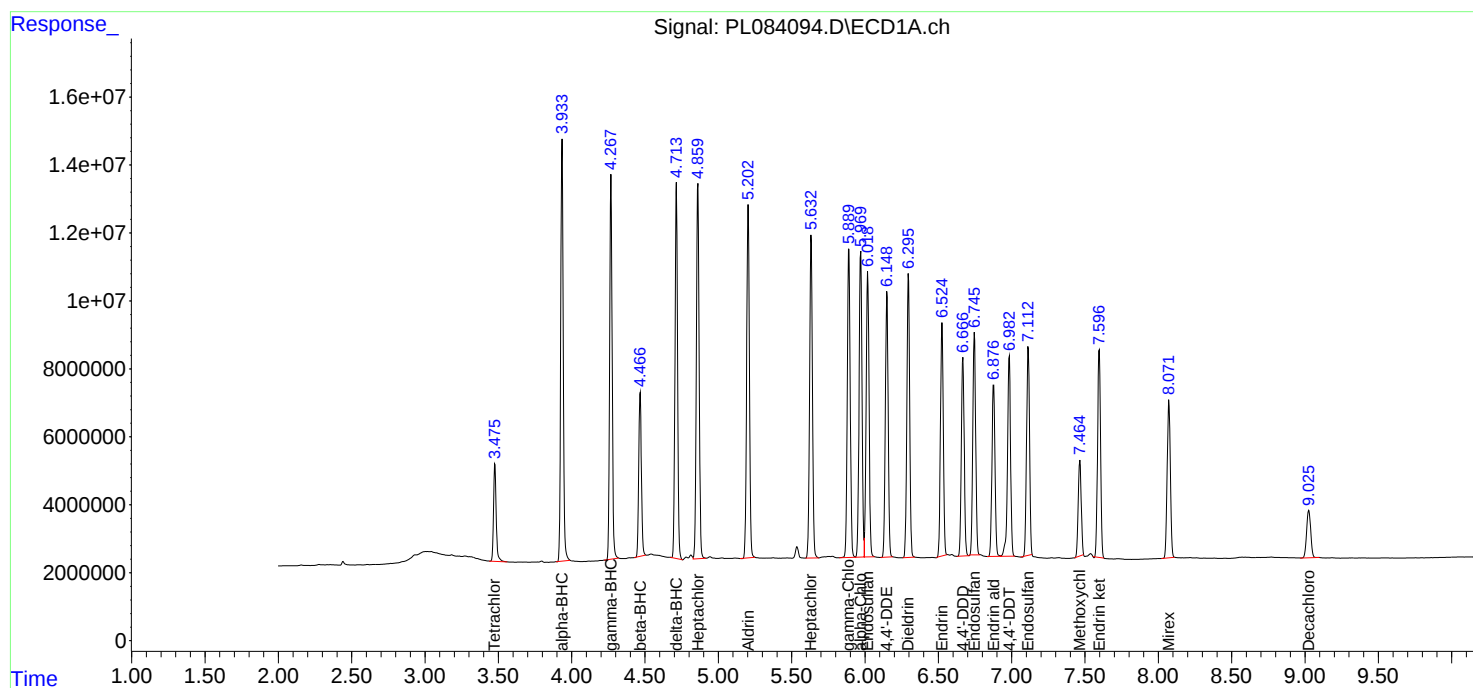
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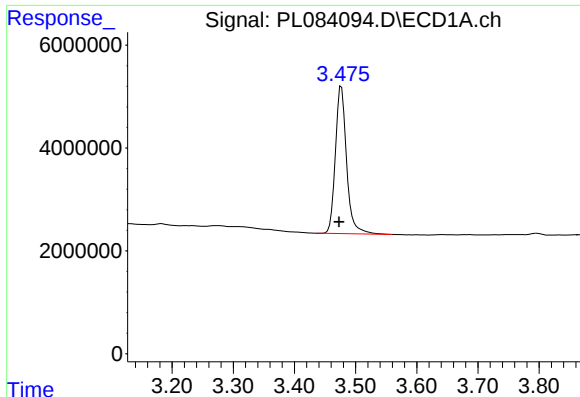
Reviewed By :Abdul Mirza 07/21/2023

Supervised By :Ankita Jodhani 07/21/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 20 21:28:50 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
Quant Title : GC Extractables
QLast Update : Fri Jul 14 00:03:54 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





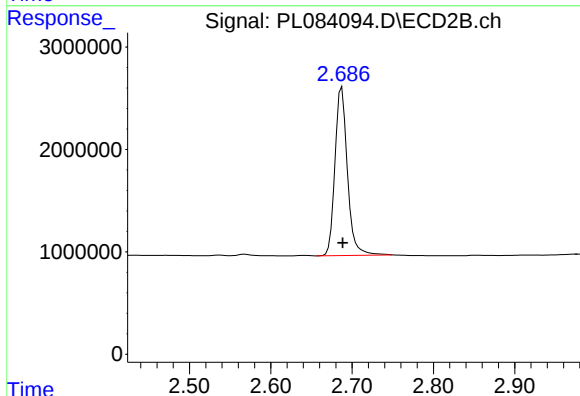
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.004 min
Response: 36427243
Conc: 18.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154315BS

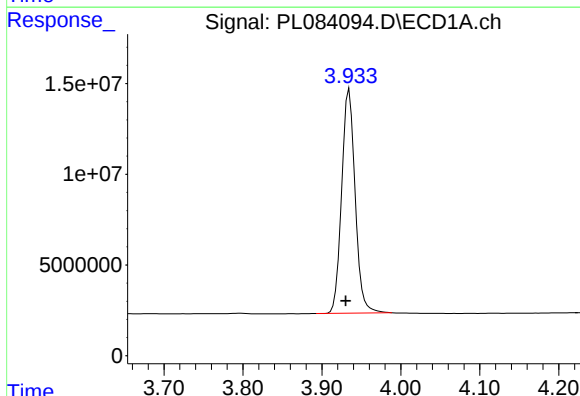
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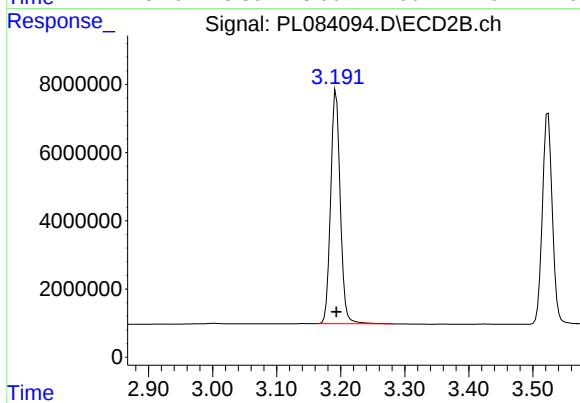
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: 0.000 min
Response: 17500311
Conc: 15.76 ng/ml



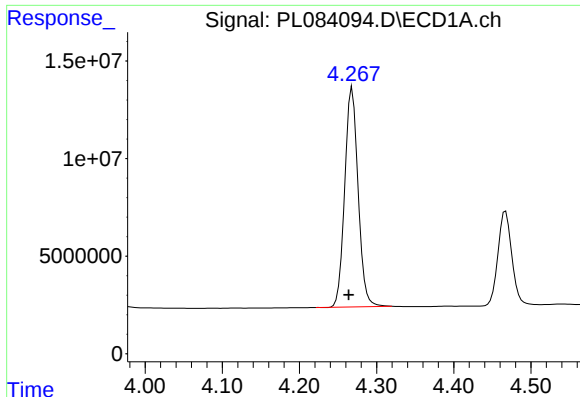
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.004 min
Response: 146800436
Conc: 50.11 ng/ml



#2 alpha-BHC

R.T.: 3.193 min
Delta R.T.: 0.000 min
Response: 71446981
Conc: 44.44 ng/ml



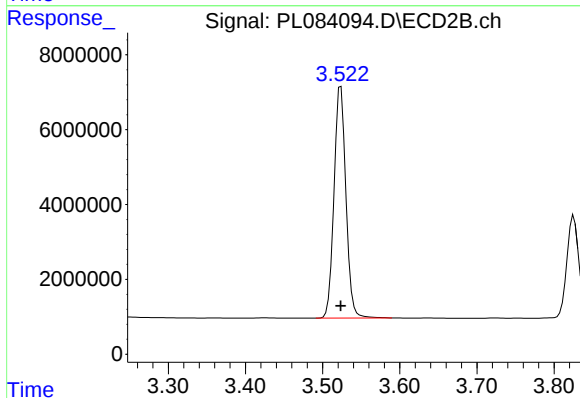
#3 gamma-BHC (Lindane)

R.T.: 4.268 min
Delta R.T.: 0.004 min
Response: 134598431
Conc: 47.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154315BS

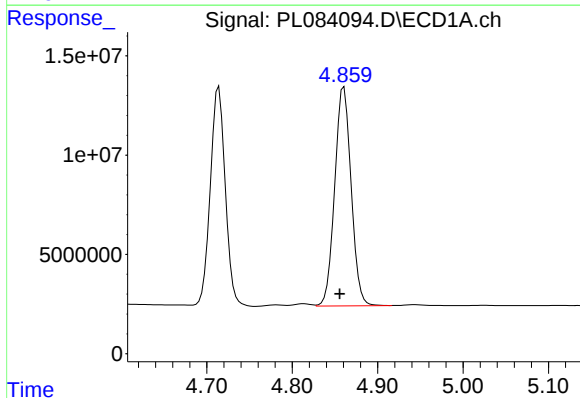
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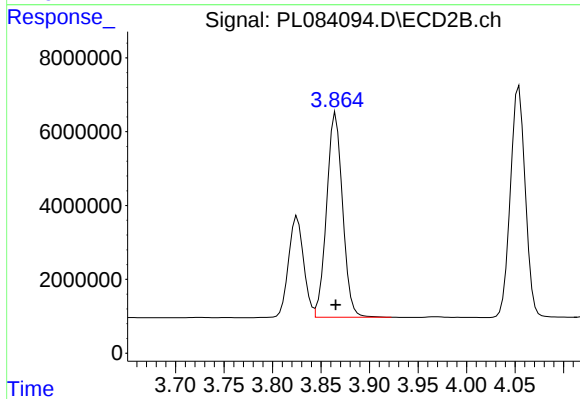
#3 gamma-BHC (Lindane)

R.T.: 3.524 min
Delta R.T.: 0.000 min
Response: 66613742
Conc: 43.80 ng/ml



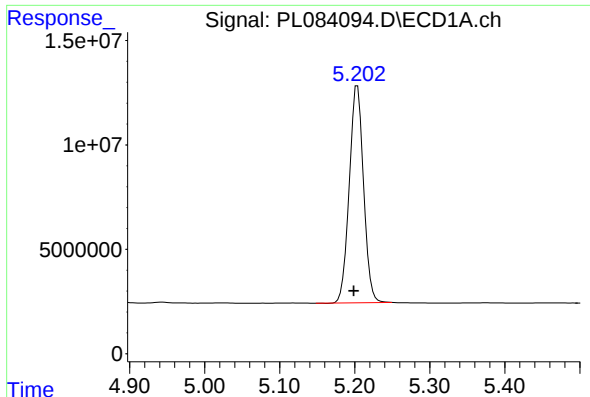
#4 Heptachlor

R.T.: 4.861 min
Delta R.T.: 0.005 min
Response: 147324663
Conc: 54.21 ng/ml



#4 Heptachlor

R.T.: 3.865 min
Delta R.T.: 0.000 min
Response: 63483497
Conc: 53.87 ng/ml



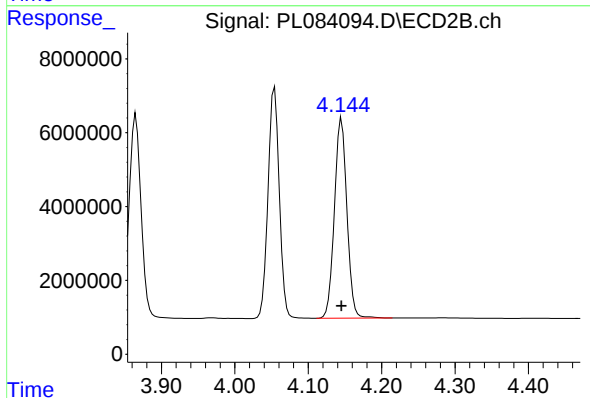
#5 Aldrin

R.T.: 5.204 min
Delta R.T.: 0.005 min
Response: 137338459
Conc: 47.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154315BS

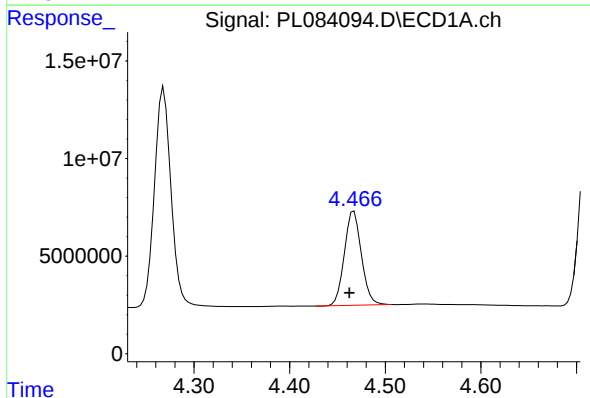
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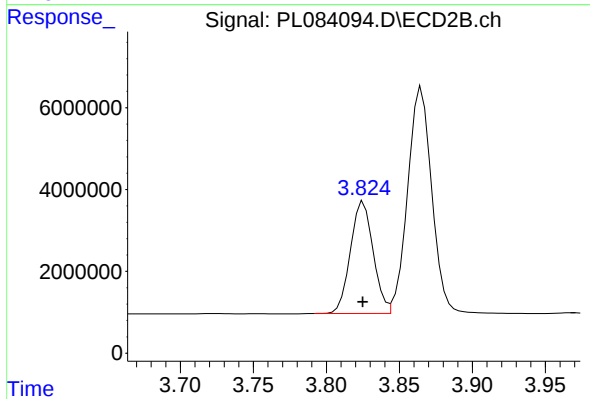
#5 Aldrin

R.T.: 4.145 min
Delta R.T.: 0.000 min
Response: 64125256
Conc: 42.53 ng/ml



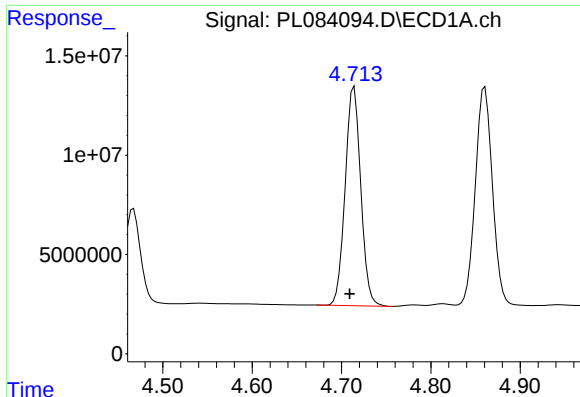
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.005 min
Response: 59983560
Conc: 49.99 ng/ml



#6 beta-BHC

R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 29637763
Conc: 44.90 ng/ml



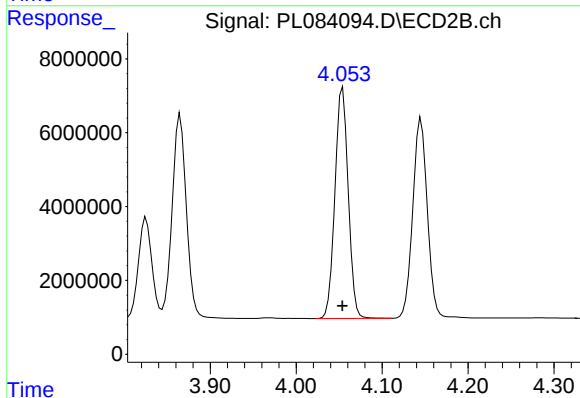
#7 delta-BHC

R.T.: 4.714 min
Delta R.T.: 0.005 min
Response: 133827372
Conc: 50.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154315BS

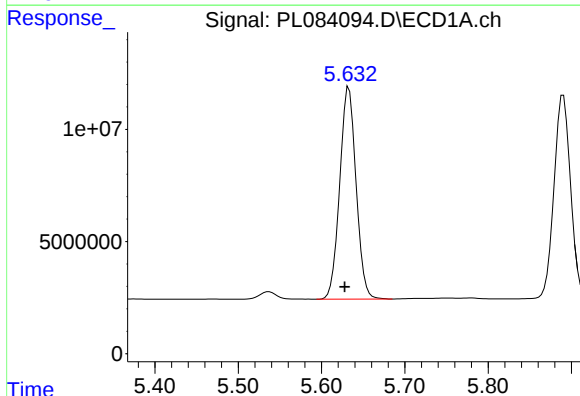
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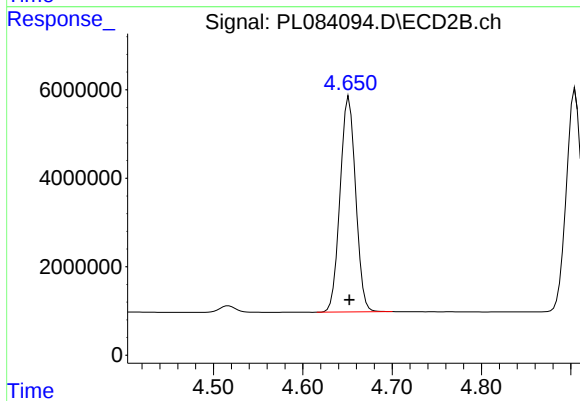
#7 delta-BHC

R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 66944074
Conc: 44.26 ng/ml



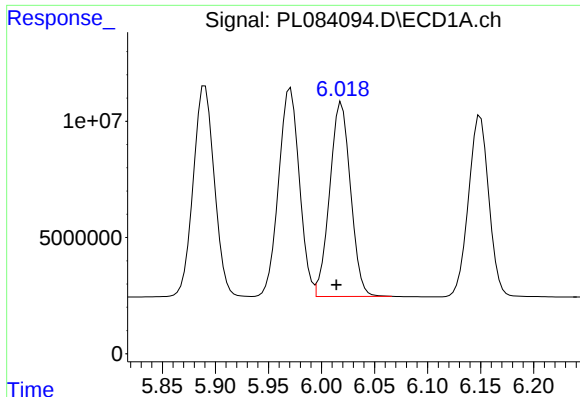
#8 Heptachlor epoxide

R.T.: 5.633 min
Delta R.T.: 0.005 min
Response: 128955820
Conc: 48.31 ng/ml



#8 Heptachlor epoxide

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 58936912
Conc: 45.89 ng/ml



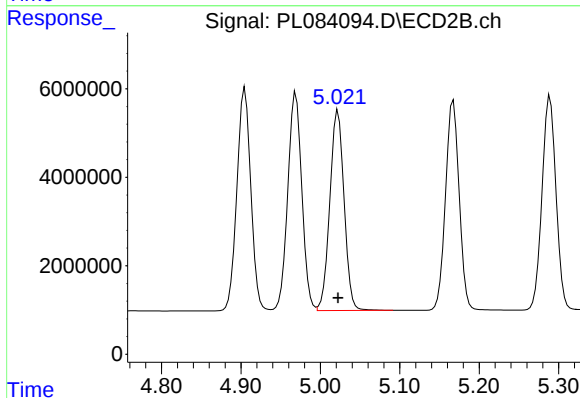
#9 Endosulfan I

R.T.: 6.019 min
Delta R.T.: 0.005 min
Response: 114435165
Conc: 48.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154315BS

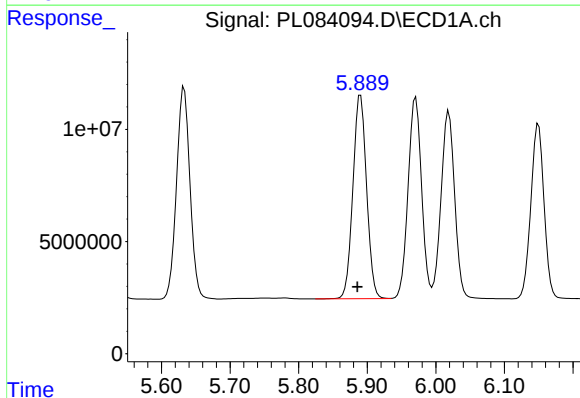
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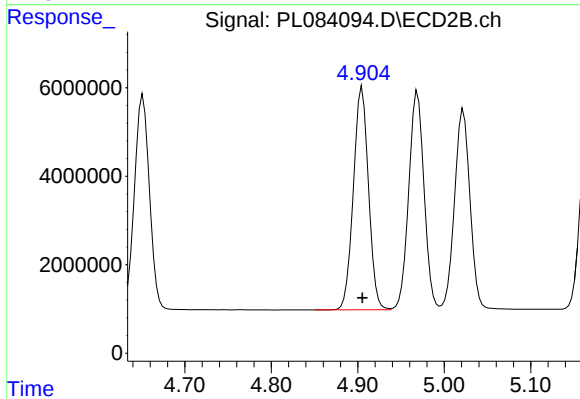
#9 Endosulfan I

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 56335534
Conc: 45.93 ng/ml



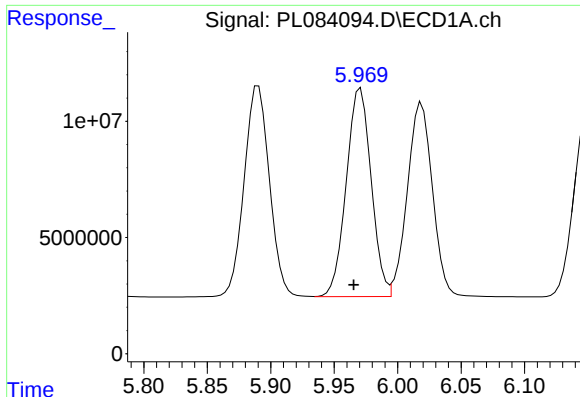
#10 gamma-Chlordane

R.T.: 5.890 min
Delta R.T.: 0.005 min
Response: 125908593
Conc: 48.77 ng/ml



#10 gamma-Chlordane

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 61165497
Conc: 45.91 ng/ml



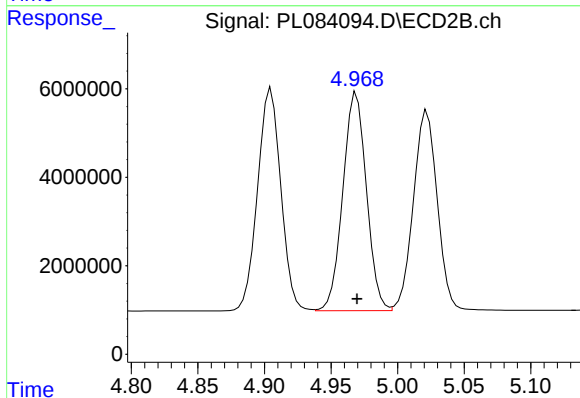
#11 alpha-Chlordane

R.T.: 5.971 min
Delta R.T.: 0.005 min
Response: 122302898
Conc: 48.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154315BS

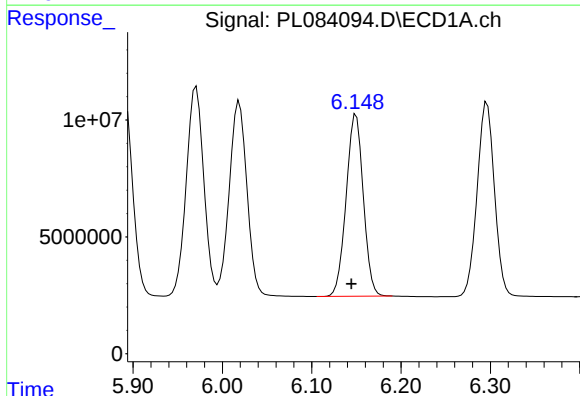
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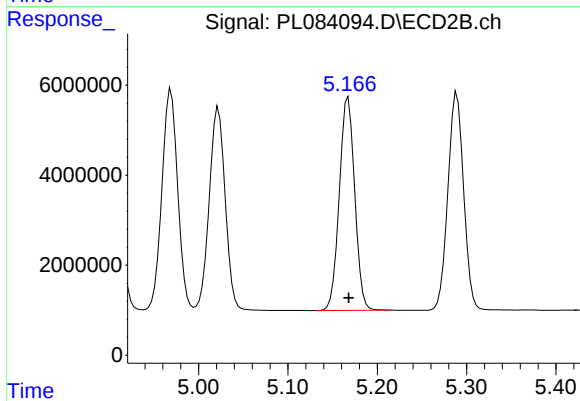
#11 alpha-Chlordane

R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 60820832
Conc: 45.15 ng/ml



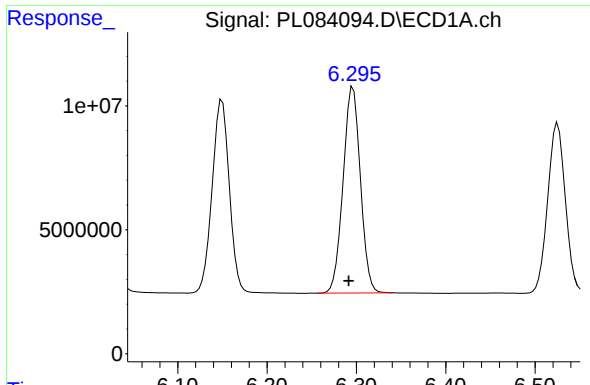
#12 4,4'-DDE

R.T.: 6.150 min
Delta R.T.: 0.005 min
Response: 103845108
Conc: 51.61 ng/ml



#12 4,4'-DDE

R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 56635412
Conc: 46.11 ng/ml



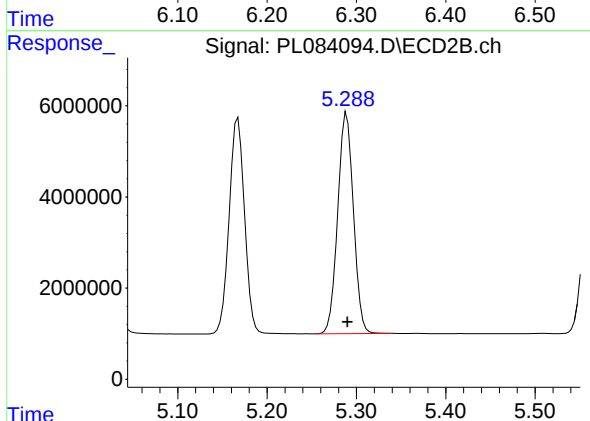
#13 Dieldrin

R.T.: 6.296 min
Delta R.T.: 0.005 min
Response: 111990982
Conc: 46.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154315BS

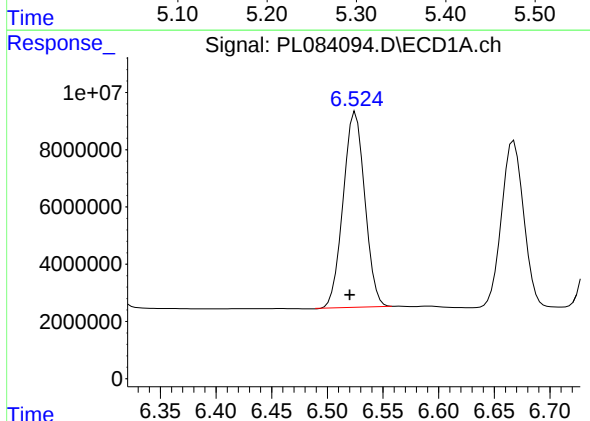
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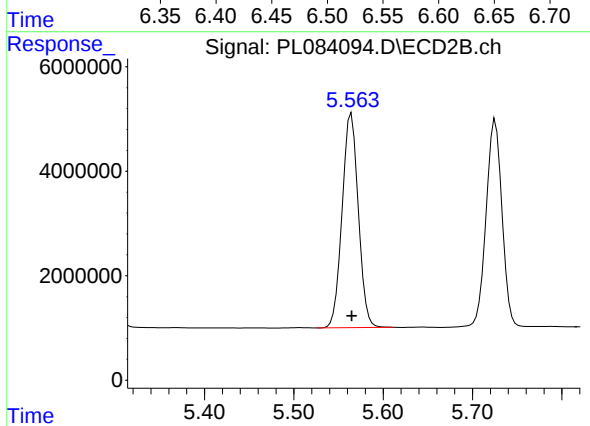
#13 Dieldrin

R.T.: 5.289 min
Delta R.T.: 0.000 min
Response: 59154315
Conc: 45.42 ng/ml



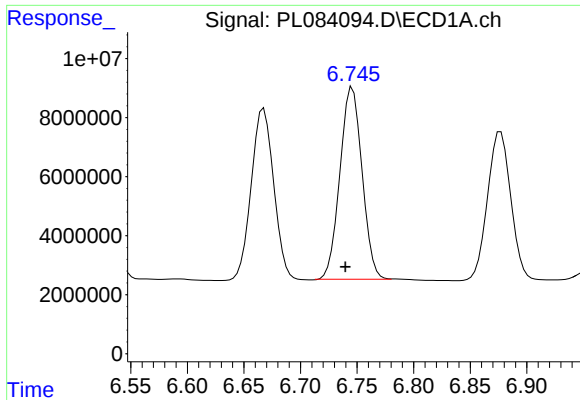
#14 Endrin

R.T.: 6.524 min
Delta R.T.: 0.004 min
Response: 92488071
Conc: 48.56 ng/ml m



#14 Endrin

R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 51591538
Conc: 46.93 ng/ml



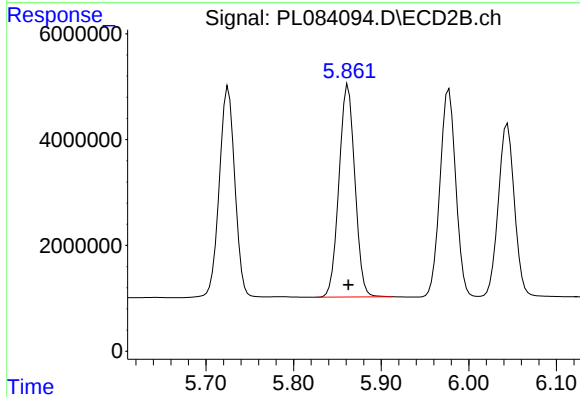
#15 Endosulfan II

R.T.: 6.745 min
Delta R.T.: 0.005 min
Response: 88543703
Conc: 47.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154315BS

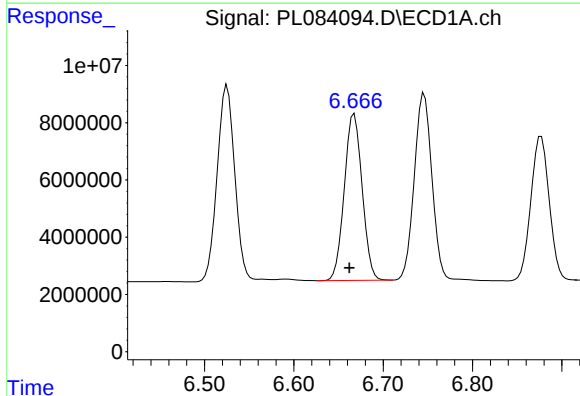
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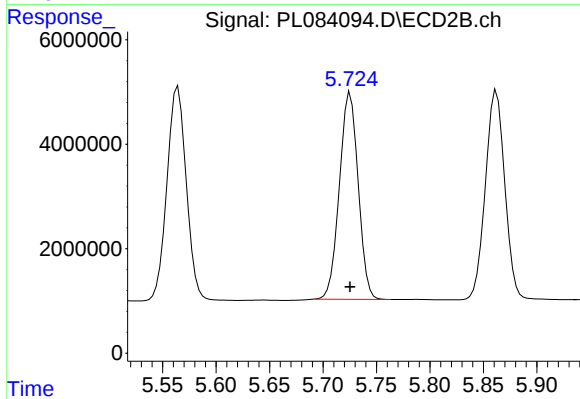
#15 Endosulfan II

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 50600717
Conc: 44.03 ng/ml



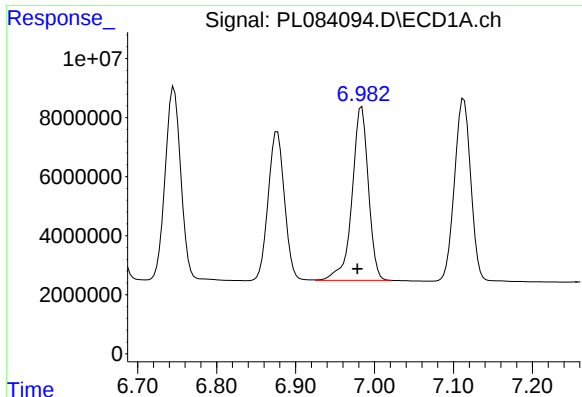
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.005 min
Response: 80710815
Conc: 54.96 ng/ml



#16 4,4'-DDD

R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 48424048
Conc: 50.48 ng/ml



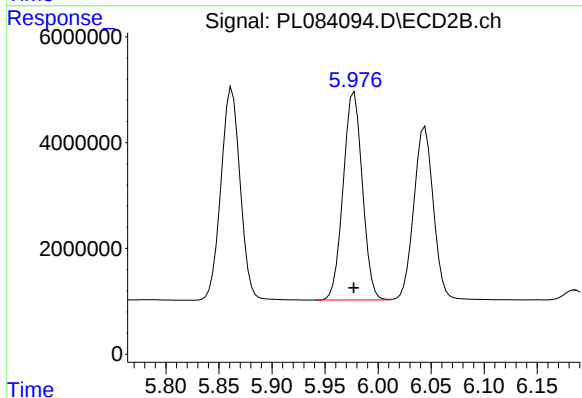
#17 4,4'-DDT

R.T.: 6.984 min
Delta R.T.: 0.006 min
Response: 84631458
Conc: 53.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154315BS

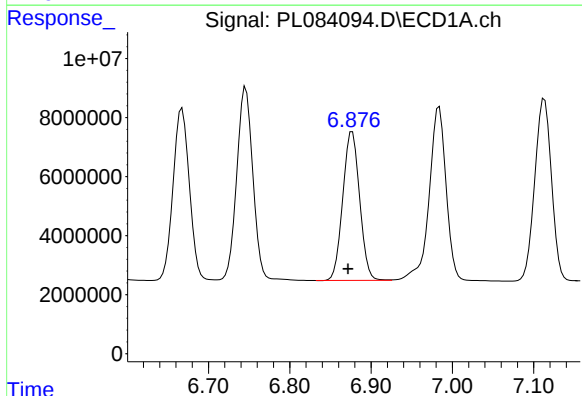
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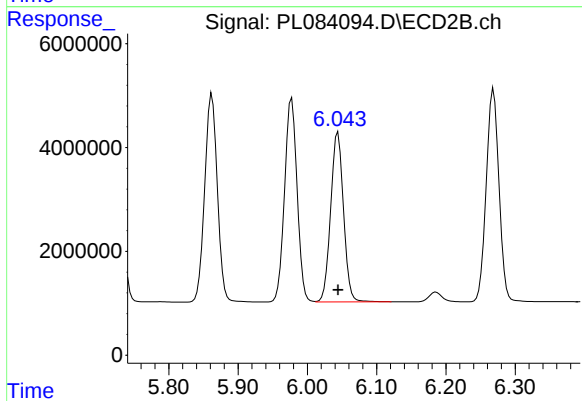
#17 4,4'-DDT

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 49327162
Conc: 54.16 ng/ml



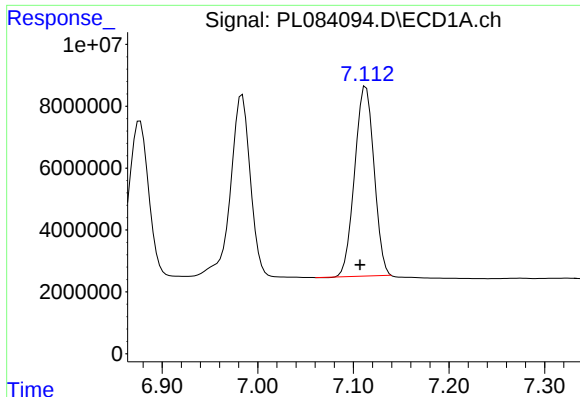
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: 0.005 min
Response: 72474190
Conc: 49.47 ng/ml



#18 Endrin aldehyde

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 42047483
Conc: 46.77 ng/ml



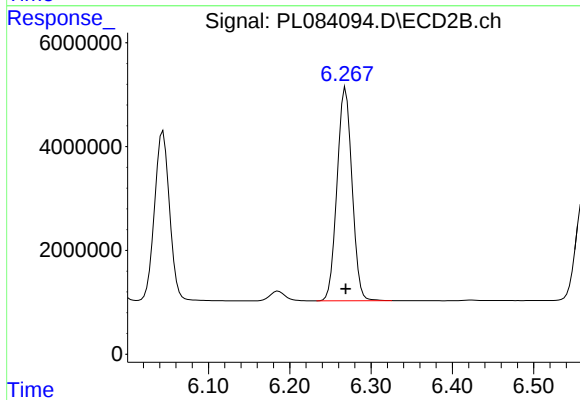
#19 Endosulfan Sulfate

R.T.: 7.113 min
Delta R.T.: 0.006 min
Response: 86284285
Conc: 49.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154315BS

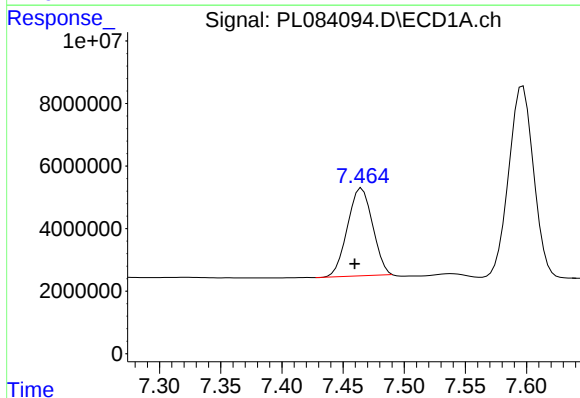
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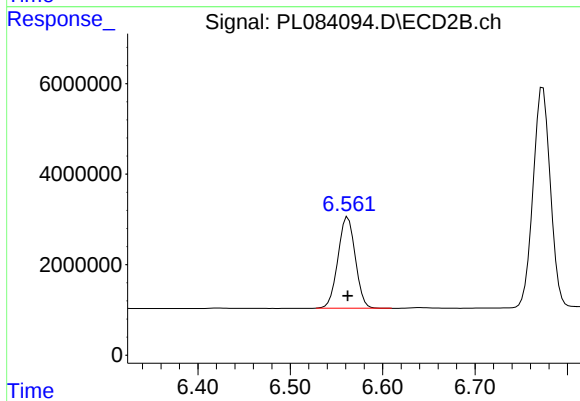
#19 Endosulfan Sulfate

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 52458980
Conc: 47.73 ng/ml



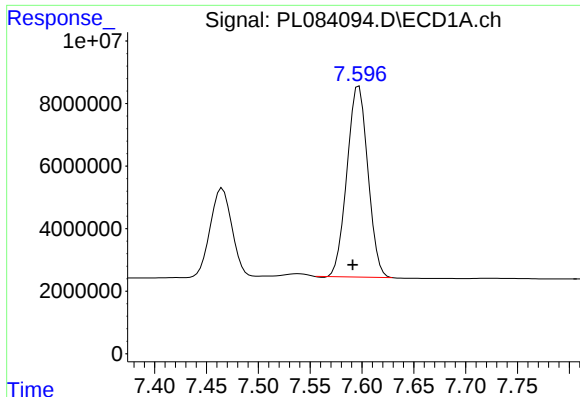
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.006 min
Response: 40051677
Conc: 51.20 ng/ml



#20 Methoxychlor

R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 26353539
Conc: 54.99 ng/ml



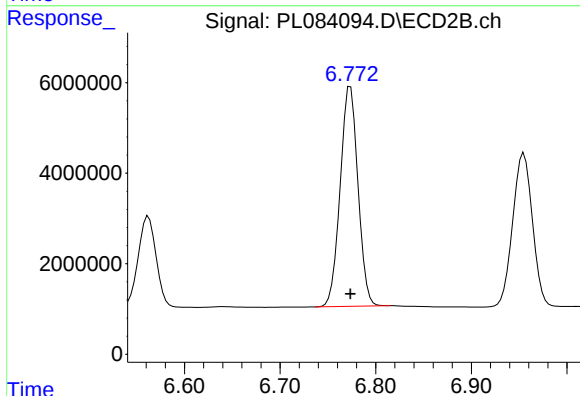
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: 0.006 min
Response: 85686806
Conc: 48.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154315BS

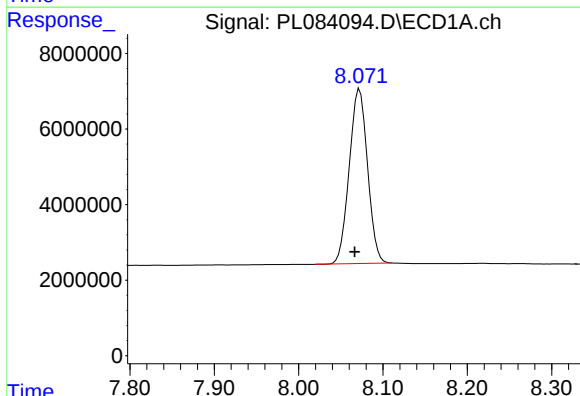
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2023
Supervised By :Ankita Jodhani 07/21/2023



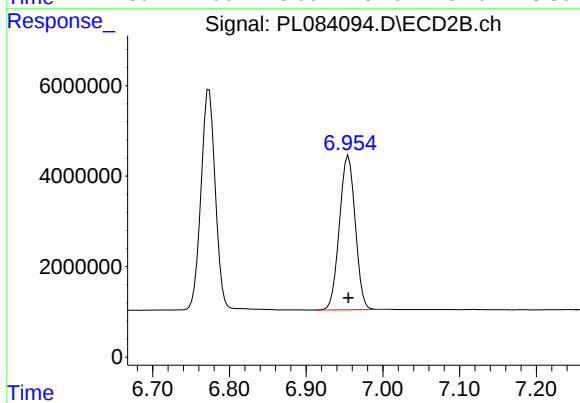
#21 Endrin ketone

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 63047014
Conc: 48.79 ng/ml



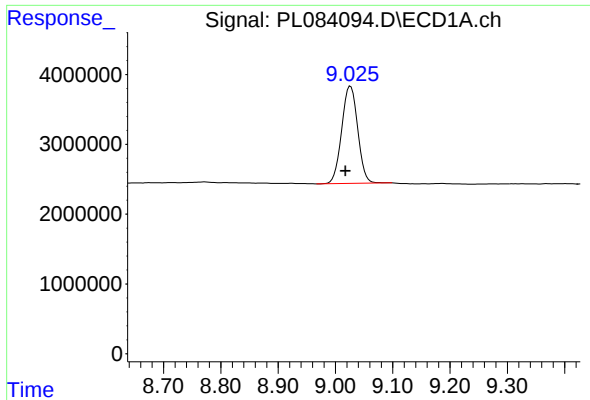
#22 Mirex

R.T.: 8.072 min
Delta R.T.: 0.006 min
Response: 69699729
Conc: 48.71 ng/ml



#22 Mirex

R.T.: 6.955 min
Delta R.T.: 0.000 min
Response: 48937226
Conc: 47.95 ng/ml



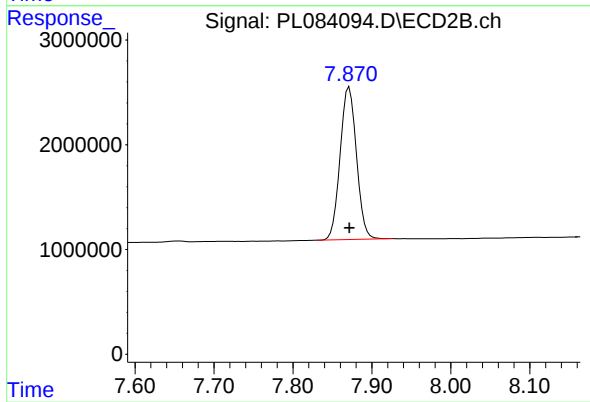
#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: 0.009 min
Response: 27109019
Conc: 20.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB154315BS

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#28 Decachlorobiphenyl

R.T.: 7.871 min
Delta R.T.: 0.000 min
Response: 21007372
Conc: 18.91 ng/ml