

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102924\
 Data File : PL092705.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2024 12:44
 Operator : AR\AJ
 Sample : PB164496BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB164496BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/30/2024
 Supervised By :Ankita Jodhani 11/04/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 30 01:14:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 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...	3.541	2.778	44388715	46249558	18.116	16.996
28)	SA Decachlor...	9.052	7.915	37249965	53512237	19.355	19.607
Target Compounds							
2)	A alpha-BHC	3.997	3.281	157.7E6	193.4E6	46.501	48.464
3)	MA gamma-BHC...	4.327	3.611	149.9E6	185.5E6	45.979m	48.075
4)	MA Heptachlor	4.917	3.950	143.5E6	189.1E6	47.799	50.095
5)	MB Aldrin	5.257	4.230	136.4E6	177.0E6	45.440m	48.352
6)	B beta-BHC	4.526	3.911	68962541	80911938	47.710	49.149
7)	B delta-BHC	4.773	4.140	129.4E6	163.7E6	41.347	42.593
8)	B Heptachlo...	5.685	4.732	127.2E6	165.7E6	46.051	49.588
9)	A Endosulfan I	6.070	5.102	118.4E6	155.1E6	47.341	50.799
10)	B gamma-Chl...	5.941	4.982	128.0E6	170.9E6	48.114	50.828
11)	B alpha-Chl...	6.020	5.046	126.9E6	167.8E6	47.916	50.455
12)	B 4,4'-DDE	6.193	5.235	113.8E6	164.5E6	48.037	51.051
13)	MA Dieldrin	6.345	5.366	125.0E6	169.6E6	47.421	50.764
14)	MA Endrin	6.573	5.641	103.6E6	142.6E6	45.496m	49.281
15)	B Endosulfa...	6.795	5.935	113.1E6	147.1E6	47.424	51.925m
16)	A 4,4'-DDD	6.710	5.789	95166601	130.1E6	49.578	52.232
17)	MA 4,4'-DDT	7.024	6.039	100.5E6	133.6E6	48.560	49.818
18)	B Endrin al...	6.924	6.115	89235365	114.9E6	47.517	49.791
19)	B Endosulfa...	7.158	6.338	102.5E6	135.0E6	47.246	50.057
20)	A Methoxychlor	7.499	6.614	53120998	69008633	46.597	48.324
21)	B Endrin ke...	7.643	6.843	118.3E6	159.5E6	48.812	51.969
22)	Mirex	8.116	7.022	83448145	112.3E6	42.109	43.034m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102924\
Data File : PL092705.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2024 12:44
Operator : AR\AJ
Sample : PB164496BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB164496BS

Manual Integrations

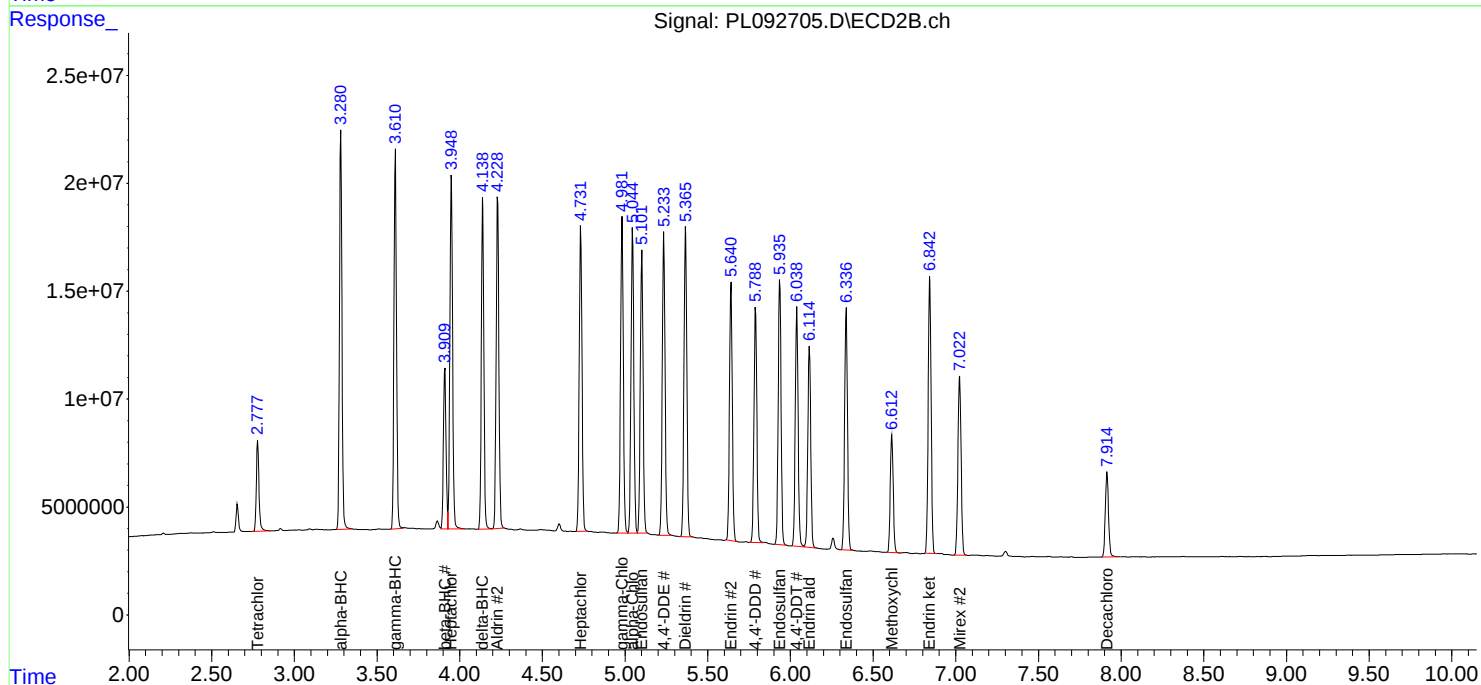
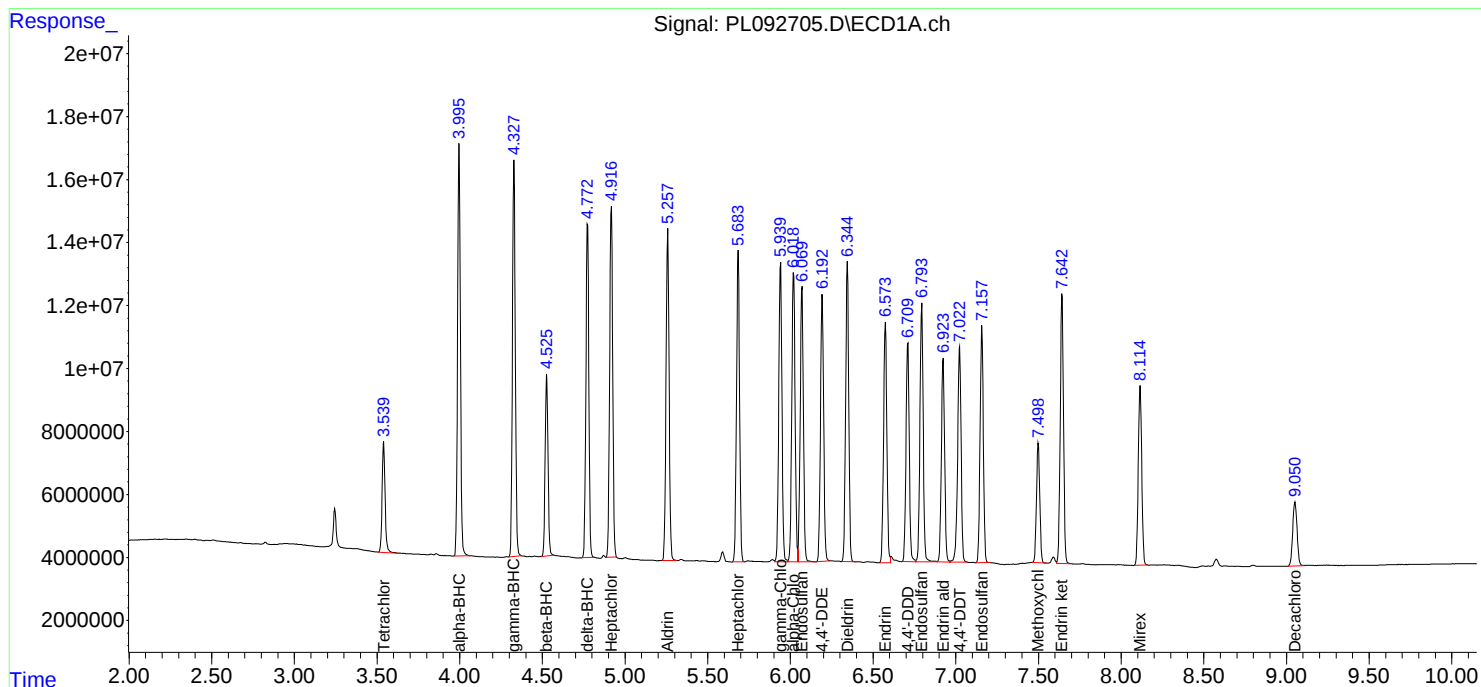
APPROVED

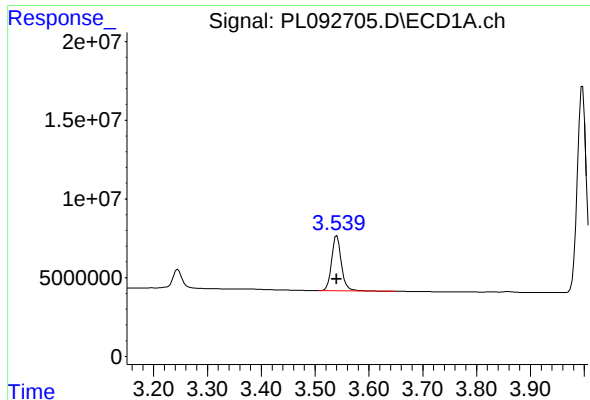
Reviewed By :Abdul Mirza 10/30/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 01:14:50 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 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





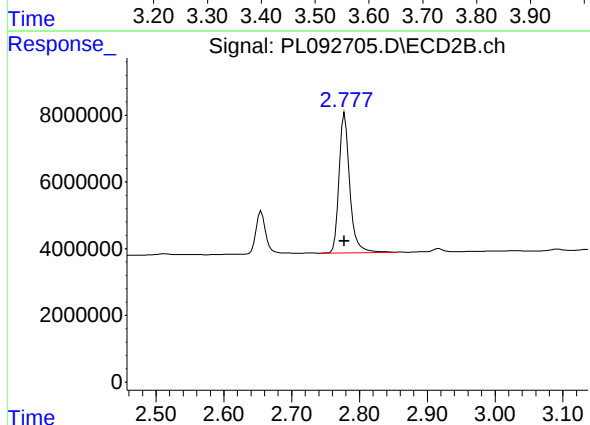
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: 0.000 min
Response: 44388715
Conc: 18.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164496BS

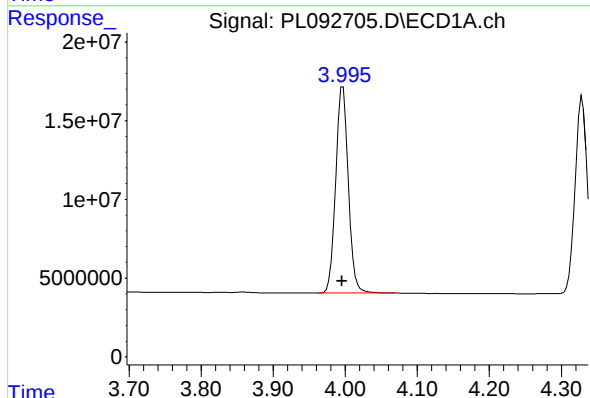
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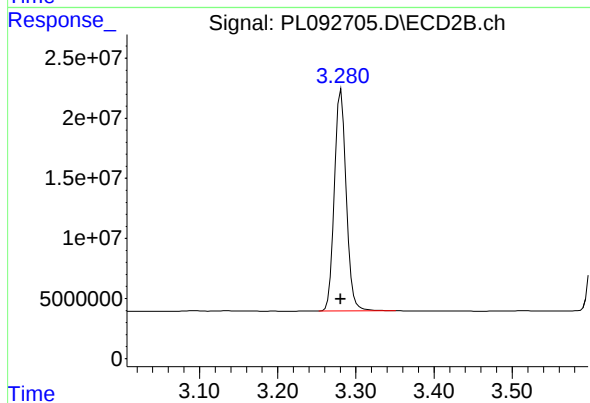
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 46249558
Conc: 17.00 ng/ml



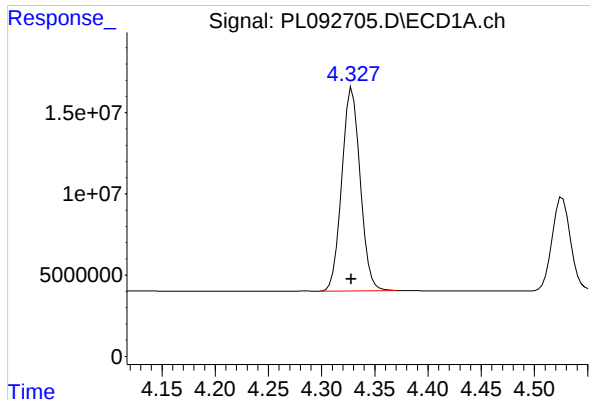
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.001 min
Response: 157712221
Conc: 46.50 ng/ml



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: 0.000 min
Response: 193381070
Conc: 48.46 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 149870717
Conc: 45.98 ng/ml

Instrument :

ECD_L

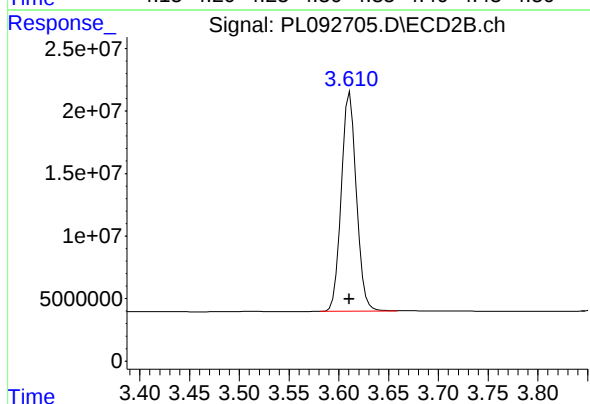
ClientSampleId :

PB164496BS

Manual Integrations

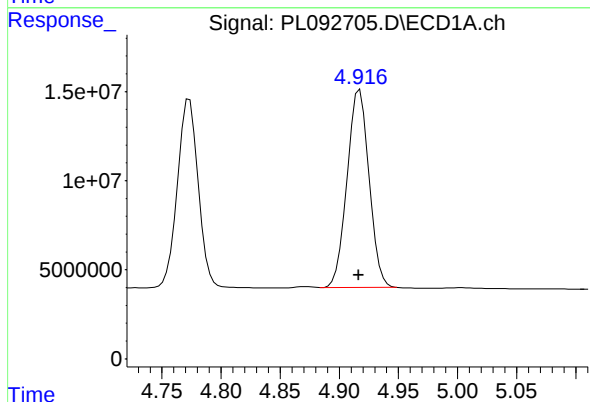
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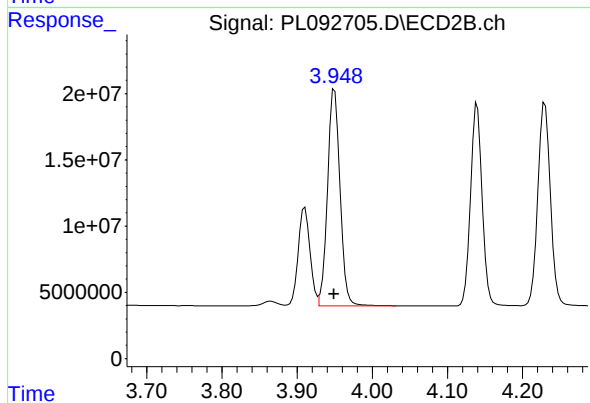
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: 0.000 min
Response: 185544210
Conc: 48.08 ng/ml



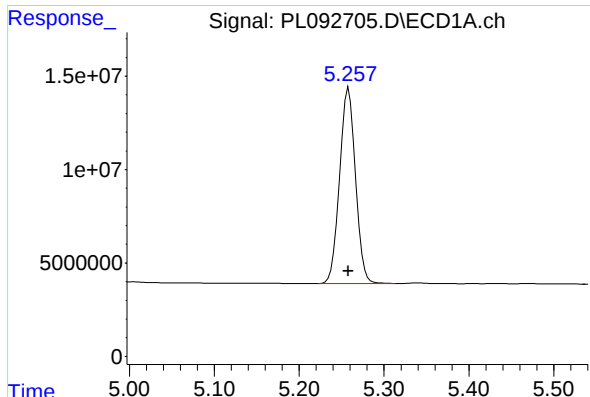
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 143545509
Conc: 47.80 ng/ml



#4 Heptachlor

R.T.: 3.950 min
Delta R.T.: 0.000 min
Response: 189053752
Conc: 50.09 ng/ml



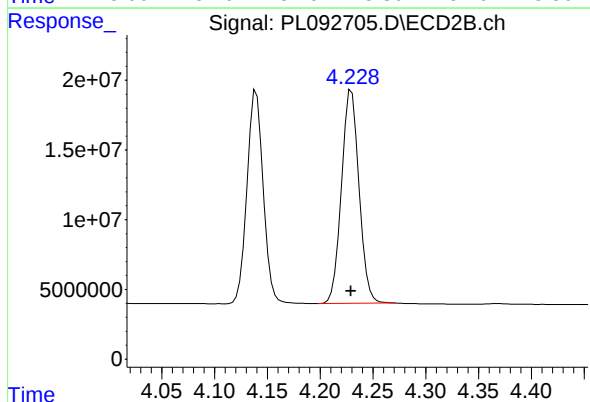
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 136388352
Conc: 45.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164496BS

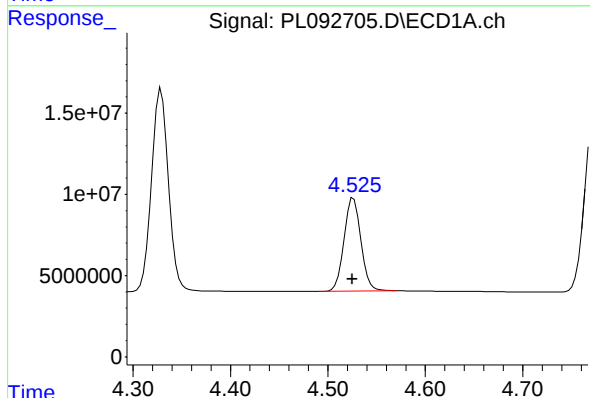
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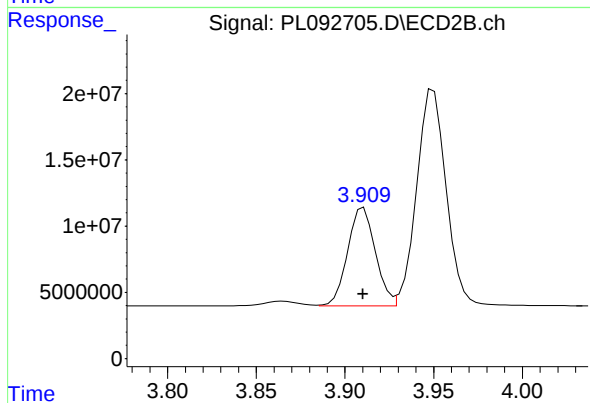
#5 Aldrin

R.T.: 4.230 min
Delta R.T.: 0.000 min
Response: 176976817
Conc: 48.35 ng/ml



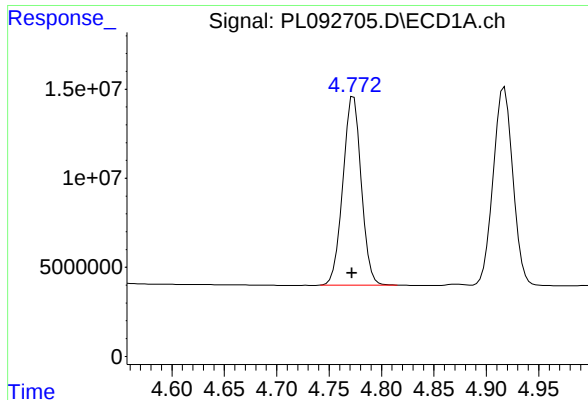
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.001 min
Response: 68962541
Conc: 47.71 ng/ml



#6 beta-BHC

R.T.: 3.911 min
Delta R.T.: 0.000 min
Response: 80911938
Conc: 49.15 ng/ml



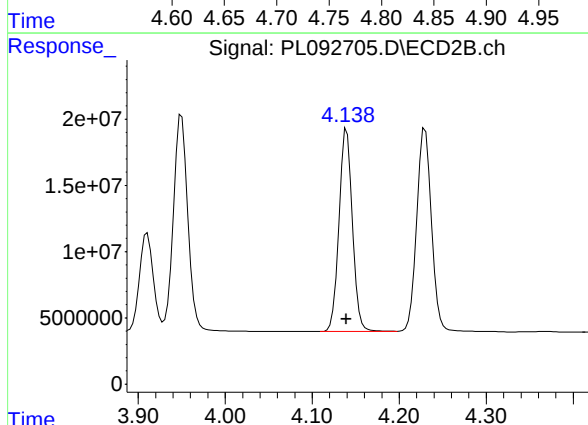
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.001 min
Response: 129410269
Conc: 41.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164496BS

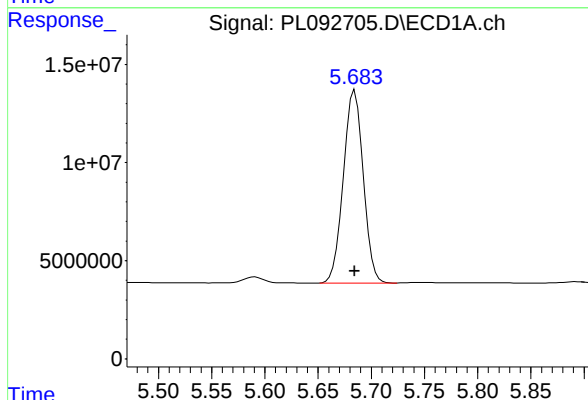
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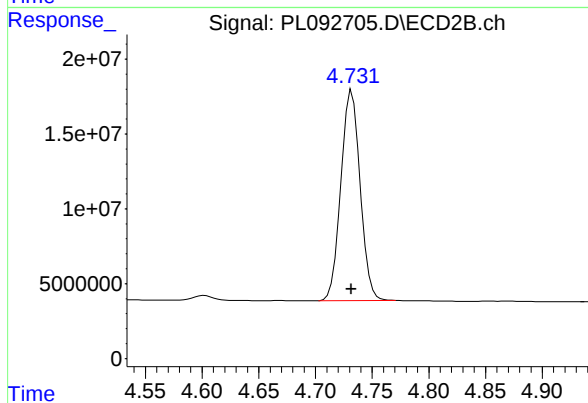
#7 delta-BHC

R.T.: 4.140 min
Delta R.T.: 0.000 min
Response: 163693067
Conc: 42.59 ng/ml



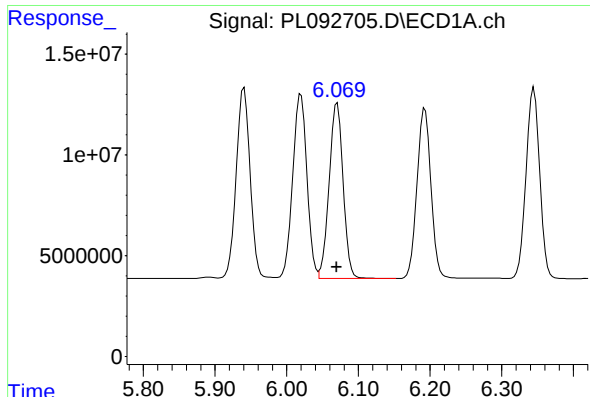
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 127166142
Conc: 46.05 ng/ml



#8 Heptachlor epoxide

R.T.: 4.732 min
Delta R.T.: 0.000 min
Response: 165694993
Conc: 49.59 ng/ml



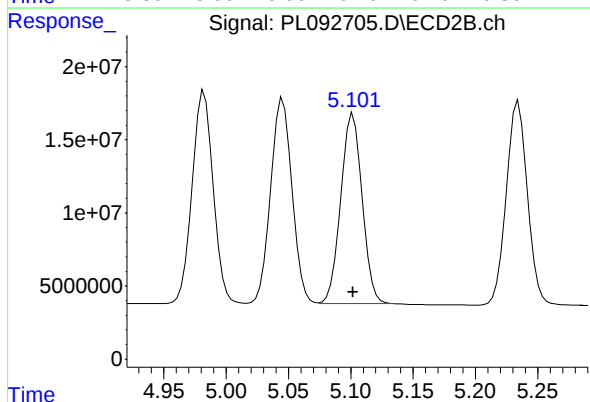
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 118416945
Conc: 47.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164496BS

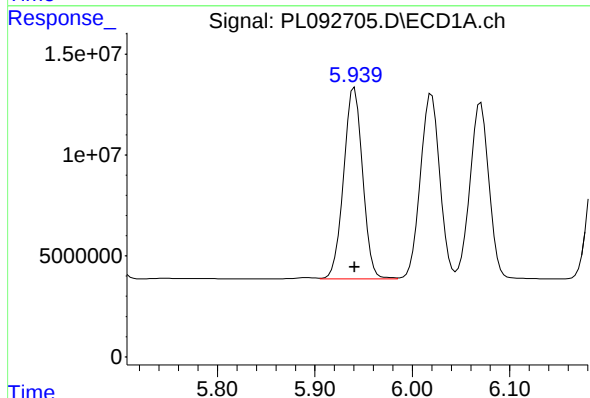
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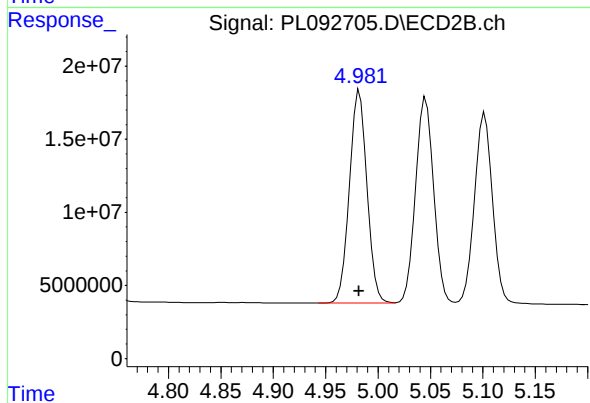
#9 Endosulfan I

R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 155096358
Conc: 50.80 ng/ml



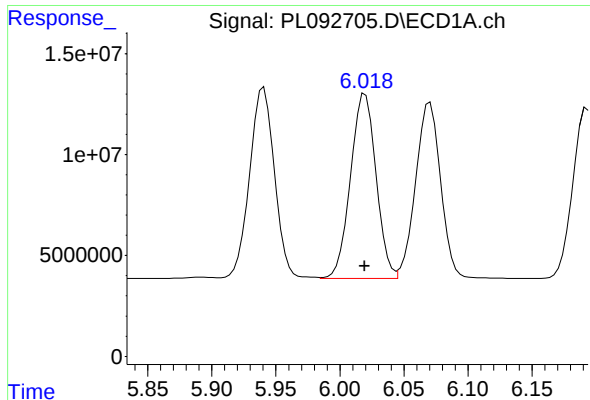
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 128013245
Conc: 48.11 ng/ml



#10 gamma-Chlordane

R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 170866750
Conc: 50.83 ng/ml



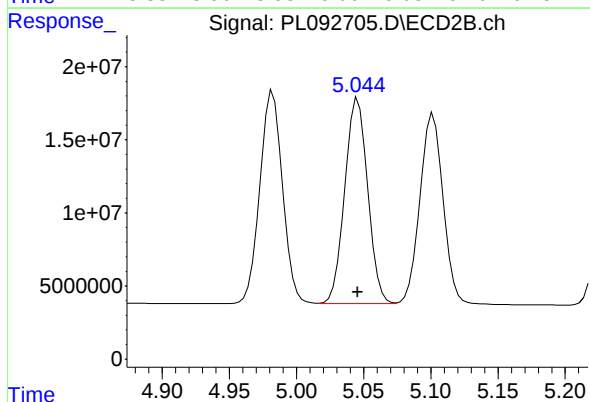
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 126888650
Conc: 47.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164496BS

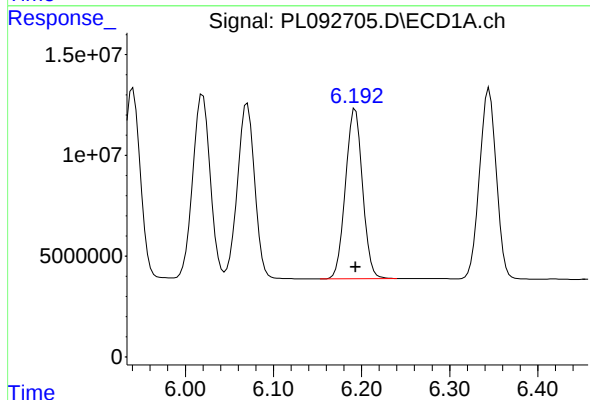
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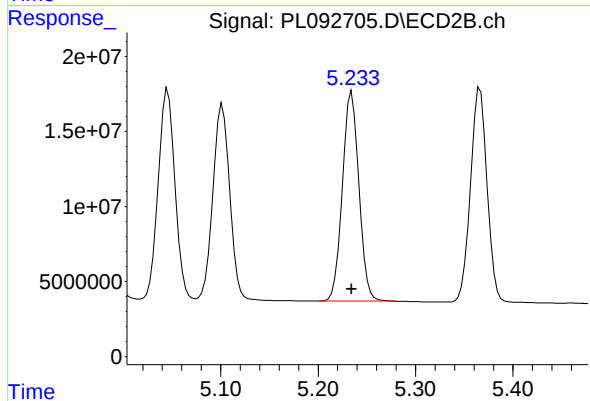
#11 alpha-Chlordane

R.T.: 5.046 min
Delta R.T.: 0.000 min
Response: 167813485
Conc: 50.45 ng/ml



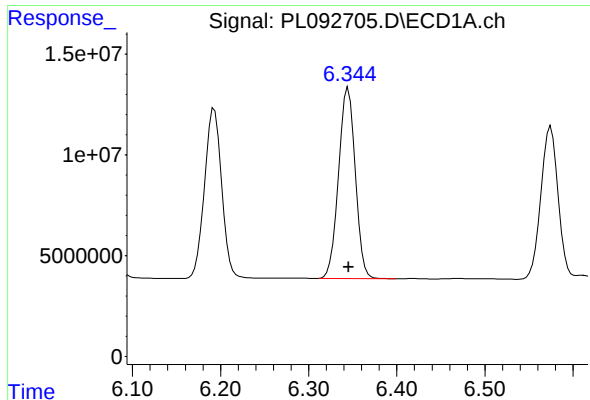
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 113808875
Conc: 48.04 ng/ml



#12 4,4'-DDE

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 164466527
Conc: 51.05 ng/ml



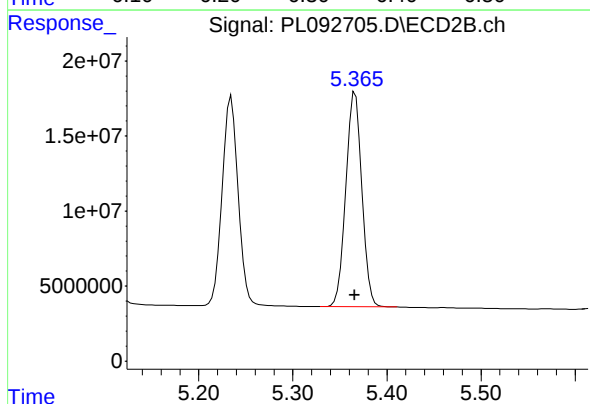
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 124977076
Conc: 47.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164496BS

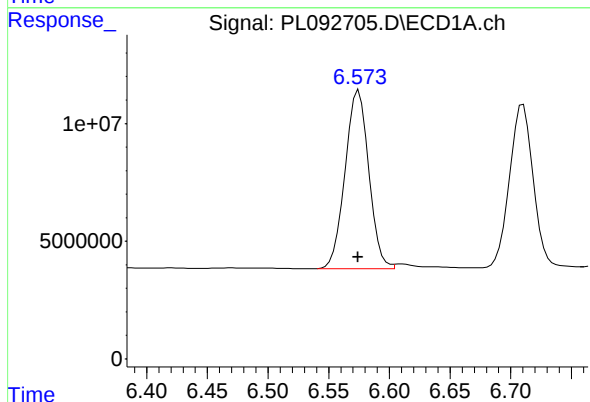
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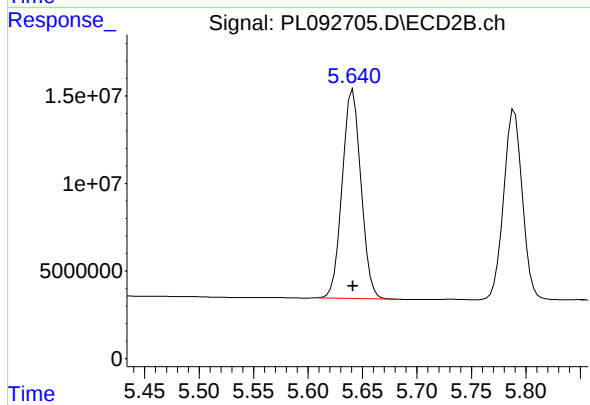
#13 Dieldrin

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 169566762
Conc: 50.76 ng/ml



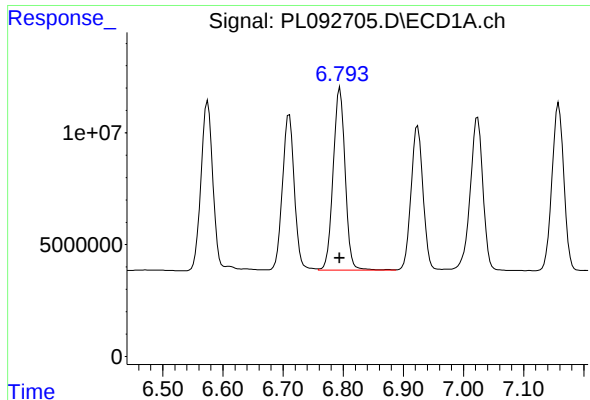
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 103579581
Conc: 45.50 ng/ml m



#14 Endrin

R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 142571016
Conc: 49.28 ng/ml



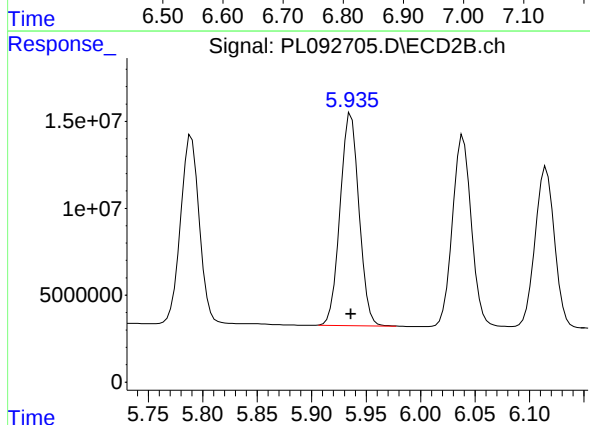
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 113050583
Conc: 47.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164496BS

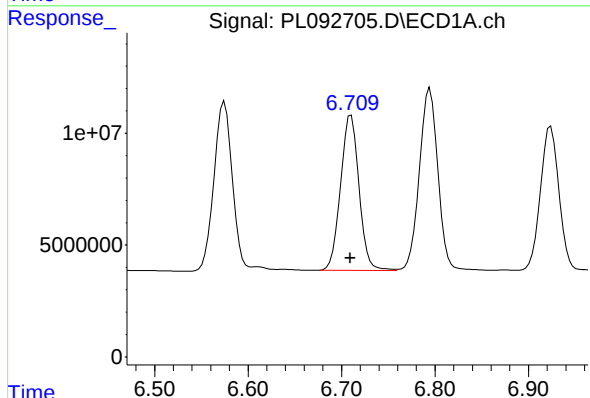
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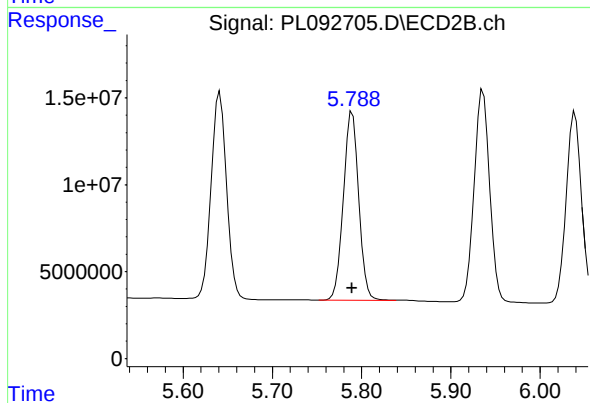
#15 Endosulfan II

R.T.: 5.935 min
Delta R.T.: -0.001 min
Response: 147118424
Conc: 51.93 ng/ml m



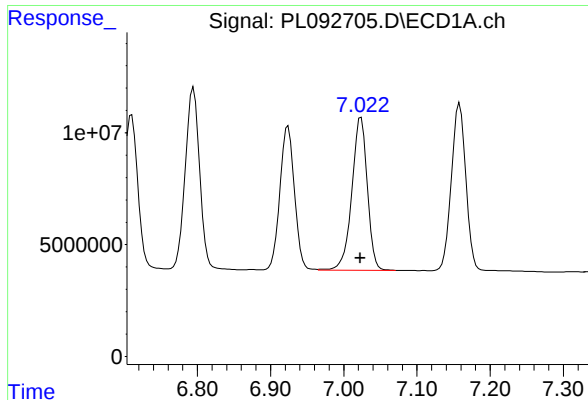
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 95166601
Conc: 49.58 ng/ml



#16 4,4'-DDD

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 130060726
Conc: 52.23 ng/ml



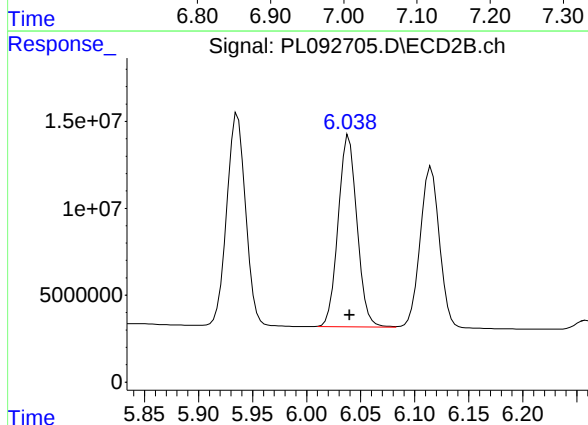
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 100506514
Conc: 48.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164496BS

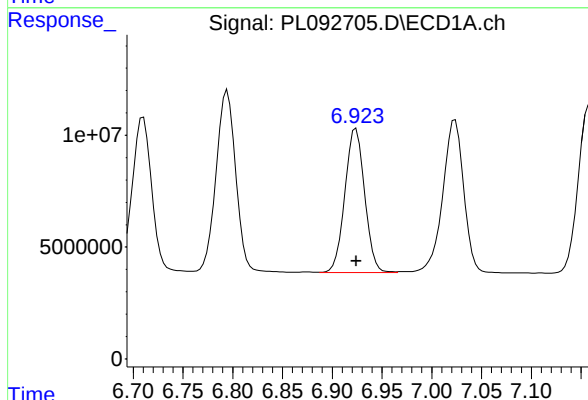
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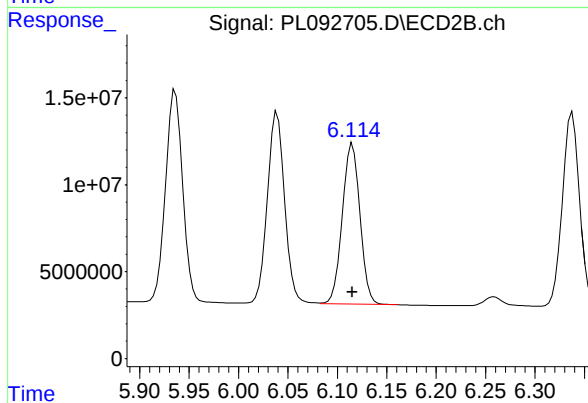
#17 4,4'-DDT

R.T.: 6.039 min
Delta R.T.: 0.000 min
Response: 133626122
Conc: 49.82 ng/ml



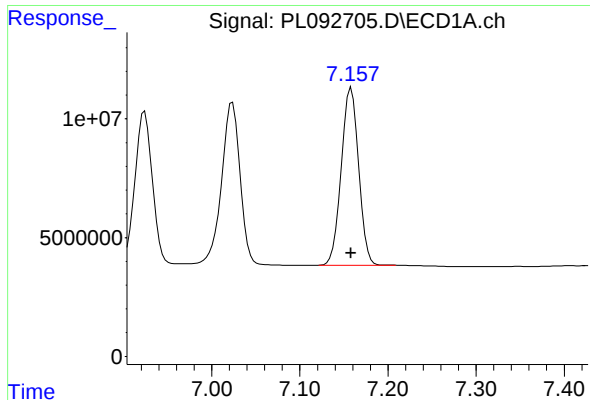
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 89235365
Conc: 47.52 ng/ml



#18 Endrin aldehyde

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 114881663
Conc: 49.79 ng/ml



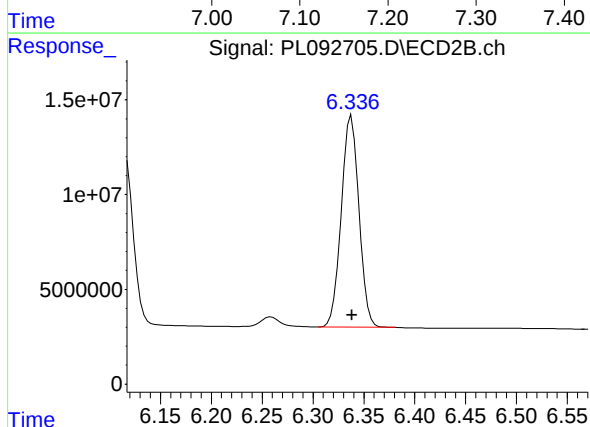
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 102540789
Conc: 47.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164496BS

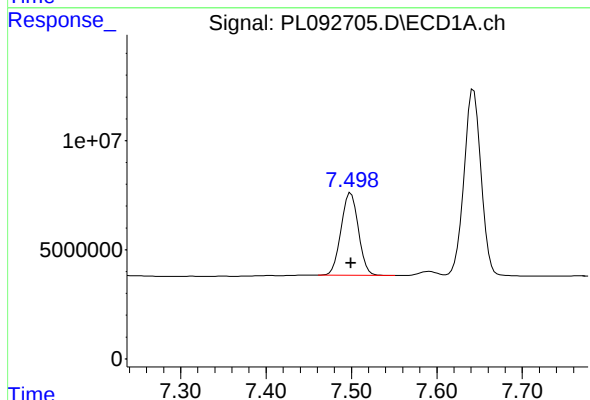
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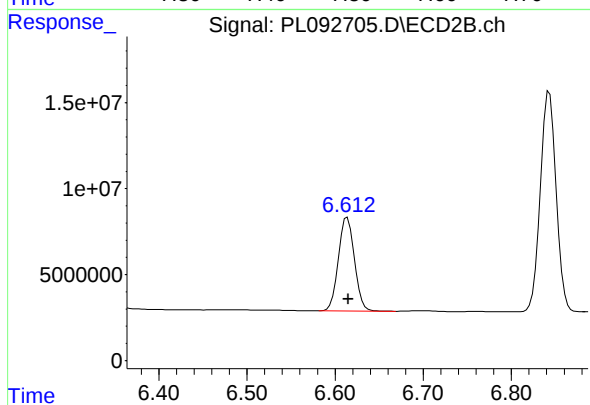
#19 Endosulfan Sulfate

R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 134997278
Conc: 50.06 ng/ml



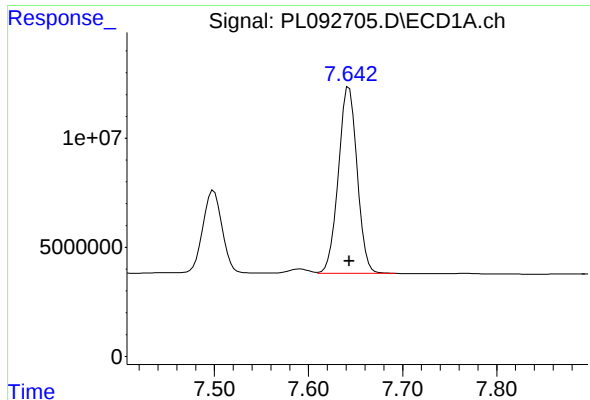
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 53120998
Conc: 46.60 ng/ml



#20 Methoxychlor

R.T.: 6.614 min
Delta R.T.: -0.001 min
Response: 69008633
Conc: 48.32 ng/ml



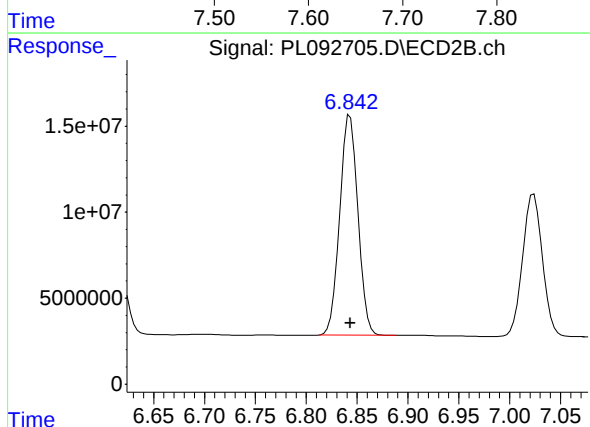
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 118261997
Conc: 48.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164496BS

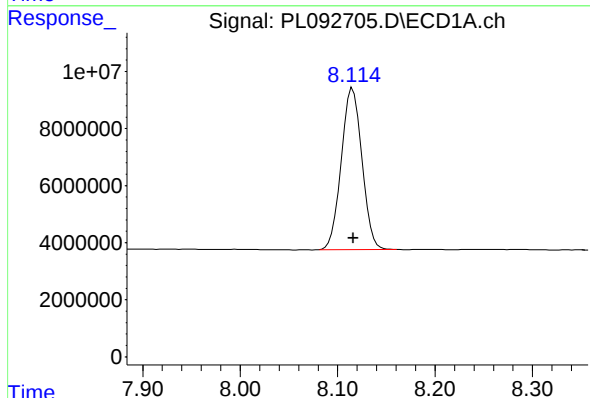
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/30/2024
Supervised By :Ankita Jodhani 11/04/2024



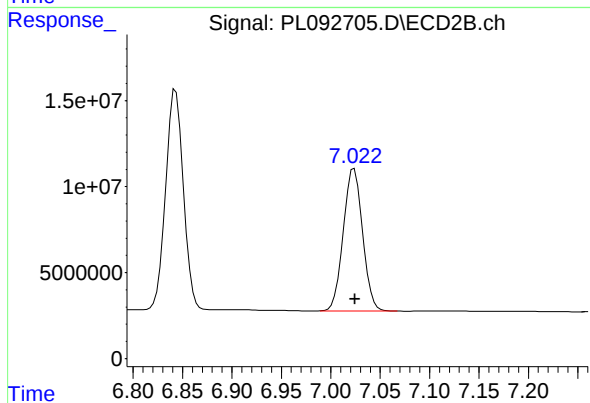
#21 Endrin ketone

R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 159483782
Conc: 51.97 ng/ml



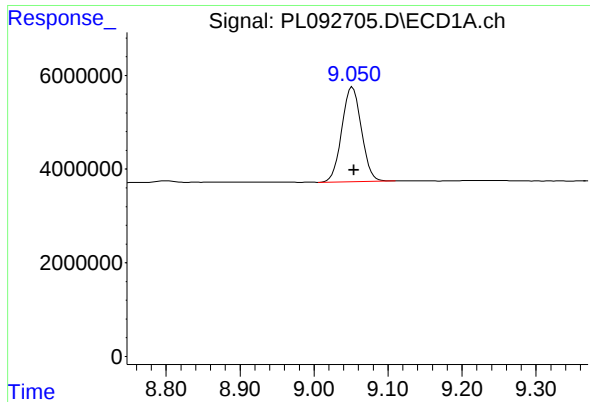
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 83448145
Conc: 42.11 ng/ml



#22 Mirex

R.T.: 7.022 min
Delta R.T.: -0.002 min
Response: 112278229
Conc: 43.03 ng/ml m



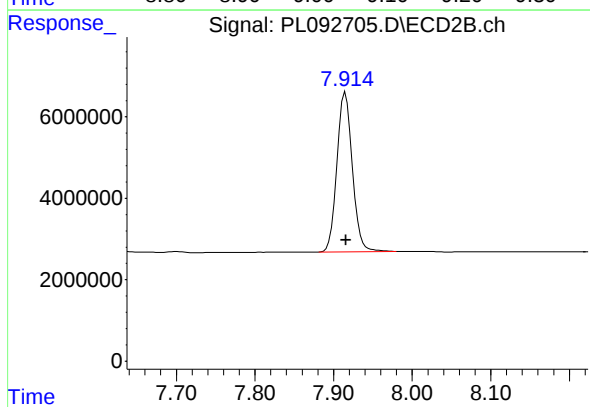
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.002 min
Response: 37249965
Conc: 19.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164496BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.915 min
Delta R.T.: 0.000 min
Response: 53512237
Conc: 19.61 ng/ml