

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102424\
 Data File : PL092601.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2024 12:56
 Operator : AR\AJ
 Sample : P4487-05MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 BP-F27MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/25/2024
 Supervised By :Ankita Jodhani 10/28/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 02:12:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102124.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 21 17:09:23 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...	3.539	2.778	50999277	54854687	18.932m	19.750
28) SA Decachlor...	9.057	7.919	38202910	51405812	18.809	19.509
Target Compounds						
2) A alpha-BHC	3.997	3.281	176.4E6	211.7E6	42.809	49.053
3) MA gamma-BHC...	4.330	3.612	164.7E6	199.9E6	42.812	48.542
4) MA Heptachlor	4.919	3.951	156.6E6	207.2E6	44.154	51.594
5) MB Aldrin	5.260	4.231	148.8E6	194.3E6	40.457	48.884
6) B beta-BHC	4.527	3.911	75659843	87987122	48.740	50.395
7) B delta-BHC	4.774	4.141	152.4E6	194.6E6	40.523	46.260
8) B Heptachlo...	5.686	4.734	137.9E6	176.6E6	41.539	50.112
9) A Endosulfan I	6.072	5.104	126.9E6	163.9E6	42.013	51.504
10) B gamma-Chl...	5.942	4.984	134.0E6	183.0E6	40.636	49.741
11) B alpha-Chl...	6.021	5.047	135.2E6	235.7E6	41.509	66.309 #
12) B 4,4'-DDE	6.195	5.236	122.1E6	174.6E6	41.151	50.220
13) MA Dieldrin	6.347	5.368	133.8E6	176.2E6	41.146	48.217
14) MA Endrin	6.577	5.644	113.4E6	157.9E6	40.175	48.221
15) B Endosulfa...	6.796	5.938	118.6E6	151.2E6	41.920	48.374
16) A 4,4'-DDD	6.712	5.792	102.5E6	131.9E6	42.442	47.477
17) MA 4,4'-DDT	7.026	6.042	109.8E6	148.0E6	44.524	50.399
18) B Endrin al...	6.926	6.118	91779614	115.3E6	42.966	46.941
19) B Endosulfa...	7.161	6.340	109.8E6	138.9E6	43.438	46.972
20) A Methoxychlor	7.502	6.617	59129429	75628290	50.207	53.339
21) B Endrin ke...	7.646	6.846	122.1E6	154.0E6	44.399	47.954
22) Mirex	8.119	7.027	91321639	126.3E6	43.765	48.314

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102424\
Data File : PL092601.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2024 12:56
Operator : AR\AJ
Sample : P4487-05MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

BP-F27MSD

Manual Integrations

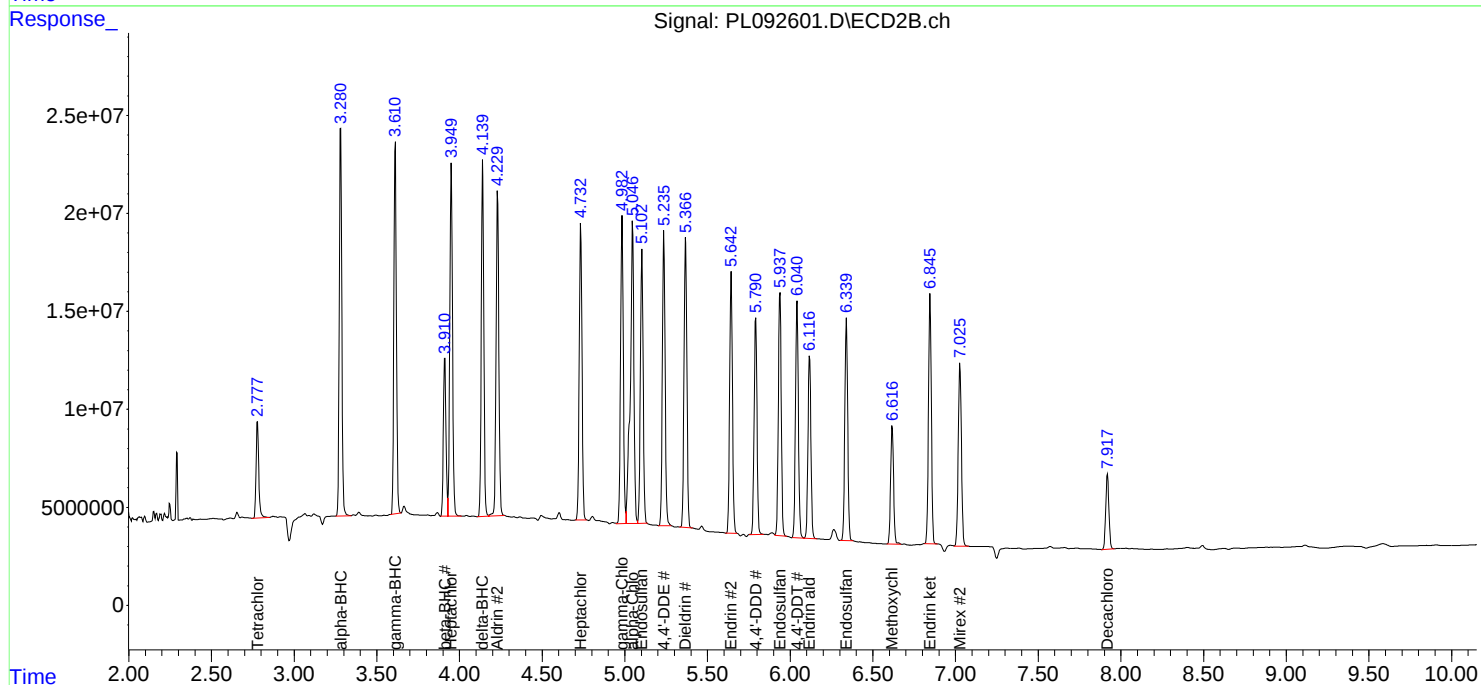
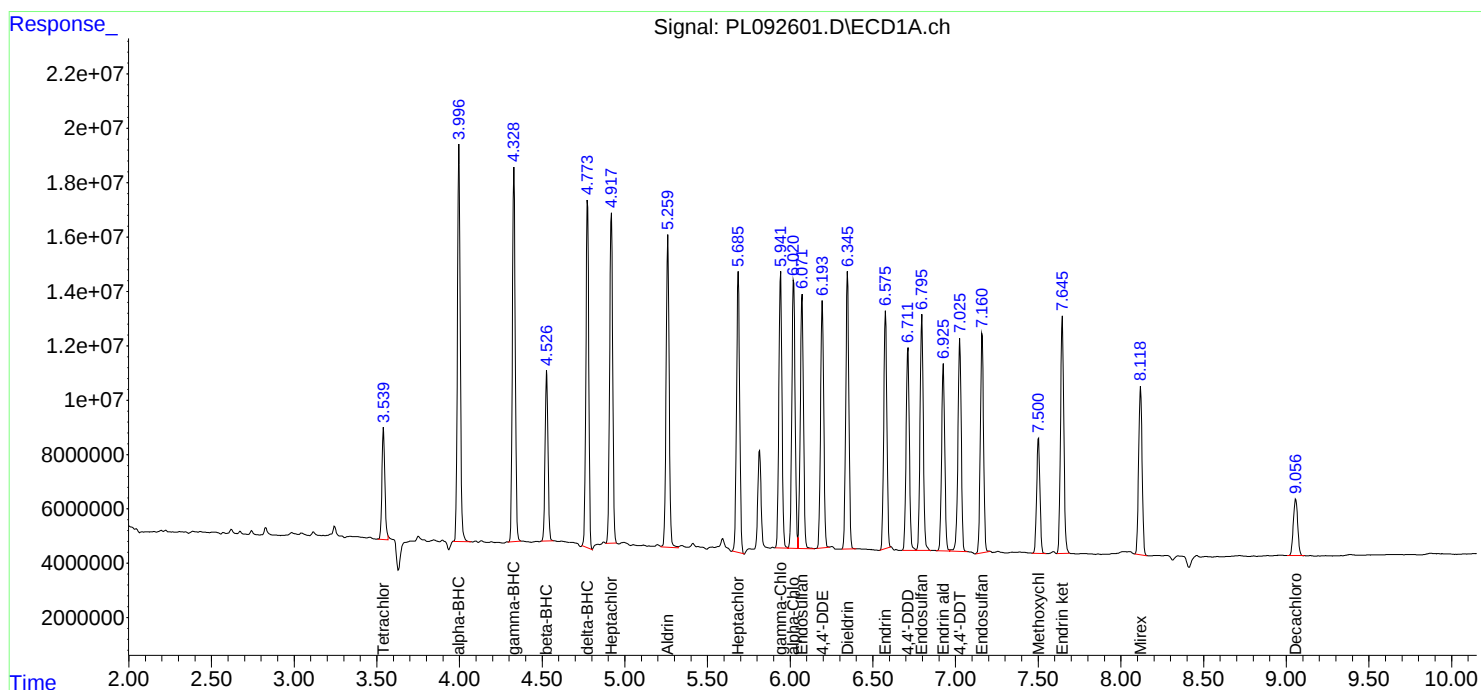
APPROVED

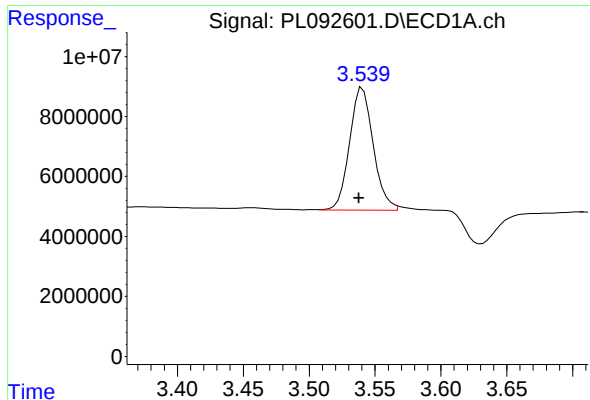
Reviewed By :Abdul Mirza 10/25/2024

Supervised By :Ankita Jodhani 10/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 02:12:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102124.M
Quant Title : GC Extractables
QLast Update : Mon Oct 21 17:09:23 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





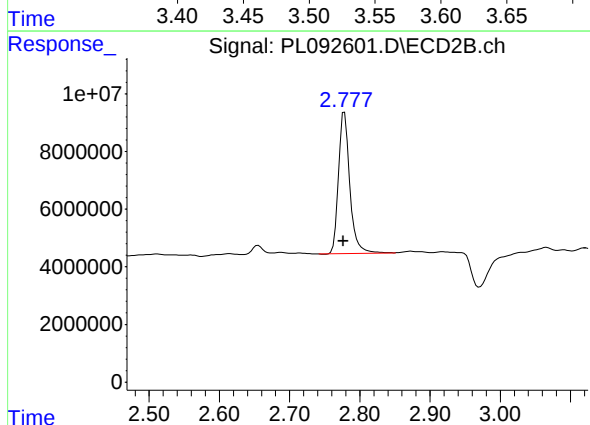
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.001 min
Response: 50999277
Conc: 18.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
BP-F27MSD

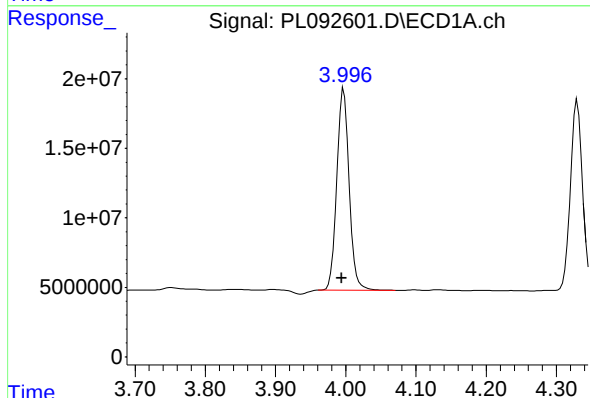
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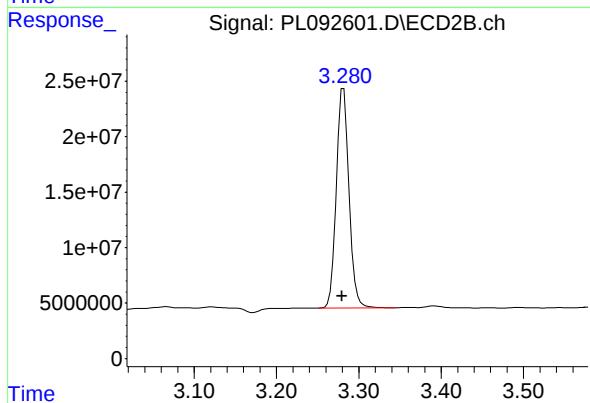
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.001 min
Response: 54854687
Conc: 19.75 ng/ml



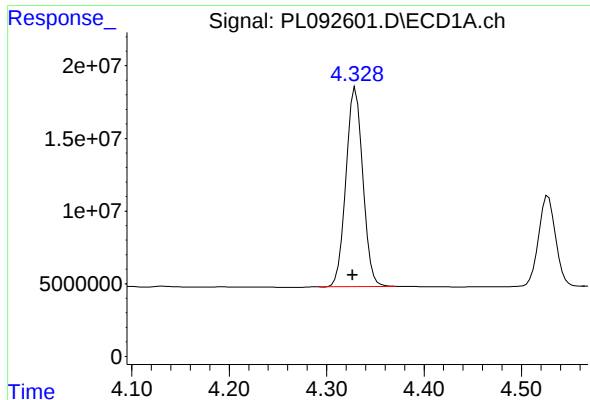
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.003 min
Response: 176426416
Conc: 42.81 ng/ml



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: 0.002 min
Response: 211669048
Conc: 49.05 ng/ml



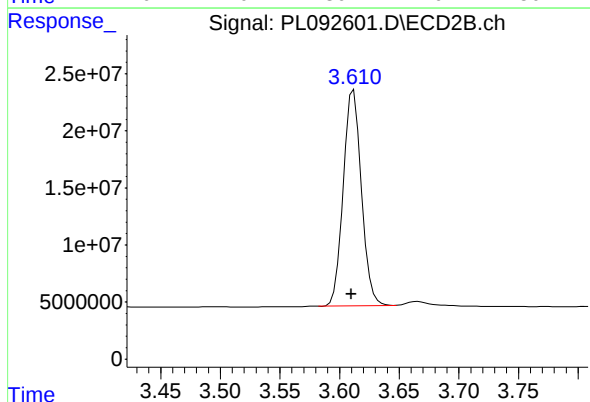
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.003 min
Response: 164686961
Conc: 42.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
BP-F27MSD

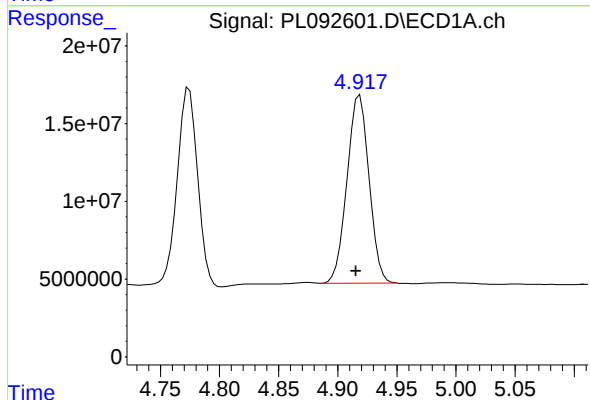
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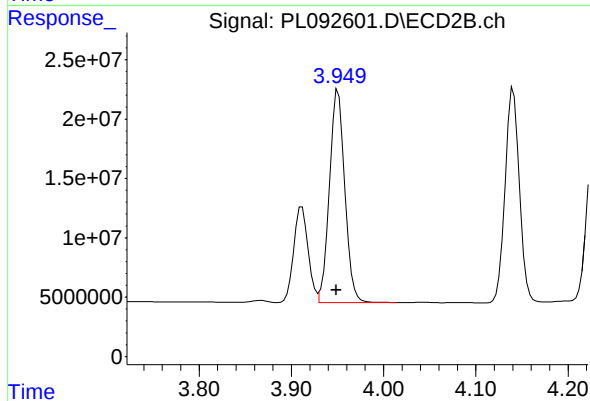
#3 gamma-BHC (Lindane)

R.T.: 3.612 min
Delta R.T.: 0.002 min
Response: 199896622
Conc: 48.54 ng/ml



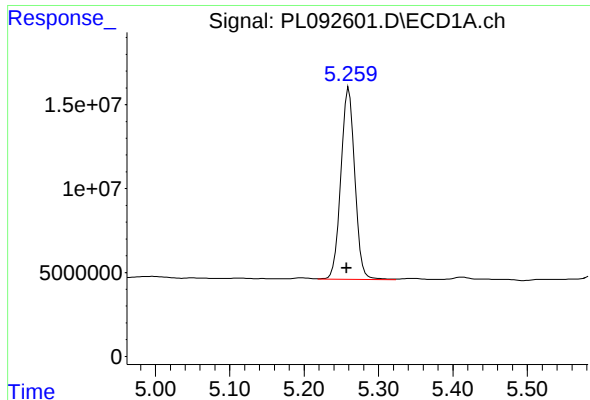
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: 0.003 min
Response: 156558268
Conc: 44.15 ng/ml



#4 Heptachlor

R.T.: 3.951 min
Delta R.T.: 0.002 min
Response: 207189000
Conc: 51.59 ng/ml



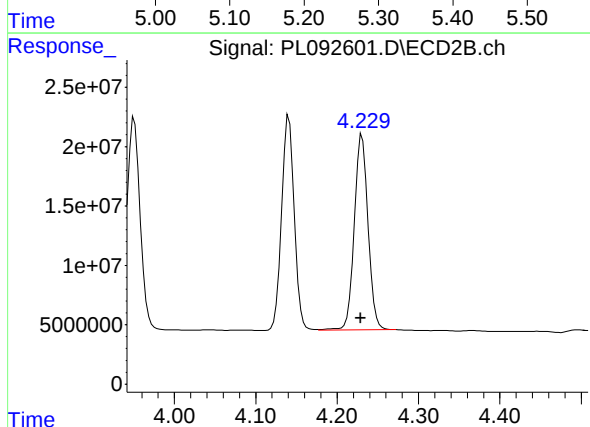
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: 0.003 min
Response: 148827077
Conc: 40.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
BP-F27MSD

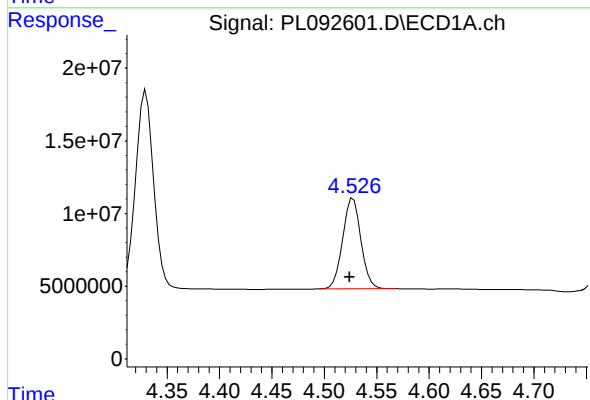
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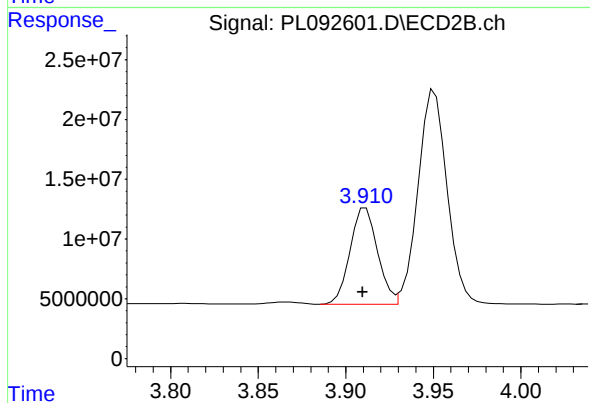
#5 Aldrin

R.T.: 4.231 min
Delta R.T.: 0.002 min
Response: 194339802
Conc: 48.88 ng/ml



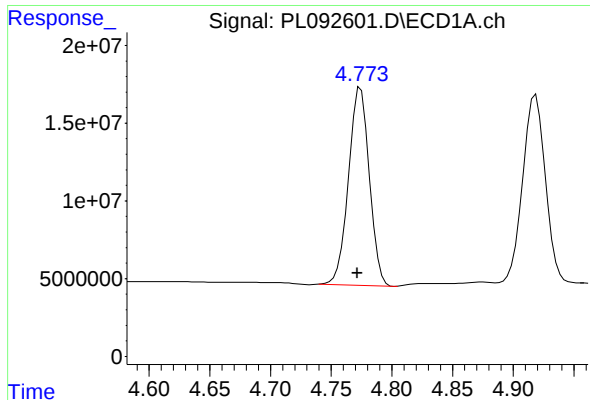
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.003 min
Response: 75659843
Conc: 48.74 ng/ml



#6 beta-BHC

R.T.: 3.911 min
Delta R.T.: 0.002 min
Response: 87987122
Conc: 50.39 ng/ml



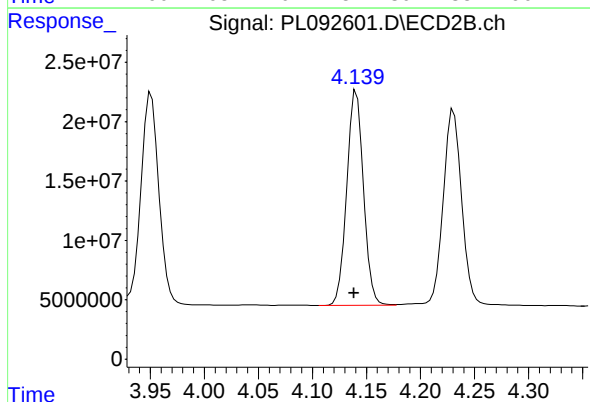
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: 0.003 min
Response: 152447048
Conc: 40.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
BP-F27MSD

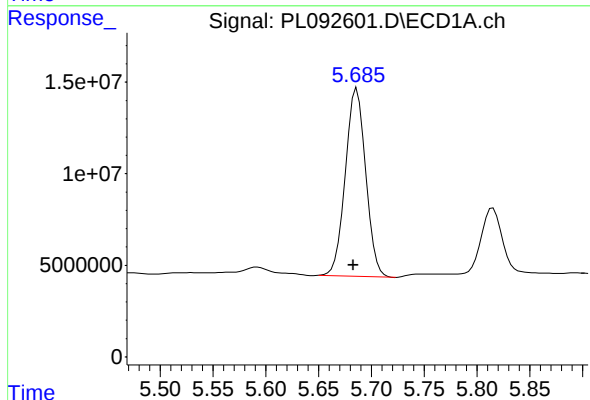
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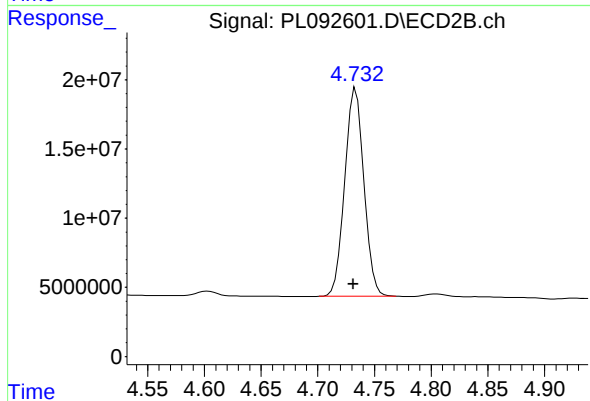
#7 delta-BHC

R.T.: 4.141 min
Delta R.T.: 0.002 min
Response: 194582540
Conc: 46.26 ng/ml



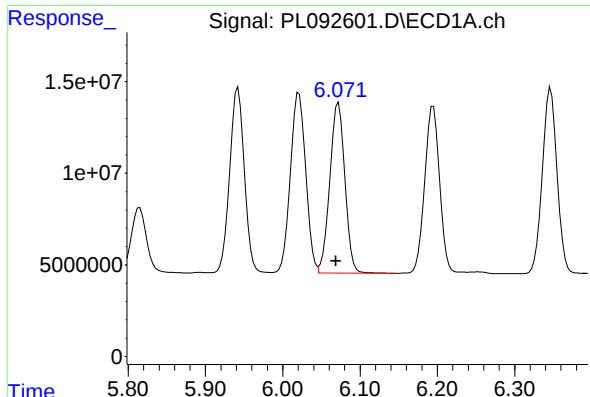
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: 0.003 min
Response: 137941681
Conc: 41.54 ng/ml



#8 Heptachlor epoxide

R.T.: 4.734 min
Delta R.T.: 0.002 min
Response: 176572813
Conc: 50.11 ng/ml



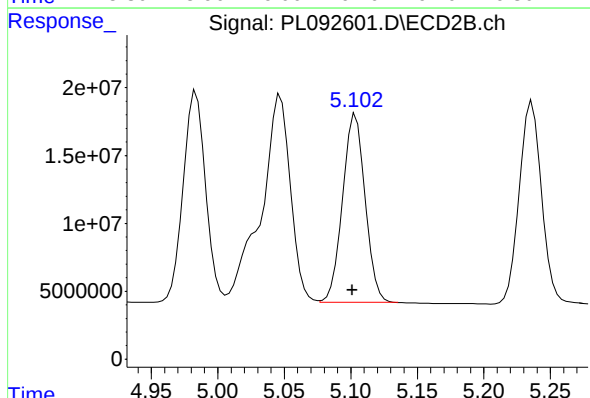
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.003 min
Response: 126852121
Conc: 42.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
BP-F27MSD

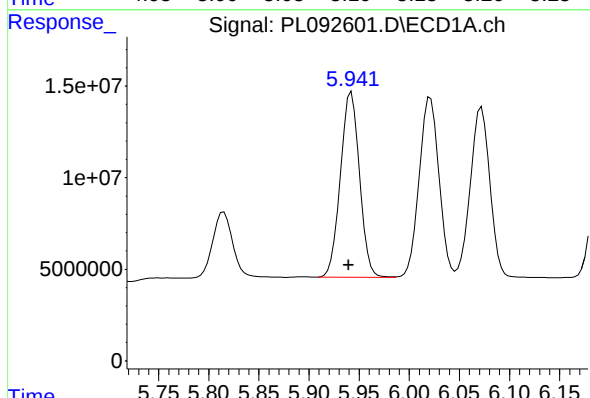
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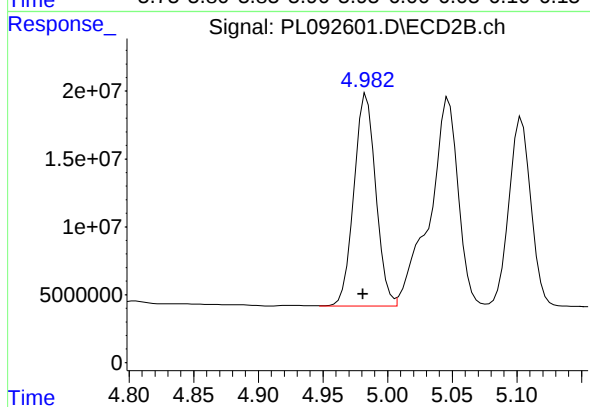
#9 Endosulfan I

R.T.: 5.104 min
Delta R.T.: 0.003 min
Response: 163939149
Conc: 51.50 ng/ml



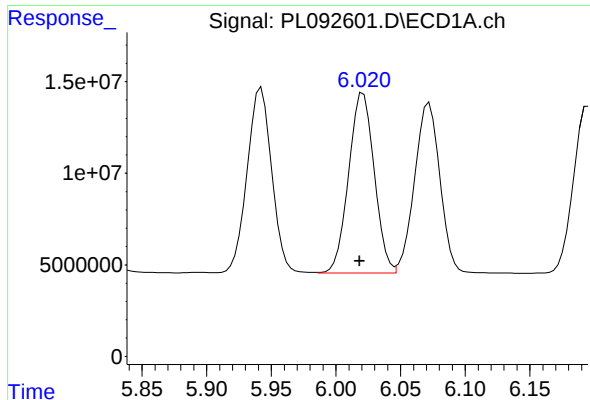
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.003 min
Response: 133975801
Conc: 40.64 ng/ml



#10 gamma-Chlordane

R.T.: 4.984 min
Delta R.T.: 0.003 min
Response: 183006825
Conc: 49.74 ng/ml



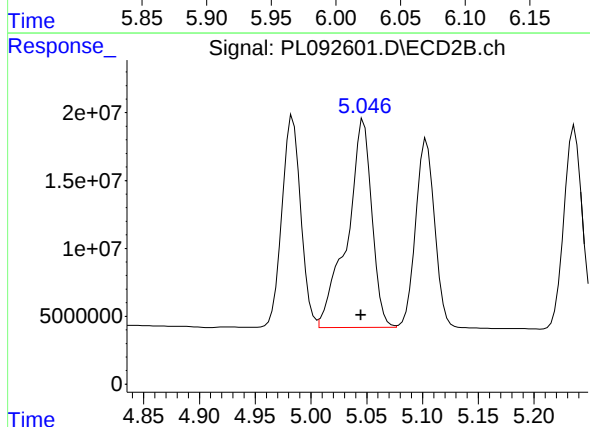
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.003 min
Response: 135170357
Conc: 41.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
BP-F27MSD

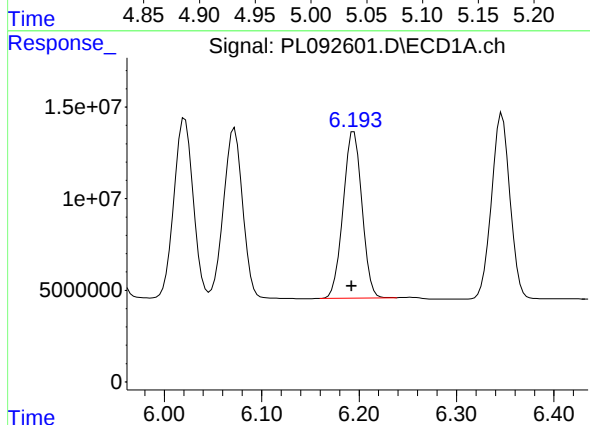
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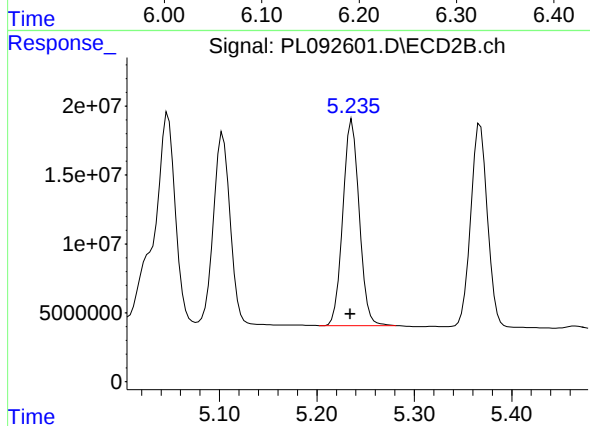
#11 alpha-Chlordane

R.T.: 5.047 min
Delta R.T.: 0.002 min
Response: 235666562
Conc: 66.31 ng/ml



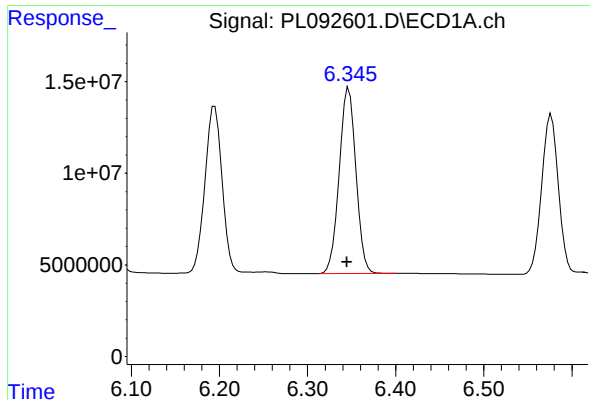
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.002 min
Response: 122051081
Conc: 41.15 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: 0.002 min
Response: 174630525
Conc: 50.22 ng/ml



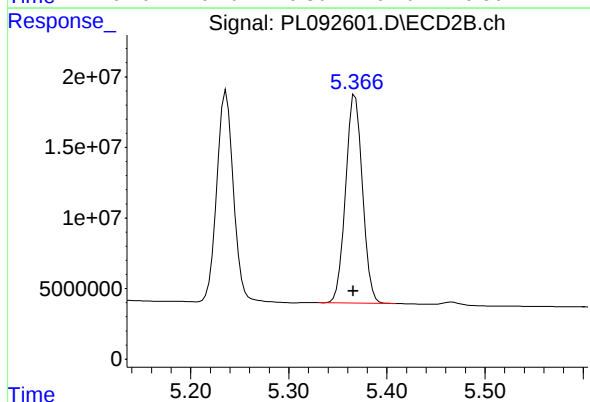
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.002 min
Response: 133803544
Conc: 41.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
BP-F27MSD

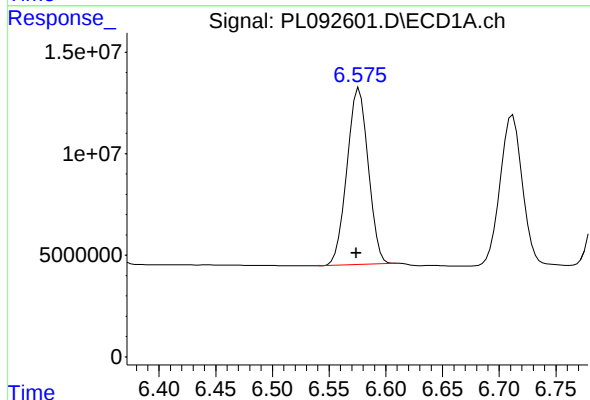
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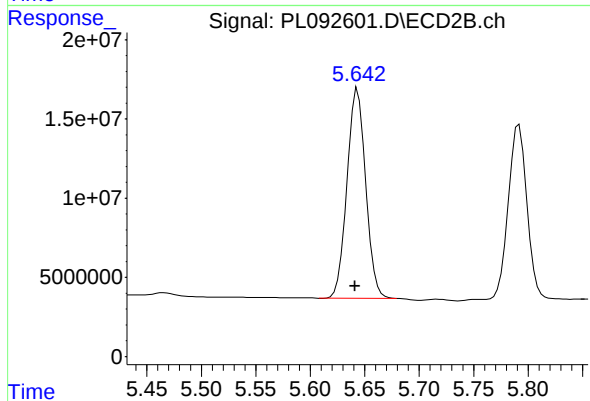
#13 Dieldrin

R.T.: 5.368 min
Delta R.T.: 0.002 min
Response: 176200290
Conc: 48.22 ng/ml



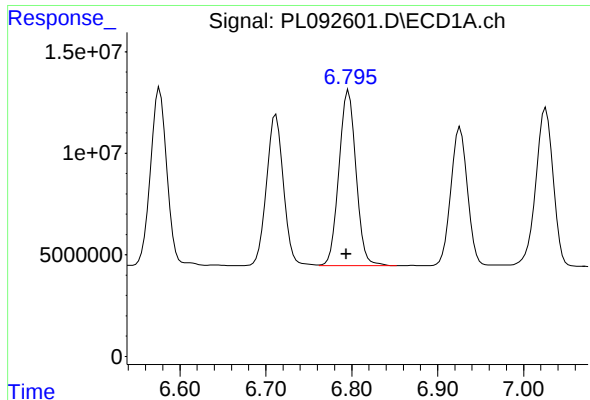
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.003 min
Response: 113442756
Conc: 40.17 ng/ml



#14 Endrin

R.T.: 5.644 min
Delta R.T.: 0.003 min
Response: 157920411
Conc: 48.22 ng/ml



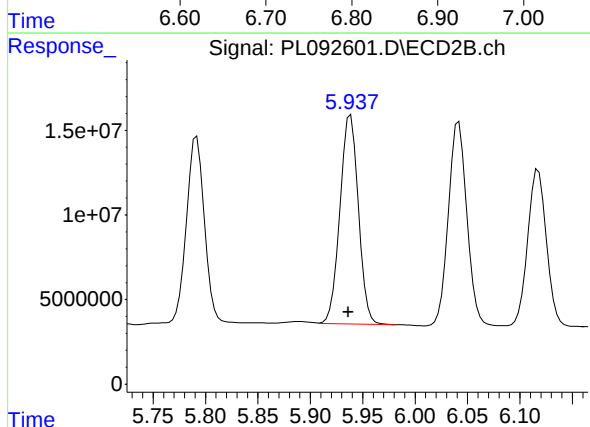
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.003 min
Response: 118624170
Conc: 41.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
BP-F27MSD

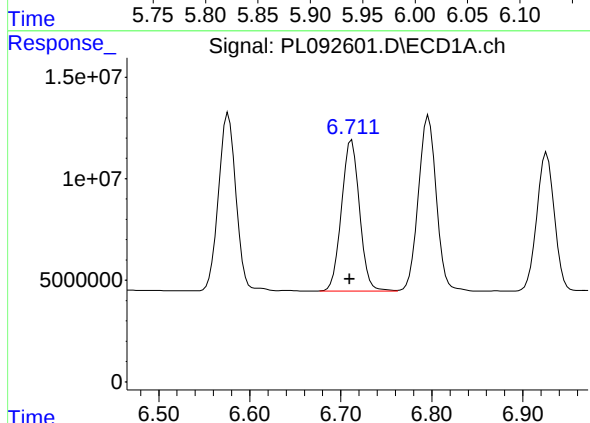
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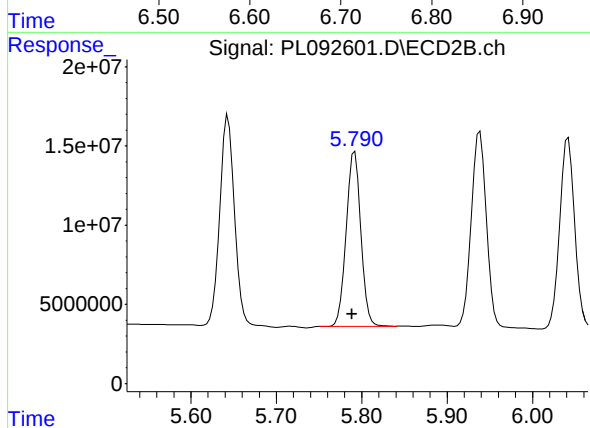
#15 Endosulfan II

R.T.: 5.938 min
Delta R.T.: 0.002 min
Response: 151226963
Conc: 48.37 ng/ml



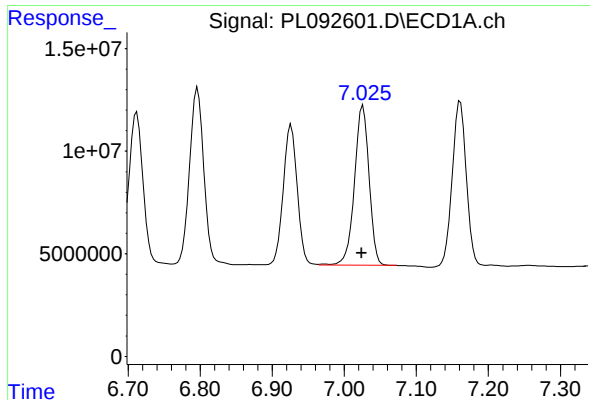
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.002 min
Response: 102537473
Conc: 42.44 ng/ml



#16 4,4'-DDD

R.T.: 5.792 min
Delta R.T.: 0.003 min
Response: 131901945
Conc: 47.48 ng/ml



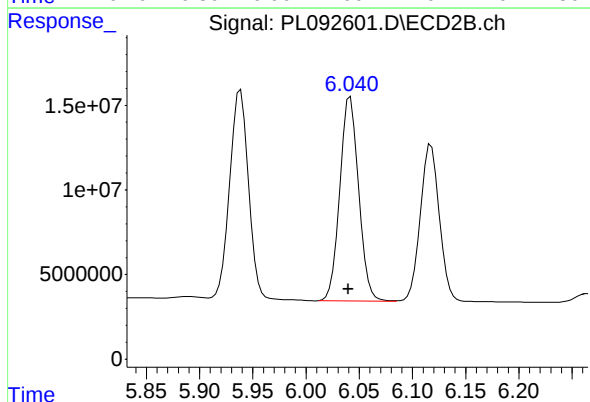
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.002 min
Response: 109797477
Conc: 44.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
BP-F27MSD

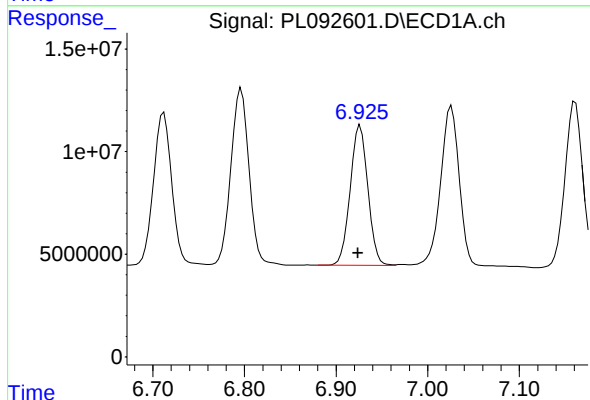
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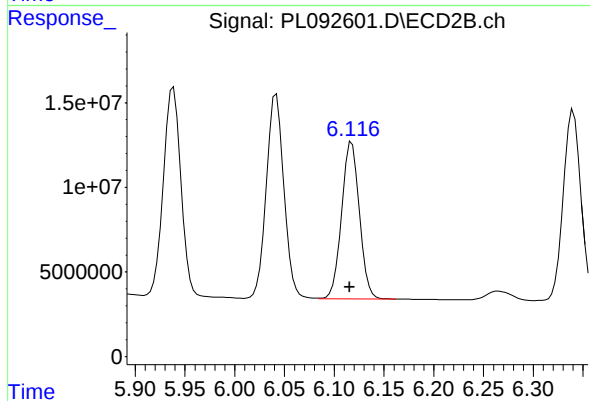
#17 4,4'-DDT

R.T.: 6.042 min
Delta R.T.: 0.002 min
Response: 148018138
Conc: 50.40 ng/ml



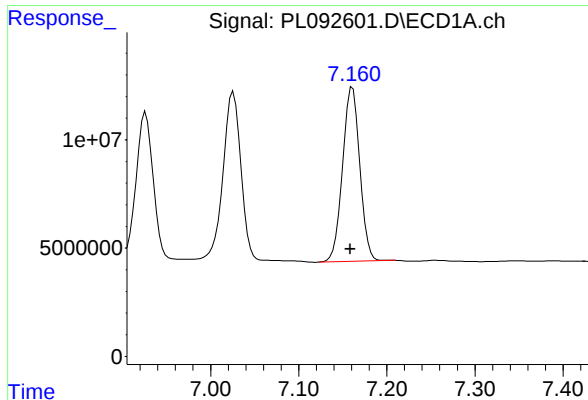
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.002 min
Response: 91779614
Conc: 42.97 ng/ml



#18 Endrin aldehyde

R.T.: 6.118 min
Delta R.T.: 0.002 min
Response: 115312206
Conc: 46.94 ng/ml



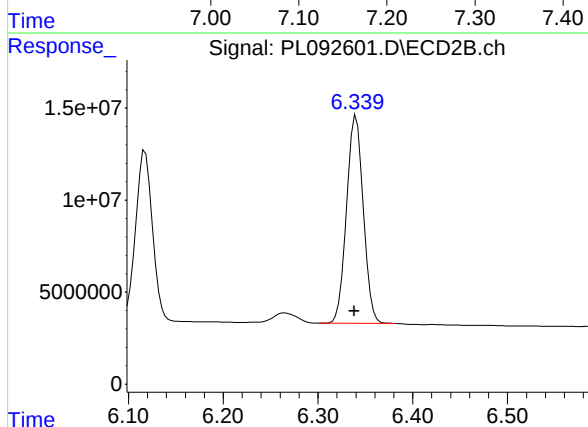
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: 0.002 min
Response: 109752901
Conc: 43.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
BP-F27MSD

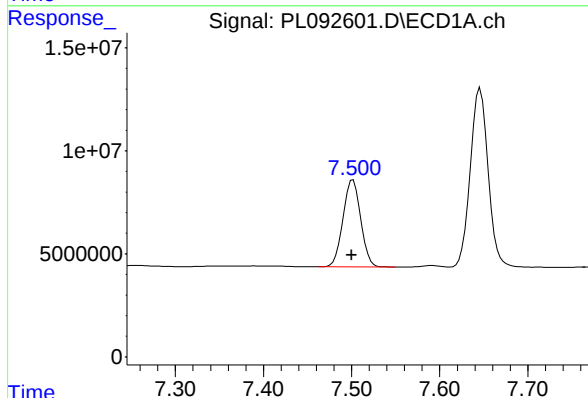
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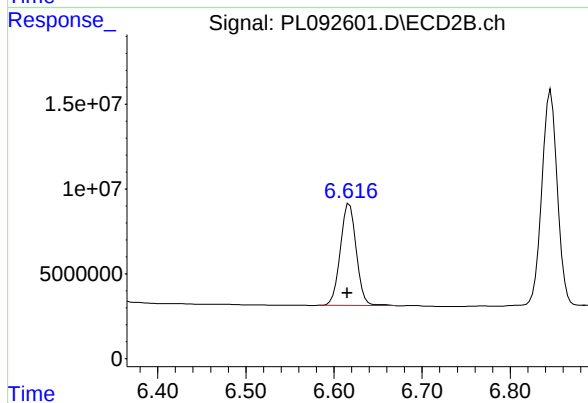
#19 Endosulfan Sulfate

R.T.: 6.340 min
Delta R.T.: 0.002 min
Response: 138862289
Conc: 46.97 ng/ml



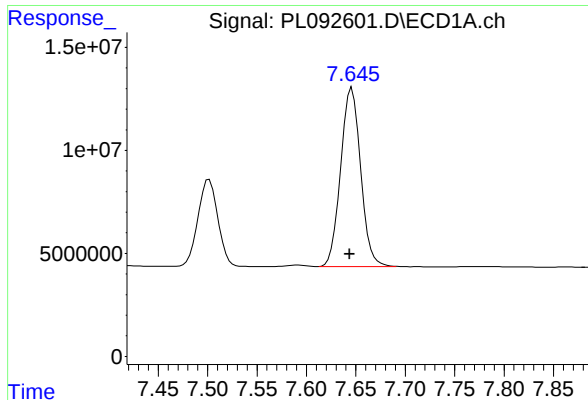
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.001 min
Response: 59129429
Conc: 50.21 ng/ml



#20 Methoxychlor

R.T.: 6.617 min
Delta R.T.: 0.003 min
Response: 75628290
Conc: 53.34 ng/ml



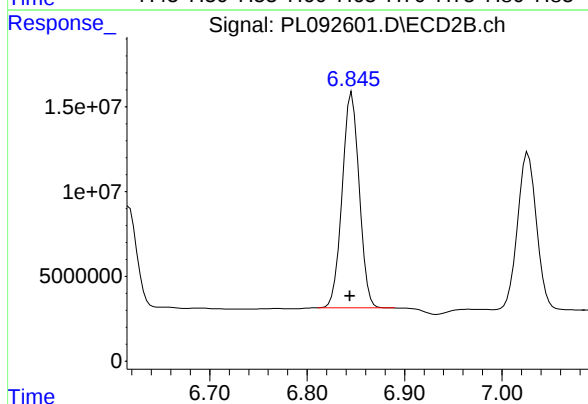
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.002 min
Response: 122090125
Conc: 44.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
BP-F27MSD

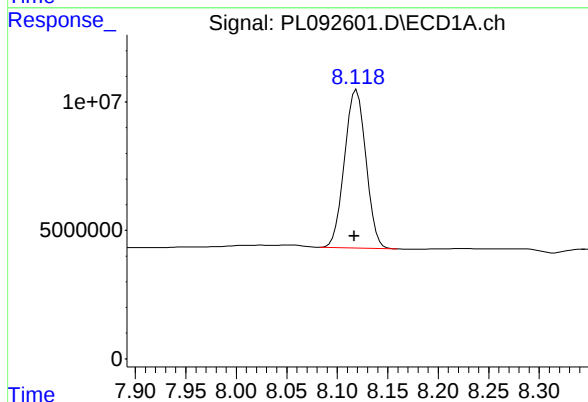
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/25/2024
Supervised By :Ankita Jodhani 10/28/2024



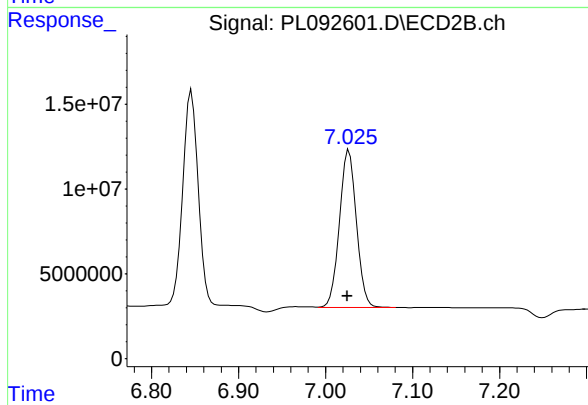
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: 0.002 min
Response: 154035683
Conc: 47.95 ng/ml



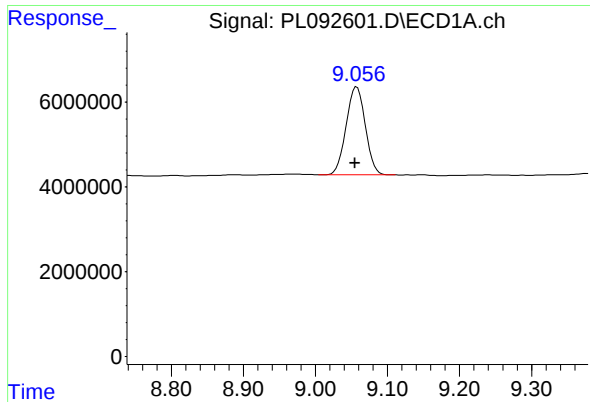
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.002 min
Response: 91321639
Conc: 43.77 ng/ml



#22 Mirex

R.T.: 7.027 min
Delta R.T.: 0.002 min
Response: 126268029
Conc: 48.31 ng/ml



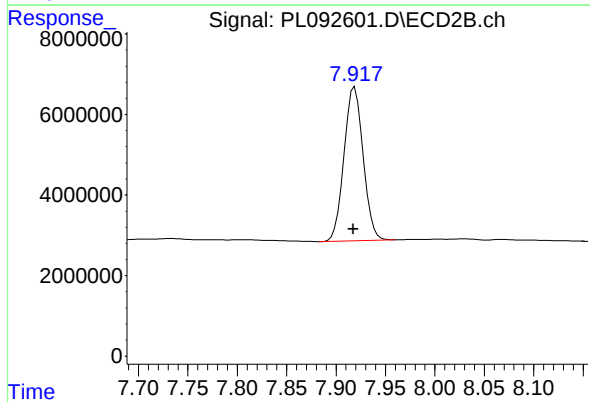
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: 0.002 min
Response: 38202910
Conc: 18.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
BP-F27MSD

Manual Integrations
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Reviewed By :Abdul Mirza 10/25/2024
Supervised By :Ankita Jodhani 10/28/2024



#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: 0.001 min
Response: 51405812
Conc: 19.51 ng/ml