

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102324\
 Data File : PL092553.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Oct 2024 09:38
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/24/2024
 Supervised By :Ankita Jodhani 10/24/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 01:18:54 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...	3.544	2.779	128.4E6	146.0E6	47.676	52.559
28)	SA Decachlor...	9.059	7.918	94472897	142.1E6	46.512	53.942
Target Compounds							
2)	A alpha-BHC	4.000	3.282	179.6E6	221.4E6	43.580	51.307
3)	MA gamma-BHC...	4.332	3.612	171.9E6	213.6E6	44.676	51.858
4)	MA Heptachlor	4.920	3.951	155.6E6	208.3E6	43.895m	51.881
5)	MB Aldrin	5.262	4.231	155.0E6	203.5E6	42.125	51.182
6)	B beta-BHC	4.530	3.912	73998859	87511920	47.670	50.123
7)	B delta-BHC	4.777	4.141	162.4E6	211.7E6	43.176	50.325
8)	B Heptachlo...	5.688	4.734	142.3E6	183.3E6	42.848	52.030
9)	A Endosulfan I	6.074	5.104	127.8E6	166.8E6	42.318	52.390
10)	B gamma-Chl...	5.944	4.984	136.0E6	183.8E6	41.259	49.951
11)	B alpha-Chl...	6.023	5.047	135.7E6	181.8E6	41.670	51.155
12)	B 4,4'-DDE	6.197	5.236	120.2E6	174.1E6	40.528	50.070
13)	MA Dieldrin	6.349	5.368	135.1E6	182.8E6	41.546	50.011
14)	MA Endrin	6.578	5.643	114.9E6	161.5E6	40.707	49.321
15)	B Endosulfa...	6.798	5.938	119.3E6	153.9E6	42.148	49.217
16)	A 4,4'-DDD	6.714	5.791	98562195	133.6E6	40.796	48.089
17)	MA 4,4'-DDT	7.028	6.042	103.3E6	143.3E6	41.888	48.804
18)	B Endrin al...	6.929	6.117	94854369	122.4E6	44.406	49.844
19)	B Endosulfa...	7.162	6.340	108.9E6	144.1E6	43.087	48.745
20)	A Methoxychlor	7.503	6.617	55488791	74291493	47.116	52.397
21)	B Endrin ke...	7.647	6.846	122.6E6	163.7E6	44.597	50.954
22)	Mirex	8.120	7.026	97986307	138.5E6	46.959	52.989

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102324\
Data File : PL092553.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2024 09:38
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

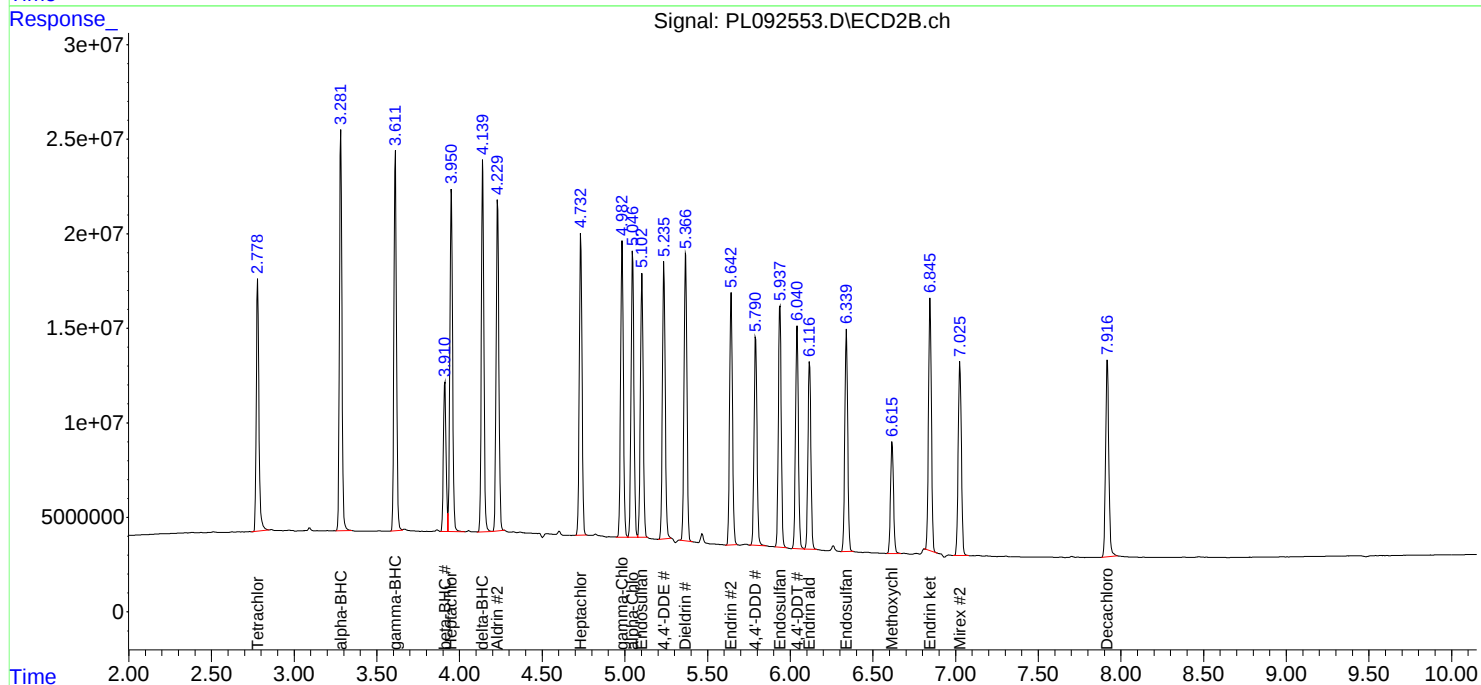
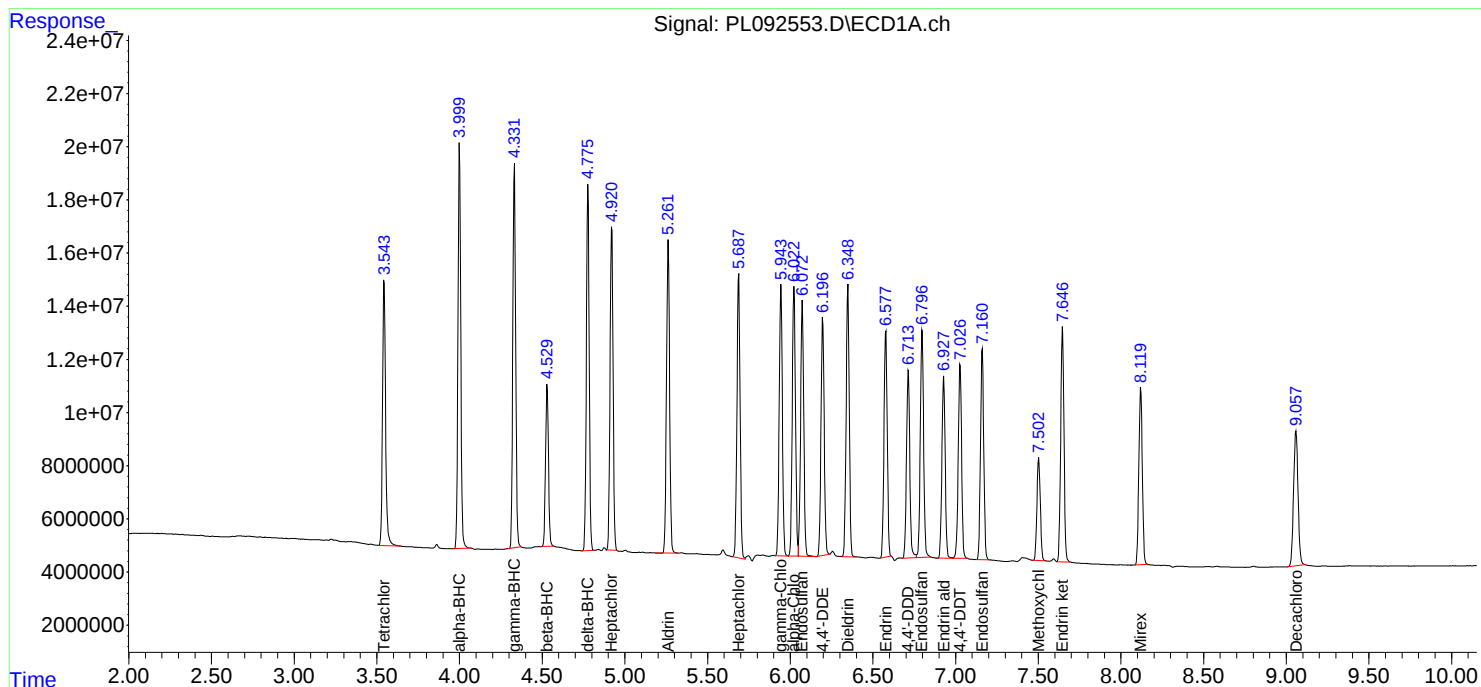
APPROVED

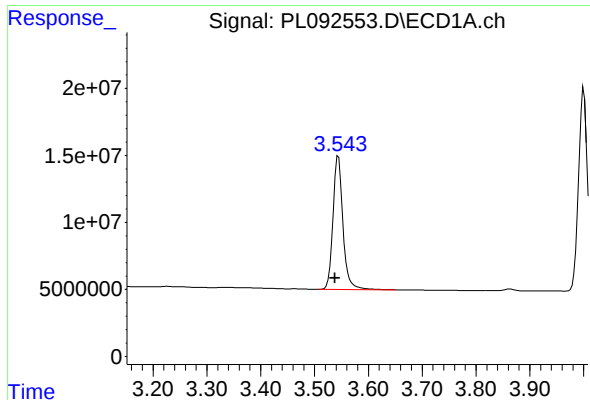
Reviewed By :Abdul Mirza 10/24/2024

Supervised By :Ankita Jodhani 10/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 01:18:54 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.: 3.544 min
Delta R.T.: 0.006 min
Response: 128431218
Conc: 47.68 ng/ml

Instrument :

ECD_L

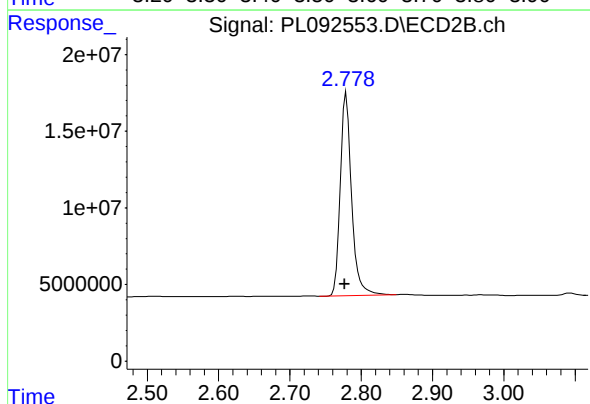
ClientSampleId :

PSTDCCC050

Manual Integrations

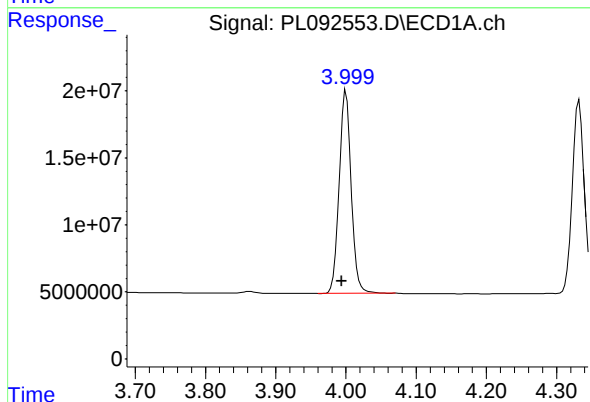
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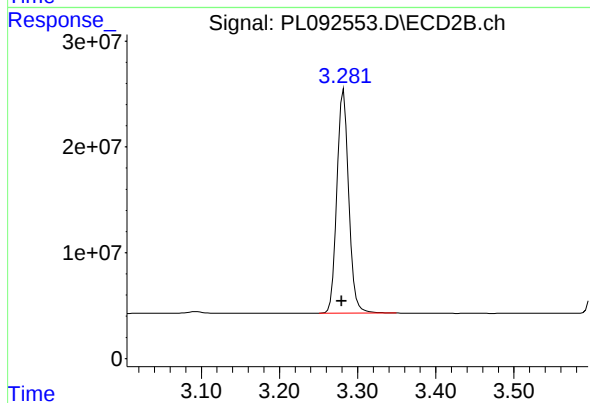
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: 0.002 min
Response: 145980696
Conc: 52.56 ng/ml



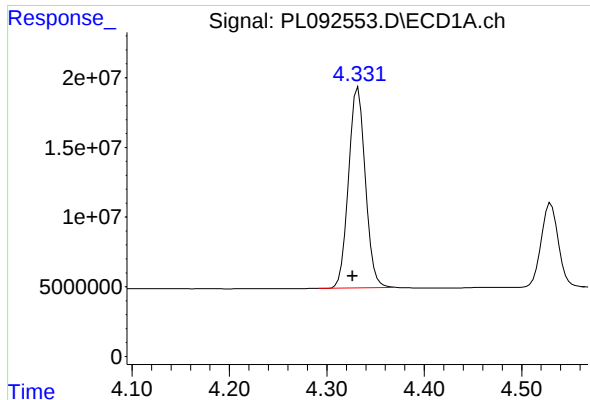
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.006 min
Response: 179604411
Conc: 43.58 ng/ml



#2 alpha-BHC

R.T.: 3.282 min
Delta R.T.: 0.002 min
Response: 221393428
Conc: 51.31 ng/ml



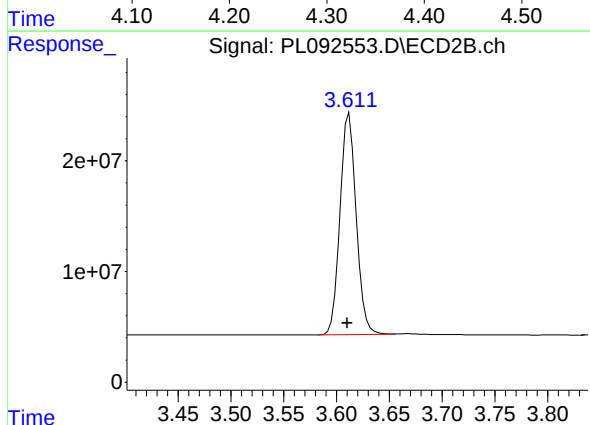
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.005 min
Response: 171857616
Conc: 44.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

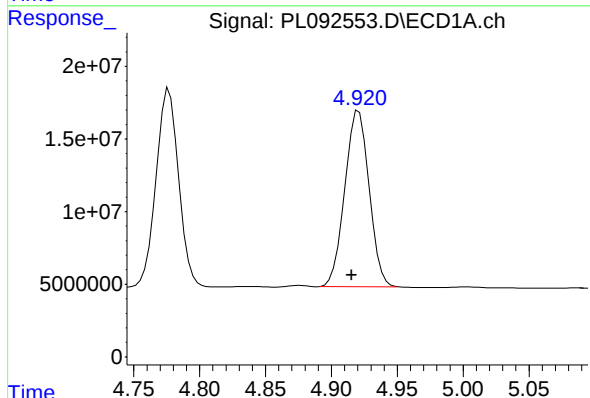
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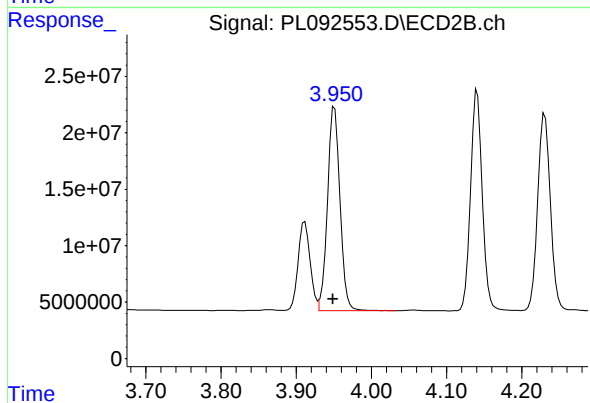
#3 gamma-BHC (Lindane)

R.T.: 3.612 min
Delta R.T.: 0.002 min
Response: 213553598
Conc: 51.86 ng/ml



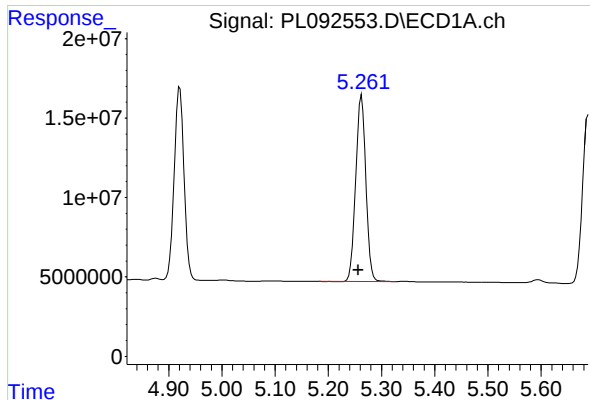
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.004 min
Response: 155640076
Conc: 43.90 ng/ml m



#4 Heptachlor

R.T.: 3.951 min
Delta R.T.: 0.002 min
Response: 208341418
Conc: 51.88 ng/ml



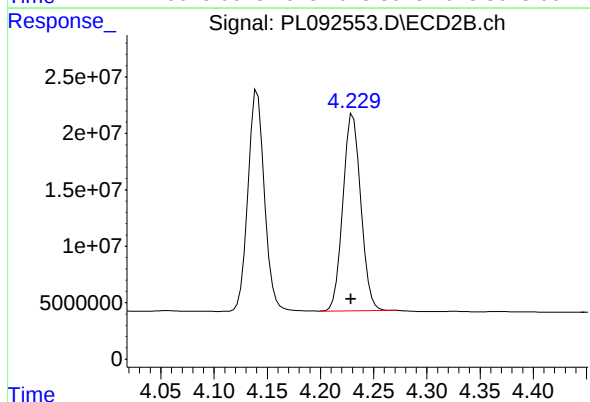
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: 0.006 min
Response: 154962562
Conc: 42.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

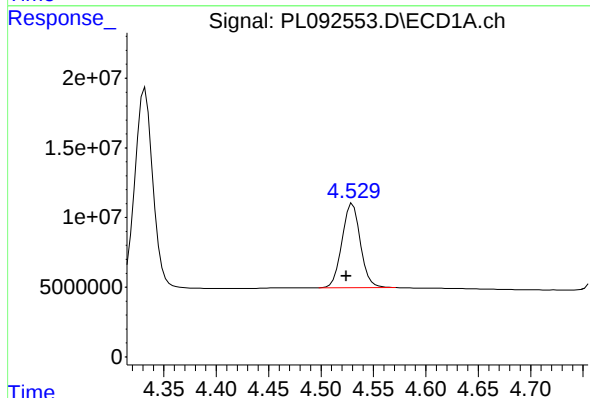
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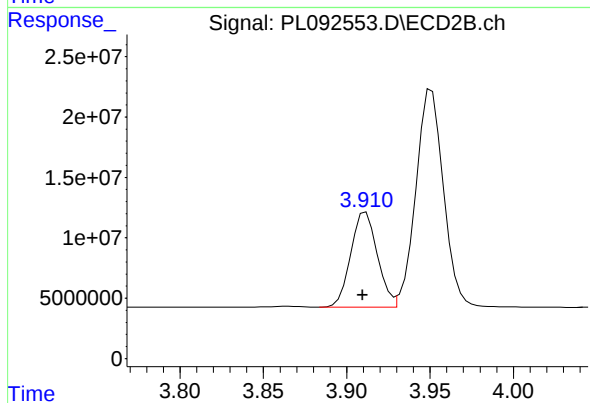
#5 Aldrin

R.T.: 4.231 min
Delta R.T.: 0.002 min
Response: 203473403
Conc: 51.18 ng/ml



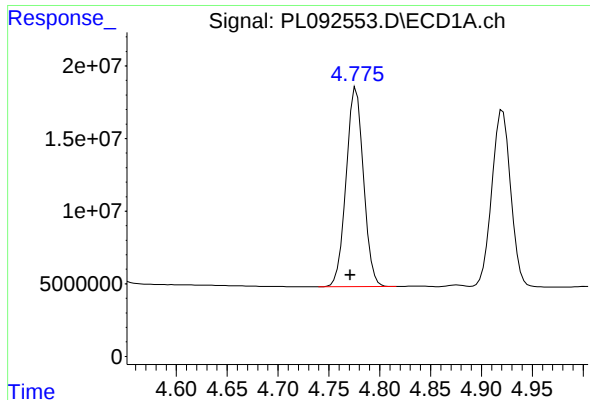
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.006 min
Response: 73998859
Conc: 47.67 ng/ml



#6 beta-BHC

R.T.: 3.912 min
Delta R.T.: 0.002 min
Response: 87511920
Conc: 50.12 ng/ml



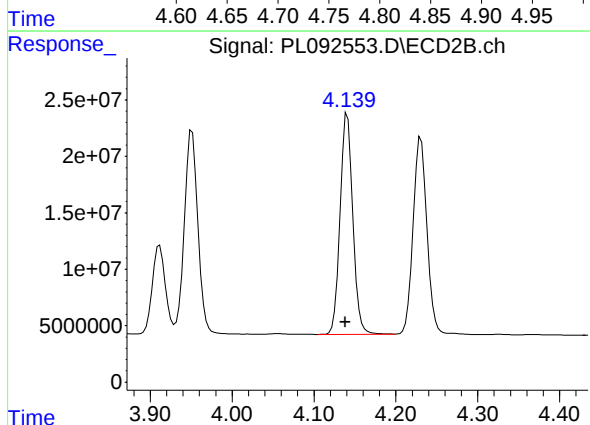
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: 0.005 min
Response: 162430201
Conc: 43.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

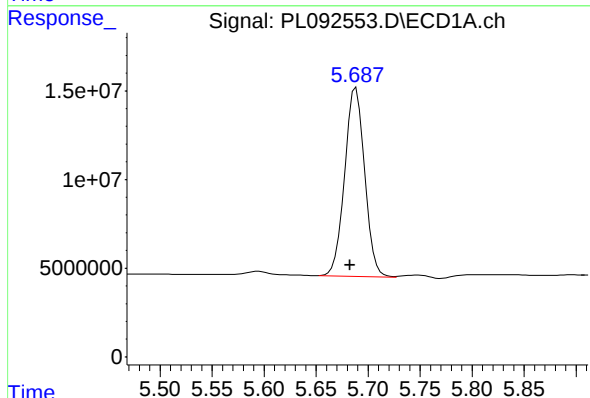
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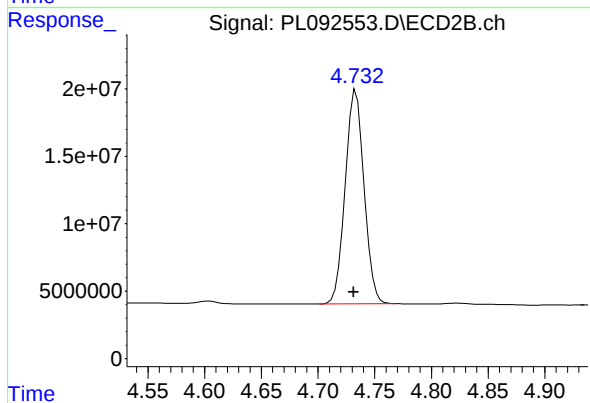
#7 delta-BHC

R.T.: 4.141 min
Delta R.T.: 0.002 min
Response: 211678509
Conc: 50.32 ng/ml



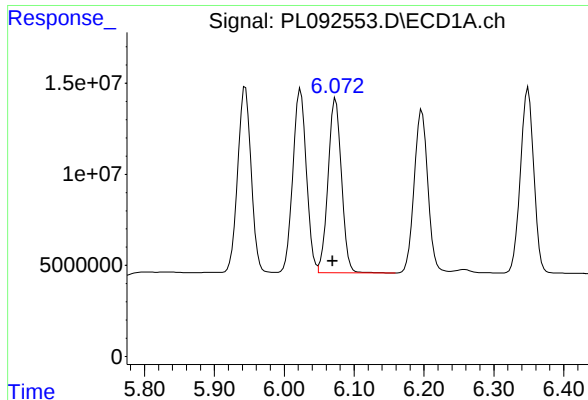
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.006 min
Response: 142286680
Conc: 42.85 ng/ml



#8 Heptachlor epoxide

R.T.: 4.734 min
Delta R.T.: 0.002 min
Response: 183328769
Conc: 52.03 ng/ml



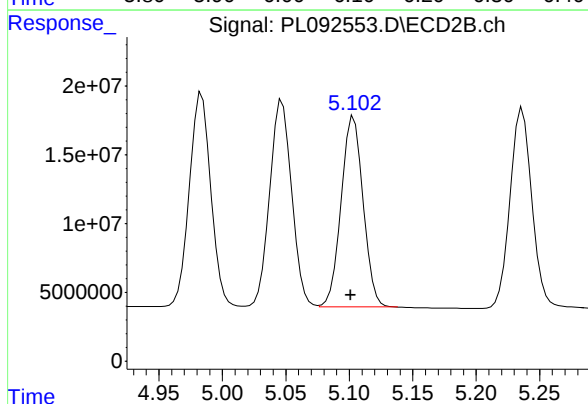
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.005 min
Response: 127774301
Conc: 42.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

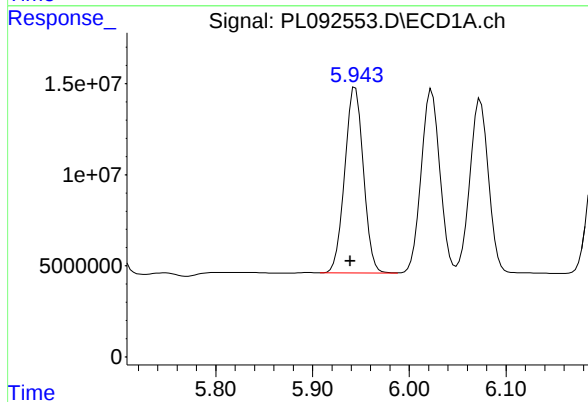
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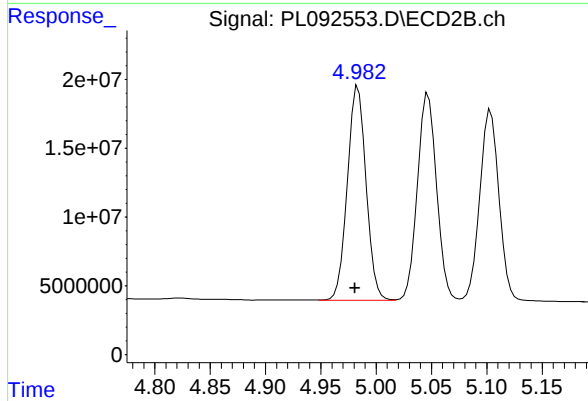
#9 Endosulfan I

R.T.: 5.104 min
Delta R.T.: 0.003 min
Response: 166759467
Conc: 52.39 ng/ml



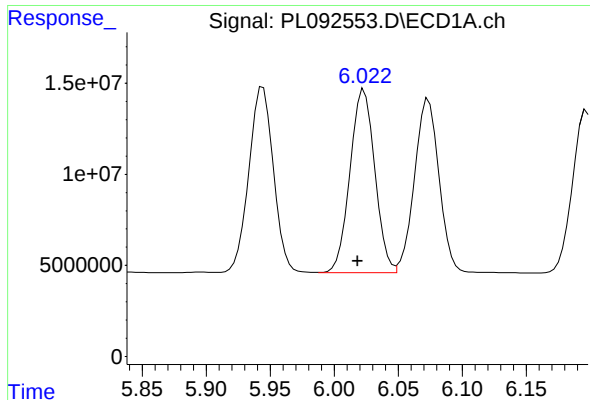
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.005 min
Response: 136028932
Conc: 41.26 ng/ml



#10 gamma-Chlordane

R.T.: 4.984 min
Delta R.T.: 0.003 min
Response: 183781490
Conc: 49.95 ng/ml



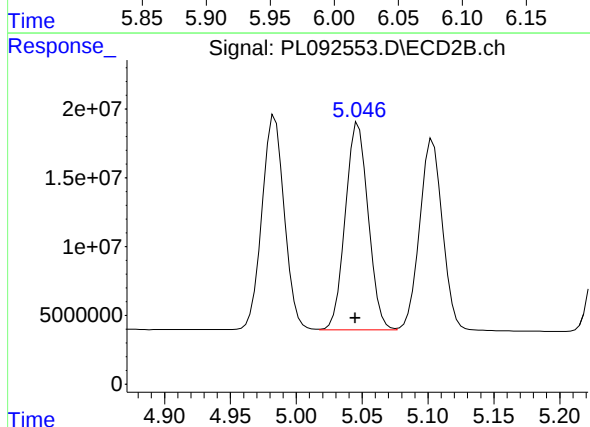
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: 0.005 min
Response: 135693362
Conc: 41.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

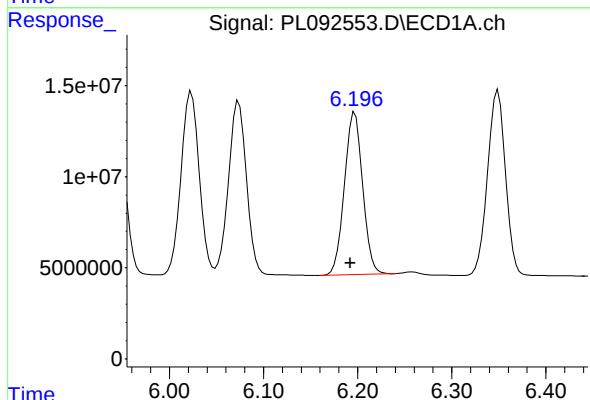
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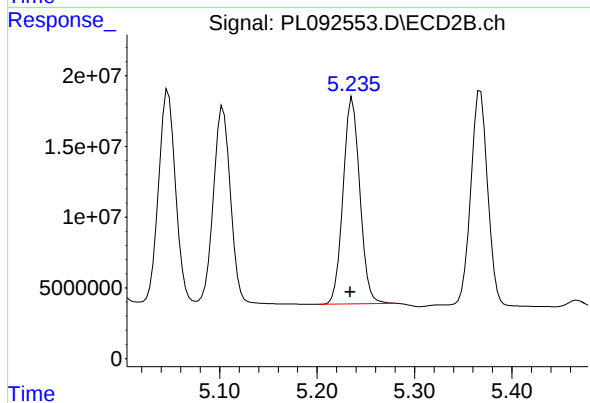
#11 alpha-Chlordane

R.T.: 5.047 min
Delta R.T.: 0.002 min
Response: 181806519
Conc: 51.15 ng/ml



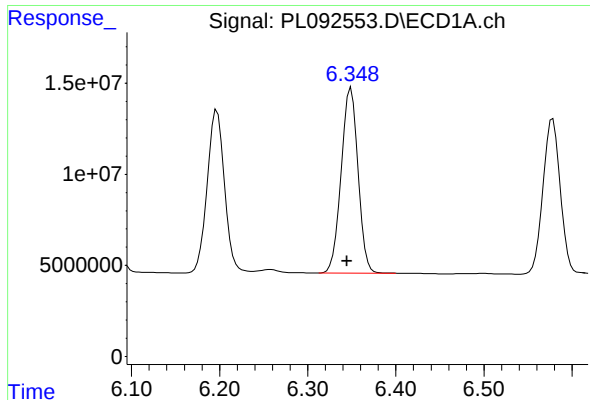
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.005 min
Response: 120203800
Conc: 40.53 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: 0.002 min
Response: 174109290
Conc: 50.07 ng/ml



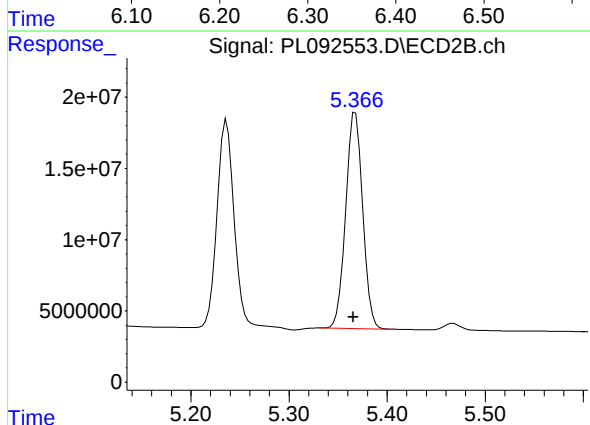
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.005 min
Response: 135102296
Conc: 41.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

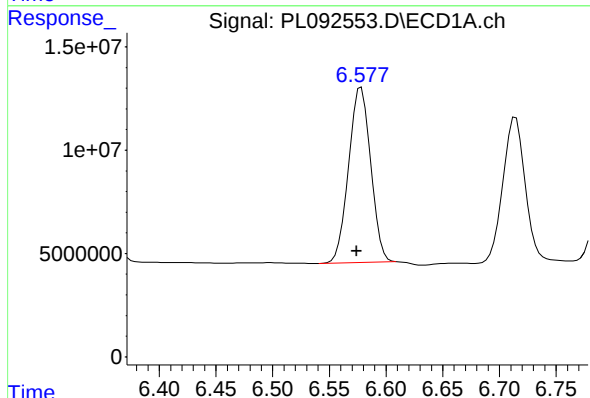
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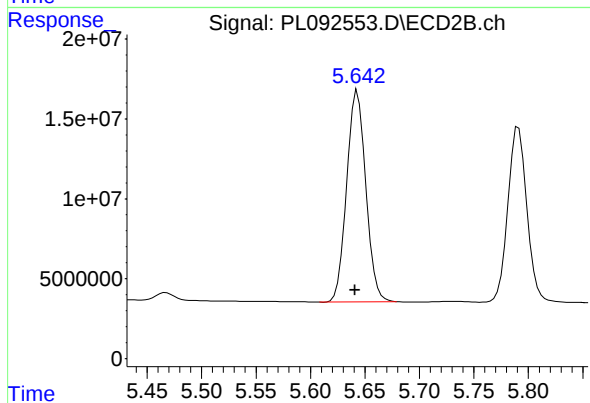
#13 Dieldrin

R.T.: 5.368 min
Delta R.T.: 0.002 min
Response: 182758885
Conc: 50.01 ng/ml



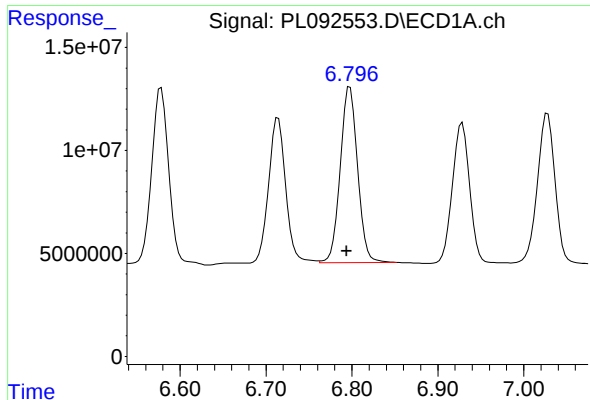
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.004 min
Response: 114947038
Conc: 40.71 ng/ml



#14 Endrin

R.T.: 5.643 min
Delta R.T.: 0.002 min
Response: 161520986
Conc: 49.32 ng/ml



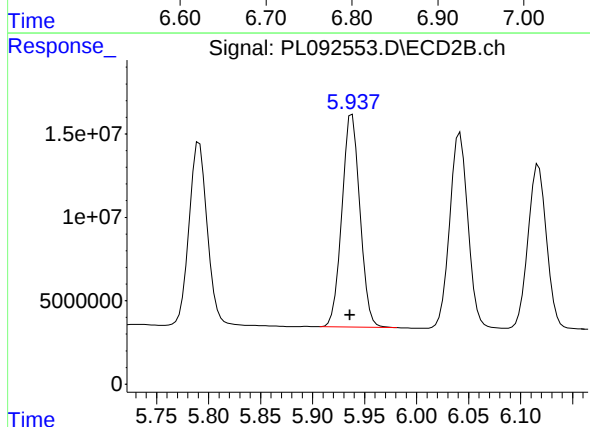
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: 0.004 min
Response: 119268676
Conc: 42.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

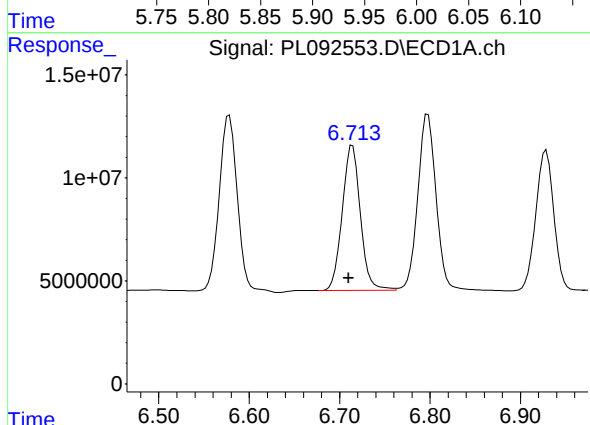
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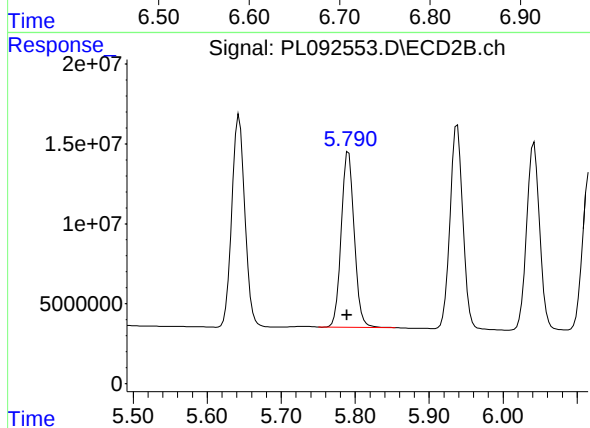
#15 Endosulfan II

R.T.: 5.938 min
Delta R.T.: 0.002 min
Response: 153863284
Conc: 49.22 ng/ml



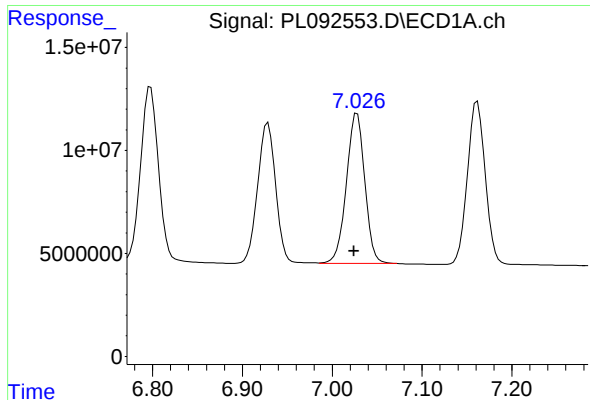
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.004 min
Response: 98562195
Conc: 40.80 ng/ml



#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: 0.002 min
Response: 133602902
Conc: 48.09 ng/ml



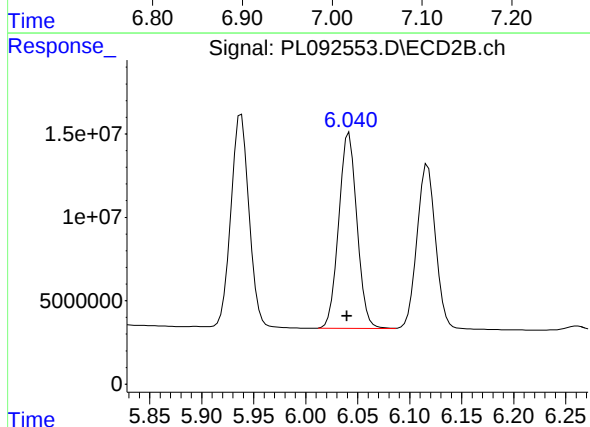
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.004 min
Response: 103298878
Conc: 41.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

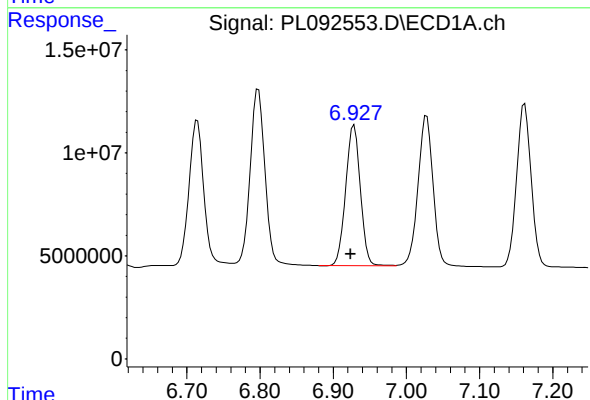
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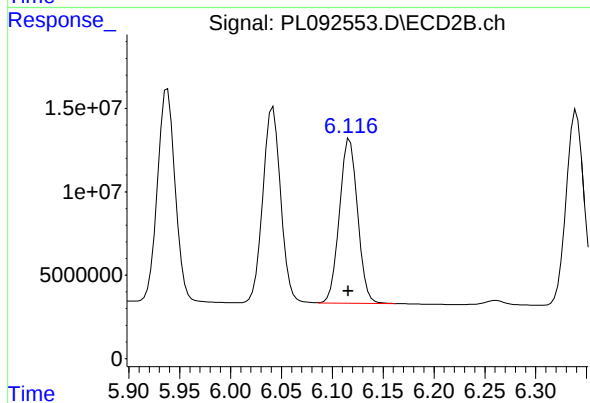
#17 4,4'-DDT

R.T.: 6.042 min
Delta R.T.: 0.002 min
Response: 143334413
Conc: 48.80 ng/ml



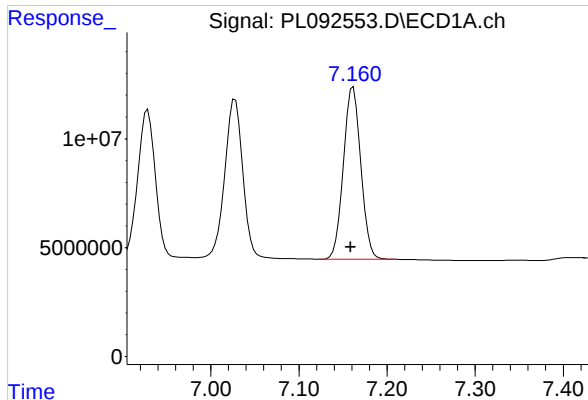
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.005 min
Response: 94854369
Conc: 44.41 ng/ml



#18 Endrin aldehyde

R.T.: 6.117 min
Delta R.T.: 0.002 min
Response: 122445303
Conc: 49.84 ng/ml



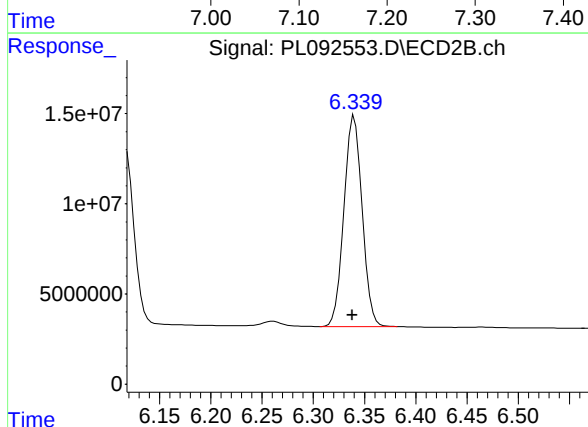
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.003 min
Response: 108865146
Conc: 43.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

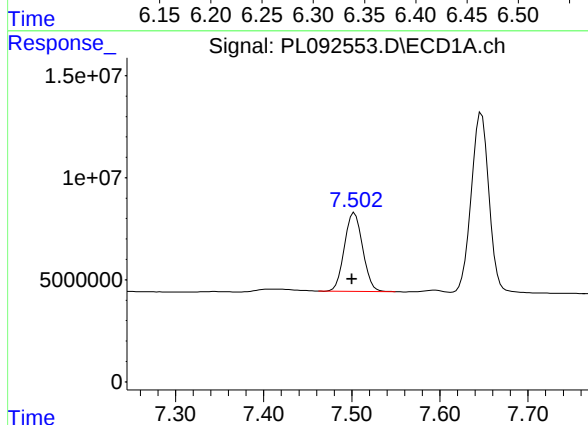
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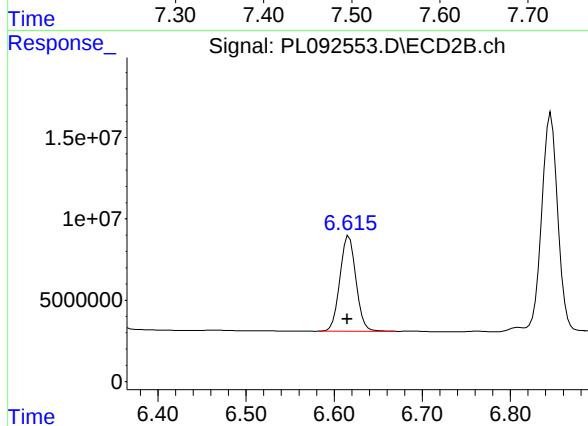
#19 Endosulfan Sulfate

R.T.: 6.340 min
Delta R.T.: 0.002 min
Response: 144104551
Conc: 48.75 ng/ml



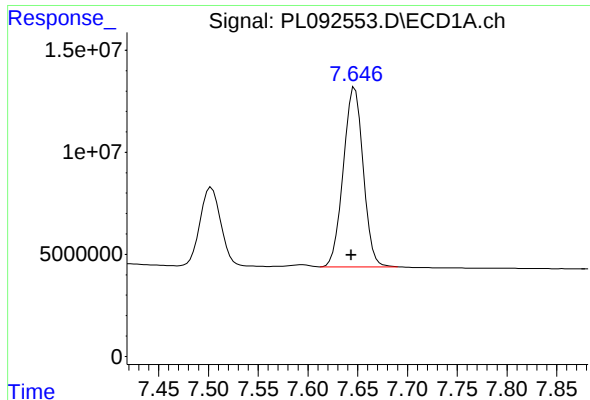
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.003 min
Response: 55488791
Conc: 47.12 ng/ml



#20 Methoxychlor

R.T.: 6.617 min
Delta R.T.: 0.002 min
Response: 74291493
Conc: 52.40 ng/ml



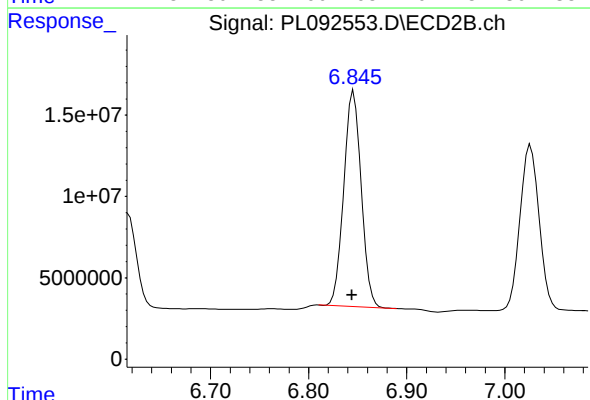
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.003 min
Response: 122634332
Conc: 44.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

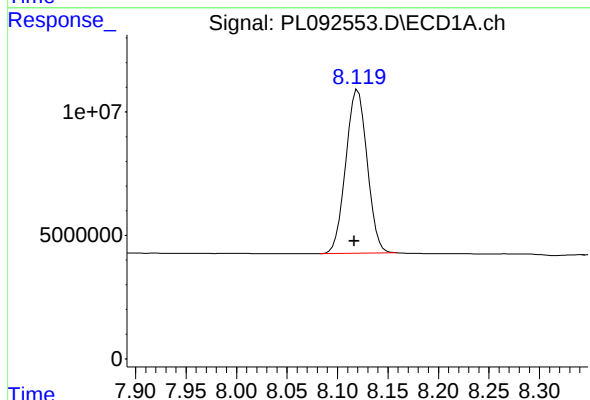
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/24/2024
Supervised By :Ankita Jodhani 10/24/2024



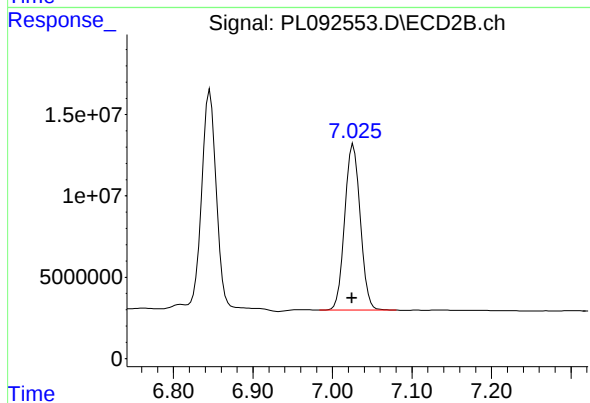
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: 0.002 min
Response: 163670885
Conc: 50.95 ng/ml



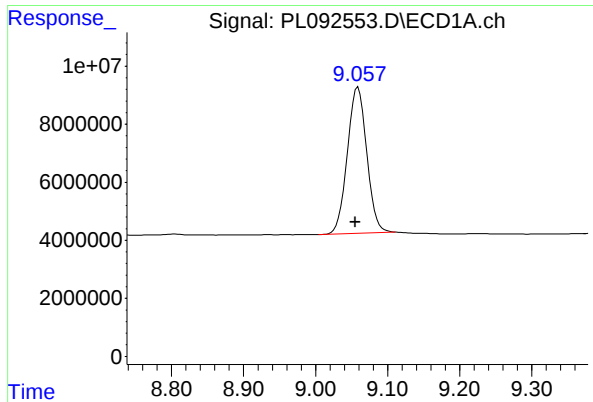
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.003 min
Response: 97986307
Conc: 46.96 ng/ml



#22 Mirex

R.T.: 7.026 min
Delta R.T.: 0.002 min
Response: 138486358
Conc: 52.99 ng/ml



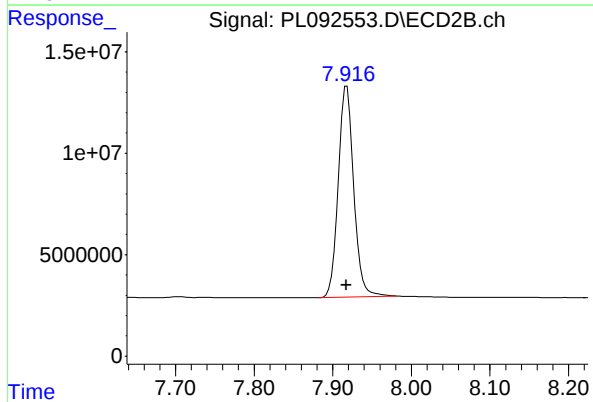
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.004 min
Response: 94472897
Conc: 46.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.918 min
Delta R.T.: 0.000 min
Response: 142136161
Conc: 53.94 ng/ml