

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110824\
 Data File : PL092925.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 14:04
 Operator : AR\AJ
 Sample : PB164788BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB164788BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/11/2024
 Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 22:13:18 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...	3.543	2.779	48182898	50813636	19.665	18.673
28)	SA Decachlor...	9.062	7.920	39655051	56186893	20.605	20.587
Target Compounds							
2)	A alpha-BHC	3.999	3.281	171.1E6	212.9E6	50.446	53.359
3)	MA gamma-BHC...	4.332	3.611	162.2E6	204.2E6	49.748	52.899
4)	MA Heptachlor	4.920	3.951	154.2E6	208.3E6	51.357	55.200
5)	MB Aldrin	5.262	4.231	147.2E6	195.8E6	49.051	53.484
6)	B beta-BHC	4.530	3.911	74738025	89584011	51.705	54.417
7)	B delta-BHC	4.777	4.140	141.7E6	181.5E6	45.259	47.215
8)	B Heptachlo...	5.688	4.734	137.7E6	184.1E6	49.882	55.091
9)	A Endosulfan I	6.074	5.103	127.9E6	171.4E6	51.141	56.141
10)	B gamma-Chl...	5.945	4.984	137.6E6	190.8E6	51.716	56.761
11)	B alpha-Chl...	6.024	5.047	136.5E6	188.1E6	51.529	56.551
12)	B 4,4'-DDE	6.197	5.236	124.0E6	184.2E6	52.331	57.168
13)	MA Dieldrin	6.350	5.368	135.0E6	189.2E6	51.221	56.629
14)	MA Endrin	6.578	5.643	111.2E6	163.1E6	48.863m	56.369
15)	B Endosulfa...	6.799	5.938	119.6E6	165.2E6	50.166	58.311
16)	A 4,4'-DDD	6.715	5.792	103.9E6	149.0E6	54.135	59.834
17)	MA 4,4'-DDT	7.029	6.042	108.3E6	152.7E6	52.313	56.937
18)	B Endrin al...	6.930	6.118	94974930	127.9E6	50.573	55.439
19)	B Endosulfa...	7.164	6.340	108.7E6	151.8E6	50.065	56.284
20)	A Methoxychlor	7.505	6.617	57171276	77598432	50.150	54.340
21)	B Endrin ke...	7.649	6.847	123.7E6	176.2E6	51.076	57.427
22)	Mirex	8.122	7.027	87252676	123.8E6	44.029	47.440

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110824\
Data File : PL092925.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 14:04
Operator : AR\AJ
Sample : PB164788BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

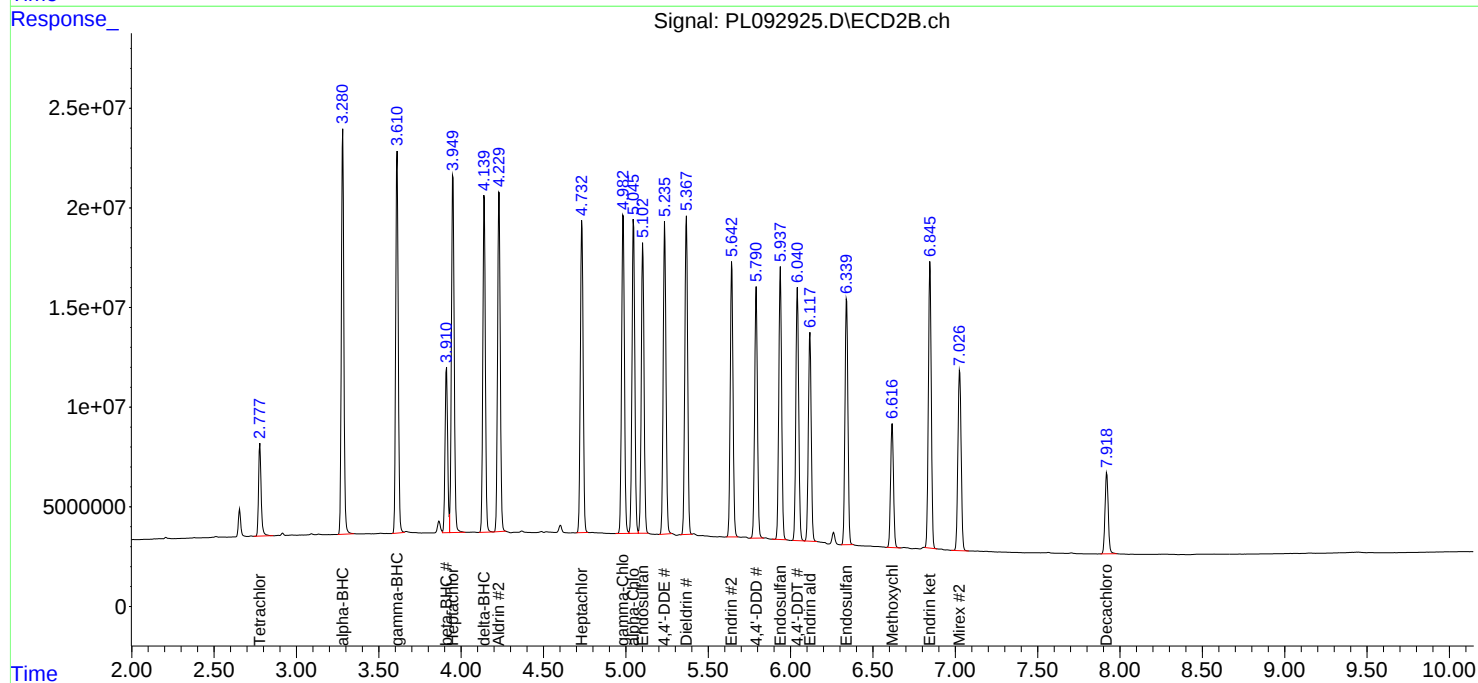
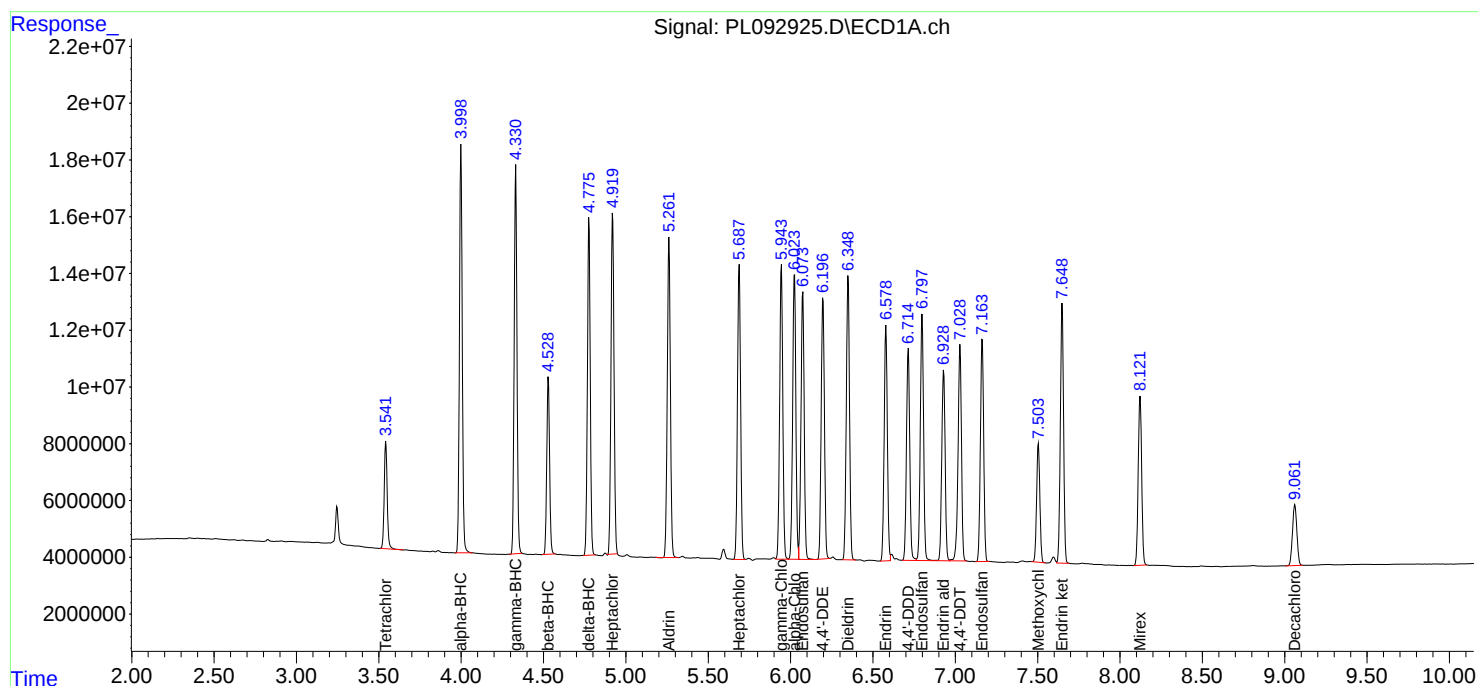
Instrument :
ECD_L
ClientSampleId :
PB164788BS

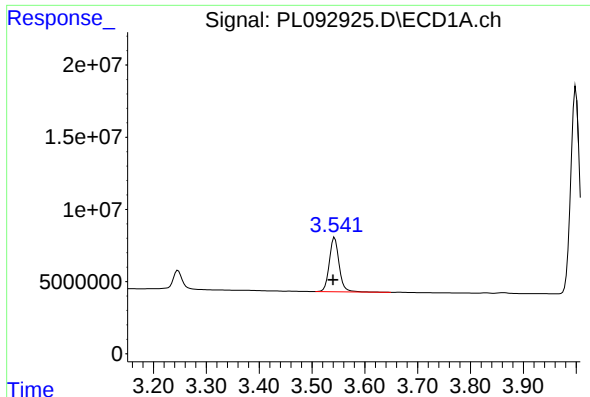
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Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 22:13:18 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





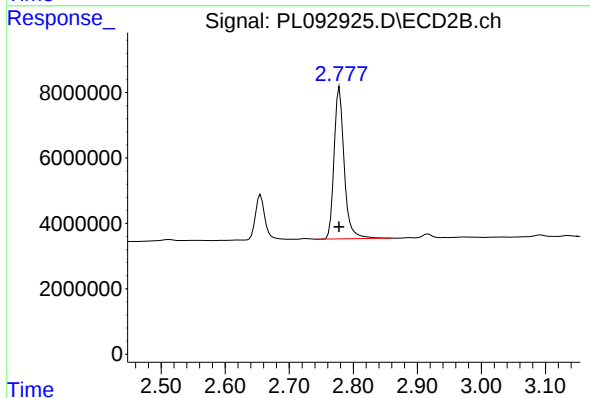
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.003 min
Response: 48182898
Conc: 19.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164788BS

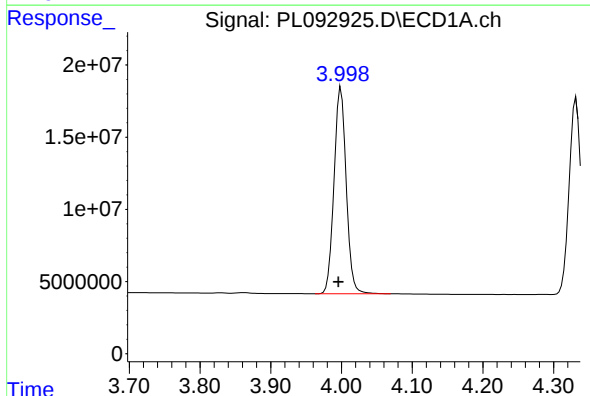
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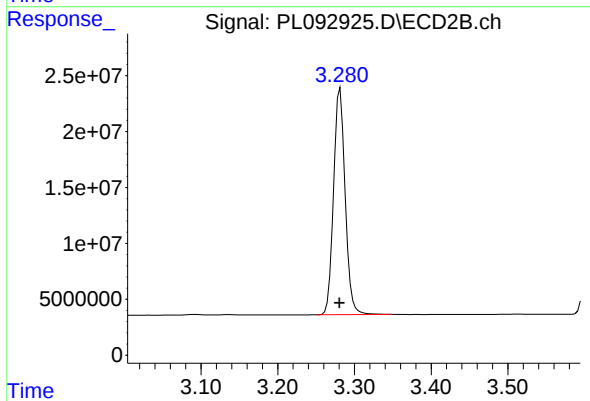
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: 0.000 min
Response: 50813636
Conc: 18.67 ng/ml



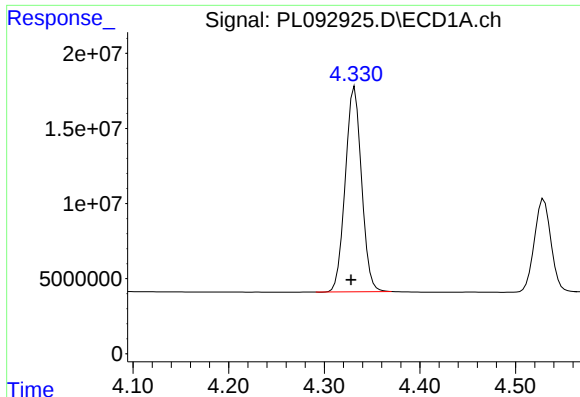
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.004 min
Response: 171092083
Conc: 50.45 ng/ml



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: 0.000 min
Response: 212910310
Conc: 53.36 ng/ml



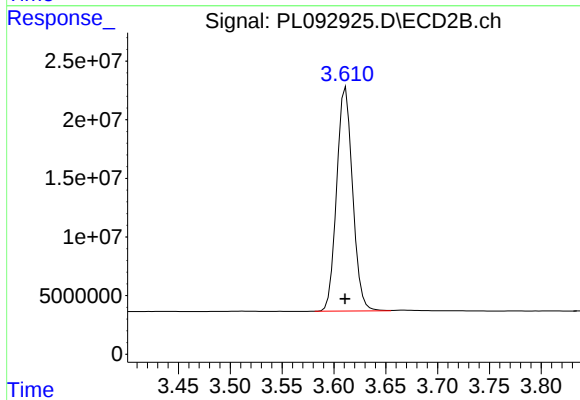
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.004 min
Response: 162156707
Conc: 49.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164788BS

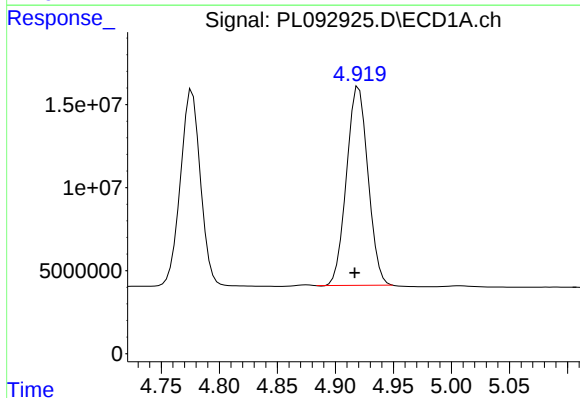
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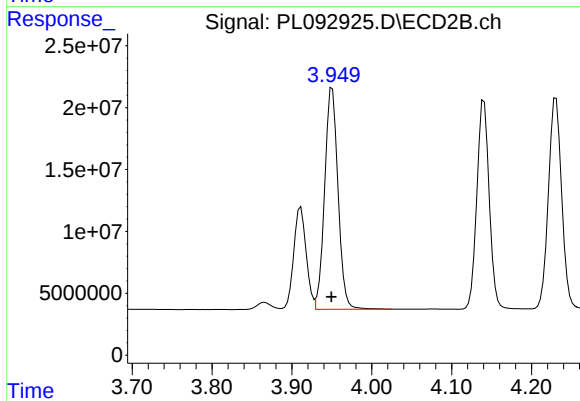
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: 0.000 min
Response: 204162441
Conc: 52.90 ng/ml



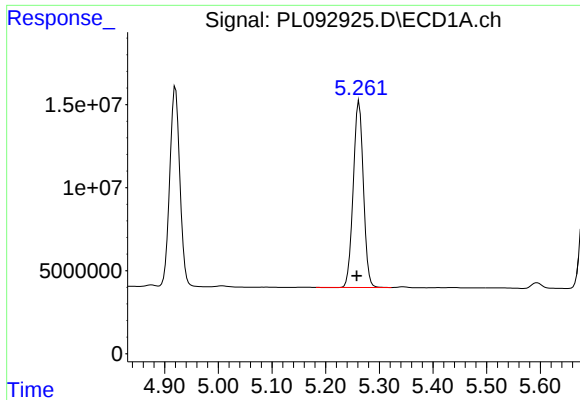
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.004 min
Response: 154230744
Conc: 51.36 ng/ml



#4 Heptachlor

R.T.: 3.951 min
Delta R.T.: 0.001 min
Response: 208320584
Conc: 55.20 ng/ml



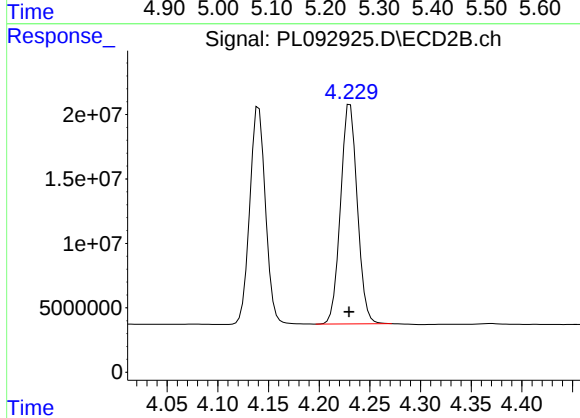
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: 0.004 min
Response: 147225107
Conc: 49.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164788BS

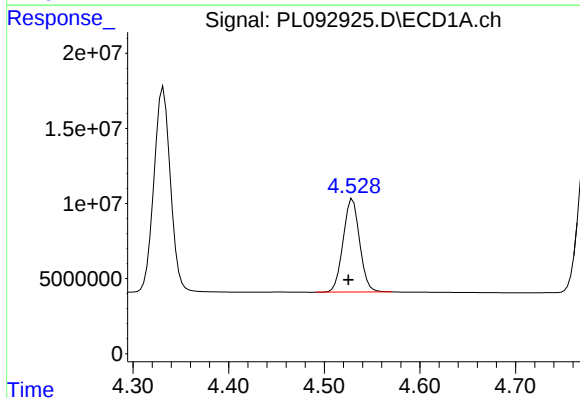
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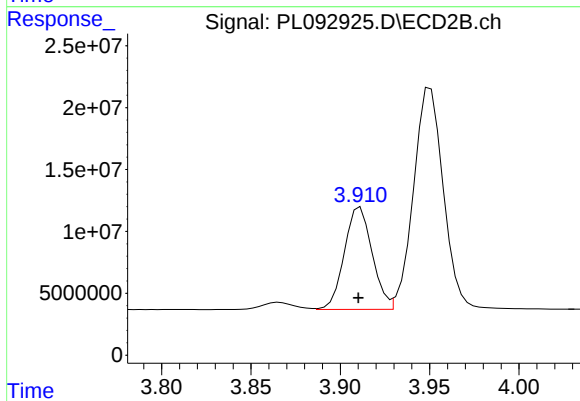
#5 Aldrin

R.T.: 4.231 min
Delta R.T.: 0.001 min
Response: 195761081
Conc: 53.48 ng/ml



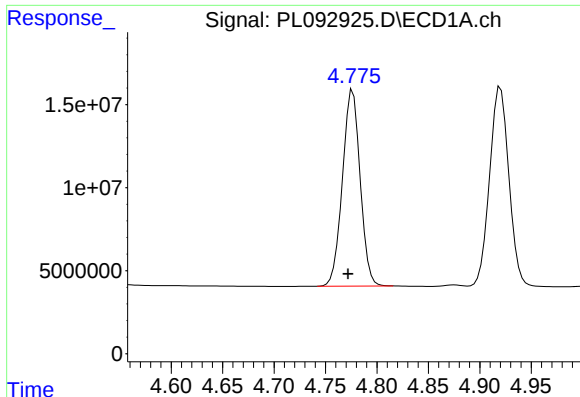
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.004 min
Response: 74738025
Conc: 51.71 ng/ml



#6 beta-BHC

R.T.: 3.911 min
Delta R.T.: 0.001 min
Response: 89584011
Conc: 54.42 ng/ml



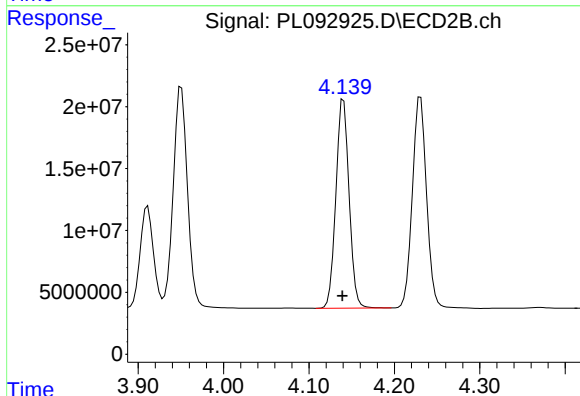
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: 0.005 min
Response: 141653423
Conc: 45.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164788BS

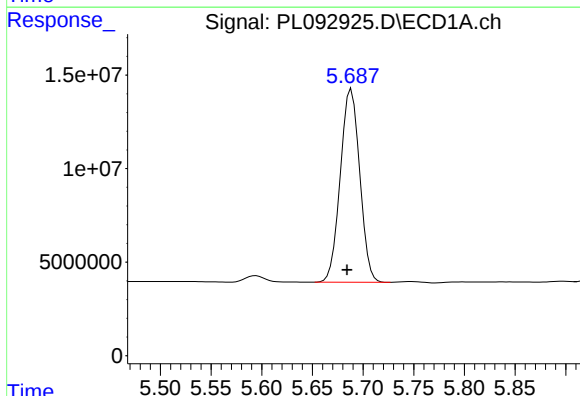
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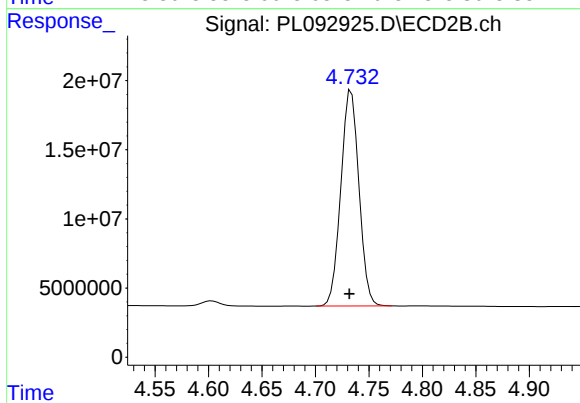
#7 delta-BHC

R.T.: 4.140 min
Delta R.T.: 0.001 min
Response: 181453645
Conc: 47.21 ng/ml



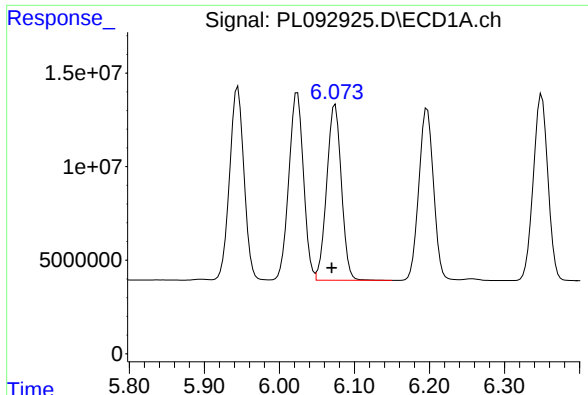
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.004 min
Response: 137743864
Conc: 49.88 ng/ml



#8 Heptachlor epoxide

R.T.: 4.734 min
Delta R.T.: 0.002 min
Response: 184081922
Conc: 55.09 ng/ml



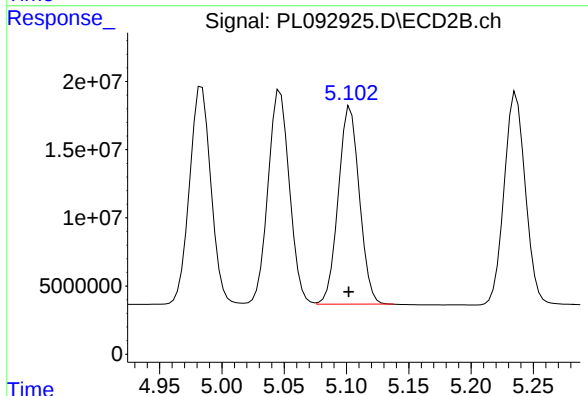
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.005 min
Response: 127921248
Conc: 51.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164788BS

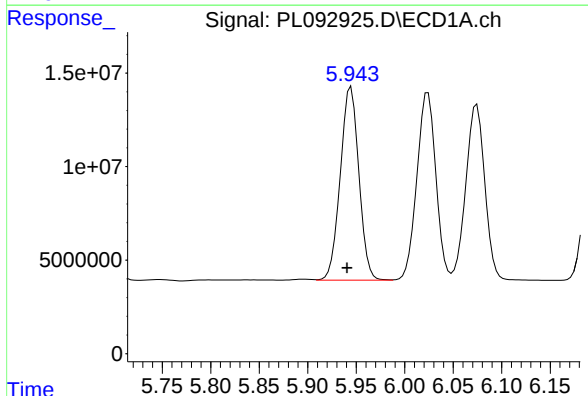
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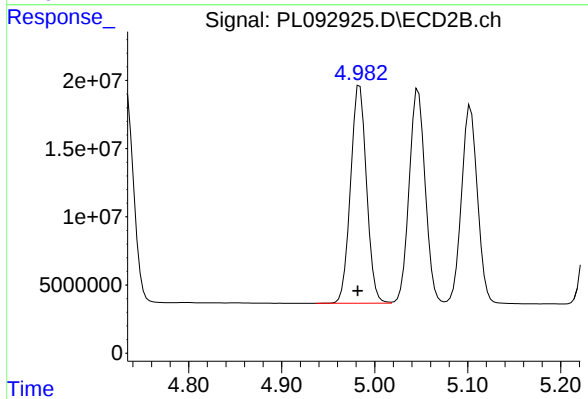
#9 Endosulfan I

R.T.: 5.103 min
Delta R.T.: 0.001 min
Response: 171407807
Conc: 56.14 ng/ml



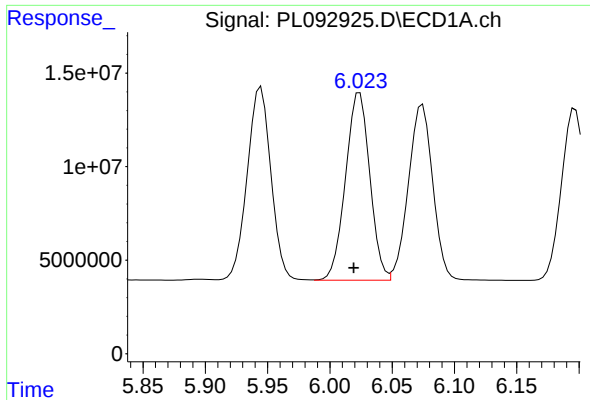
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.004 min
Response: 137597420
Conc: 51.72 ng/ml



#10 gamma-Chlordane

R.T.: 4.984 min
Delta R.T.: 0.002 min
Response: 190813206
Conc: 56.76 ng/ml



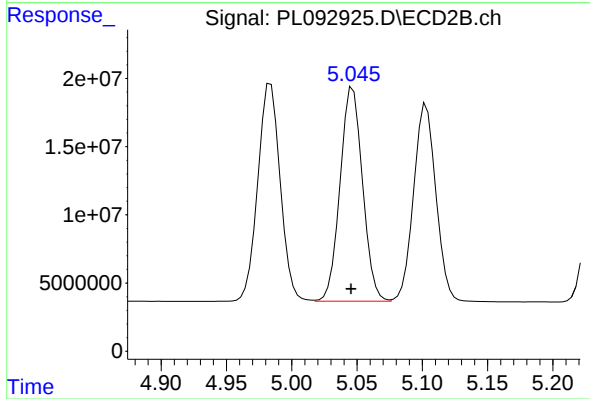
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.005 min
Response: 136455397
Conc: 51.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164788BS

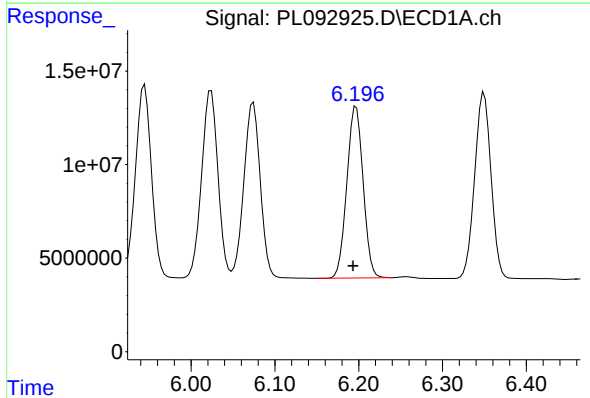
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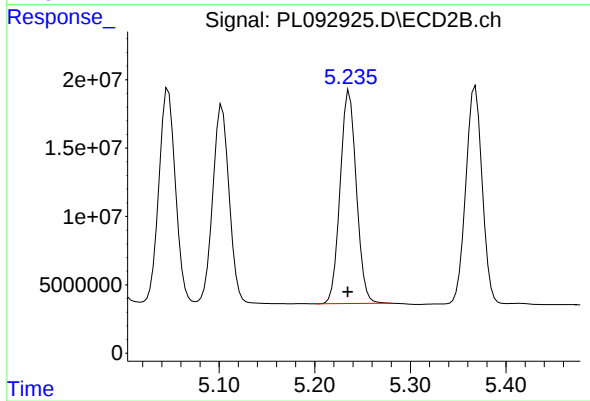
#11 alpha-Chlordane

R.T.: 5.047 min
Delta R.T.: 0.001 min
Response: 188088990
Conc: 56.55 ng/ml



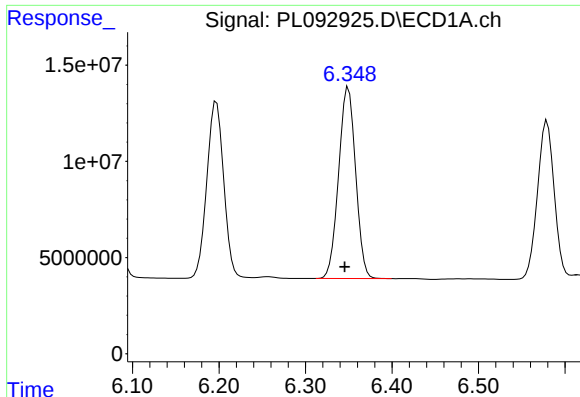
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.004 min
Response: 123983191
Conc: 52.33 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: 0.001 min
Response: 184173941
Conc: 57.17 ng/ml



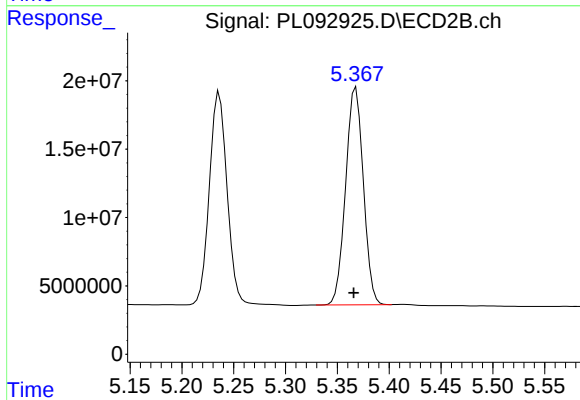
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: 0.004 min
Response: 134990614
Conc: 51.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164788BS

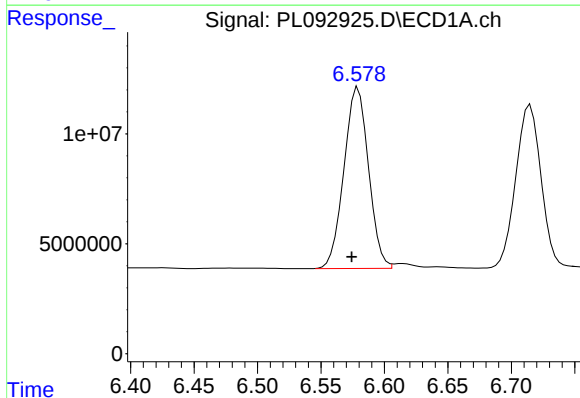
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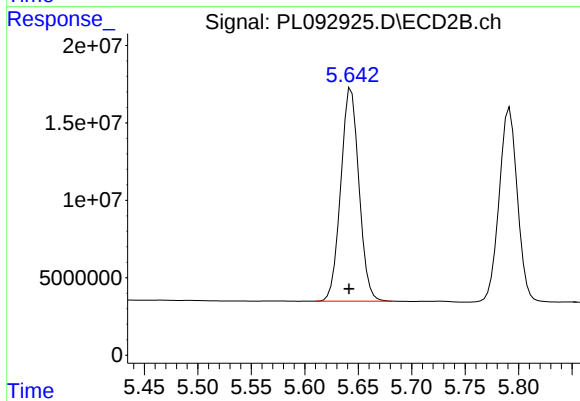
#13 Dieldrin

R.T.: 5.368 min
Delta R.T.: 0.002 min
Response: 189156798
Conc: 56.63 ng/ml



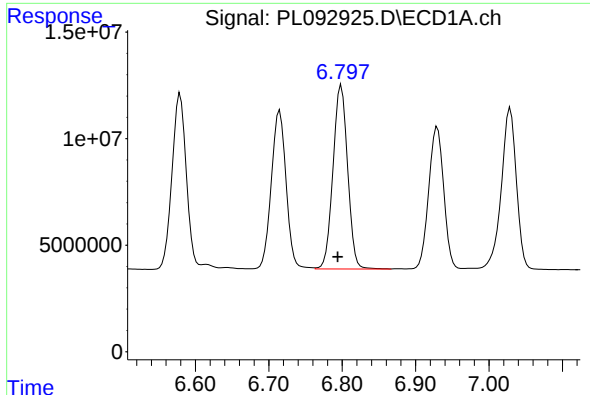
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.004 min
Response: 111243785
Conc: 48.86 ng/ml m



#14 Endrin

R.T.: 5.643 min
Delta R.T.: 0.002 min
Response: 163076438
Conc: 56.37 ng/ml



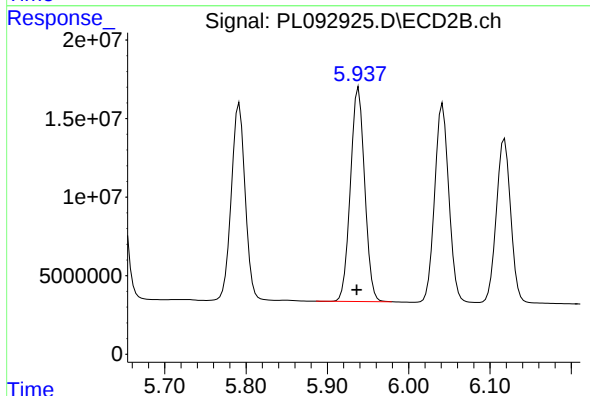
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.005 min
Response: 119587905
Conc: 50.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164788BS

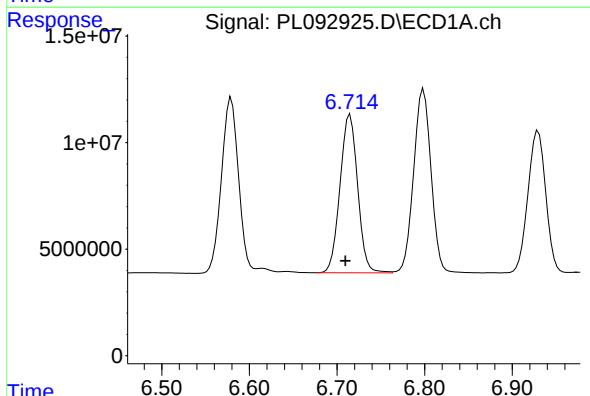
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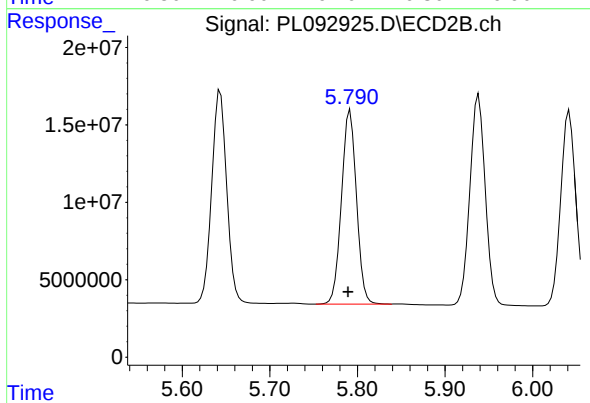
#15 Endosulfan II

R.T.: 5.938 min
Delta R.T.: 0.002 min
Response: 165209980
Conc: 58.31 ng/ml



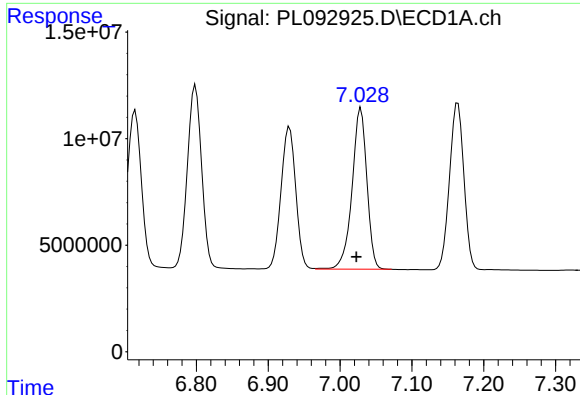
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.005 min
Response: 103913812
Conc: 54.14 ng/ml



#16 4,4'-DDD

R.T.: 5.792 min
Delta R.T.: 0.002 min
Response: 148990468
Conc: 59.83 ng/ml



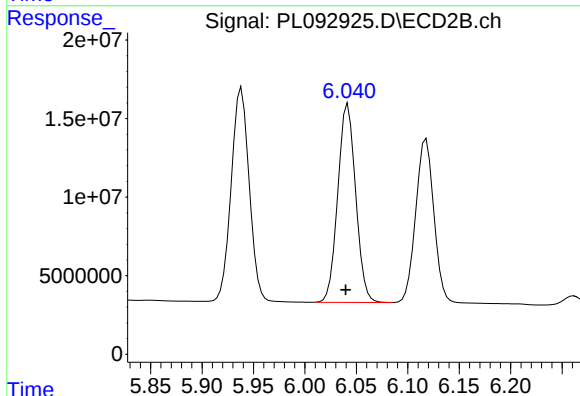
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.006 min
Response: 108274235
Conc: 52.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164788BS

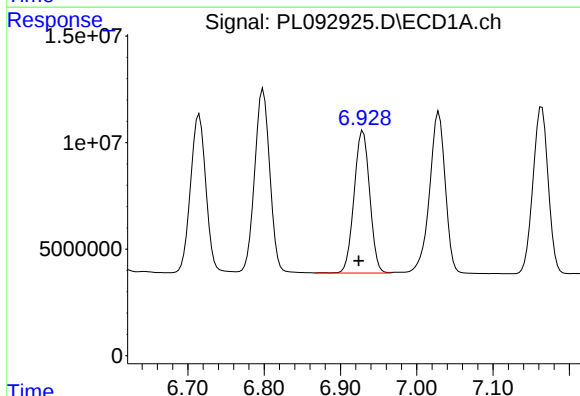
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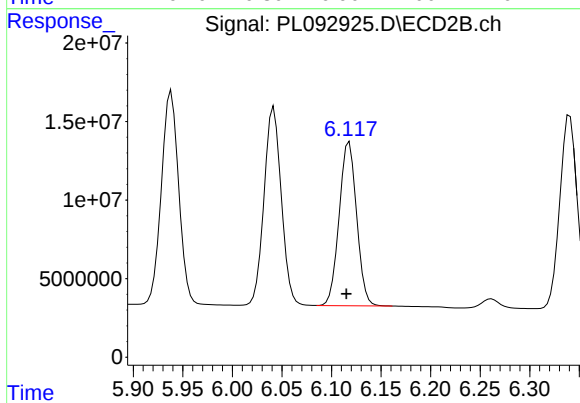
#17 4,4'-DDT

R.T.: 6.042 min
Delta R.T.: 0.002 min
Response: 152719027
Conc: 56.94 ng/ml



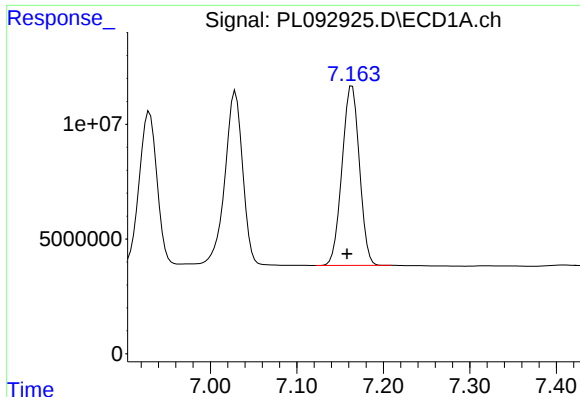
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.006 min
Response: 94974930
Conc: 50.57 ng/ml



#18 Endrin aldehyde

R.T.: 6.118 min
Delta R.T.: 0.003 min
Response: 127914292
Conc: 55.44 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: 0.006 min
Response: 108658996
Conc: 50.07 ng/ml

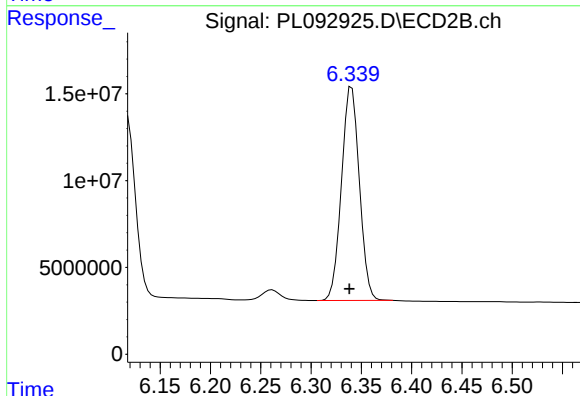
Instrument :

ECD_L

ClientSampleId :
PB164788BS

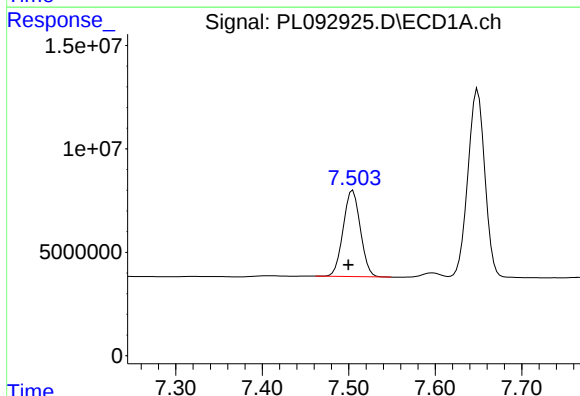
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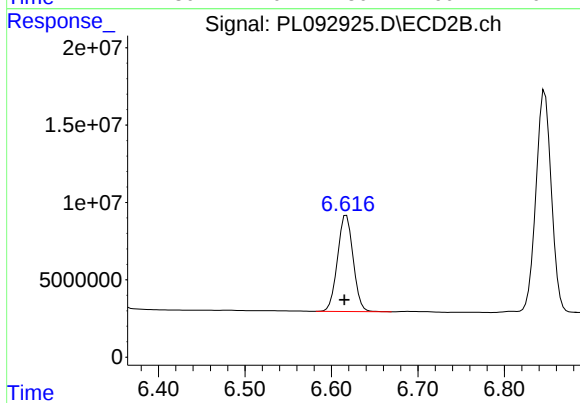
#19 Endosulfan Sulfate

R.T.: 6.340 min
Delta R.T.: 0.002 min
Response: 151790492
Conc: 56.28 ng/ml



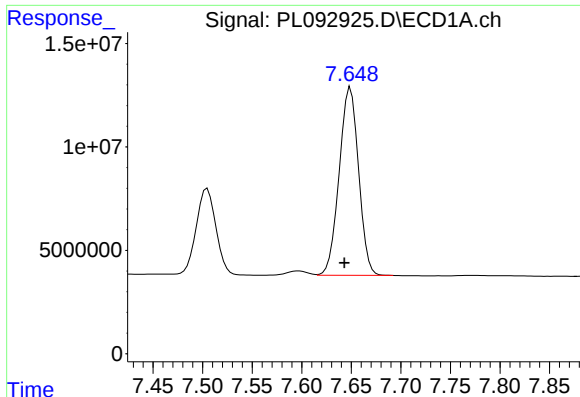
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.005 min
Response: 57171276
Conc: 50.15 ng/ml



#20 Methoxychlor

R.T.: 6.617 min
Delta R.T.: 0.002 min
Response: 77598432
Conc: 54.34 ng/ml



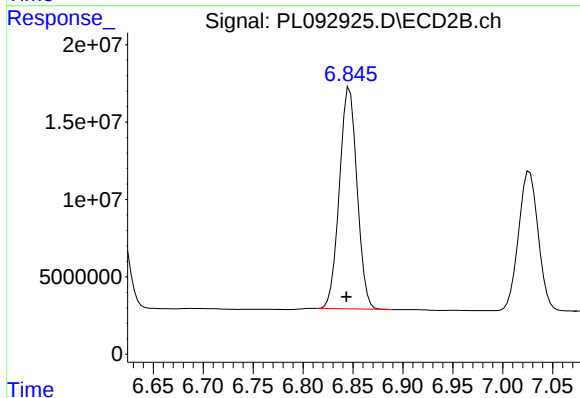
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.006 min
Response: 123746529
Conc: 51.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164788BS

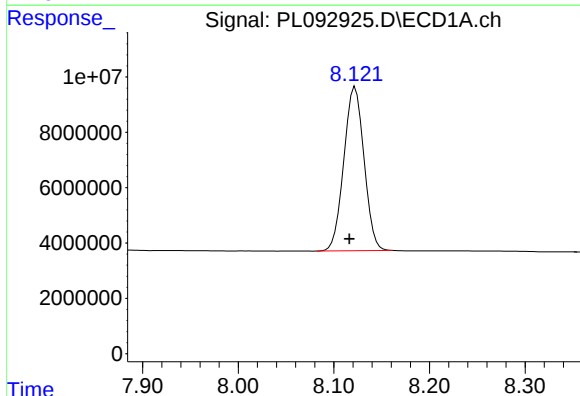
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



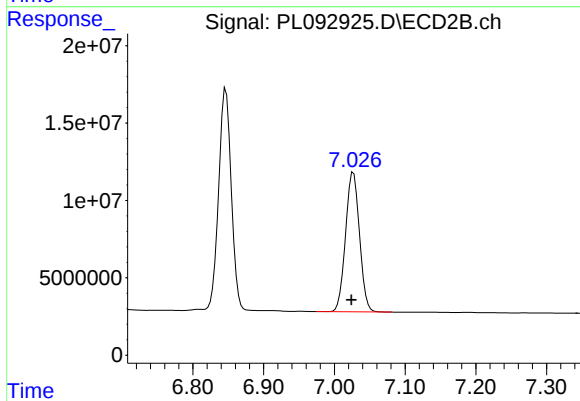
#21 Endrin ketone

R.T.: 6.847 min
Delta R.T.: 0.003 min
Response: 176230341
Conc: 57.43 ng/ml



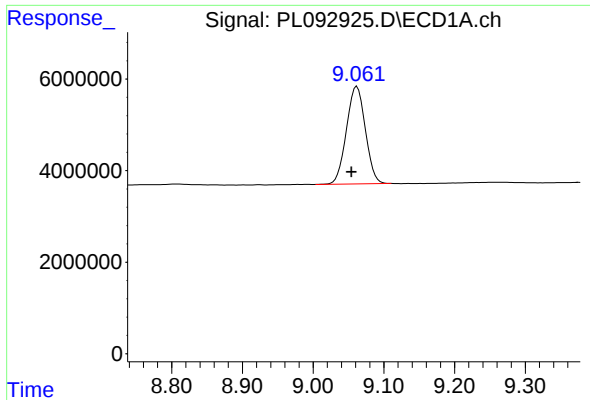
#22 Mirex

R.T.: 8.122 min
Delta R.T.: 0.006 min
Response: 87252676
Conc: 44.03 ng/ml



#22 Mirex

R.T.: 7.027 min
Delta R.T.: 0.003 min
Response: 123775182
Conc: 47.44 ng/ml



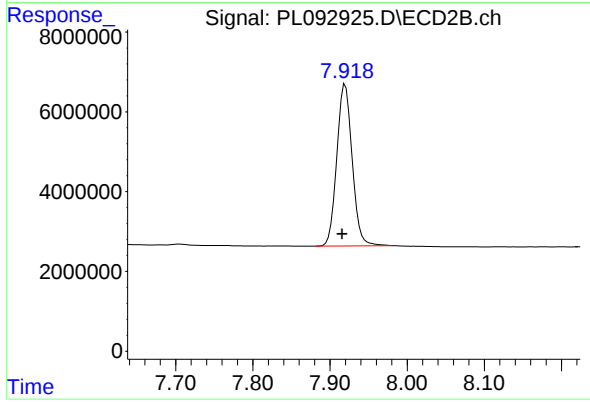
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.008 min
Response: 39655051
Conc: 20.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164788BS

Manual Integrations
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Supervised By :Ankita Jodhani 11/11/2024



#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: 0.004 min
Response: 56186893
Conc: 20.59 ng/ml