

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040125\
 Data File : PL094991.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2025 16:41
 Operator : AR\AJ
 Sample : Q1681-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-12MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/02/2025
 Supervised By :mohammad ahmed 04/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 01:24:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.534	2.769	51729856	68725228	18.275m	19.255
2) SA Decachlor...	9.050	7.901	41019099	69522300	19.464	17.211
Target Compounds						
2) A alpha-BHC	3.992	3.271	173.2E6	256.8E6	41.706	47.633
3) MA gamma-BHC...	4.324	3.600	165.3E6	235.8E6	41.426	45.889
4) MA Heptachlor	4.912	3.938	157.0E6	231.5E6	40.435	43.944
5) MB Aldrin	5.253	4.217	151.5E6	218.3E6	41.025	44.770
6) B beta-BHC	4.524	3.901	76680501	103.3E6	41.556	46.512
7) B delta-BHC	4.770	4.129	168.1E6	223.4E6	43.169	44.660
8) B Heptachlo...	5.680	4.718	139.0E6	203.9E6	41.564	44.539m
9) A Endosulfan I	6.065	5.090	131.7E6	205.1E6	42.912	46.724
10) B gamma-Chl...	5.936	4.968	134.5E6	216.2E6	39.908	44.777m
11) B alpha-Chl...	6.015	5.032	140.0E6	212.1E6	42.460	44.448m
12) B 4,4'-DDE	6.189	5.220	138.5E6	213.2E6	47.078	45.854m
13) MA Dieldrin	6.340	5.353	139.0E6	212.9E6	43.454	43.872
14) MA Endrin	6.571	5.628	116.2E6	195.0E6	41.907	44.691m
15) B Endosulfa...	6.790	5.922	103.1E6	189.1E6	37.969m	43.697m
16) A 4,4'-DDD	6.705	5.777	108.3E6	169.2E6	49.979m	47.042
17) MA 4,4'-DDT	7.020	6.027	105.9E6	175.2E6	44.503	43.456
18) B Endrin al...	6.921	6.103	93129528	143.9E6	44.117	42.751
19) B Endosulfa...	7.156	6.326	108.3E6	178.1E6	44.511	43.726
20) A Methoxychlor	7.497	6.601	56152008	93271104	46.908	43.974
21) B Endrin ke...	7.640	6.830	123.2E6	207.6E6	46.616	43.502m
22) Mirex	8.113	7.010	87978097	158.6E6	42.578	41.795

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040125\
Data File : PL094991.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2025 16:41
Operator : AR\AJ
Sample : Q1681-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

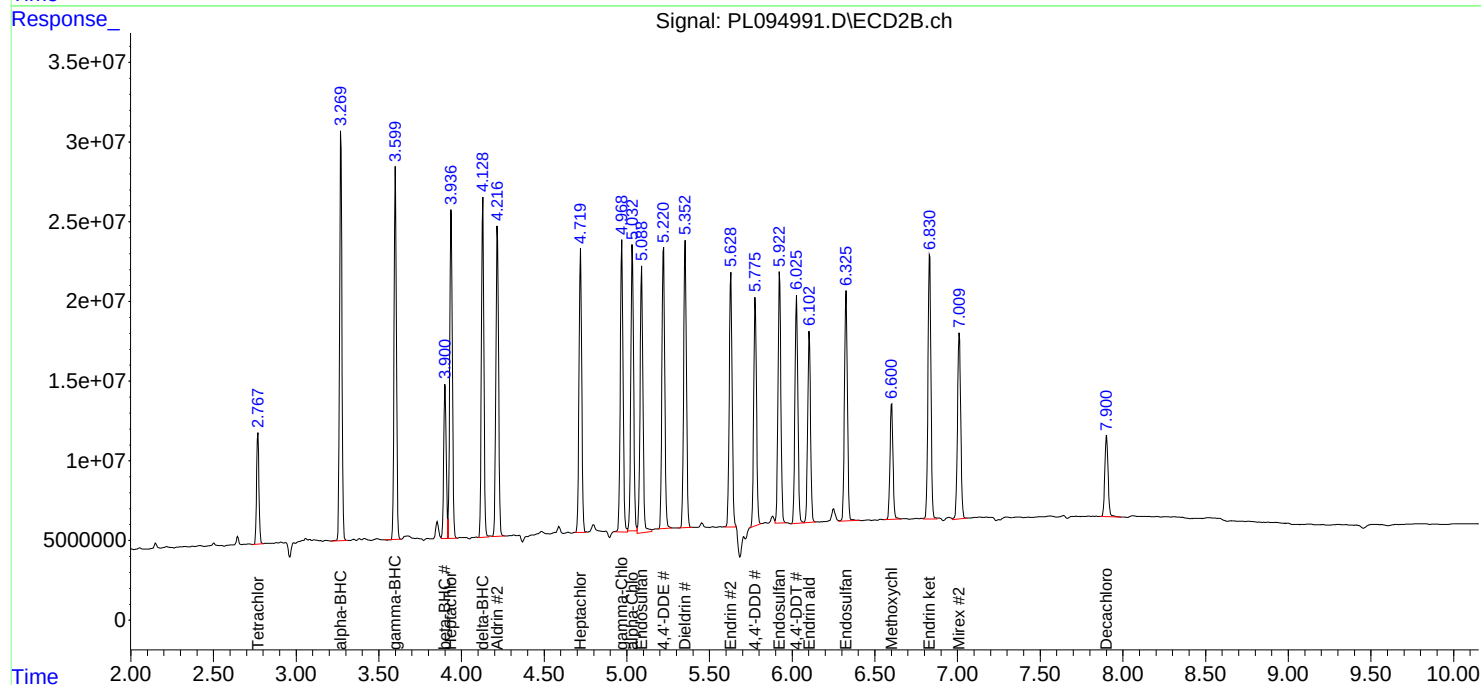
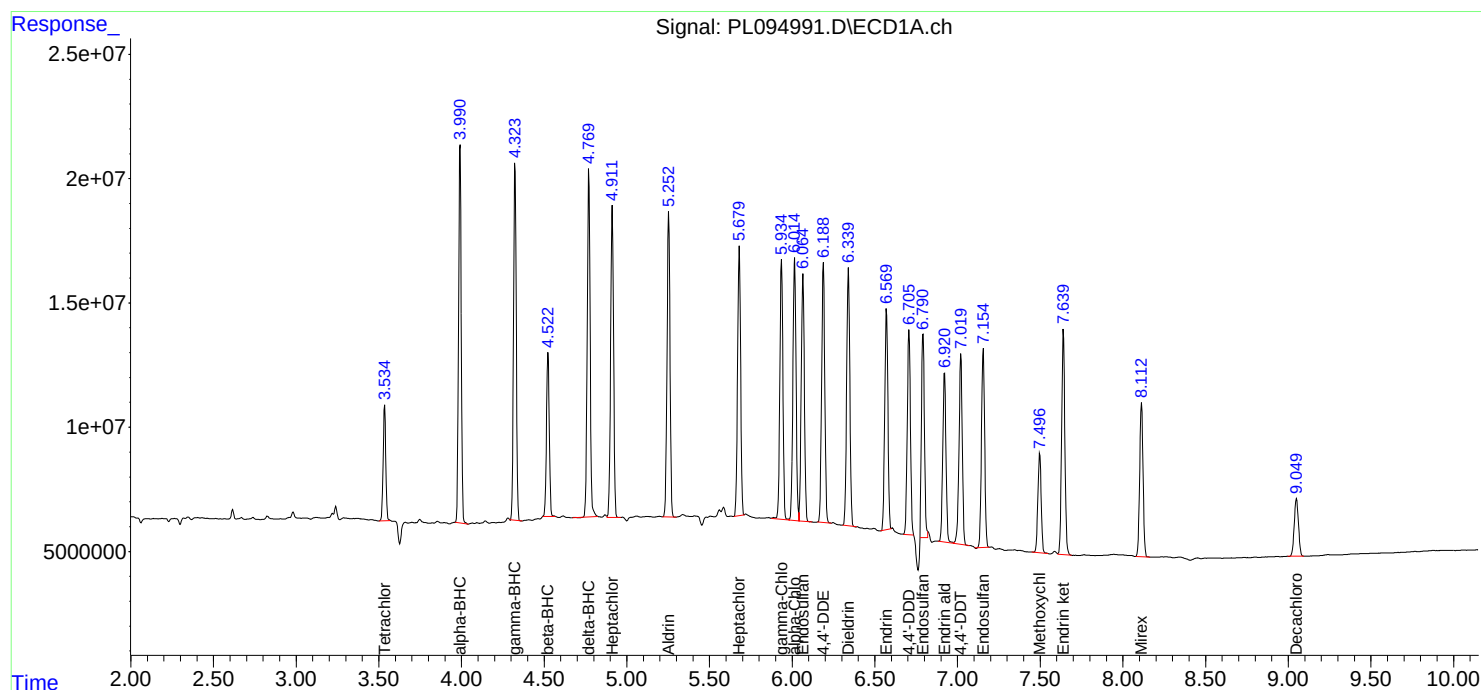
Instrument :
ECD_L
ClientSampleId :
TP-12MS

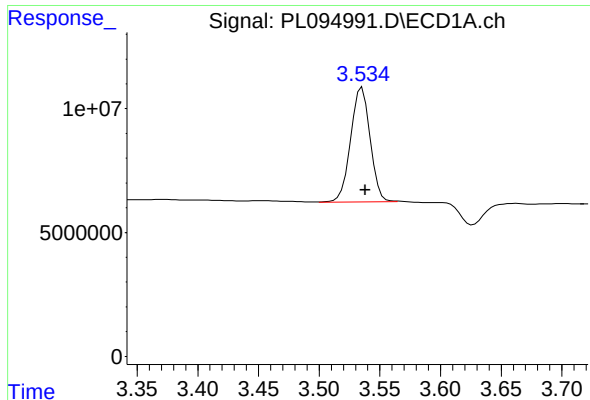
Manual Integrations
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Supervised By :mohammad ahmed 04/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 02 01:24:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





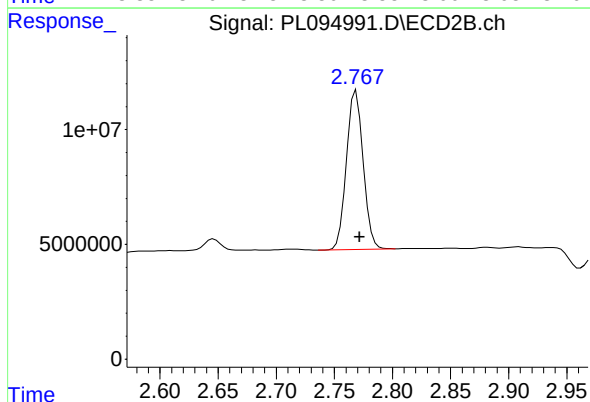
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 51729856
Conc: 18.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-12MS

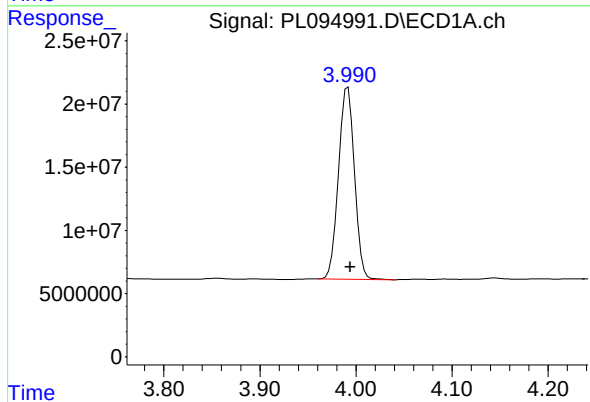
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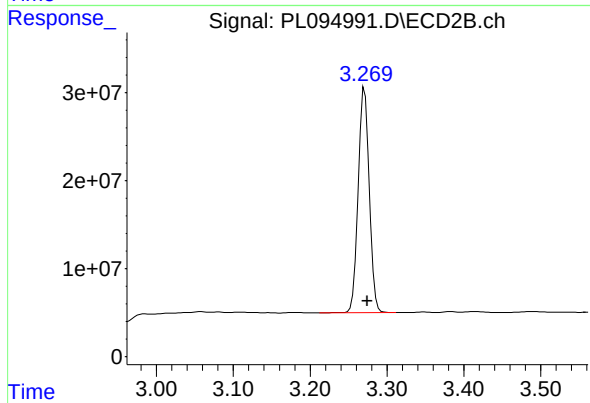
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 68725228
Conc: 19.25 ng/ml



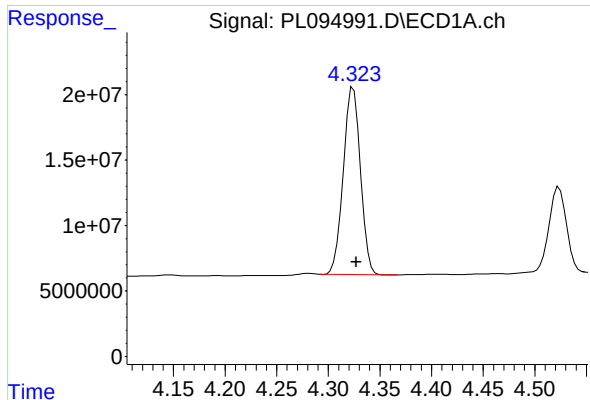
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.003 min
Response: 173177397
Conc: 41.71 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.004 min
Response: 256804667
Conc: 47.63 ng/ml



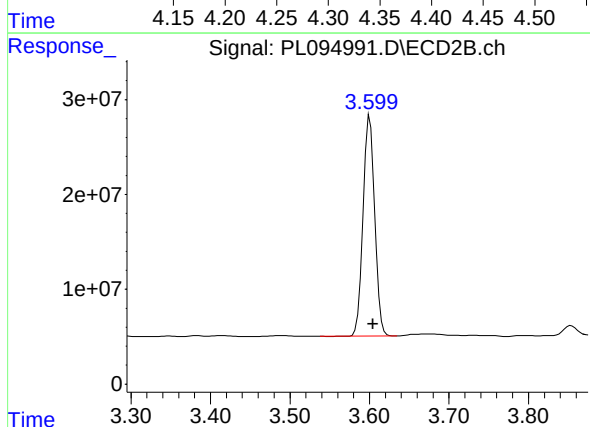
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 165301050
Conc: 41.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-12MS

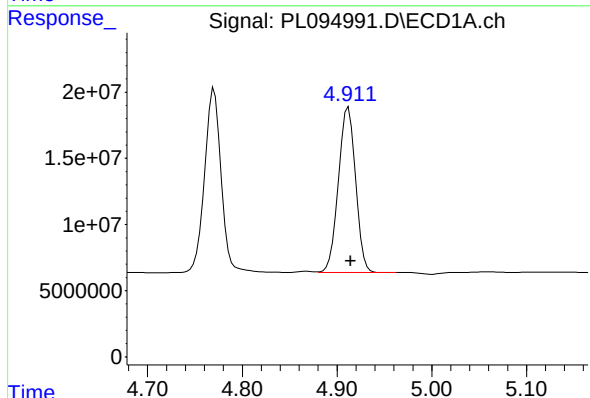
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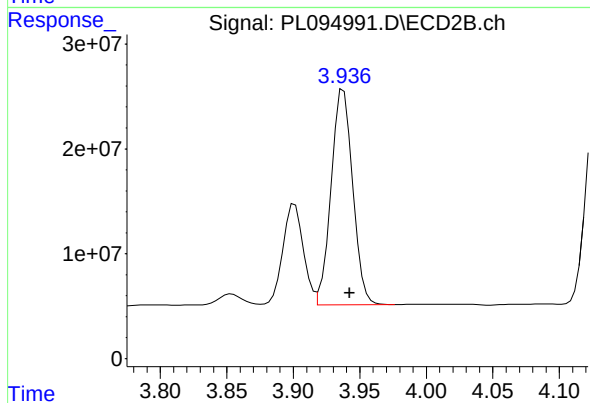
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: -0.004 min
Response: 235843897
Conc: 45.89 ng/ml



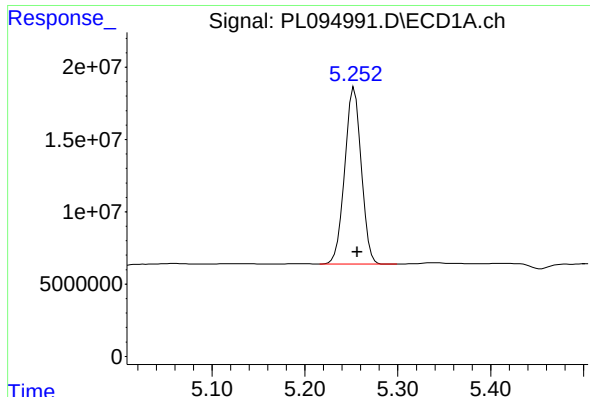
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.003 min
Response: 156954624
Conc: 40.44 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.005 min
Response: 231524322
Conc: 43.94 ng/ml



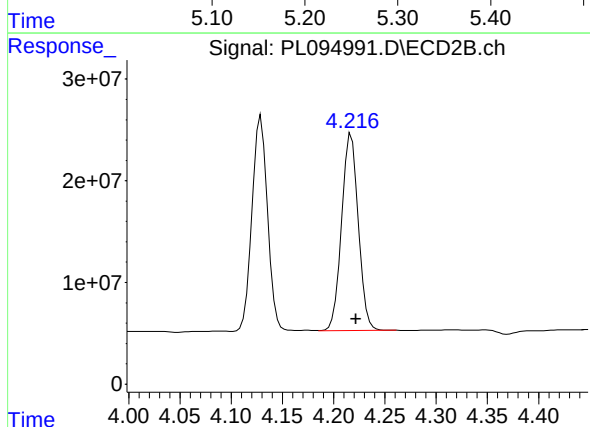
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 151471558
Conc: 41.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-12MS

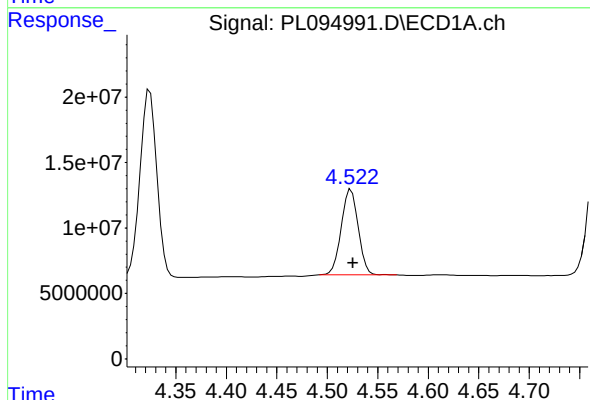
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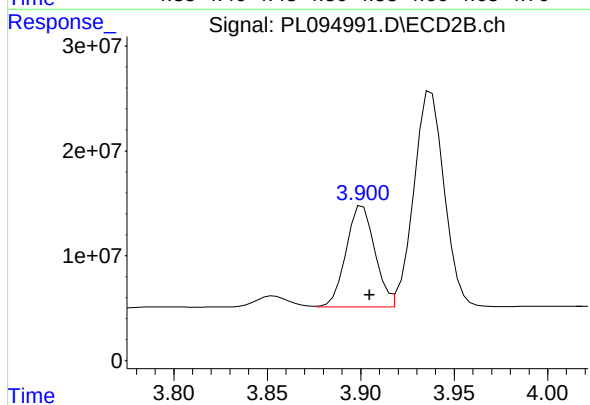
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 218315840
Conc: 44.77 ng/ml



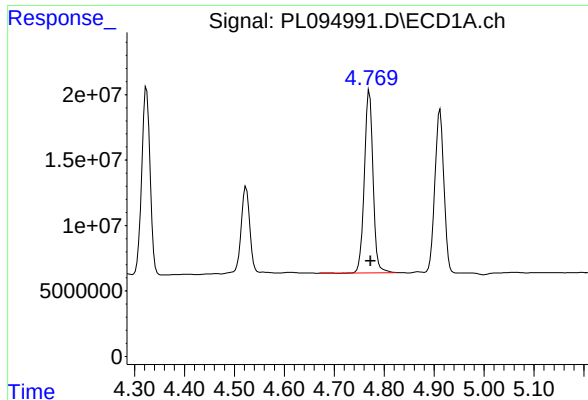
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 76680501
Conc: 41.56 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 103317324
Conc: 46.51 ng/ml



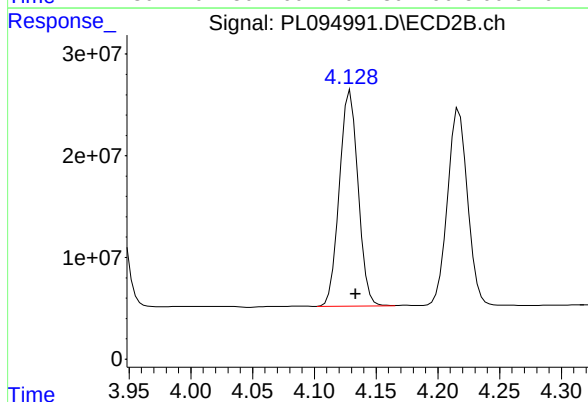
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 168114243
Conc: 43.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-12MS

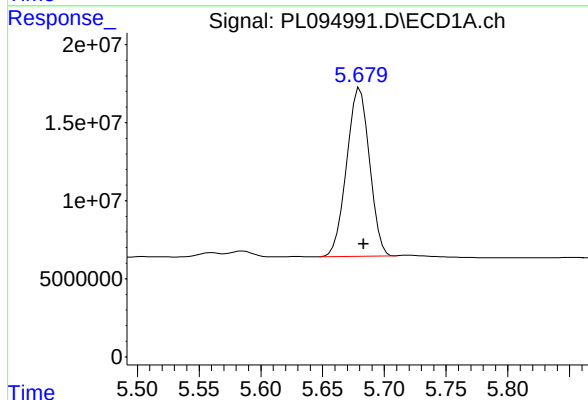
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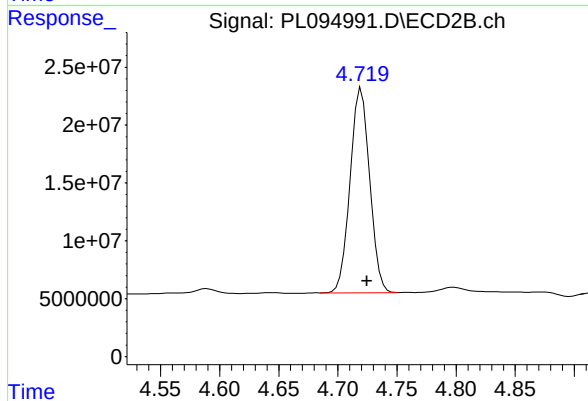
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: -0.004 min
Response: 223390118
Conc: 44.66 ng/ml



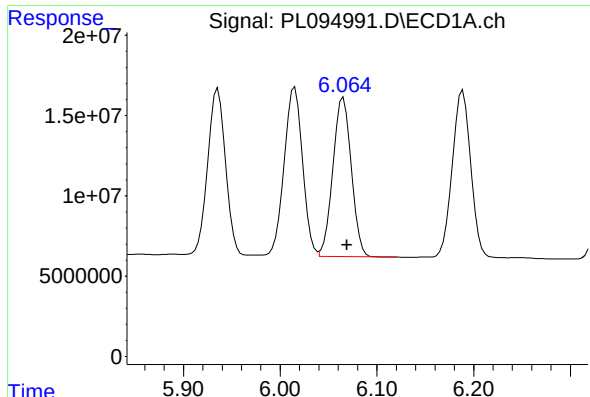
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 139040726
Conc: 41.56 ng/ml



#8 Heptachlor epoxide

R.T.: 4.718 min
Delta R.T.: -0.006 min
Response: 203925862
Conc: 44.54 ng/ml m



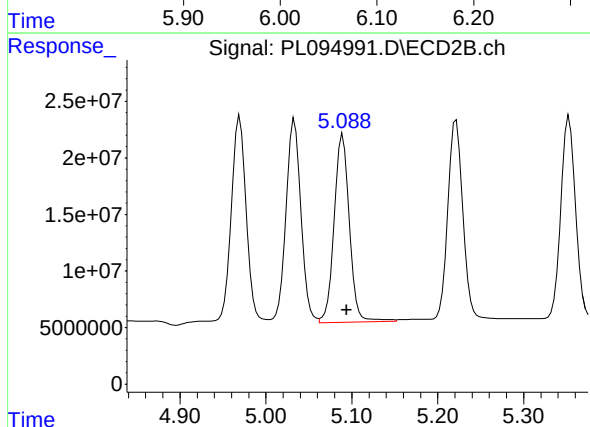
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.004 min
Response: 131747562
Conc: 42.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-12MS

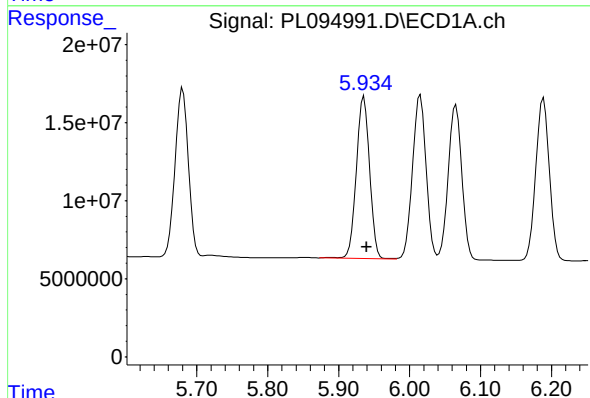
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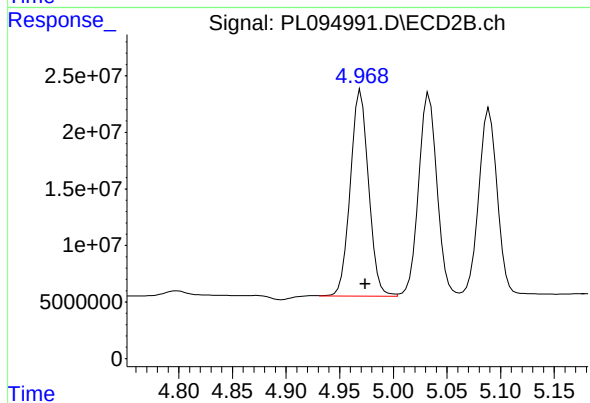
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: -0.004 min
Response: 205059724
Conc: 46.72 ng/ml



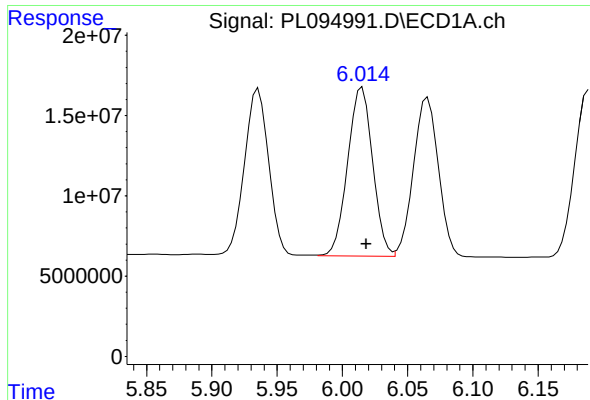
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.004 min
Response: 134463169
Conc: 39.91 ng/ml



#10 gamma-Chlordane

R.T.: 4.968 min
Delta R.T.: -0.006 min
Response: 216204056
Conc: 44.78 ng/ml m



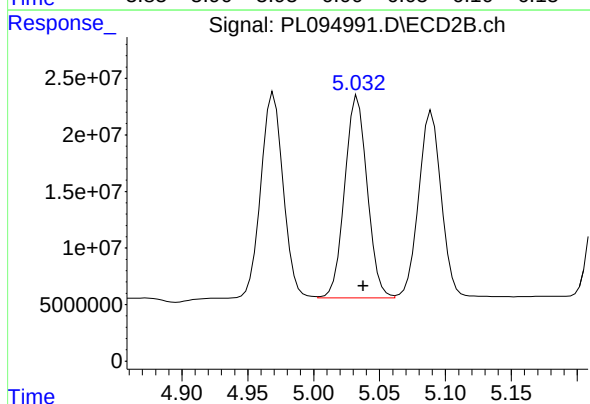
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 139984582
Conc: 42.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-12MS

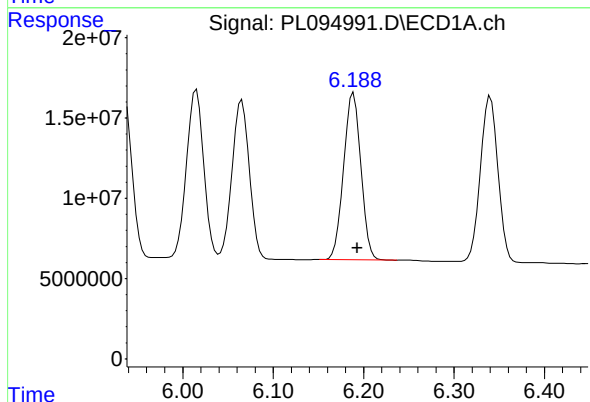
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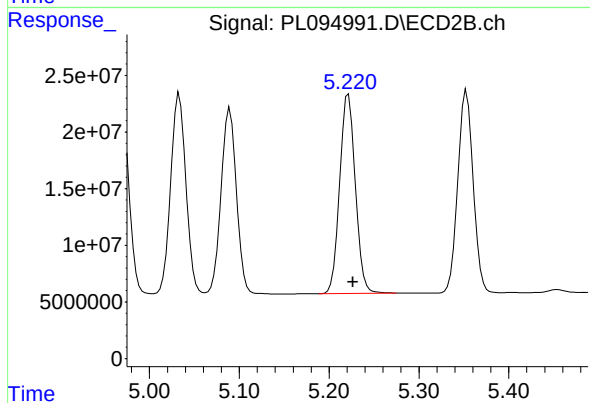
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: -0.006 min
Response: 212137902
Conc: 44.45 ng/ml m



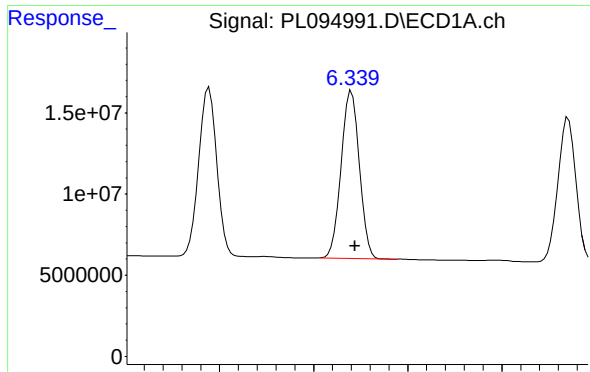
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 138507073
Conc: 47.08 ng/ml



#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: -0.006 min
Response: 213154456
Conc: 45.85 ng/ml m



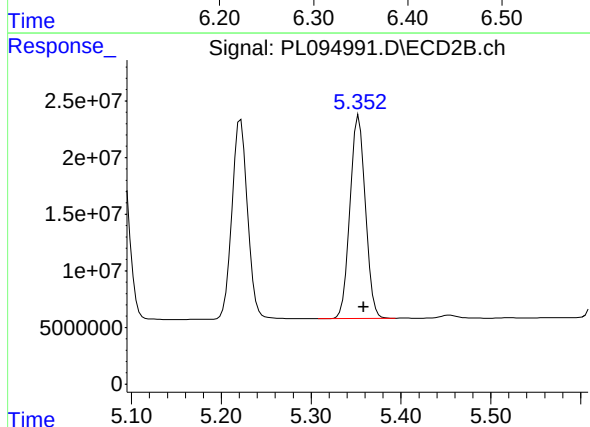
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 138971948
Conc: 43.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-12MS

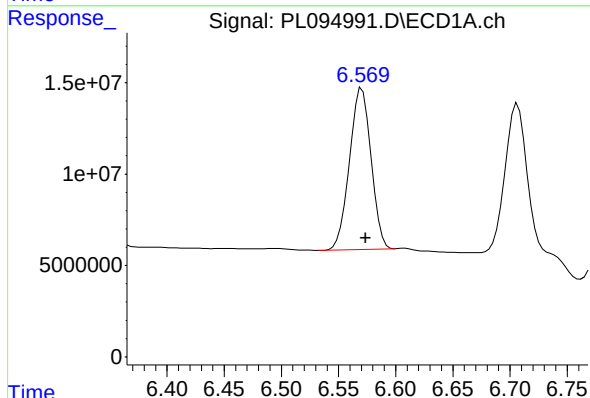
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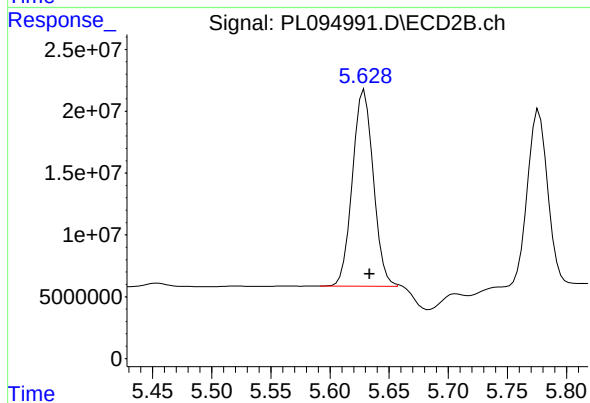
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: -0.005 min
Response: 212857656
Conc: 43.87 ng/ml



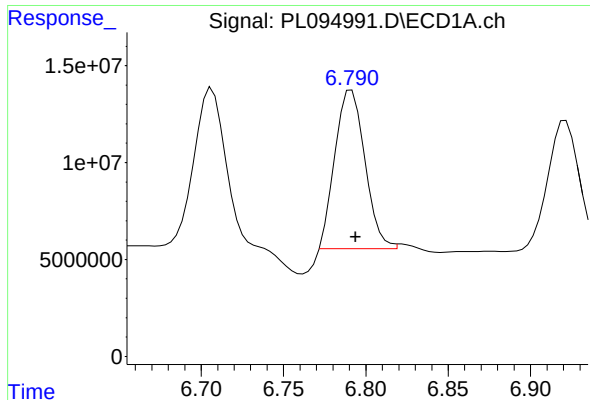
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 116168038
Conc: 41.91 ng/ml



#14 Endrin

R.T.: 5.628 min
Delta R.T.: -0.006 min
Response: 195016155
Conc: 44.69 ng/ml m



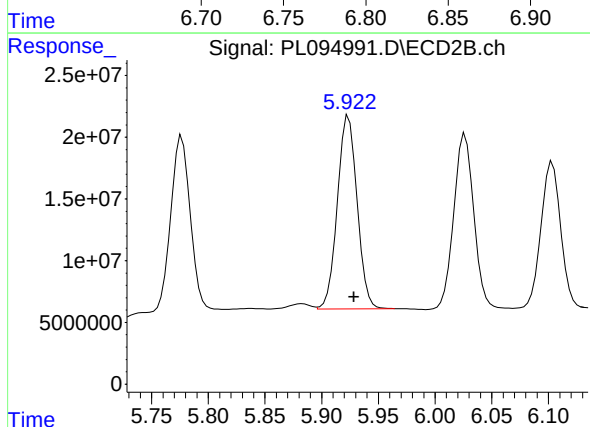
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: -0.004 min
Response: 103075489
Conc: 37.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-12MS

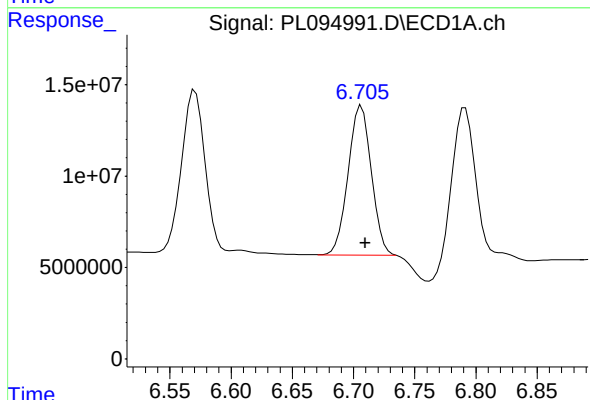
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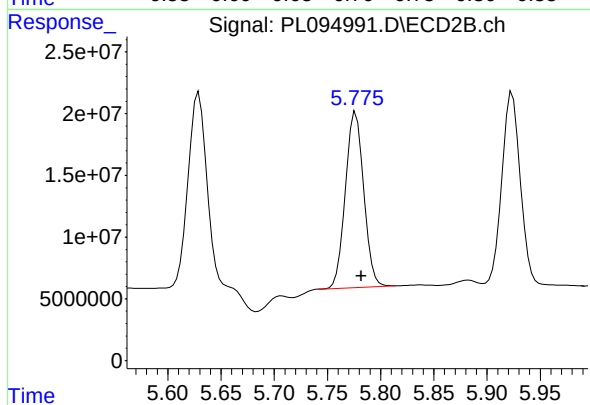
#15 Endosulfan II

R.T.: 5.922 min
Delta R.T.: -0.006 min
Response: 189134131
Conc: 43.70 ng/ml m



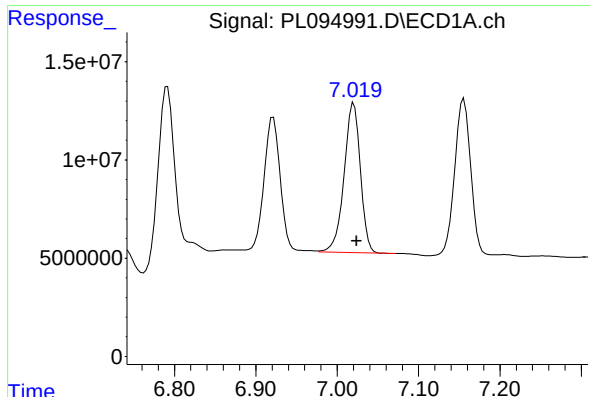
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.005 min
Response: 108258902
Conc: 49.98 ng/ml m



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 169159547
Conc: 47.04 ng/ml



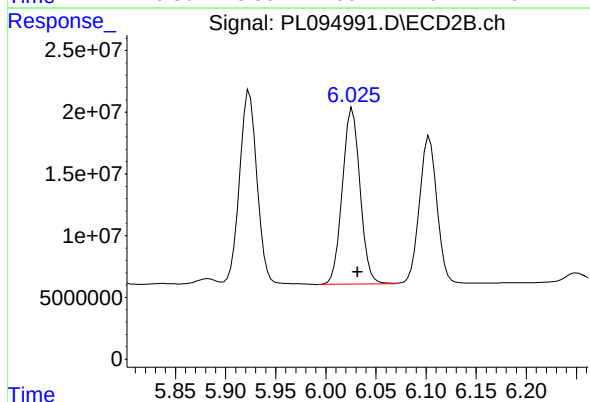
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 105851997
Conc: 44.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-12MS

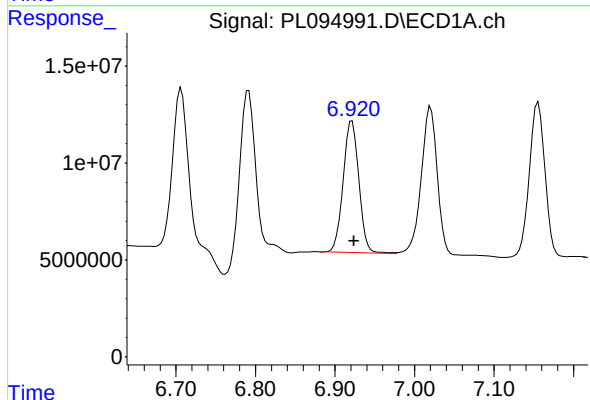
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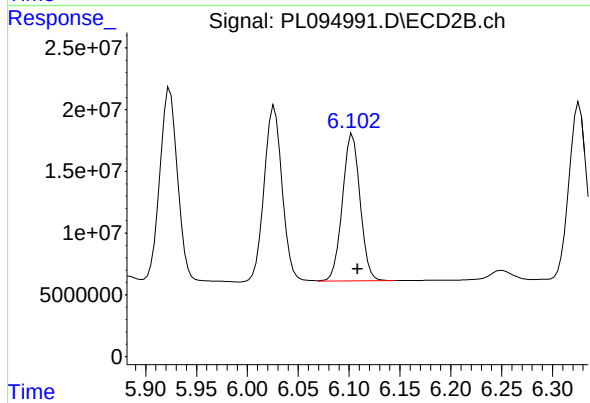
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.005 min
Response: 175219561
Conc: 43.46 ng/ml



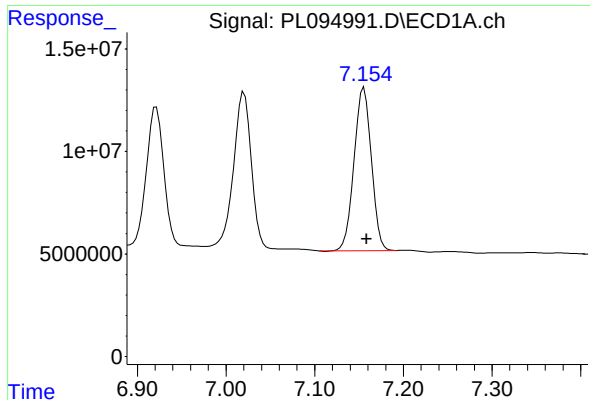
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.002 min
Response: 93129528
Conc: 44.12 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: -0.005 min
Response: 143871339
Conc: 42.75 ng/ml



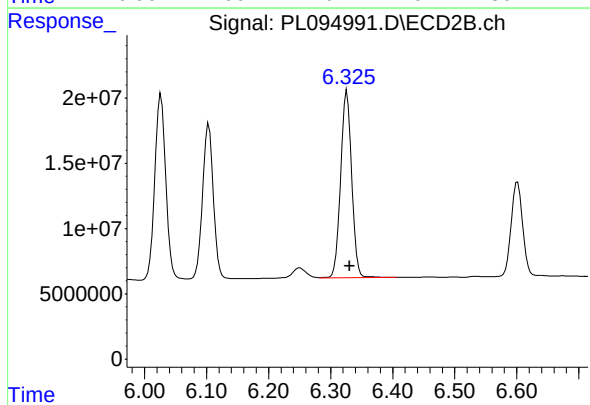
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.003 min
Response: 108252306
Conc: 44.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-12MS

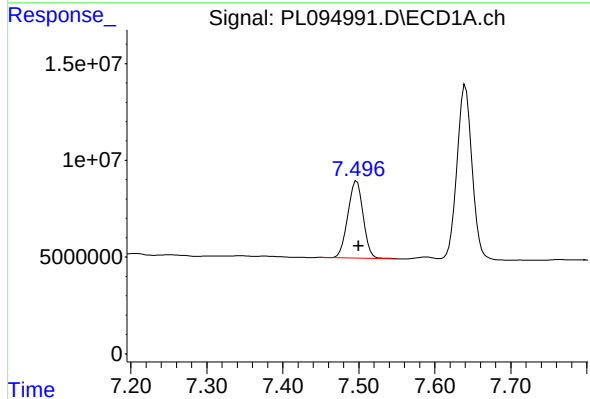
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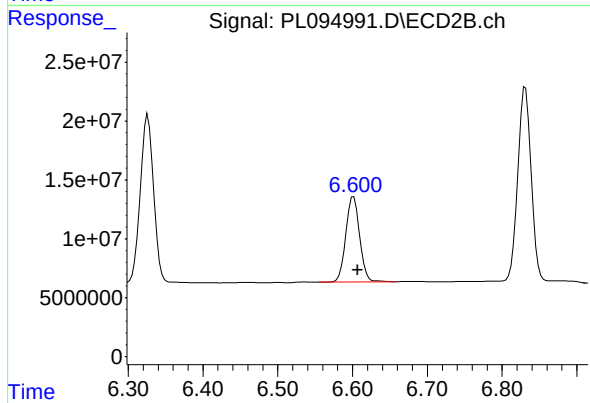
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: -0.004 min
Response: 178113217
Conc: 43.73 ng/ml



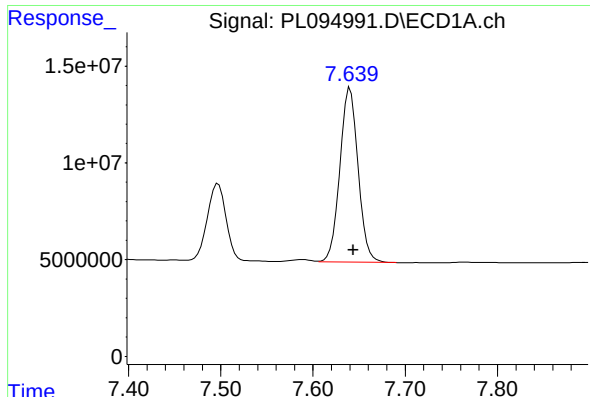
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 56152008
Conc: 46.91 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 93271104
Conc: 43.97 ng/ml



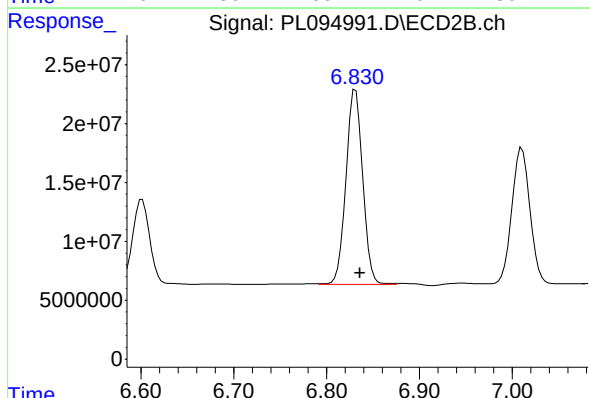
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.003 min
Response: 123218729
Conc: 46.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-12MS

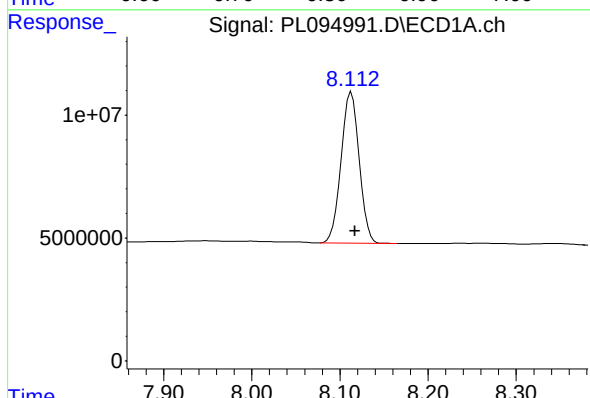
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Reviewed By :Abdul Mirza 04/02/2025
Supervised By :mohammad ahmed 04/03/2025



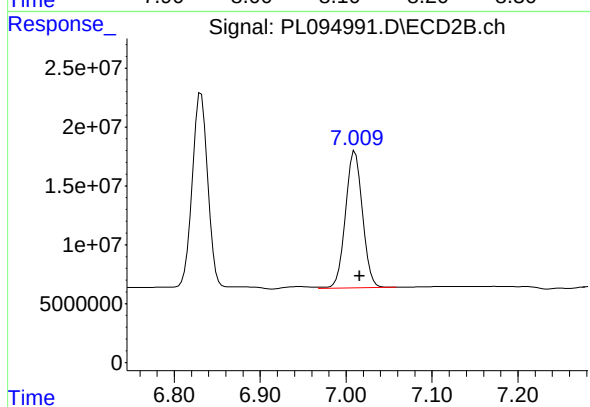
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: -0.006 min
Response: 207618111
Conc: 43.50 ng/ml m



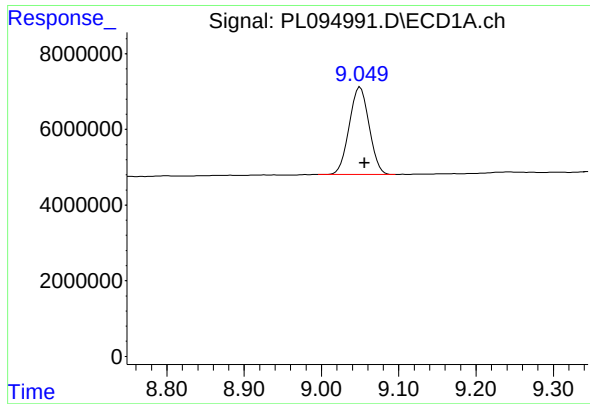
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.004 min
Response: 87978097
Conc: 42.58 ng/ml



#22 Mirex

R.T.: 7.010 min
Delta R.T.: -0.005 min
Response: 158625948
Conc: 41.80 ng/ml



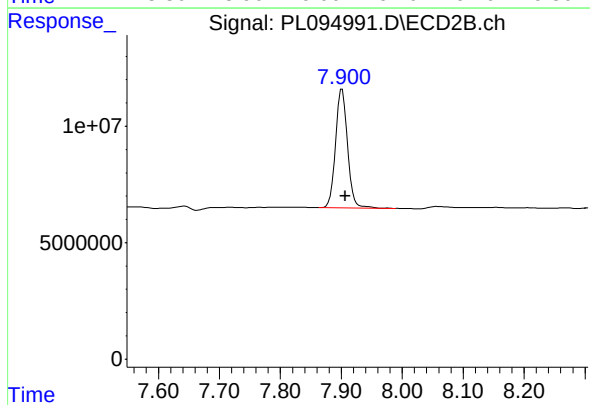
#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: -0.006 min
Response: 41019099
Conc: 19.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-12MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/02/2025
Supervised By :mohammad ahmed 04/03/2025



#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: -0.005 min
Response: 69522300
Conc: 17.21 ng/ml