

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041025\
 Data File : PL095173.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2025 17:53
 Operator : AR\AJ
 Sample : Q1760-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-15MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/11/2025
 Supervised By :mohammad ahmed 04/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 20:36:20 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...	3.532	2.765	48453526	68030236	17.117m	19.060m
2) SA Decachlor...	9.047	7.897	36368808	61481306	17.257	15.221
Target Compounds						
2) A alpha-BHC	3.990	3.267	166.3E6	241.5E6	40.052	44.793m
3) MA gamma-BHC...	4.322	3.597	159.0E6	225.5E6	39.858	43.867m
4) MA Heptachlor	4.910	3.935	149.5E6	222.8E6	38.516	42.291
5) MB Aldrin	5.251	4.214	139.7E6	204.2E6	37.846	41.884
6) B beta-BHC	4.522	3.899	69647789	97858178	37.745	44.055
7) B delta-BHC	4.767	4.127	149.1E6	200.0E6	38.286m	39.975
8) B Heptachlo...	5.677	4.717	131.9E6	188.3E6	39.443	41.126
9) A Endosulfan I	6.064	5.086	122.1E6	170.6E6	39.753	38.868
10) B gamma-Chl...	5.933	4.967	132.9E6	209.3E6	39.457m	43.355
11) B alpha-Chl...	6.012	5.030	128.3E6	187.5E6	38.920	39.288
12) B 4,4'-DDE	6.187	5.218	132.8E6	181.7E6	45.155	39.082
13) MA Dieldrin	6.338	5.349	151.9E6	215.2E6	47.486	44.354m
14) MA Endrin	6.566	5.625	114.1E6	186.8E6	41.177m	42.810m
15) B Endosulfa...	6.788	5.919	119.4E6	175.8E6	43.967	40.613m
16) A 4,4'-DDD	6.708	5.773	172.4E6	150.8E6	79.573	41.937 #
17) MA 4,4'-DDT	7.018	6.022	105.2E6	240.4E6	44.215	59.614 #
18) B Endrin al...	6.917	6.101	85290201	180.1E6	40.403m	53.514 #
19) B Endosulfa...	7.153	6.321	129.7E6	245.5E6	53.319	60.261
20) A Methoxychlor	7.495	6.595	54780232	59859314	45.762	28.221m#
21) B Endrin ke...	7.638	6.827	116.6E6	191.5E6	44.096	40.115
22) Mirex	8.111	7.007	81850193	140.9E6	39.612	37.134

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041025\
Data File : PL095173.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 17:53
Operator : AR\AJ
Sample : Q1760-05MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

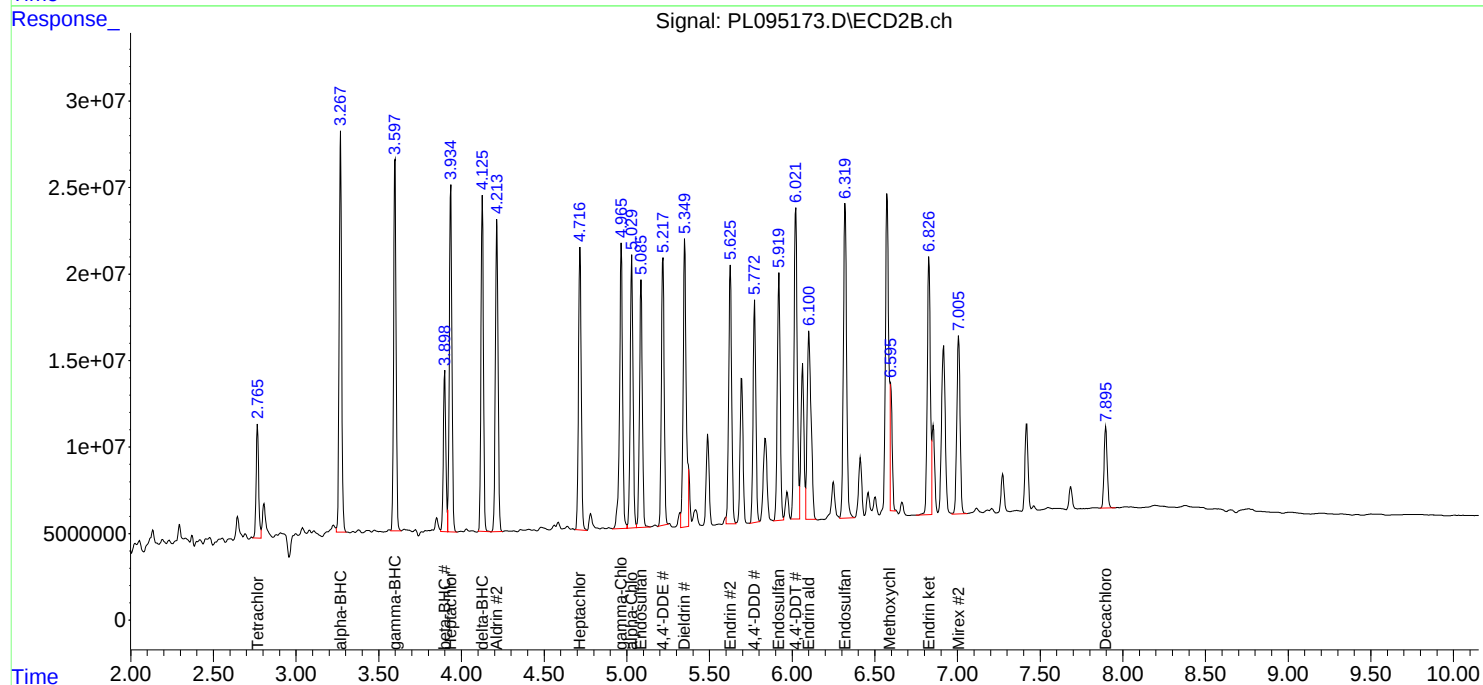
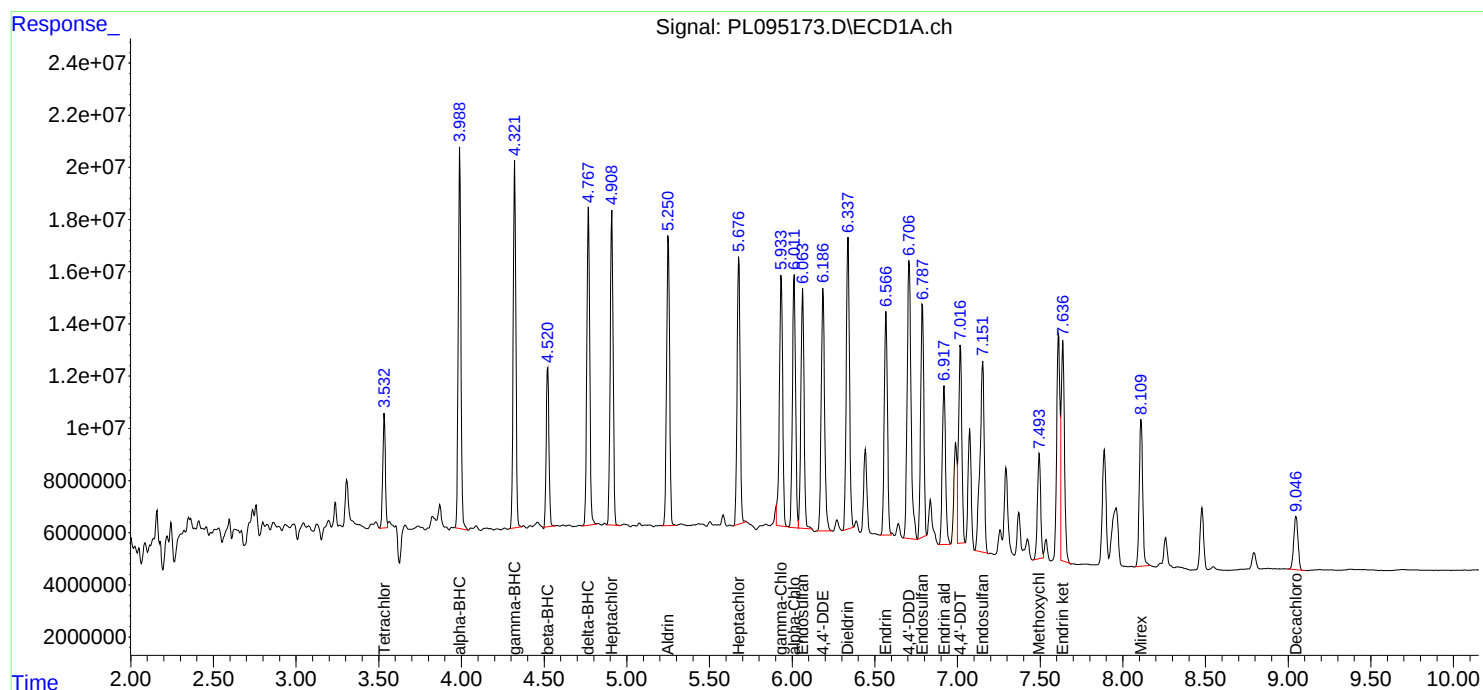
Instrument :
ECD_L
ClientSampleId :
TP-15MS

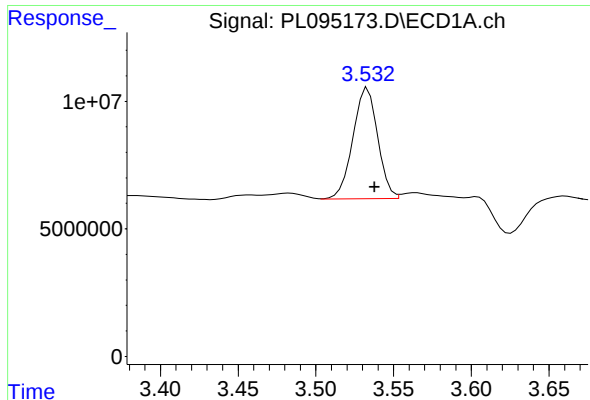
Manual Integrations
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Supervised By :mohammad ahmed 04/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 20:36:20 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





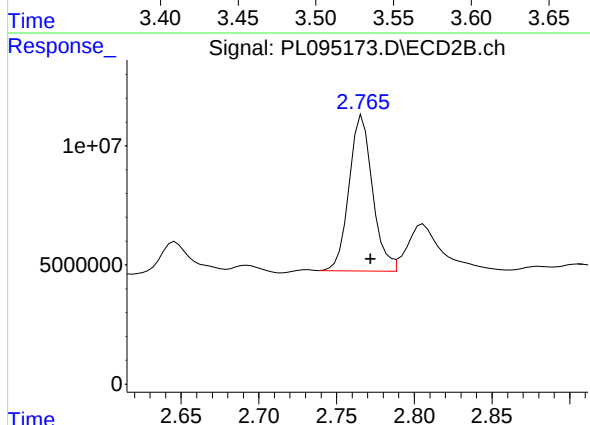
#1 Tetrachloro-m-xylene

R.T.: 3.532 min
Delta R.T.: -0.006 min
Response: 48453526
Conc: 17.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-15MS

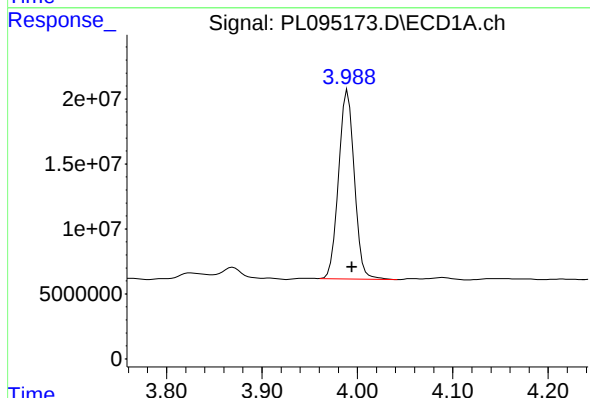
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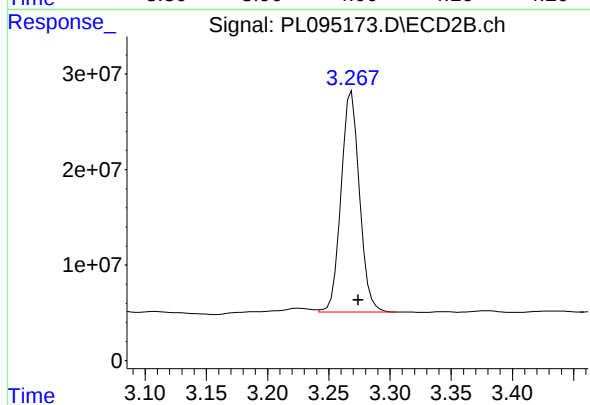
#1 Tetrachloro-m-xylene

R.T.: 2.765 min
Delta R.T.: -0.007 min
Response: 68030236
Conc: 19.06 ng/ml



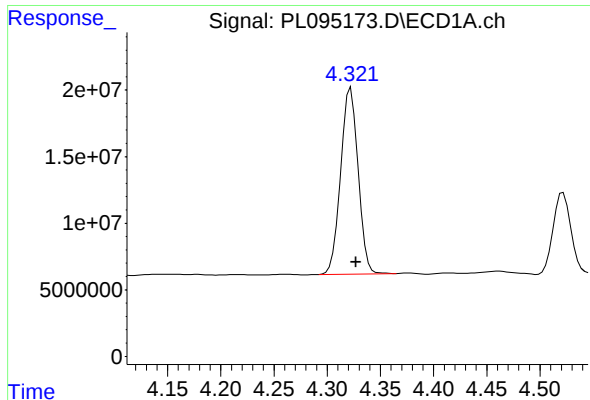
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.005 min
Response: 166308389
Conc: 40.05 ng/ml



#2 alpha-BHC

R.T.: 3.267 min
Delta R.T.: -0.007 min
Response: 241497389
Conc: 44.79 ng/ml



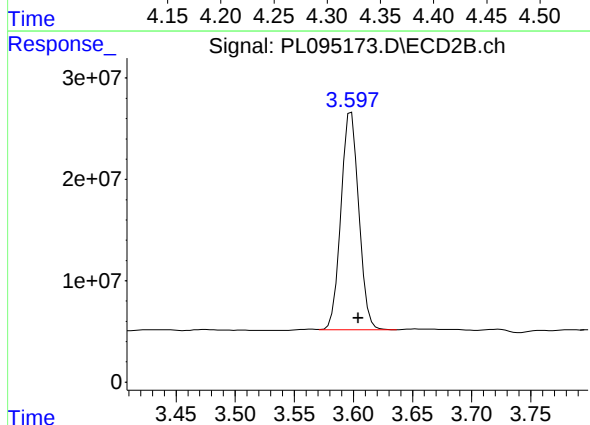
#3 gamma-BHC (Lindane)

R.T.: 4.322 min
Delta R.T.: -0.005 min
Response: 159045025
Conc: 39.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-15MS

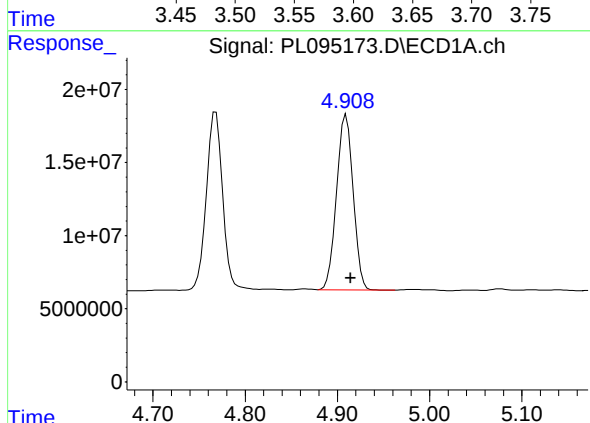
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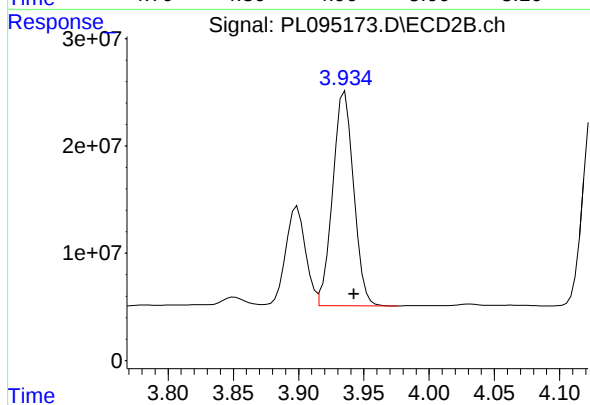
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: -0.007 min
Response: 225454710
Conc: 43.87 ng/ml



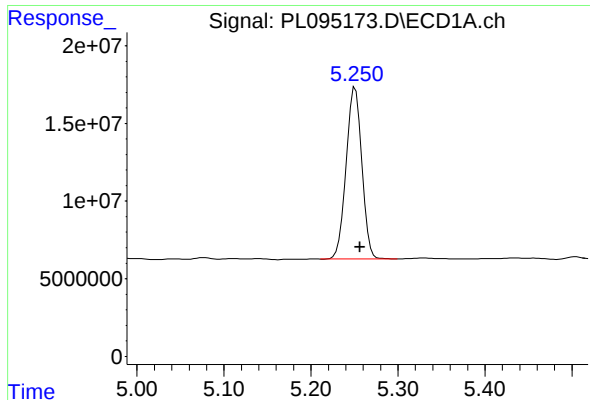
#4 Heptachlor

R.T.: 4.910 min
Delta R.T.: -0.005 min
Response: 149504231
Conc: 38.52 ng/ml



#4 Heptachlor

R.T.: 3.935 min
Delta R.T.: -0.007 min
Response: 222816278
Conc: 42.29 ng/ml



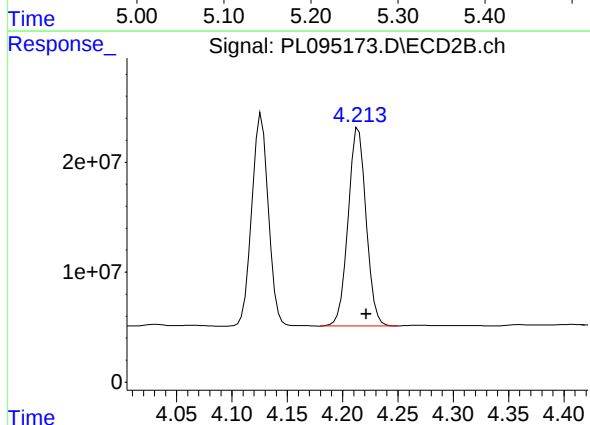
#5 Aldrin

R.T.: 5.251 min
Delta R.T.: -0.005 min
Response: 139735179
Conc: 37.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-15MS

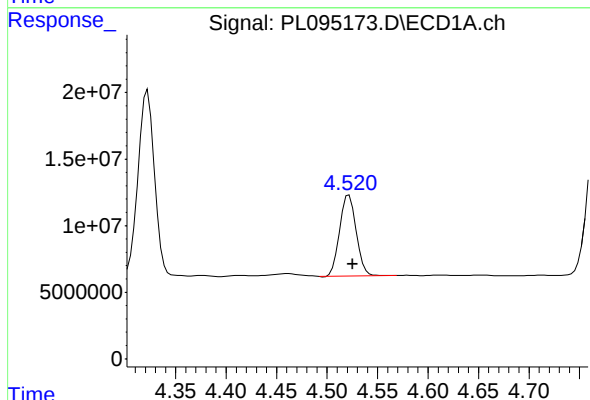
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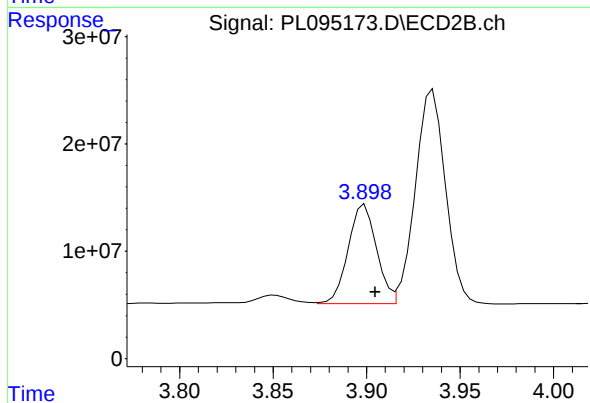
#5 Aldrin

R.T.: 4.214 min
Delta R.T.: -0.007 min
Response: 204241949
Conc: 41.88 ng/ml



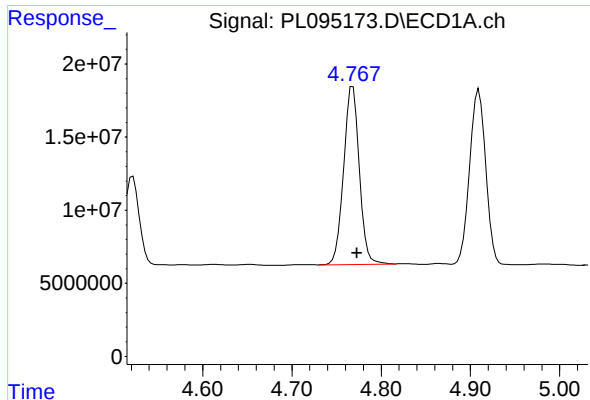
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: -0.004 min
Response: 69647789
Conc: 37.75 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: -0.006 min
Response: 97858178
Conc: 44.05 ng/ml



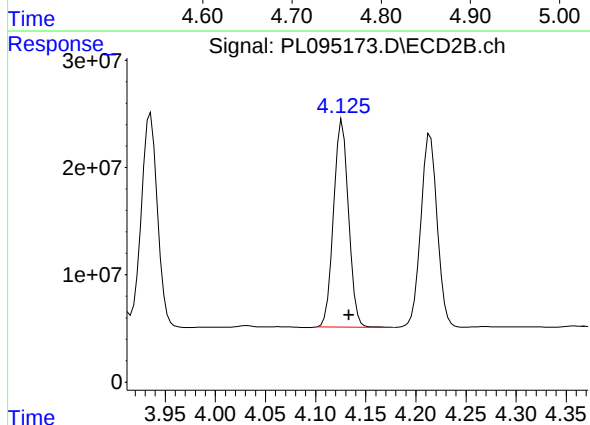
#7 delta-BHC

R.T.: 4.767 min
Delta R.T.: -0.006 min
Response: 149096361
Conc: 38.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-15MS

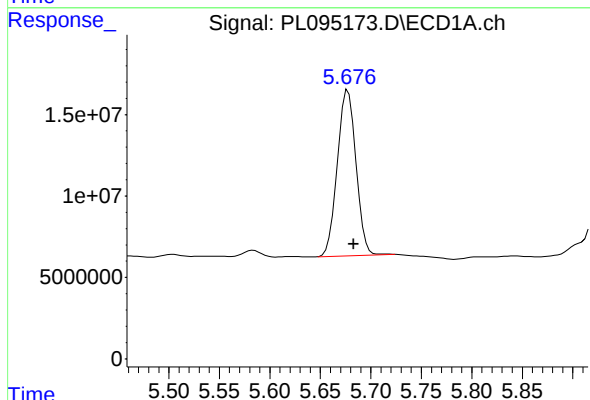
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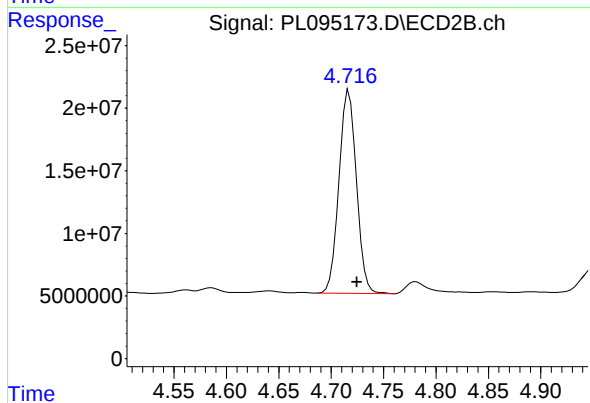
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: -0.007 min
Response: 199956020
Conc: 39.98 ng/ml



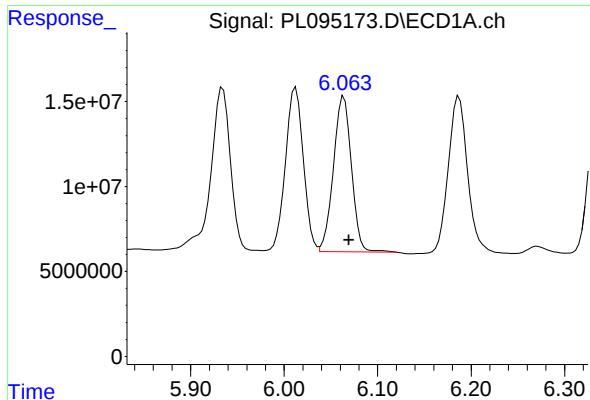
#8 Heptachlor epoxide

R.T.: 5.677 min
Delta R.T.: -0.006 min
Response: 131945754
Conc: 39.44 ng/ml



#8 Heptachlor epoxide

R.T.: 4.717 min
Delta R.T.: -0.008 min
Response: 188299697
Conc: 41.13 ng/ml



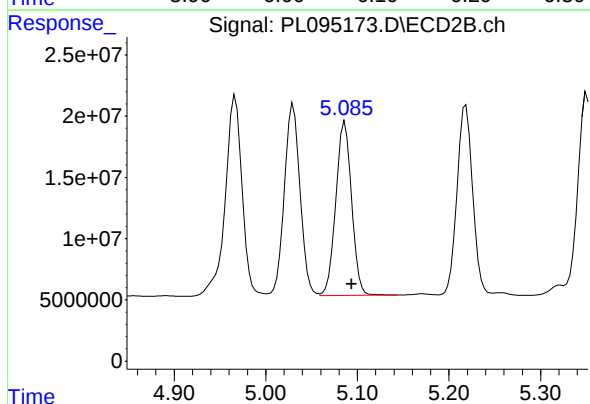
#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: -0.005 min
Response: 122050410
Conc: 39.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-15MS

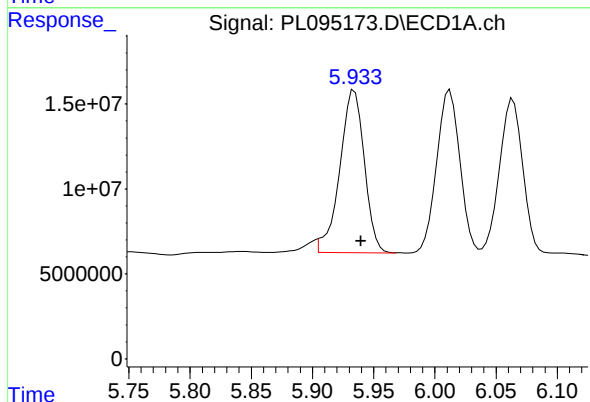
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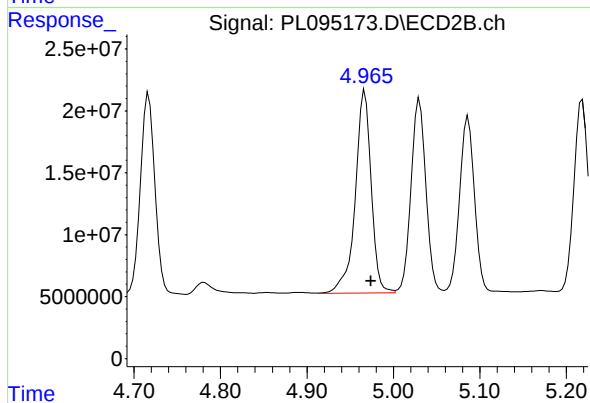
#9 Endosulfan I

R.T.: 5.086 min
Delta R.T.: -0.008 min
Response: 170581187
Conc: 38.87 ng/ml



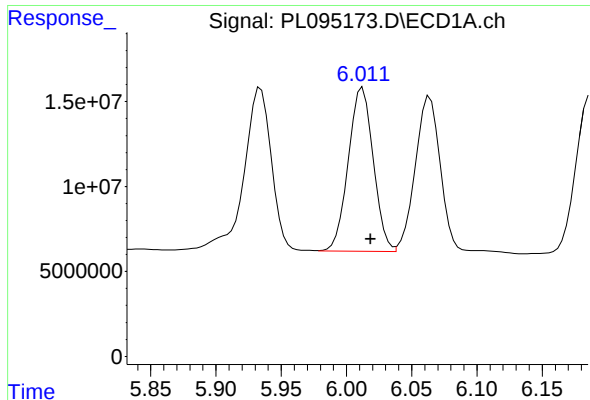
#10 gamma-Chlordane

R.T.: 5.933 min
Delta R.T.: -0.007 min
Response: 132946135
Conc: 39.46 ng/ml m



#10 gamma-Chlordane

R.T.: 4.967 min
Delta R.T.: -0.007 min
Response: 209336494
Conc: 43.36 ng/ml



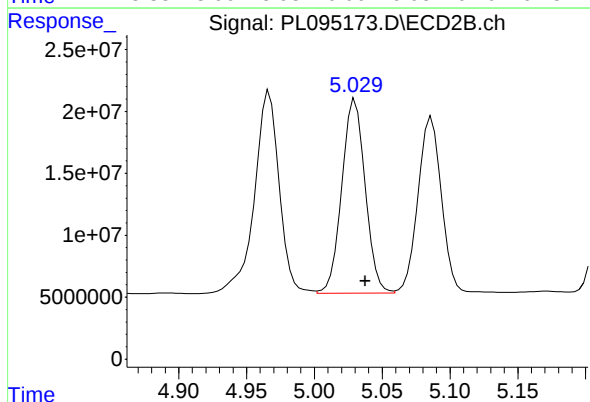
#11 alpha-Chlordane

R.T.: 6.012 min
Delta R.T.: -0.006 min
Response: 128313007
Conc: 38.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-15MS

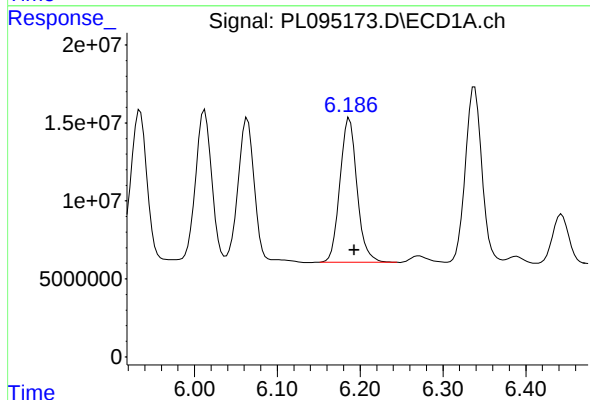
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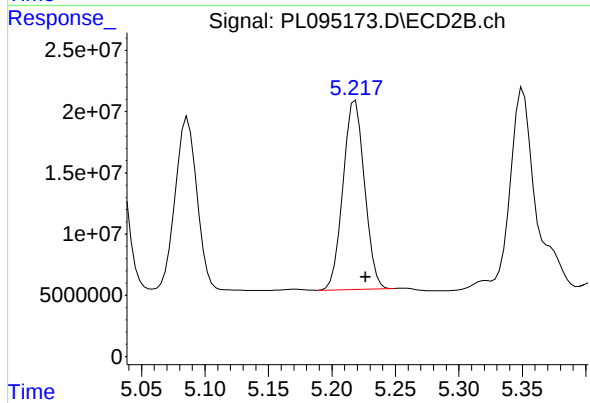
#11 alpha-Chlordane

R.T.: 5.030 min
Delta R.T.: -0.008 min
Response: 187512143
Conc: 39.29 ng/ml



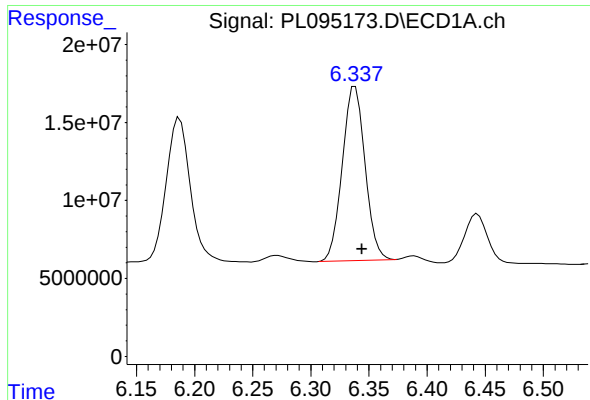
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.006 min
Response: 132847775
Conc: 45.15 ng/ml



#12 4,4'-DDE

R.T.: 5.218 min
Delta R.T.: -0.008 min
Response: 181671439
Conc: 39.08 ng/ml



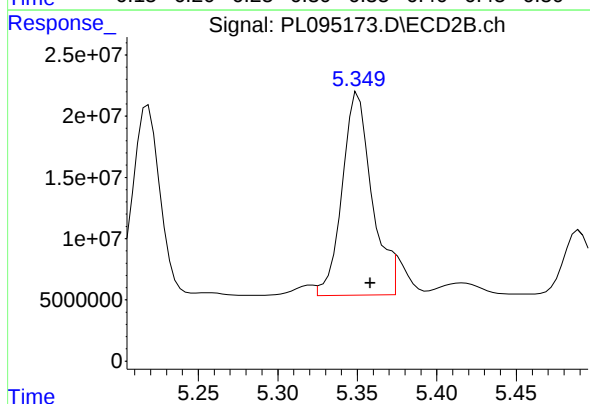
#13 Dieldrin

R.T.: 6.338 min
Delta R.T.: -0.006 min
Response: 151866248
Conc: 47.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-15MS

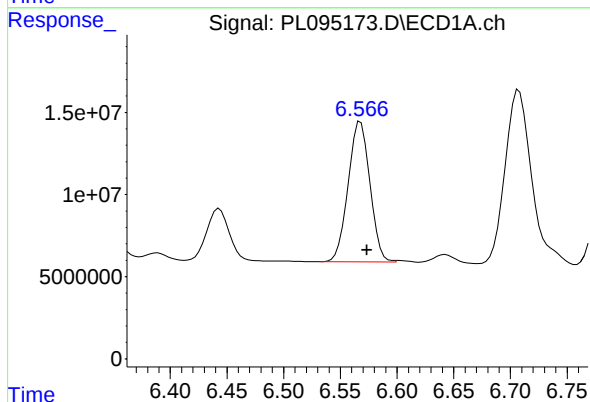
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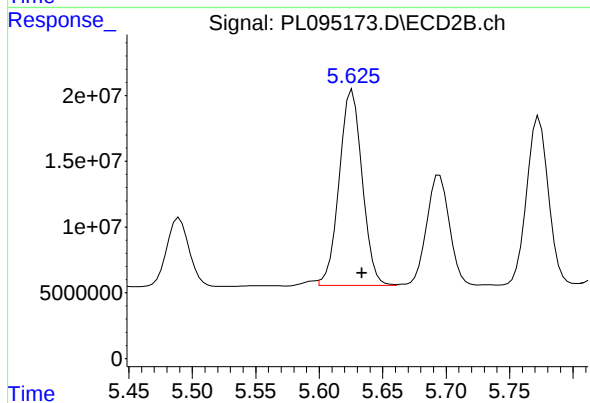
#13 Dieldrin

R.T.: 5.349 min
Delta R.T.: -0.009 min
Response: 215198177
Conc: 44.35 ng/ml



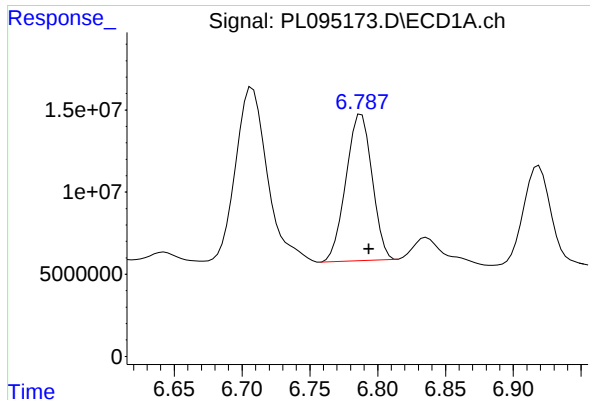
#14 Endrin

R.T.: 6.566 min
Delta R.T.: -0.007 min
Response: 114145376
Conc: 41.18 ng/ml



#14 Endrin

R.T.: 5.625 min
Delta R.T.: -0.009 min
Response: 186806125
Conc: 42.81 ng/ml



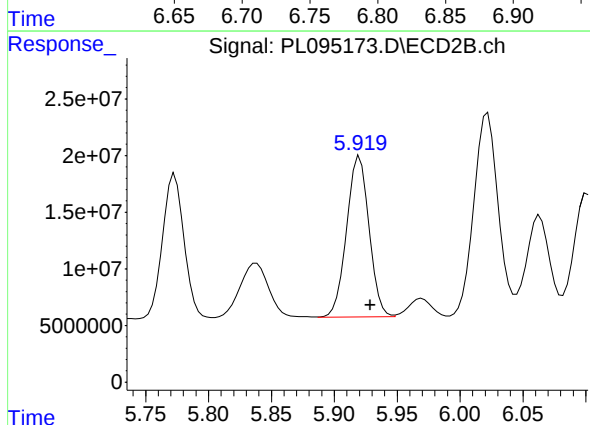
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: -0.006 min
Response: 119360278
Conc: 43.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-15MS

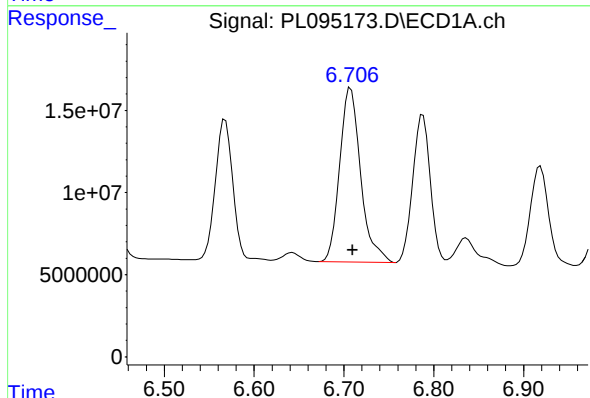
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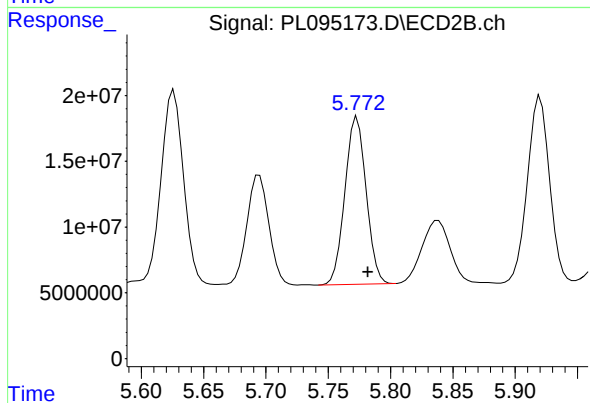
#15 Endosulfan II

R.T.: 5.919 min
Delta R.T.: -0.010 min
Response: 175784449
Conc: 40.61 ng/ml m



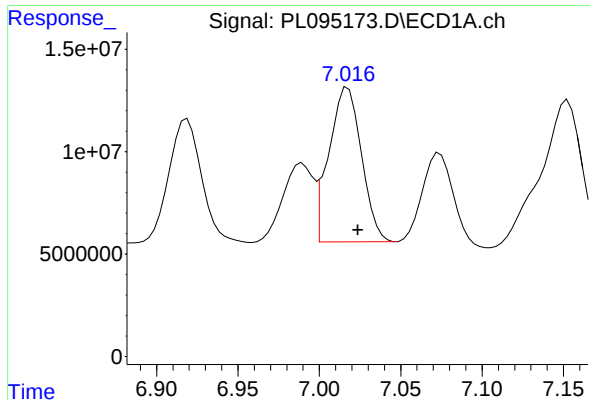
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 172359784
Conc: 79.57 ng/ml



#16 4,4'-DDD

R.T.: 5.773 min
Delta R.T.: -0.009 min
Response: 150799713
Conc: 41.94 ng/ml



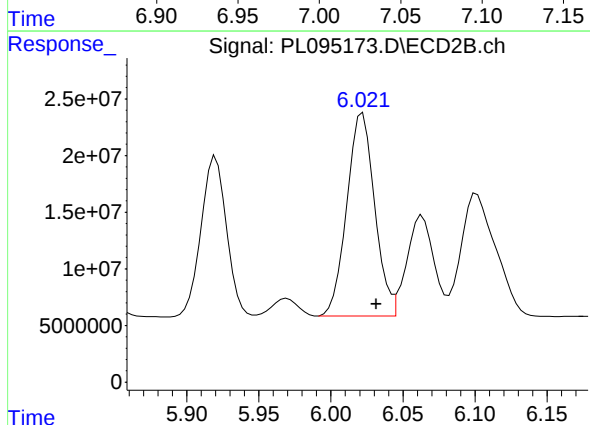
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.006 min
Response: 105166284
Conc: 44.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-15MS

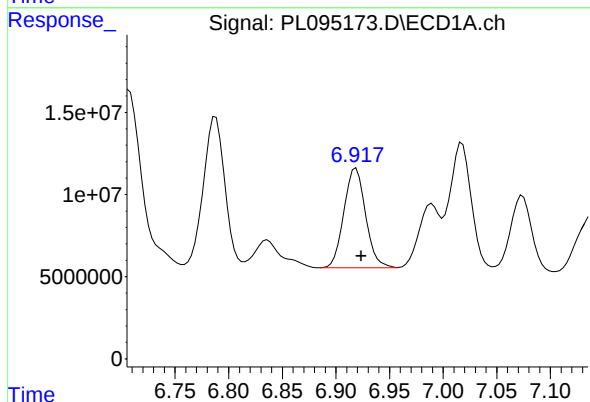
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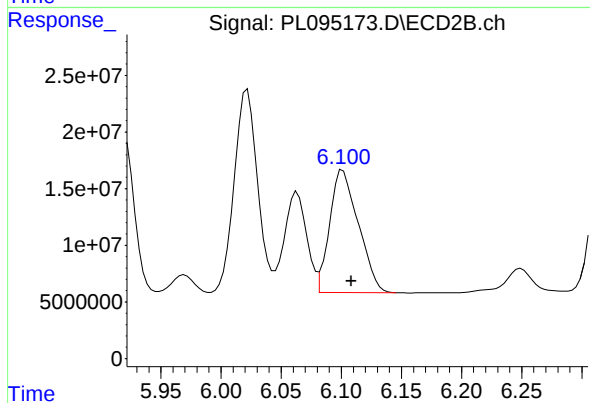
#17 4,4'-DDT

R.T.: 6.022 min
Delta R.T.: -0.010 min
Response: 240369624
Conc: 59.61 ng/ml



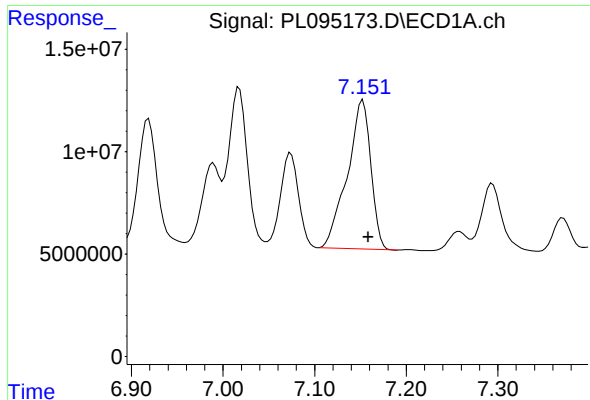
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: -0.006 min
Response: 85290201
Conc: 40.40 ng/ml m



#18 Endrin aldehyde

R.T.: 6.101 min
Delta R.T.: -0.007 min
Response: 180093475
Conc: 53.51 ng/ml



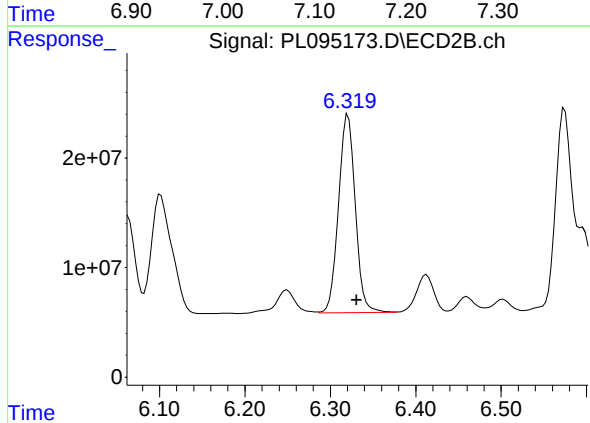
#19 Endosulfan Sulfate

R.T.: 7.153 min
Delta R.T.: -0.006 min
Response: 129673756
Conc: 53.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-15MS

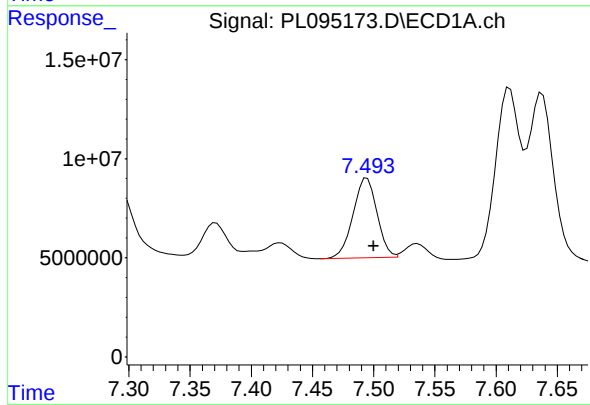
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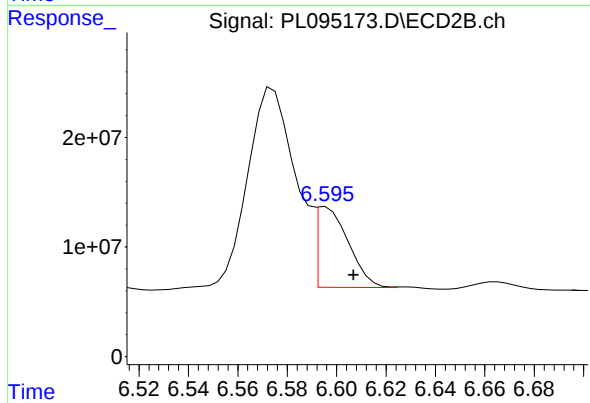
#19 Endosulfan Sulfate

R.T.: 6.321 min
Delta R.T.: -0.010 min
Response: 245467960
Conc: 60.26 ng/ml



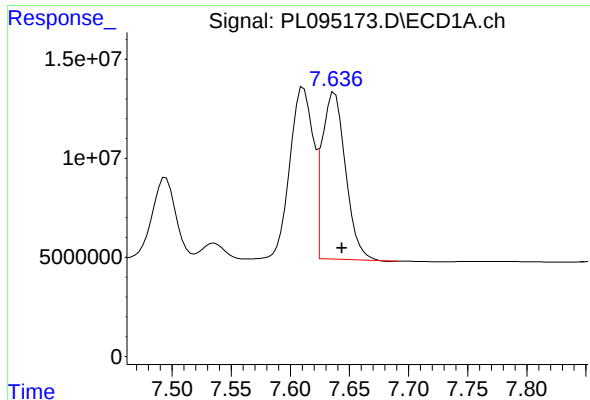
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: -0.005 min
Response: 54780232
Conc: 45.76 ng/ml



#20 Methoxychlor

R.T.: 6.595 min
Delta R.T.: -0.012 min
Response: 59859314
Conc: 28.22 ng/ml m



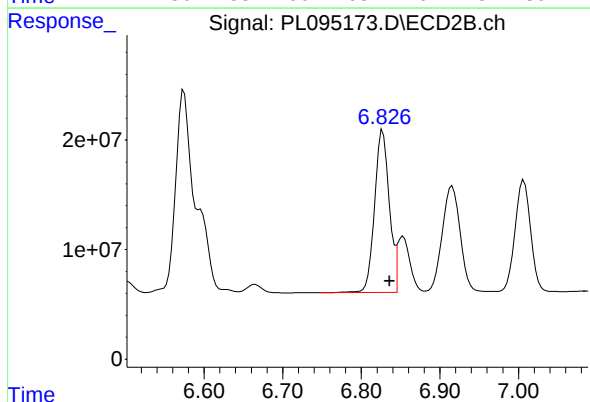
#21 Endrin ketone

R.T.: 7.638 min
Delta R.T.: -0.006 min
Response: 116556439
Conc: 44.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-15MS

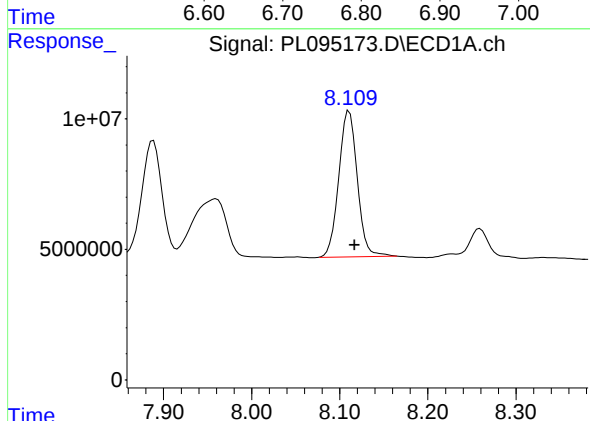
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



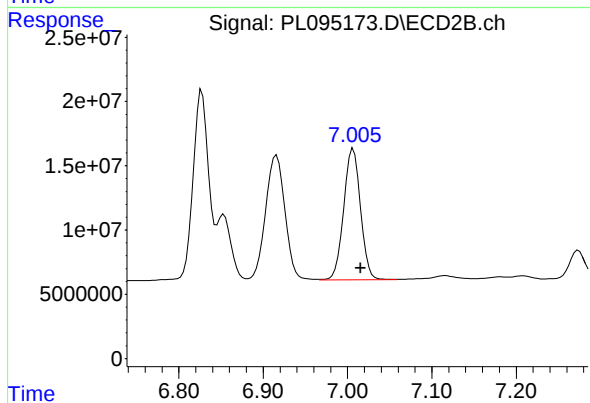
#21 Endrin ketone

R.T.: 6.827 min
Delta R.T.: -0.008 min
Response: 191451789
Conc: 40.11 ng/ml



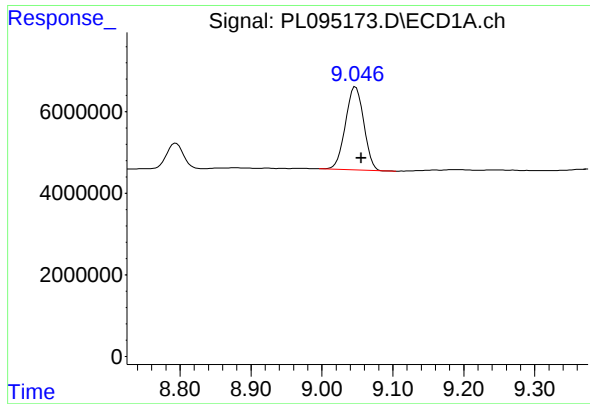
#22 Mirex

R.T.: 8.111 min
Delta R.T.: -0.006 min
Response: 81850193
Conc: 39.61 ng/ml



#22 Mirex

R.T.: 7.007 min
Delta R.T.: -0.009 min
Response: 140936887
Conc: 37.13 ng/ml



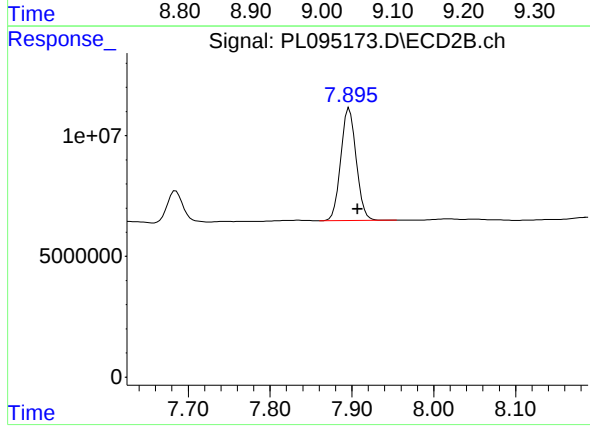
#28 Decachlorobiphenyl

R.T.: 9.047 min
Delta R.T.: -0.008 min
Response: 36368808
Conc: 17.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-15MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



#28 Decachlorobiphenyl

R.T.: 7.897 min
Delta R.T.: -0.010 min
Response: 61481306
Conc: 15.22 ng/ml