

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101325\
 Data File : PL097632.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Oct 2025 17:34
 Operator : AR\AJ
 Sample : PB170065BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB170065BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/14/2025
 Supervised By :mohammad ahmed 10/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 03:14:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 16:47:00 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...	3.525	2.823	56002502	82038282	13.737	13.479
28)	SA Decachlor...	8.997	7.982	73951677	111.0E6	24.869	21.399
Target Compounds							
2)	A alpha-BHC	3.972	3.328	340.8E6	492.9E6	50.518	49.959
3)	MA gamma-BHC...	4.300	3.659	318.7E6	452.0E6	50.144	49.199
4)	MA Heptachlor	4.890	4.006	275.7E6	391.2E6	42.741	42.560
5)	MB Aldrin	5.229	4.289	295.8E6	424.2E6	49.192	48.914
6)	B beta-BHC	4.488	3.955	131.6E6	190.2E6	50.912	47.820
7)	B delta-BHC	4.733	4.188	305.3E6	445.1E6	50.275	49.269
8)	B Heptachlo...	5.649	4.790	280.8E6	380.1E6	48.222	48.131
9)	A Endosulfan I	6.030	5.161	246.9E6	347.9E6	49.661	47.172
10)	B gamma-Chl...	5.901	5.042	268.4E6	413.4E6	49.461m	47.558
11)	B alpha-Chl...	5.982	5.106	268.1E6	393.8E6	49.402	47.295
12)	B 4,4'-DDE	6.153	5.294	236.4E6	365.1E6	50.755	48.085
13)	MA Dieldrin	6.302	5.425	258.8E6	391.7E6	49.196	47.372
14)	MA Endrin	6.529	5.701	202.7E6	357.1E6	45.293	48.241
15)	B Endosulfa...	6.742	5.992	221.9E6	322.5E6	45.362	46.701
16)	A 4,4'-DDD	6.662	5.847	208.0E6	309.6E6	55.134	48.531
17)	MA 4,4'-DDT	6.976	6.099	162.2E6	249.9E6	39.997	37.497
18)	B Endrin al...	6.871	6.170	164.3E6	240.1E6	50.139	41.698
19)	B Endosulfa...	7.105	6.393	193.3E6	302.4E6	48.194	45.426
20)	A Methoxychlor	7.449	6.671	77162136	127.6E6	36.937	35.012
21)	B Endrin ke...	7.584	6.898	212.9E6	339.8E6	49.720	43.009
22)	Mirex	8.062	7.087	141.3E6	229.9E6	45.460	42.972

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101325\
Data File : PL097632.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Oct 2025 17:34
Operator : AR\AJ
Sample : PB170065BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

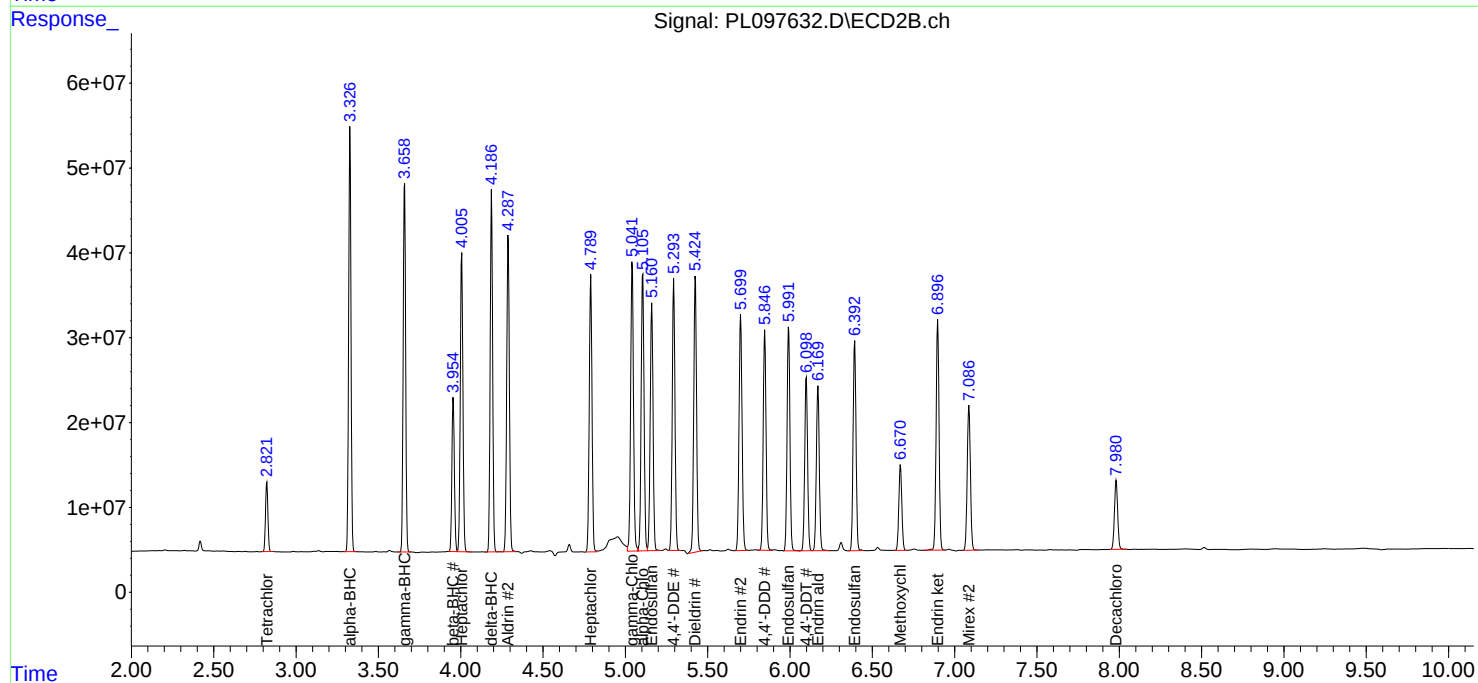
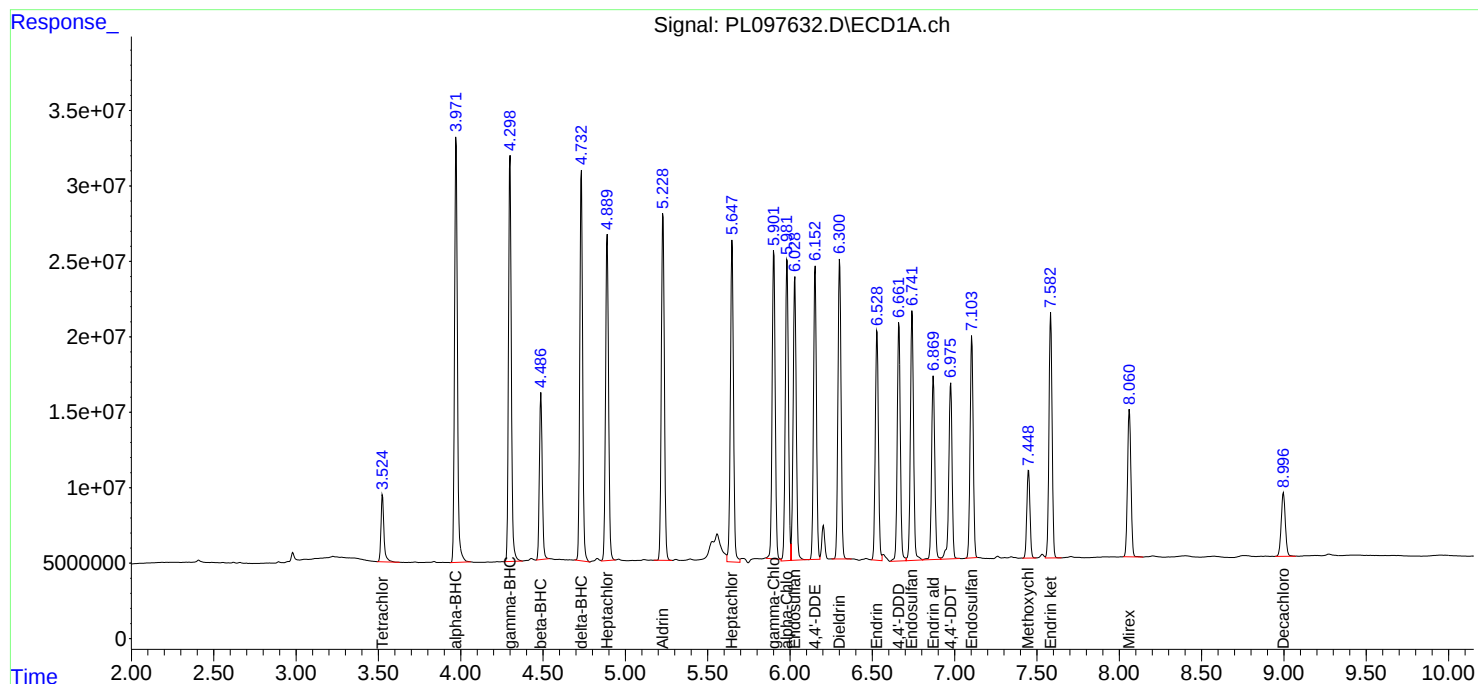
Instrument :
ECD_L
ClientSampleId :
PB170065BS

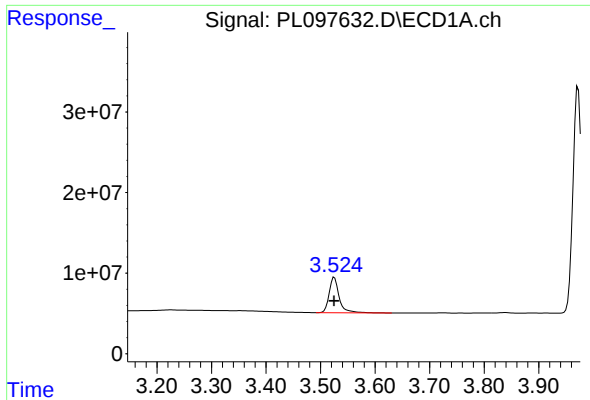
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 03:14:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
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QLast Update : Tue Oct 07 16:47:00 2025
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





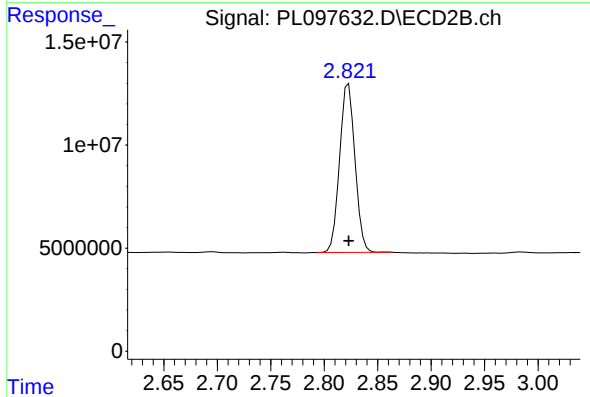
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: 0.000 min
Response: 56002502
Conc: 13.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170065BS

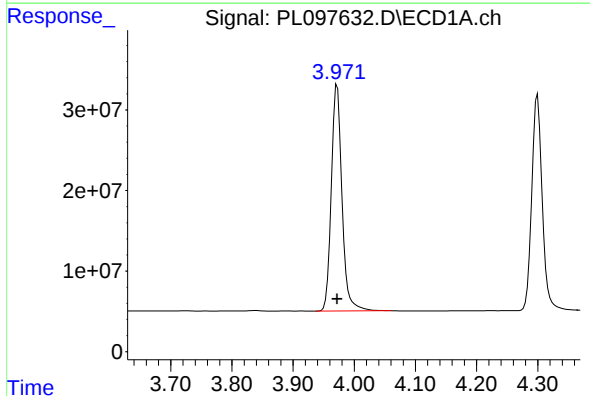
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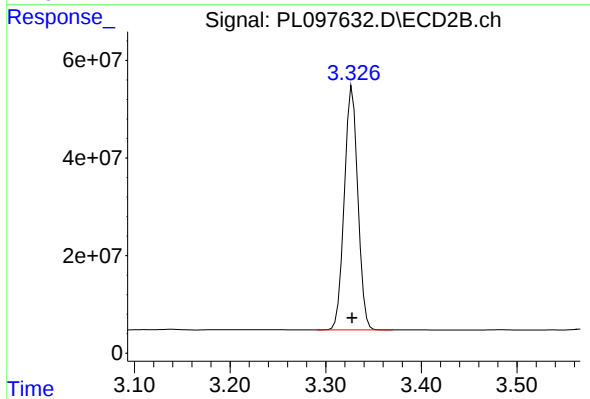
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 82038282
Conc: 13.48 ng/ml



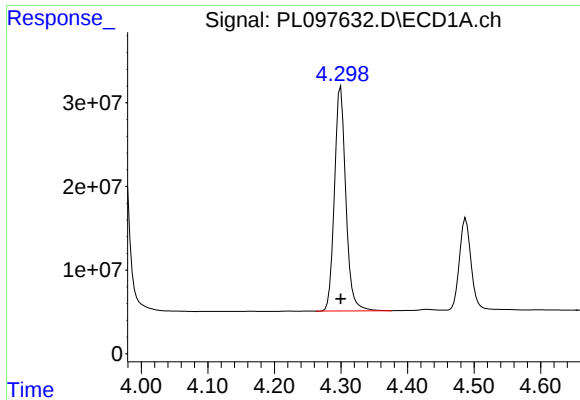
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: 0.000 min
Response: 340776902
Conc: 50.52 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 492943352
Conc: 49.96 ng/ml



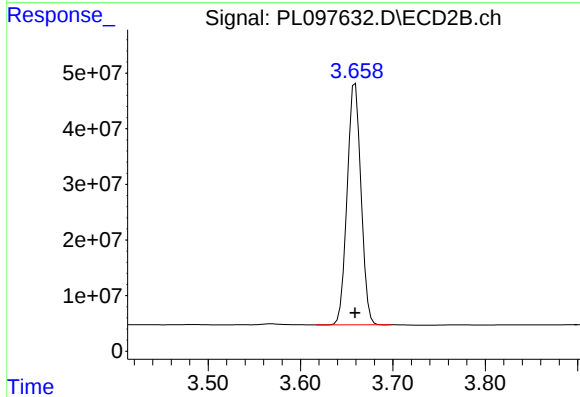
#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 318730502
Conc: 50.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170065BS

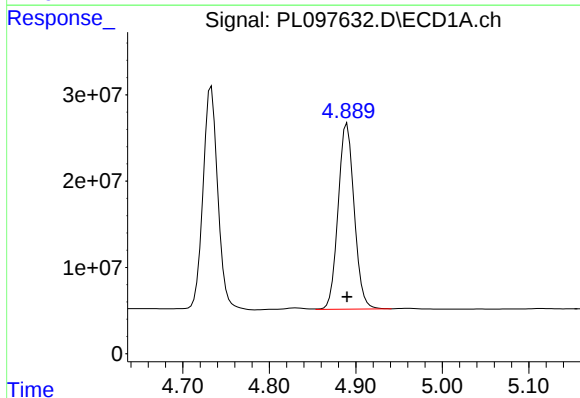
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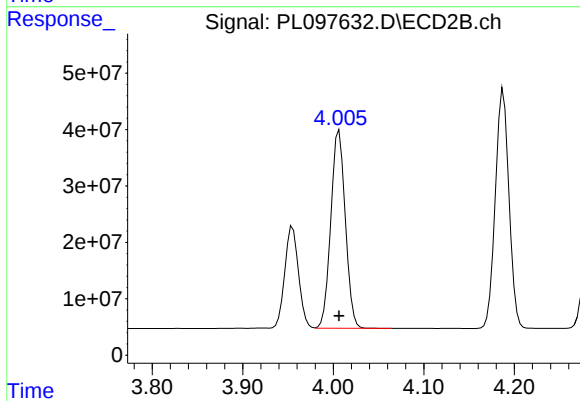
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 451999692
Conc: 49.20 ng/ml



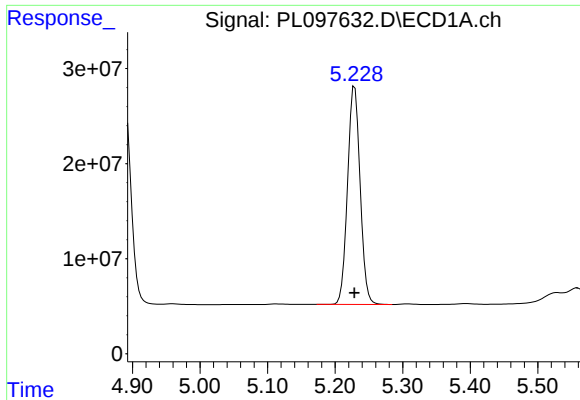
#4 Heptachlor

R.T.: 4.890 min
Delta R.T.: 0.000 min
Response: 275709797
Conc: 42.74 ng/ml



#4 Heptachlor

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 391219900
Conc: 42.56 ng/ml



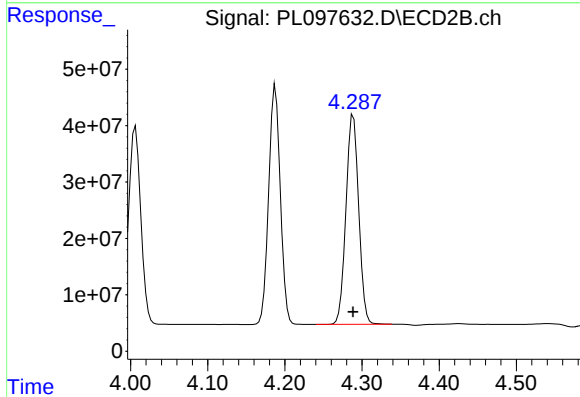
#5 Aldrin

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 295776219
Conc: 49.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170065BS

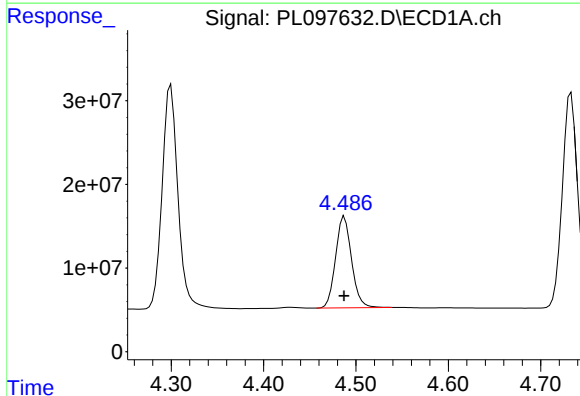
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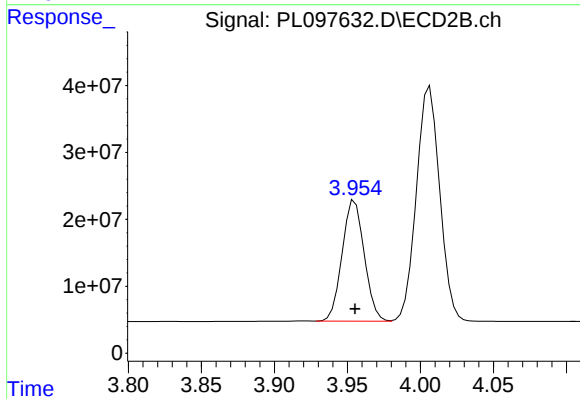
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: 0.000 min
Response: 424175499
Conc: 48.91 ng/ml



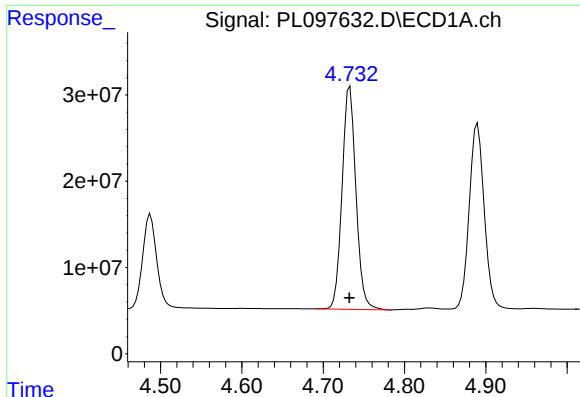
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: 0.000 min
Response: 131631516
Conc: 50.91 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 190235823
Conc: 47.82 ng/ml



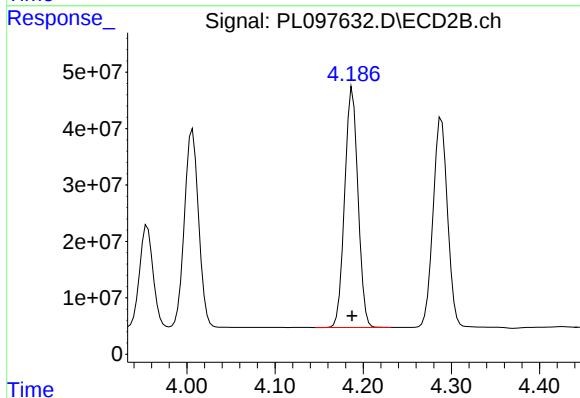
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: 0.000 min
Response: 305303196
Conc: 50.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170065BS

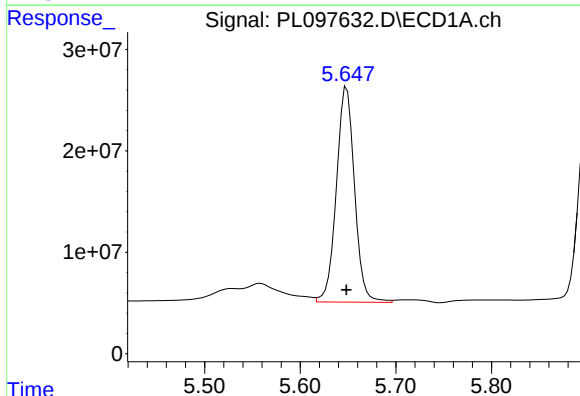
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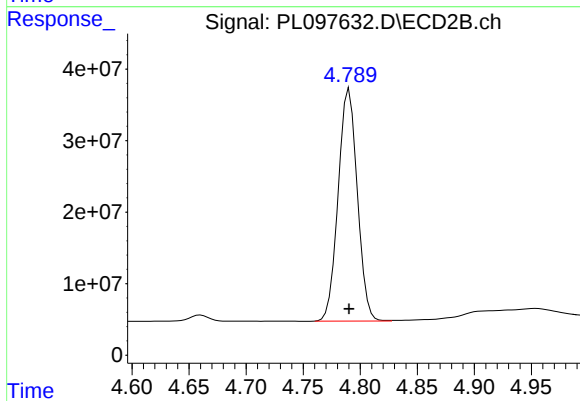
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: 0.000 min
Response: 445091789
Conc: 49.27 ng/ml



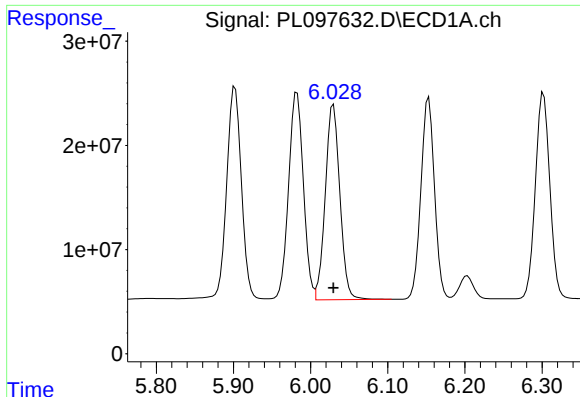
#8 Heptachlor epoxide

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 280761592
Conc: 48.22 ng/ml



#8 Heptachlor epoxide

R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 380136397
Conc: 48.13 ng/ml



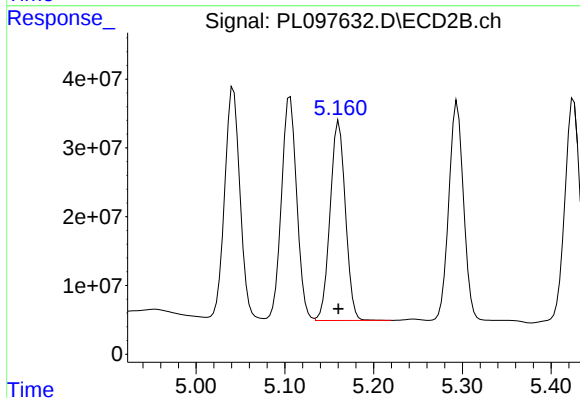
#9 Endosulfan I

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 246888272
Conc: 49.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170065BS

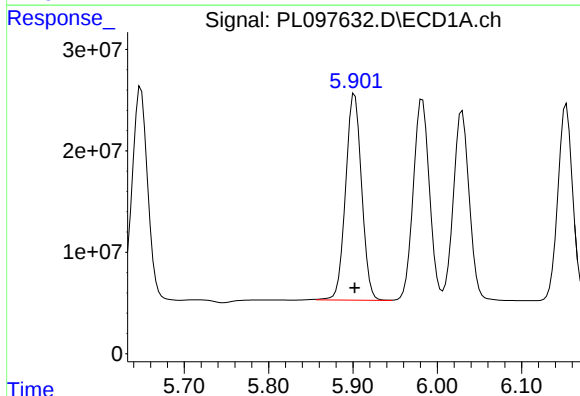
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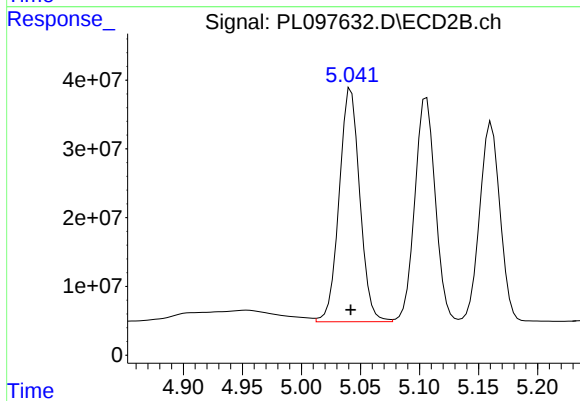
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 347863925
Conc: 47.17 ng/ml



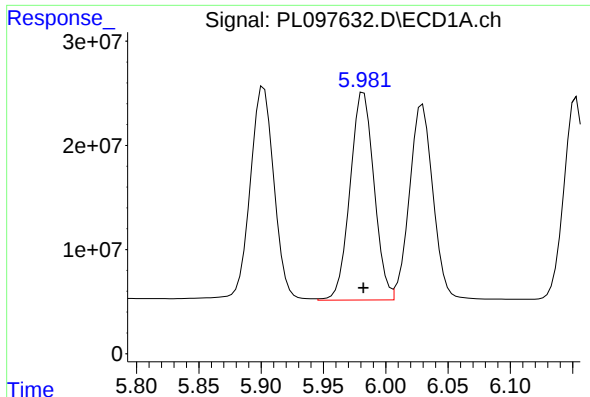
#10 gamma-Chlordane

R.T.: 5.901 min
Delta R.T.: -0.001 min
Response: 268443670
Conc: 49.46 ng/ml m



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: 0.000 min
Response: 413431414
Conc: 47.56 ng/ml



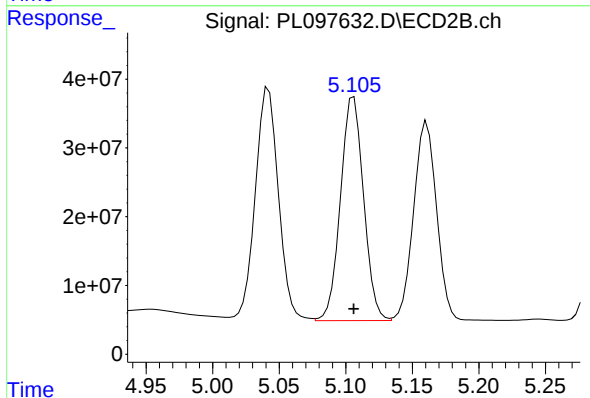
#11 alpha-Chlordane

R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 268076328
Conc: 49.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170065BS

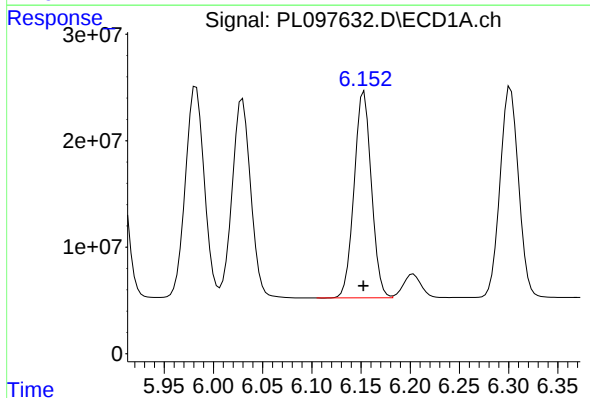
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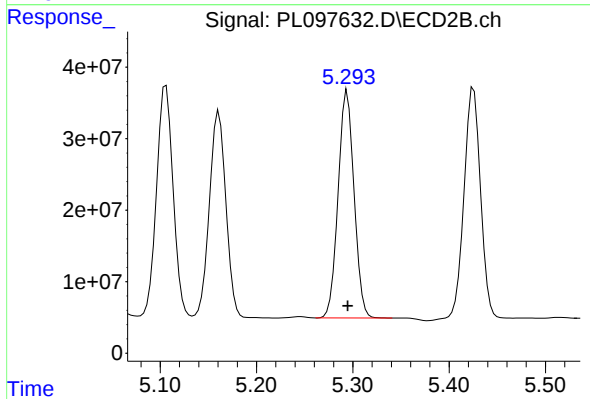
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: 0.000 min
Response: 393837261
Conc: 47.30 ng/ml



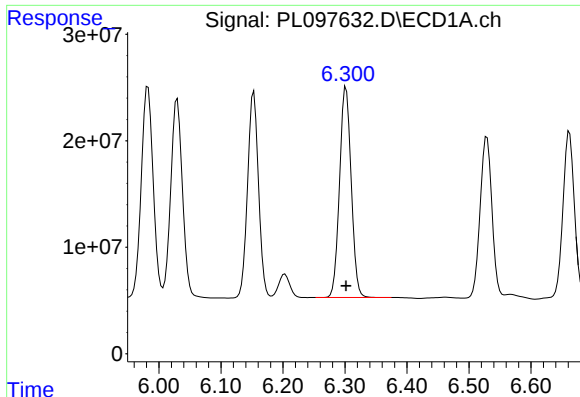
#12 4,4'-DDE

R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 236377322
Conc: 50.76 ng/ml



#12 4,4'-DDE

R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 365085321
Conc: 48.09 ng/ml



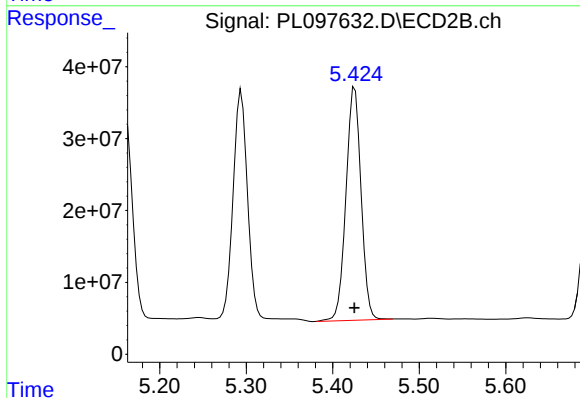
#13 Dieldrin

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 258793340
Conc: 49.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170065BS

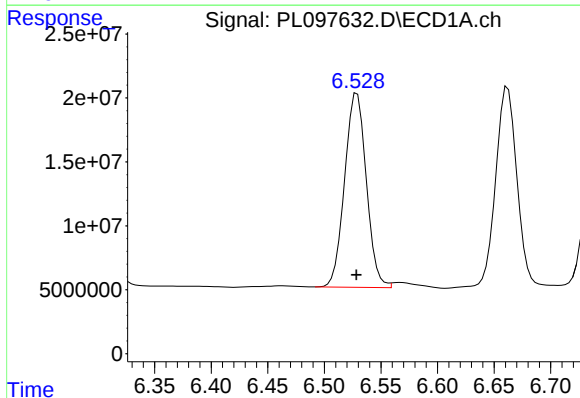
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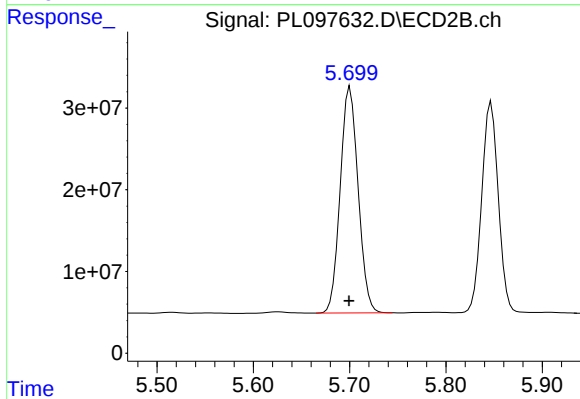
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: 0.000 min
Response: 391685175
Conc: 47.37 ng/ml



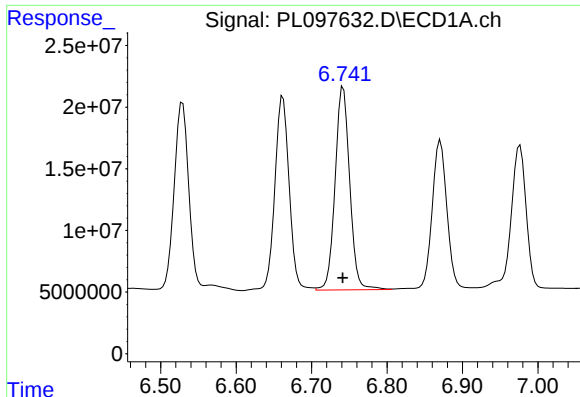
#14 Endrin

R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 202653865
Conc: 45.29 ng/ml



#14 Endrin

R.T.: 5.701 min
Delta R.T.: 0.001 min
Response: 357056461
Conc: 48.24 ng/ml



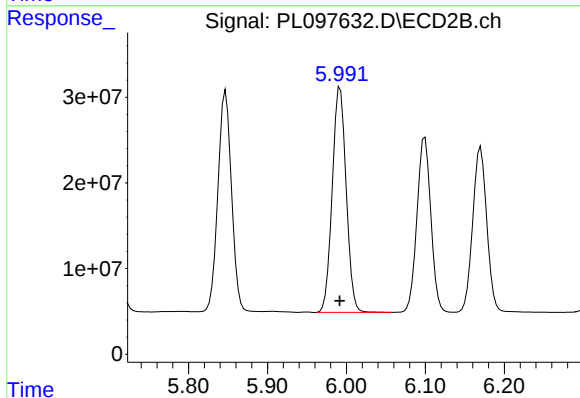
#15 Endosulfan II

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 221915512
Conc: 45.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170065BS

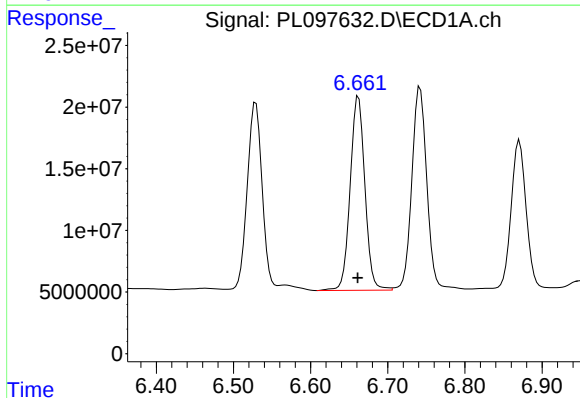
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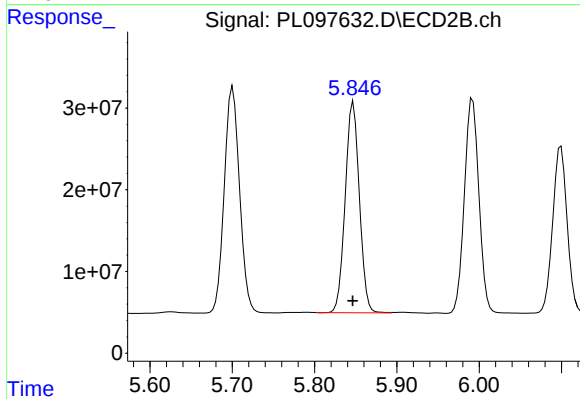
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 322466901
Conc: 46.70 ng/ml



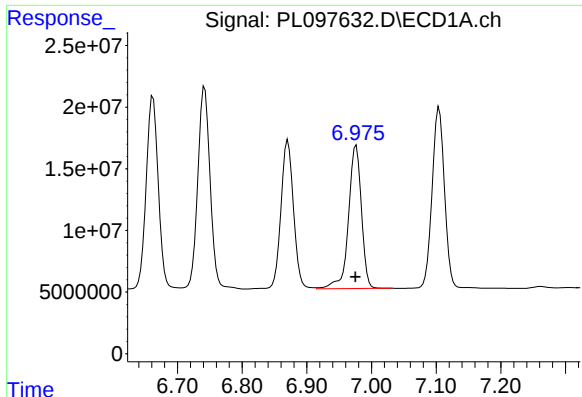
#16 4,4'-DDD

R.T.: 6.662 min
Delta R.T.: 0.000 min
Response: 208049705
Conc: 55.13 ng/ml



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 309574404
Conc: 48.53 ng/ml



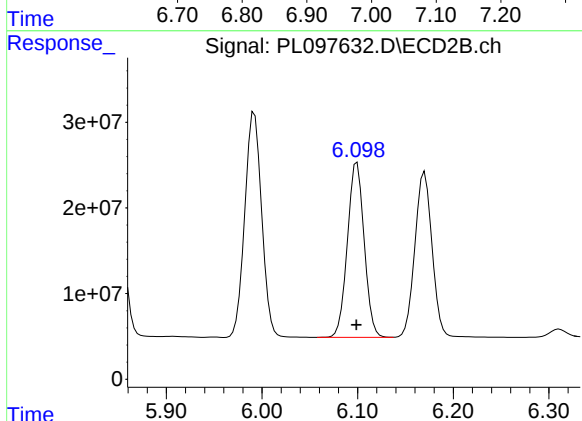
#17 4,4'-DDT

R.T.: 6.976 min
Delta R.T.: 0.001 min
Response: 162174598
Conc: 40.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170065BS

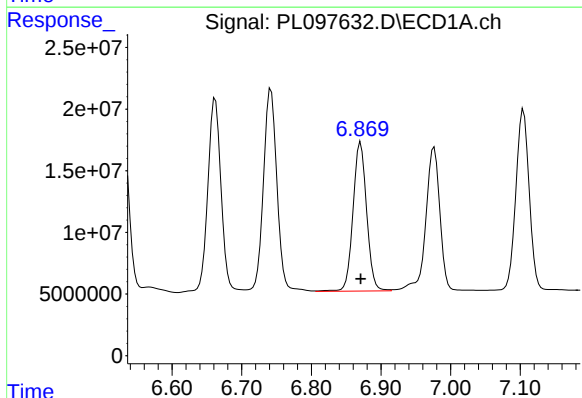
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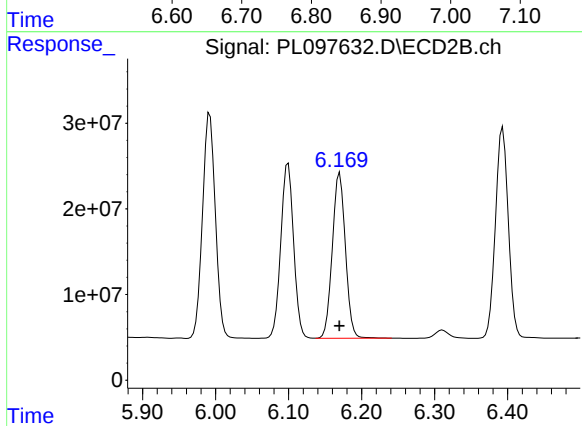
#17 4,4'-DDT

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 249856483
Conc: 37.50 ng/ml



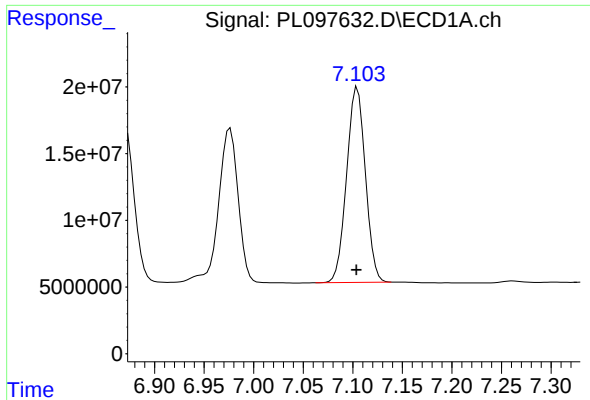
#18 Endrin aldehyde

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 164289776
Conc: 50.14 ng/ml



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 240116467
Conc: 41.70 ng/ml



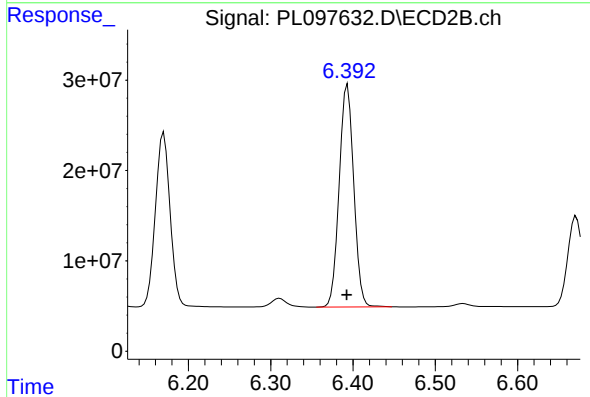
#19 Endosulfan Sulfate

R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 193254141
Conc: 48.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170065BS

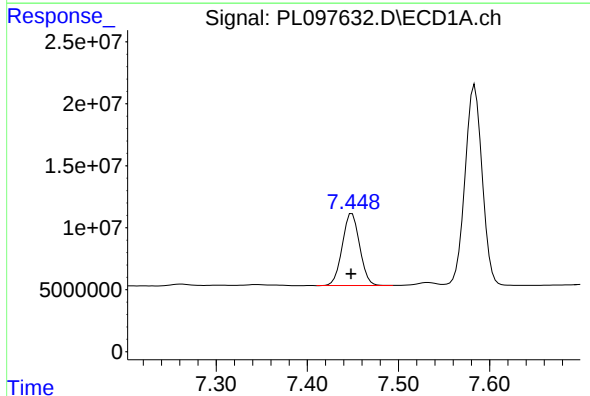
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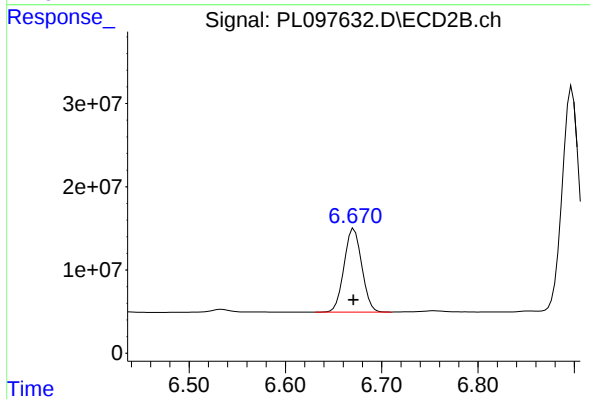
#19 Endosulfan Sulfate

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 302440175
Conc: 45.43 ng/ml



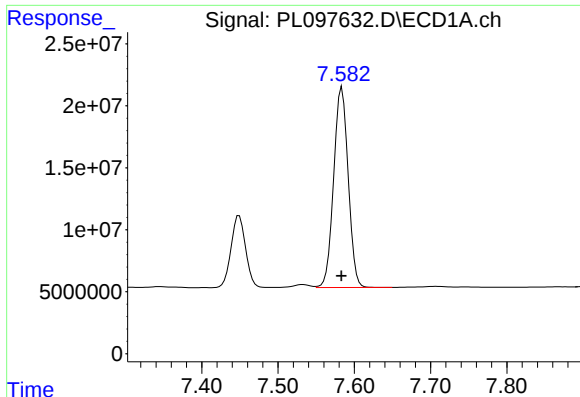
#20 Methoxychlor

R.T.: 7.449 min
Delta R.T.: 0.000 min
Response: 77162136
Conc: 36.94 ng/ml



#20 Methoxychlor

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 127625652
Conc: 35.01 ng/ml



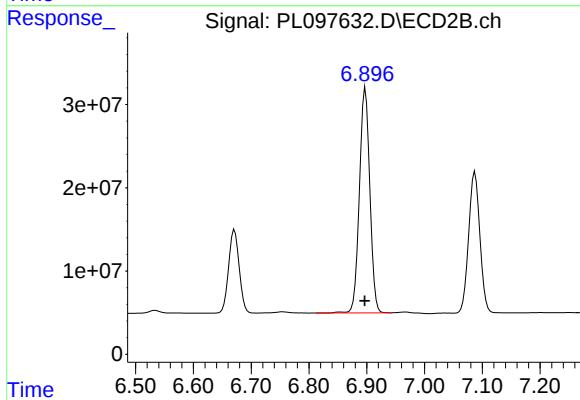
#21 Endrin ketone

R.T.: 7.584 min
Delta R.T.: 0.000 min
Response: 212888747
Conc: 49.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170065BS

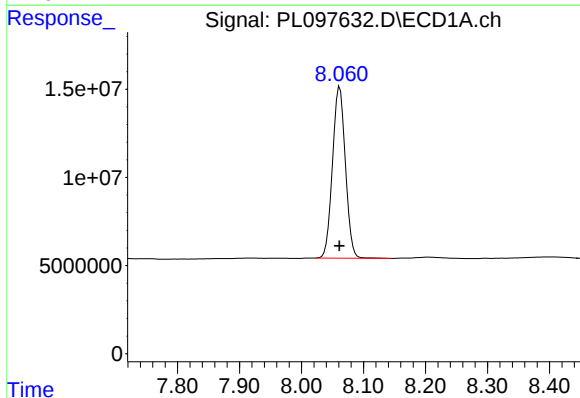
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2025
Supervised By :mohammad ahmed 10/15/2025



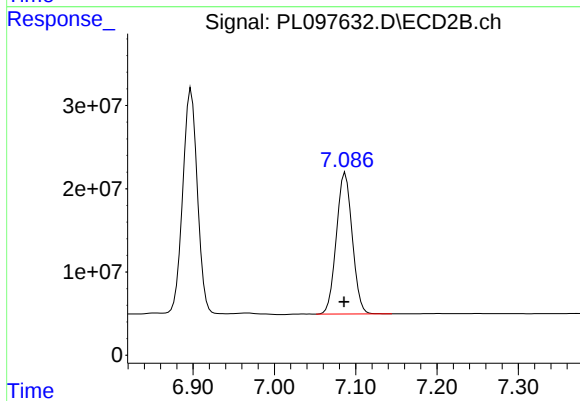
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: 0.001 min
Response: 339765663
Conc: 43.01 ng/ml



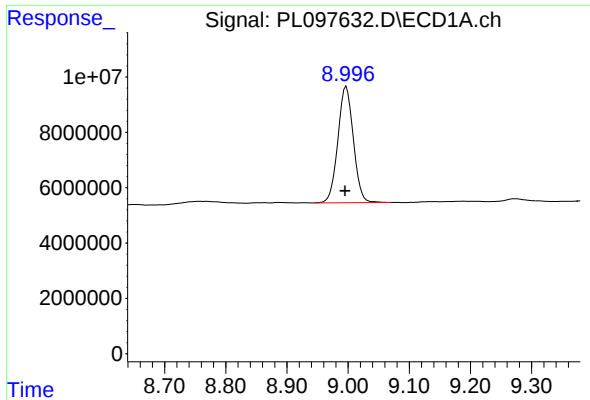
#22 Mirex

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 141263995
Conc: 45.46 ng/ml



#22 Mirex

R.T.: 7.087 min
Delta R.T.: 0.002 min
Response: 229893295
Conc: 42.97 ng/ml



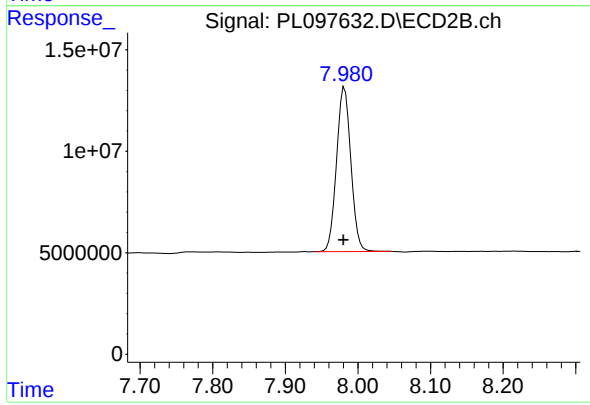
#28 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: 0.002 min
Response: 73951677
Conc: 24.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170065BS

Manual Integrations
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Supervised By :mohammad ahmed 10/15/2025



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: 0.001 min
Response: 111039202
Conc: 21.40 ng/ml