

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030625\
 Data File : PL094529.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2025 12:28
 Operator : AR\AJ
 Sample : PB167011BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167011BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/07/2025
 Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 00:05:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 21 14:52:19 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...	3.542	2.771	51553068	60238240	20.304	18.877
28) SA Decachlor...	9.061	7.909	42787137	66596752	20.114	17.317
Target Compounds						
2) A alpha-BHC	3.998	3.274	180.0E6	231.7E6	47.574	47.148
3) MA gamma-BHC...	4.331	3.604	172.5E6	218.7E6	46.685	46.444
4) MA Heptachlor	4.919	3.942	168.7E6	226.4E6	49.747	47.965
5) MB Aldrin	5.261	4.221	161.2E6	213.2E6	46.959	46.152
6) B beta-BHC	4.530	3.905	76315801	94625813	47.790	47.576
7) B delta-BHC	4.775	4.133	171.2E6	215.0E6	48.373m	45.397
8) B Heptachlo...	5.688	4.724	147.0E6	202.7E6	48.775	47.640
9) A Endosulfan I	6.074	5.094	134.7E6	194.5E6	49.017	48.781
10) B gamma-Chl...	5.944	4.974	147.4E6	208.4E6	50.218	48.035
11) B alpha-Chl...	6.023	5.038	145.6E6	206.9E6	50.267	47.923
12) B 4,4'-DDE	6.197	5.227	136.2E6	205.7E6	52.165	48.969
13) MA Dieldrin	6.348	5.359	142.8E6	214.4E6	50.113	48.931
14) MA Endrin	6.577	5.634	108.3E6	185.7E6	42.429m	54.550 #
15) B Endosulfa...	6.799	5.930	108.5E6	190.0E6	43.100	50.815
16) A 4,4'-DDD	6.715	5.783	94835800	165.6E6	51.269	51.980
17) MA 4,4'-DDT	7.029	6.033	102.6E6	181.2E6	48.849	50.932
18) B Endrin al...	6.928	6.109	81336943	145.7E6	41.780m	46.105
19) B Endosulfa...	7.164	6.332	101.3E6	179.4E6	44.731	48.556
20) A Methoxychlor	7.505	6.608	55967563	92835366	50.374	47.583
21) B Endrin ke...	7.649	6.838	121.3E6	196.0E6	48.373	45.928
22) Mirex	8.121	7.018	89727749	147.1E6	43.487	42.186

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030625\
Data File : PL094529.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 12:28
Operator : AR\AJ
Sample : PB167011BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

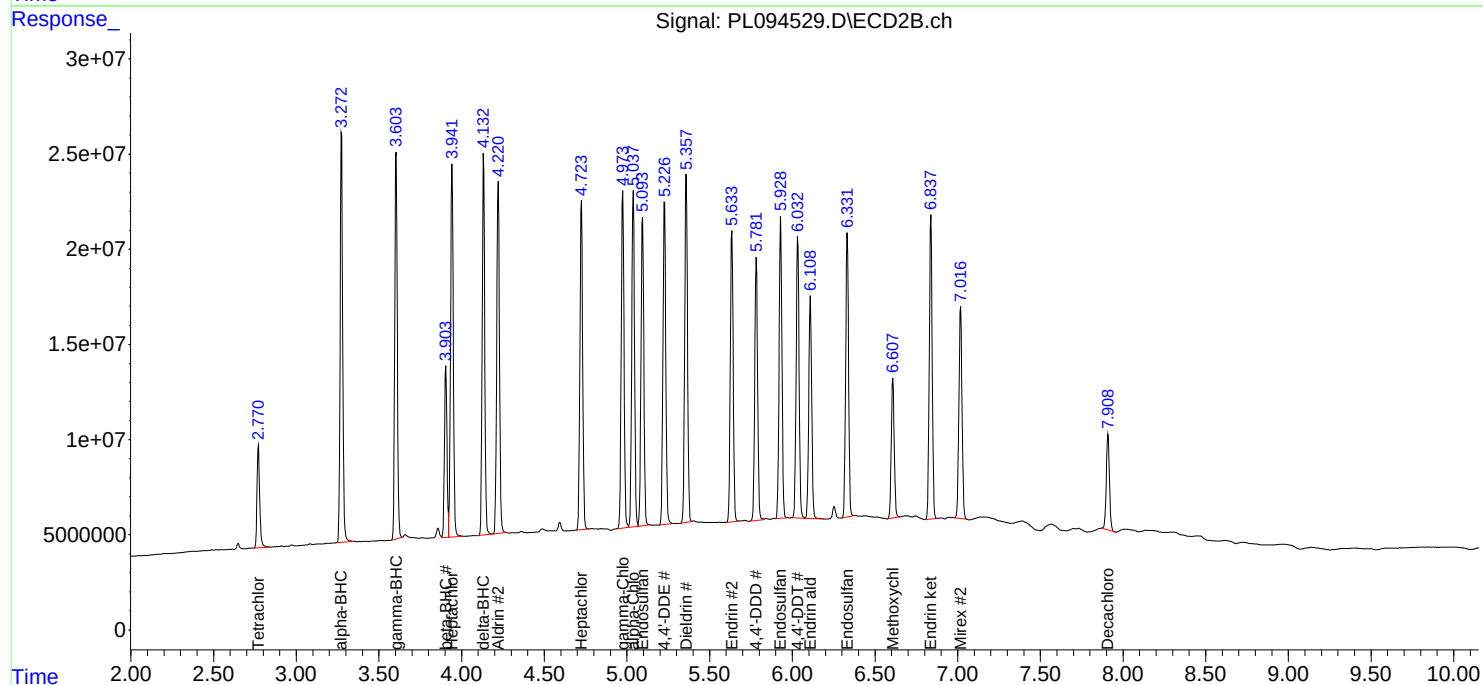
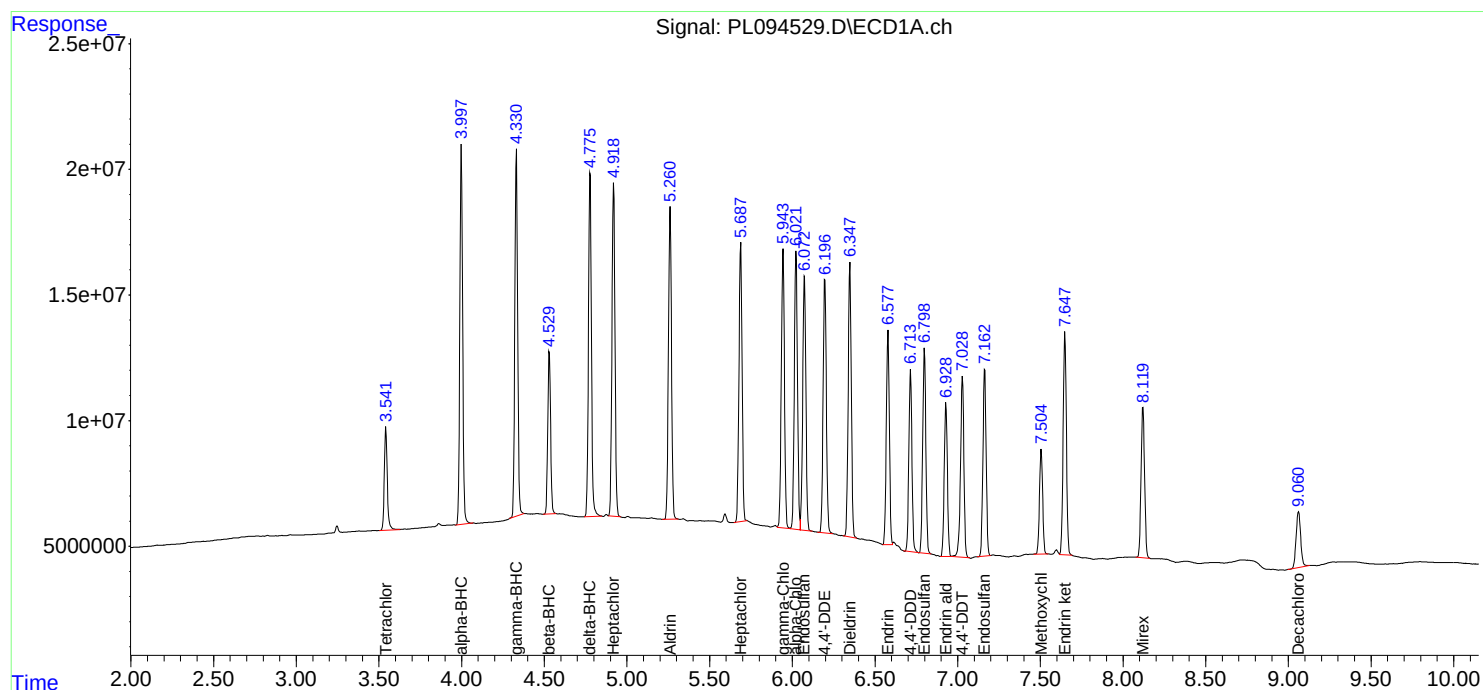
Instrument :
ECD_L
ClientSampleId :
PB167011BS

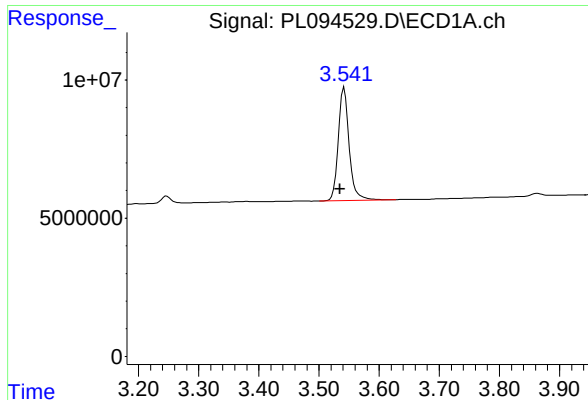
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 00:05:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 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





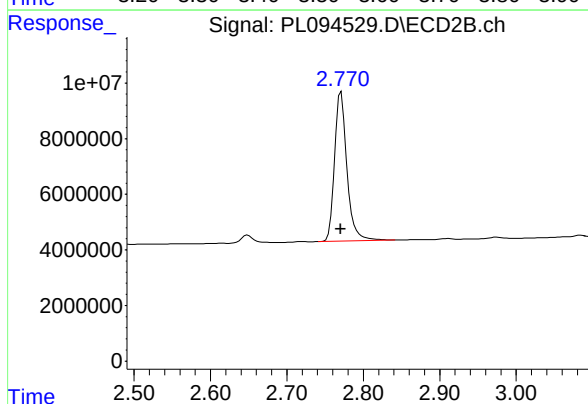
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: 0.007 min
Response: 51553068
Conc: 20.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167011BS

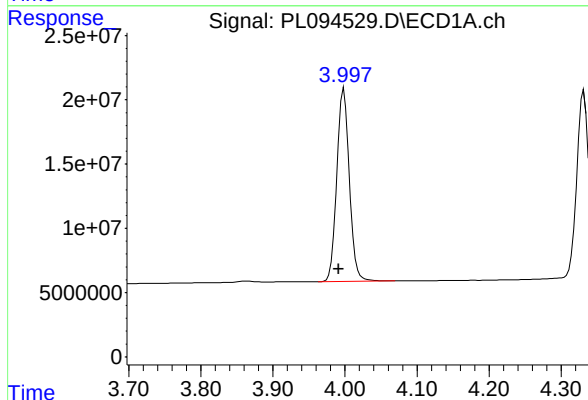
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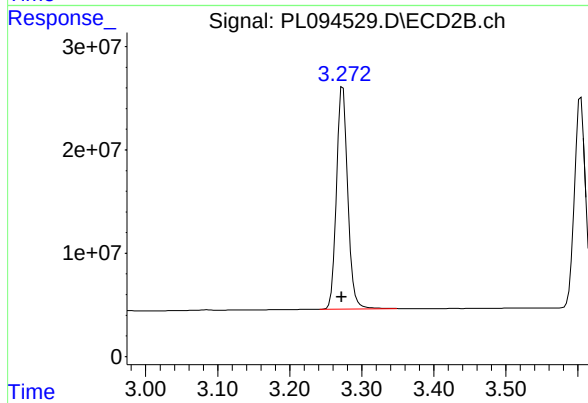
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 60238240
Conc: 18.88 ng/ml



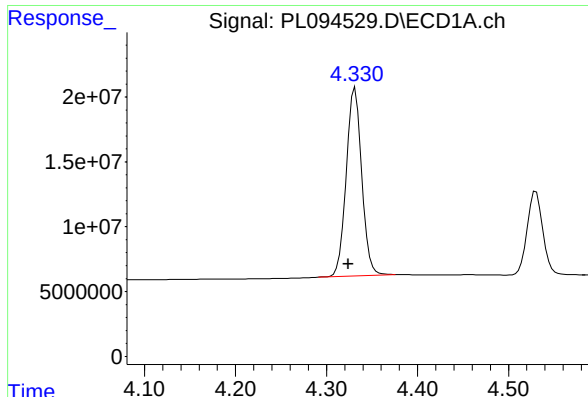
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.007 min
Response: 179955845
Conc: 47.57 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.001 min
Response: 231723256
Conc: 47.15 ng/ml



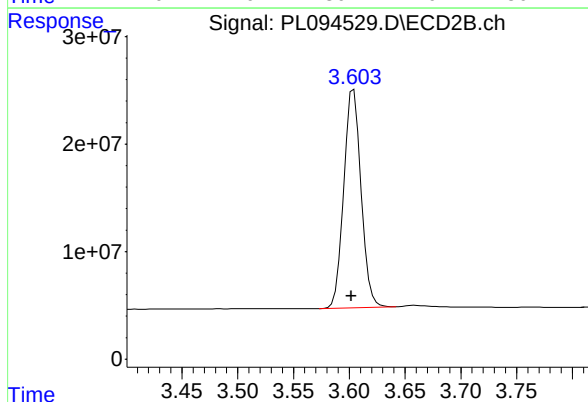
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.008 min
Response: 172488214
Conc: 46.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167011BS

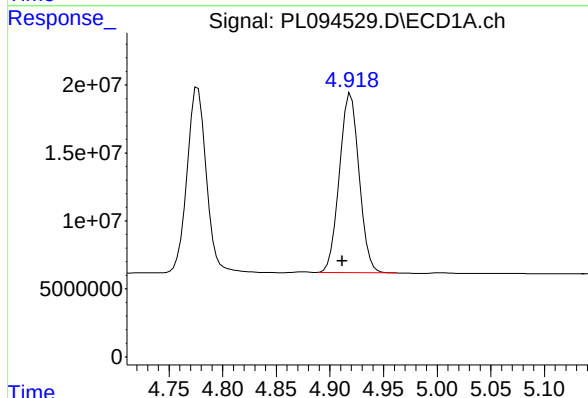
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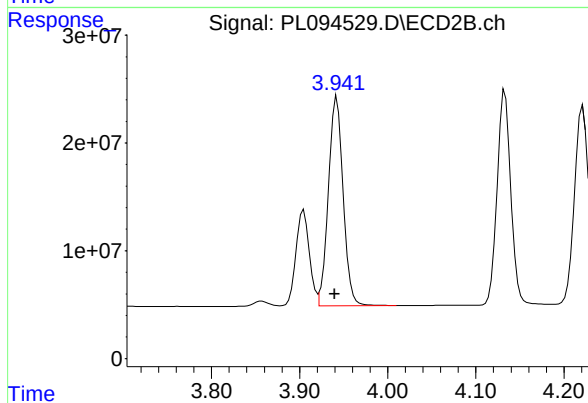
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.002 min
Response: 218748600
Conc: 46.44 ng/ml



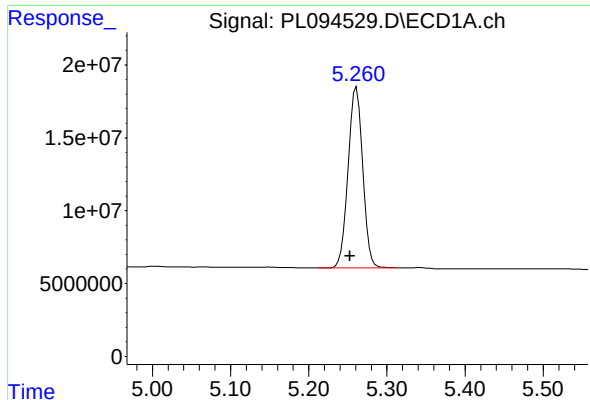
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: 0.008 min
Response: 168658461
Conc: 49.75 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.003 min
Response: 226408397
Conc: 47.96 ng/ml



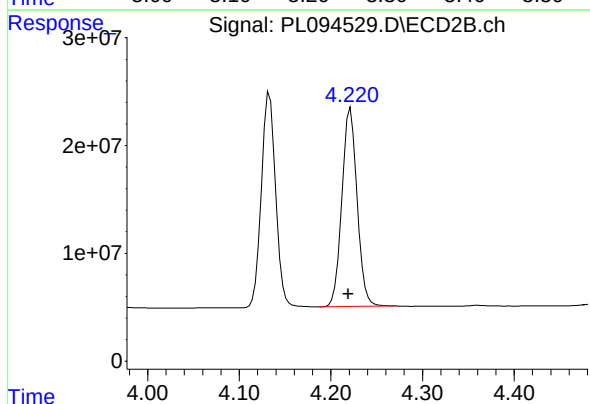
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: 0.008 min
Response: 161152979
Conc: 46.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167011BS

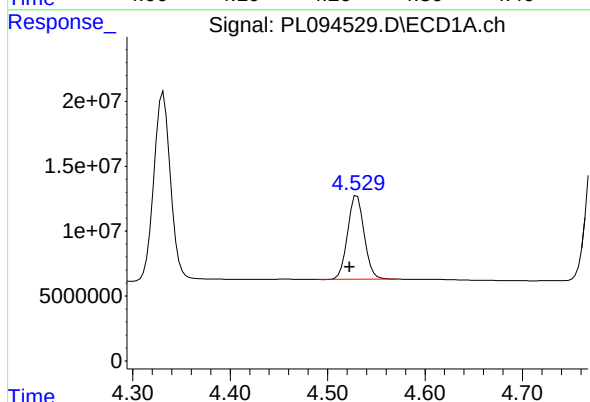
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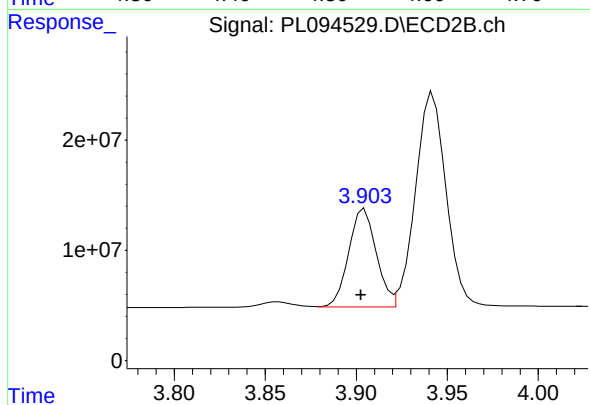
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 213238944
Conc: 46.15 ng/ml



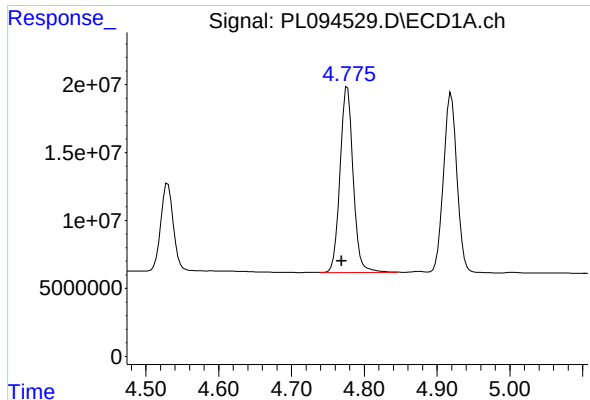
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.008 min
Response: 76315801
Conc: 47.79 ng/ml



#6 beta-BHC

R.T.: 3.905 min
Delta R.T.: 0.002 min
Response: 94625813
Conc: 47.58 ng/ml



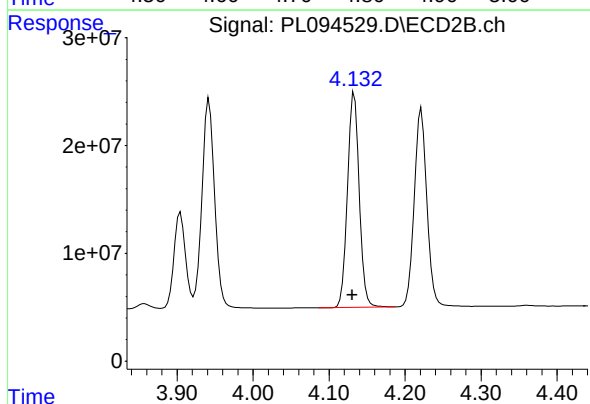
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: 0.006 min
Response: 171155826
Conc: 48.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167011BS

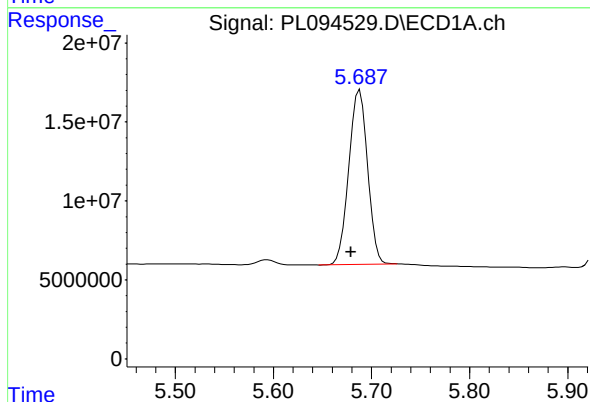
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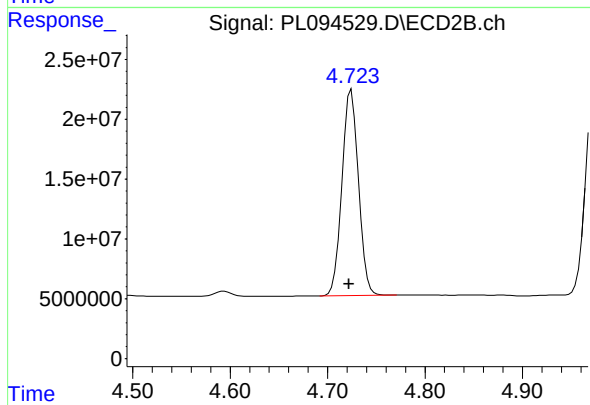
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: 0.003 min
Response: 214987245
Conc: 45.40 ng/ml



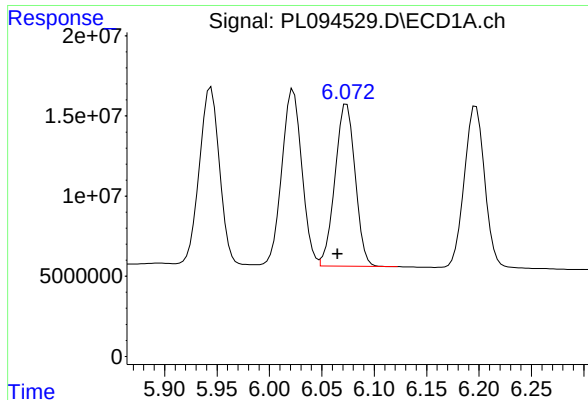
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.009 min
Response: 146977117
Conc: 48.77 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: 0.002 min
Response: 202724755
Conc: 47.64 ng/ml



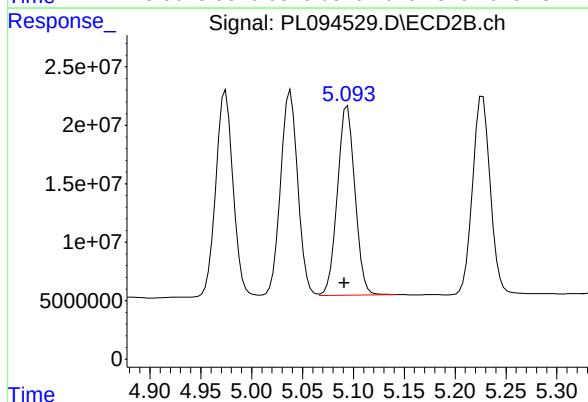
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.009 min
Response: 134729064
Conc: 49.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167011BS

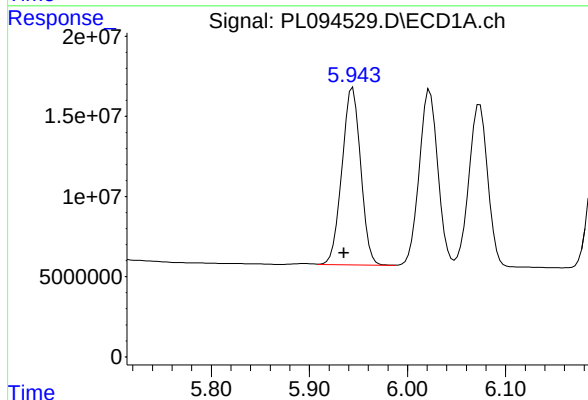
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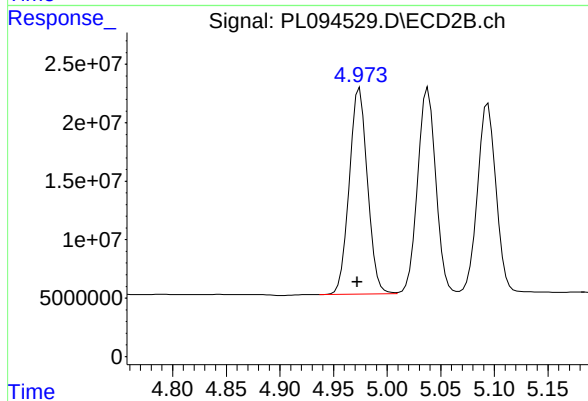
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.003 min
Response: 194469784
Conc: 48.78 ng/ml



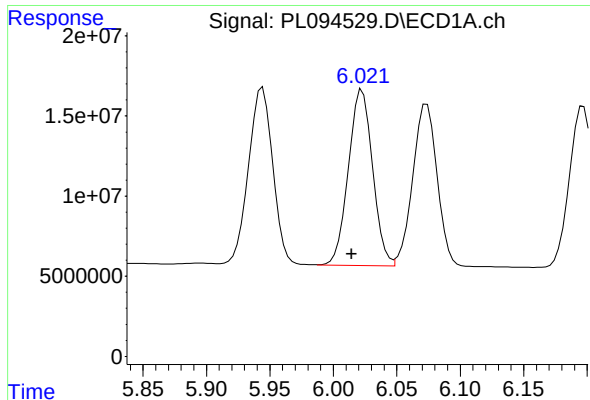
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.009 min
Response: 147448182
Conc: 50.22 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.002 min
Response: 208417297
Conc: 48.04 ng/ml



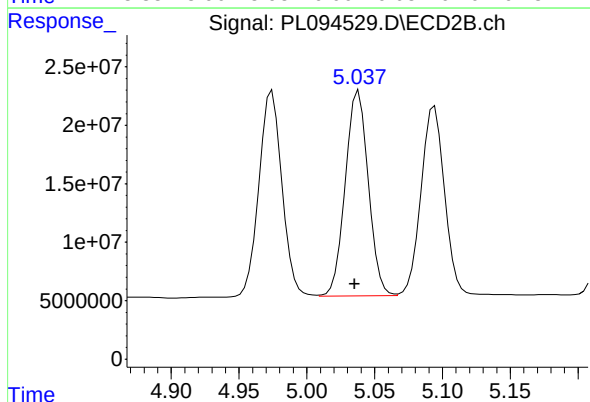
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: 0.008 min
Response: 145627367
Conc: 50.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167011BS

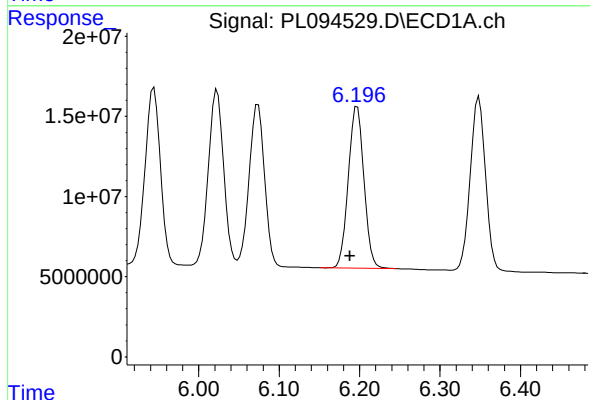
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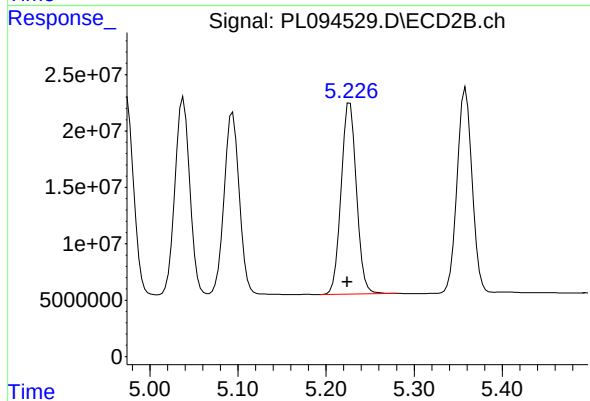
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: 0.003 min
Response: 206914251
Conc: 47.92 ng/ml



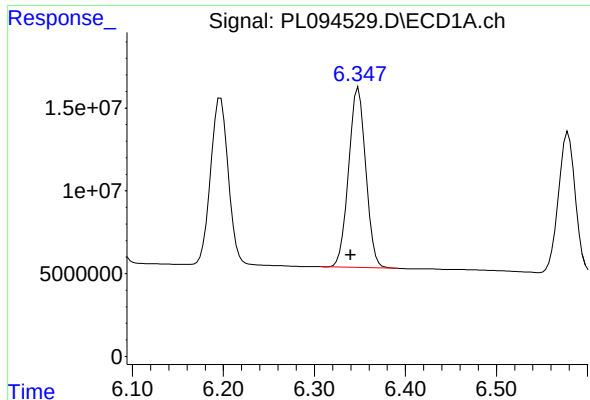
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.009 min
Response: 136239699
Conc: 52.16 ng/ml



#12 4,4'-DDE

R.T.: 5.227 min
Delta R.T.: 0.003 min
Response: 205668112
Conc: 48.97 ng/ml



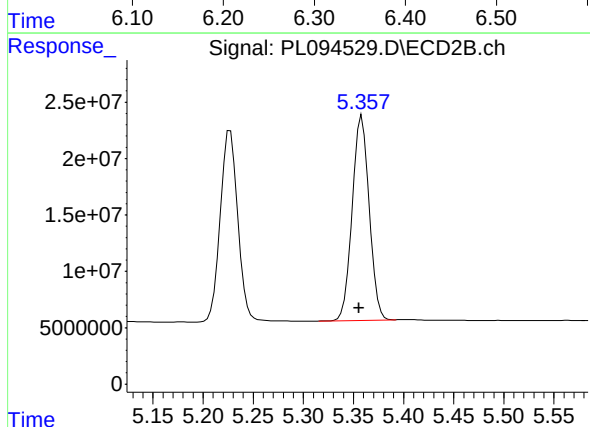
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.008 min
Response: 142773657
Conc: 50.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167011BS

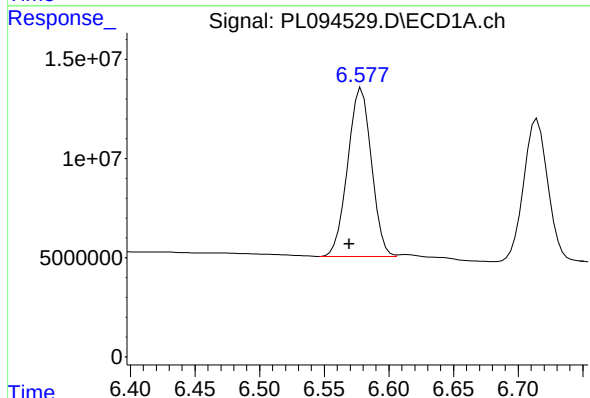
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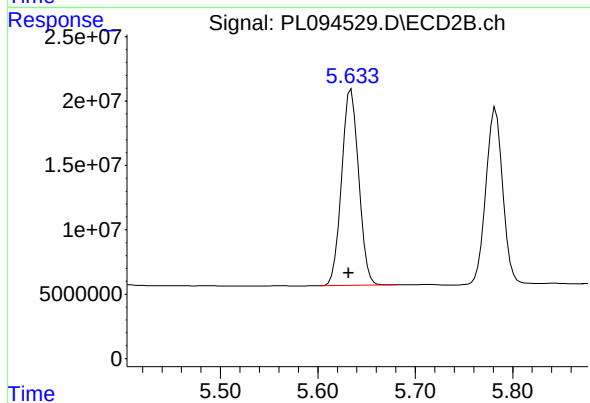
#13 Dieldrin

R.T.: 5.359 min
Delta R.T.: 0.003 min
Response: 214405803
Conc: 48.93 ng/ml



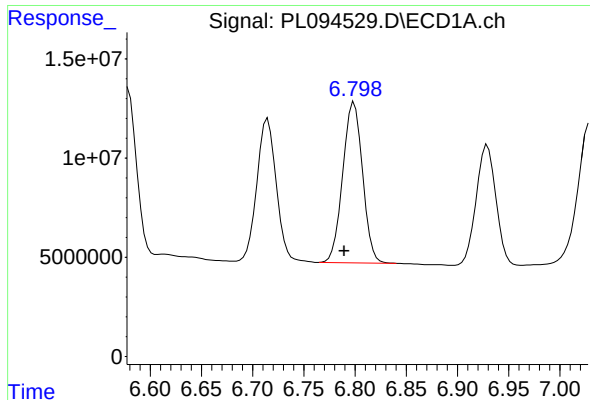
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.008 min
Response: 108291812
Conc: 42.43 ng/ml m



#14 Endrin

R.T.: 5.634 min
Delta R.T.: 0.003 min
Response: 185726370
Conc: 54.55 ng/ml



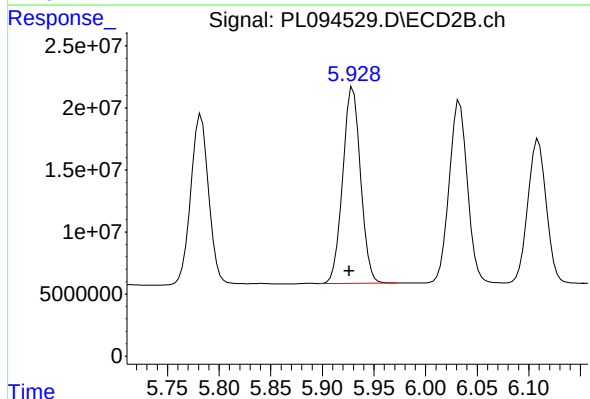
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.010 min
Response: 108494342
Conc: 43.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167011BS

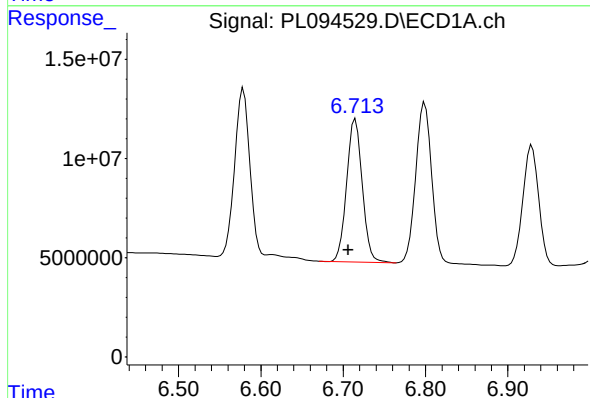
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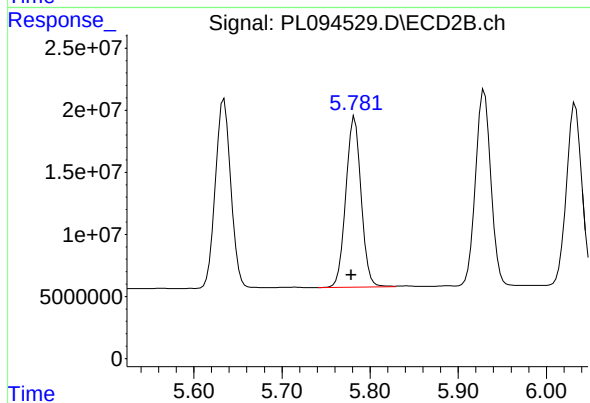
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: 0.004 min
Response: 190025234
Conc: 50.82 ng/ml



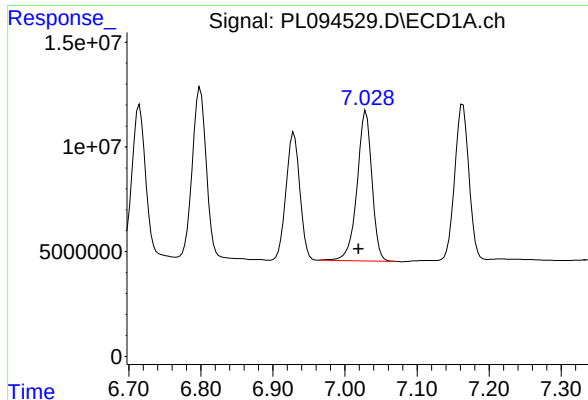
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.009 min
Response: 94835800
Conc: 51.27 ng/ml



#16 4,4'-DDD

R.T.: 5.783 min
Delta R.T.: 0.004 min
Response: 165571537
Conc: 51.98 ng/ml



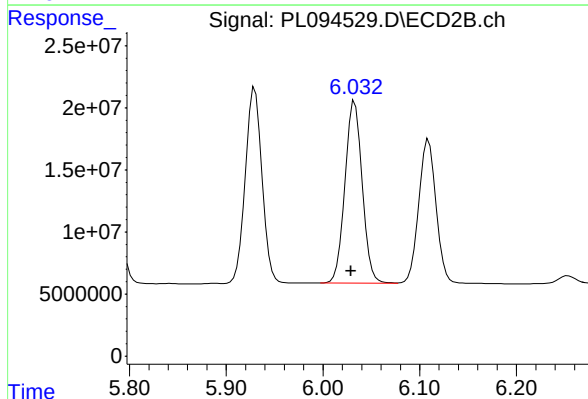
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.010 min
Response: 102584506
Conc: 48.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167011BS

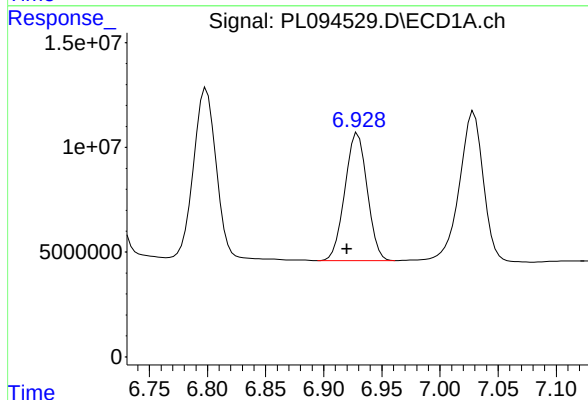
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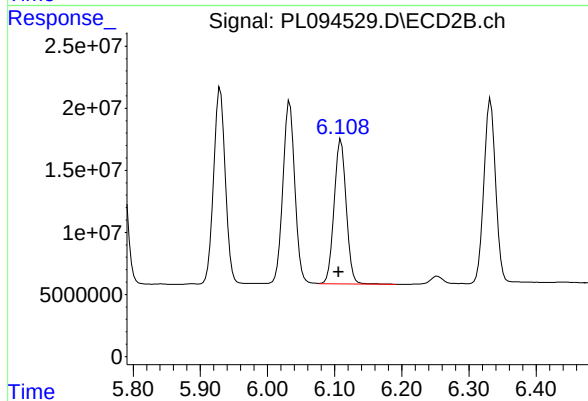
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.004 min
Response: 181166672
Conc: 50.93 ng/ml



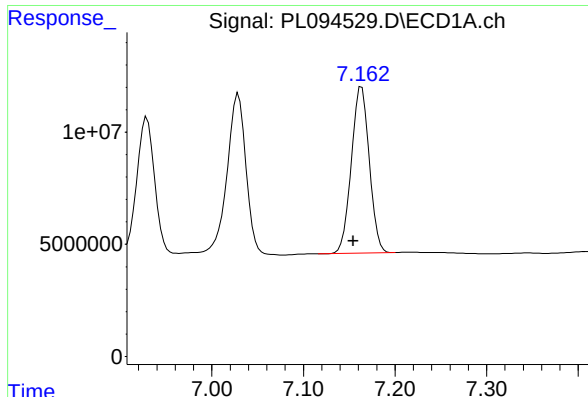
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.008 min
Response: 81336943
Conc: 41.78 ng/ml m



#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: 0.004 min
Response: 145711748
Conc: 46.11 ng/ml



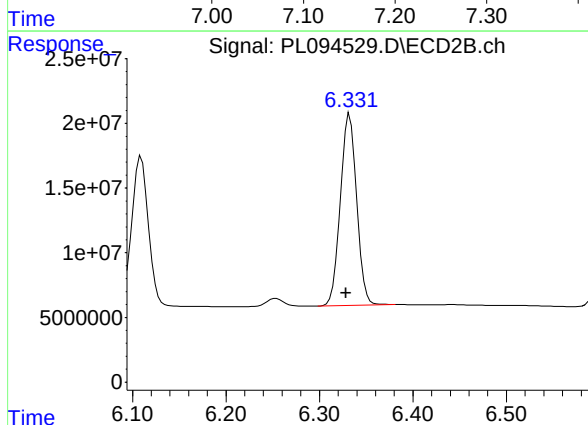
#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: 0.009 min
Response: 101263991
Conc: 44.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167011BS

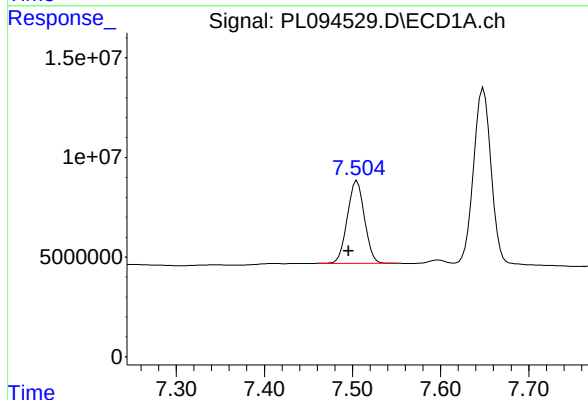
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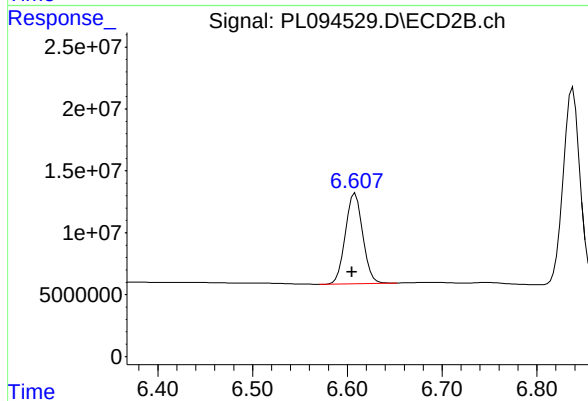
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: 0.004 min
Response: 179350466
Conc: 48.56 ng/ml



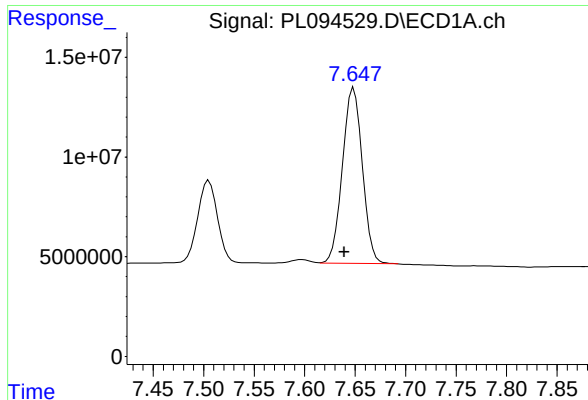
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.010 min
Response: 55967563
Conc: 50.37 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: 0.003 min
Response: 92835366
Conc: 47.58 ng/ml



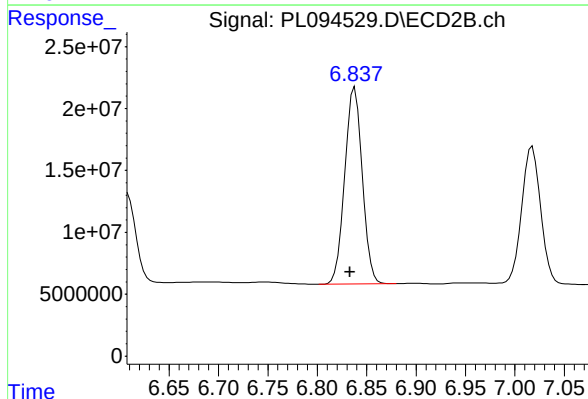
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.009 min
Response: 121267734
Conc: 48.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167011BS

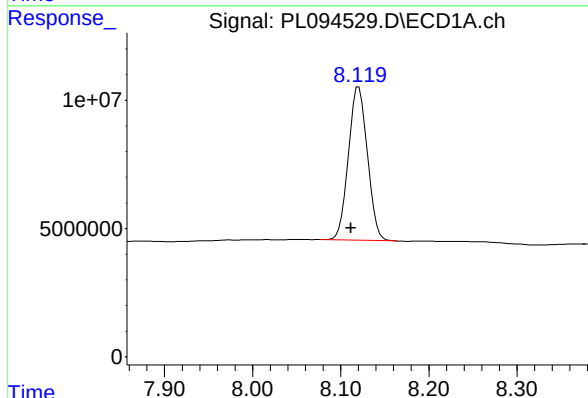
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Reviewed By :Abdul Mirza 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



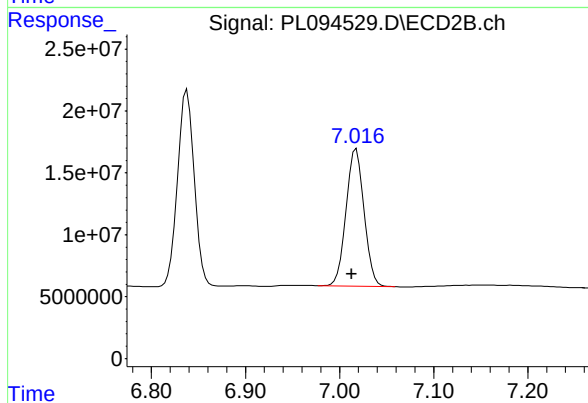
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.005 min
Response: 195998199
Conc: 45.93 ng/ml



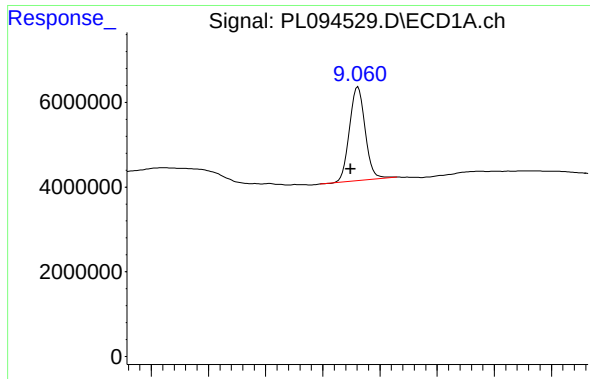
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.009 min
Response: 89727749
Conc: 43.49 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: 0.005 min
Response: 147104971
Conc: 42.19 ng/ml



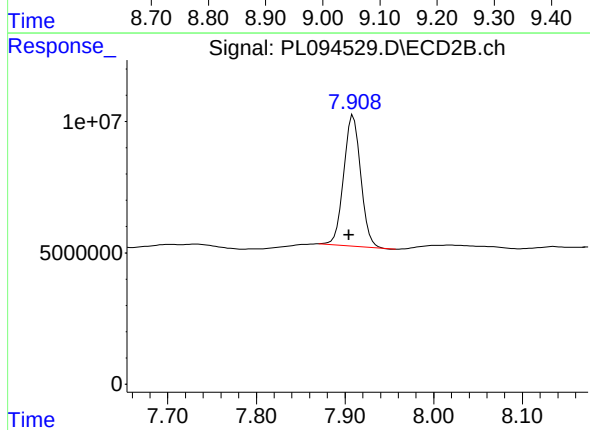
#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.013 min
Response: 42787137
Conc: 20.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167011BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: 0.005 min
Response: 66596752
Conc: 17.32 ng/ml