

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
 Data File : PL097555.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2025 19:12
 Operator : AR\AJ
 Sample : Q3297-01MS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/08/2025
 Supervised By :mohammad ahmed 10/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 08 03:06:49 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...	3.523	2.823	68875781	91653201	16.895m	15.059
28)	SA Decachlor...	8.996	7.981	34112310	45659503	11.472	8.799
Target Compounds							
2)	A alpha-BHC	3.972	3.328	229.5E6	348.6E6	34.024	35.328
3)	MA gamma-BHC...	4.300	3.660	190.6E6	284.2E6	29.987	30.938
4)	MA Heptachlor	4.890	4.007	141.2E6	198.3E6	21.892	21.571
5)	MB Aldrin	5.229	4.289	223.6E6	335.6E6	37.190	38.696
6)	B beta-BHC	4.487	3.956	98523173	150.6E6	38.106	37.863
7)	B delta-BHC	4.731	4.188	158.5E6	243.6E6	26.107m	26.970
8)	B Heptachlo...	5.649	4.791	199.3E6	292.2E6	34.225	37.000
9)	A Endosulfan I	6.030	5.161	155.1E6	235.2E6	31.204	31.894
10)	B gamma-Chl...	5.901	5.043	200.6E6	339.4E6	36.961m	39.038
11)	B alpha-Chl...	5.982	5.106	192.7E6	298.5E6	35.506	35.844
12)	B 4,4'-DDE	6.153	5.295	178.3E6	282.4E6	38.293	37.191
13)	MA Dieldrin	6.302	5.426	184.0E6	273.9E6	34.975	33.123
14)	MA Endrin	6.529	5.700	132.0E6	214.0E6	29.508	28.909
15)	B Endosulfa...	6.742	5.992	136.2E6	187.2E6	27.848	27.108
16)	A 4,4'-DDD	6.662	5.847	103.0E6	155.0E6	27.297	24.294
17)	MA 4,4'-DDT	6.976	6.099	82659714	116.2E6	20.386	17.437
18)	B Endrin al...	6.870	6.170	26969852	33790095	8.231	5.868 #
19)	B Endosulfa...	7.104	6.393	83363181	106.0E6	20.789	15.922
20)	A Methoxychlor	7.447	6.671	37681317	57154040	18.038m	15.679
21)	B Endrin ke...	7.584	6.898	96030561	138.7E6	22.428	17.555
22)	Mirex	8.061	7.087	118.1E6	164.3E6	38.014	30.710

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097555.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 19:12
Operator : AR\AJ
Sample : Q3297-01MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

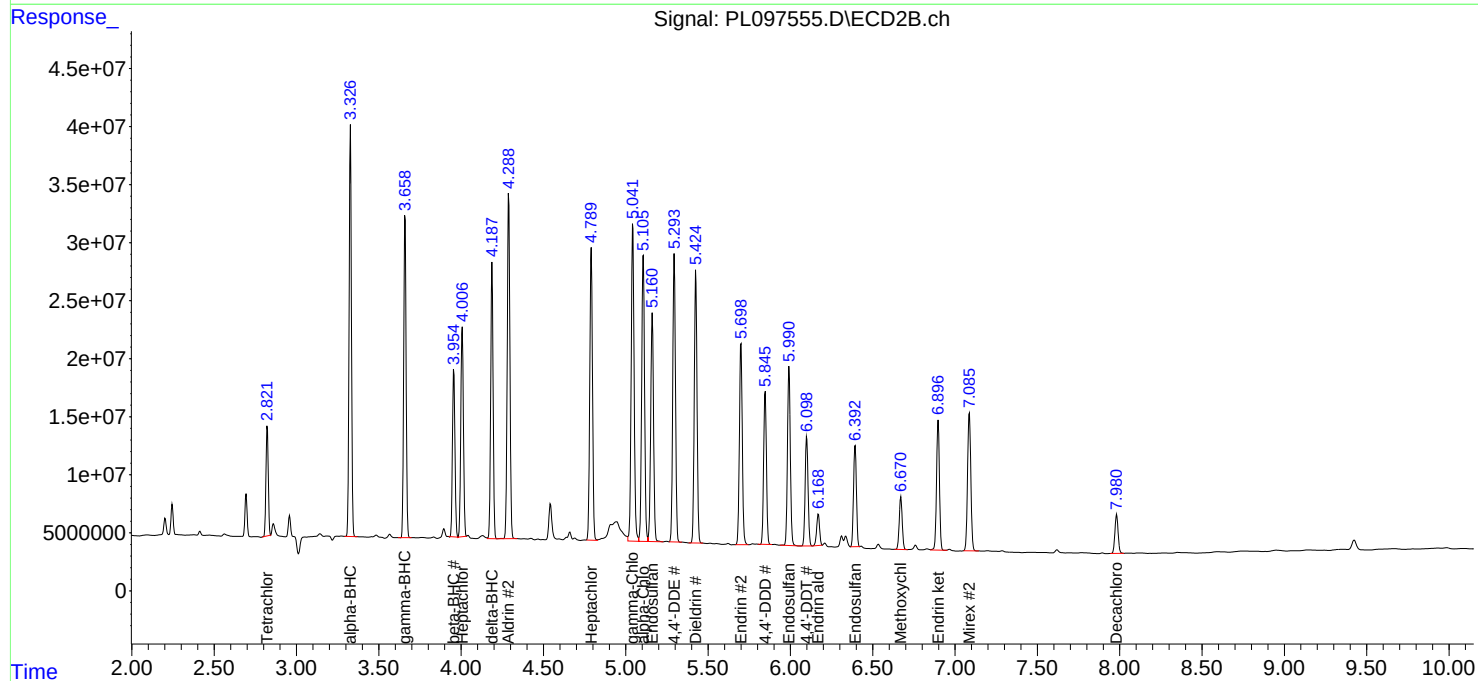
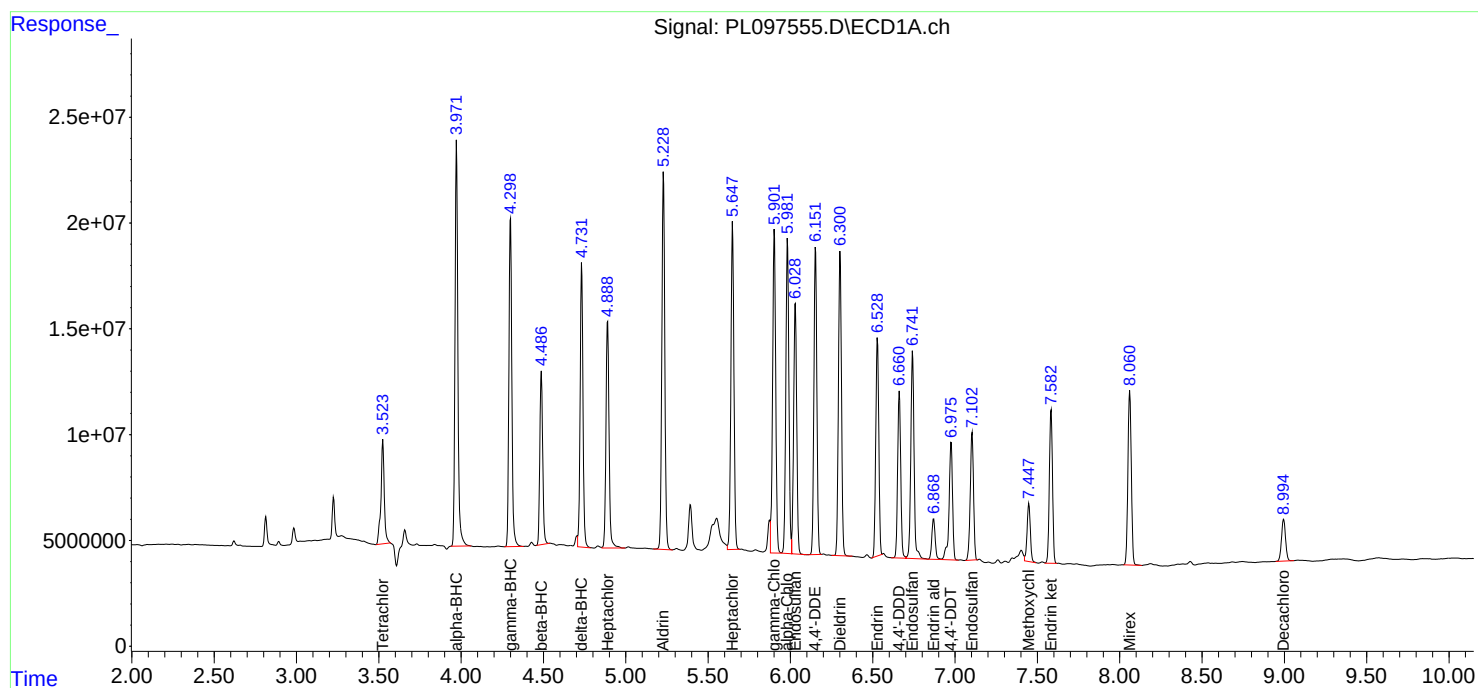
Instrument :
ECD_L
ClientSampleId :
TP1MS

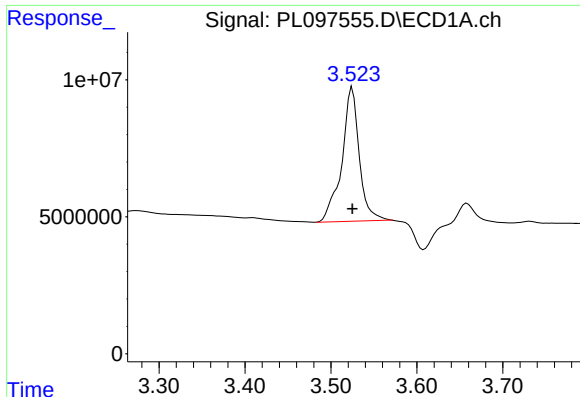
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 08 03:06:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 2025
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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





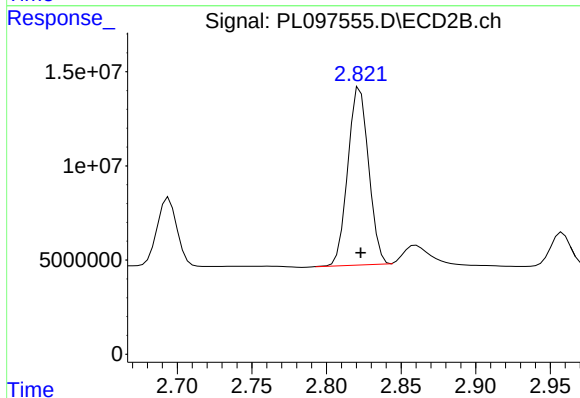
#1 Tetrachloro-m-xylene

R.T.: 3.523 min
Delta R.T.: -0.002 min
Response: 68875781
Conc: 16.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1MS

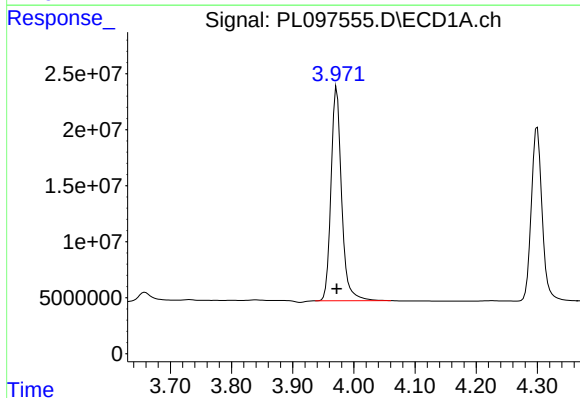
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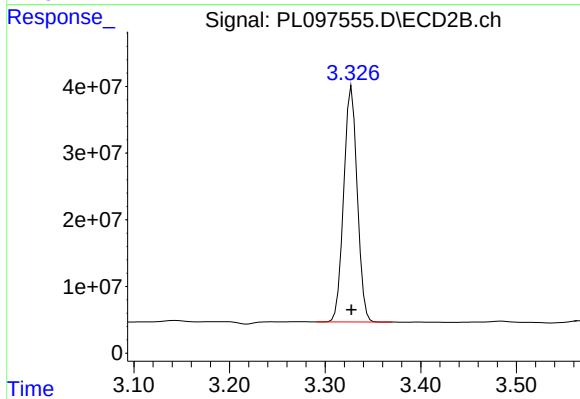
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 91653201
Conc: 15.06 ng/ml



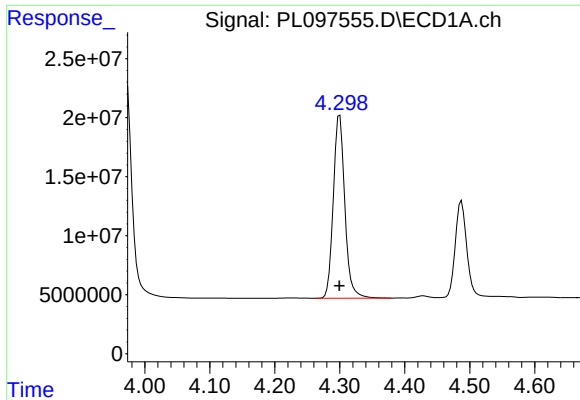
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: 0.000 min
Response: 229513395
Conc: 34.02 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 348576083
Conc: 35.33 ng/ml



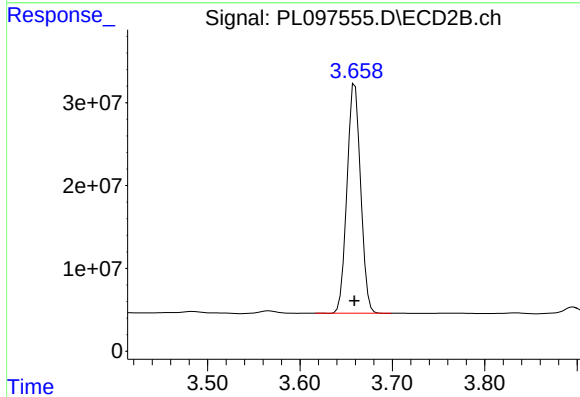
#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 190607121
Conc: 29.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1MS

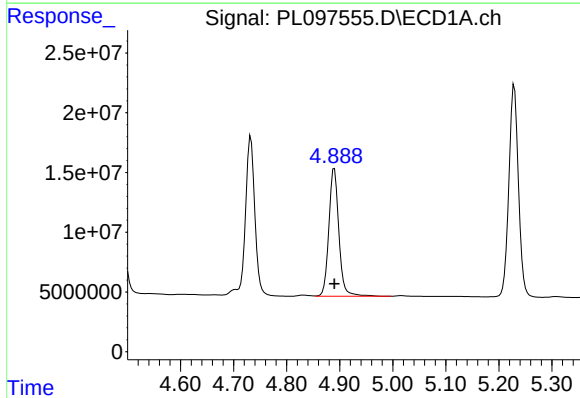
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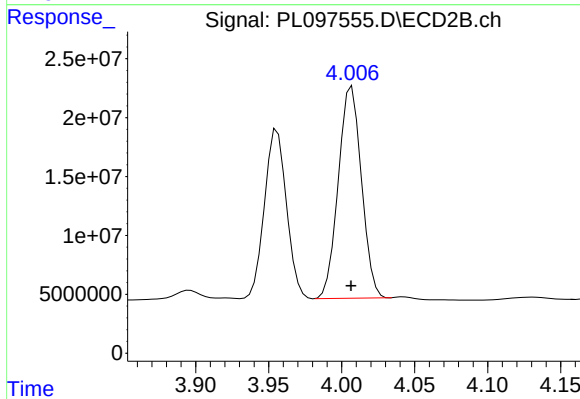
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 284233872
Conc: 30.94 ng/ml



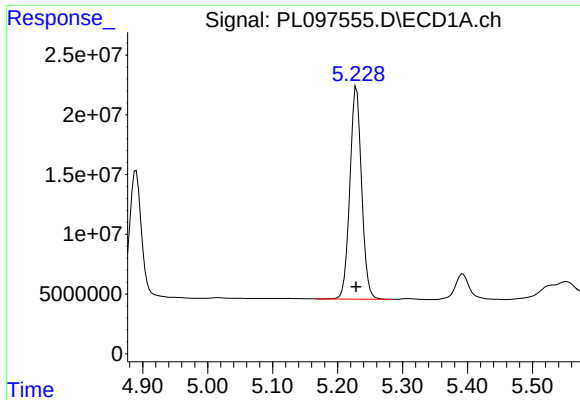
#4 Heptachlor

R.T.: 4.890 min
Delta R.T.: 0.000 min
Response: 141218166
Conc: 21.89 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 198287823
Conc: 21.57 ng/ml



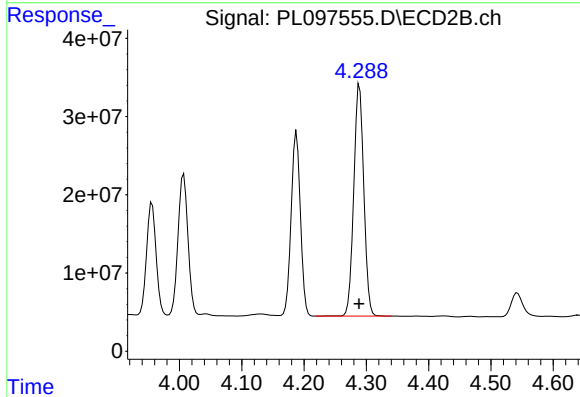
#5 Aldrin

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 223612874
Conc: 37.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1MS

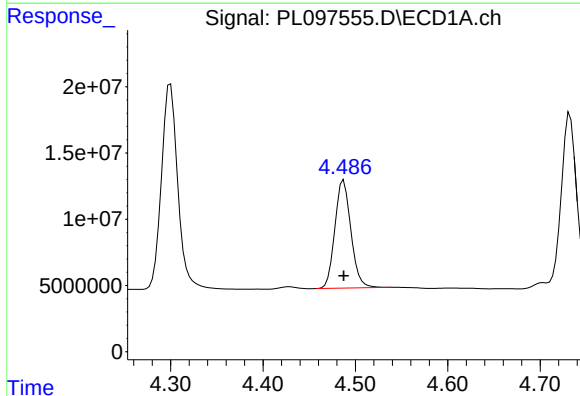
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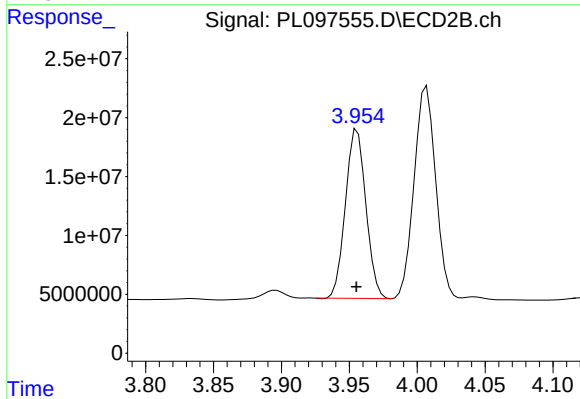
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: 0.000 min
Response: 335563269
Conc: 38.70 ng/ml



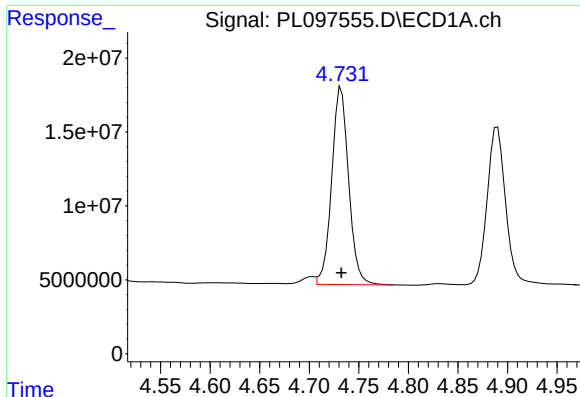
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: 0.000 min
Response: 98523173
Conc: 38.11 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 150622864
Conc: 37.86 ng/ml



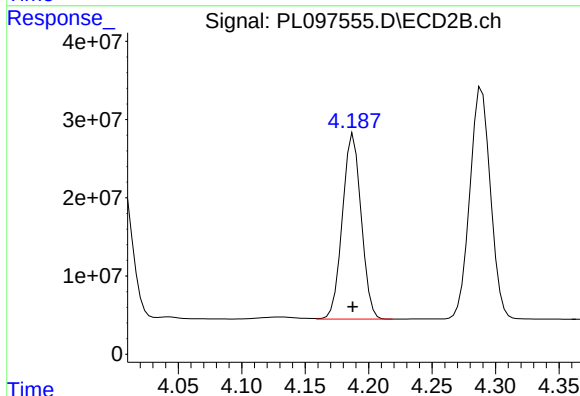
#7 delta-BHC

R.T.: 4.731 min
Delta R.T.: -0.001 min
Response: 158535532
Conc: 26.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1MS

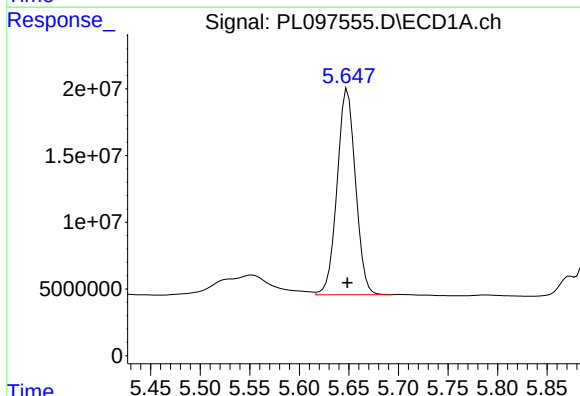
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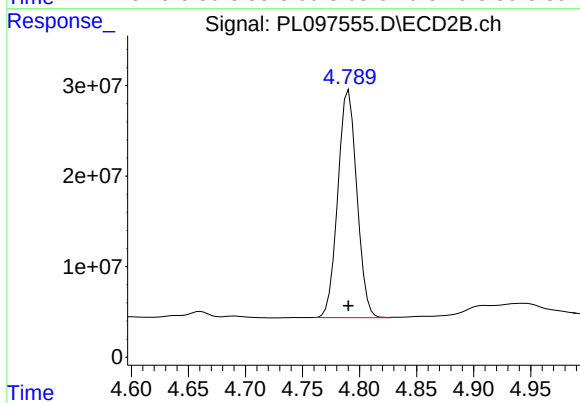
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: 0.000 min
Response: 243647471
Conc: 26.97 ng/ml



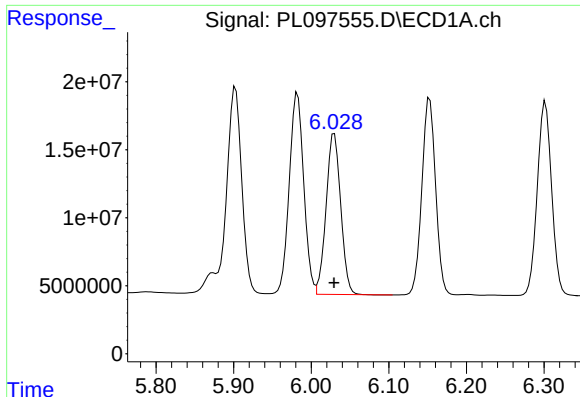
#8 Heptachlor epoxide

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 199266390
Conc: 34.22 ng/ml



#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: 0.000 min
Response: 292223951
Conc: 37.00 ng/ml



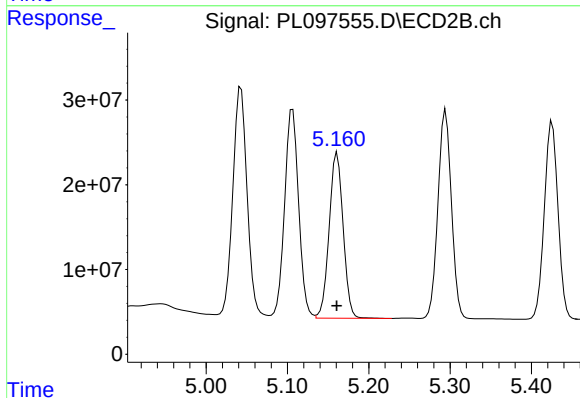
#9 Endosulfan I

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 155126263
Conc: 31.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1MS

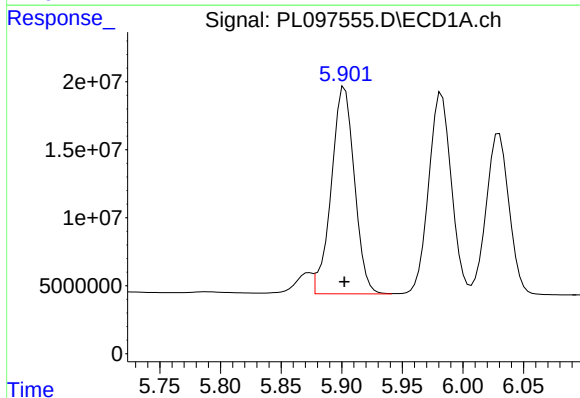
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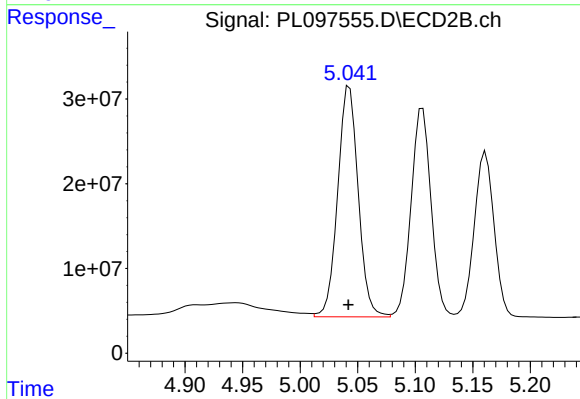
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 235193938
Conc: 31.89 ng/ml



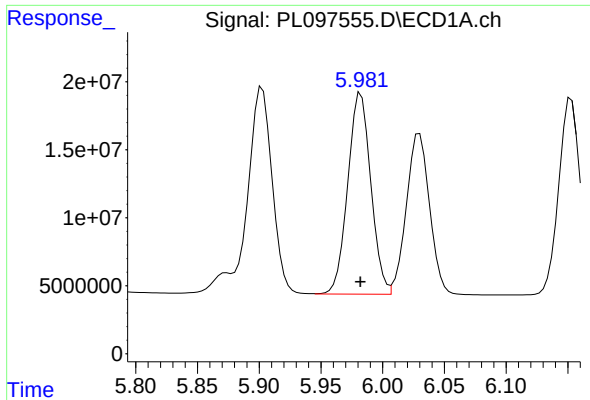
#10 gamma-Chlordane

R.T.: 5.901 min
Delta R.T.: -0.001 min
Response: 200603003
Conc: 36.96 ng/ml m



#10 gamma-Chlordane

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 339364803
Conc: 39.04 ng/ml



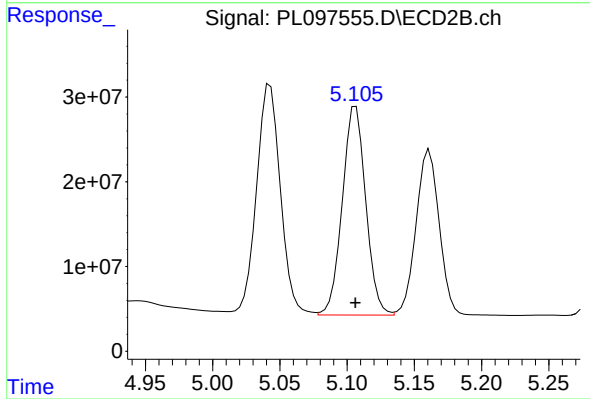
#11 alpha-Chlordane

R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 192671573
Conc: 35.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1MS

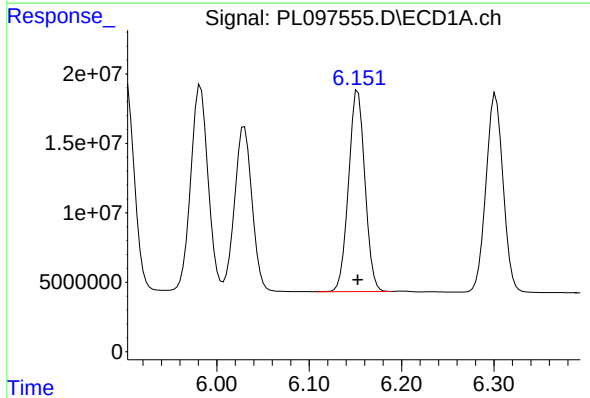
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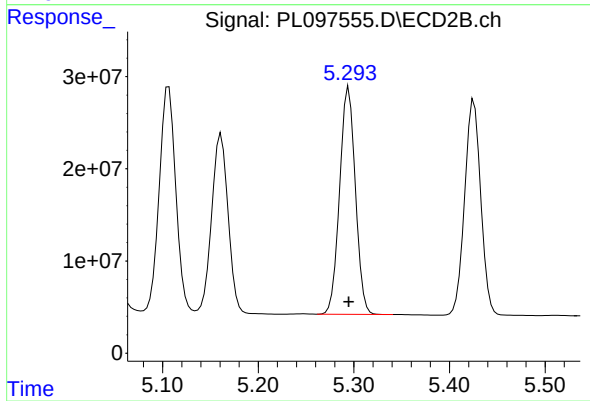
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: 0.000 min
Response: 298480075
Conc: 35.84 ng/ml



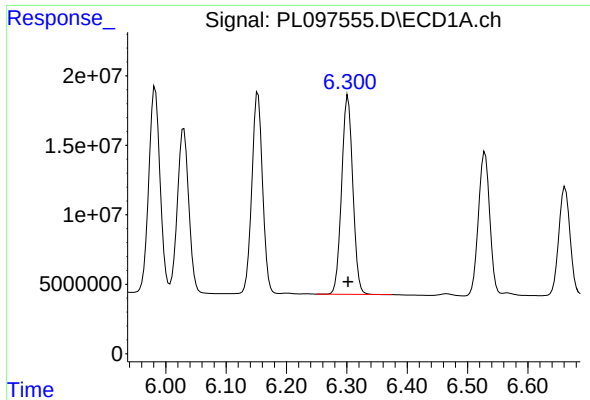
#12 4,4'-DDE

R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 178337460
Conc: 38.29 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: 0.000 min
Response: 282373913
Conc: 37.19 ng/ml



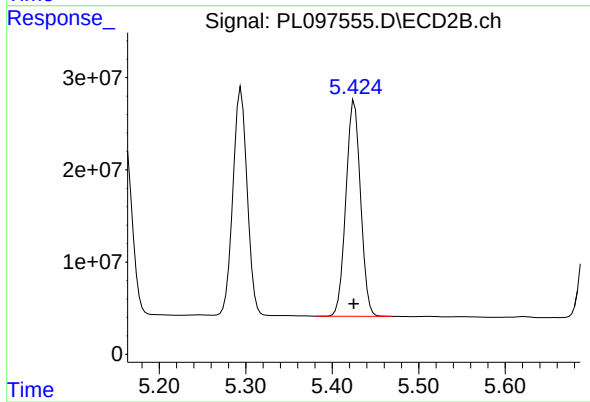
#13 Dieldrin

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 183987574
Conc: 34.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1MS

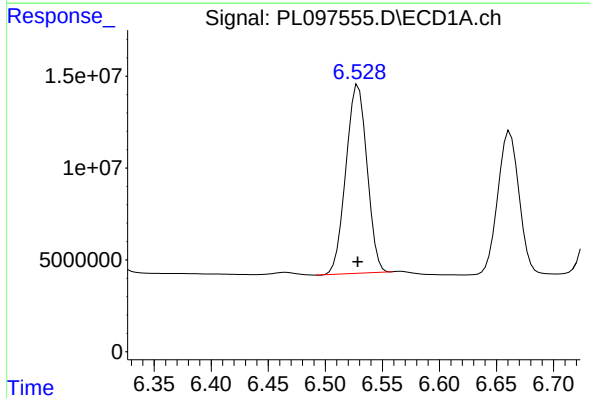
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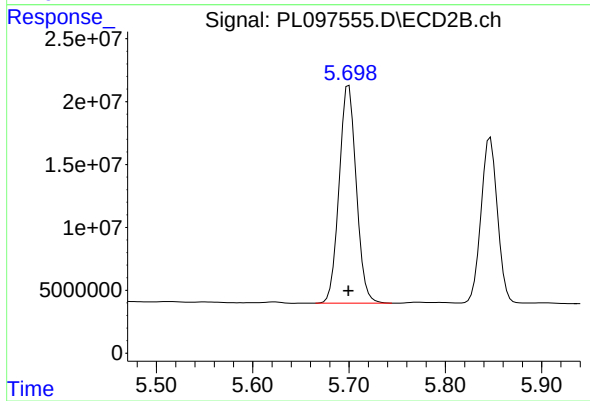
#13 Dieldrin

R.T.: 5.426 min
Delta R.T.: 0.000 min
Response: 273872110
Conc: 33.12 ng/ml



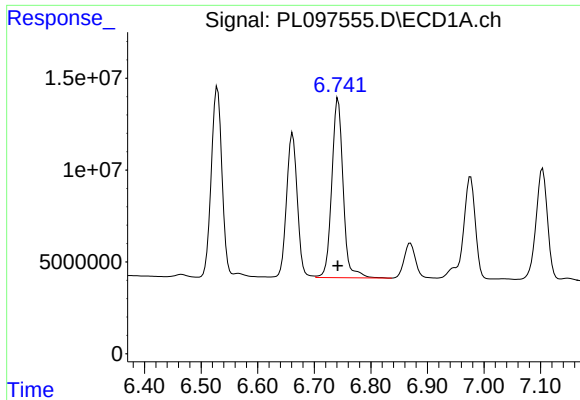
#14 Endrin

R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 132029227
Conc: 29.51 ng/ml



#14 Endrin

R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 213971580
Conc: 28.91 ng/ml



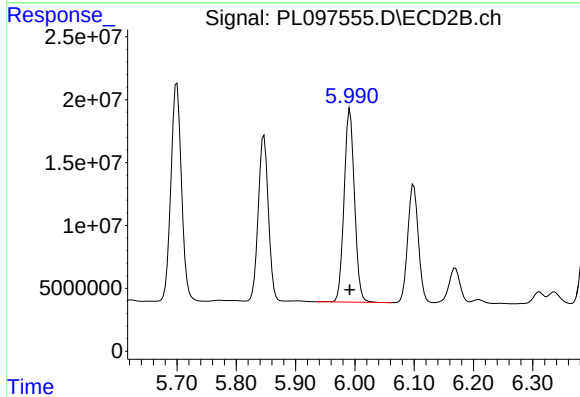
#15 Endosulfan II

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 136237412
Conc: 27.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1MS

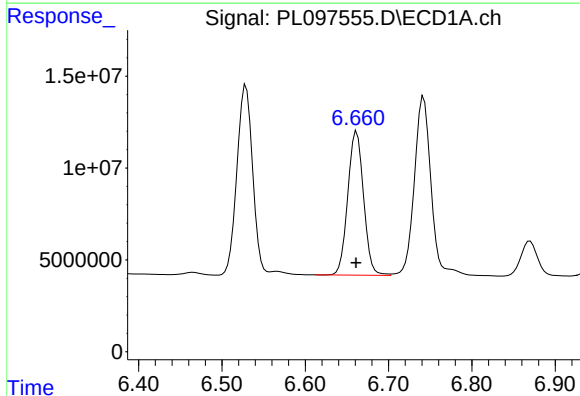
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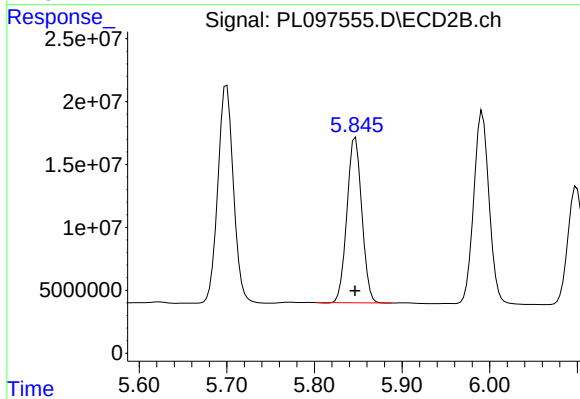
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 187180293
Conc: 27.11 ng/ml



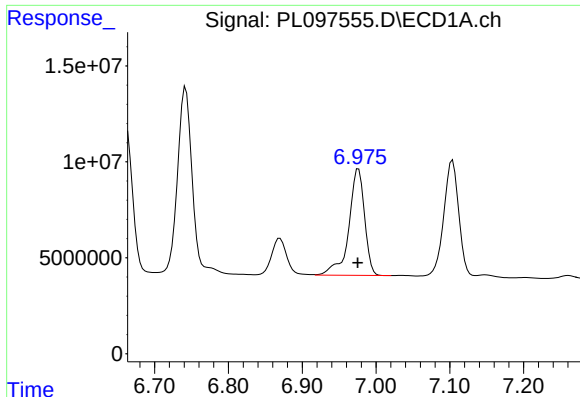
#16 4,4'-DDD

R.T.: 6.662 min
Delta R.T.: 0.000 min
Response: 103003494
Conc: 27.30 ng/ml



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 154970885
Conc: 24.29 ng/ml



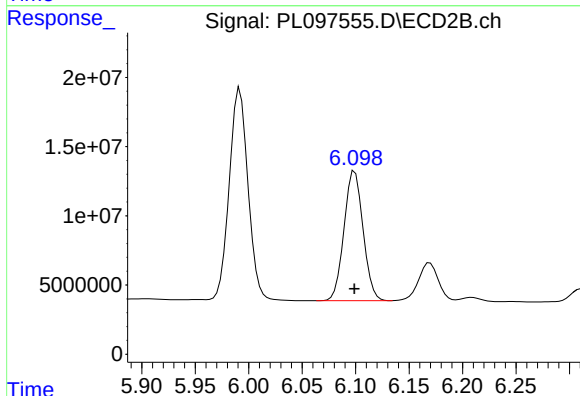
#17 4,4'-DDT

R.T.: 6.976 min
Delta R.T.: 0.001 min
Response: 82659714
Conc: 20.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1MS

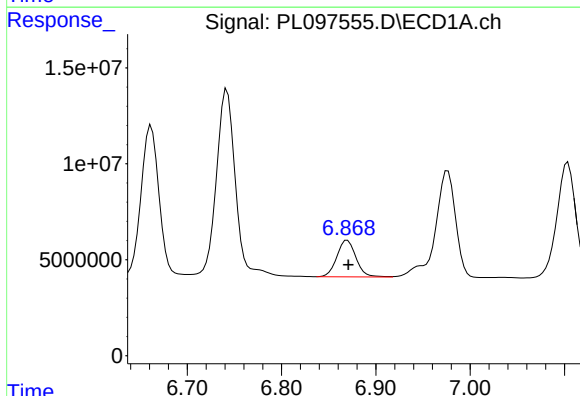
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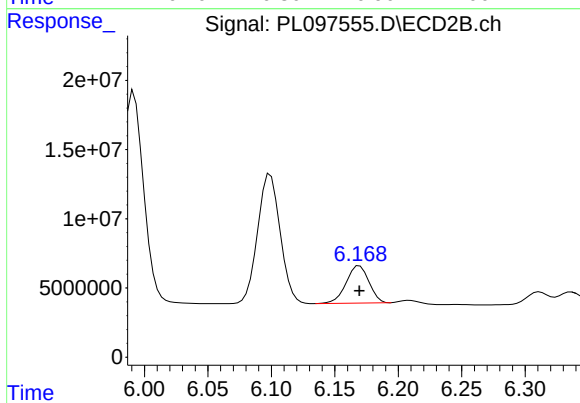
#17 4,4'-DDT

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 116187177
Conc: 17.44 ng/ml



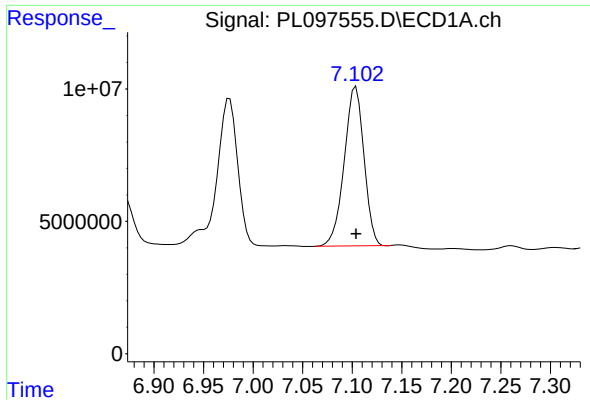
#18 Endrin aldehyde

R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 26969852
Conc: 8.23 ng/ml



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 33790095
Conc: 5.87 ng/ml



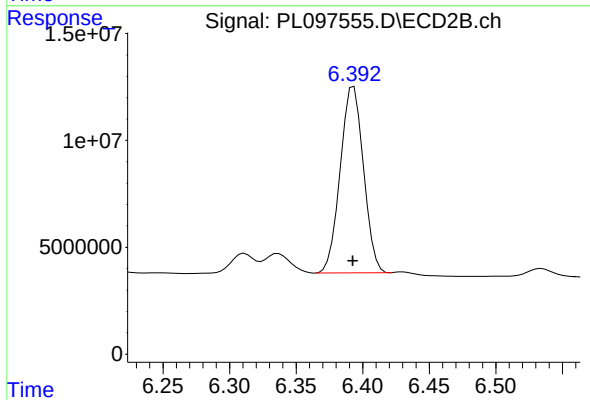
#19 Endosulfan Sulfate

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 83363181
Conc: 20.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1MS

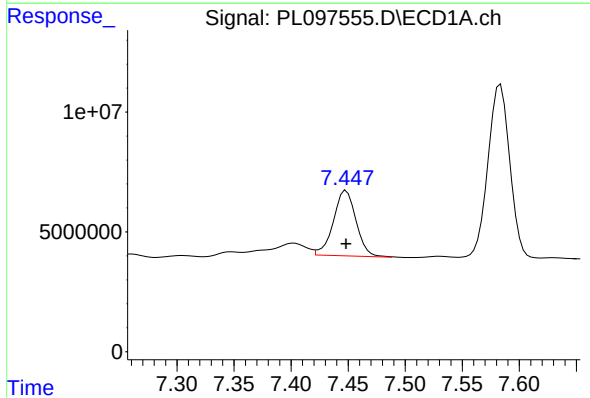
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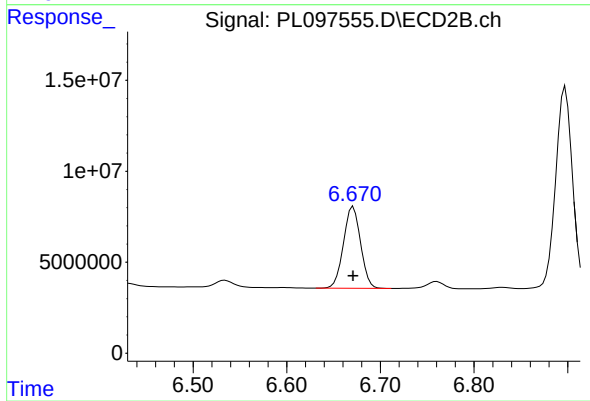
#19 Endosulfan Sulfate

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 106008781
Conc: 15.92 ng/ml



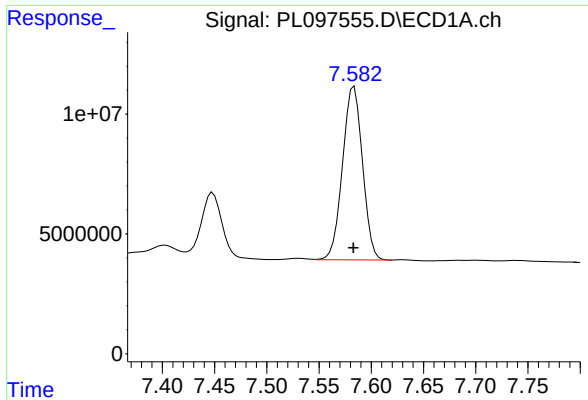
#20 Methoxychlor

R.T.: 7.447 min
Delta R.T.: -0.001 min
Response: 37681317
Conc: 18.04 ng/ml m



#20 Methoxychlor

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 57154040
Conc: 15.68 ng/ml



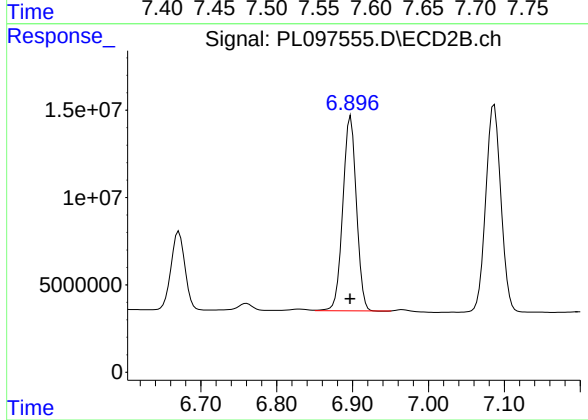
#21 Endrin ketone

R.T.: 7.584 min
Delta R.T.: 0.000 min
Response: 96030561
Conc: 22.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1MS

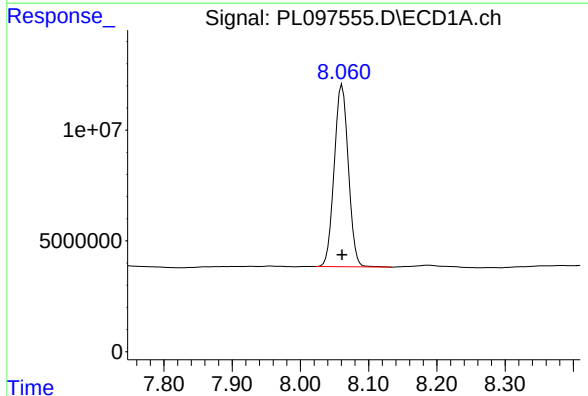
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Supervised By :mohammad ahmed 10/09/2025



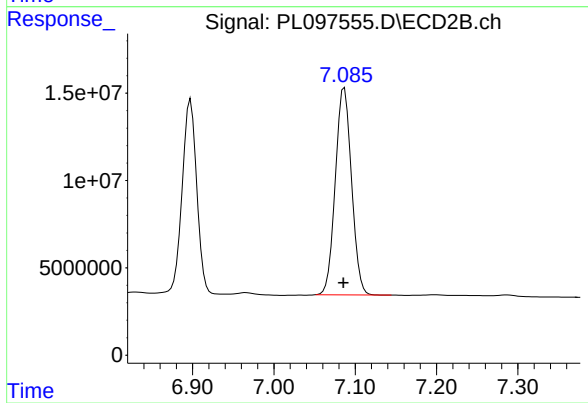
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: 0.000 min
Response: 138682432
Conc: 17.56 ng/ml



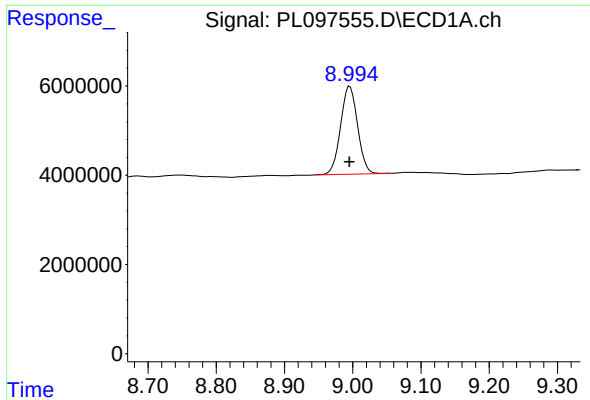
#22 Mirex

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 118127495
Conc: 38.01 ng/ml



#22 Mirex

R.T.: 7.087 min
Delta R.T.: 0.001 min
Response: 164294713
Conc: 30.71 ng/ml



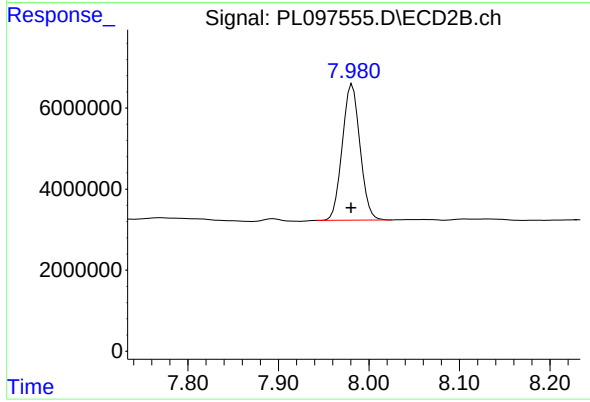
#28 Decachlorobiphenyl

R.T.: 8.996 min
Delta R.T.: 0.000 min
Response: 34112310
Conc: 11.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP1MS

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 10/09/2025



#28 Decachlorobiphenyl

R.T.: 7.981 min
Delta R.T.: 0.001 min
Response: 45659503
Conc: 8.80 ng/ml