

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081625\
 Data File : PL096828.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2025 18:05
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/18/2025
 Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 05:55:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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...	3.531	2.826	180.8E6	262.6E6	56.837	54.955
2)	SA Decachlor...	9.003	7.986	129.1E6	230.0E6	54.118m	53.015
Target Compounds							
2)	A alpha-BHC	3.978	3.331	265.6E6	391.8E6	57.410	55.367
3)	MA gamma-BHC...	4.304	3.663	253.8E6	364.2E6	57.374m	55.153
4)	MA Heptachlor	4.896	4.011	247.6E6	358.3E6	59.585m	53.779
5)	MB Aldrin	5.237	4.294	244.0E6	337.3E6	56.736	54.343
6)	B beta-BHC	4.491	3.959	104.0E6	155.5E6	57.599m	55.137
7)	B delta-BHC	4.738	4.192	233.2E6	357.2E6	58.436	55.177
8)	B Heptachlo...	5.656	4.796	224.7E6	306.0E6	58.256	53.572
9)	A Endosulfan I	6.038	5.166	198.5E6	281.6E6	55.197	50.904
10)	B gamma-Chl...	5.910	5.047	217.9E6	319.1E6	57.272	54.270
11)	B alpha-Chl...	5.990	5.112	217.6E6	313.0E6	56.444	53.056
12)	B 4,4'-DDE	6.160	5.300	179.1E6	295.5E6	55.767	53.587
13)	MA Dieldrin	6.310	5.430	208.1E6	318.4E6	56.087	53.901m
14)	MA Endrin	6.535	5.705	170.6E6	285.1E6	56.360m	52.735
15)	B Endosulfa...	6.747	5.997	178.3E6	273.0E6	55.661m	53.148
16)	A 4,4'-DDD	6.669	5.853	148.8E6	252.4E6	58.869	53.649
17)	MA 4,4'-DDT	6.983	6.105	158.8E6	268.7E6	55.393	53.128
18)	B Endrin al...	6.878	6.175	125.7E6	207.6E6	58.576	57.110
19)	B Endosulfa...	7.111	6.398	154.1E6	268.2E6	53.613	52.730
20)	A Methoxychlor	7.456	6.677	78302387	143.6E6	53.327	52.384
21)	B Endrin ke...	7.590	6.902	162.8E6	314.7E6	54.131	56.503
22)	Mirex	8.067	7.092	132.7E6	232.2E6	53.538m	53.257

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081625\
Data File : PL096828.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 18:05
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

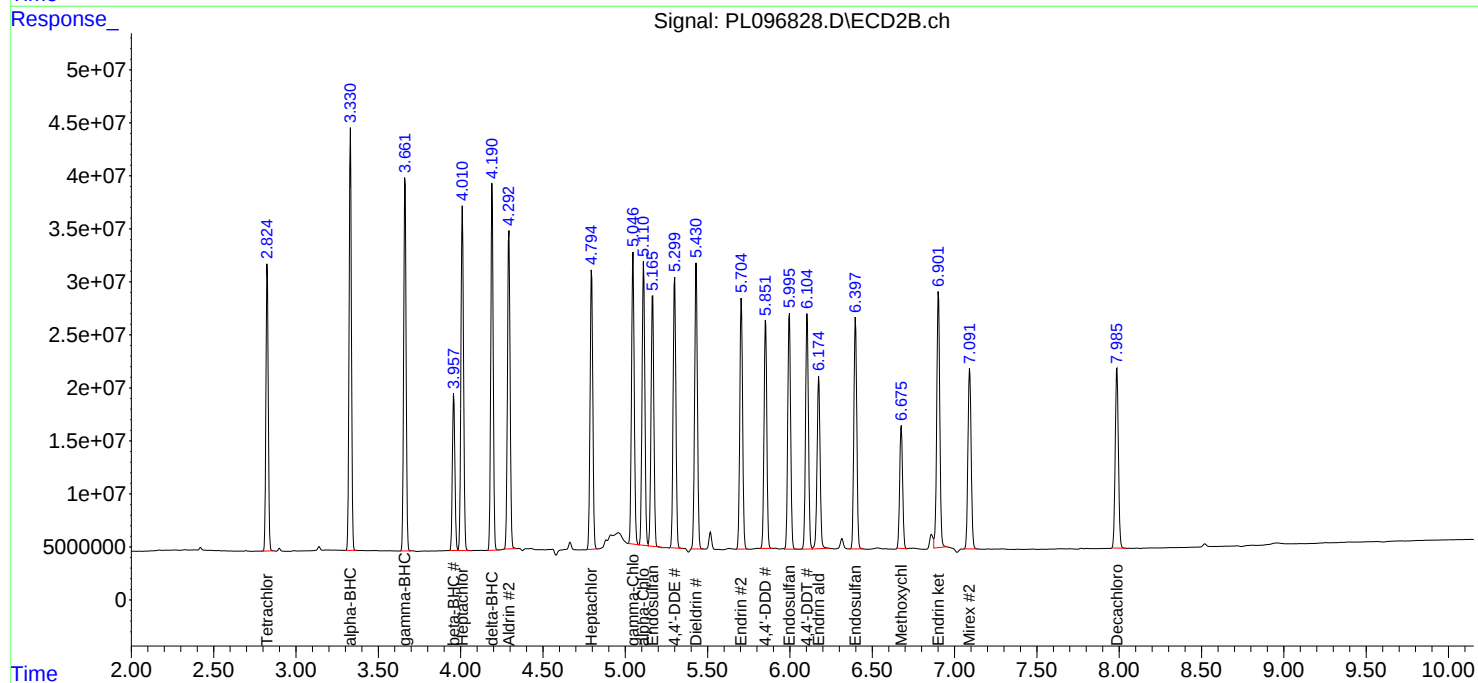
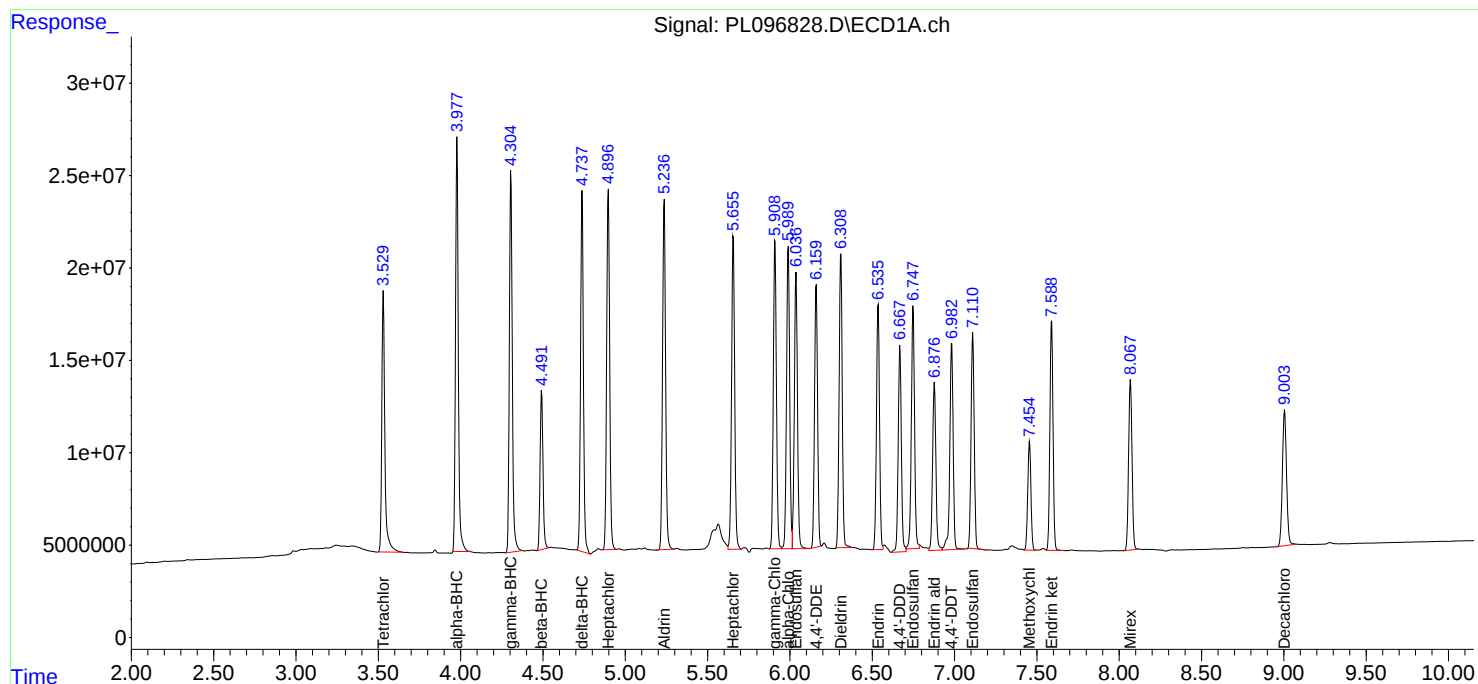
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

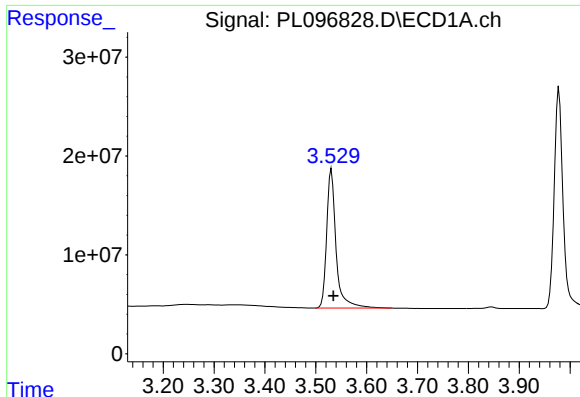
Manual Integrations
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Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 05:55:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 2025
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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





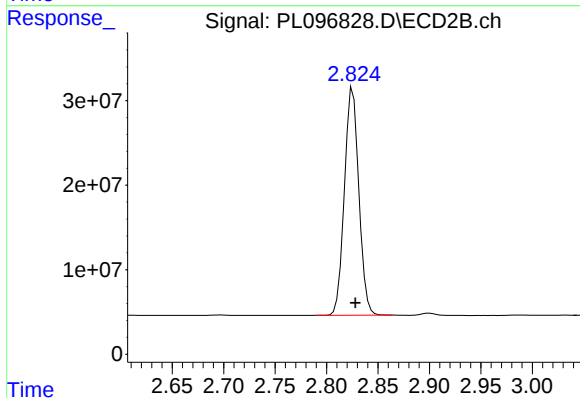
#1 Tetrachloro-m-xylene

R.T.: 3.531 min
Delta R.T.: -0.004 min
Response: 180784769
Conc: 56.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

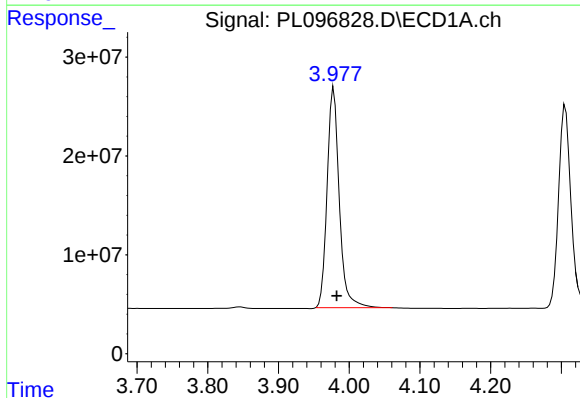
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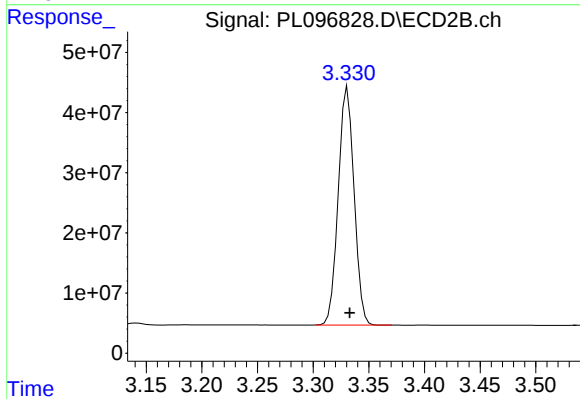
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.002 min
Response: 262561642
Conc: 54.95 ng/ml



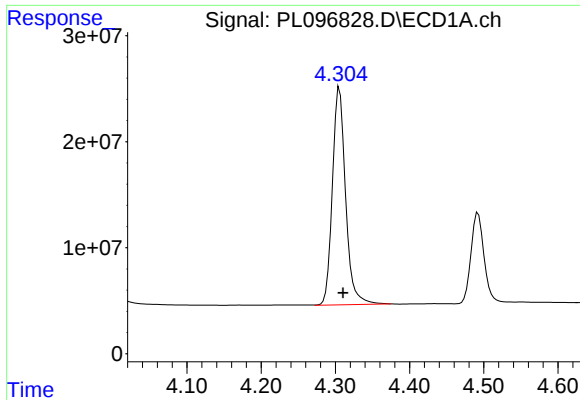
#2 alpha-BHC

R.T.: 3.978 min
Delta R.T.: -0.004 min
Response: 265600436
Conc: 57.41 ng/ml



#2 alpha-BHC

R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 391837029
Conc: 55.37 ng/ml



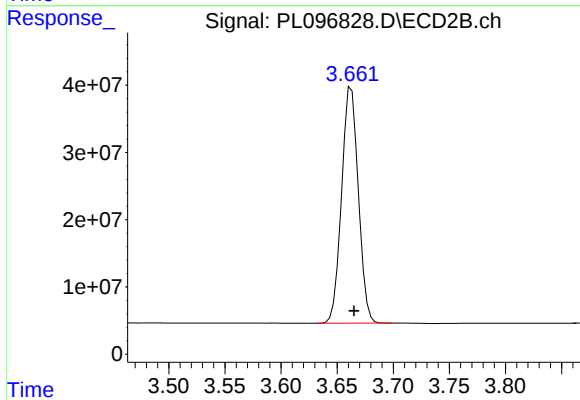
#3 gamma-BHC (Lindane)

R.T.: 4.304 min
Delta R.T.: -0.006 min
Response: 253789840
Conc: 57.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

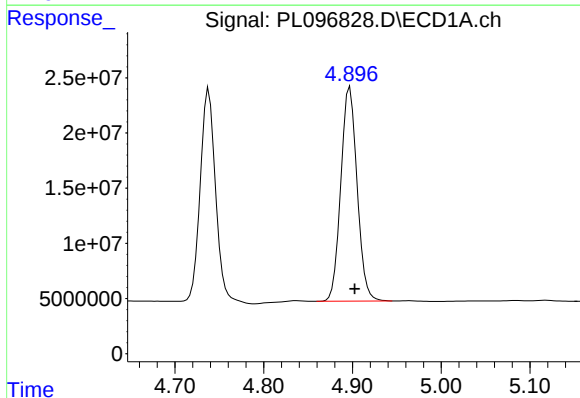
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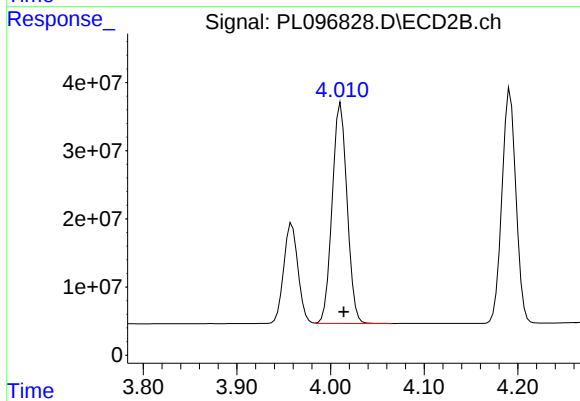
#3 gamma-BHC (Lindane)

R.T.: 3.663 min
Delta R.T.: -0.002 min
Response: 364194496
Conc: 55.15 ng/ml



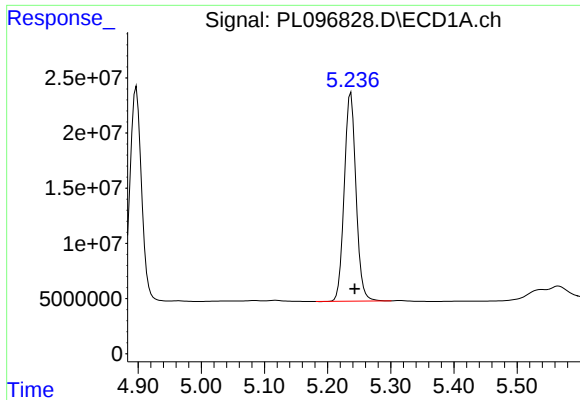
#4 Heptachlor

R.T.: 4.896 min
Delta R.T.: -0.007 min
Response: 247615227
Conc: 59.58 ng/ml m



#4 Heptachlor

R.T.: 4.011 min
Delta R.T.: -0.003 min
Response: 358273285
Conc: 53.78 ng/ml



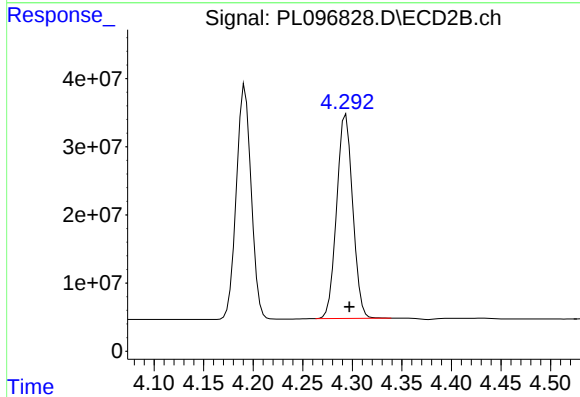
#5 Aldrin

R.T.: 5.237 min
Delta R.T.: -0.006 min
Response: 244022336
Conc: 56.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

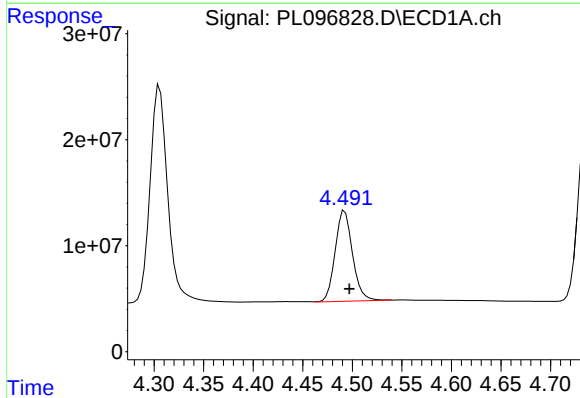
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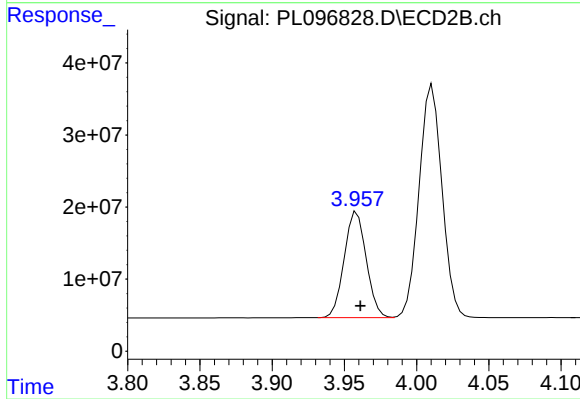
#5 Aldrin

R.T.: 4.294 min
Delta R.T.: -0.003 min
Response: 337308377
Conc: 54.34 ng/ml



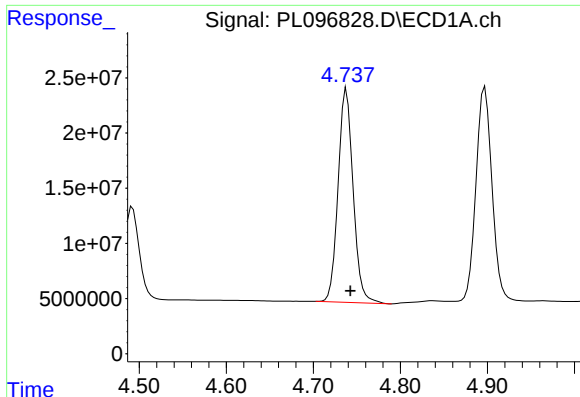
#6 beta-BHC

R.T.: 4.491 min
Delta R.T.: -0.006 min
Response: 103963562
Conc: 57.60 ng/ml m



#6 beta-BHC

R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 155535841
Conc: 55.14 ng/ml



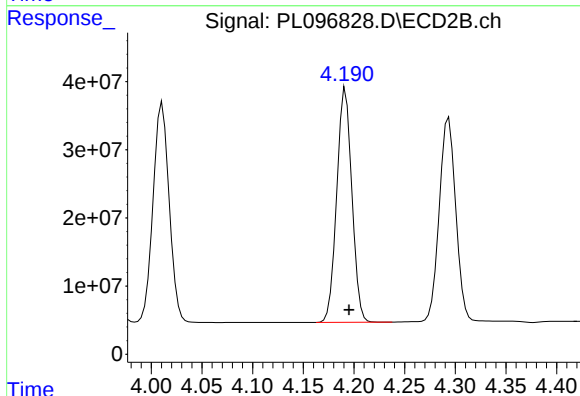
#7 delta-BHC

R.T.: 4.738 min
Delta R.T.: -0.004 min
Response: 233150376
Conc: 58.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

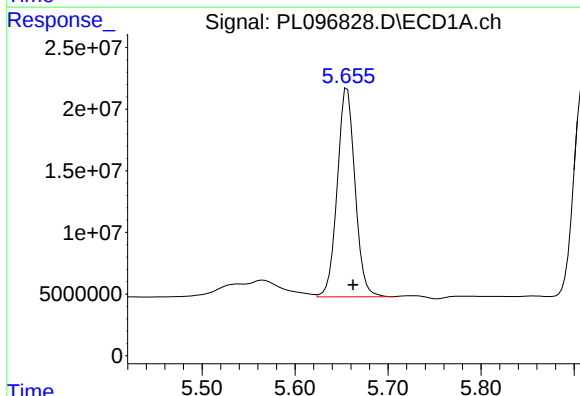
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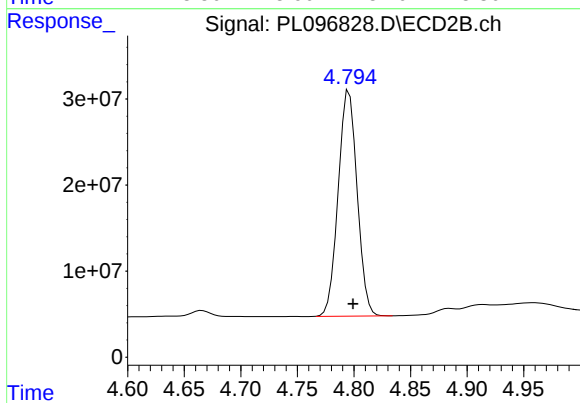
#7 delta-BHC

R.T.: 4.192 min
Delta R.T.: -0.003 min
Response: 357192657
Conc: 55.18 ng/ml



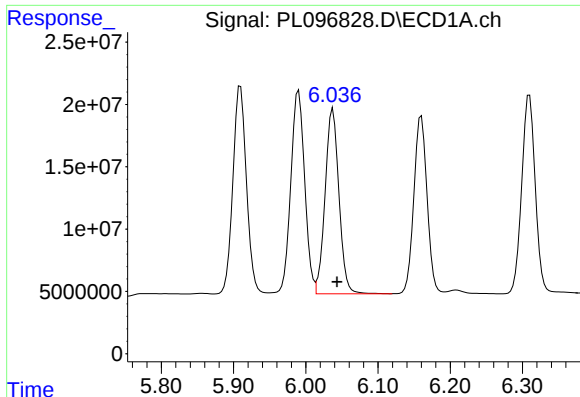
#8 Heptachlor epoxide

R.T.: 5.656 min
Delta R.T.: -0.006 min
Response: 224665911
Conc: 58.26 ng/ml



#8 Heptachlor epoxide

R.T.: 4.796 min
Delta R.T.: -0.003 min
Response: 305967969
Conc: 53.57 ng/ml



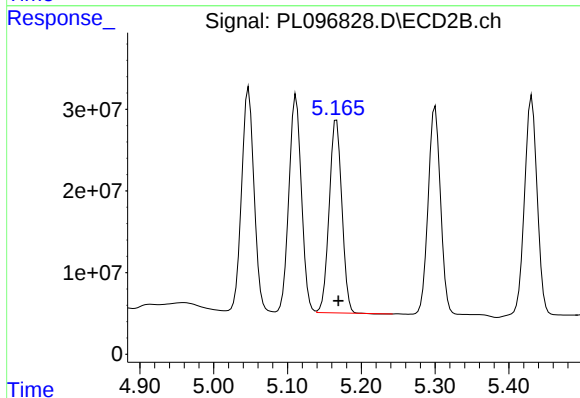
#9 Endosulfan I

R.T.: 6.038 min
Delta R.T.: -0.006 min
Response: 198508279
Conc: 55.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

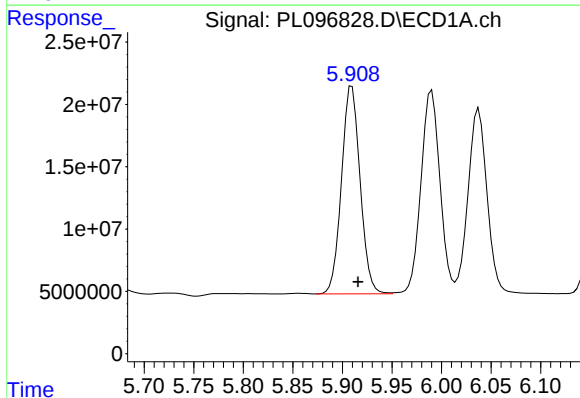
Manual Integrations
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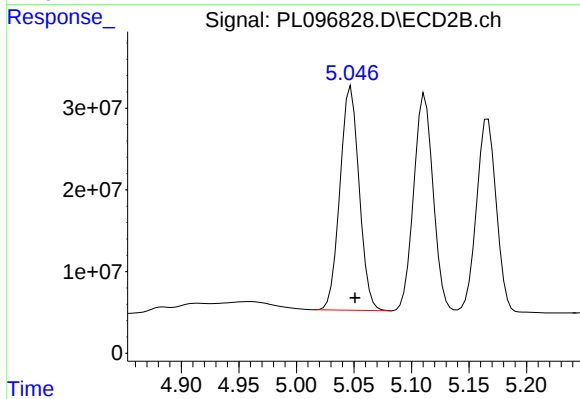
#9 Endosulfan I

R.T.: 5.166 min
Delta R.T.: -0.003 min
Response: 281573435
Conc: 50.90 ng/ml



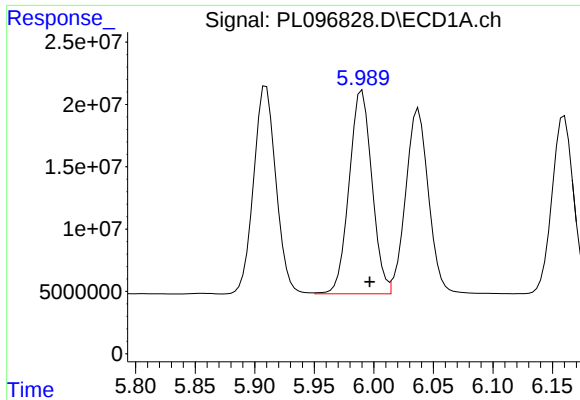
#10 gamma-Chlordane

R.T.: 5.910 min
Delta R.T.: -0.006 min
Response: 217933444
Conc: 57.27 ng/ml



#10 gamma-Chlordane

R.T.: 5.047 min
Delta R.T.: -0.004 min
Response: 319111731
Conc: 54.27 ng/ml



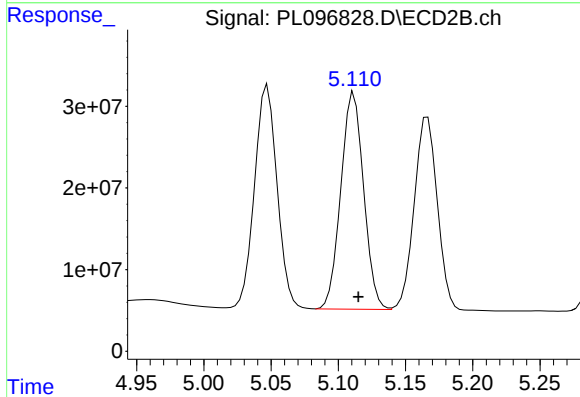
#11 alpha-Chlordane

R.T.: 5.990 min
Delta R.T.: -0.006 min
Response: 217573409
Conc: 56.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

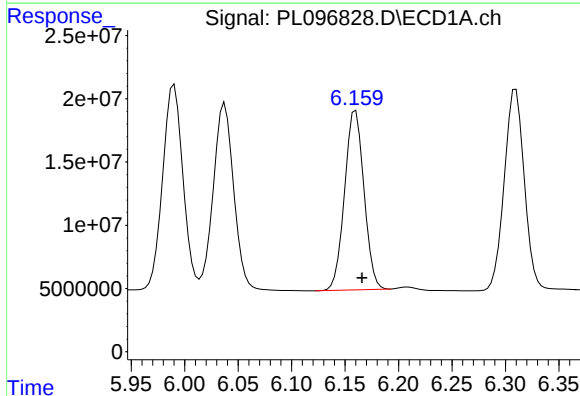
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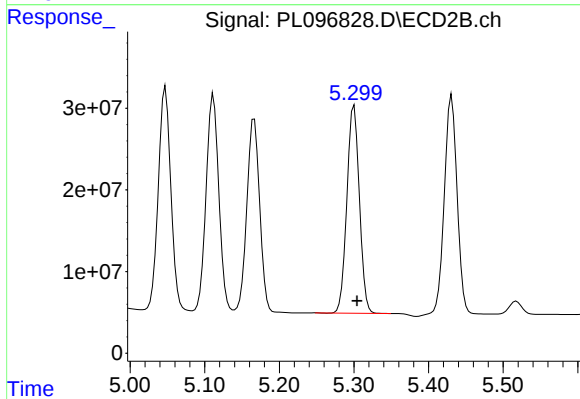
#11 alpha-Chlordane

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 312970390
Conc: 53.06 ng/ml



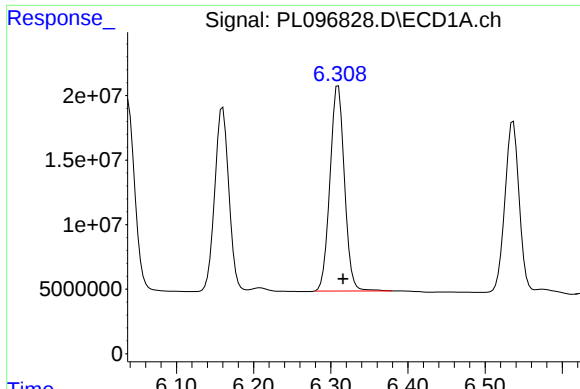
#12 4,4'-DDE

R.T.: 6.160 min
Delta R.T.: -0.006 min
Response: 179083022
Conc: 55.77 ng/ml



#12 4,4'-DDE

R.T.: 5.300 min
Delta R.T.: -0.004 min
Response: 295499974
Conc: 53.59 ng/ml



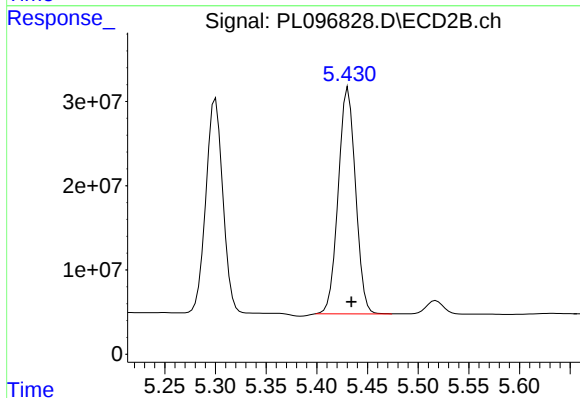
#13 Dieldrin

R.T.: 6.310 min
Delta R.T.: -0.006 min
Response: 208146865
Conc: 56.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

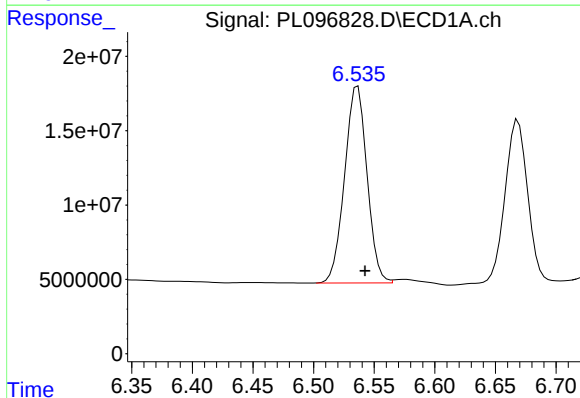
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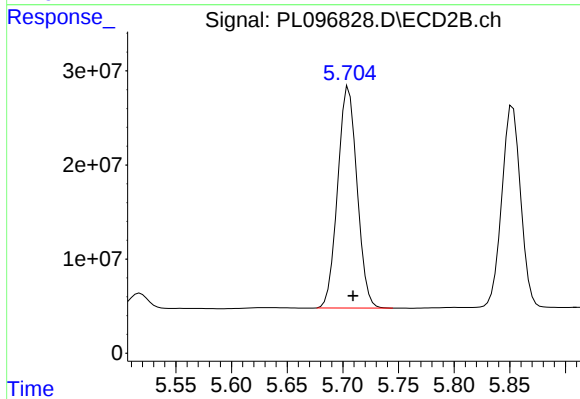
#13 Dieldrin

R.T.: 5.430 min
Delta R.T.: -0.004 min
Response: 318371693
Conc: 53.90 ng/ml m



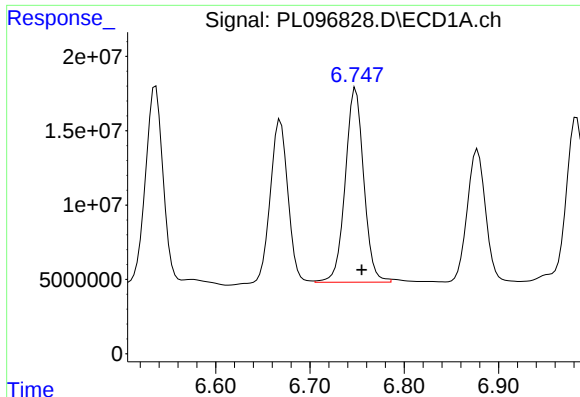
#14 Endrin

R.T.: 6.535 min
Delta R.T.: -0.007 min
Response: 170590132
Conc: 56.36 ng/ml m



#14 Endrin

R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 285083802
Conc: 52.74 ng/ml



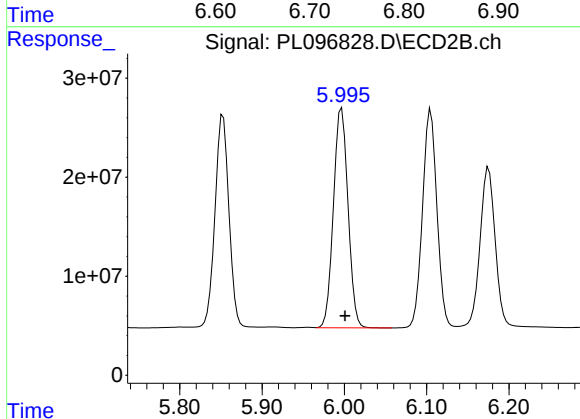
#15 Endosulfan II

R.T.: 6.747 min
Delta R.T.: -0.008 min
Response: 178261308
Conc: 55.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

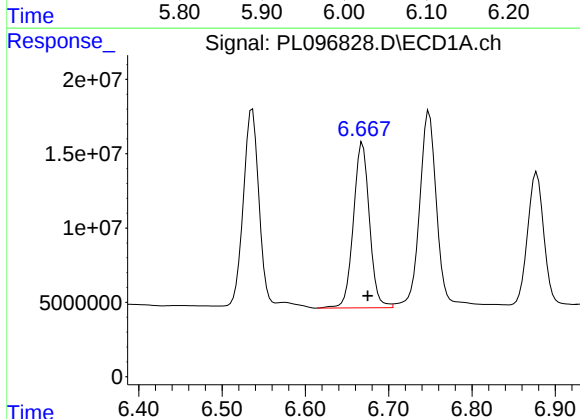
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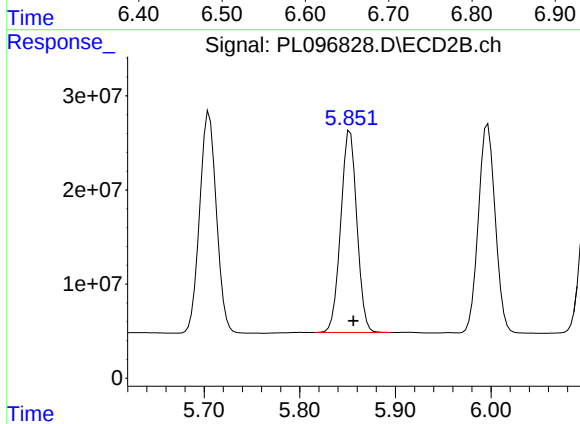
#15 Endosulfan II

R.T.: 5.997 min
Delta R.T.: -0.004 min
Response: 272979738
Conc: 53.15 ng/ml



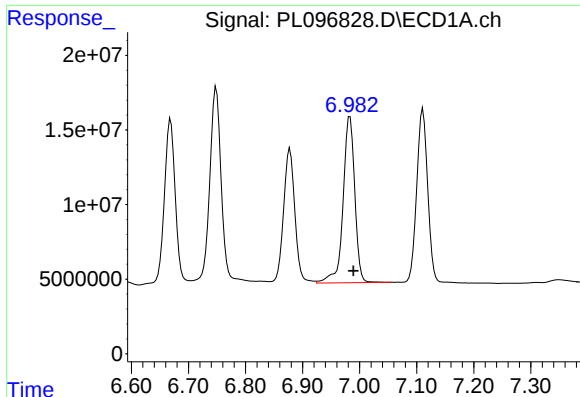
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: -0.006 min
Response: 148842821
Conc: 58.87 ng/ml



#16 4,4'-DDD

R.T.: 5.853 min
Delta R.T.: -0.003 min
Response: 252433717
Conc: 53.65 ng/ml



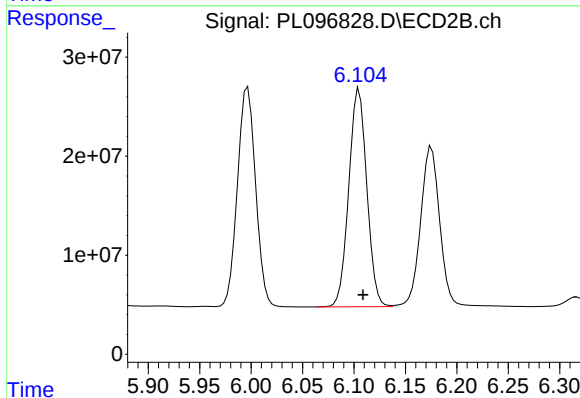
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: -0.006 min
Response: 158848972
Conc: 55.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

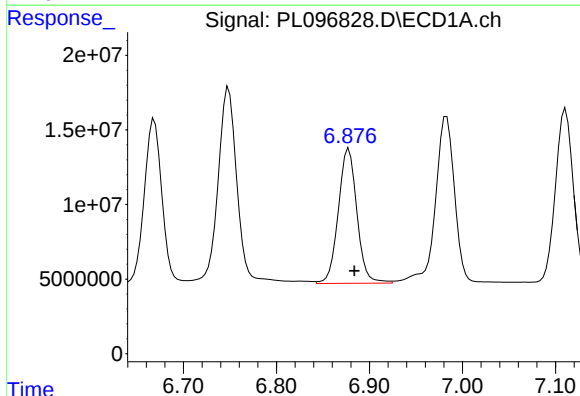
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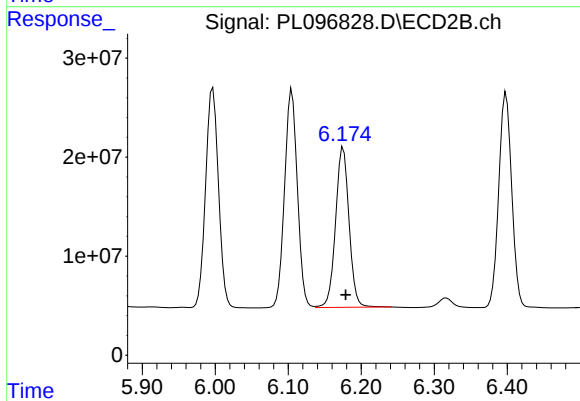
#17 4,4'-DDT

R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 268739257
Conc: 53.13 ng/ml



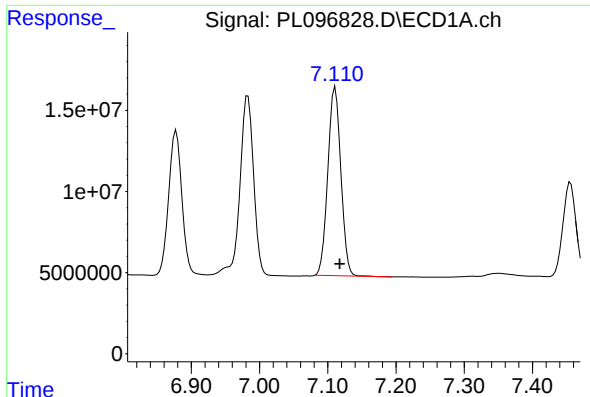
#18 Endrin aldehyde

R.T.: 6.878 min
Delta R.T.: -0.006 min
Response: 125699655
Conc: 58.58 ng/ml



#18 Endrin aldehyde

R.T.: 6.175 min
Delta R.T.: -0.004 min
Response: 207597724
Conc: 57.11 ng/ml



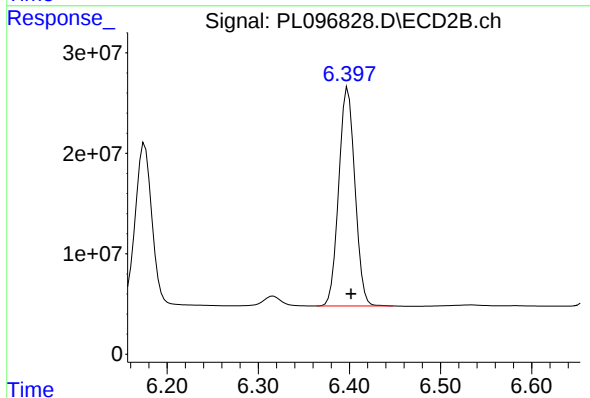
#19 Endosulfan Sulfate

R.T.: 7.111 min
Delta R.T.: -0.007 min
Response: 154065949
Conc: 53.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

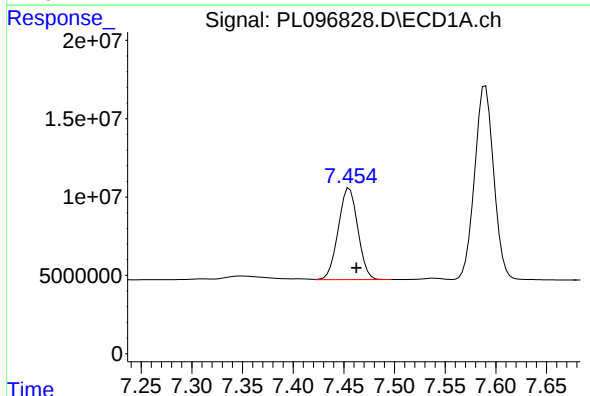
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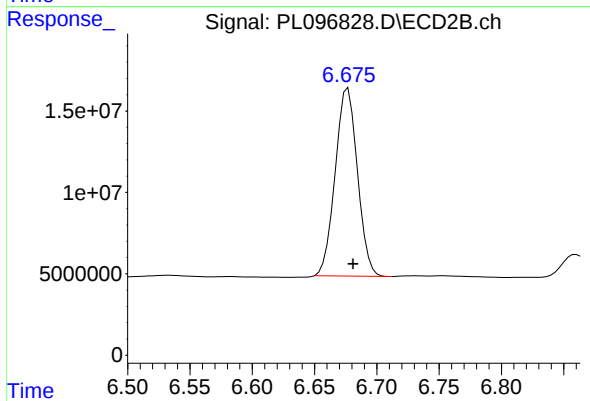
#19 Endosulfan Sulfate

R.T.: 6.398 min
Delta R.T.: -0.004 min
Response: 268193619
Conc: 52.73 ng/ml



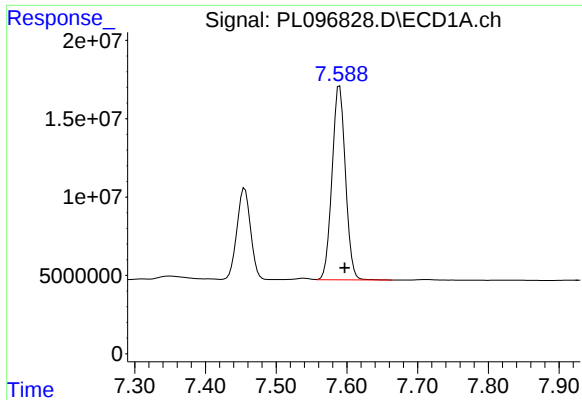
#20 Methoxychlor

R.T.: 7.456 min
Delta R.T.: -0.007 min
Response: 78302387
Conc: 53.33 ng/ml



#20 Methoxychlor

R.T.: 6.677 min
Delta R.T.: -0.004 min
Response: 143559352
Conc: 52.38 ng/ml



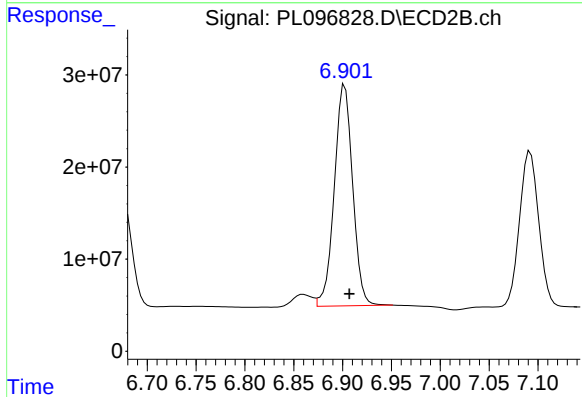
#21 Endrin ketone

R.T.: 7.590 min
Delta R.T.: -0.007 min
Response: 162756760
Conc: 54.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

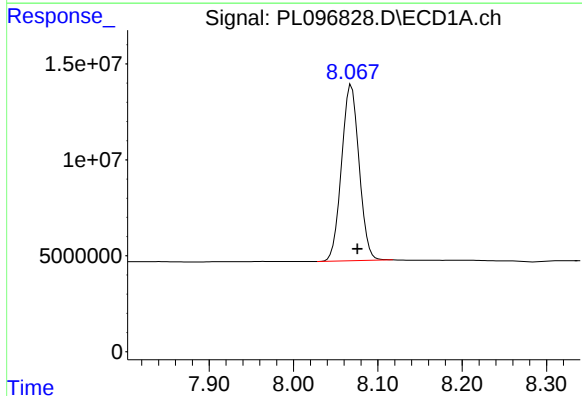
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/21/2025



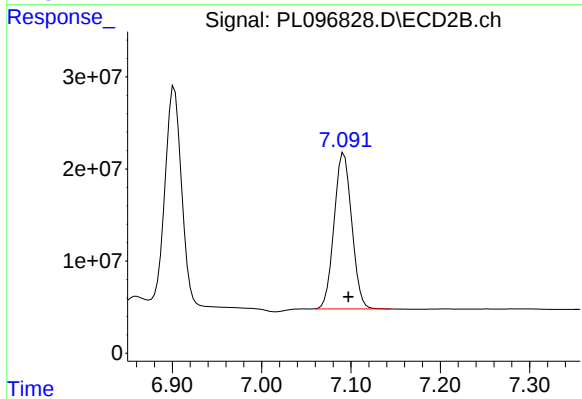
#21 Endrin ketone

R.T.: 6.902 min
Delta R.T.: -0.005 min
Response: 314706868
Conc: 56.50 ng/ml



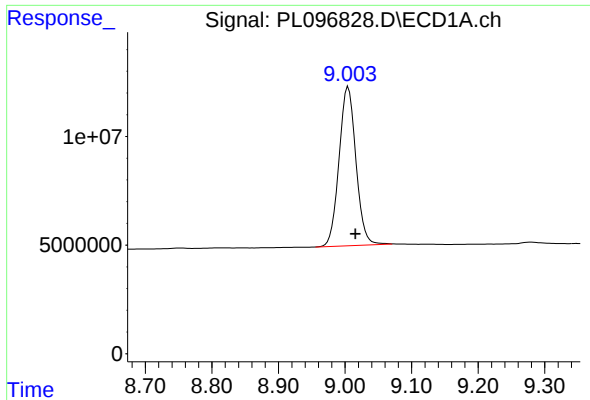
#22 Mirex

R.T.: 8.067 min
Delta R.T.: -0.009 min
Response: 132739312
Conc: 53.54 ng/ml m



#22 Mirex

R.T.: 7.092 min
Delta R.T.: -0.005 min
Response: 232248246
Conc: 53.26 ng/ml



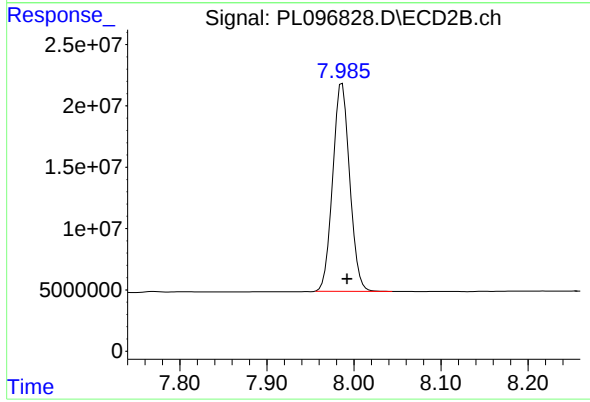
#28 Decachlorobiphenyl

R.T.: 9.003 min
Delta R.T.: -0.012 min
Response: 129052895
Conc: 54.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/21/2025



#28 Decachlorobiphenyl

R.T.: 7.986 min
Delta R.T.: -0.006 min
Response: 229997908
Conc: 53.02 ng/ml