

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082025\
 Data File : PL096928.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2025 17:20
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/21/2025
 Supervised By :mohammad ahmed 08/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 05:58:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 05:56:02 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...	3.528	2.823	20249747	29596056	5.113	5.245
28) SA Decachlor...	9.003	7.985	16339862	27521855	5.620	5.886
Target Compounds						
2) A alpha-BHC	3.976	3.328	27510813	38989630	4.665	4.640
3) MA gamma-BHC...	4.303	3.660	26473012	36528242	4.785	4.874
4) MA Heptachlor	4.895	4.009	27443413	38630412	5.131	5.094
5) MB Aldrin	5.234	4.291	27038375	35108130	5.143	4.932
6) B beta-BHC	4.490	3.957	12297035	17996934	5.393	5.588
7) B delta-BHC	4.734	4.189	21821472	35644806	4.737m	4.757
8) B Heptachlo...	5.653	4.793	34172338	33202913	7.176	5.241 #
9) A Endosulfan I	6.036	5.164	22702017	31557852	5.316	5.283
10) B gamma-Chl...	5.908	5.045	23884731	33559167	5.194	5.032
11) B alpha-Chl...	5.988	5.109	25376373	33924978	5.456	5.183
12) B 4,4'-DDE	6.158	5.297	19992767	30279704	4.985	4.858
13) MA Dieldrin	6.307	5.428	22770112	33008638	4.995	4.997
14) MA Endrin	6.533	5.703	18313497	30128263	4.847	5.097
15) B Endosulfa...	6.746	5.994	26909858	29870980	6.473	5.214
16) A 4,4'-DDD	6.666	5.850	14861041	26214861	4.616	4.991
17) MA 4,4'-DDT	6.980	6.102	16640756	25873598	4.689	4.636
18) B Endrin al...	6.875	6.172	13404468	36327815	5.132	8.603 #
19) B Endosulfa...	7.108	6.396	17783728	30064159	5.200	5.411
20) A Methoxychlor	7.454	6.675	8625200	15681297	4.934	5.223
21) B Endrin ke...	7.588	6.900	18028665	36117033	5.056	5.954
22) Mirex	8.067	7.090	16756284	28727959	5.718	6.114

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082025\
Data File : PL096928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2025 17:20
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

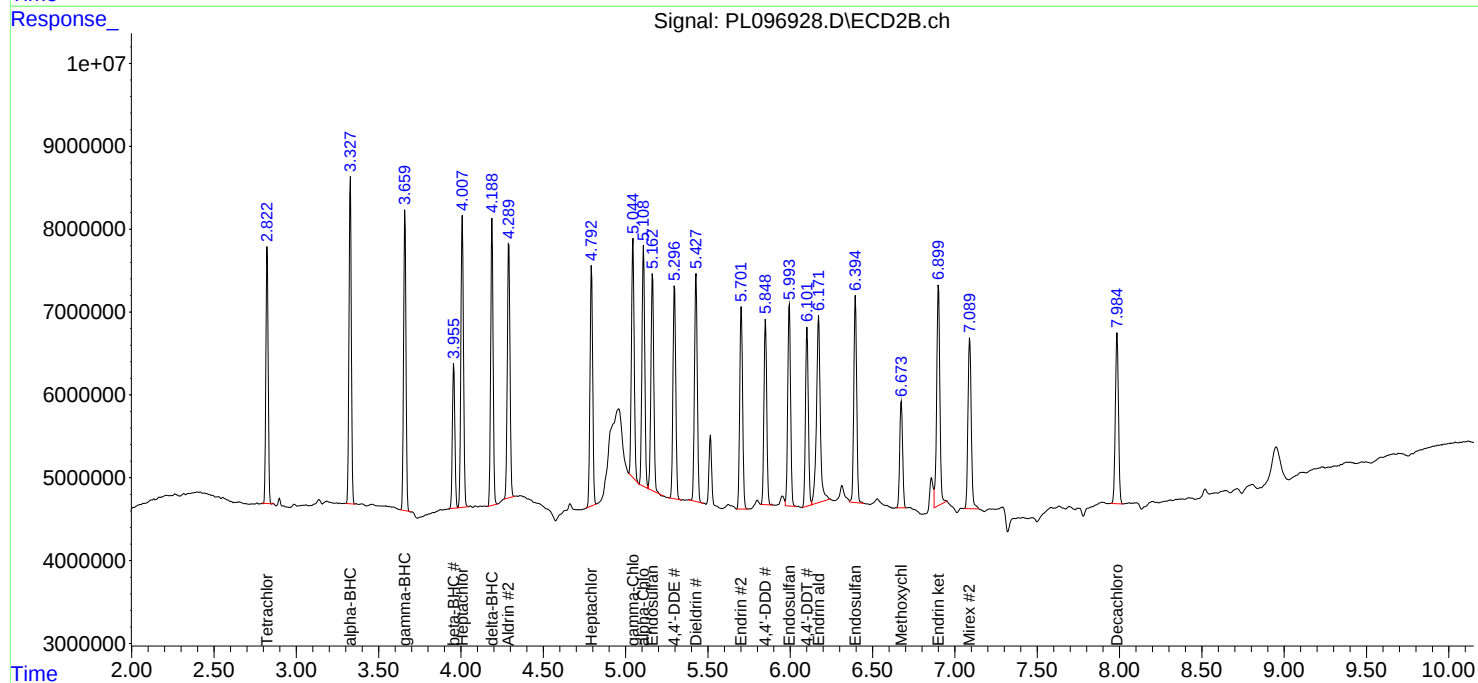
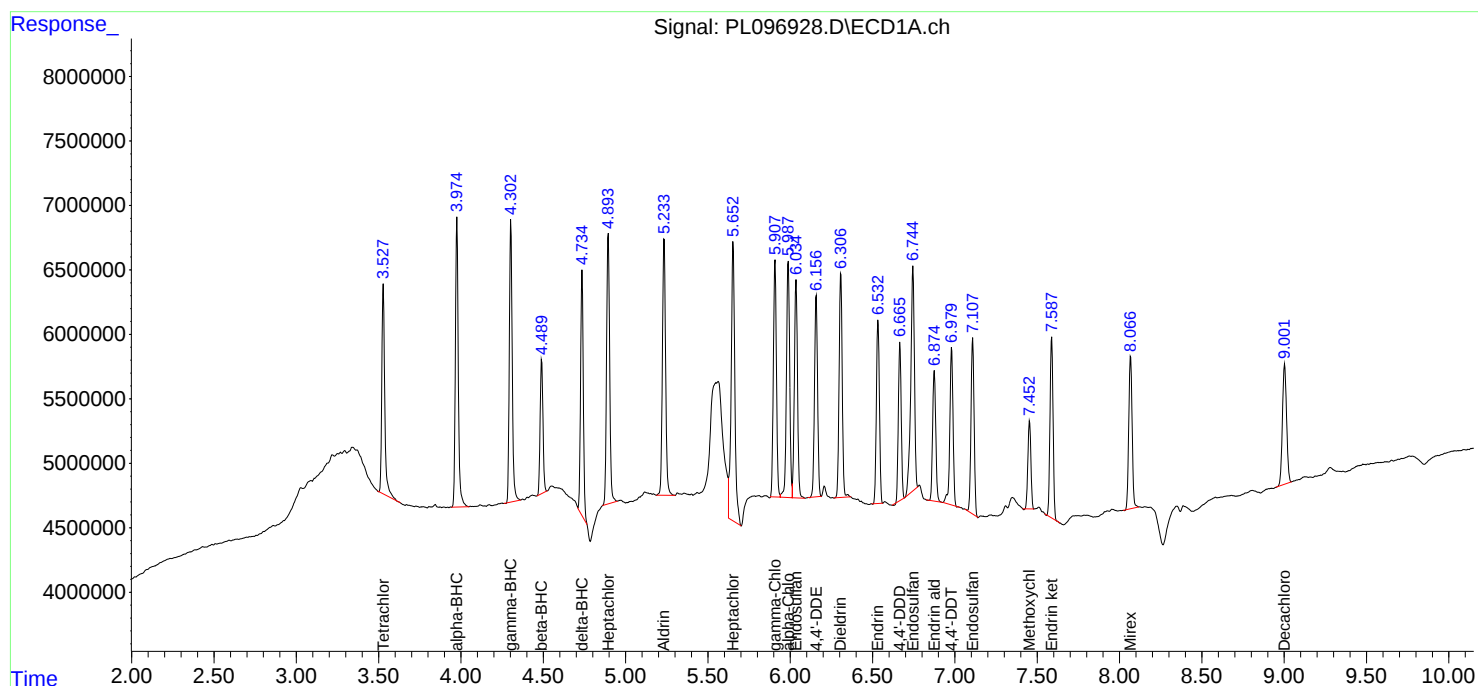
Instrument :
ECD_L
ClientSampleId :
PSTDICC005

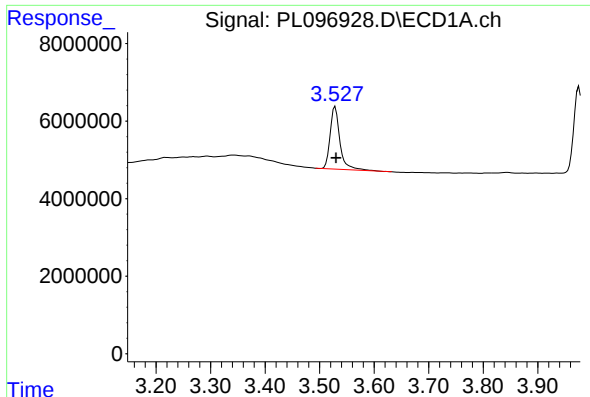
Manual Integrations
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Supervised By :mohammad ahmed 08/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 21 05:58:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 05:56:02 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





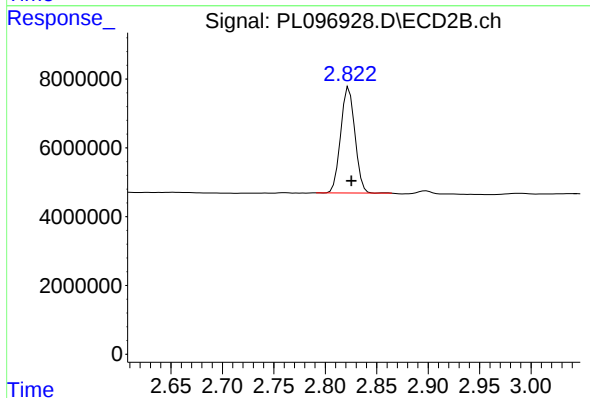
#1 Tetrachloro-m-xylene

R.T.: 3.528 min
Delta R.T.: -0.002 min
Response: 20249747
Conc: 5.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

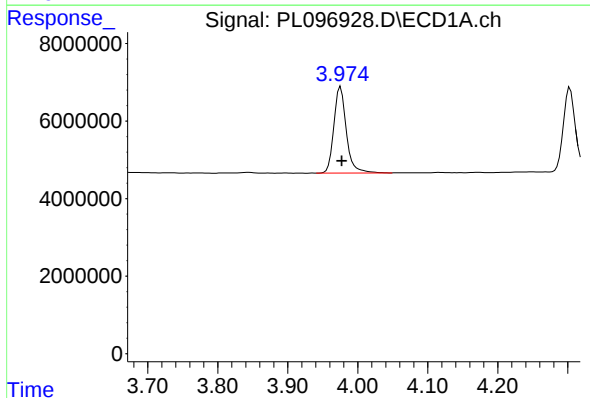
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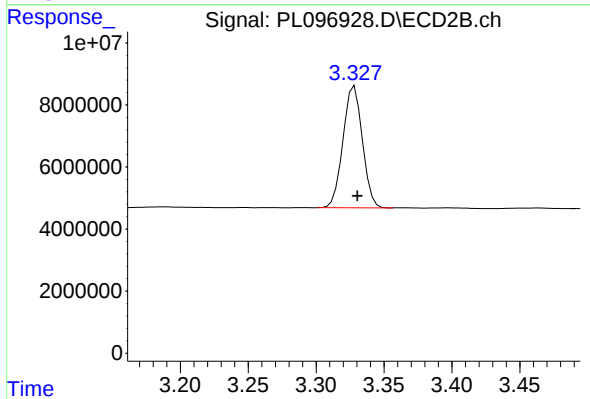
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: -0.002 min
Response: 29596056
Conc: 5.25 ng/ml



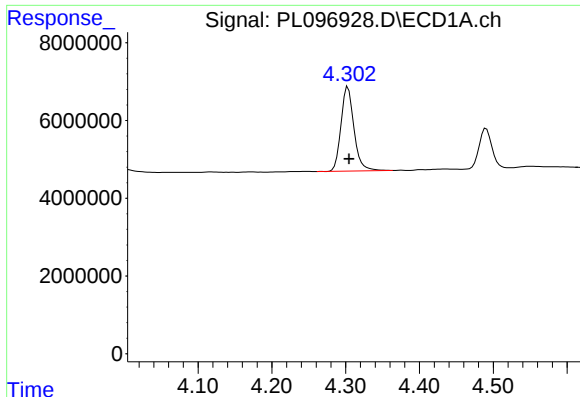
#2 alpha-BHC

R.T.: 3.976 min
Delta R.T.: -0.002 min
Response: 27510813
Conc: 4.66 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: -0.002 min
Response: 38989630
Conc: 4.64 ng/ml



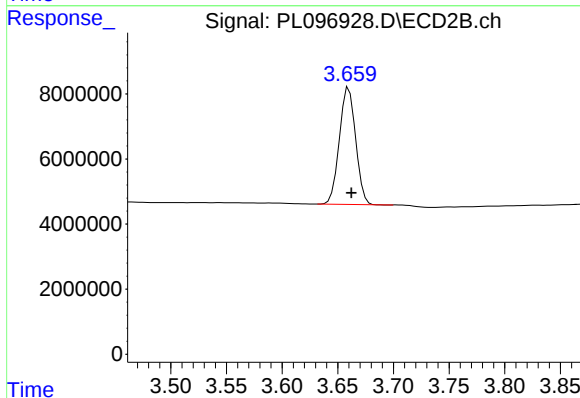
#3 gamma-BHC (Lindane)

R.T.: 4.303 min
Delta R.T.: -0.001 min
Response: 26473012
Conc: 4.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

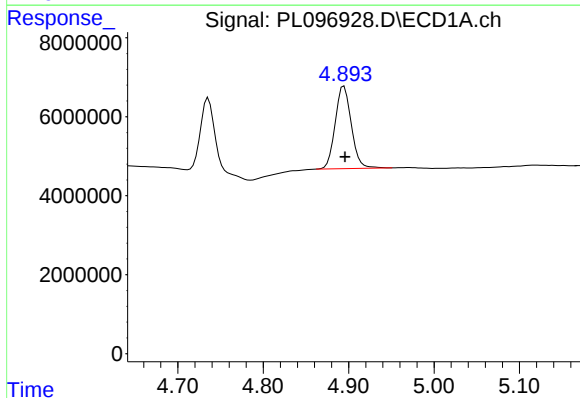
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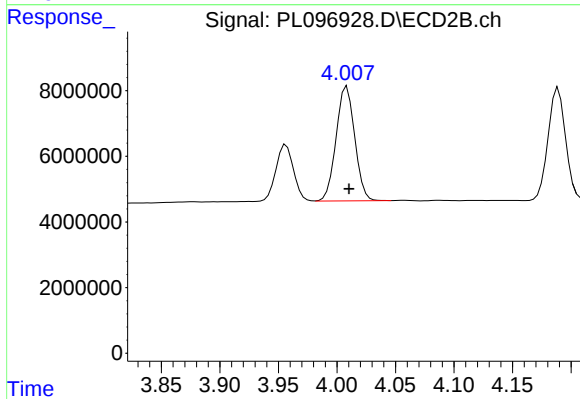
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: -0.002 min
Response: 36528242
Conc: 4.87 ng/ml



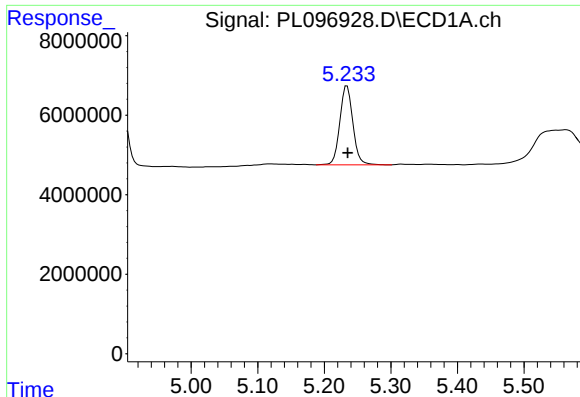
#4 Heptachlor

R.T.: 4.895 min
Delta R.T.: -0.001 min
Response: 27443413
Conc: 5.13 ng/ml



#4 Heptachlor

R.T.: 4.009 min
Delta R.T.: -0.002 min
Response: 38630412
Conc: 5.09 ng/ml



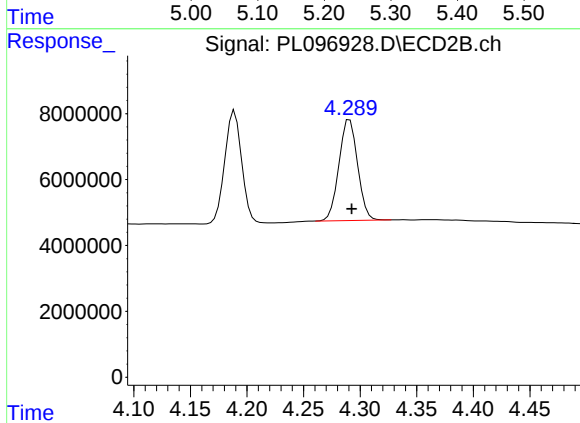
#5 Aldrin

R.T.: 5.234 min
Delta R.T.: 0.000 min
Response: 27038375
Conc: 5.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

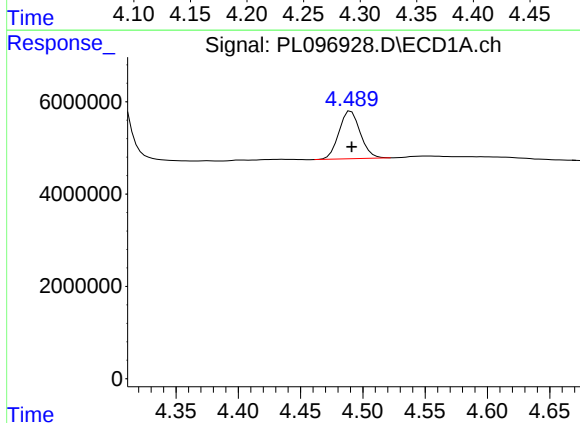
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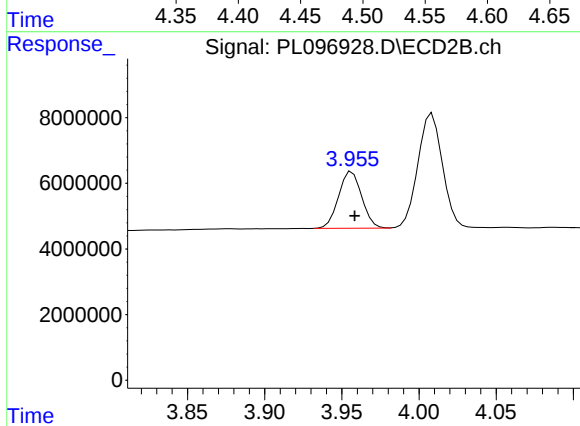
#5 Aldrin

R.T.: 4.291 min
Delta R.T.: -0.002 min
Response: 35108130
Conc: 4.93 ng/ml



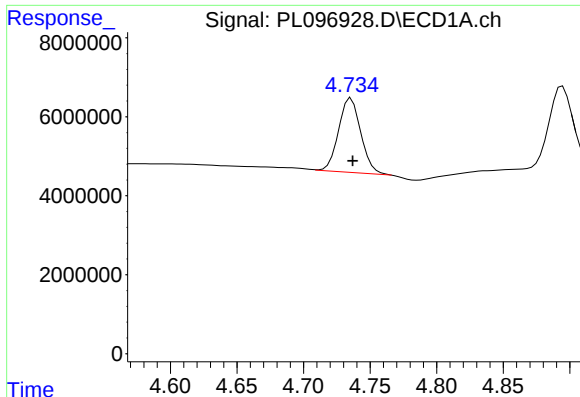
#6 beta-BHC

R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 12297035
Conc: 5.39 ng/ml



#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: -0.002 min
Response: 17996934
Conc: 5.59 ng/ml



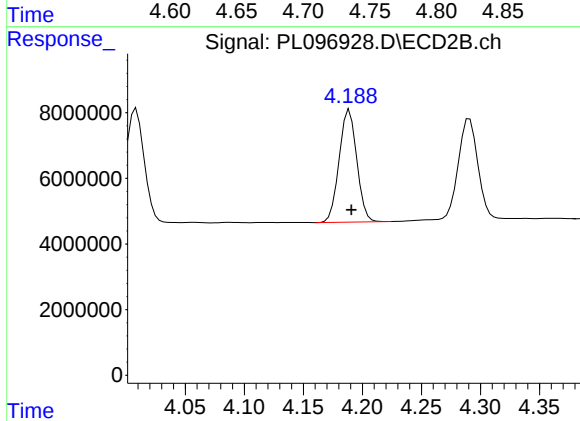
#7 delta-BHC

R.T.: 4.734 min
Delta R.T.: -0.003 min
Response: 21821472
Conc: 4.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

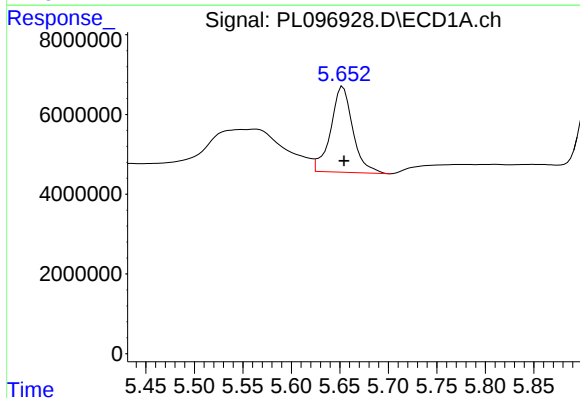
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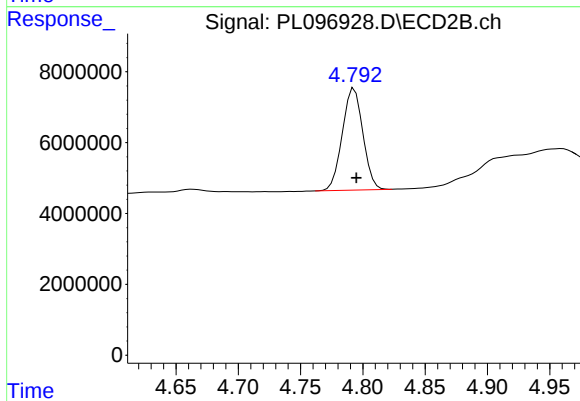
#7 delta-BHC

R.T.: 4.189 min
Delta R.T.: -0.002 min
Response: 35644806
Conc: 4.76 ng/ml



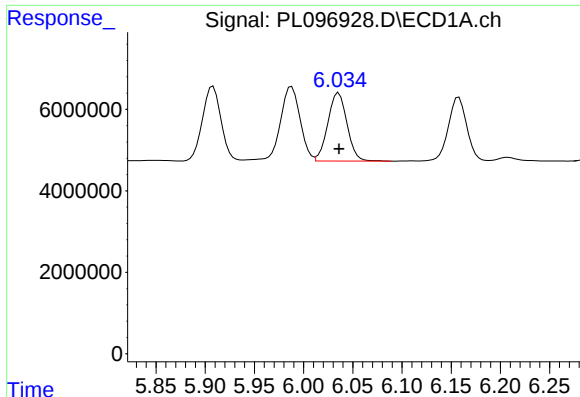
#8 Heptachlor epoxide

R.T.: 5.653 min
Delta R.T.: -0.001 min
Response: 34172338
Conc: 7.18 ng/ml



#8 Heptachlor epoxide

R.T.: 4.793 min
Delta R.T.: -0.002 min
Response: 33202913
Conc: 5.24 ng/ml



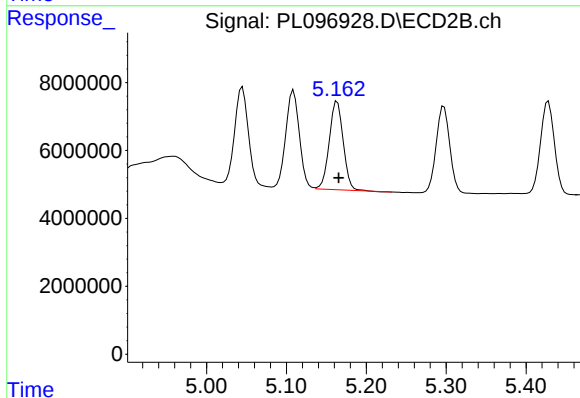
#9 Endosulfan I

R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 22702017
Conc: 5.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

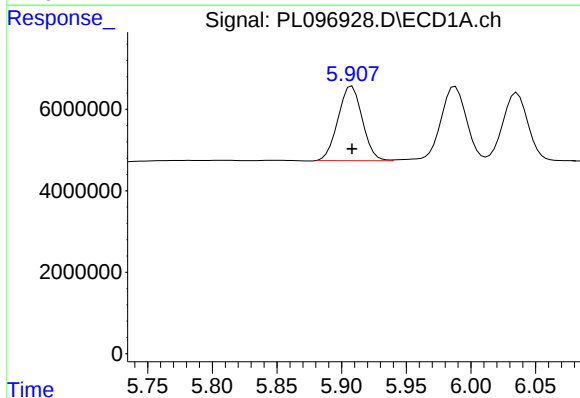
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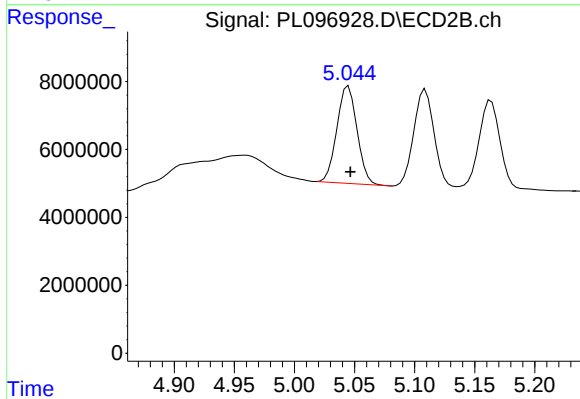
#9 Endosulfan I

R.T.: 5.164 min
Delta R.T.: -0.002 min
Response: 31557852
Conc: 5.28 ng/ml



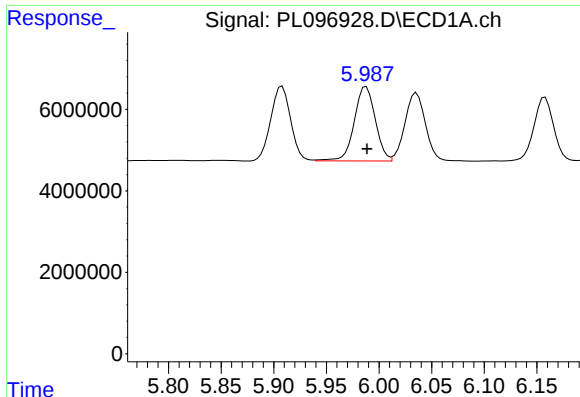
#10 gamma-Chlordane

R.T.: 5.908 min
Delta R.T.: 0.000 min
Response: 23884731
Conc: 5.19 ng/ml



#10 gamma-Chlordane

R.T.: 5.045 min
Delta R.T.: -0.002 min
Response: 33559167
Conc: 5.03 ng/ml



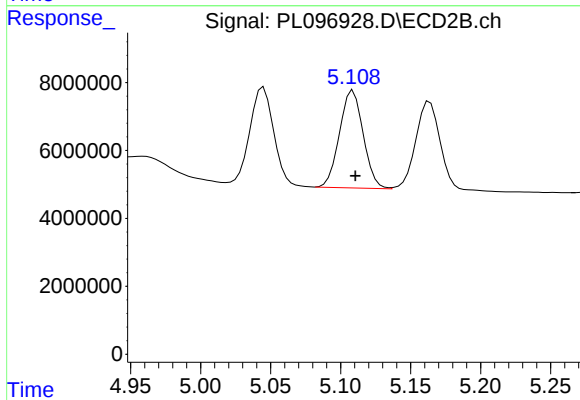
#11 alpha-Chlordane

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 25376373
Conc: 5.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

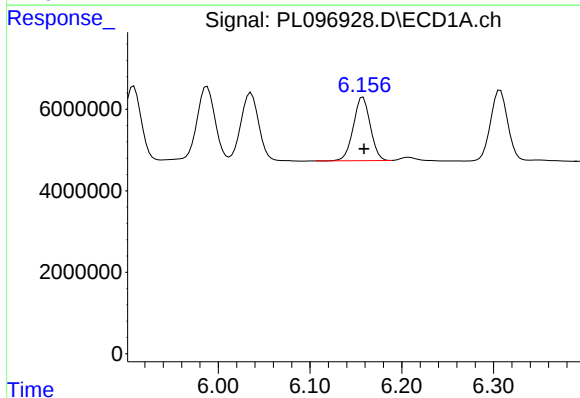
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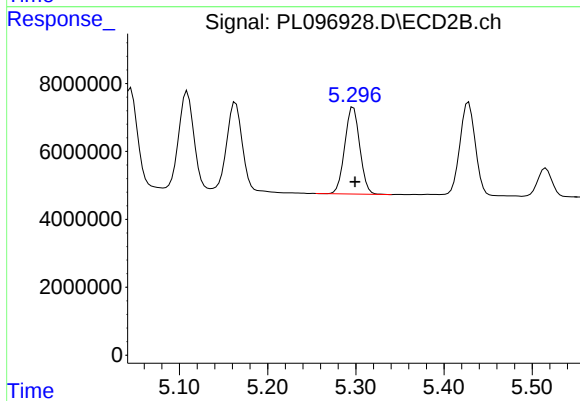
#11 alpha-Chlordane

R.T.: 5.109 min
Delta R.T.: -0.002 min
Response: 33924978
Conc: 5.18 ng/ml



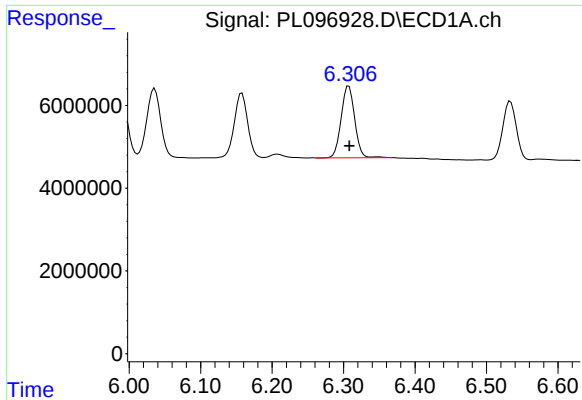
#12 4,4'-DDE

R.T.: 6.158 min
Delta R.T.: -0.001 min
Response: 19992767
Conc: 4.98 ng/ml



#12 4,4'-DDE

R.T.: 5.297 min
Delta R.T.: -0.002 min
Response: 30279704
Conc: 4.86 ng/ml



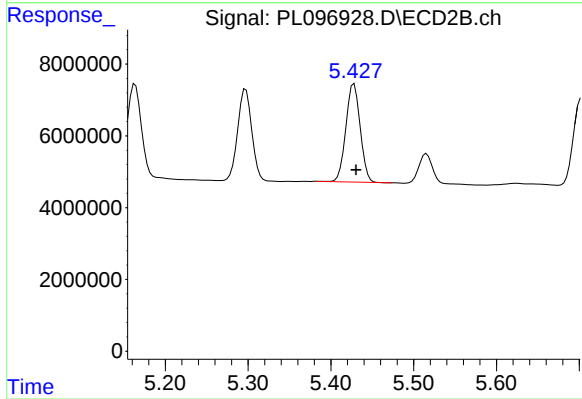
#13 Dieldrin

R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 22770112
Conc: 4.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

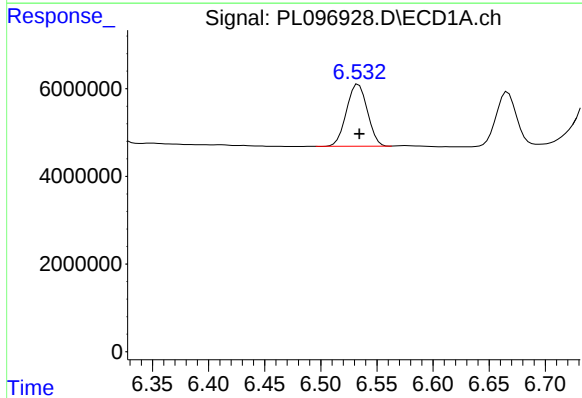
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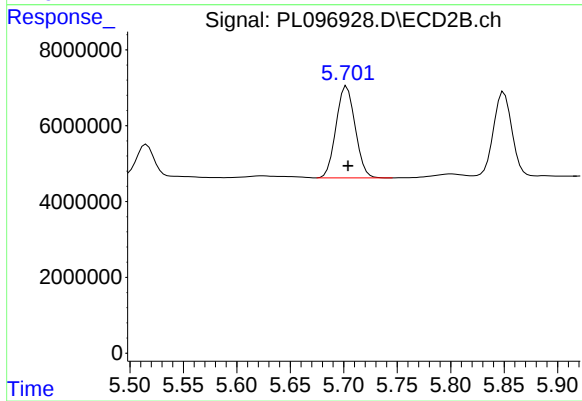
#13 Dieldrin

R.T.: 5.428 min
Delta R.T.: -0.002 min
Response: 33008638
Conc: 5.00 ng/ml



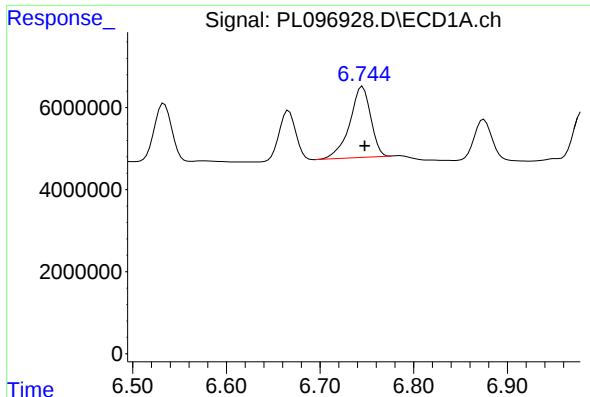
#14 Endrin

R.T.: 6.533 min
Delta R.T.: 0.000 min
Response: 18313497
Conc: 4.85 ng/ml



#14 Endrin

R.T.: 5.703 min
Delta R.T.: -0.001 min
Response: 30128263
Conc: 5.10 ng/ml



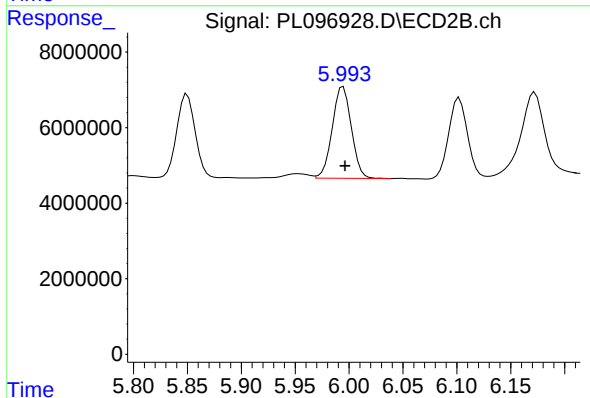
#15 Endosulfan II

R.T.: 6.746 min
Delta R.T.: -0.002 min
Response: 26909858
Conc: 6.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

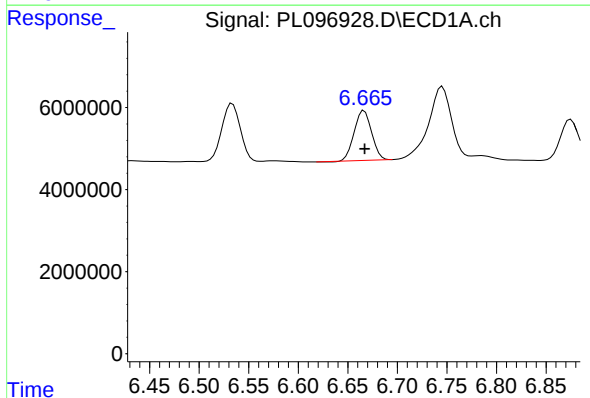
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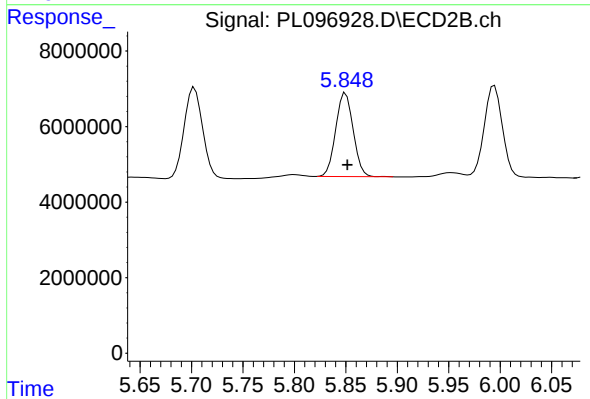
#15 Endosulfan II

R.T.: 5.994 min
Delta R.T.: -0.002 min
Response: 29870980
Conc: 5.21 ng/ml



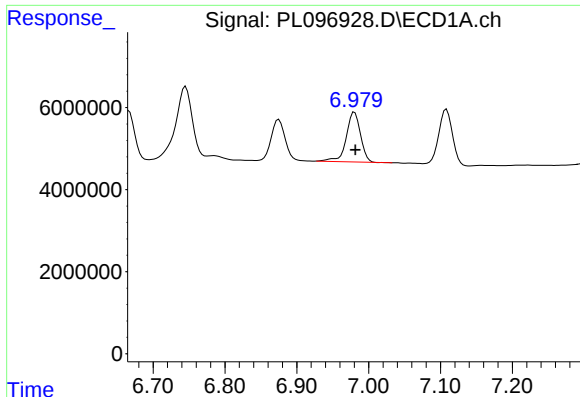
#16 4,4'-DDD

R.T.: 6.666 min
Delta R.T.: 0.000 min
Response: 14861041
Conc: 4.62 ng/ml



#16 4,4'-DDD

R.T.: 5.850 min
Delta R.T.: -0.002 min
Response: 26214861
Conc: 4.99 ng/ml



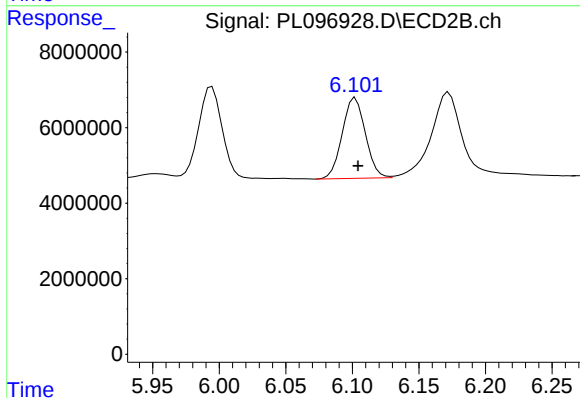
#17 4,4'-DDT

R.T.: 6.980 min
Delta R.T.: -0.001 min
Response: 16640756
Conc: 4.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

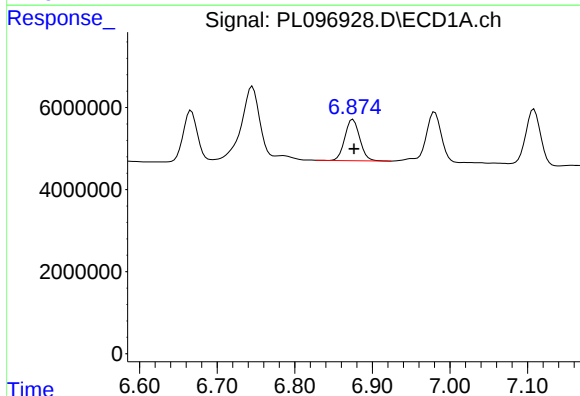
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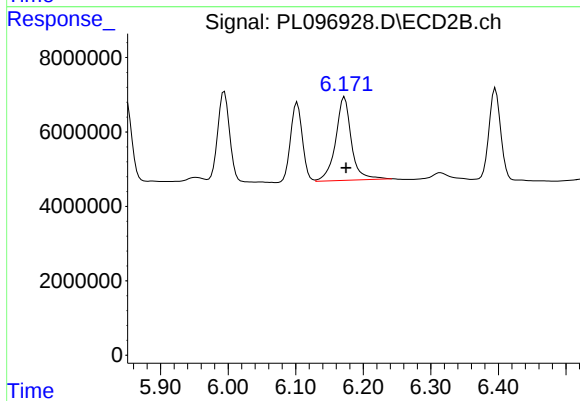
#17 4,4'-DDT

R.T.: 6.102 min
Delta R.T.: -0.002 min
Response: 25873598
Conc: 4.64 ng/ml



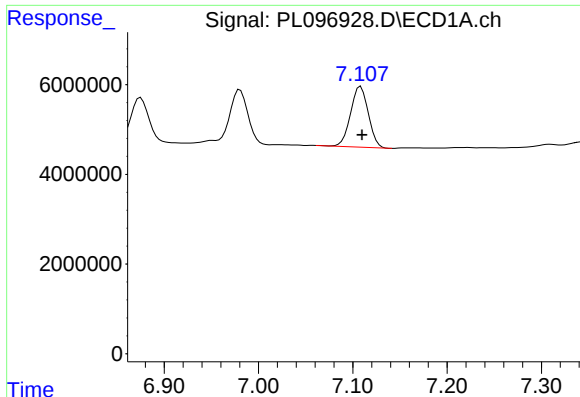
#18 Endrin aldehyde

R.T.: 6.875 min
Delta R.T.: -0.001 min
Response: 13404468
Conc: 5.13 ng/ml



#18 Endrin aldehyde

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 36327815
Conc: 8.60 ng/ml



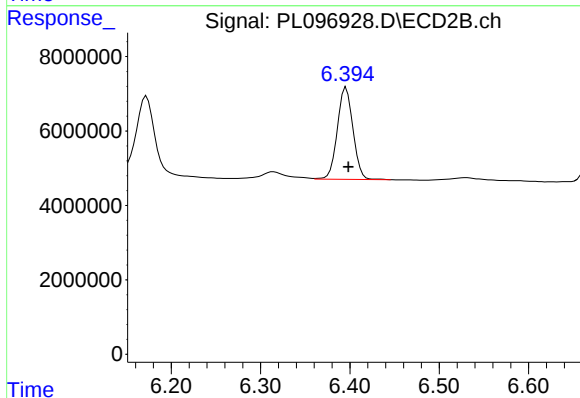
#19 Endosulfan Sulfate

R.T.: 7.108 min
Delta R.T.: -0.002 min
Response: 17783728
Conc: 5.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

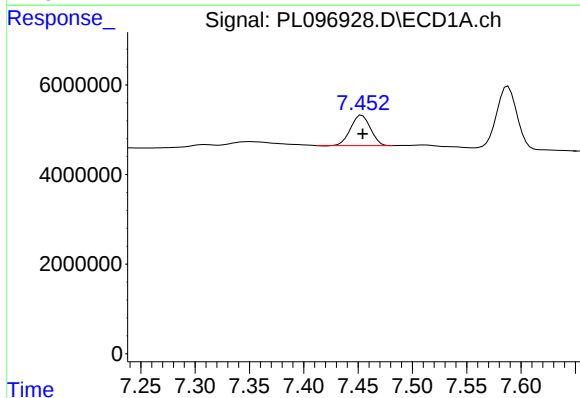
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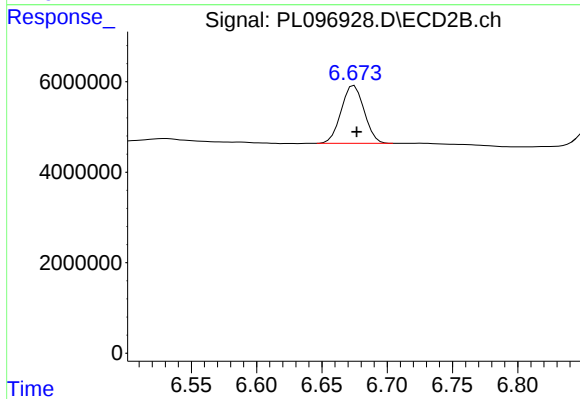
#19 Endosulfan Sulfate

R.T.: 6.396 min
Delta R.T.: -0.002 min
Response: 30064159
Conc: 5.41 ng/ml



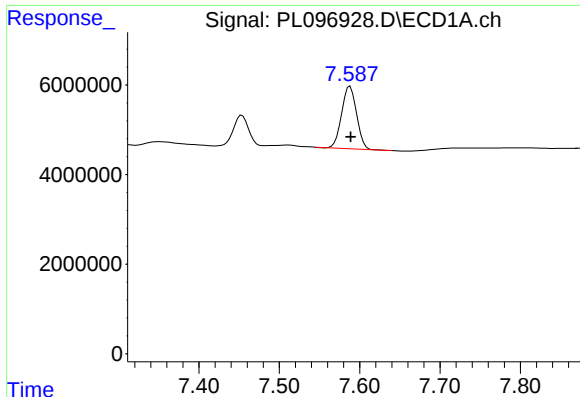
#20 Methoxychlor

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 8625200
Conc: 4.93 ng/ml



#20 Methoxychlor

R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 15681297
Conc: 5.22 ng/ml



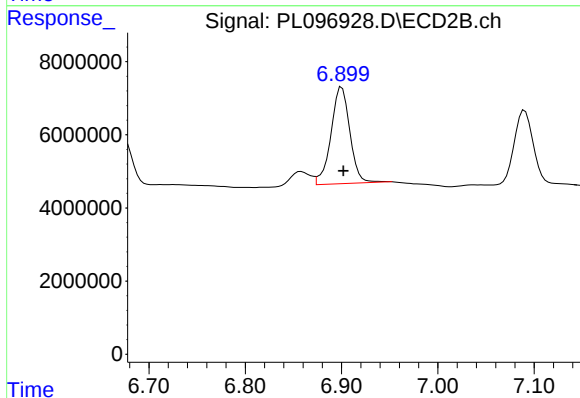
#21 Endrin ketone

R.T.: 7.588 min
Delta R.T.: 0.000 min
Response: 18028665
Conc: 5.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

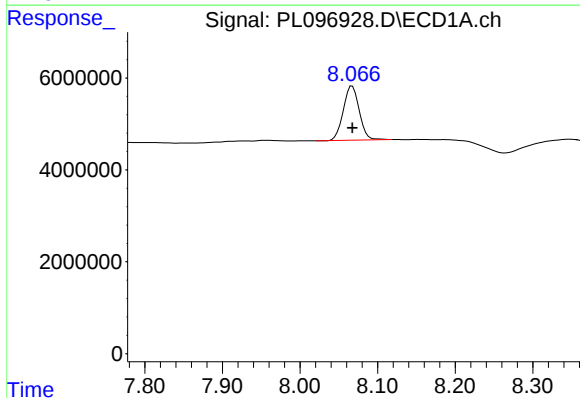
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Reviewed By :Abdul Mirza 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



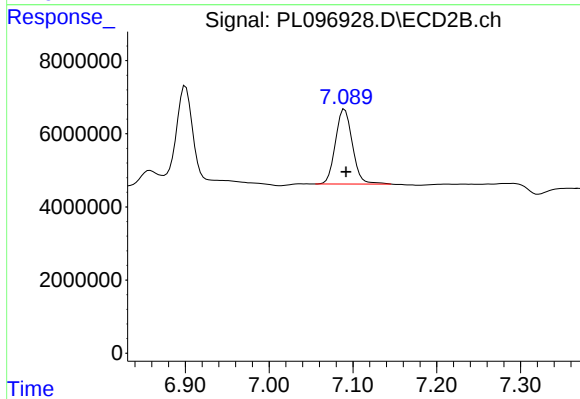
#21 Endrin ketone

R.T.: 6.900 min
Delta R.T.: -0.002 min
Response: 36117033
Conc: 5.95 ng/ml



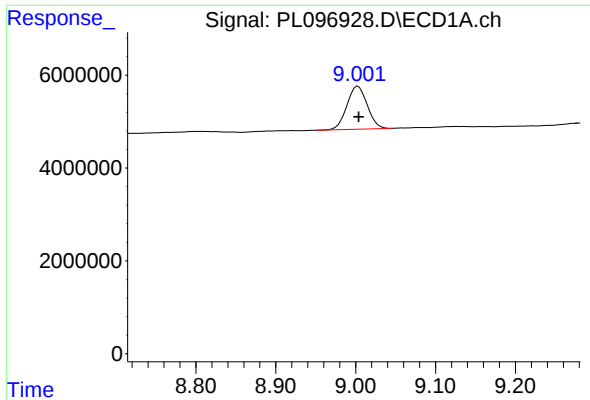
#22 Mirex

R.T.: 8.067 min
Delta R.T.: 0.000 min
Response: 16756284
Conc: 5.72 ng/ml



#22 Mirex

R.T.: 7.090 min
Delta R.T.: -0.002 min
Response: 28727959
Conc: 6.11 ng/ml



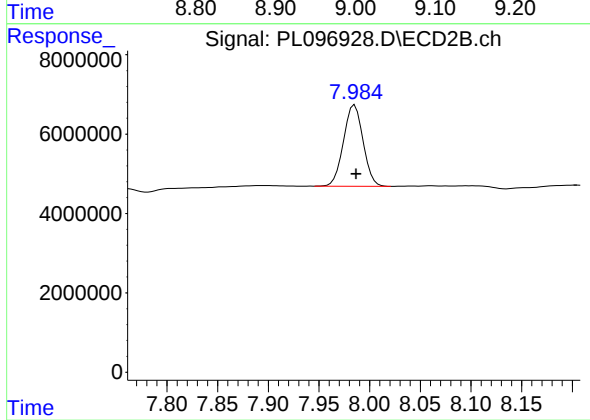
#28 Decachlorobiphenyl

R.T.: 9.003 min
Delta R.T.: -0.001 min
Response: 16339862
Conc: 5.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#28 Decachlorobiphenyl

R.T.: 7.985 min
Delta R.T.: -0.001 min
Response: 27521855
Conc: 5.89 ng/ml