

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062125\
 Data File : PD089066.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2025 20:22
 Operator : AR\AJ
 Sample : Q2358-01MSD 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 NB-07-06182025MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/23/2025
 Supervised By :mohammad ahmed 06/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 23:07:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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 x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.548	2.881	5593922	42680052	1.961m	2.518 #
28) SA Decachlor...	9.072	8.072	8391524	44530897	2.137	2.252
Target Compounds						
2) A alpha-BHC	3.999	3.393	25368830	136.1E6	4.352	5.078
3) MA gamma-BHC...	4.328	3.729	24439227	133.4E6	4.378m	5.389
4) MA Heptachlor	4.928	4.083	25663920	138.0E6	4.707m	5.510
5) MB Aldrin	5.271	4.368	24510361	131.6E6	4.613	5.436
6) B beta-BHC	4.515	4.026	11875133	53261162	5.380	4.956
7) B delta-BHC	4.764	4.262	26030322	133.5E6	5.071	5.369
8) B Heptachlo...	5.688	4.872	36903886	124.1E6	7.650	5.666 #
9) A Endosulfan I	6.074	5.245	22380717	65758016	4.965	3.155 #
10) B gamma-Chl...	5.944	5.124	22699189	130.8E6	4.741m	5.466m
11) B alpha-Chl...	6.026	5.190	23721781	136.5E6	4.903	5.963
12) B 4,4'-DDE	6.195	5.375	18991362	125.9E6	4.355	5.492 #
13) MA Dieldrin	6.346	5.513	22478965	131.0E6	4.686	5.644
14) MA Endrin	6.572	5.792	19211933	246.2E6	4.657m	11.340 #
15) B Endosulfa...	6.784	6.080	20197186	118.7E6	5.004m	5.878
16) A 4,4'-DDD	6.703	5.929	17221672	103.8E6	5.018m	5.424
17) MA 4,4'-DDT	7.019	6.183	15585125	104.6E6	4.114m	5.157 #
18) B Endrin al...	6.913	6.259	14718763	82520739	4.804m	5.390
19) B Endosulfa...	7.148	6.482	18066498	101.7E6	4.708	5.181
20) A Methoxychlor	7.492	6.754	10091853	56373696	4.994	5.235
21) B Endrin ke...	7.629	6.991	18932513	109.6E6	4.648	5.072
22) Mirex	8.113	7.184	16336124	93206491	5.373	5.589

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062125\
Data File : PD089066.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2025 20:22
Operator : AR\AJ
Sample : Q2358-01MSD 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

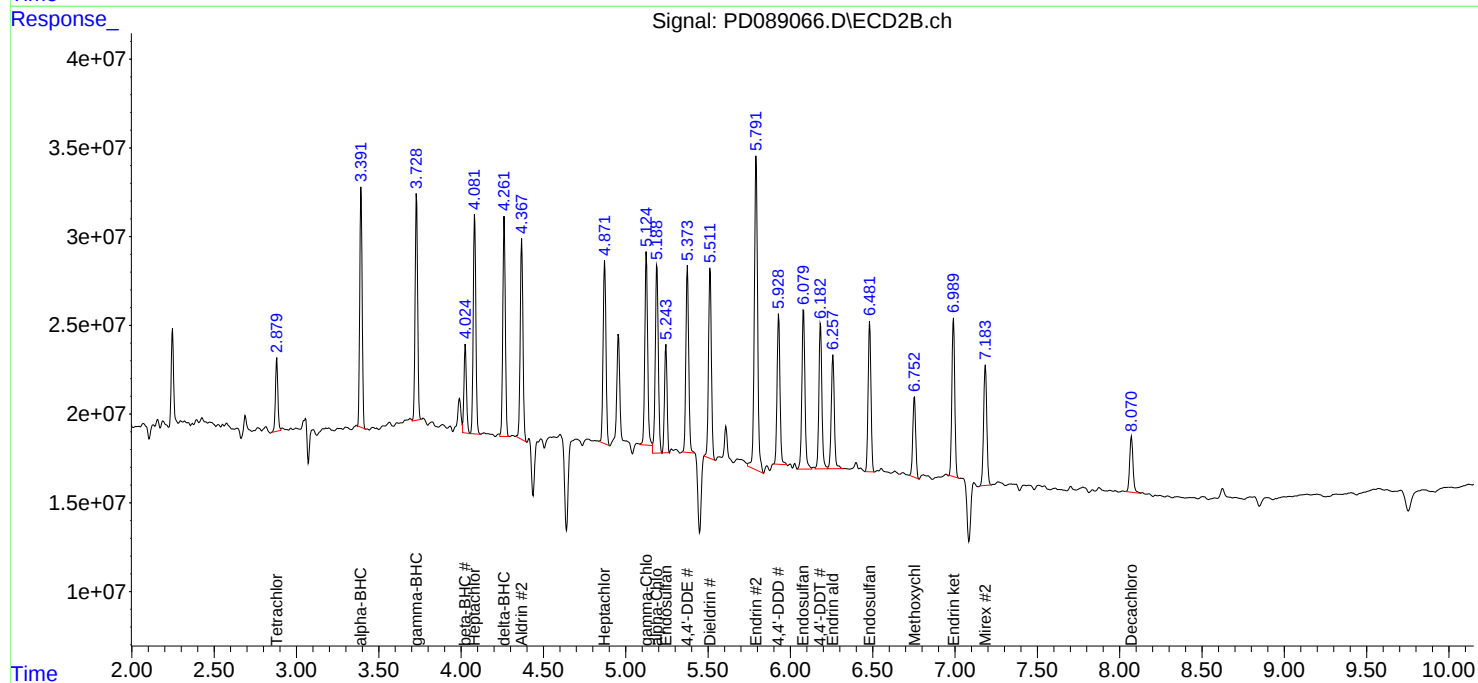
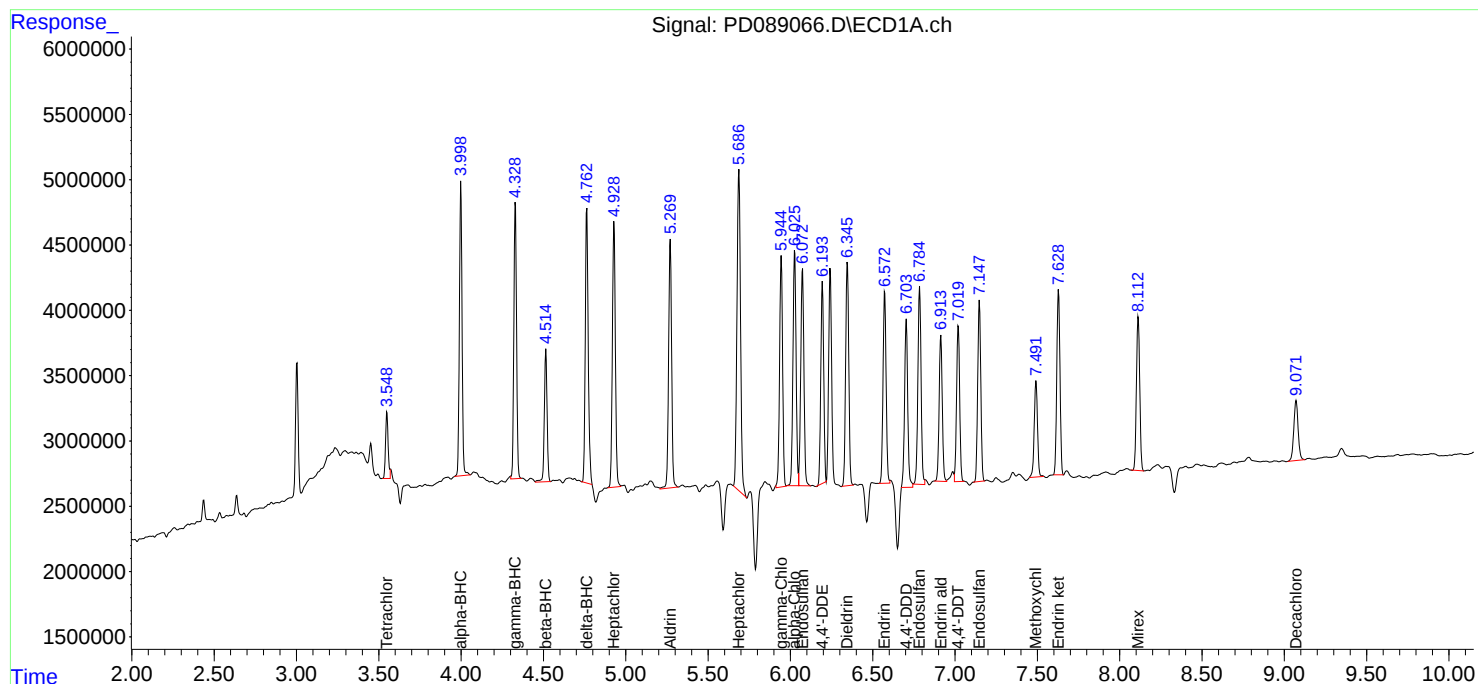
Instrument :
ECD_D
ClientSampleId :
NB-07-06182025MSD

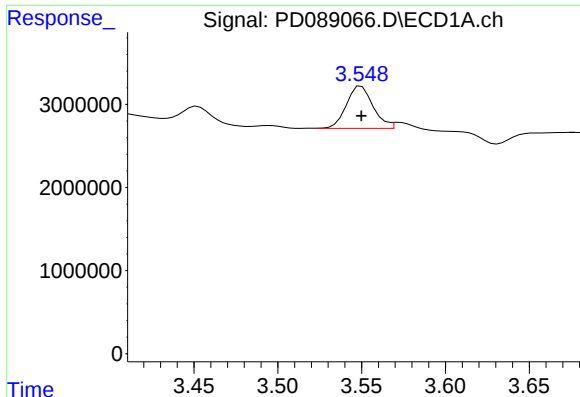
Manual Integrations
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Supervised By :mohammad ahmed 06/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 23:07:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 2025
Response via : Initial Calibration
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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 x 0.25µm





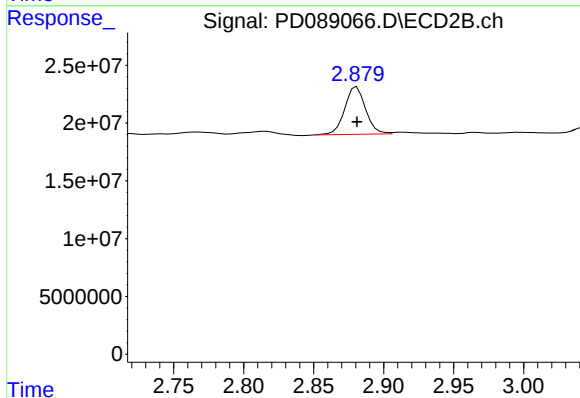
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: -0.002 min
Response: 5593922
Conc: 1.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025MSD

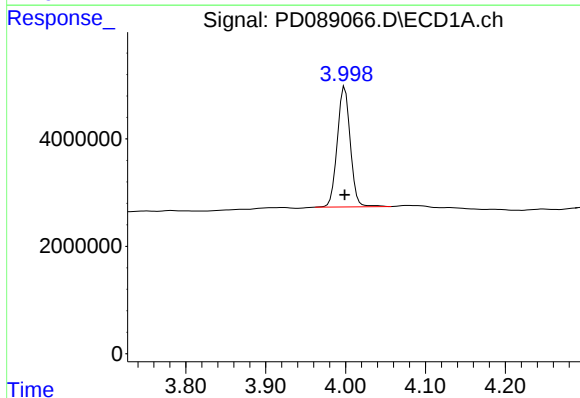
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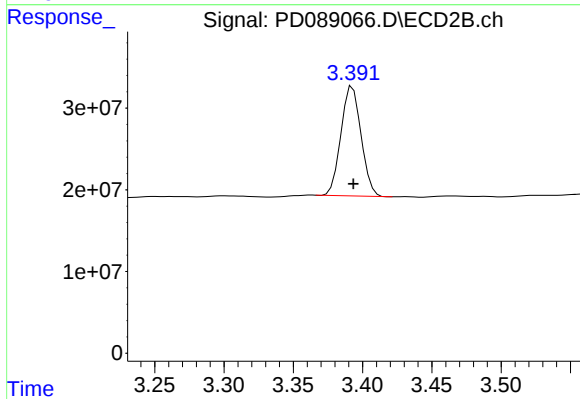
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 42680052
Conc: 2.52 ng/ml



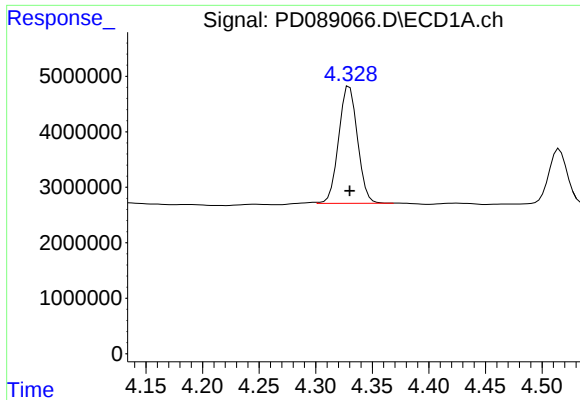
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 25368830
Conc: 4.35 ng/ml



#2 alpha-BHC

R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 136075840
Conc: 5.08 ng/ml



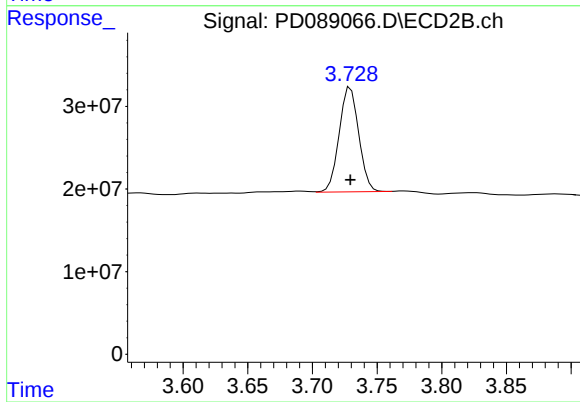
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.002 min
Response: 24439227
Conc: 4.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025MSD

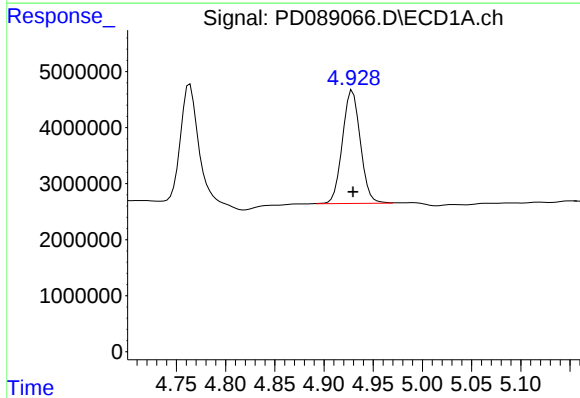
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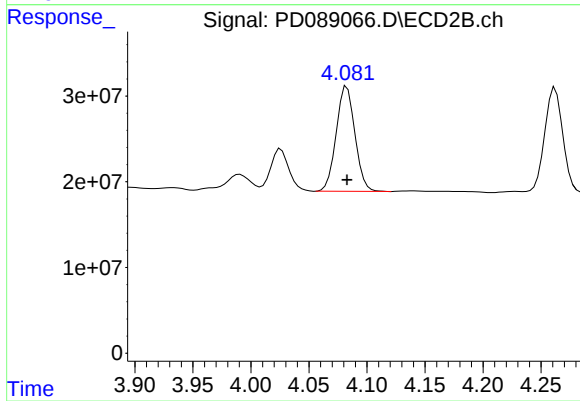
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 133411966
Conc: 5.39 ng/ml



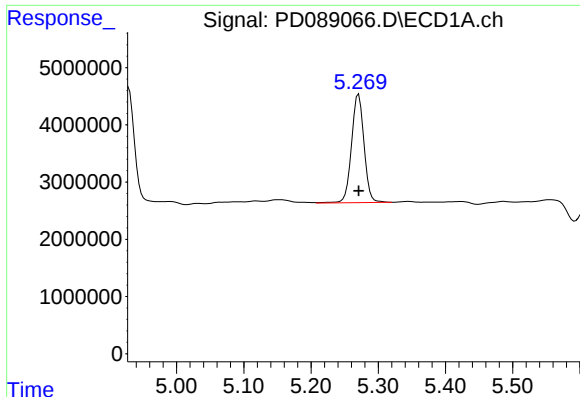
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: -0.002 min
Response: 25663920
Conc: 4.71 ng/ml m



#4 Heptachlor

R.T.: 4.083 min
Delta R.T.: 0.000 min
Response: 137959956
Conc: 5.51 ng/ml



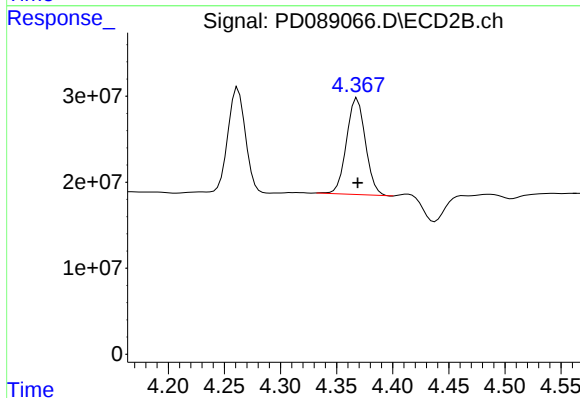
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 24510361
Conc: 4.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025MSD

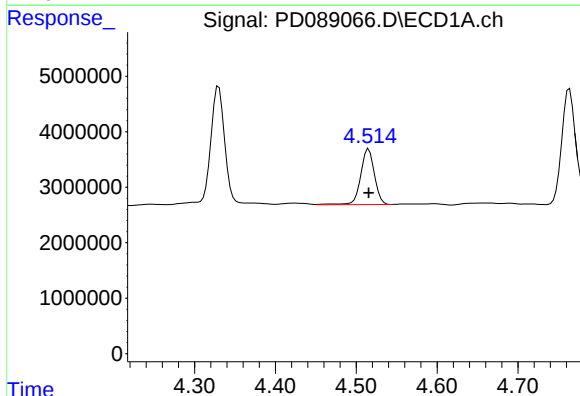
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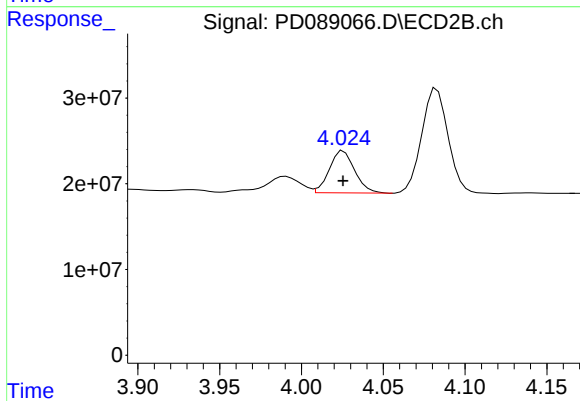
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 131648558
Conc: 5.44 ng/ml



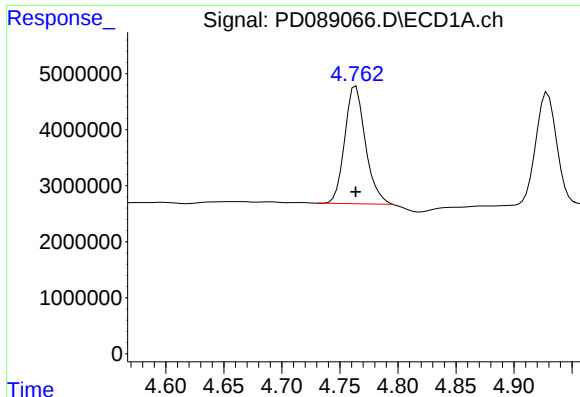
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 11875133
Conc: 5.38 ng/ml



#6 beta-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 53261162
Conc: 4.96 ng/ml



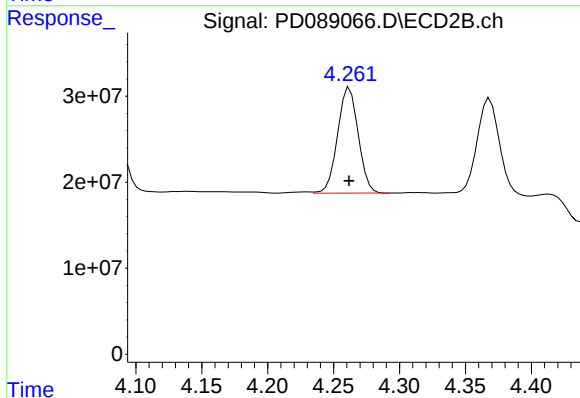
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 26030322
Conc: 5.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025MSD

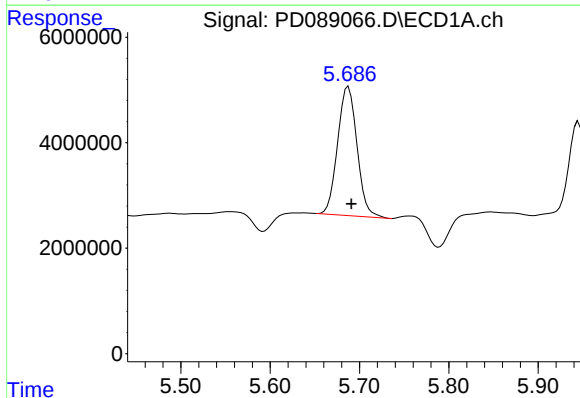
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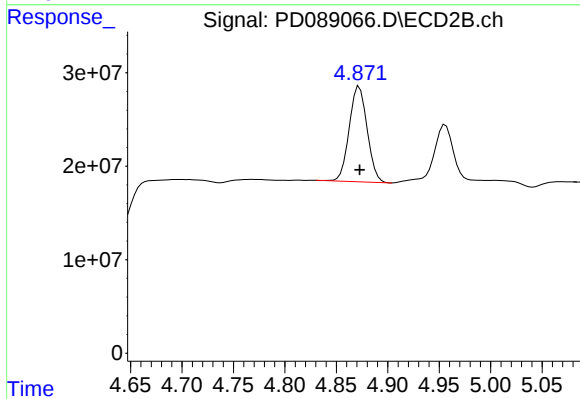
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 133540848
Conc: 5.37 ng/ml



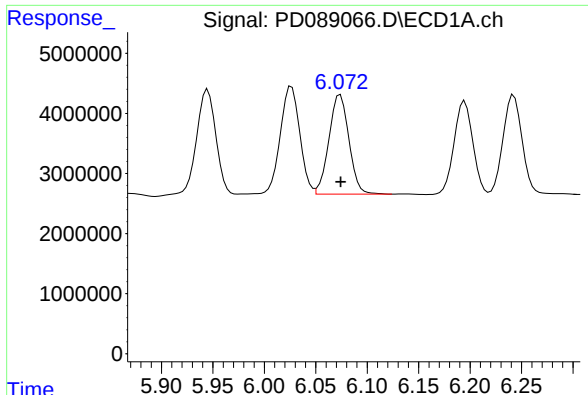
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.003 min
Response: 36903886
Conc: 7.65 ng/ml



#8 Heptachlor epoxide

R.T.: 4.872 min
Delta R.T.: 0.000 min
Response: 124079436
Conc: 5.67 ng/ml



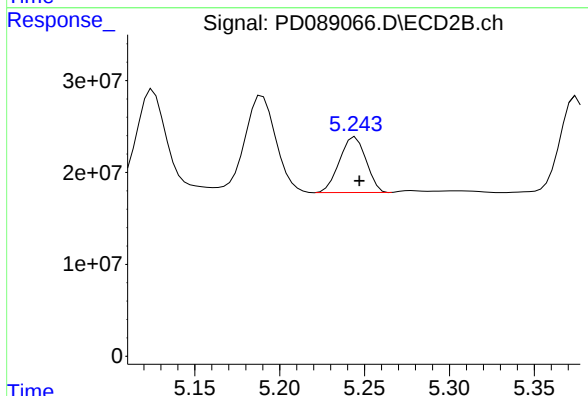
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 22380717
Conc: 4.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025MSD

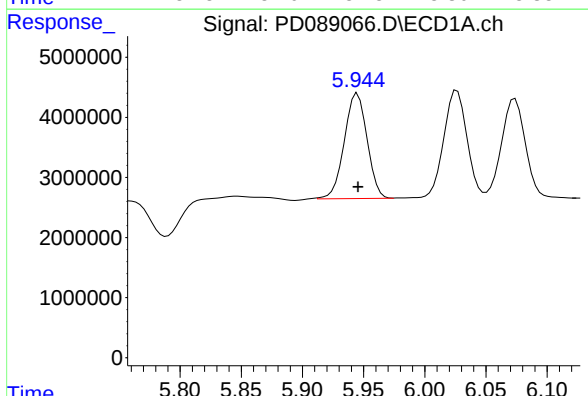
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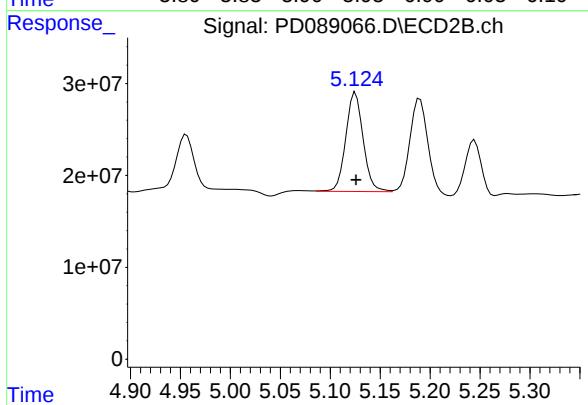
#9 Endosulfan I

R.T.: 5.245 min
Delta R.T.: -0.002 min
Response: 65758016
Conc: 3.16 ng/ml



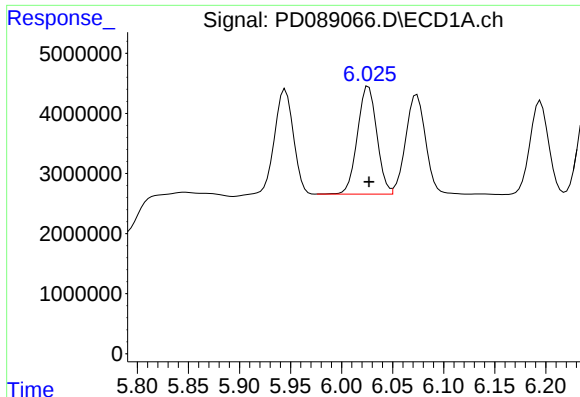
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: -0.002 min
Response: 22699189
Conc: 4.74 ng/ml m



#10 gamma-Chlordane

R.T.: 5.124 min
Delta R.T.: -0.002 min
Response: 130762477
Conc: 5.47 ng/ml m



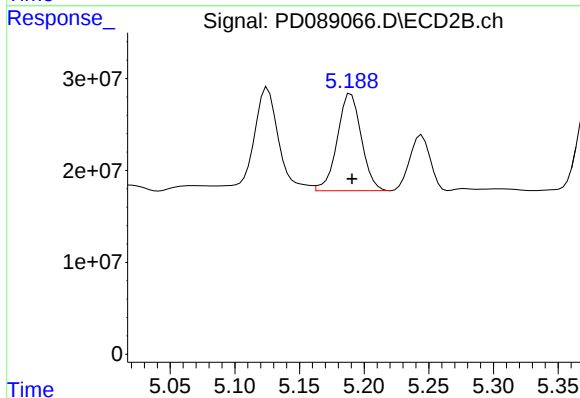
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 23721781
Conc: 4.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025MSD

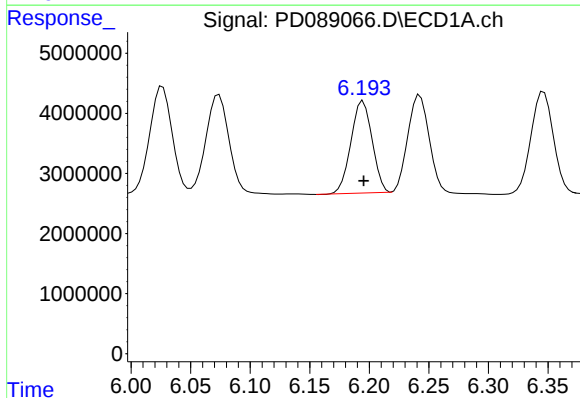
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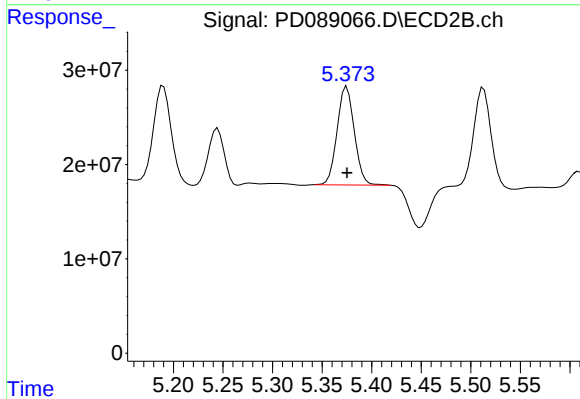
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 136531942
Conc: 5.96 ng/ml



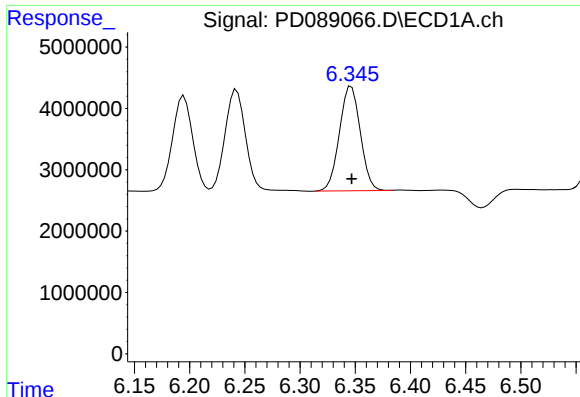
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 18991362
Conc: 4.35 ng/ml



#12 4,4'-DDE

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 125851021
Conc: 5.49 ng/ml



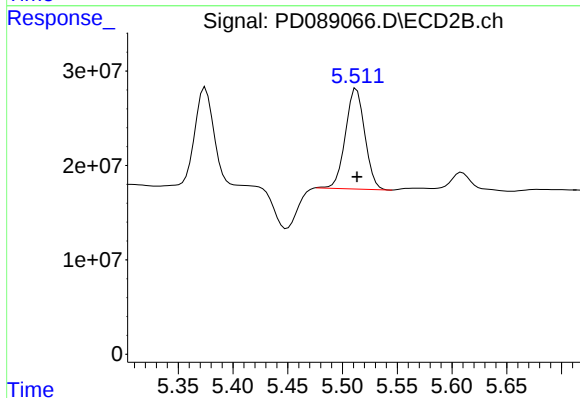
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 22478965
Conc: 4.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
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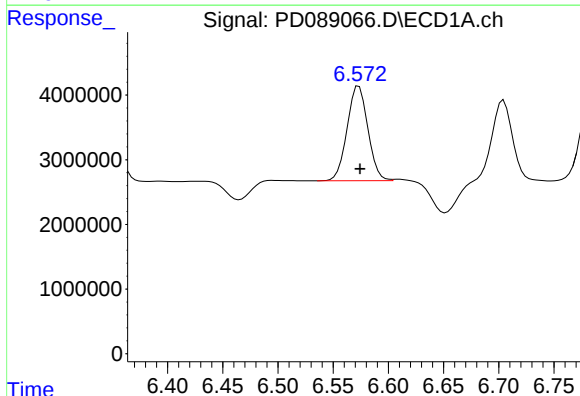
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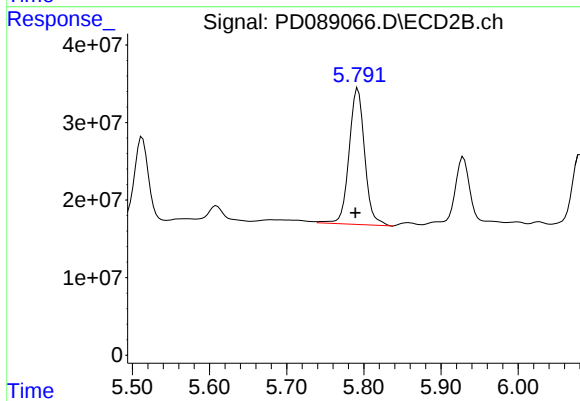
#13 Dieldrin

R.T.: 5.513 min
Delta R.T.: 0.000 min
Response: 130978587
Conc: 5.64 ng/ml



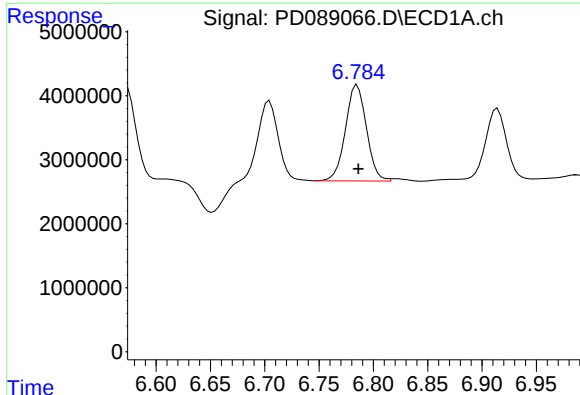
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.003 min
Response: 19211933
Conc: 4.66 ng/ml m



#14 Endrin

R.T.: 5.792 min
Delta R.T.: 0.003 min
Response: 246238097
Conc: 11.34 ng/ml



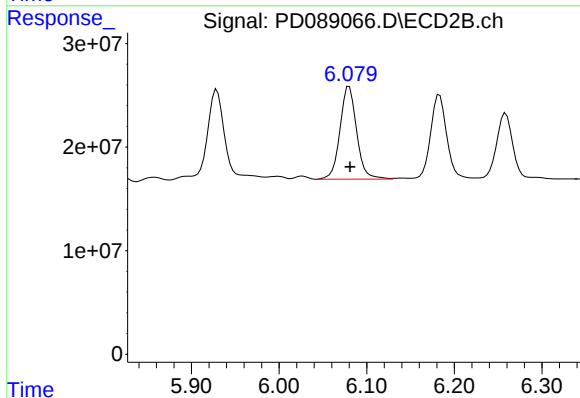
#15 Endosulfan II

R.T.: 6.784 min
Delta R.T.: -0.002 min
Response: 20197186
Conc: 5.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025MSD

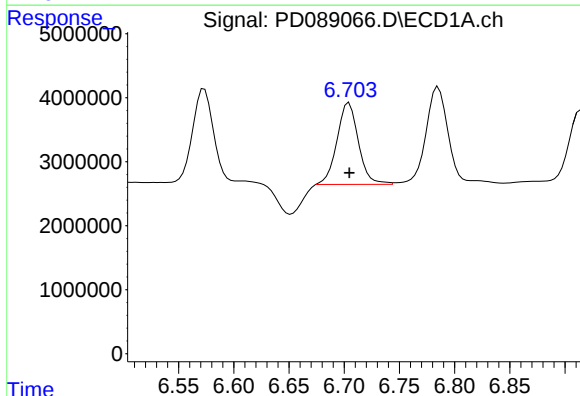
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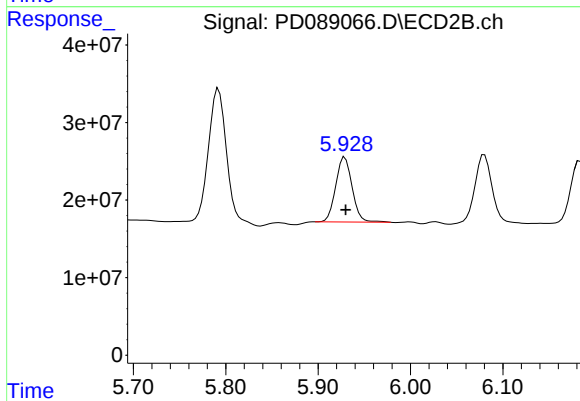
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 118707161
Conc: 5.88 ng/ml



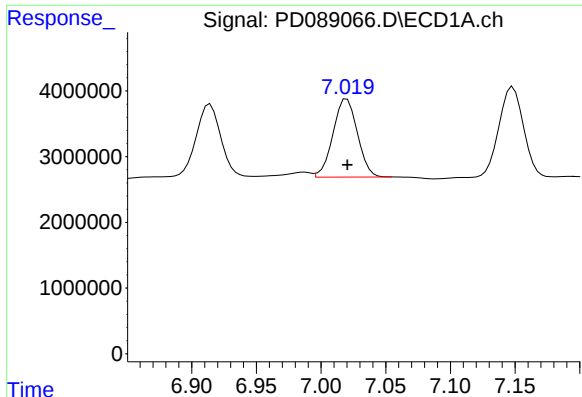
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: -0.002 min
Response: 17221672
Conc: 5.02 ng/ml m



#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 103759096
Conc: 5.42 ng/ml



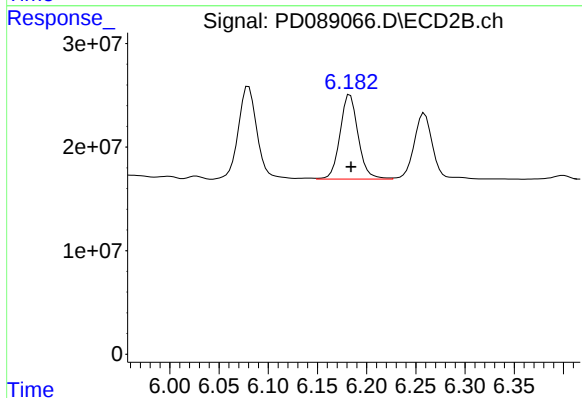
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: -0.002 min
Response: 15585125
Conc: 4.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025MSD

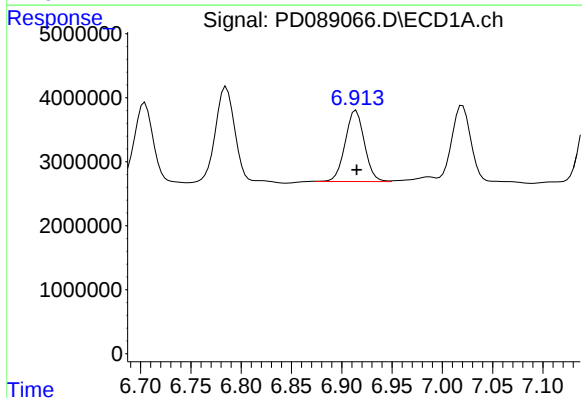
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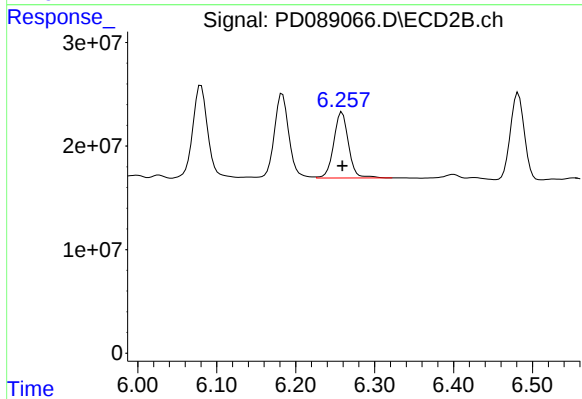
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 104577142
Conc: 5.16 ng/ml



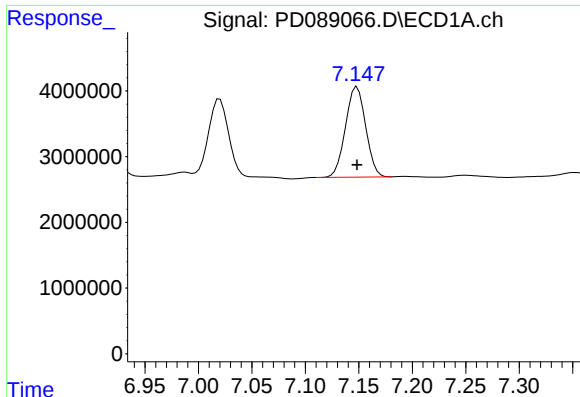
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: -0.002 min
Response: 14718763
Conc: 4.80 ng/ml m



#18 Endrin aldehyde

R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 82520739
Conc: 5.39 ng/ml



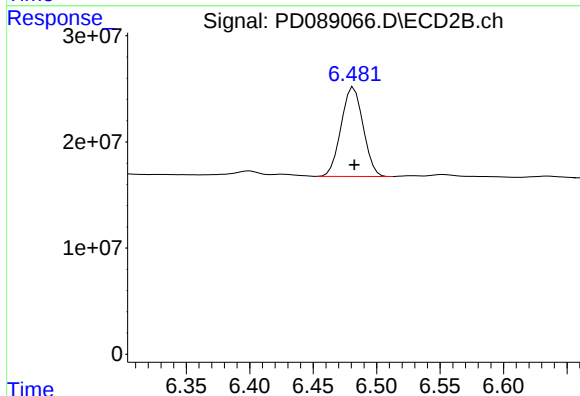
#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 18066498
Conc: 4.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
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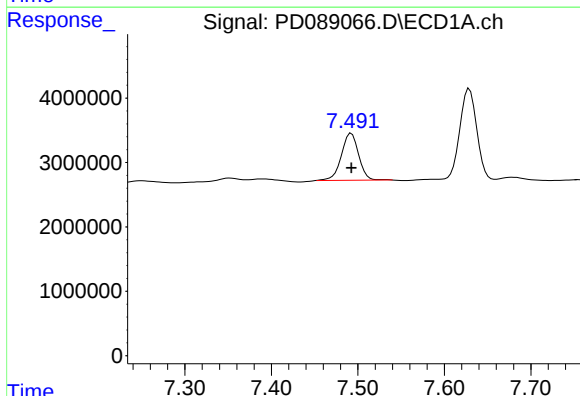
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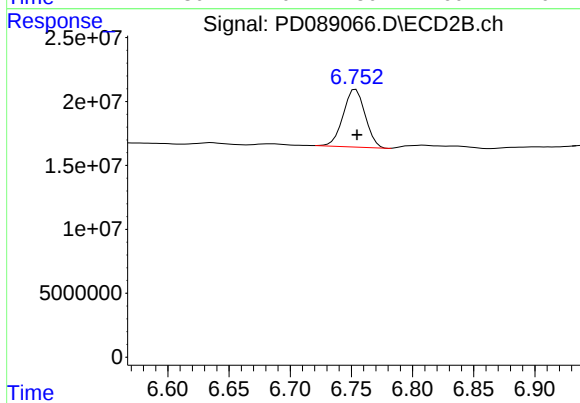
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 101654389
Conc: 5.18 ng/ml



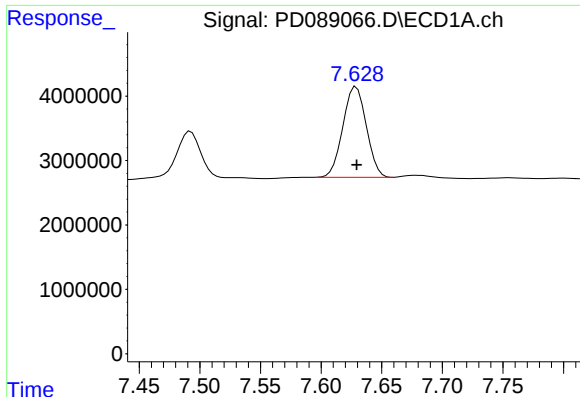
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 10091853
Conc: 4.99 ng/ml



#20 Methoxychlor

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 56373696
Conc: 5.24 ng/ml



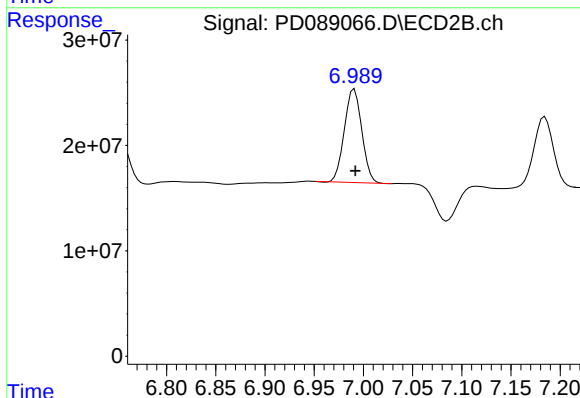
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 18932513
Conc: 4.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025MSD

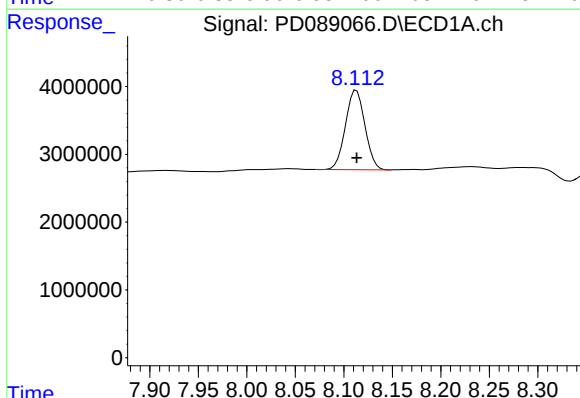
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/23/2025
Supervised By :mohammad ahmed 06/24/2025



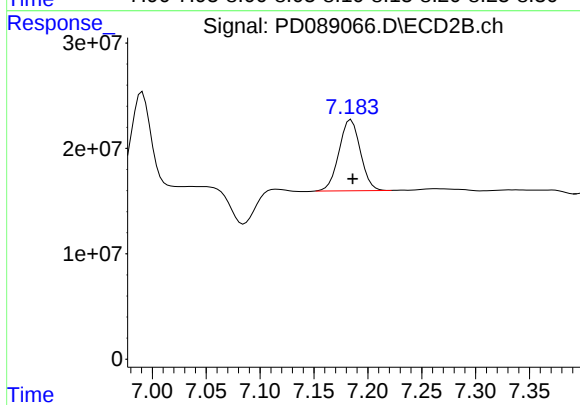
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.001 min
Response: 109567679
Conc: 5.07 ng/ml



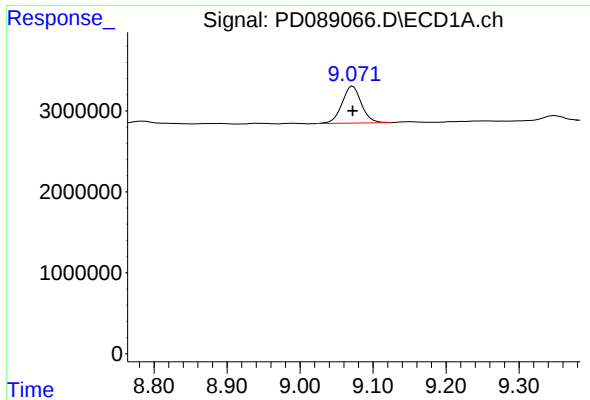
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.000 min
Response: 16336124
Conc: 5.37 ng/ml



#22 Mirex

R.T.: 7.184 min
Delta R.T.: -0.001 min
Response: 93206491
Conc: 5.59 ng/ml



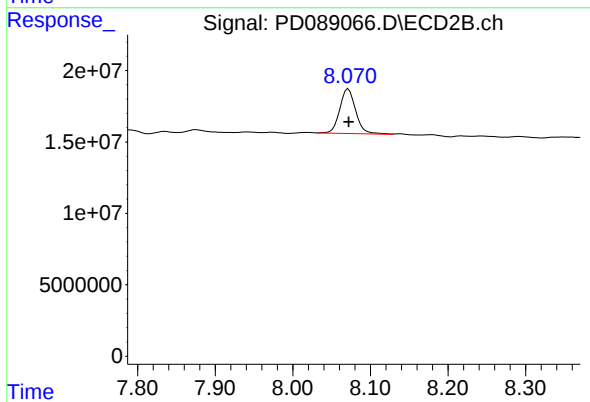
#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 8391524
Conc: 2.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/23/2025
Supervised By :mohammad ahmed 06/24/2025



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 44530897
Conc: 2.25 ng/ml