

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD053125\
 Data File : PD088790.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 May 2025 17:55
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/02/2025
 Supervised By :mohammad ahmed 06/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 30 22:51:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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...	3.550	2.881	117.1E6	812.0E6	54.128	53.683
28)	SA Decachlor...	9.078	8.075	178.2E6	935.0E6	52.069	51.214
Target Compounds							
2)	A alpha-BHC	4.000	3.394	267.9E6	1291.1E6	56.089	54.014
3)	MA gamma-BHC...	4.331	3.731	255.1E6	1191.2E6	55.430	53.741
4)	MA Heptachlor	4.931	4.084	245.3E6	1170.9E6	54.868	52.146
5)	MB Aldrin	5.273	4.370	242.3E6	1167.6E6	55.145	53.241
6)	B beta-BHC	4.517	4.026	96571680	484.5E6	53.557	49.729
7)	B delta-BHC	4.765	4.263	249.4E6	1201.3E6	59.010	53.882
8)	B Heptachlo...	5.693	4.874	210.7E6	1057.9E6	53.086	53.237
9)	A Endosulfan I	6.077	5.249	203.4E6	1005.1E6	54.057	52.959
10)	B gamma-Chl...	5.948	5.128	218.4E6	1133.4E6	54.754	53.132
11)	B alpha-Chl...	6.029	5.192	217.3E6	1087.2E6	54.234	52.715
12)	B 4,4'-DDE	6.198	5.376	194.4E6	1110.1E6	54.166	53.106m
13)	MA Dieldrin	6.349	5.515	219.3E6	1110.2E6	54.667	52.757
14)	MA Endrin	6.577	5.791	181.8E6	996.7E6	53.228	51.685
15)	B Endosulfa...	6.789	6.082	183.6E6	970.6E6	53.331	52.973
16)	A 4,4'-DDD	6.708	5.931	152.9E6	923.3E6	54.891	53.087
17)	MA 4,4'-DDT	7.024	6.185	163.4E6	952.8E6	52.351	52.533
18)	B Endrin al...	6.918	6.261	135.1E6	719.8E6	52.477	51.680
19)	B Endosulfa...	7.152	6.484	169.5E6	916.8E6	52.924	51.634
20)	A Methoxychlor	7.496	6.757	84207466	481.9E6	50.407	50.326
21)	B Endrin ke...	7.633	6.994	185.3E6	1023.5E6	54.132	52.899
22)	Mirex	8.118	7.188	134.1E6	773.2E6	51.596	50.858

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD053125\
Data File : PD088790.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 May 2025 17:55
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

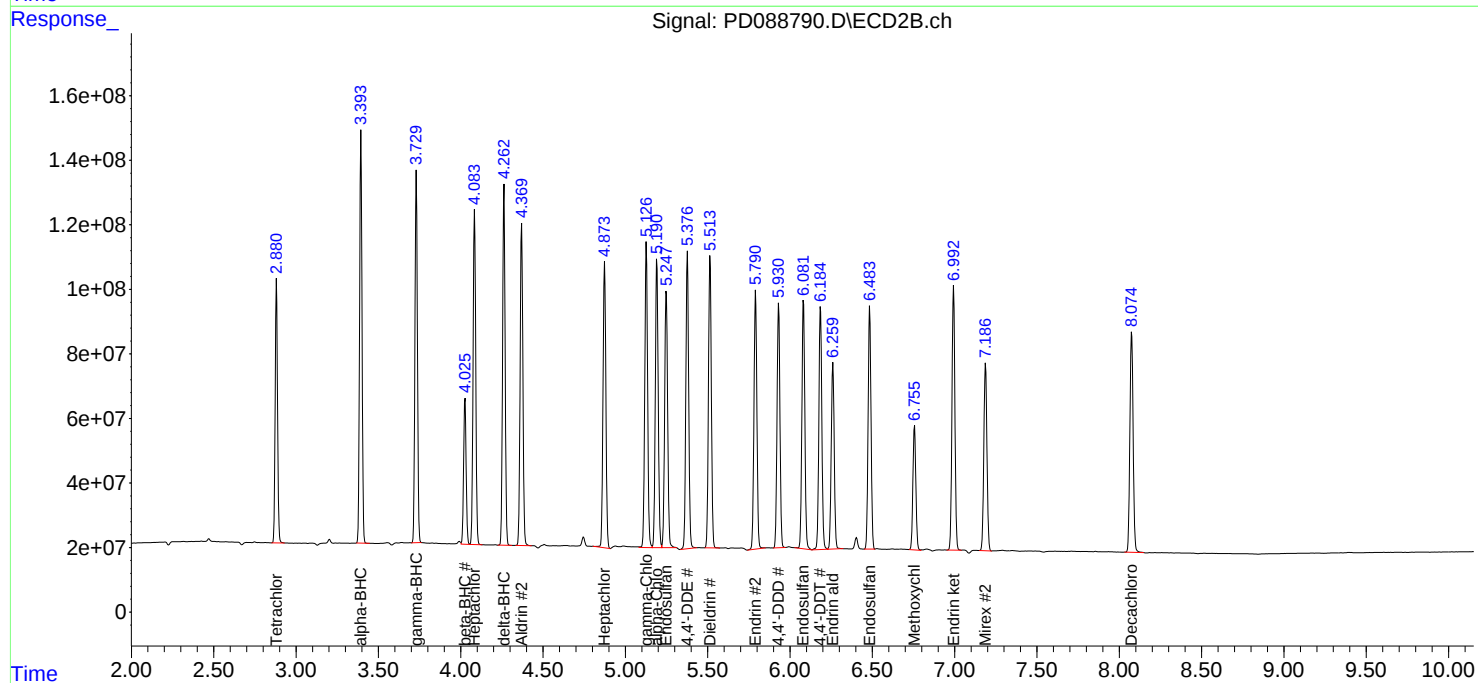
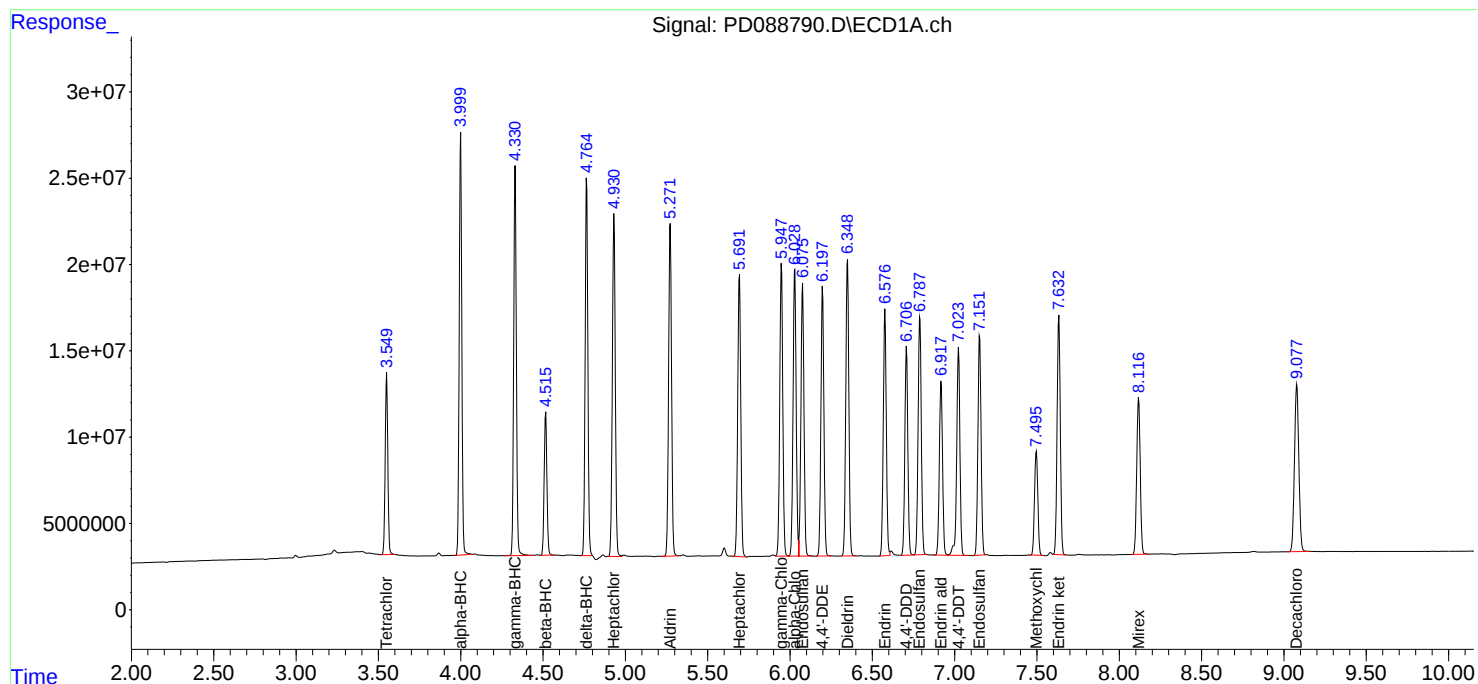
APPROVED

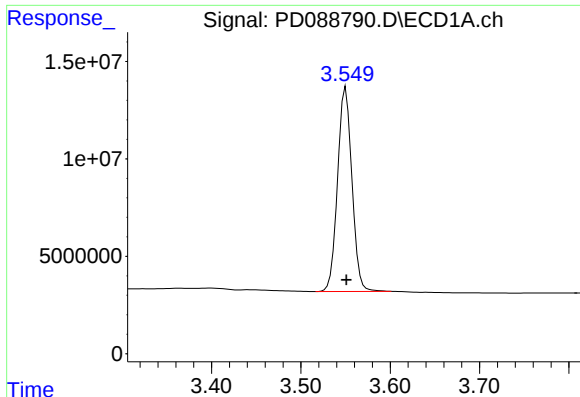
Reviewed By :Abdul Mirza 06/02/2025

Supervised By :mohammad ahmed 06/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 30 22:51:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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





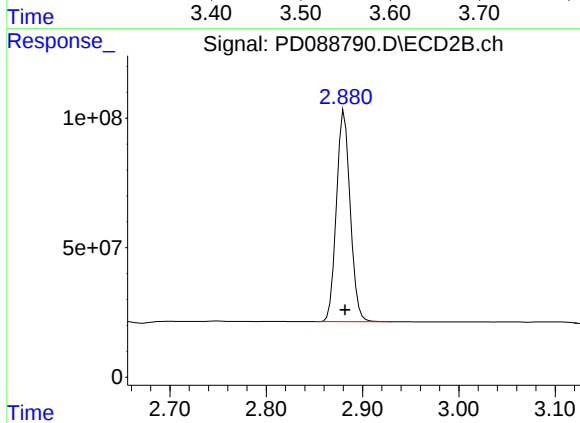
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 117120462
Conc: 54.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

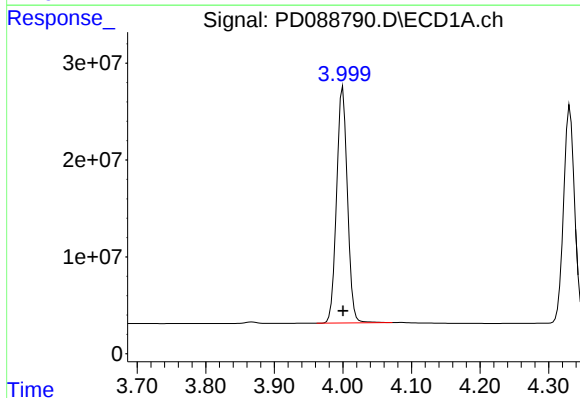
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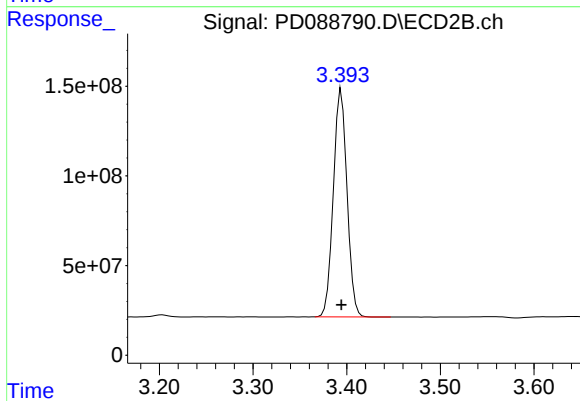
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 812047572
Conc: 53.68 ng/ml



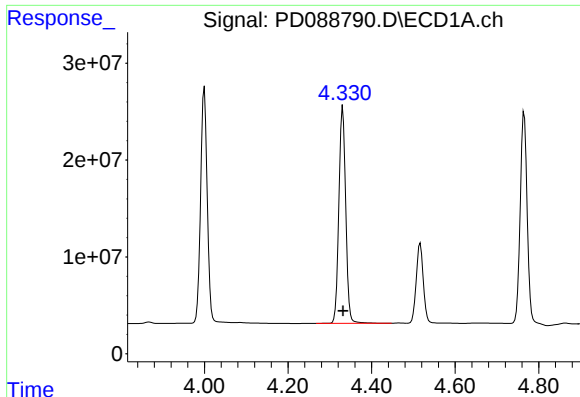
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 267914453
Conc: 56.09 ng/ml



#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 1291131810
Conc: 54.01 ng/ml



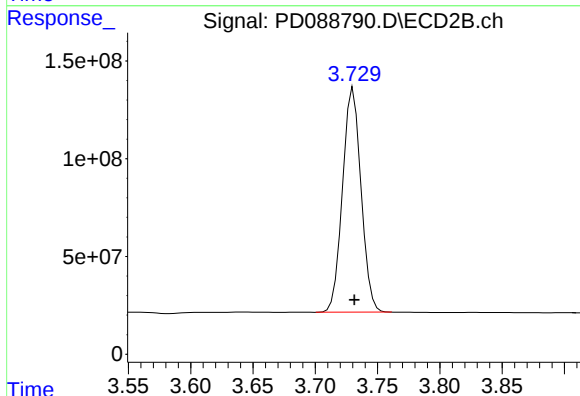
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 255128587
Conc: 55.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

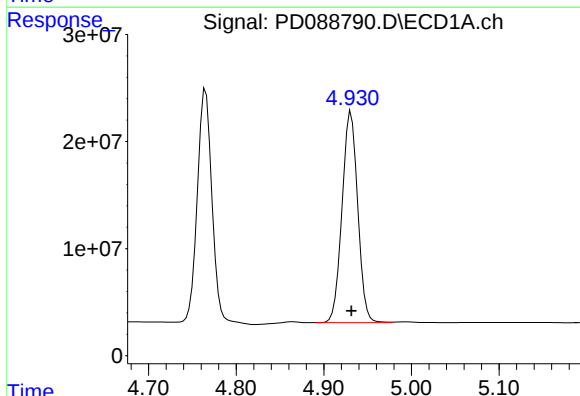
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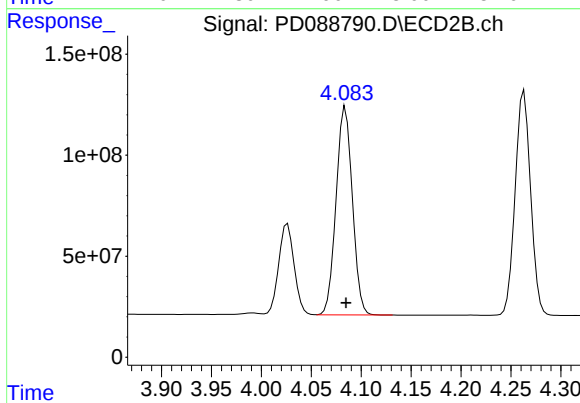
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: 0.000 min
Response: 1191202116
Conc: 53.74 ng/ml



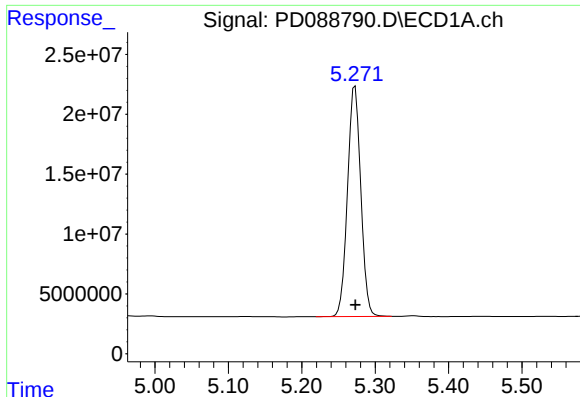
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 245328962
Conc: 54.87 ng/ml



#4 Heptachlor

R.T.: 4.084 min
Delta R.T.: 0.000 min
Response: 1170922724
Conc: 52.15 ng/ml



#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 242336276
Conc: 55.15 ng/ml

Instrument :

ECD_D

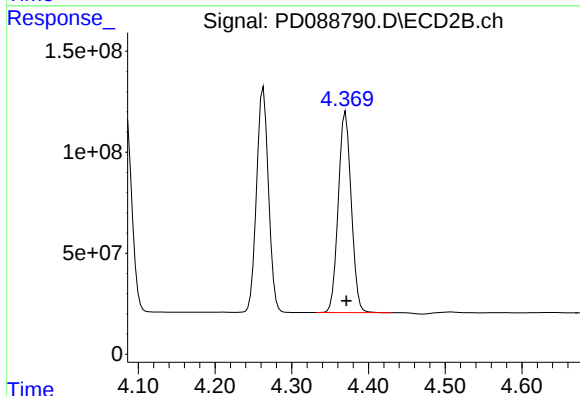
ClientSampleId :

PSTDCCC050

Manual Integrations

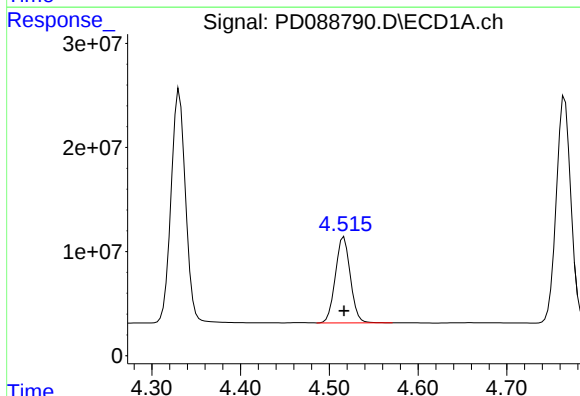
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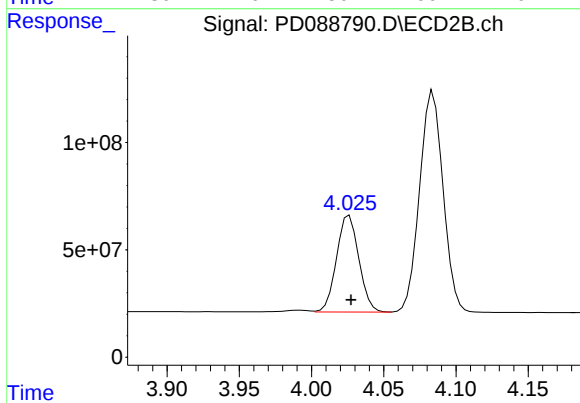
#5 Aldrin

R.T.: 4.370 min
Delta R.T.: -0.001 min
Response: 1167563375
Conc: 53.24 ng/ml



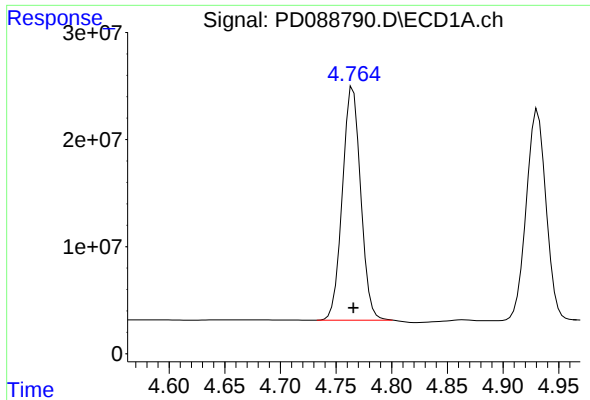
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 96571680
Conc: 53.56 ng/ml



#6 beta-BHC

R.T.: 4.026 min
Delta R.T.: -0.001 min
Response: 484458820
Conc: 49.73 ng/ml



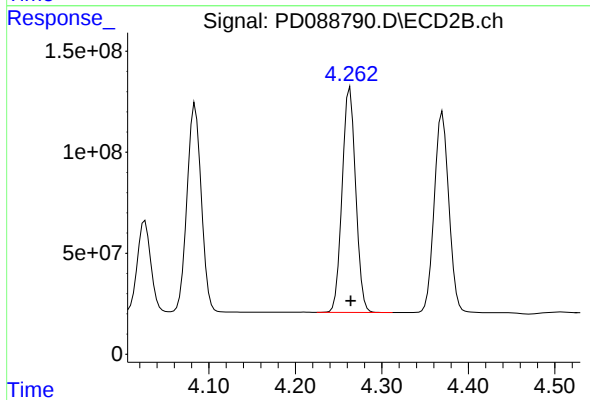
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 249384241
Conc: 59.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

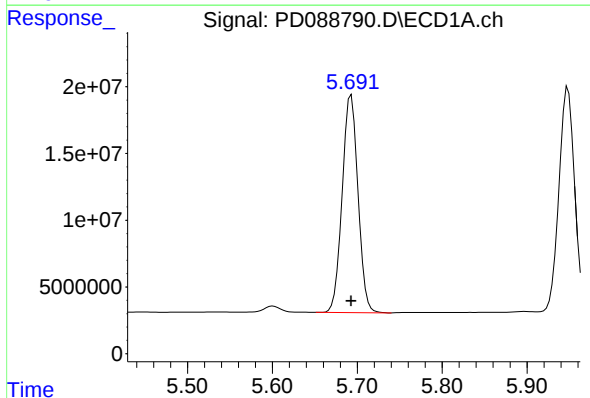
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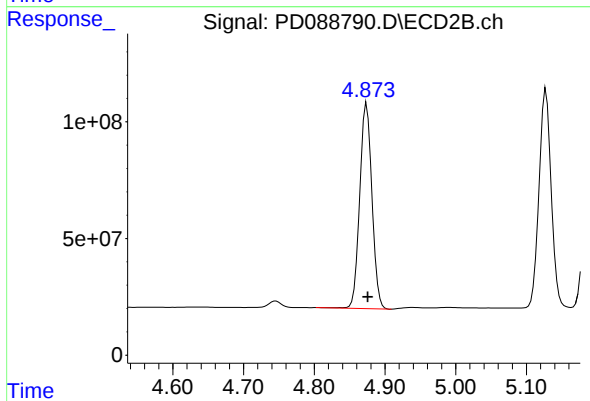
#7 delta-BHC

R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 1201261021
Conc: 53.88 ng/ml



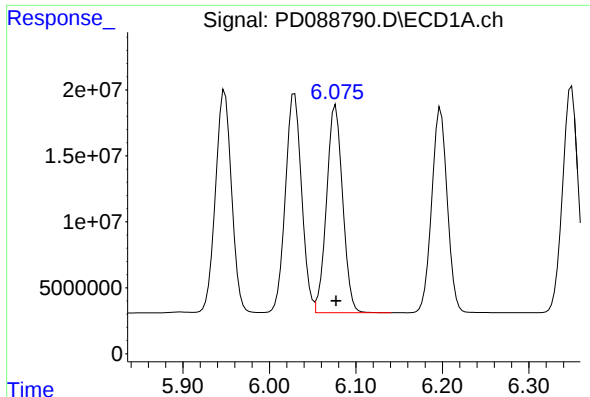
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 210715572
Conc: 53.09 ng/ml



#8 Heptachlor epoxide

R.T.: 4.874 min
Delta R.T.: -0.001 min
Response: 1057878893
Conc: 53.24 ng/ml



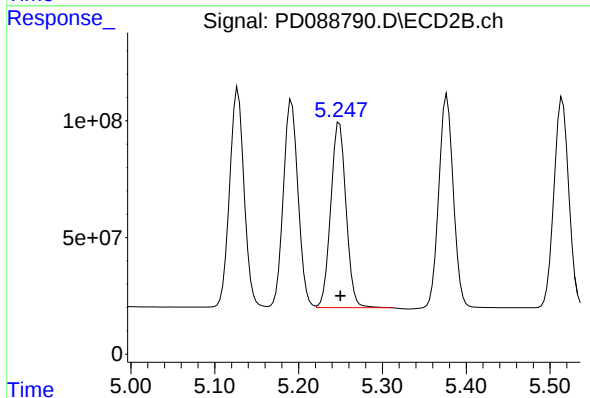
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 203411791
Conc: 54.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

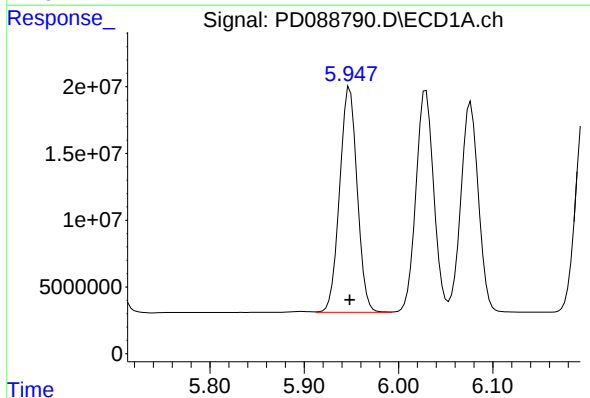
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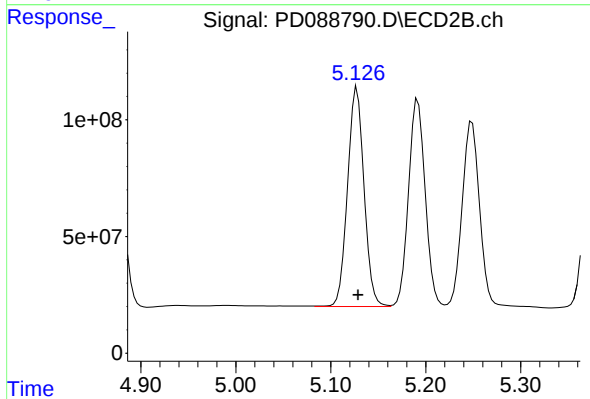
#9 Endosulfan I

R.T.: 5.249 min
Delta R.T.: -0.001 min
Response: 1005073890
Conc: 52.96 ng/ml



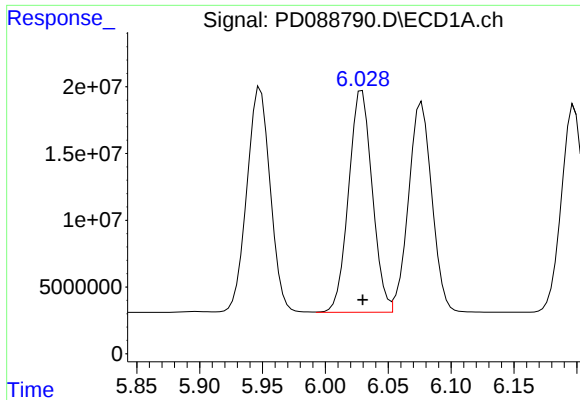
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 218411809
Conc: 54.75 ng/ml



#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 1133412330
Conc: 53.13 ng/ml



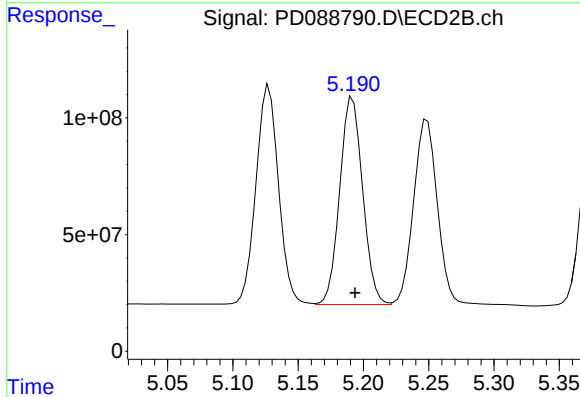
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 217277541
Conc: 54.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

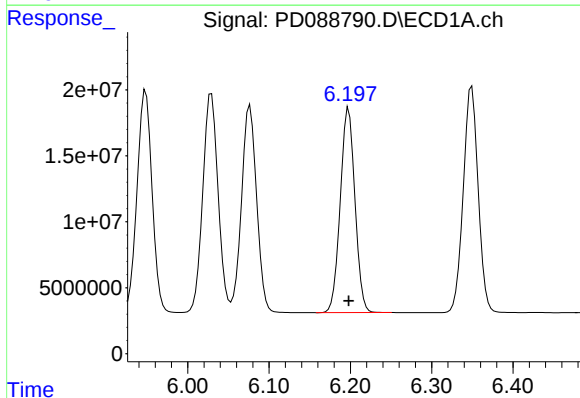
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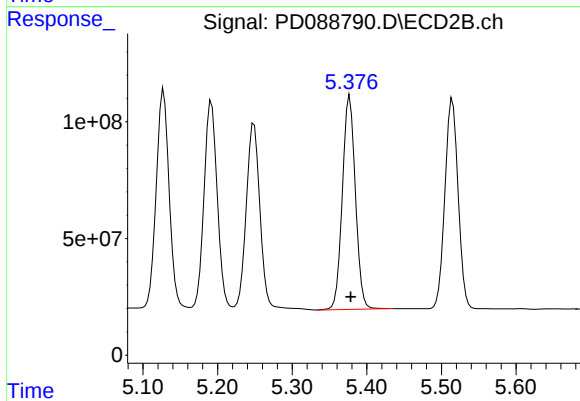
#11 alpha-Chlordane

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 1087227614
Conc: 52.71 ng/ml



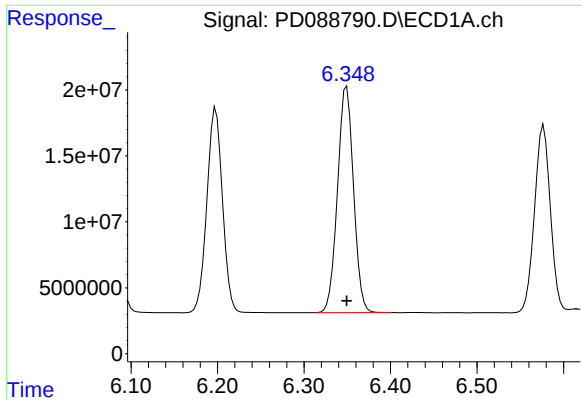
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 194423443
Conc: 54.17 ng/ml



#12 4,4'-DDE

R.T.: 5.376 min
Delta R.T.: -0.003 min
Response: 1110062036
Conc: 53.11 ng/ml m



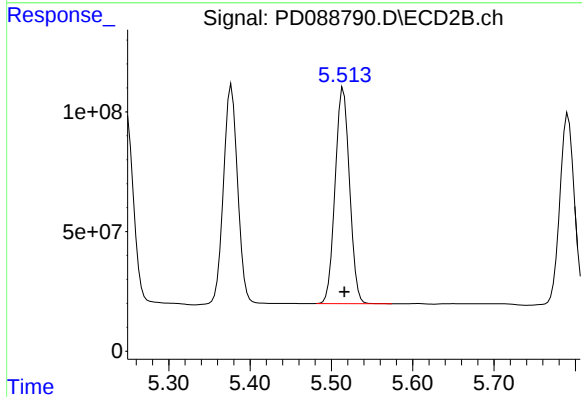
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 219309087
Conc: 54.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

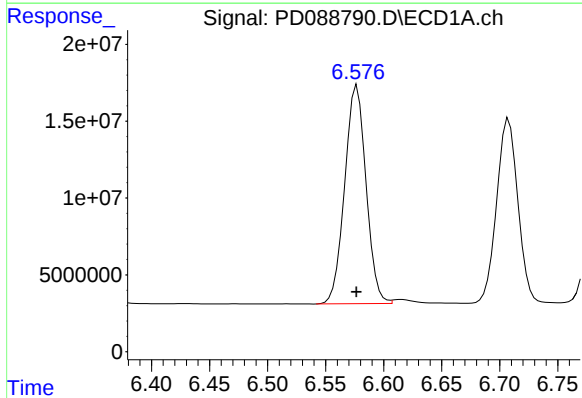
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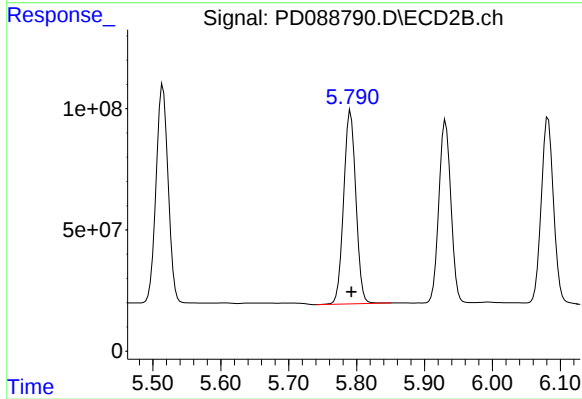
#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: -0.001 min
Response: 1110218708
Conc: 52.76 ng/ml



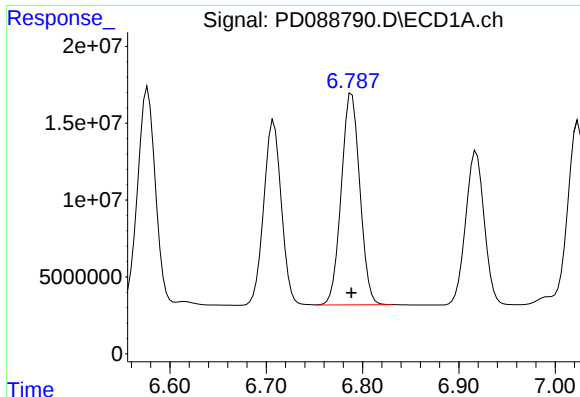
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 181781583
Conc: 53.23 ng/ml



#14 Endrin

R.T.: 5.791 min
Delta R.T.: -0.001 min
Response: 996690151
Conc: 51.68 ng/ml



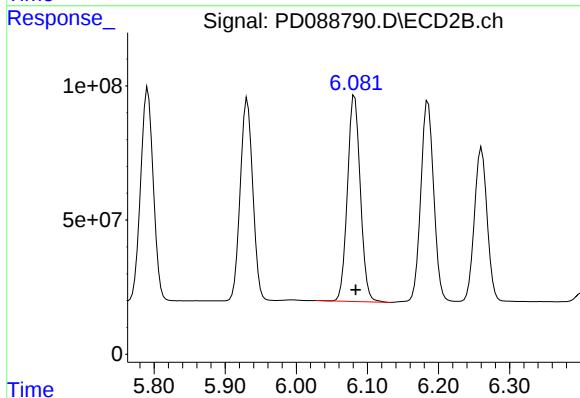
#15 Endosulfan II

R.T.: 6.789 min
Delta R.T.: 0.000 min
Response: 183649288
Conc: 53.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

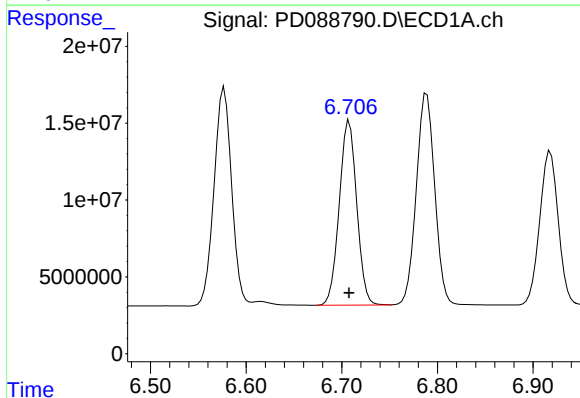
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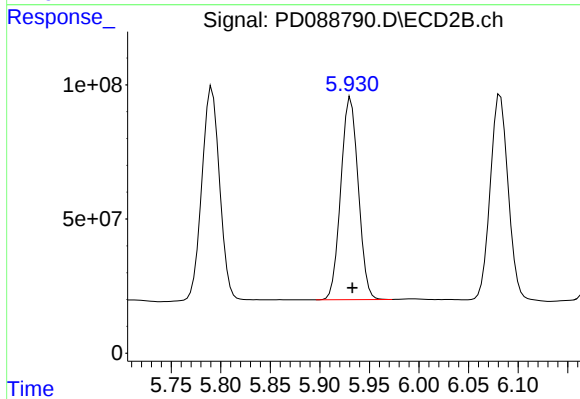
#15 Endosulfan II

R.T.: 6.082 min
Delta R.T.: -0.002 min
Response: 970568596
Conc: 52.97 ng/ml



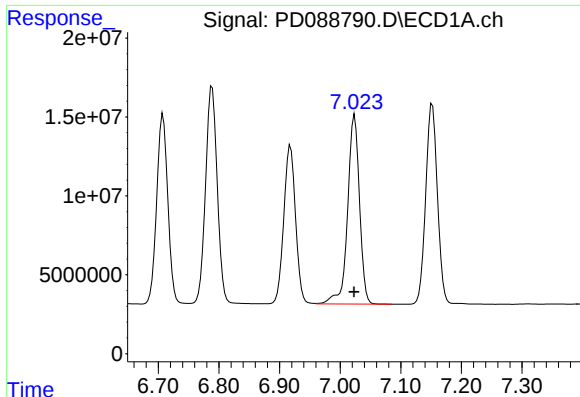
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 152876271
Conc: 54.89 ng/ml



#16 4,4'-DDD

R.T.: 5.931 min
Delta R.T.: -0.002 min
Response: 923305214
Conc: 53.09 ng/ml



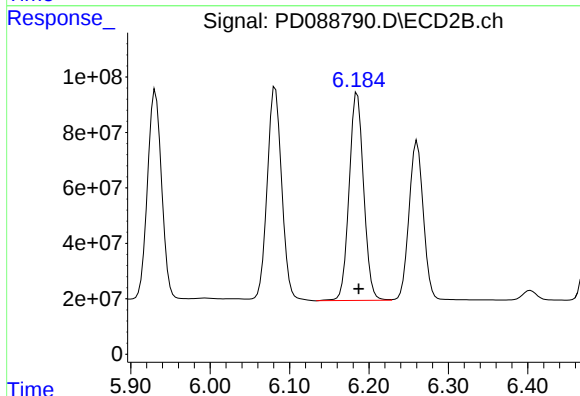
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 163441531
Conc: 52.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

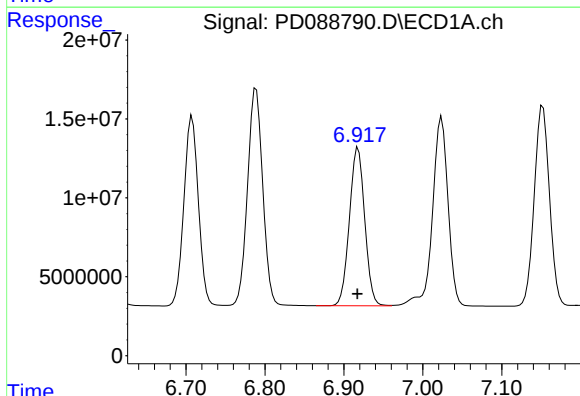
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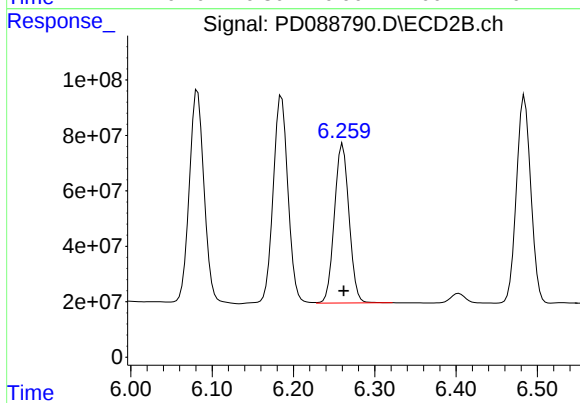
#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 952803254
Conc: 52.53 ng/ml



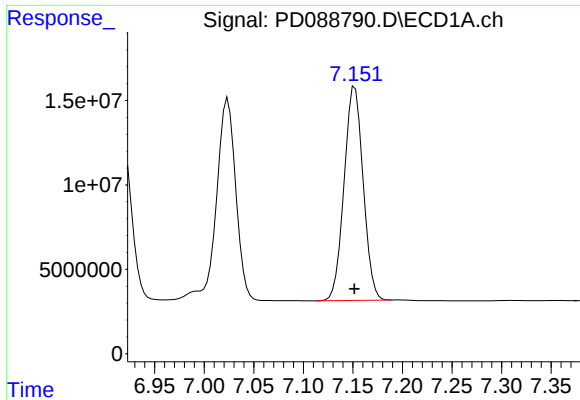
#18 Endrin aldehyde

R.T.: 6.918 min
Delta R.T.: 0.000 min
Response: 135108647
Conc: 52.48 ng/ml



#18 Endrin aldehyde

R.T.: 6.261 min
Delta R.T.: -0.001 min
Response: 719837215
Conc: 51.68 ng/ml



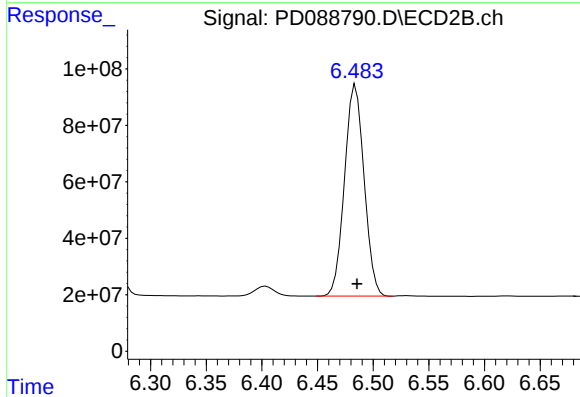
#19 Endosulfan Sulfate

R.T.: 7.152 min
Delta R.T.: 0.000 min
Response: 169518553
Conc: 52.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

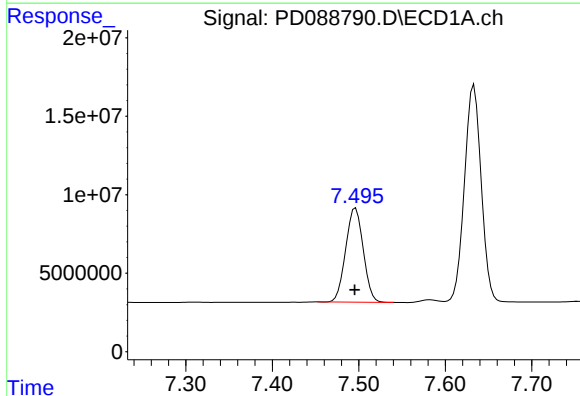
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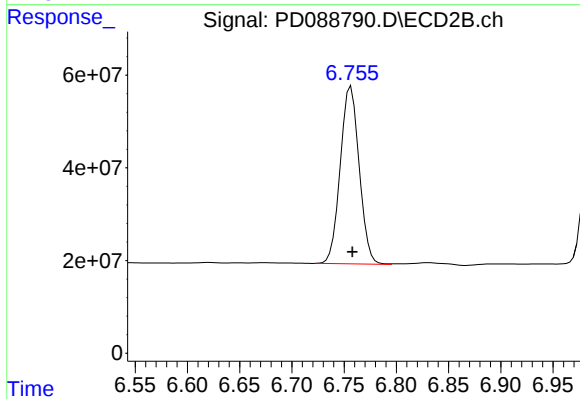
#19 Endosulfan Sulfate

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 916805204
Conc: 51.63 ng/ml



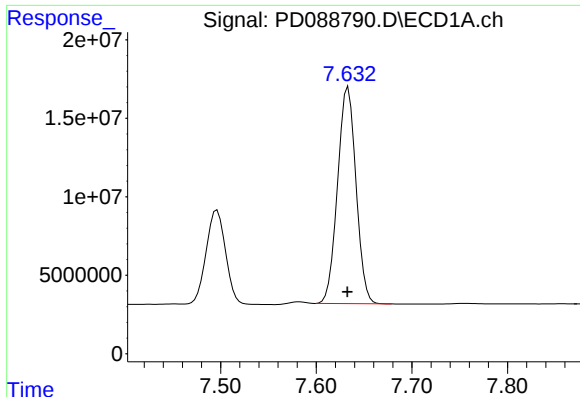
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: 0.000 min
Response: 84207466
Conc: 50.41 ng/ml



#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.001 min
Response: 481863677
Conc: 50.33 ng/ml



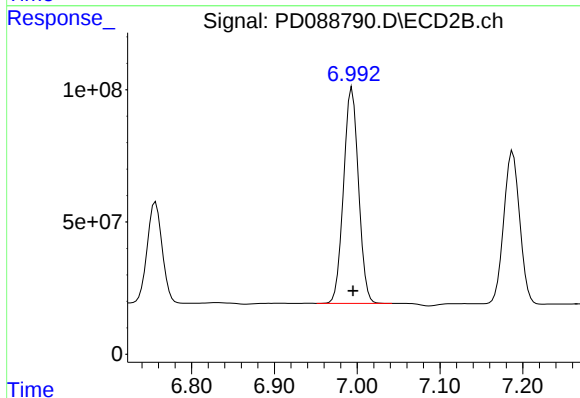
#21 Endrin ketone

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 185301248
Conc: 54.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

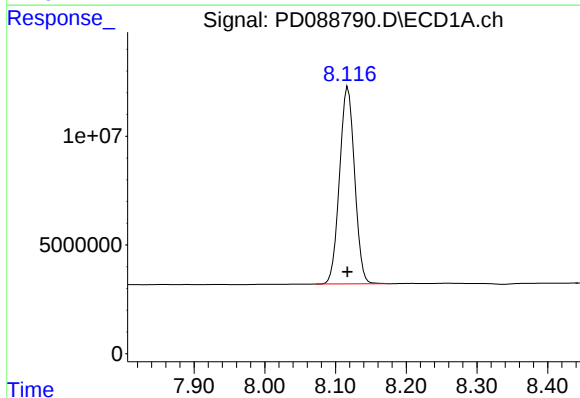
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



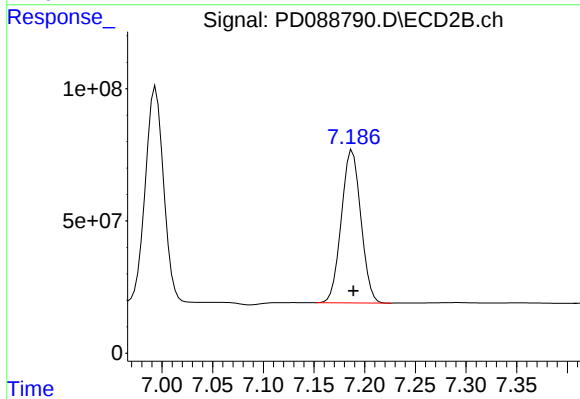
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: -0.001 min
Response: 1023466047
Conc: 52.90 ng/ml



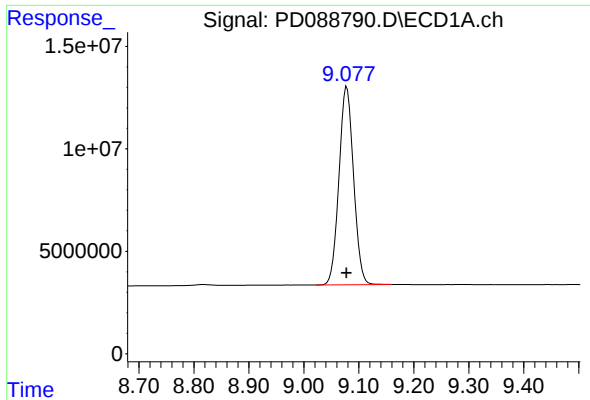
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.000 min
Response: 134059959
Conc: 51.60 ng/ml



#22 Mirex

R.T.: 7.188 min
Delta R.T.: -0.001 min
Response: 773159088
Conc: 50.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.078 min
Delta R.T.: 0.000 min
Response: 178197500
Conc: 52.07 ng/ml

Instrument :

ECD_D

ClientSampleId :

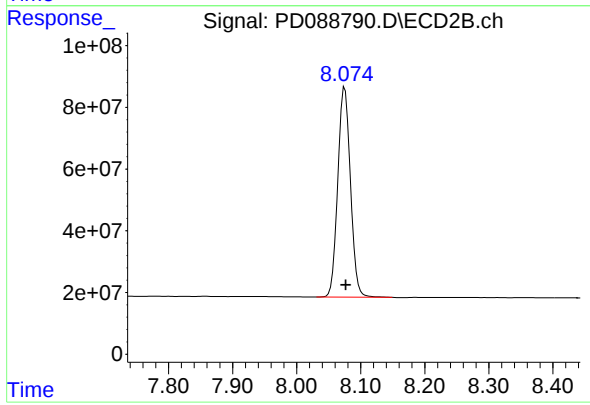
PSTDCCC050

Manual Integrations

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Reviewed By :Abdul Mirza 06/02/2025

Supervised By :mohammad ahmed 06/03/2025



#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.001 min
Response: 934986383
Conc: 51.21 ng/ml