

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052325\
 Data File : PD088717.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2025 10:59
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/27/2025
 Supervised By :mohammad ahmed 05/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 22 22:40:23 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...	3.557	2.881	119.0E6	812.6E6	55.000	53.719
28)	SA Decachlor...	9.085	8.077	182.0E6	904.1E6	53.183	49.522
Target Compounds							
2)	A alpha-BHC	4.007	3.394	265.9E6	1259.2E6	55.672	52.679
3)	MA gamma-BHC...	4.338	3.730	252.6E6	1155.3E6	54.885	52.120
4)	MA Heptachlor	4.938	4.084	237.8E6	1117.6E6	53.195	49.769
5)	MB Aldrin	5.280	4.369	239.9E6	1131.1E6	54.581	51.579m
6)	B beta-BHC	4.524	4.026	96371395	495.3E6	53.446	50.846
7)	B delta-BHC	4.773	4.264	242.0E6	1157.0E6	57.262	51.896
8)	B Heptachlo...	5.699	4.875	210.5E6	1010.1E6	53.028	50.833
9)	A Endosulfan I	6.083	5.249	200.9E6	876.7E6	53.392	46.192
10)	B gamma-Chl...	5.955	5.129	215.2E6	1090.8E6	53.946	51.137
11)	B alpha-Chl...	6.036	5.193	214.3E6	1042.8E6	53.494	50.562
12)	B 4,4'-DDE	6.205	5.376	190.0E6	1047.2E6	52.944	50.099m
13)	MA Dieldrin	6.356	5.516	215.9E6	1067.1E6	53.819	50.706
14)	MA Endrin	6.583	5.792	179.6E6	945.5E6	52.576	49.029
15)	B Endosulfa...	6.795	6.084	183.5E6	909.2E6	53.298	49.627
16)	A 4,4'-DDD	6.714	5.932	166.8E6	925.2E6	59.901	53.195
17)	MA 4,4'-DDT	7.030	6.186	133.9E6	781.2E6	42.879	43.073
18)	B Endrin al...	6.924	6.262	128.5E6	663.3E6	49.895	47.623
19)	B Endosulfa...	7.158	6.486	165.2E6	869.8E6	51.567	48.989
20)	A Methoxychlor	7.502	6.758	73461409	410.3E6	43.974	42.854
21)	B Endrin ke...	7.640	6.995	176.4E6	948.6E6	51.546	49.029
22)	Mirex	8.123	7.189	127.9E6	723.0E6	49.237	47.558

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052325\
Data File : PD088717.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 May 2025 10:59
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

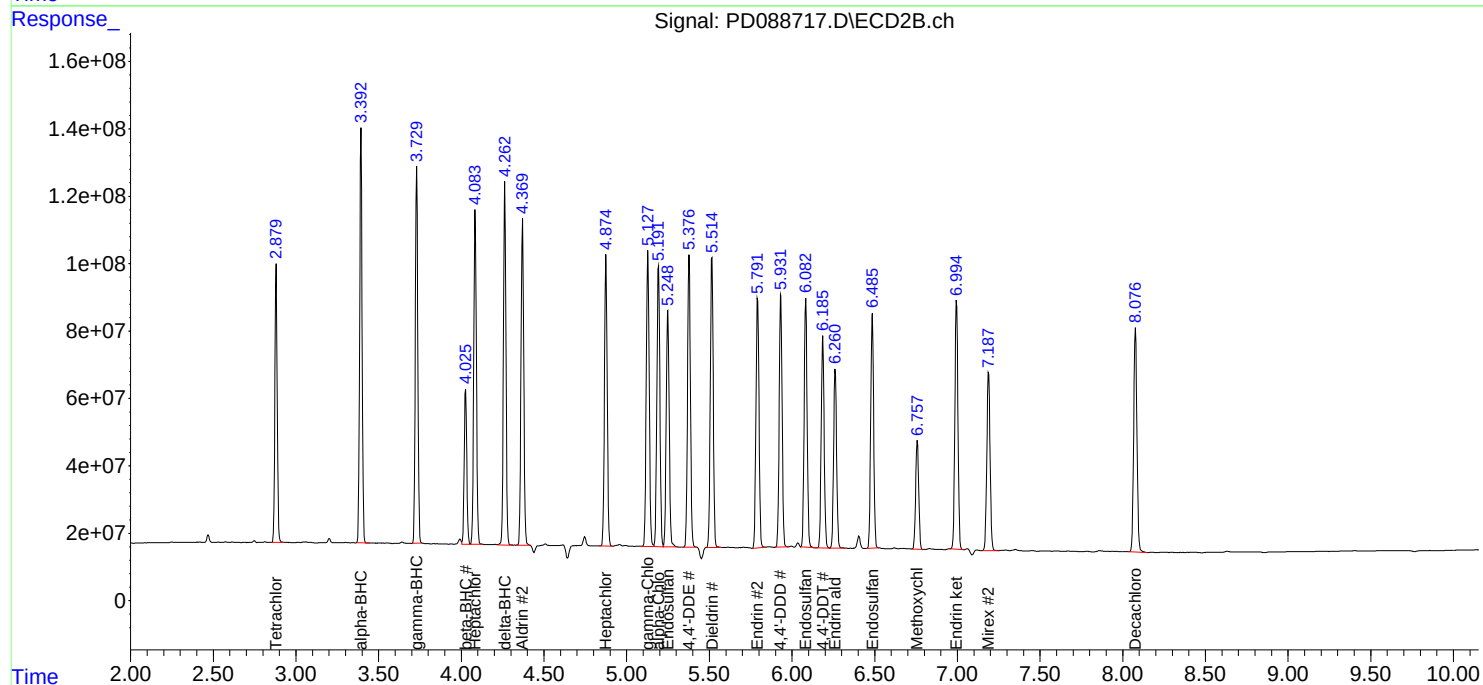
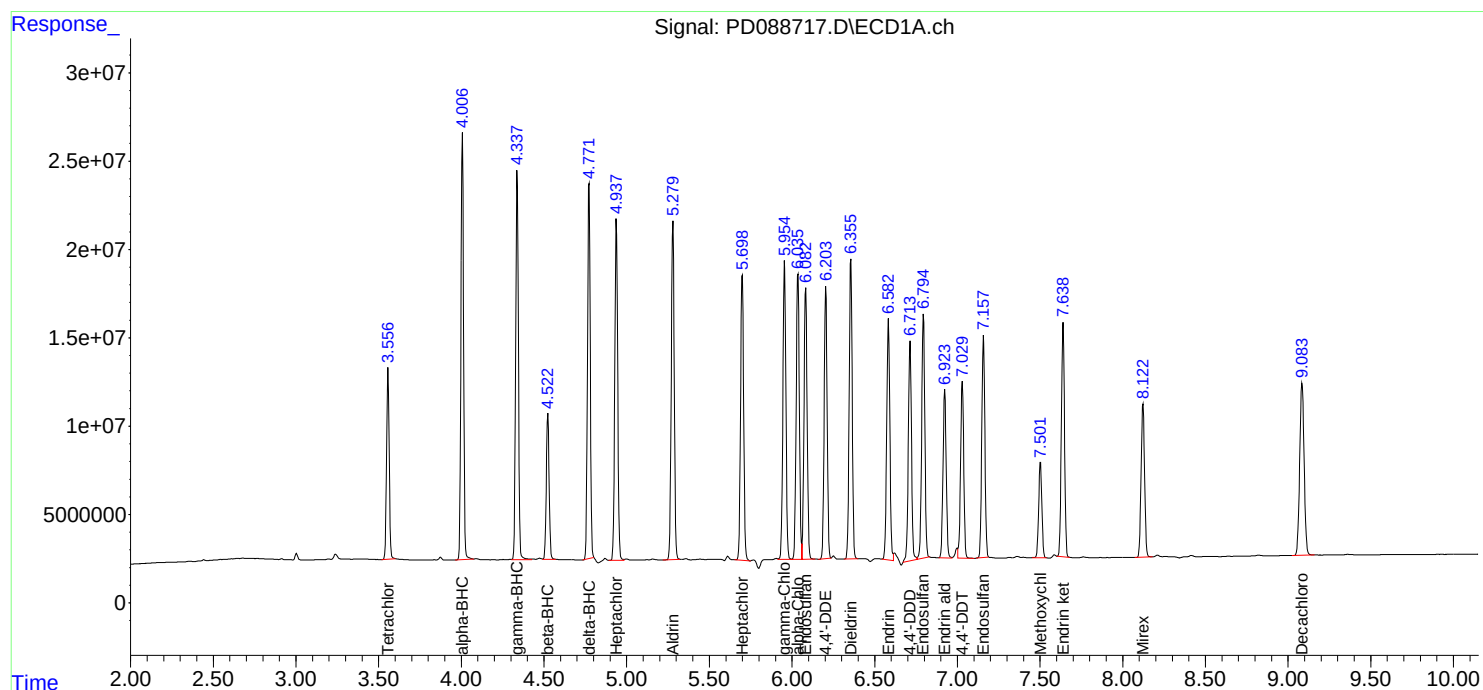
APPROVED

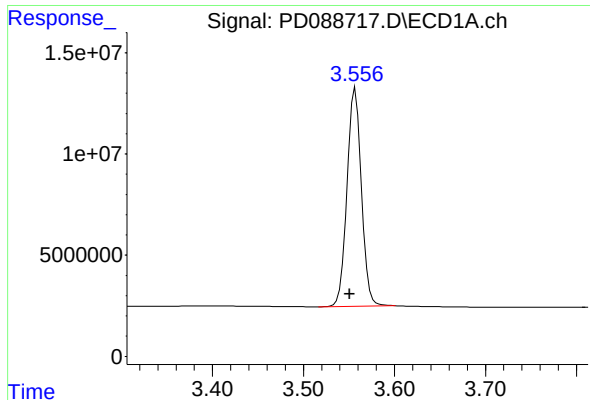
Reviewed By :Abdul Mirza 05/27/2025

Supervised By :mohammad ahmed 05/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 22 22:40:23 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





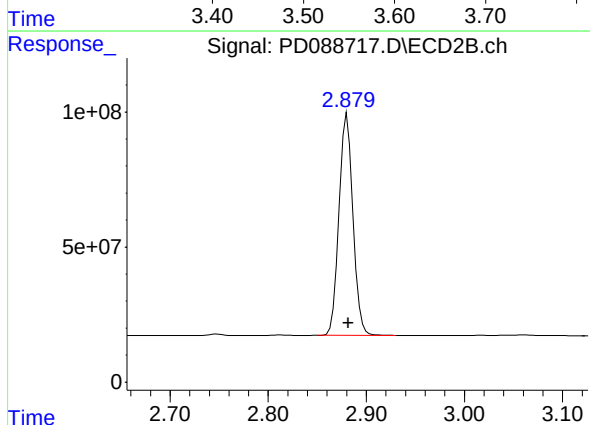
#1 Tetrachloro-m-xylene

R.T.: 3.557 min
Delta R.T.: 0.006 min
Response: 119007037
Conc: 55.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

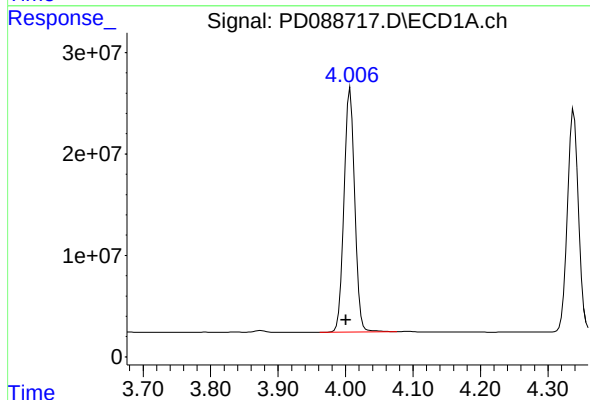
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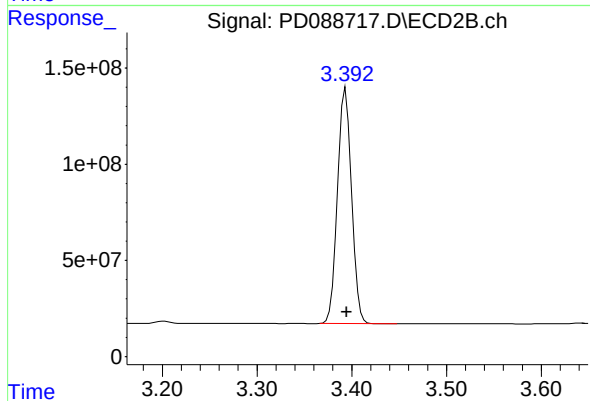
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: -0.001 min
Response: 812593365
Conc: 53.72 ng/ml



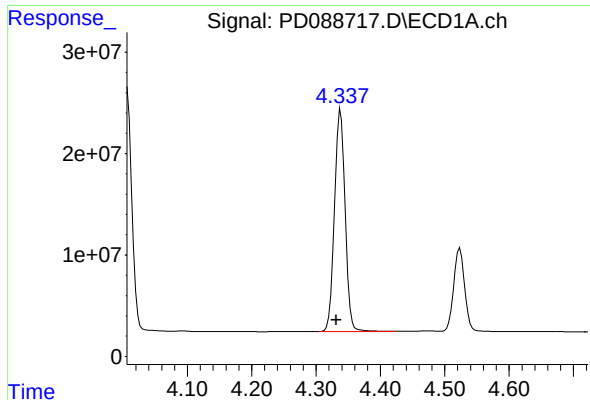
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.006 min
Response: 265919336
Conc: 55.67 ng/ml



#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 1259229779
Conc: 52.68 ng/ml



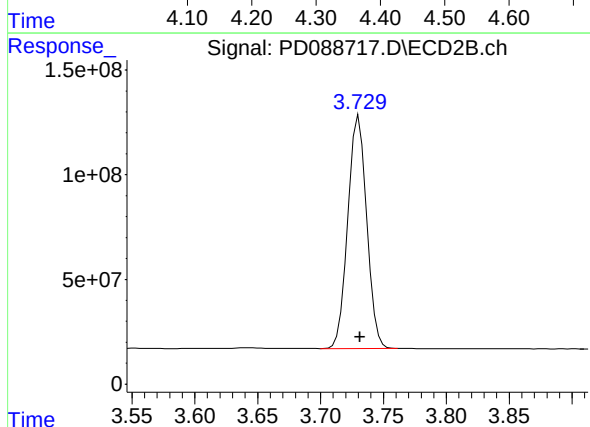
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.007 min
Response: 252622113
Conc: 54.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

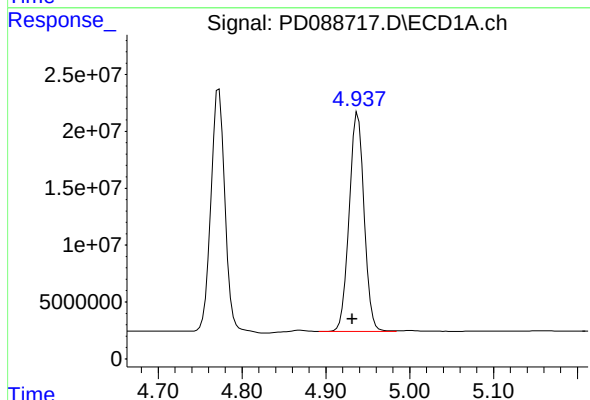
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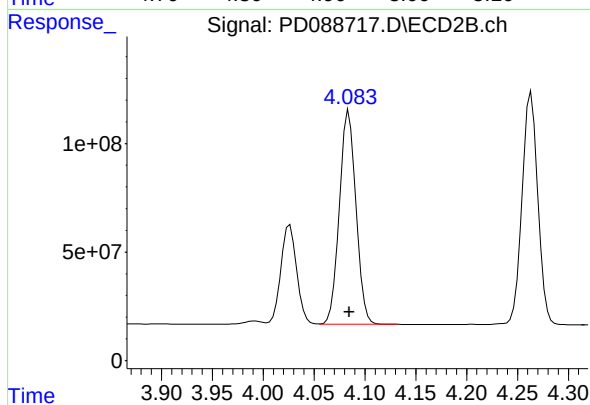
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: 0.000 min
Response: 1155277607
Conc: 52.12 ng/ml



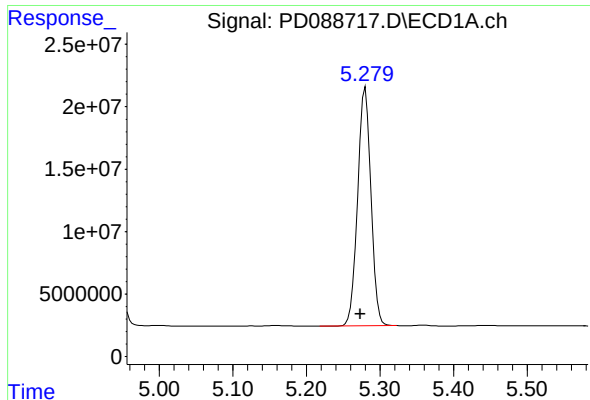
#4 Heptachlor

R.T.: 4.938 min
Delta R.T.: 0.007 min
Response: 237848202
Conc: 53.20 ng/ml



#4 Heptachlor

R.T.: 4.084 min
Delta R.T.: 0.000 min
Response: 1117558779
Conc: 49.77 ng/ml



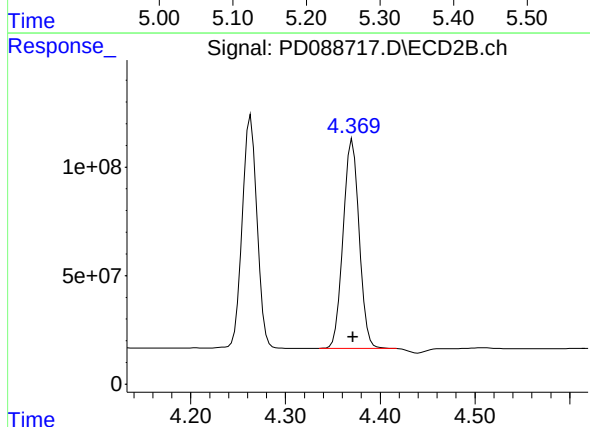
#5 Aldrin

R.T.: 5.280 min
Delta R.T.: 0.007 min
Response: 239858612
Conc: 54.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

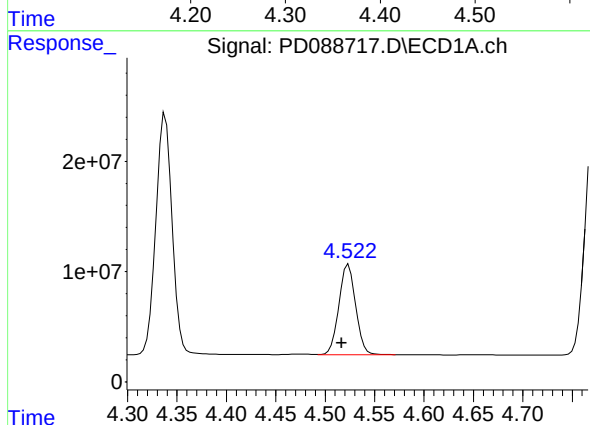
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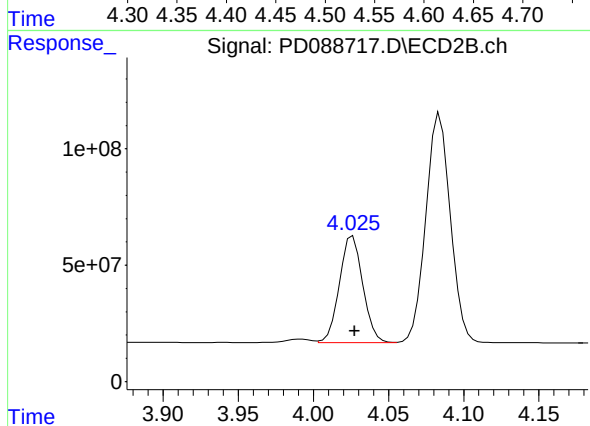
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: -0.002 min
Response: 1131110354
Conc: 51.58 ng/ml



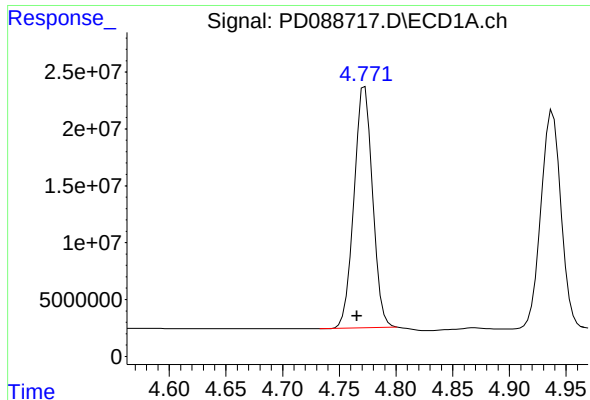
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.007 min
Response: 96371395
Conc: 53.45 ng/ml



#6 beta-BHC

R.T.: 4.026 min
Delta R.T.: -0.001 min
Response: 495340102
Conc: 50.85 ng/ml



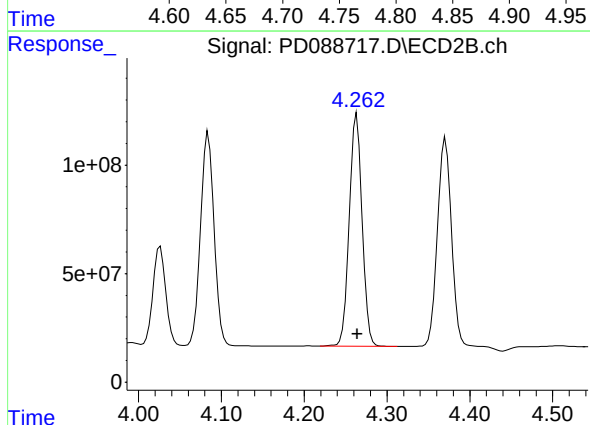
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.007 min
Response: 241998095
Conc: 57.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

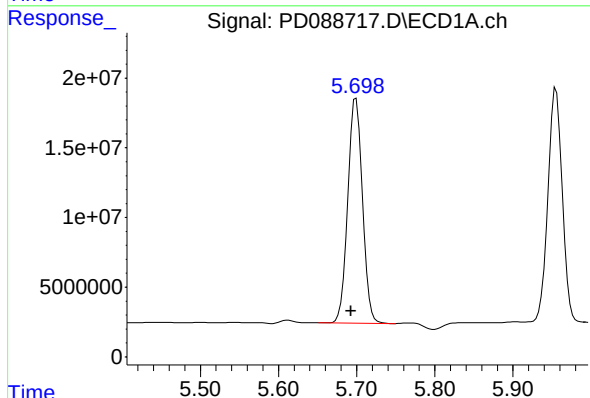
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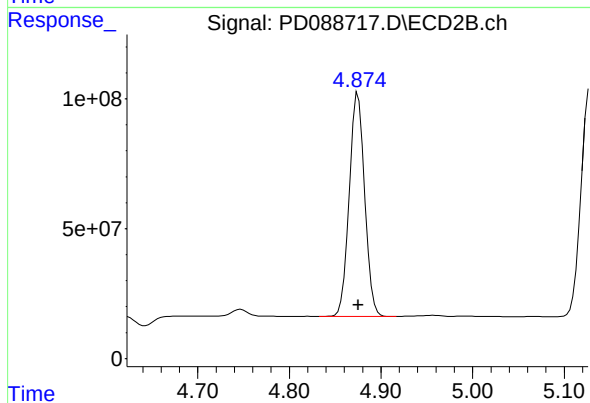
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 1156984761
Conc: 51.90 ng/ml



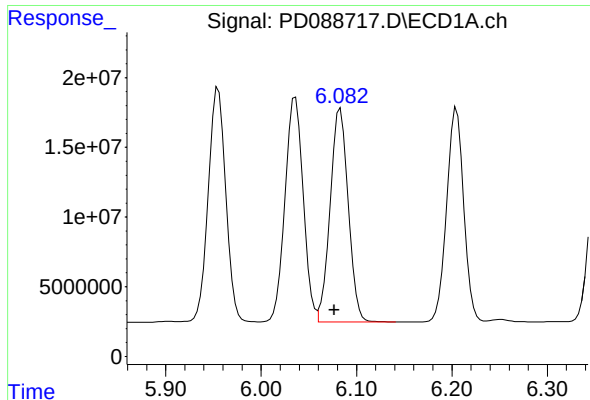
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: 0.007 min
Response: 210484958
Conc: 53.03 ng/ml



#8 Heptachlor epoxide

R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 1010126530
Conc: 50.83 ng/ml



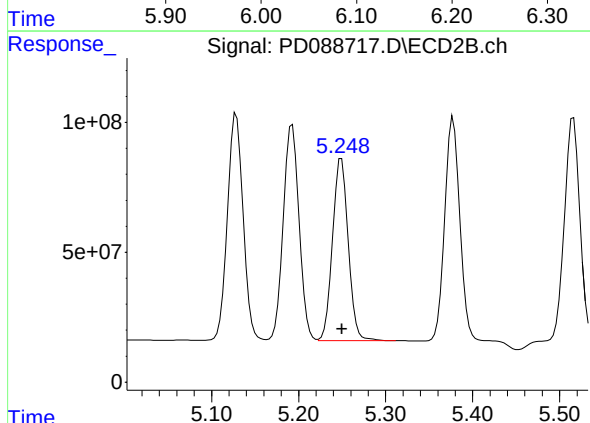
#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: 0.006 min
Response: 200909250
Conc: 53.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

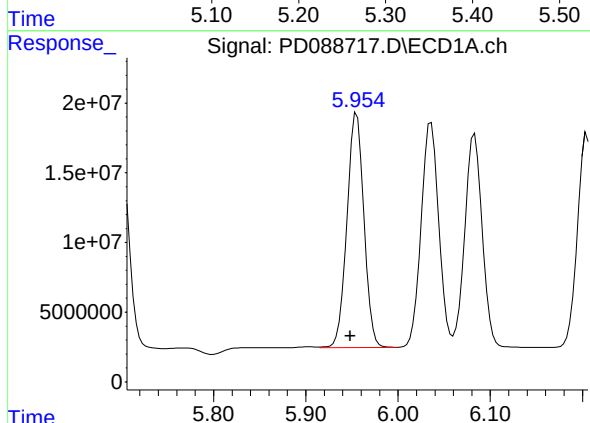
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Supervised By :mohammad ahmed 05/28/2025



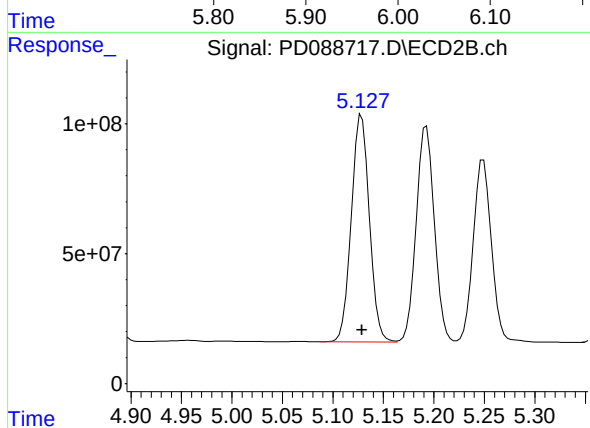
#9 Endosulfan I

R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 876657028
Conc: 46.19 ng/ml



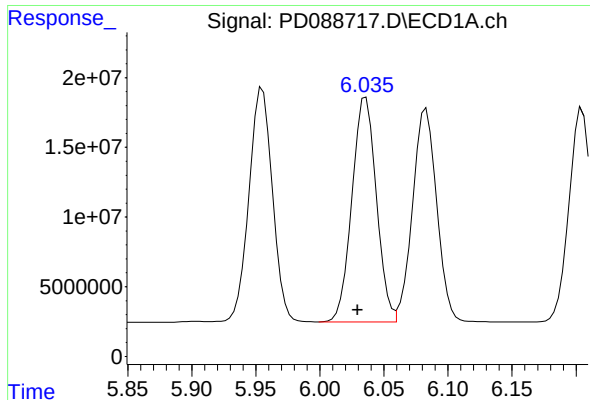
#10 gamma-Chlordane

R.T.: 5.955 min
Delta R.T.: 0.007 min
Response: 215186373
Conc: 53.95 ng/ml



#10 gamma-Chlordane

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 1090846049
Conc: 51.14 ng/ml



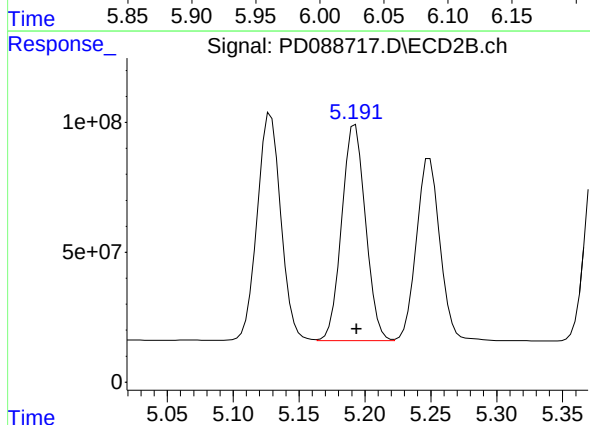
#11 alpha-Chlordane

R.T.: 6.036 min
Delta R.T.: 0.006 min
Response: 214311066
Conc: 53.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

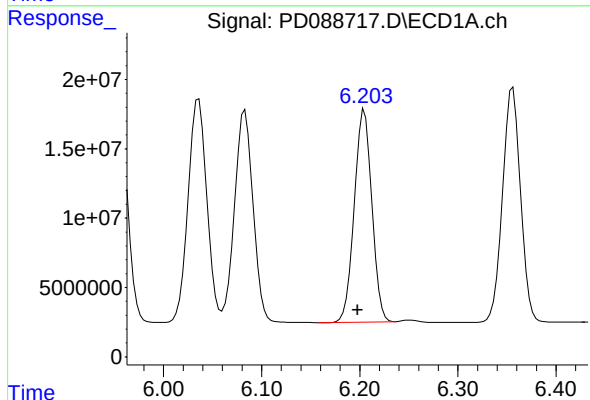
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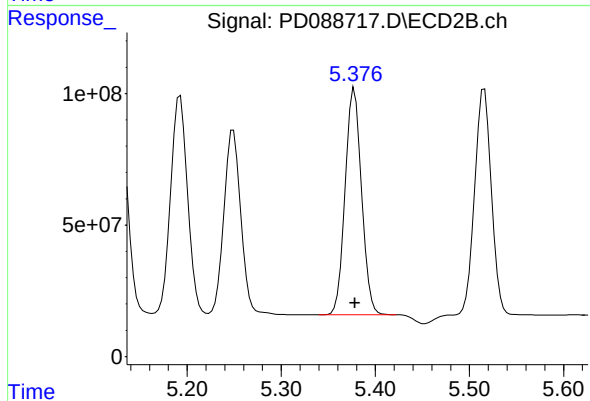
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 1042825103
Conc: 50.56 ng/ml



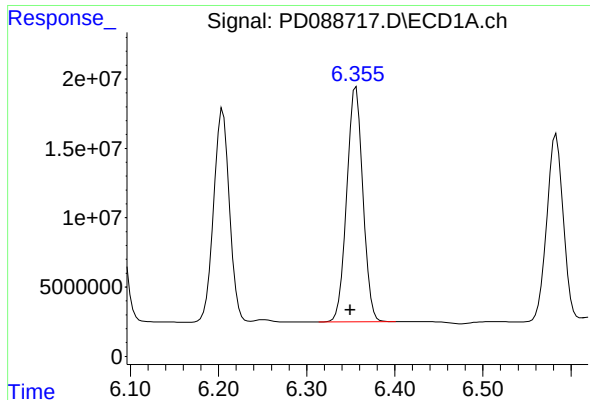
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.007 min
Response: 190035662
Conc: 52.94 ng/ml



#12 4,4'-DDE

R.T.: 5.376 min
Delta R.T.: -0.002 min
Response: 1047198906
Conc: 50.10 ng/ml m



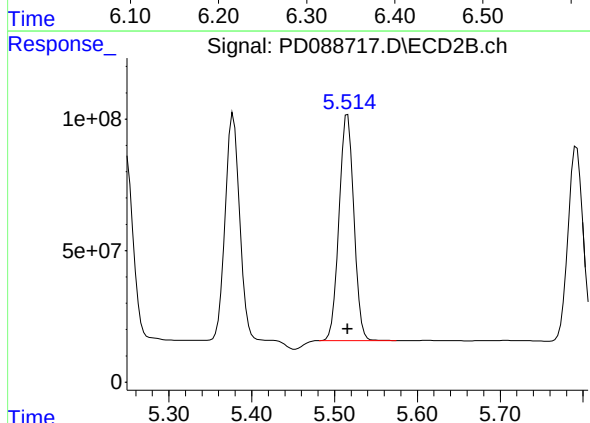
#13 Dieldrin

R.T.: 6.356 min
Delta R.T.: 0.007 min
Response: 215908974
Conc: 53.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

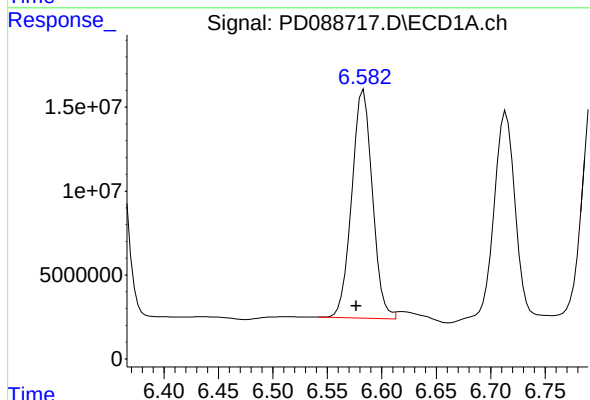
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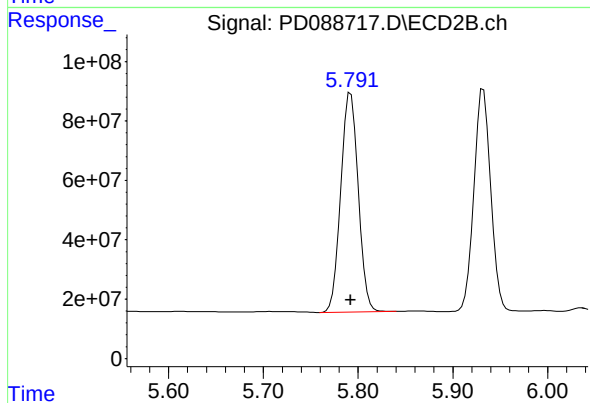
#13 Dieldrin

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 1067061319
Conc: 50.71 ng/ml



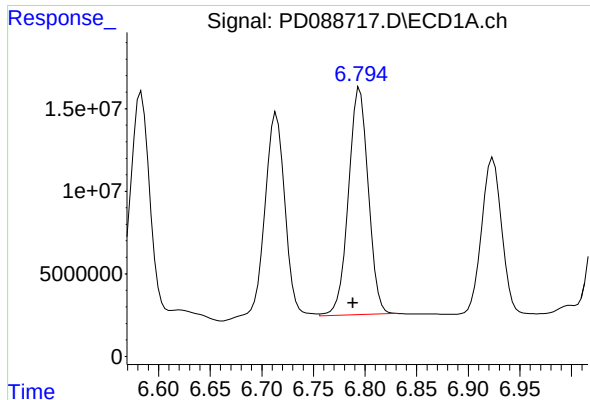
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.007 min
Response: 179557125
Conc: 52.58 ng/ml



#14 Endrin

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 945482098
Conc: 49.03 ng/ml



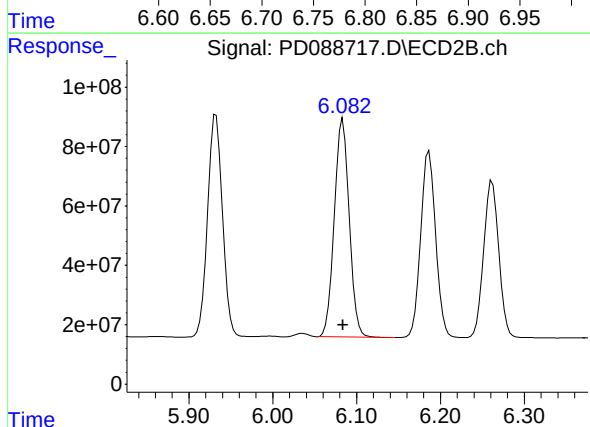
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.006 min
Response: 183536284
Conc: 53.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

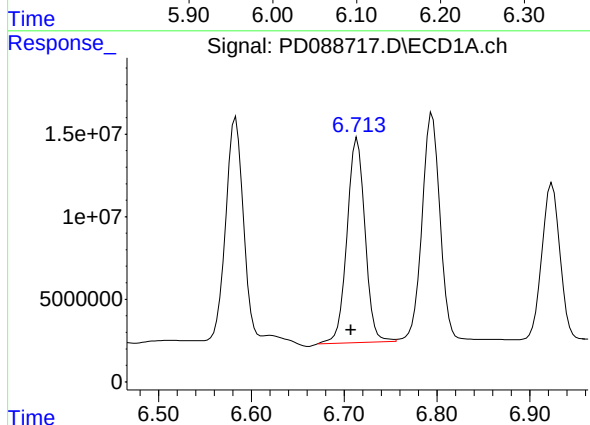
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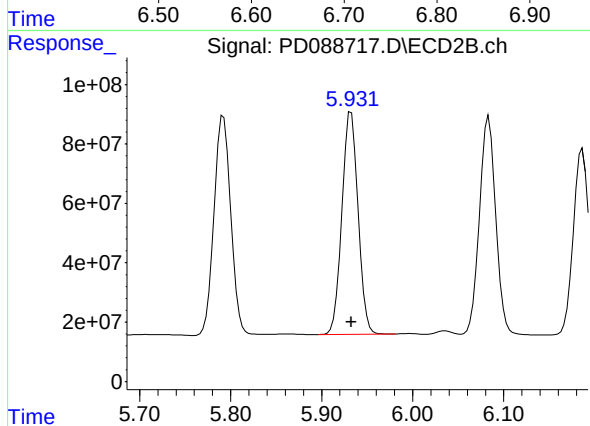
#15 Endosulfan II

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 909246517
Conc: 49.63 ng/ml



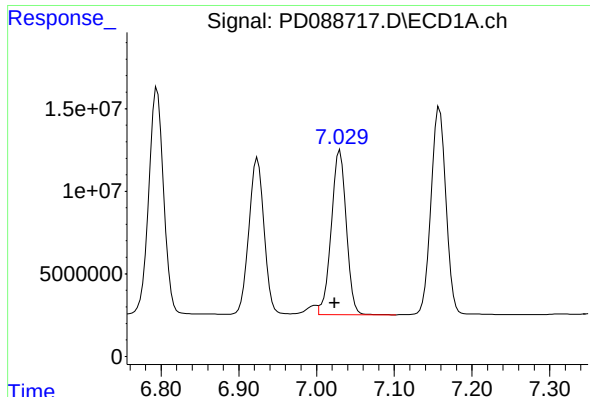
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.007 min
Response: 166830151
Conc: 59.90 ng/ml



#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 925191778
Conc: 53.20 ng/ml



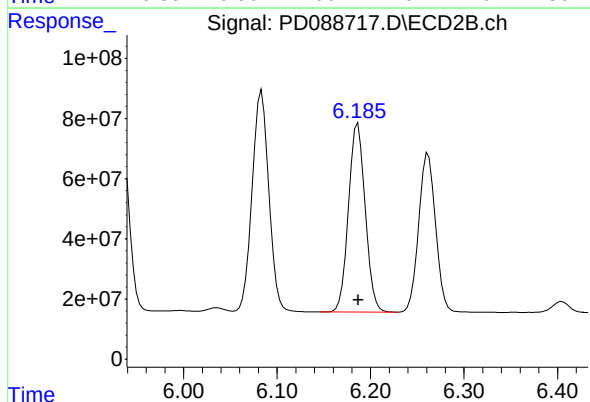
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.007 min
Response: 133870480
Conc: 42.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

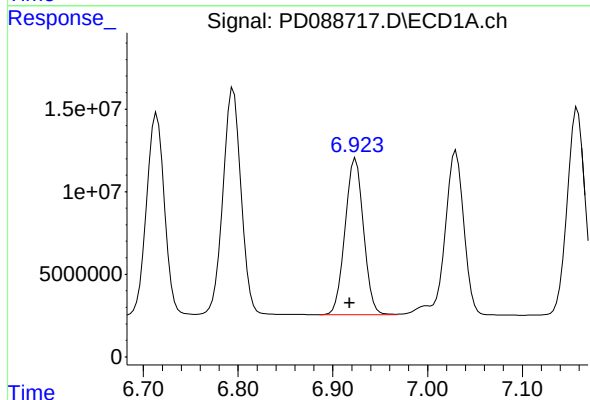
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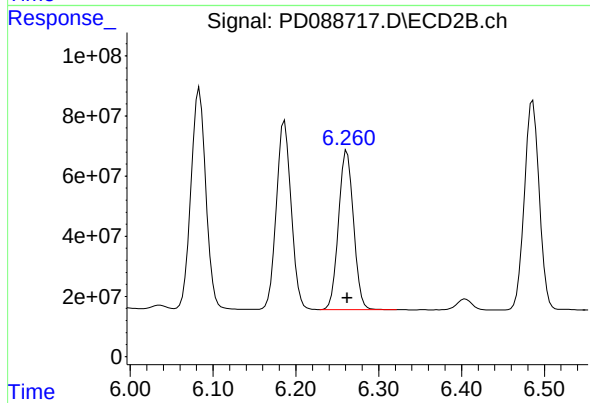
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 781223747
Conc: 43.07 ng/ml



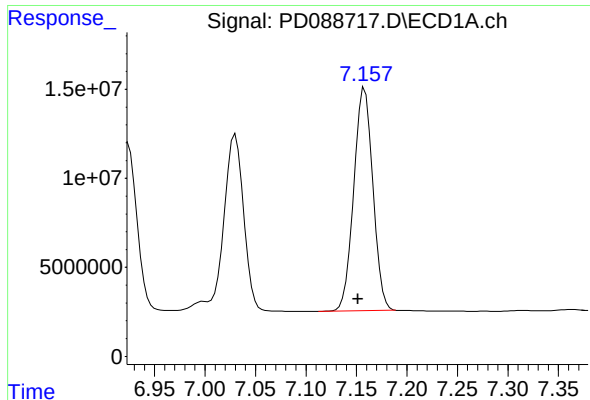
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.007 min
Response: 128460157
Conc: 49.90 ng/ml



#18 Endrin aldehyde

R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 663326500
Conc: 47.62 ng/ml



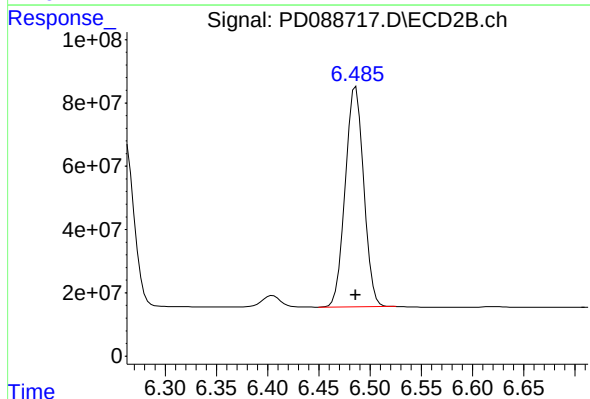
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.007 min
Response: 165174077
Conc: 51.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

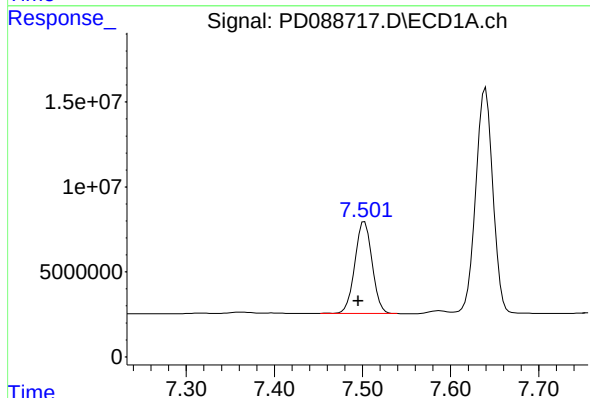
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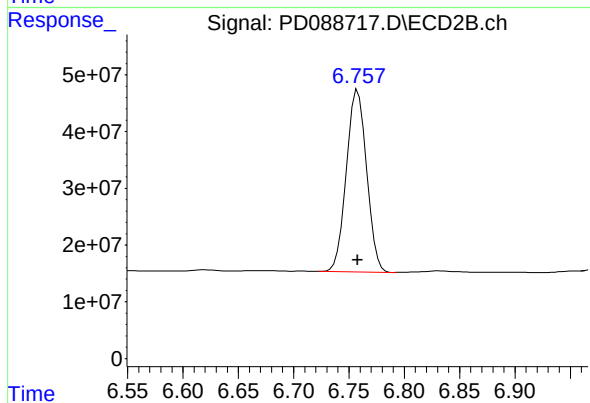
#19 Endosulfan Sulfate

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 869833825
Conc: 48.99 ng/ml



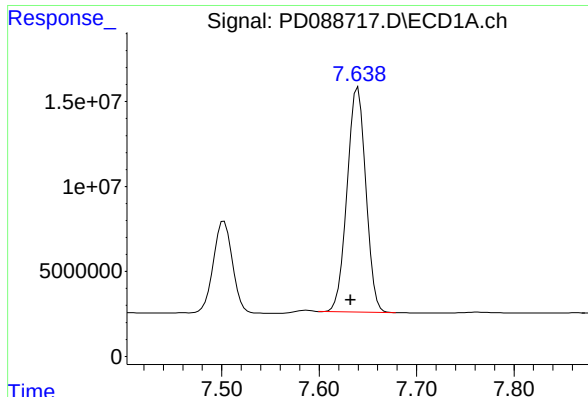
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.007 min
Response: 73461409
Conc: 43.97 ng/ml



#20 Methoxychlor

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 410315903
Conc: 42.85 ng/ml



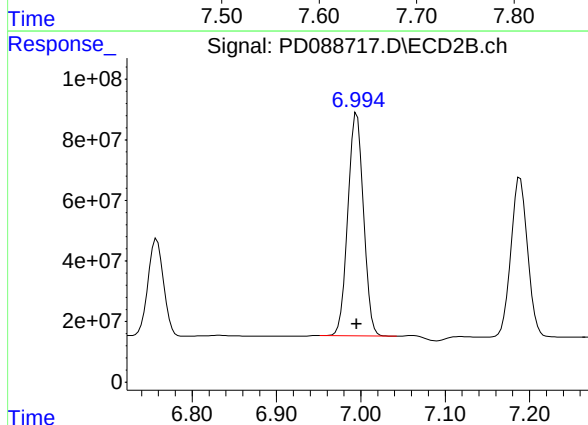
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: 0.007 min
Response: 176448972
Conc: 51.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

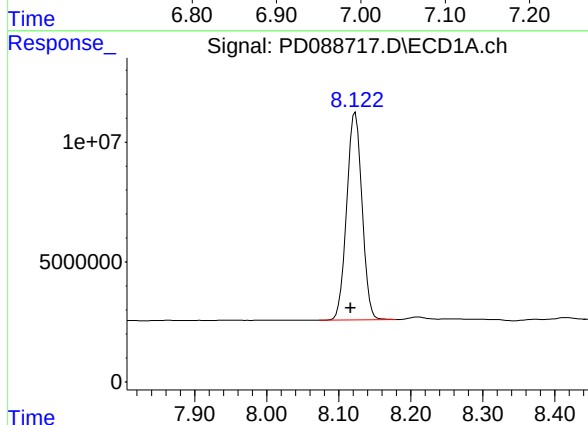
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/27/2025
Supervised By :mohammad ahmed 05/28/2025



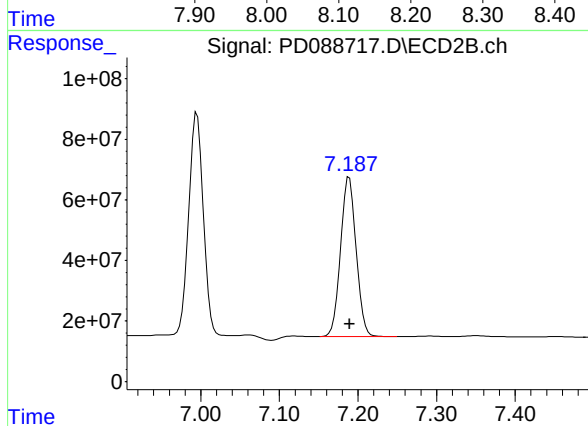
#21 Endrin ketone

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 948583545
Conc: 49.03 ng/ml



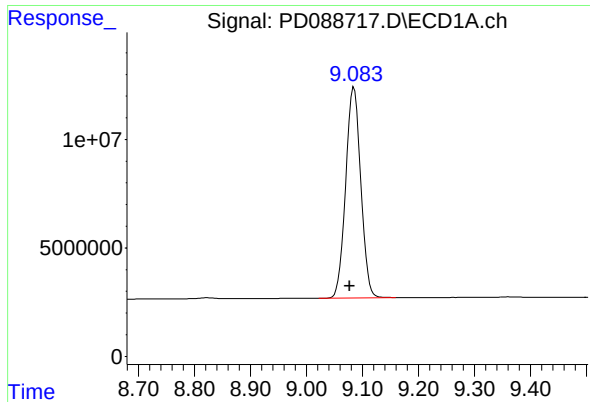
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.006 min
Response: 127930097
Conc: 49.24 ng/ml



#22 Mirex

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 722989268
Conc: 47.56 ng/ml



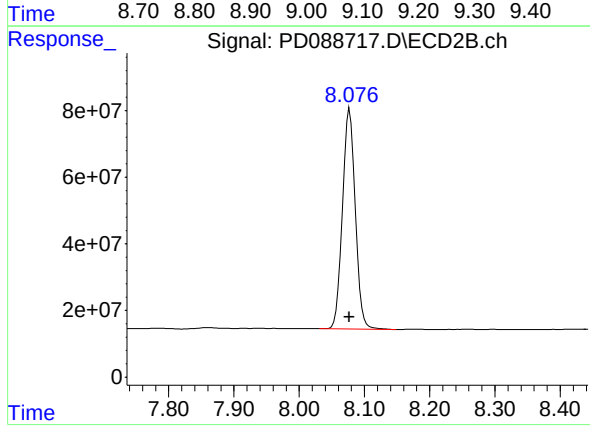
#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.007 min
Response: 182008928
Conc: 53.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.077 min
Delta R.T.: 0.000 min
Response: 904084191
Conc: 49.52 ng/ml