

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052325\
 Data File : PD088722.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2025 14:23
 Operator : AR\AJ
 Sample : PB168125BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB168125BS

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 22:43:13 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	47839578	347.8E6	22.110	22.991
28)	SA Decachlor...	9.087	8.076	75610958	384.1E6	22.093	21.038
Target Compounds							
2)	A alpha-BHC	4.008	3.394	243.0E6	1199.2E6	50.869	50.168
3)	MA gamma-BHC...	4.339	3.731	234.9E6	1113.7E6	51.029	50.245
4)	MA Heptachlor	4.939	4.084	225.0E6	1084.2E6	50.319	48.284
5)	MB Aldrin	5.281	4.369	228.4E6	1102.5E6	51.985	50.273m
6)	B beta-BHC	4.524	4.027	89891747	486.2E6	49.852	49.912
7)	B delta-BHC	4.772	4.264	215.0E6	1063.4E6	50.875	47.700
8)	B Heptachlo...	5.700	4.875	203.9E6	990.4E6	51.379	49.839
9)	A Endosulfan I	6.083	5.249	194.1E6	853.1E6	51.582	44.949
10)	B gamma-Chl...	5.955	5.128	207.0E6	1066.3E6	51.887	49.987
11)	B alpha-Chl...	6.037	5.193	206.5E6	1021.0E6	51.542	49.502
12)	B 4,4'-DDE	6.205	5.376	184.2E6	1034.1E6	51.314	49.473m
13)	MA Dieldrin	6.357	5.515	208.1E6	1047.4E6	51.868	49.771
14)	MA Endrin	6.585	5.792	172.8E6	928.8E6	50.592	48.164
15)	B Endosulfa...	6.795	6.082	175.5E6	899.5E6	50.970	49.093m
16)	A 4,4'-DDD	6.714	5.932	167.3E6	927.2E6	60.065	53.311
17)	MA 4,4'-DDT	7.031	6.186	124.2E6	731.2E6	39.784	40.317
18)	B Endrin al...	6.924	6.261	126.7E6	660.7E6	49.227	47.435
19)	B Endosulfa...	7.159	6.485	158.4E6	838.9E6	49.450	47.246
20)	A Methoxychlor	7.502	6.758	68294814	387.5E6	40.882	40.466
21)	B Endrin ke...	7.640	6.994	174.2E6	929.8E6	50.881	48.056
22)	Mirex	8.124	7.189	122.0E6	695.0E6	46.965	45.715

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052325\
Data File : PD088722.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 May 2025 14:23
Operator : AR\AJ
Sample : PB168125BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D

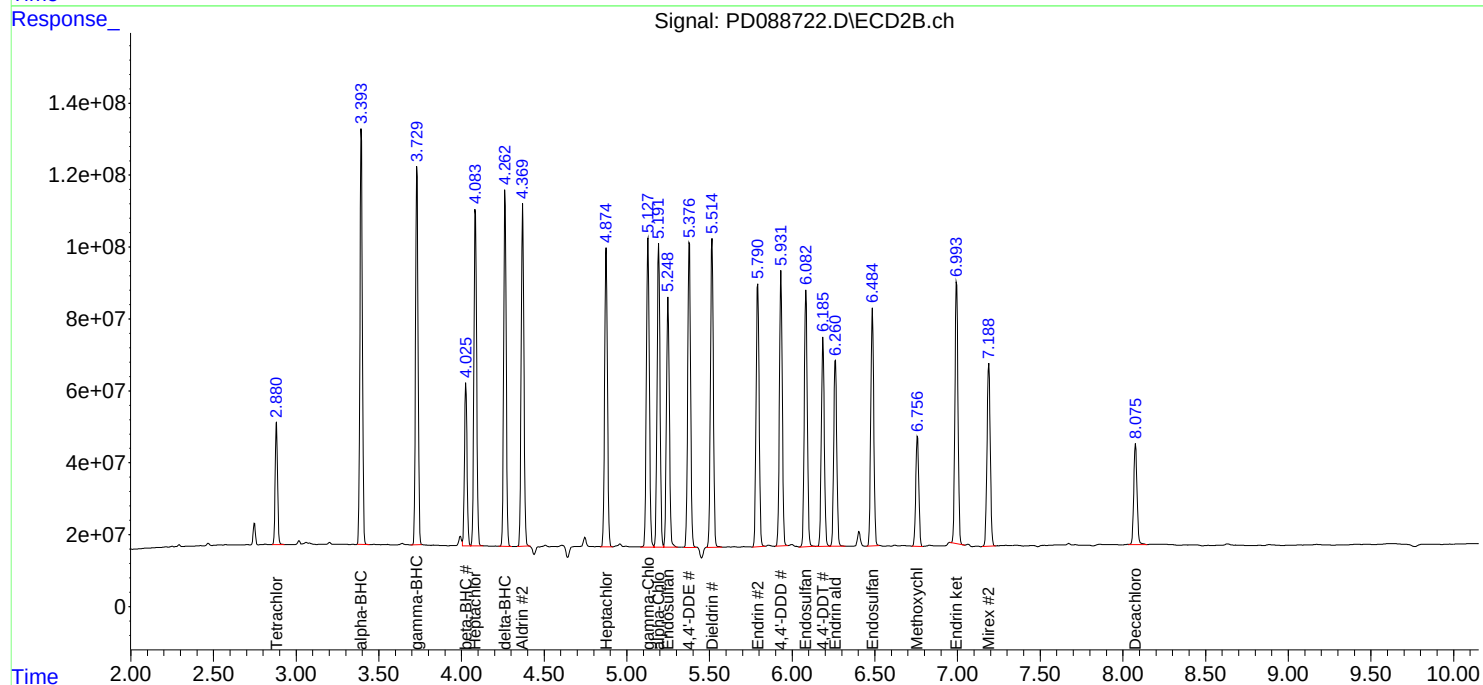
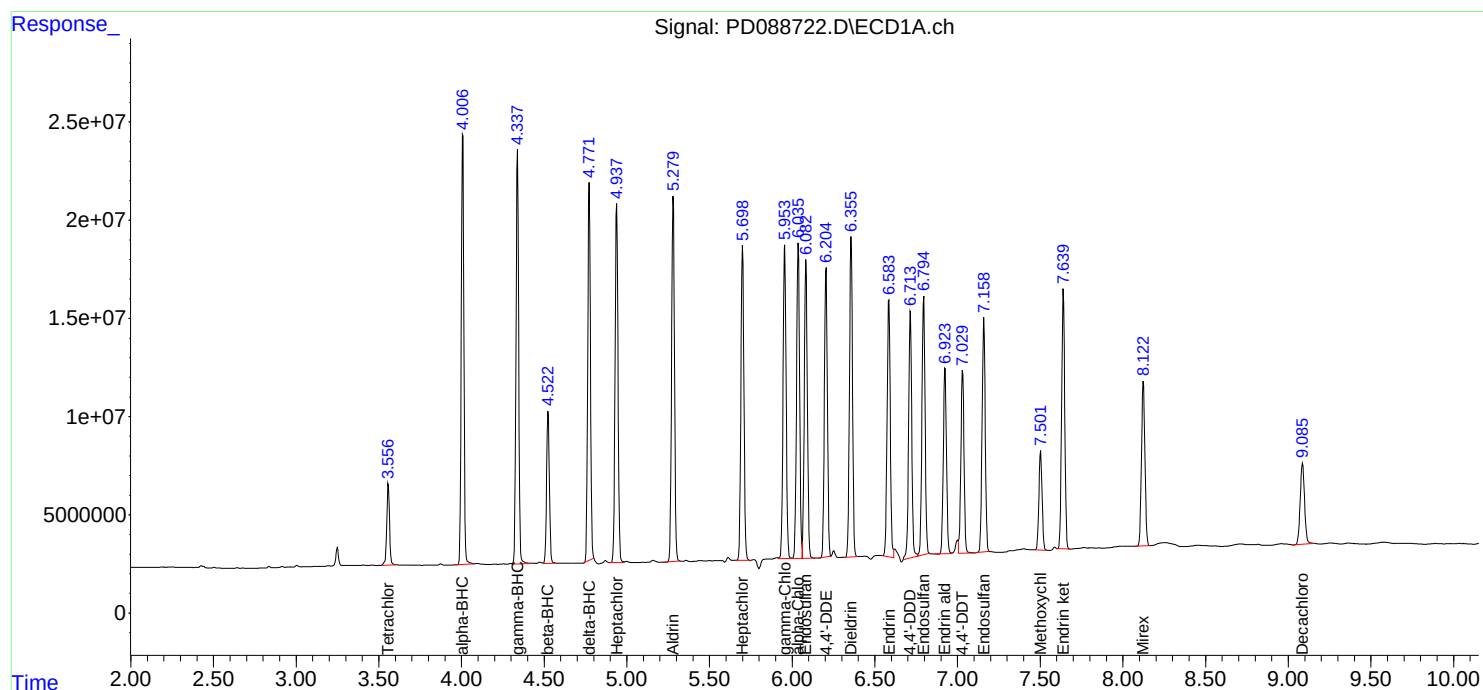
ClientSampleId :
PB168125BS

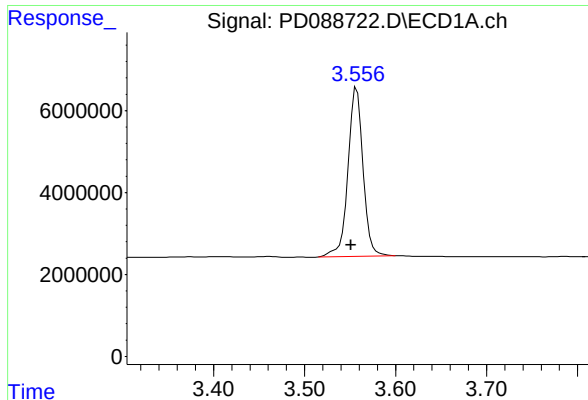
Manual Integrations
APPROVED

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 22:43:13 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





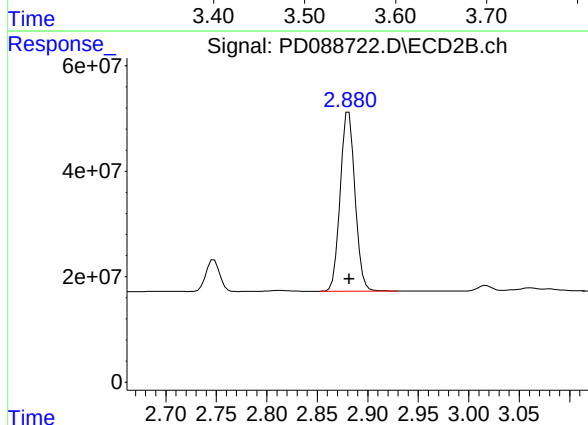
#1 Tetrachloro-m-xylene

R.T.: 3.557 min
Delta R.T.: 0.006 min
Response: 47839578
Conc: 22.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168125BS

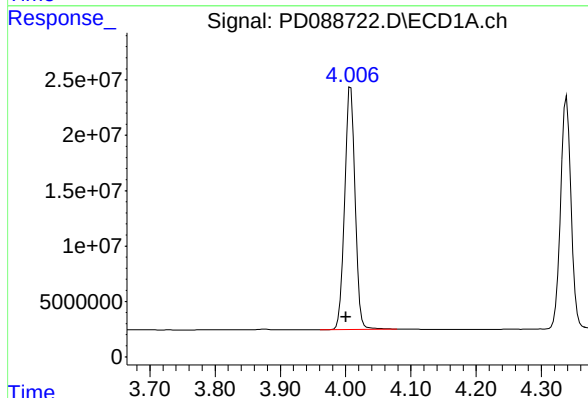
Manual Integrations
APPROVED

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



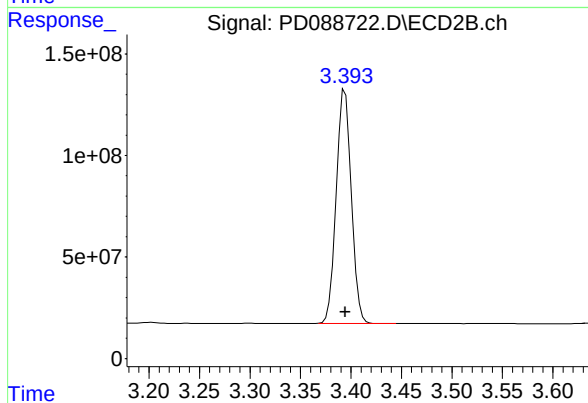
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 347781346
Conc: 22.99 ng/ml



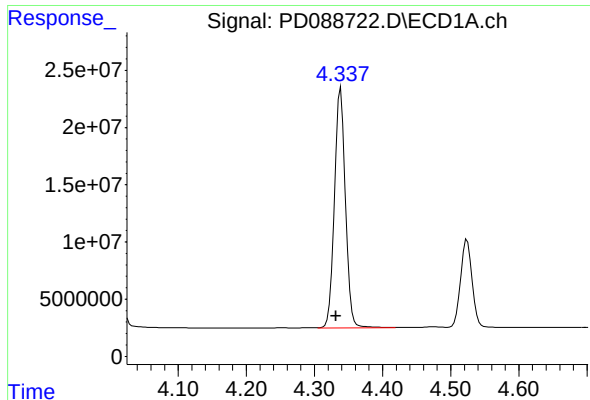
#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: 0.007 min
Response: 242977549
Conc: 50.87 ng/ml



#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 1199205822
Conc: 50.17 ng/ml



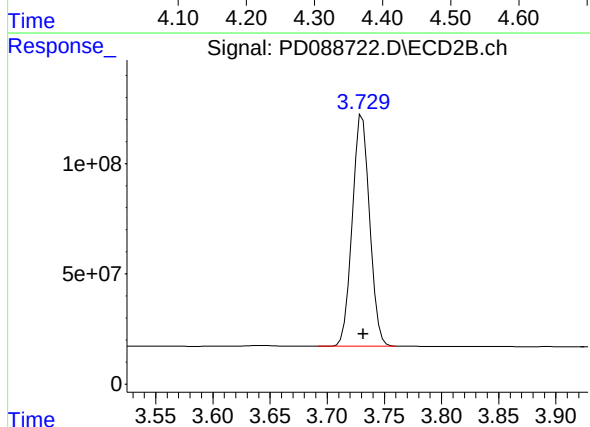
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.007 min
Response: 234873923
Conc: 51.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168125BS

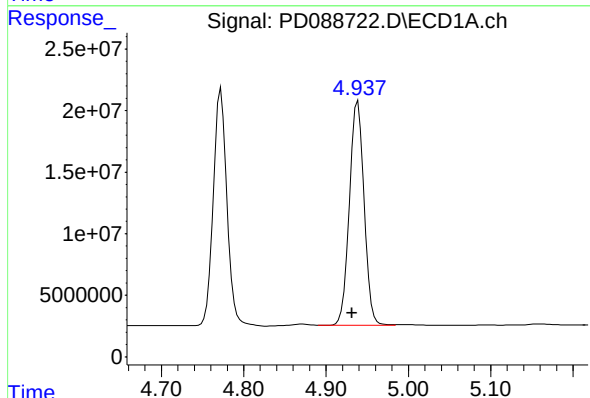
Manual Integrations
APPROVED

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



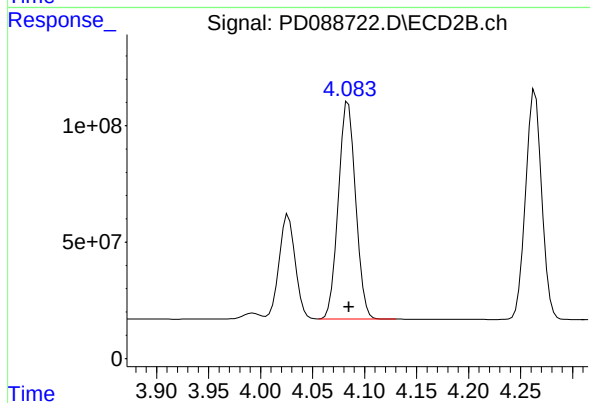
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: 0.000 min
Response: 1113719023
Conc: 50.25 ng/ml



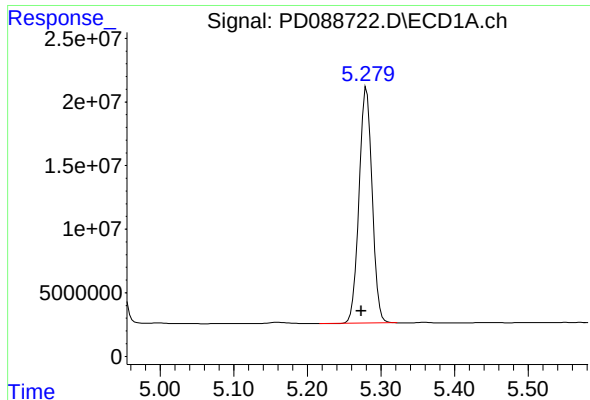
#4 Heptachlor

R.T.: 4.939 min
Delta R.T.: 0.007 min
Response: 224987224
Conc: 50.32 ng/ml



#4 Heptachlor

R.T.: 4.084 min
Delta R.T.: 0.000 min
Response: 1084202147
Conc: 48.28 ng/ml



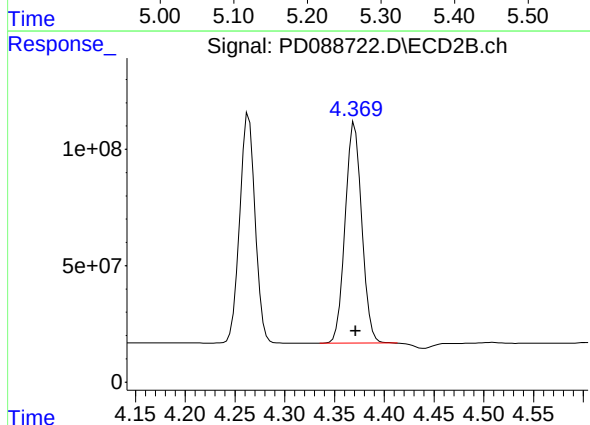
#5 Aldrin

R.T.: 5.281 min
Delta R.T.: 0.007 min
Response: 228448244
Conc: 51.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168125BS

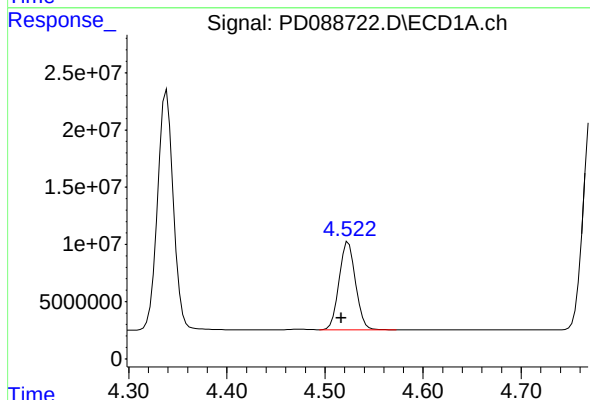
Manual Integrations
APPROVED

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



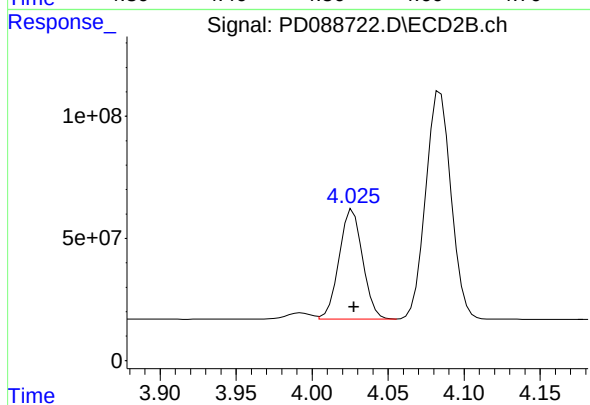
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: -0.002 min
Response: 1102485142
Conc: 50.27 ng/ml



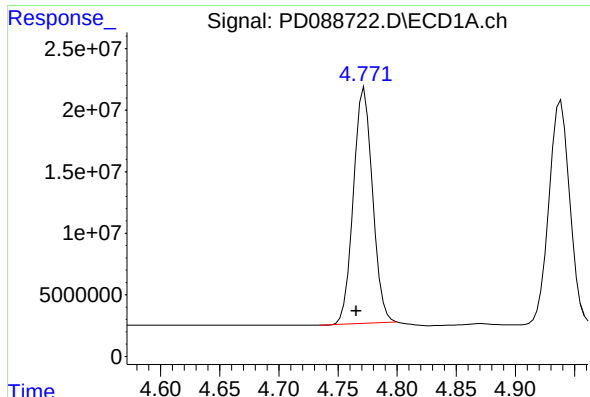
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.007 min
Response: 89891747
Conc: 49.85 ng/ml



#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 486237732
Conc: 49.91 ng/ml



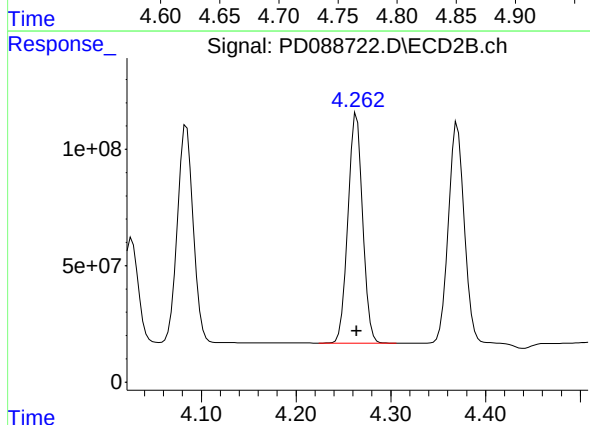
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.007 min
Response: 215003537
Conc: 50.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168125BS

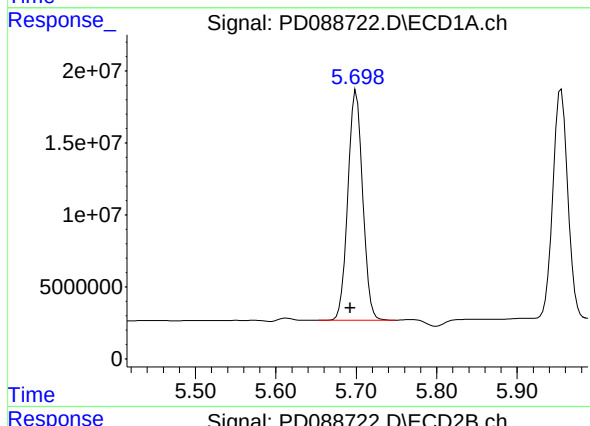
Manual Integrations
APPROVED

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



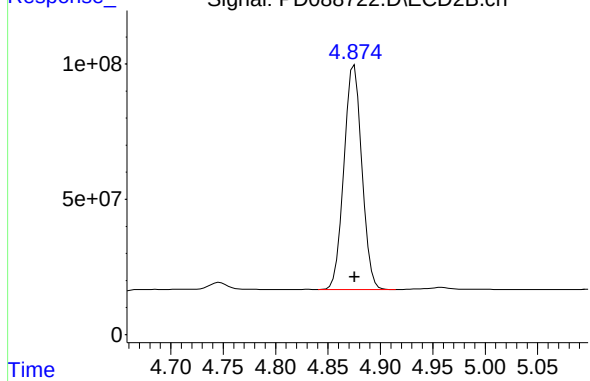
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 1063436578
Conc: 47.70 ng/ml



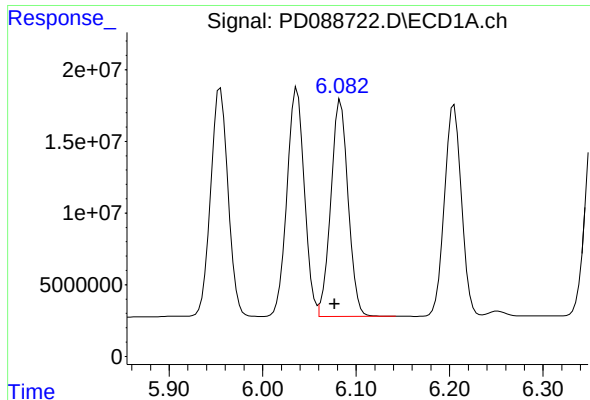
#8 Heptachlor epoxide

R.T.: 5.700 min
Delta R.T.: 0.007 min
Response: 203939536
Conc: 51.38 ng/ml



#8 Heptachlor epoxide

R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 990359083
Conc: 49.84 ng/ml



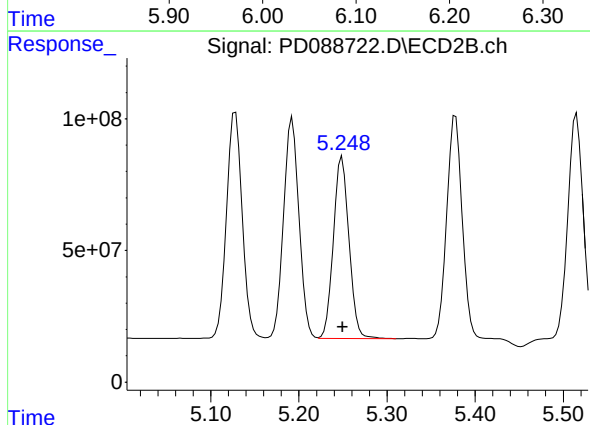
#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: 0.006 min
Response: 194097560
Conc: 51.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168125BS

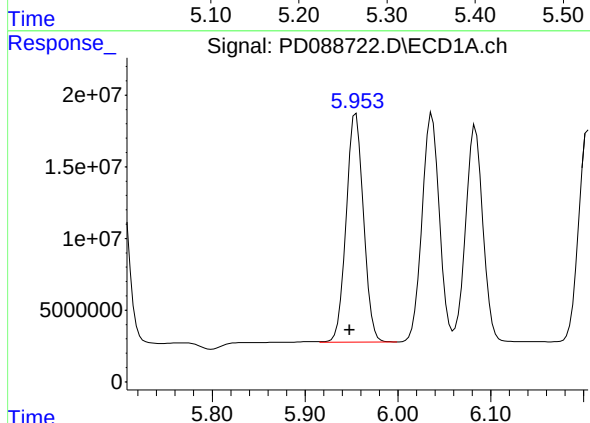
Manual Integrations
APPROVED

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



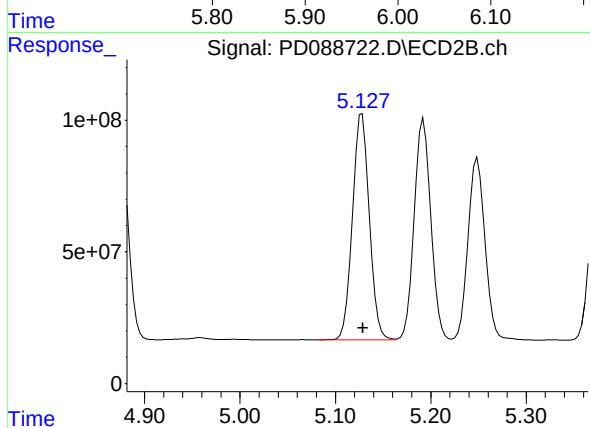
#9 Endosulfan I

R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 853062586
Conc: 44.95 ng/ml



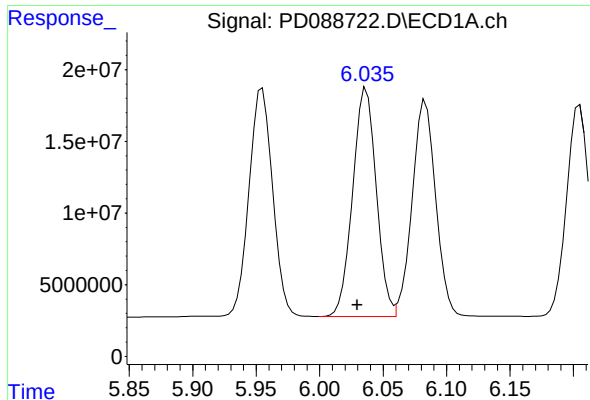
#10 gamma-Chlordane

R.T.: 5.955 min
Delta R.T.: 0.006 min
Response: 206973248
Conc: 51.89 ng/ml



#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: 0.000 min
Response: 1066325499
Conc: 49.99 ng/ml



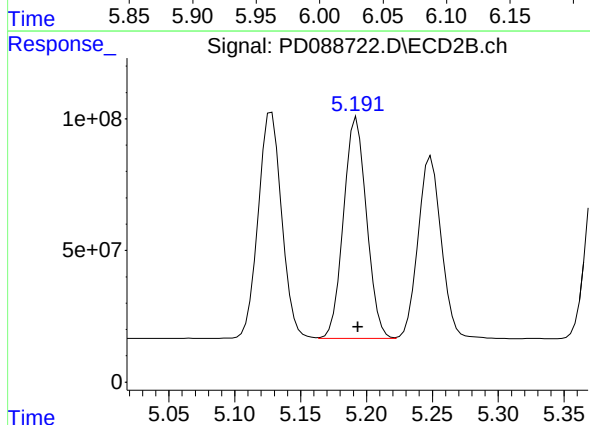
#11 alpha-Chlordane

R.T.: 6.037 min
Delta R.T.: 0.007 min
Response: 206492258
Conc: 51.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168125BS

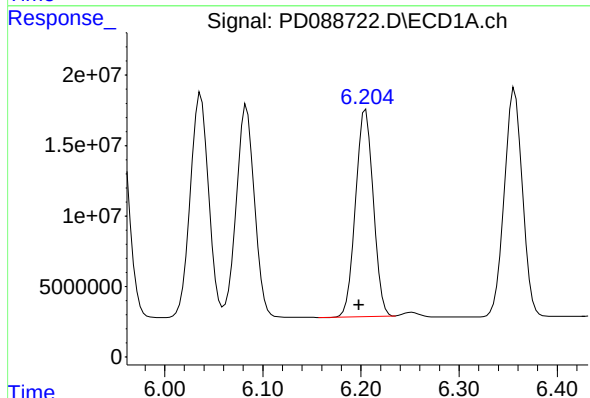
Manual Integrations
APPROVED

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



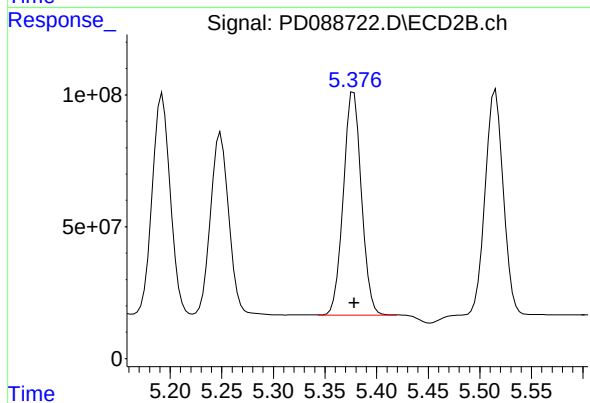
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: -0.001 min
Response: 1020963836
Conc: 49.50 ng/ml



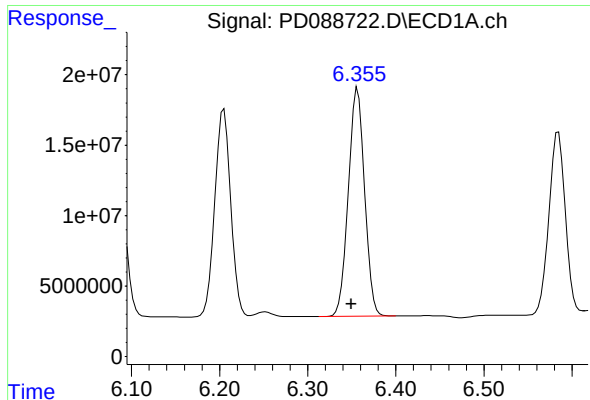
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.007 min
Response: 184186510
Conc: 51.31 ng/ml



#12 4,4'-DDE

R.T.: 5.376 min
Delta R.T.: -0.002 min
Response: 1034123075
Conc: 49.47 ng/ml m



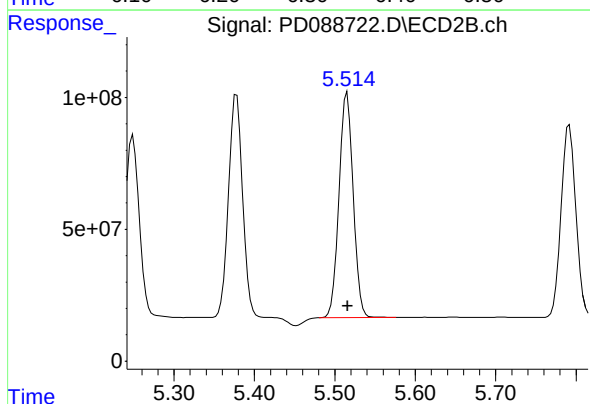
#13 Dieldrin

R.T.: 6.357 min
Delta R.T.: 0.007 min
Response: 208082191
Conc: 51.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168125BS

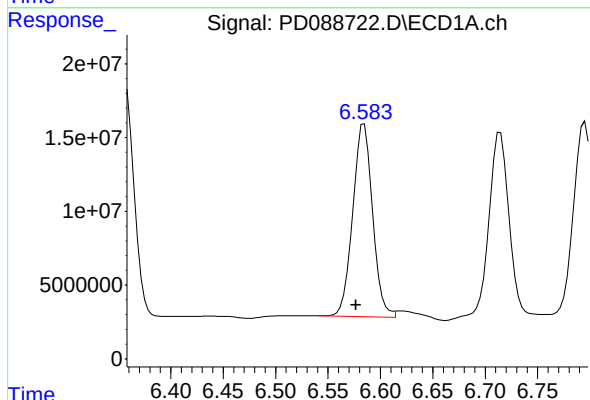
Manual Integrations
APPROVED

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



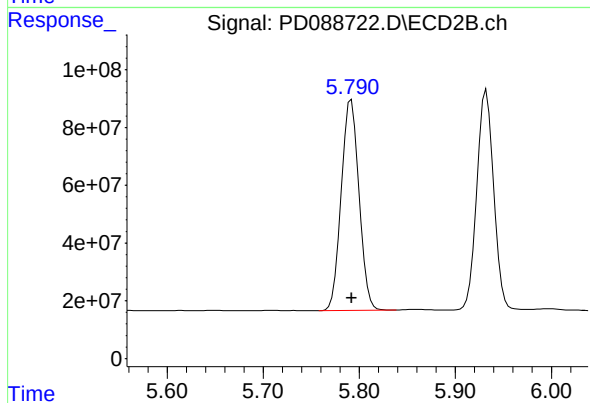
#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 1047375035
Conc: 49.77 ng/ml



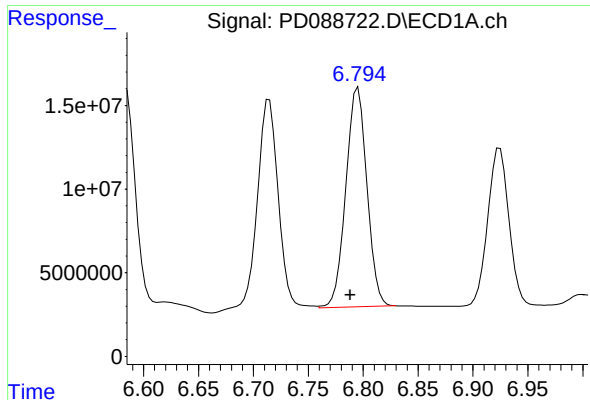
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.008 min
Response: 172781848
Conc: 50.59 ng/ml



#14 Endrin

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 928791297
Conc: 48.16 ng/ml



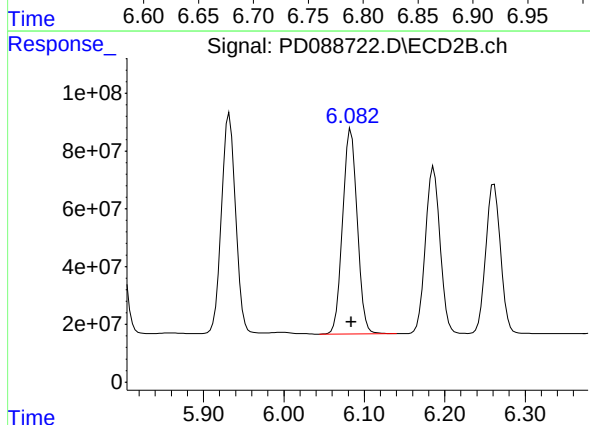
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.007 min
Response: 175520924
Conc: 50.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168125BS

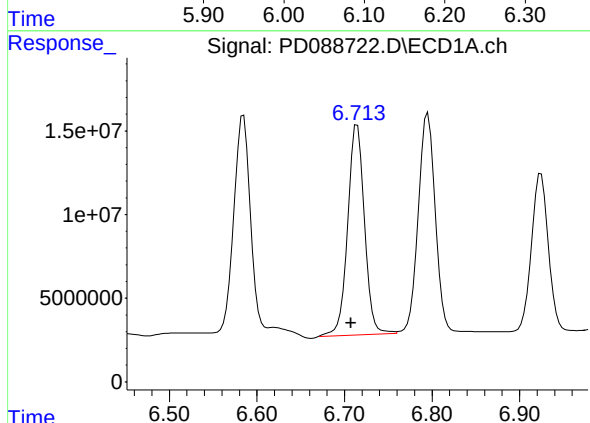
Manual Integrations
APPROVED

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



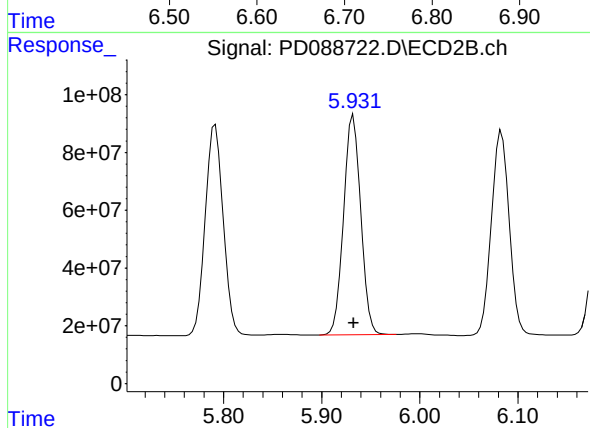
#15 Endosulfan II

R.T.: 6.082 min
Delta R.T.: -0.002 min
Response: 899478900
Conc: 49.09 ng/ml



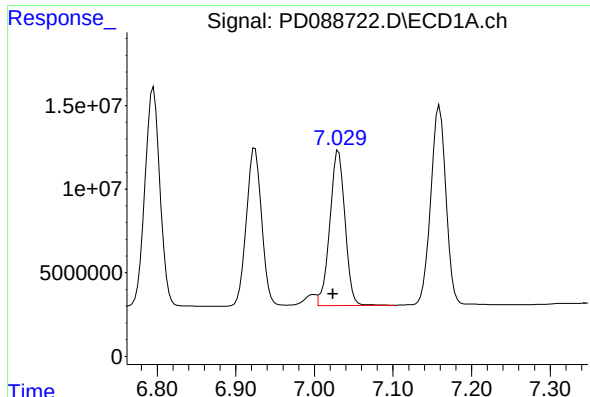
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.007 min
Response: 167286043
Conc: 60.06 ng/ml



#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 927198139
Conc: 53.31 ng/ml



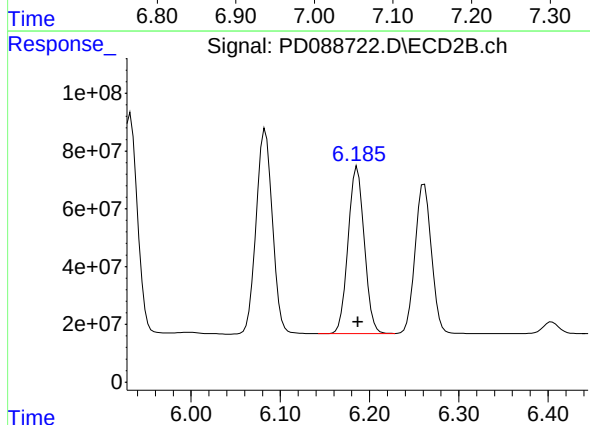
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: 0.007 min
Response: 124205785
Conc: 39.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168125BS

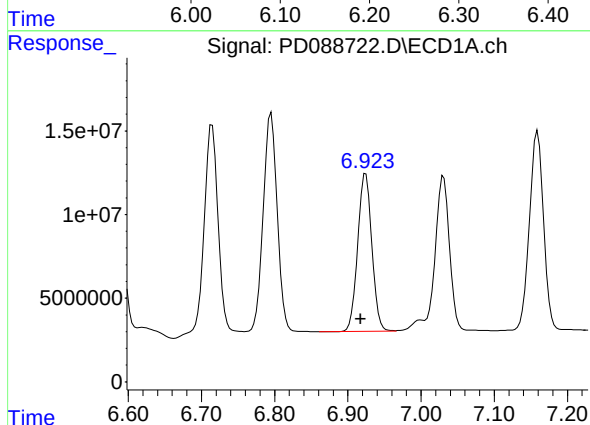
Manual Integrations
APPROVED

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



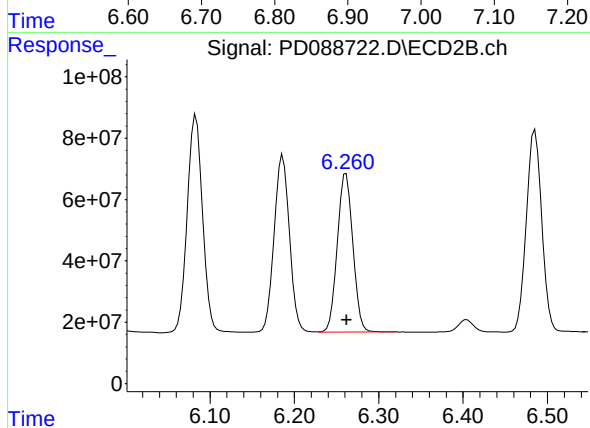
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 731234756
Conc: 40.32 ng/ml



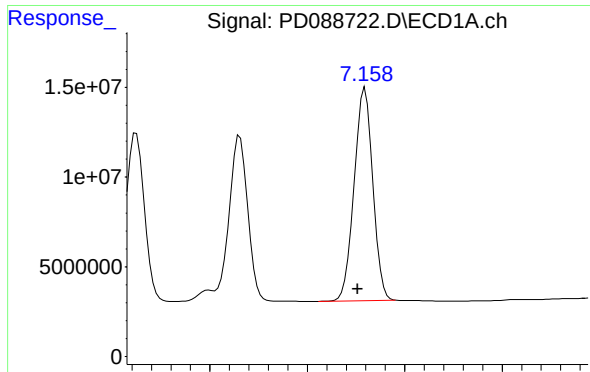
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.007 min
Response: 126740962
Conc: 49.23 ng/ml



#18 Endrin aldehyde

R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 660709334
Conc: 47.43 ng/ml



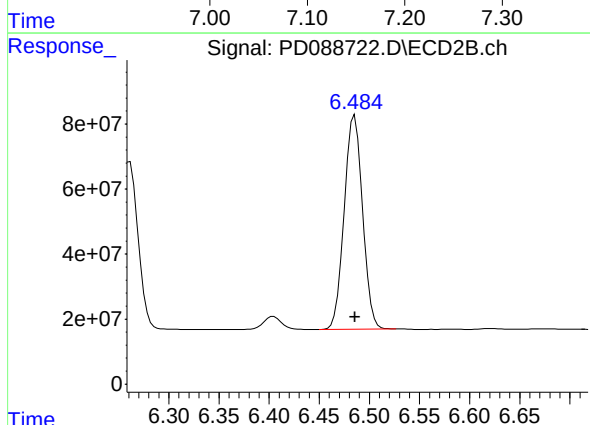
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.008 min
Response: 158392450
Conc: 49.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168125BS

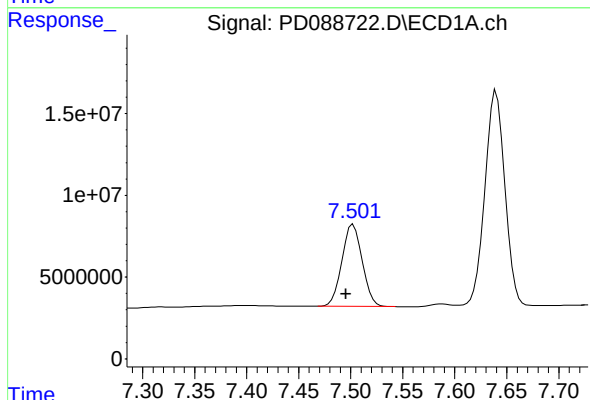
Manual Integrations
APPROVED

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



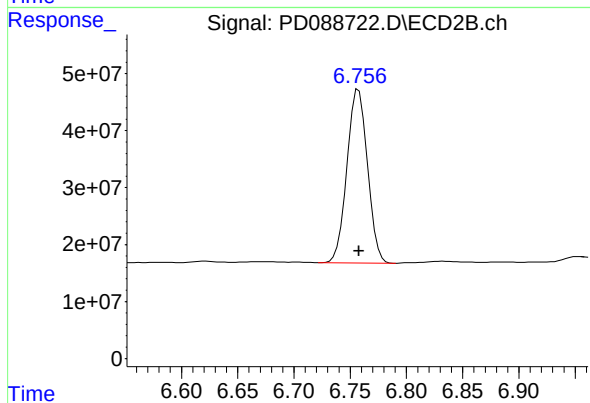
#19 Endosulfan Sulfate

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 838895472
Conc: 47.25 ng/ml



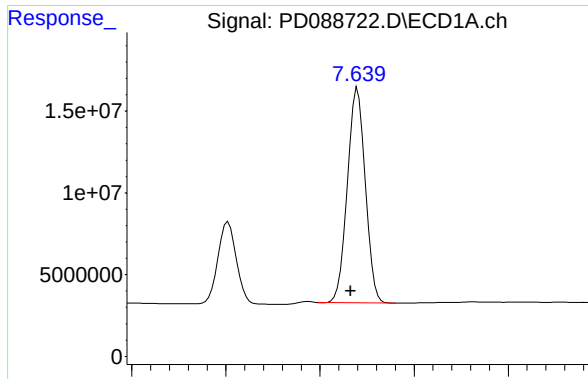
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.007 min
Response: 68294814
Conc: 40.88 ng/ml



#20 Methoxychlor

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 387453059
Conc: 40.47 ng/ml



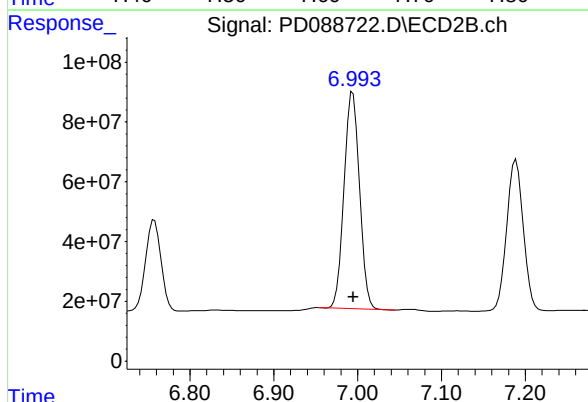
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: 0.007 min
Response: 174172931
Conc: 50.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168125BS

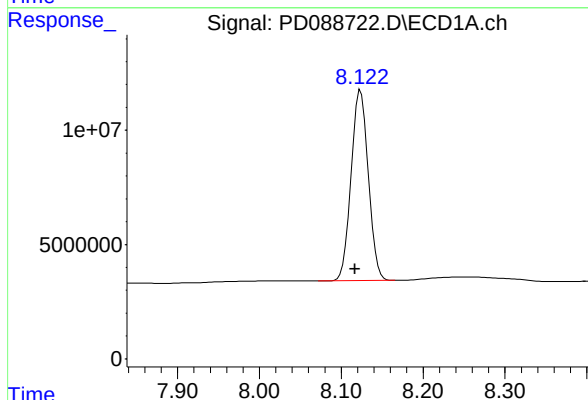
Manual Integrations
APPROVED

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



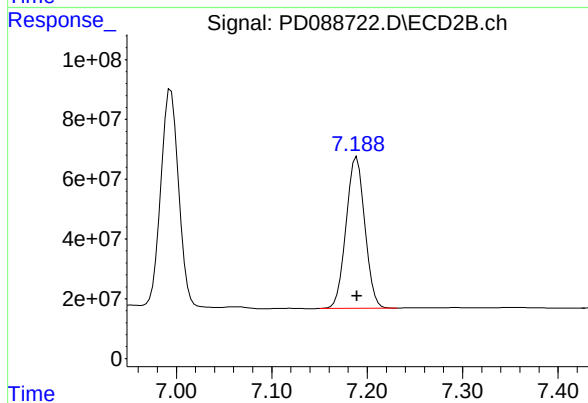
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: 0.000 min
Response: 929751565
Conc: 48.06 ng/ml



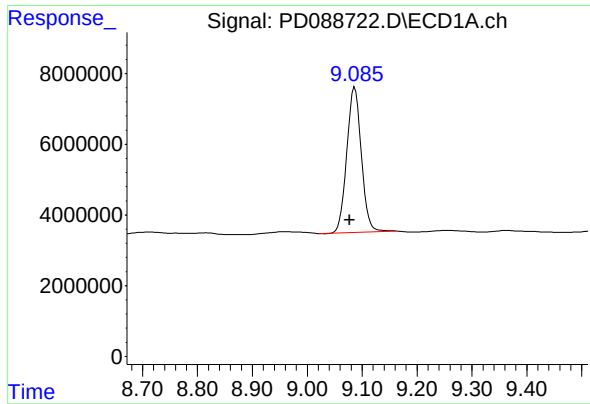
#22 Mirex

R.T.: 8.124 min
Delta R.T.: 0.007 min
Response: 122029270
Conc: 46.97 ng/ml



#22 Mirex

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 694973334
Conc: 45.71 ng/ml



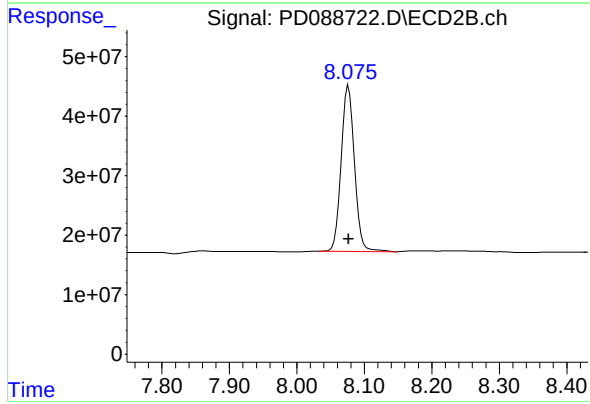
#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: 0.009 min
Response: 75610958
Conc: 22.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168125BS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 384074690
Conc: 21.04 ng/ml