

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021025\
 Data File : PD087804.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2025 12:36
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/11/2025
 Supervised By : Ankita Jodhani 02/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 11 05:24:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 14:33:08 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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.555	2.881	105.0E6	632.4E6	52.687	52.581
2) SA Decachlor...	9.082	8.079	149.9E6	704.1E6	49.162	49.821
Target Compounds						
2) A alpha-BHC	4.004	3.394	223.0E6	987.2E6	55.408	52.815
3) MA gamma-BHC...	4.334	3.732	217.1E6	925.0E6	54.551m	52.098
4) MA Heptachlor	4.936	4.086	196.0E6	861.0E6	52.574	49.698
5) MB Aldrin	5.278	4.372	203.0E6	918.0E6	53.029	52.541
6) B beta-BHC	4.520	4.028	81642568	390.4E6	51.716	51.186
7) B delta-BHC	4.769	4.264	218.5E6	940.1E6	54.174	51.947
8) B Heptachlo...	5.697	4.876	179.6E6	815.1E6	52.564	51.609
9) A Endosulfan I	6.081	5.251	165.0E6	766.6E6	52.384	51.439
10) B gamma-Chl...	5.953	5.130	173.6E6	845.9E6	52.530	52.010
11) B alpha-Chl...	6.033	5.195	174.2E6	822.8E6	52.296	51.570
12) B 4,4'-DDE	6.202	5.380	158.7E6	824.1E6	52.599	52.375
13) MA Dieldrin	6.353	5.517	177.2E6	834.3E6	52.457	51.211
14) MA Endrin	6.581	5.793	142.5E6	717.6E6	49.176	48.181
15) B Endosulfa...	6.792	6.085	143.1E6	722.4E6	49.858	50.607
16) A 4,4'-DDD	6.711	5.934	130.4E6	695.1E6	54.176	52.575
17) MA 4,4'-DDT	7.027	6.189	122.1E6	626.9E6	47.409	46.573
18) B Endrin al...	6.920	6.263	116.9E6	584.8E6	50.443	50.162
19) B Endosulfa...	7.155	6.486	138.6E6	709.2E6	50.544	49.880
20) A Methoxychlor	7.499	6.760	67396941	333.5E6	45.916	43.640
21) B Endrin ke...	7.636	6.995	158.2E6	798.0E6	51.455	51.141
22) Mirex	8.121	7.190	112.8E6	626.9E6	48.662	49.512

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021025\
Data File : PD087804.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2025 12:36
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

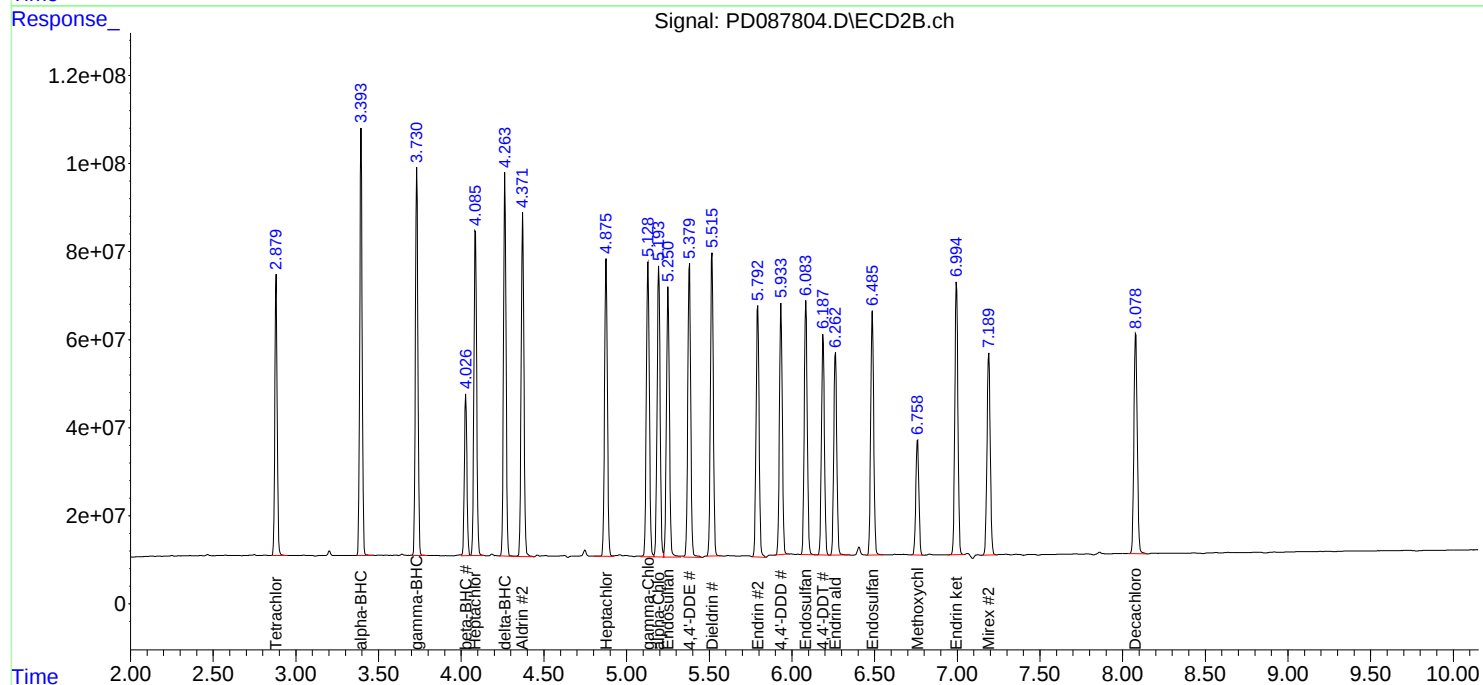
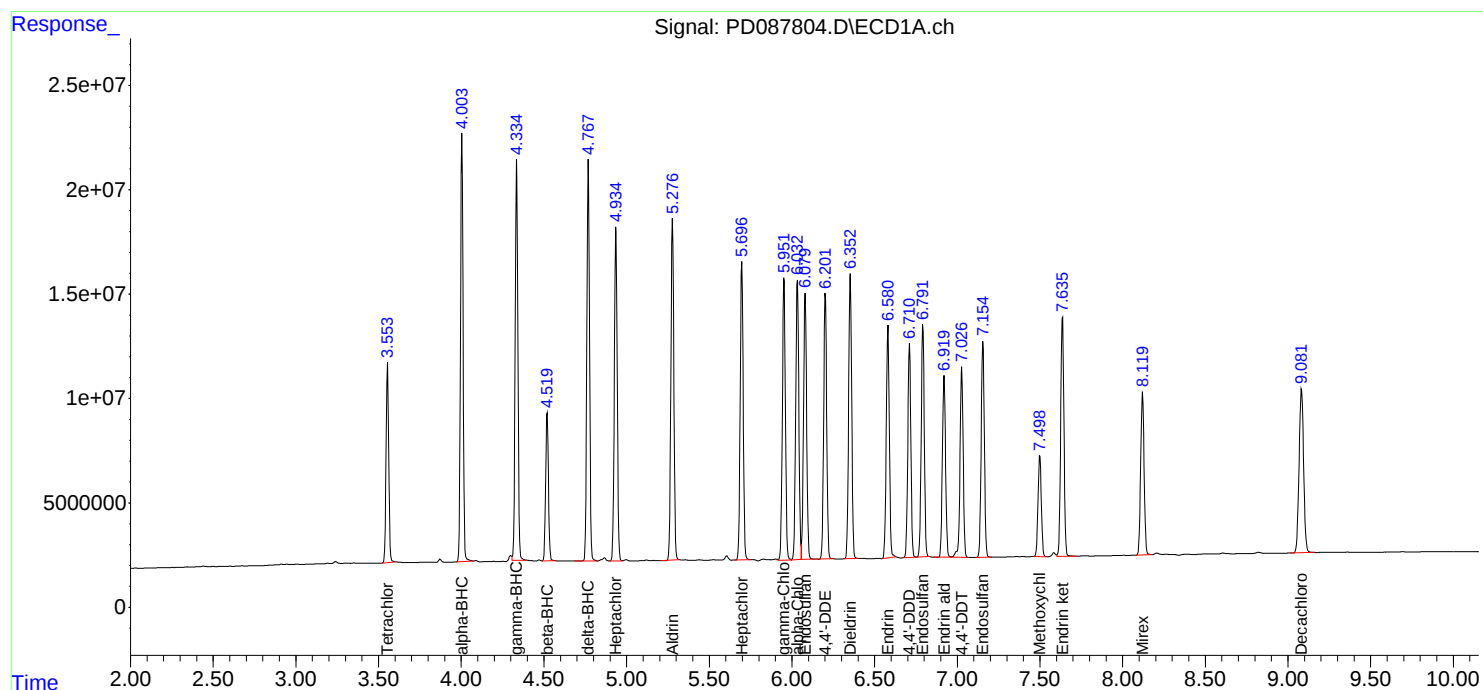
APPROVED

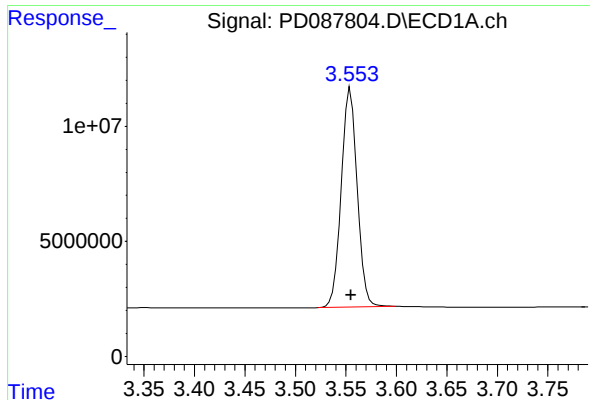
Reviewed By :Abdul Mirza 02/11/2025

Supervised By :Ankita Jodhani 02/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 11 05:24:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
Quant Title : GC Extractables
QLast Update : Wed Jan 22 14:33:08 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





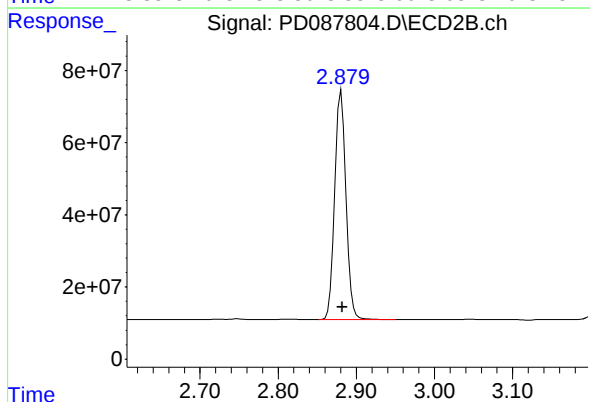
#1 Tetrachloro-m-xylene

R.T.: 3.555 min
Delta R.T.: 0.000 min
Response: 104971434
Conc: 52.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

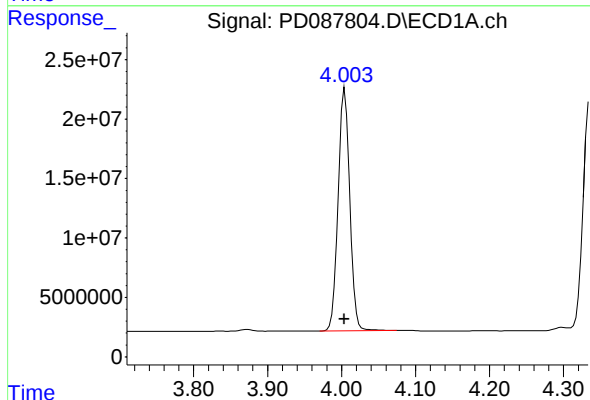
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



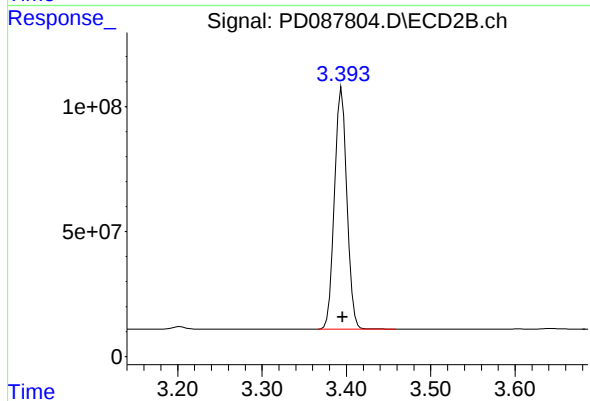
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: -0.001 min
Response: 632378439
Conc: 52.58 ng/ml



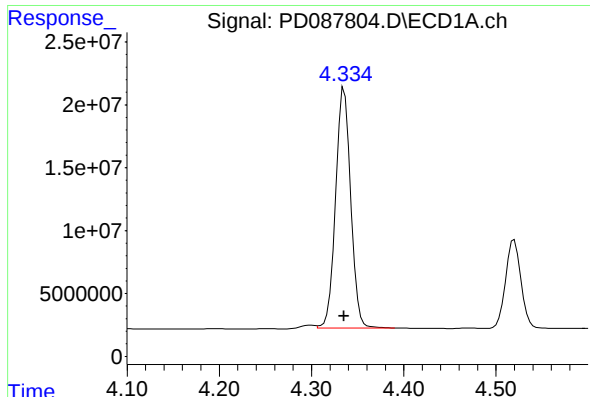
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 222978400
Conc: 55.41 ng/ml



#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: -0.001 min
Response: 987214108
Conc: 52.82 ng/ml



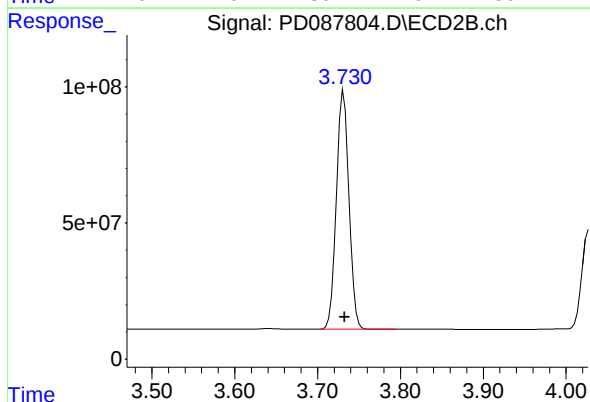
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 217089352
Conc: 54.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

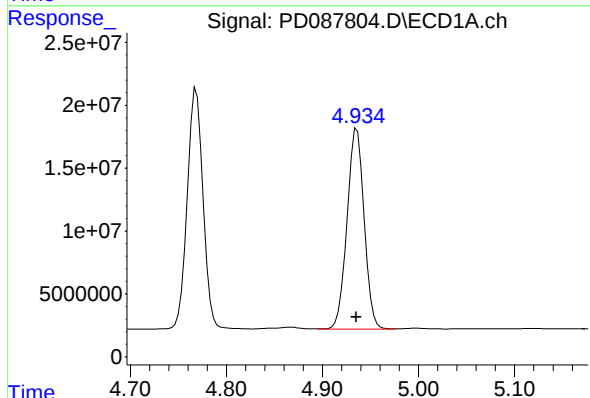
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



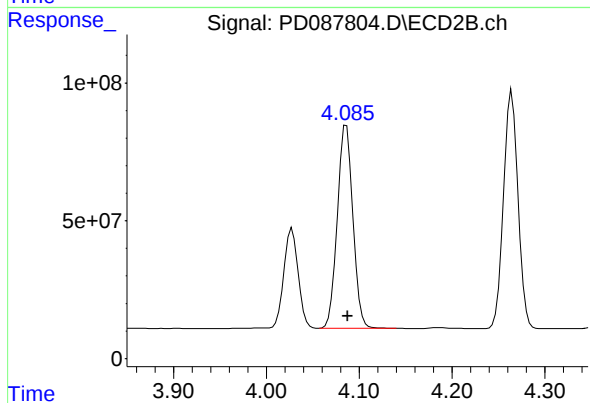
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: -0.001 min
Response: 924993277
Conc: 52.10 ng/ml



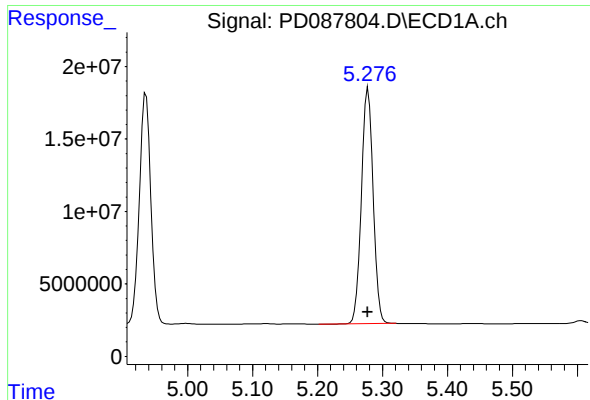
#4 Heptachlor

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 195987841
Conc: 52.57 ng/ml



#4 Heptachlor

R.T.: 4.086 min
Delta R.T.: -0.001 min
Response: 860989163
Conc: 49.70 ng/ml



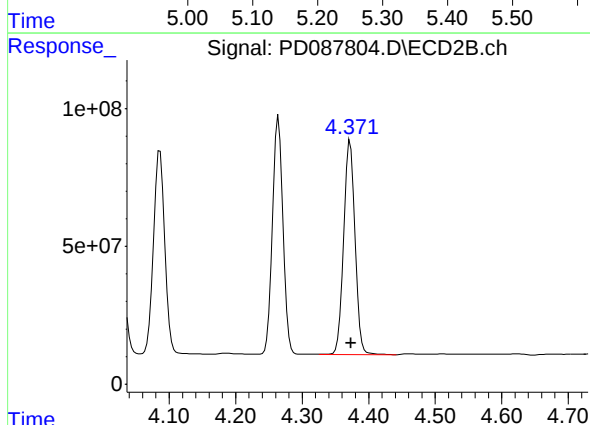
#5 Aldrin

R.T.: 5.278 min
Delta R.T.: 0.000 min
Response: 202979377
Conc: 53.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

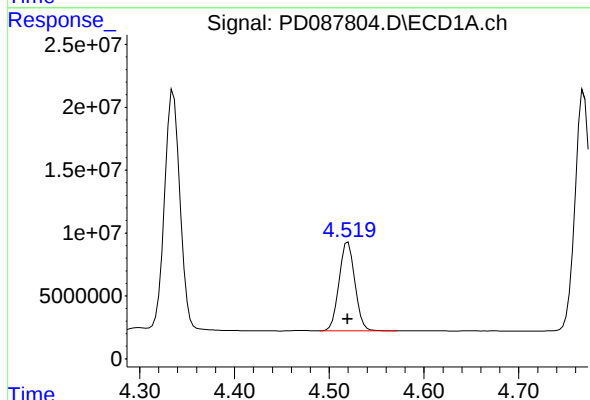
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



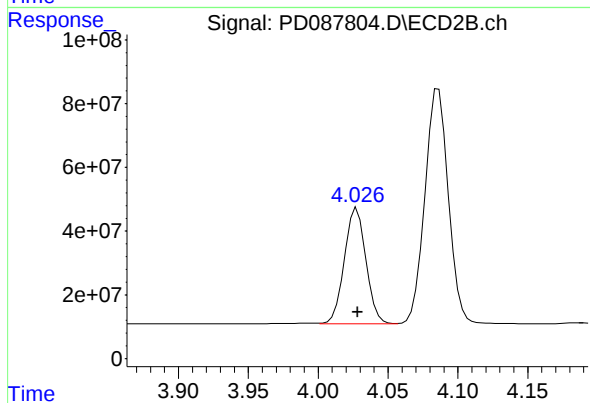
#5 Aldrin

R.T.: 4.372 min
Delta R.T.: -0.001 min
Response: 918005284
Conc: 52.54 ng/ml



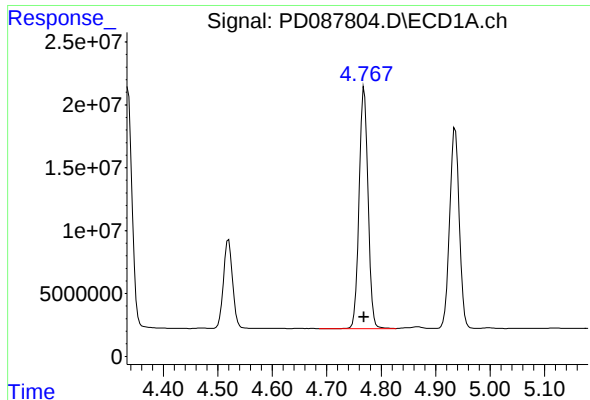
#6 beta-BHC

R.T.: 4.520 min
Delta R.T.: 0.000 min
Response: 81642568
Conc: 51.72 ng/ml



#6 beta-BHC

R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 390392446
Conc: 51.19 ng/ml



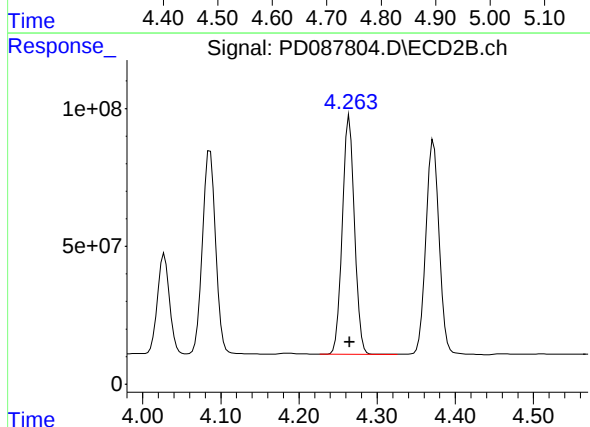
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: 0.000 min
Response: 218518619
Conc: 54.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

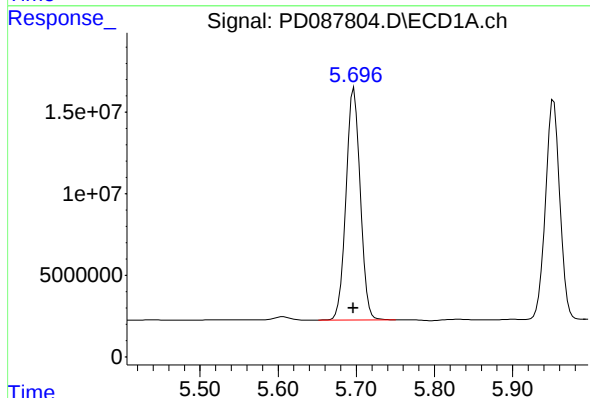
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



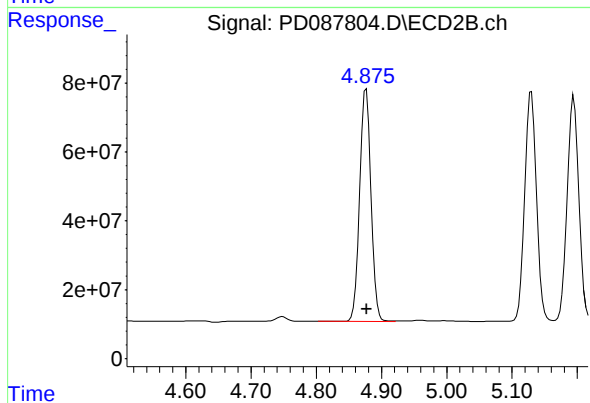
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 940054566
Conc: 51.95 ng/ml



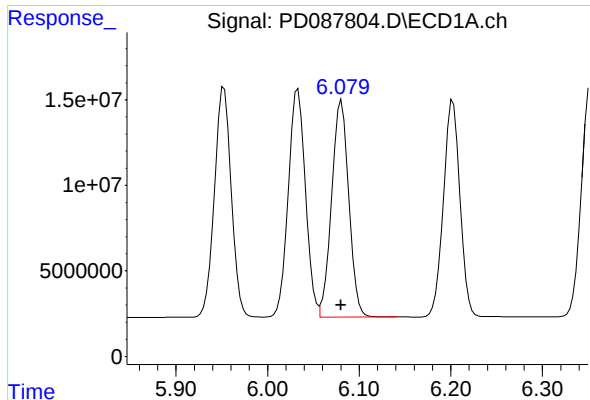
#8 Heptachlor epoxide

R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 179642012
Conc: 52.56 ng/ml



#8 Heptachlor epoxide

R.T.: 4.876 min
Delta R.T.: -0.001 min
Response: 815076178
Conc: 51.61 ng/ml



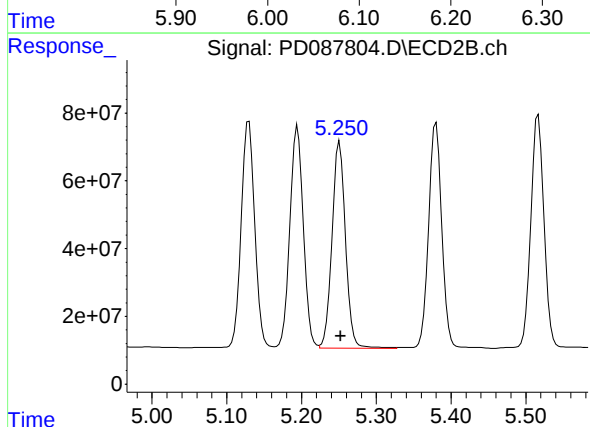
#9 Endosulfan I

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 165010482
Conc: 52.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

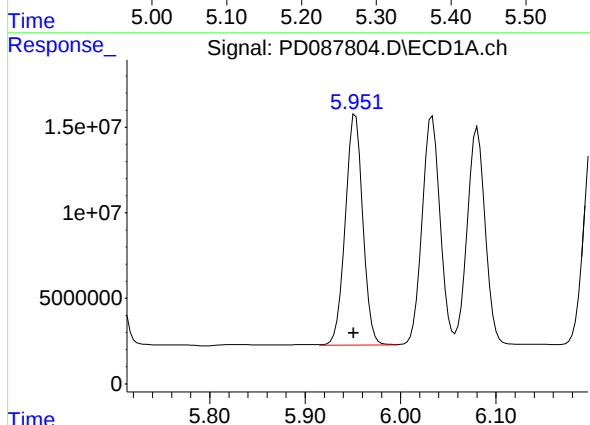
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



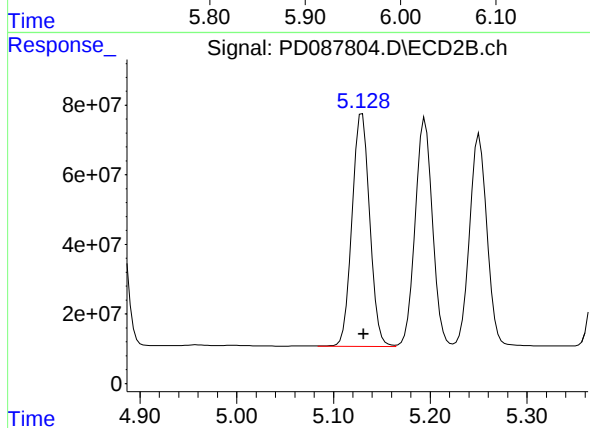
#9 Endosulfan I

R.T.: 5.251 min
Delta R.T.: -0.001 min
Response: 766648311
Conc: 51.44 ng/ml



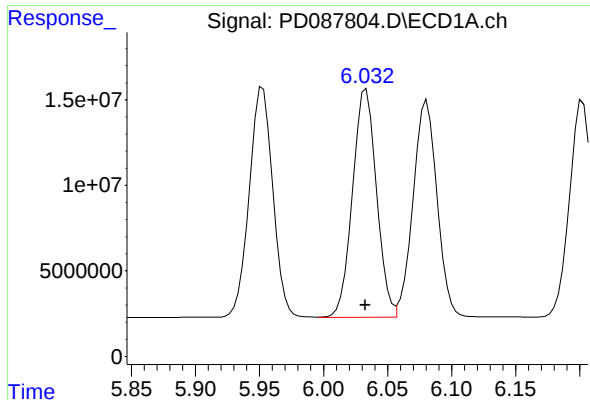
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.002 min
Response: 173614863
Conc: 52.53 ng/ml



#10 gamma-Chlordane

R.T.: 5.130 min
Delta R.T.: -0.002 min
Response: 845924016
Conc: 52.01 ng/ml



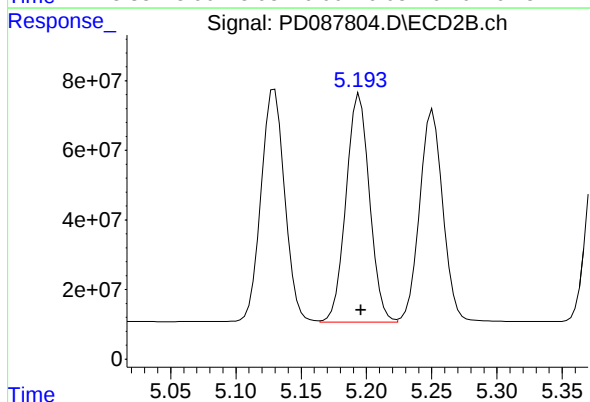
#11 alpha-Chlordane

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 174200718
Conc: 52.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

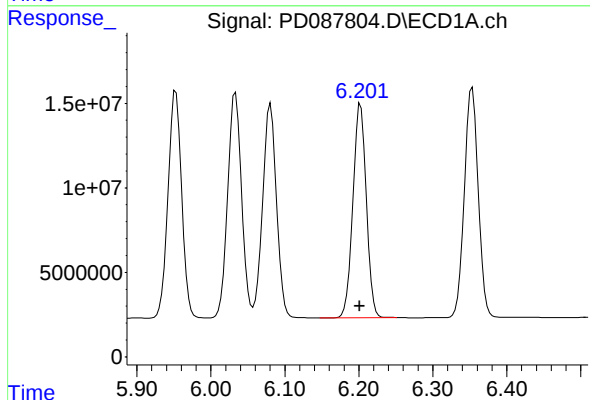
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



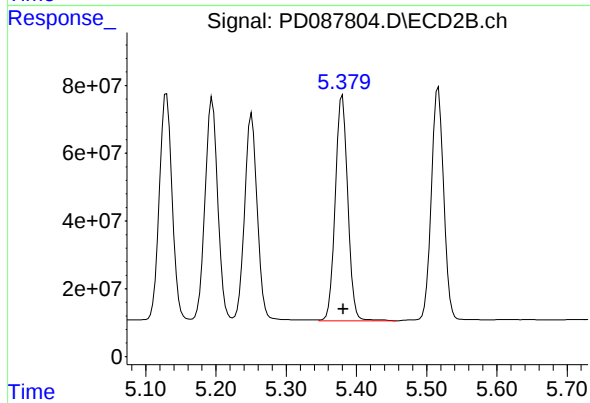
#11 alpha-Chlordane

R.T.: 5.195 min
Delta R.T.: -0.001 min
Response: 822761194
Conc: 51.57 ng/ml



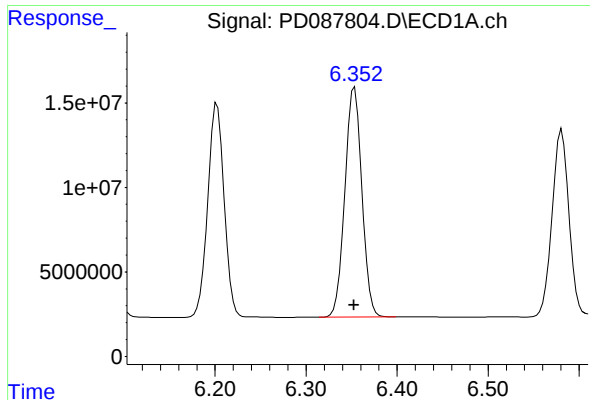
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.001 min
Response: 158718259
Conc: 52.60 ng/ml



#12 4,4'-DDE

R.T.: 5.380 min
Delta R.T.: -0.001 min
Response: 824080617
Conc: 52.38 ng/ml



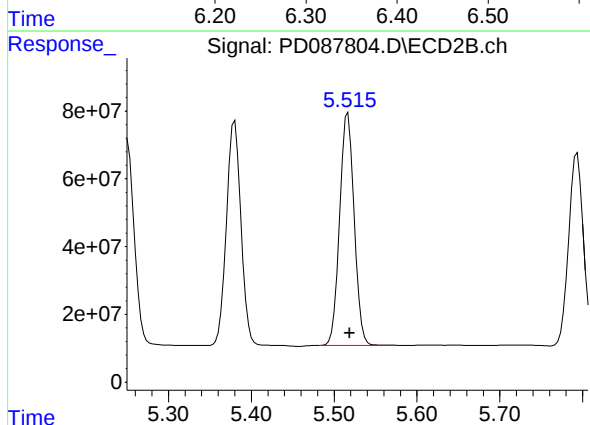
#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 177151967
Conc: 52.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

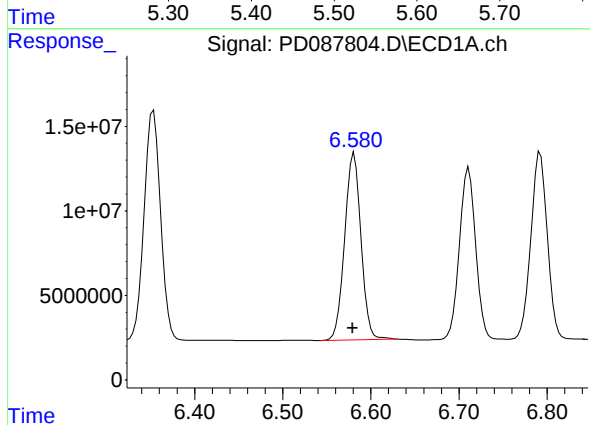
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



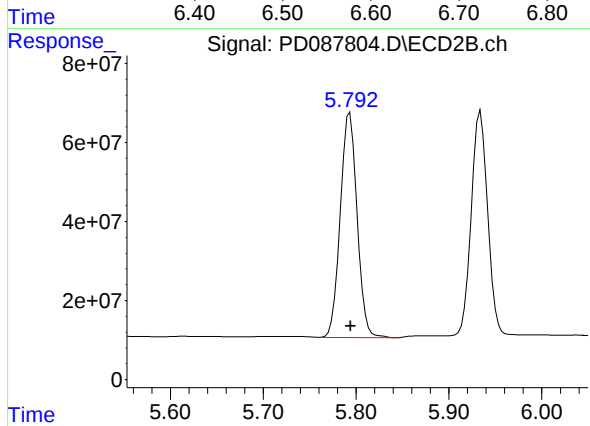
#13 Dieldrin

R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 834275585
Conc: 51.21 ng/ml



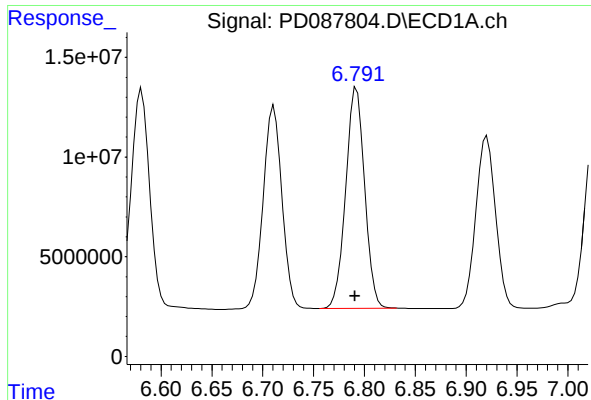
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.002 min
Response: 142511057
Conc: 49.18 ng/ml



#14 Endrin

R.T.: 5.793 min
Delta R.T.: -0.001 min
Response: 717587566
Conc: 48.18 ng/ml



#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.002 min
Response: 143143257
Conc: 49.86 ng/ml

Instrument :

ECD_D

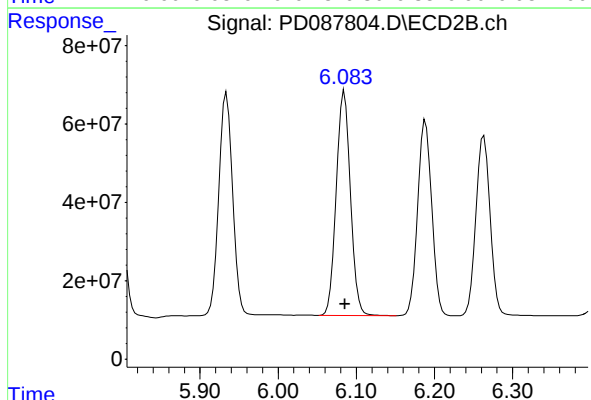
ClientSampleId :

PSTDCCC050

Manual Integrations

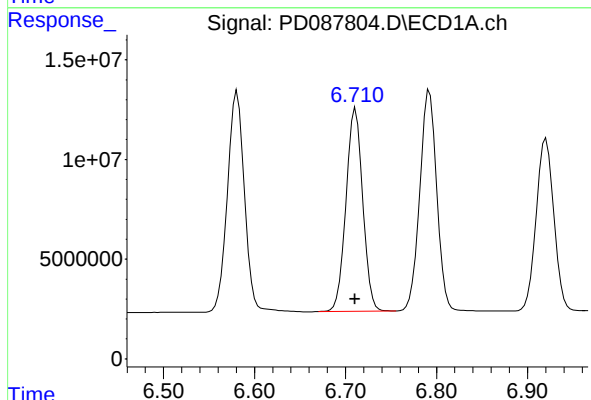
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



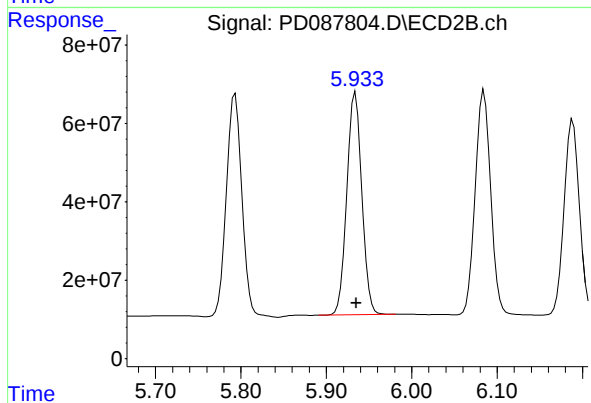
#15 Endosulfan II

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 722433105
Conc: 50.61 ng/ml



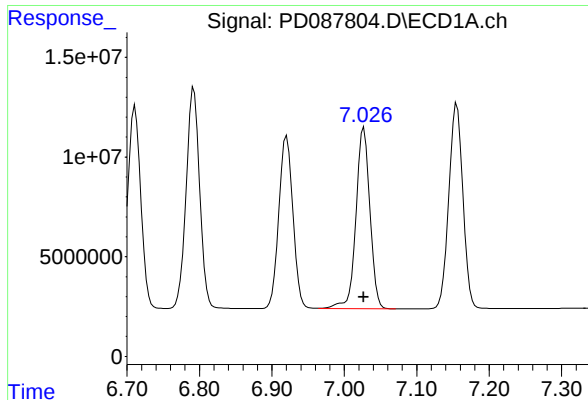
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 130390764
Conc: 54.18 ng/ml



#16 4,4'-DDD

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 695146065
Conc: 52.57 ng/ml



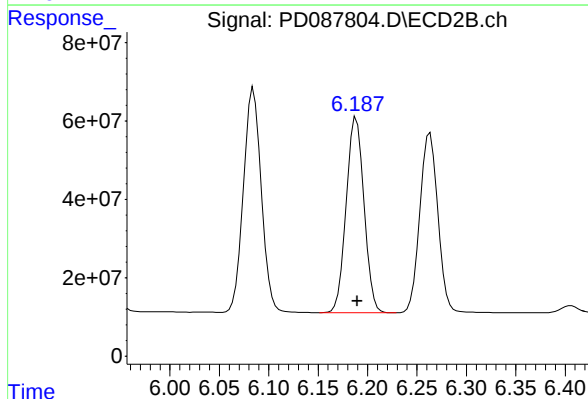
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 122107195
Conc: 47.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

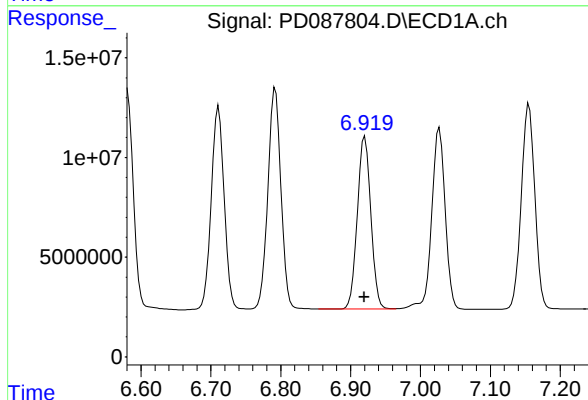
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



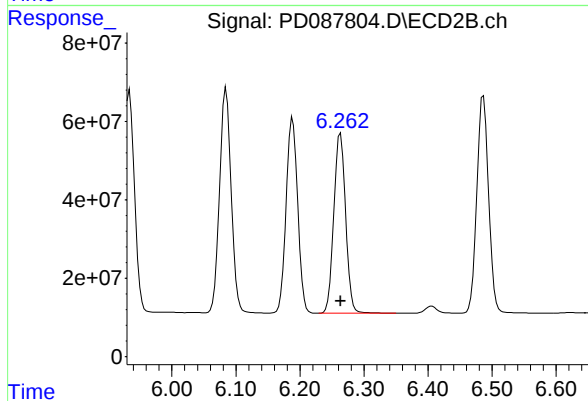
#17 4,4'-DDT

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 626896774
Conc: 46.57 ng/ml



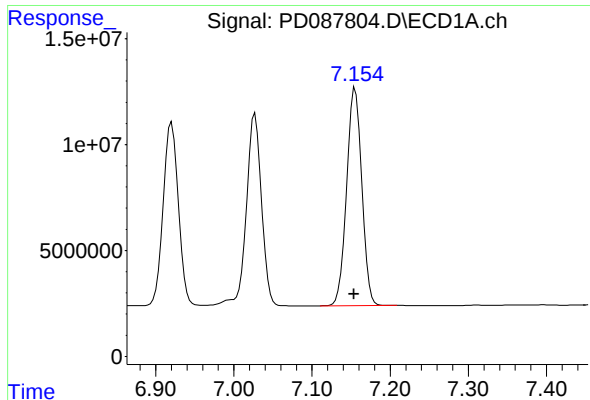
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: 0.001 min
Response: 116855812
Conc: 50.44 ng/ml



#18 Endrin aldehyde

R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 584756311
Conc: 50.16 ng/ml



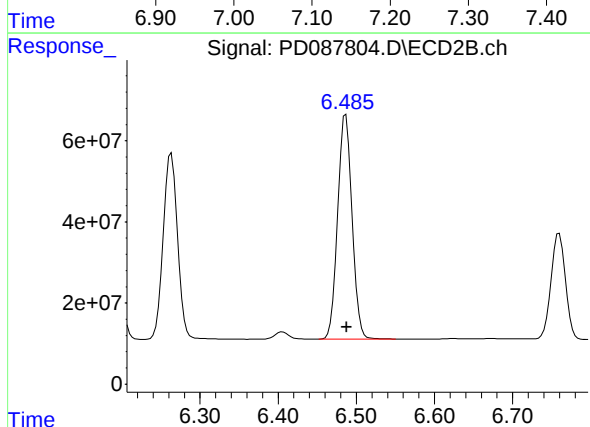
#19 Endosulfan Sulfate

R.T.: 7.155 min
Delta R.T.: 0.002 min
Response: 138574981
Conc: 50.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

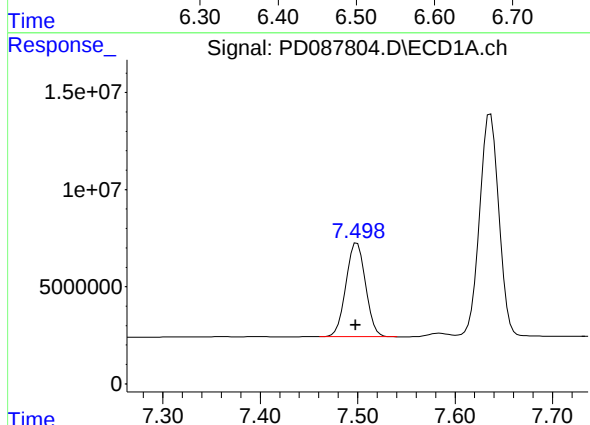
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



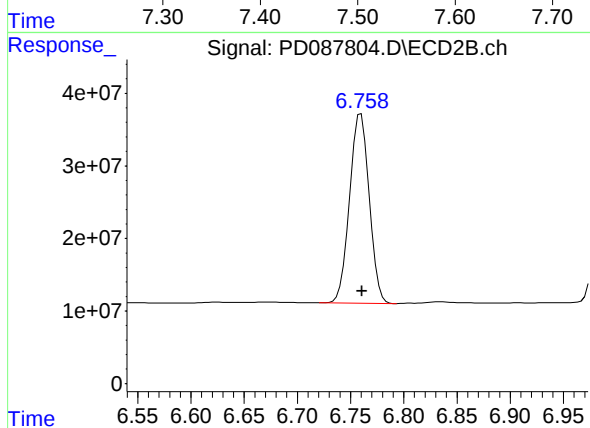
#19 Endosulfan Sulfate

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 709197025
Conc: 49.88 ng/ml



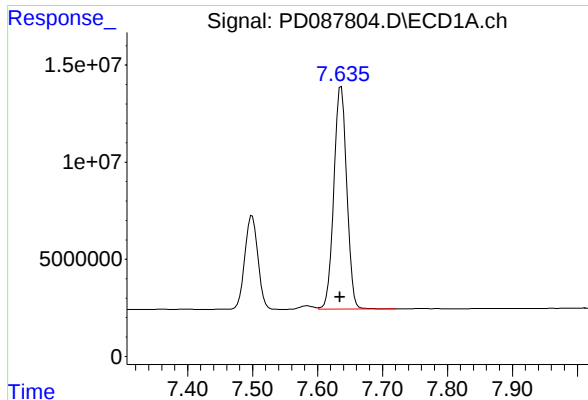
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.001 min
Response: 67396941
Conc: 45.92 ng/ml



#20 Methoxychlor

R.T.: 6.760 min
Delta R.T.: -0.001 min
Response: 333515356
Conc: 43.64 ng/ml



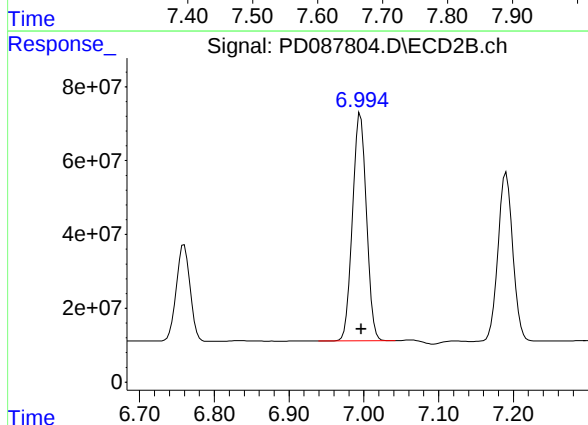
#21 Endrin ketone

R.T.: 7.636 min
Delta R.T.: 0.002 min
Response: 158224106
Conc: 51.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

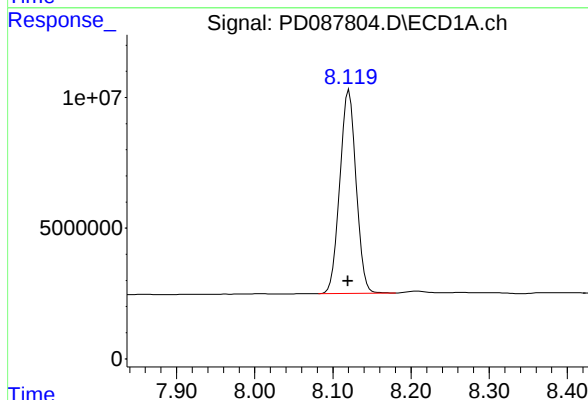
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



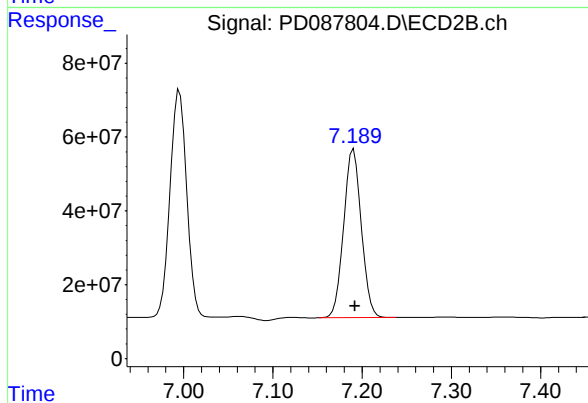
#21 Endrin ketone

R.T.: 6.995 min
Delta R.T.: -0.001 min
Response: 797992355
Conc: 51.14 ng/ml



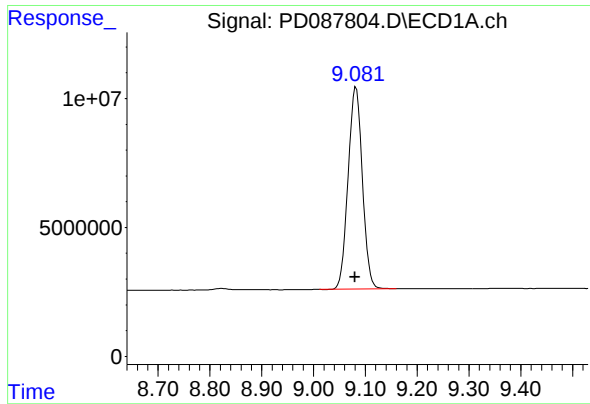
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.002 min
Response: 112803362
Conc: 48.66 ng/ml



#22 Mirex

R.T.: 7.190 min
Delta R.T.: -0.002 min
Response: 626931928
Conc: 49.51 ng/ml



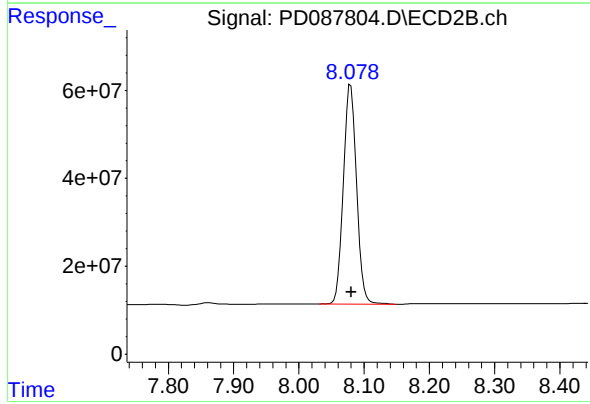
#28 Decachlorobiphenyl

R.T.: 9.082 min
Delta R.T.: 0.002 min
Response: 149944001
Conc: 49.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



#28 Decachlorobiphenyl

R.T.: 8.079 min
Delta R.T.: -0.001 min
Response: 704088979
Conc: 49.82 ng/ml