

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
 Data File : PD090995.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2025 15:05
 Operator : AR\AJ
 Sample : PB170426BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170426BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 07 00:27:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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	2.873	73568857	753.6E6	23.624	25.309
28)	SA Decachlor...	9.073	8.061	117.0E6	831.7E6	25.012	27.456
Target Compounds							
2)	A alpha-BHC	4.000	3.385	321.3E6	2280.3E6	44.769	44.629
3)	MA gamma-BHC...	4.331	3.721	298.5E6	2097.2E6	43.902	44.386
4)	MA Heptachlor	4.929	4.073	307.0E6	2075.7E6	54.930	46.538
5)	MB Aldrin	5.270	4.358	292.0E6	2054.5E6	44.596	44.355
6)	B beta-BHC	4.519	4.017	112.3E6	866.3E6	42.870	43.687
7)	B delta-BHC	4.767	4.253	305.9E6	2097.7E6	45.233	43.962
8)	B Heptachlo...	5.689	4.861	279.5E6	1842.8E6	48.281m	43.219m
9)	A Endosulfan I	6.074	5.236	251.0E6	1601.2E6	45.327	40.650
10)	B gamma-Chl...	5.946	5.115	260.7E6	1974.0E6	43.956	43.916
11)	B alpha-Chl...	6.027	5.180	294.4E6	1889.7E6	47.629	43.805
12)	B 4,4'-DDE	6.197	5.364	231.6E6	1972.3E6	43.488	44.989
13)	MA Dieldrin	6.347	5.502	264.9E6	1971.8E6	45.433	44.627
14)	MA Endrin	6.575	5.780	225.4E6	1917.3E6	45.496	47.347
15)	B Endosulfa...	6.786	6.071	231.7E6	1700.0E6	46.332m	45.266
16)	A 4,4'-DDD	6.705	5.919	191.7E6	1664.3E6	47.294m	45.675
17)	MA 4,4'-DDT	7.022	6.173	202.5E6	1651.3E6	49.274	47.082
18)	B Endrin al...	6.915	6.249	170.3E6	1289.7E6	46.505m	46.573
19)	B Endosulfa...	7.151	6.473	210.6E6	1638.4E6	45.396	45.709
20)	A Methoxychlor	7.494	6.744	115.0E6	839.1E6	54.123m	48.147
21)	B Endrin ke...	7.632	6.980	231.5E6	2152.9E6	47.635	57.079m
22)	Mirex	8.114	7.174	146.2E6	1186.7E6	45.673	46.191

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090995.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 15:05
Operator : AR\AJ
Sample : PB170426BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

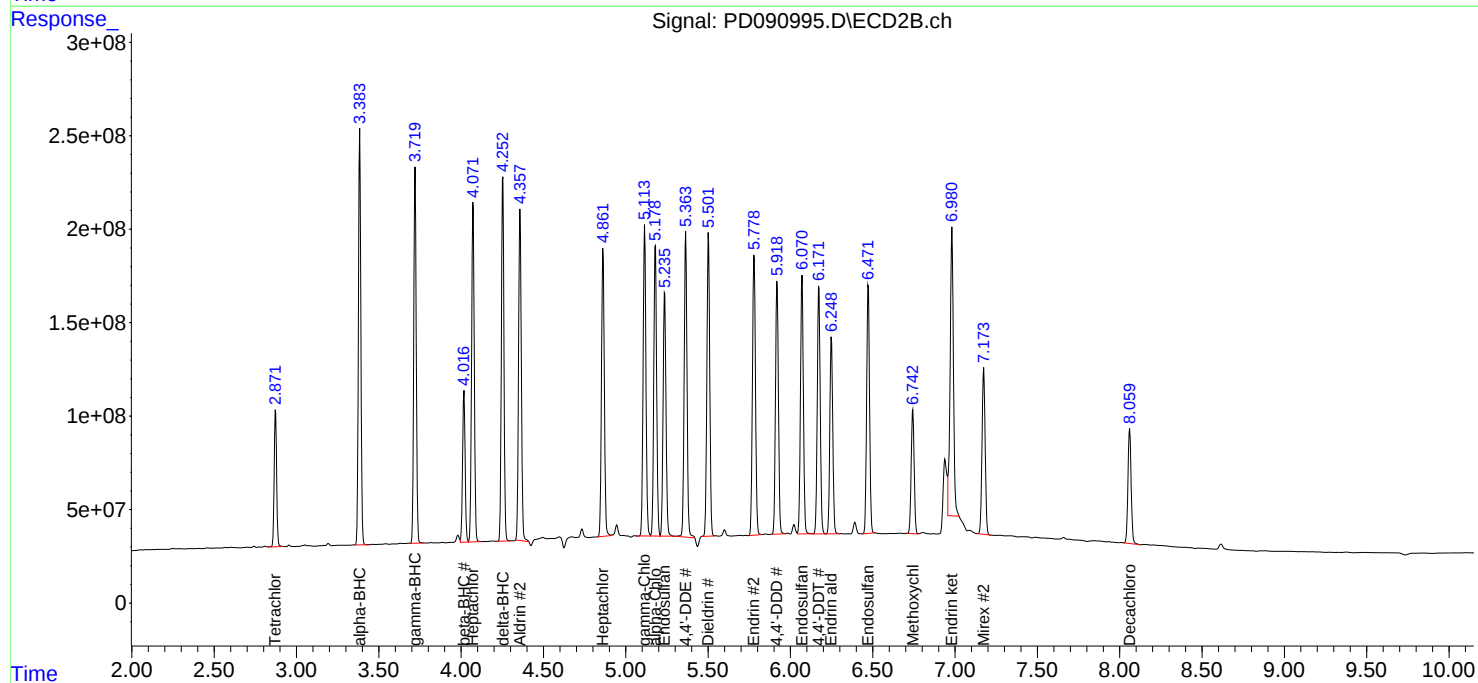
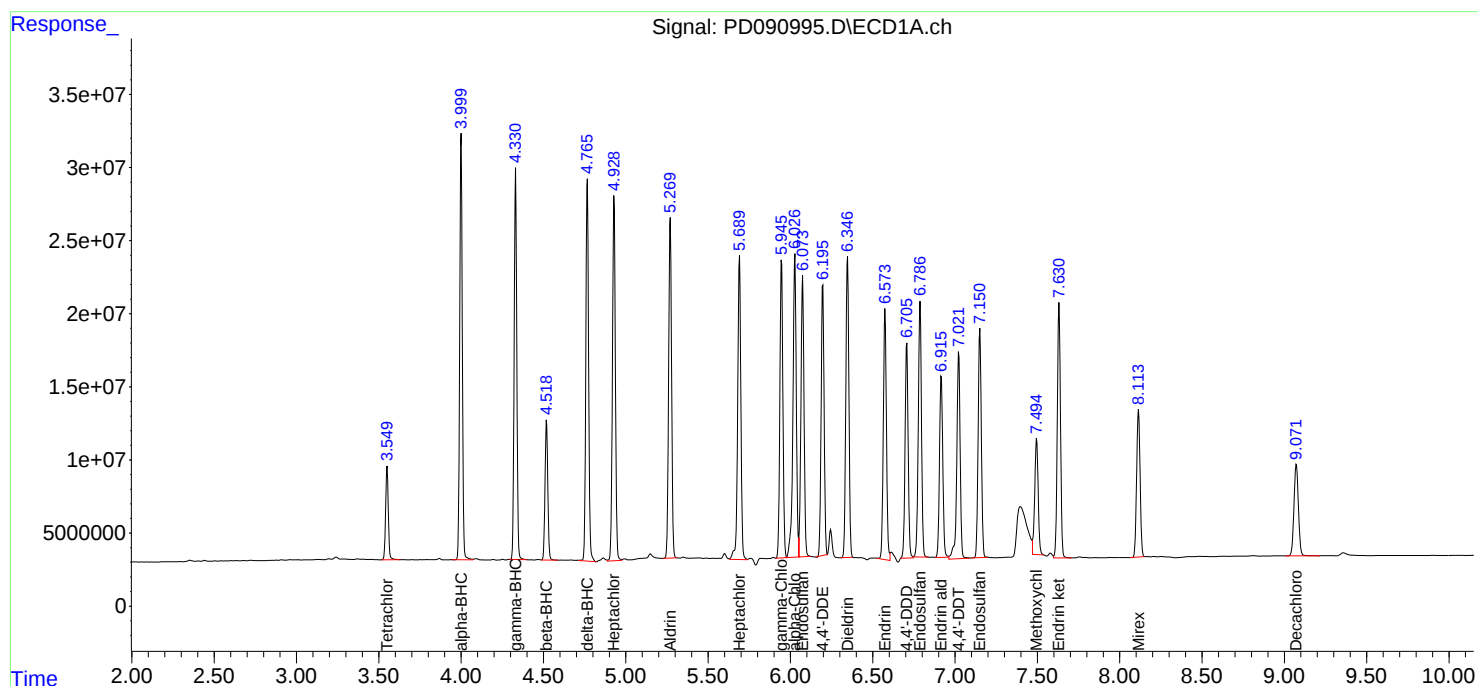
Instrument :
ECD_D
ClientSampleId :
PB170426BSD

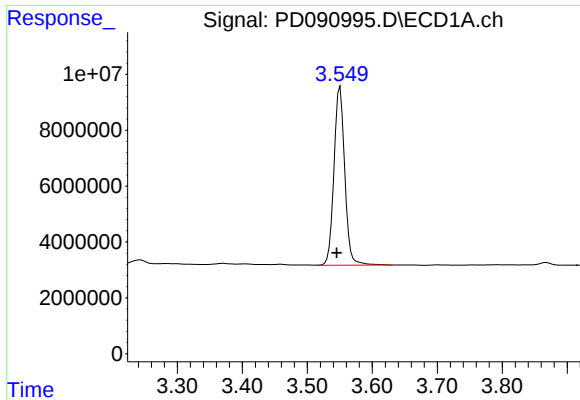
Manual Integrations
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Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:27:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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.: 0.005 min
Response: 73568857
Conc: 23.62 ng/ml

Instrument :

ECD_D

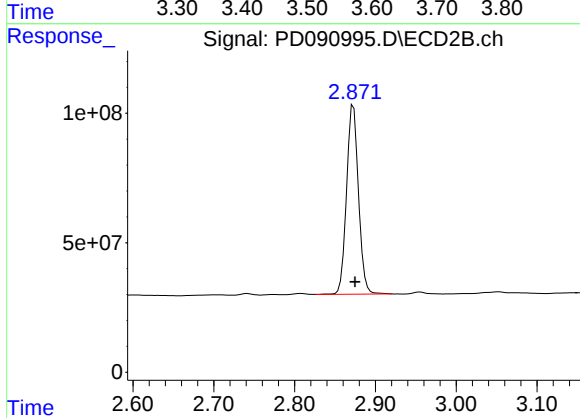
ClientSampleId :

PB170426BSD

Manual Integrations

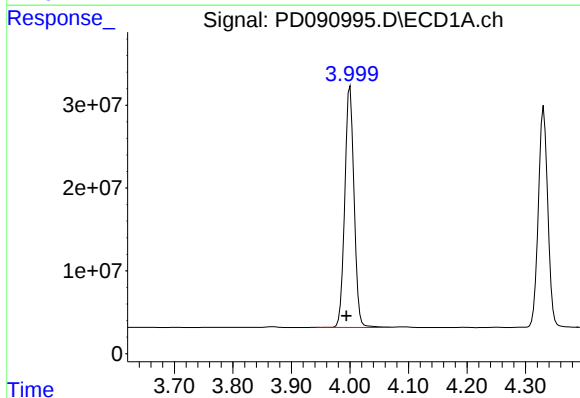
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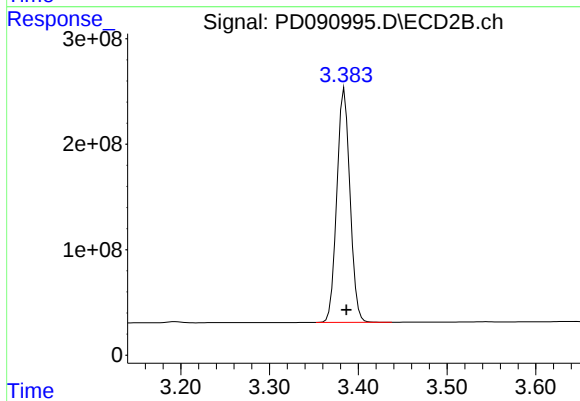
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 753633167
Conc: 25.31 ng/ml



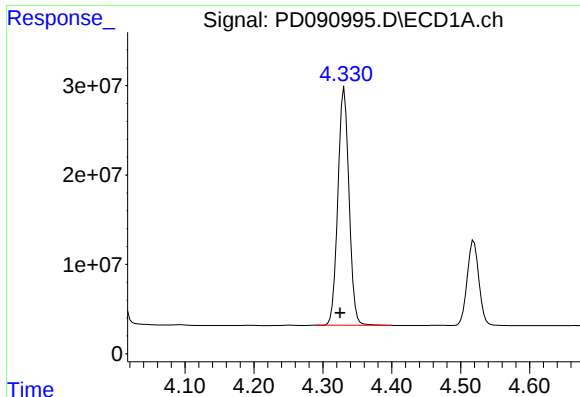
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.006 min
Response: 321313348
Conc: 44.77 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 2280338092
Conc: 44.63 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.006 min
Response: 298478701
Conc: 43.90 ng/ml

Instrument :

ECD_D

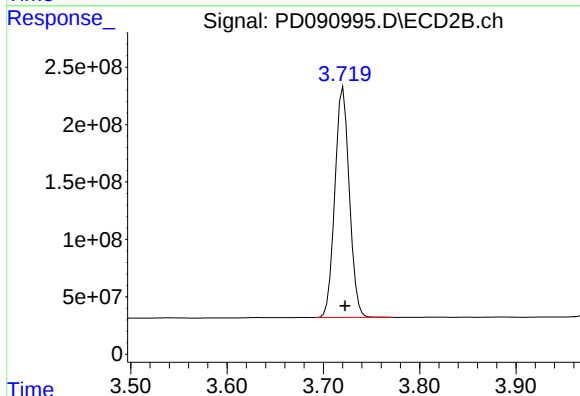
ClientSampleId :

PB170426BSD

Manual Integrations

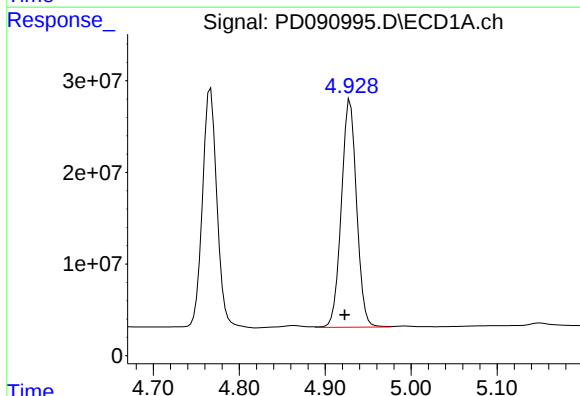
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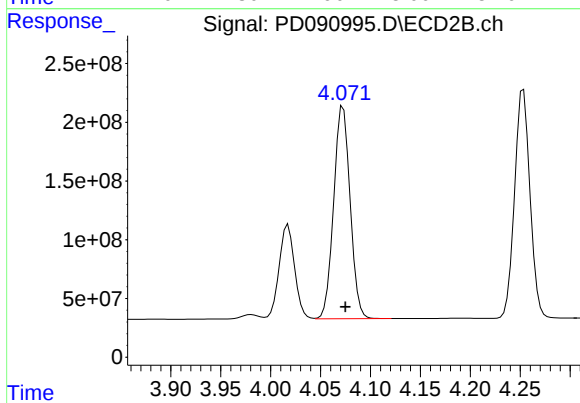
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 2097167604
Conc: 44.39 ng/ml



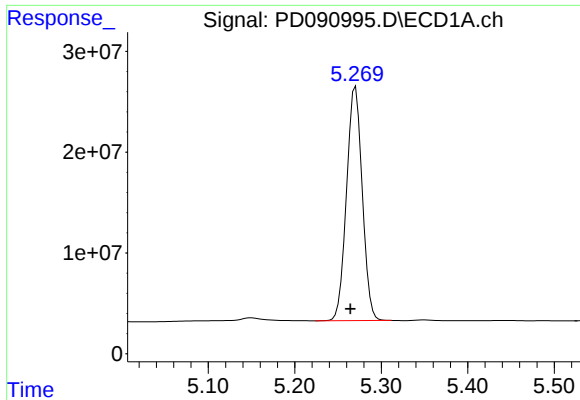
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.006 min
Response: 307034228
Conc: 54.93 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2075713117
Conc: 46.54 ng/ml



#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.006 min
Response: 291983091
Conc: 44.60 ng/ml

Instrument :

ECD_D

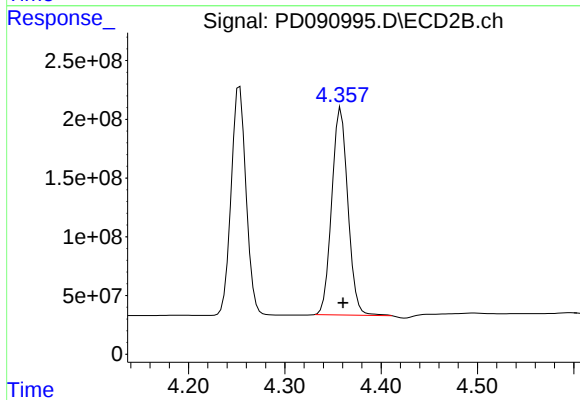
ClientSampleId :

PB170426BSD

Manual Integrations

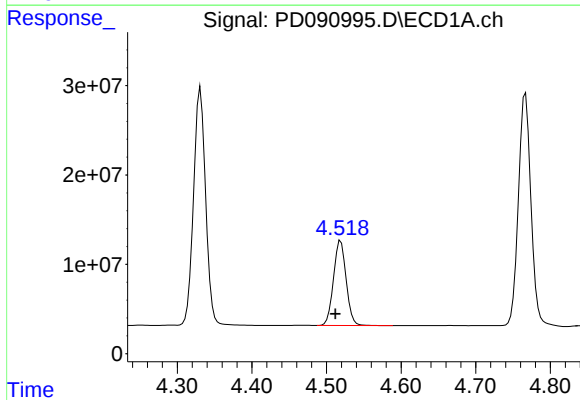
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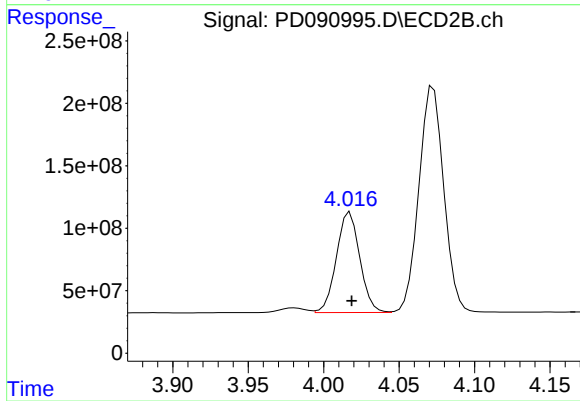
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: -0.002 min
Response: 2054472543
Conc: 44.35 ng/ml



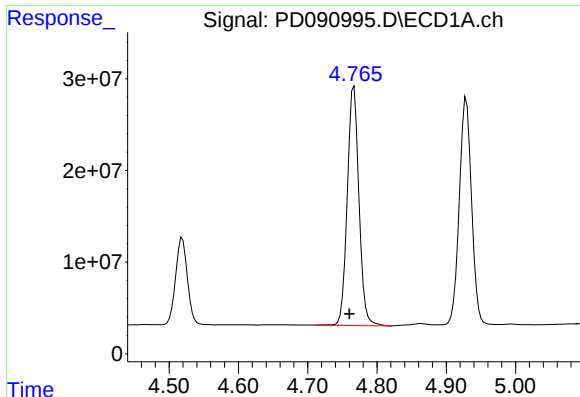
#6 beta-BHC

R.T.: 4.519 min
Delta R.T.: 0.007 min
Response: 112304831
Conc: 42.87 ng/ml



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.001 min
Response: 866287781
Conc: 43.69 ng/ml



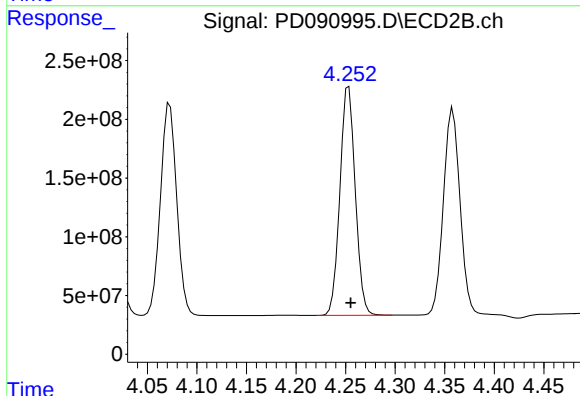
#7 delta-BHC

R.T.: 4.767 min
Delta R.T.: 0.007 min
Response: 305851201
Conc: 45.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BSD

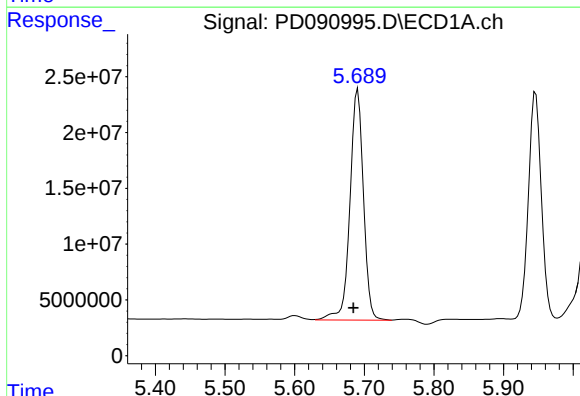
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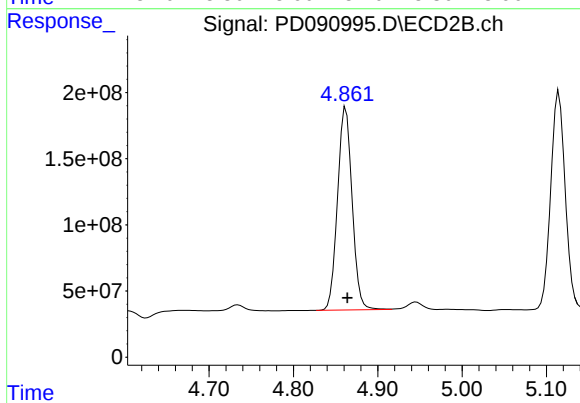
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 2097736046
Conc: 43.96 ng/ml



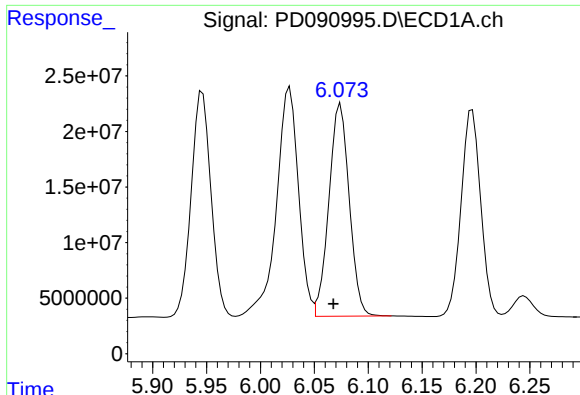
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.005 min
Response: 279502489
Conc: 48.28 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.861 min
Delta R.T.: -0.003 min
Response: 1842821048
Conc: 43.22 ng/ml m



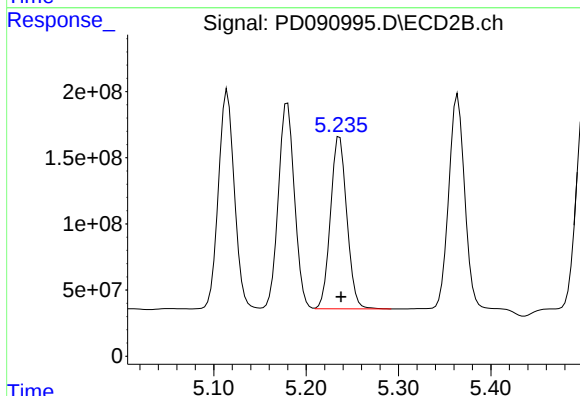
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.006 min
Response: 250957733
Conc: 45.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BSD

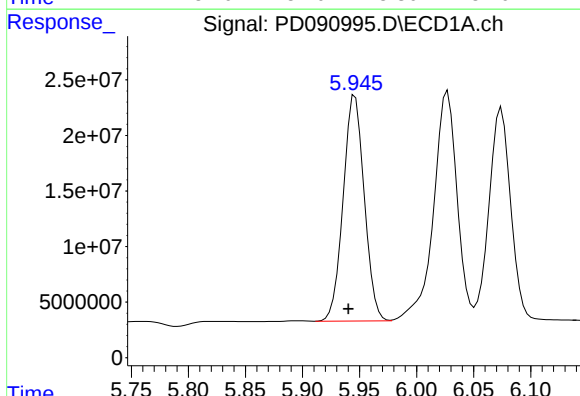
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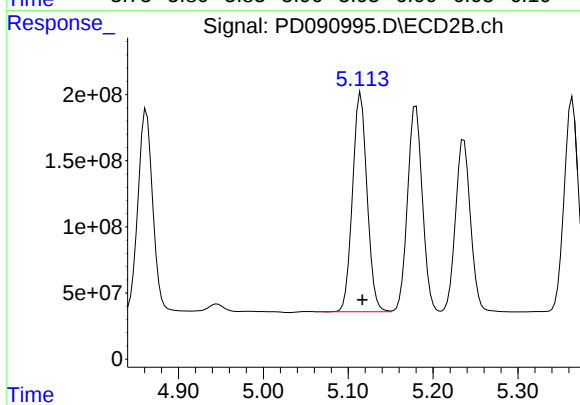
#9 Endosulfan I

R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 1601228836
Conc: 40.65 ng/ml



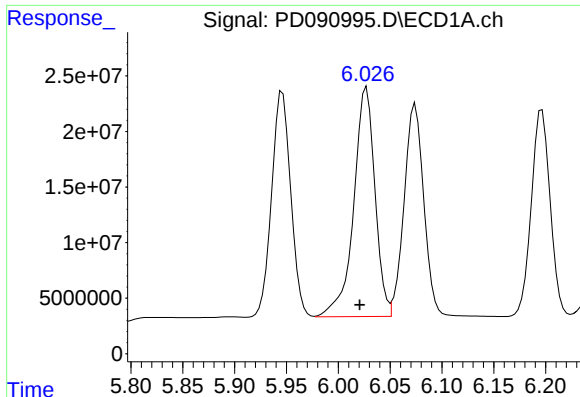
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.006 min
Response: 260711214
Conc: 43.96 ng/ml



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 1973976701
Conc: 43.92 ng/ml



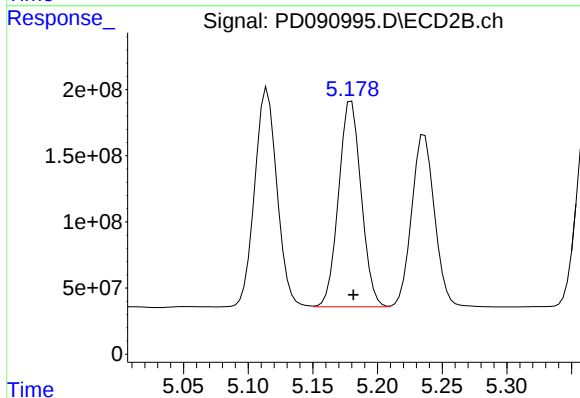
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.007 min
Response: 294357916
Conc: 47.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BSD

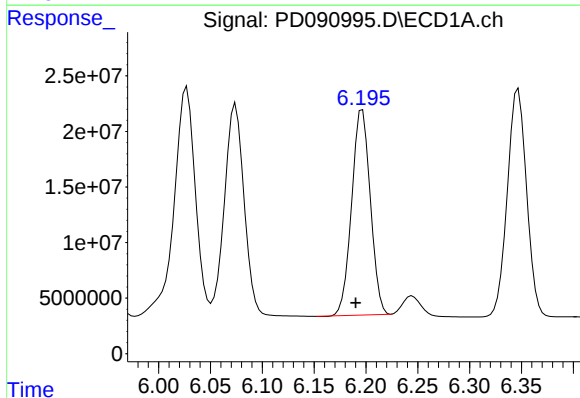
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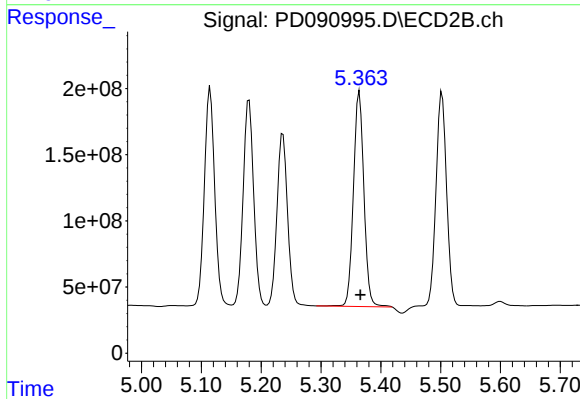
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.002 min
Response: 1889656262
Conc: 43.81 ng/ml



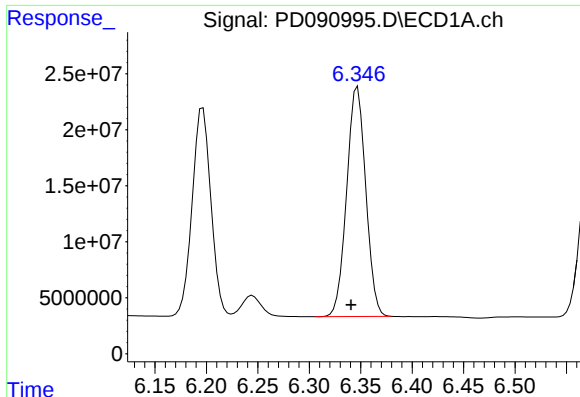
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.006 min
Response: 231642507
Conc: 43.49 ng/ml



#12 4,4'-DDE

R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 1972256948
Conc: 44.99 ng/ml



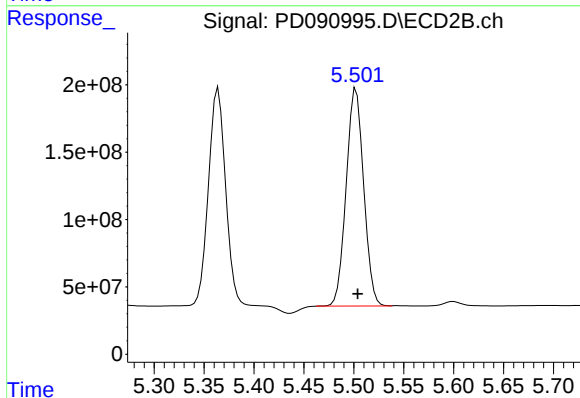
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.006 min
Response: 264936515
Conc: 45.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BSD

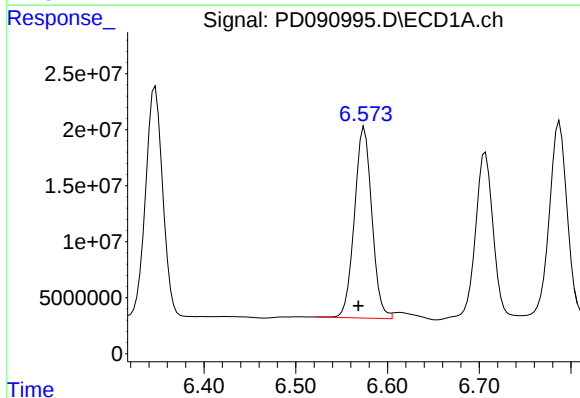
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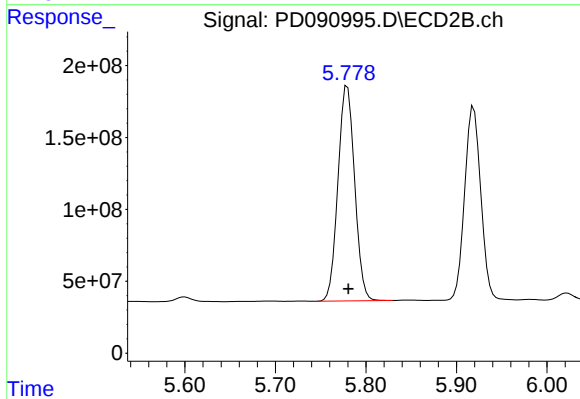
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 1971798362
Conc: 44.63 ng/ml



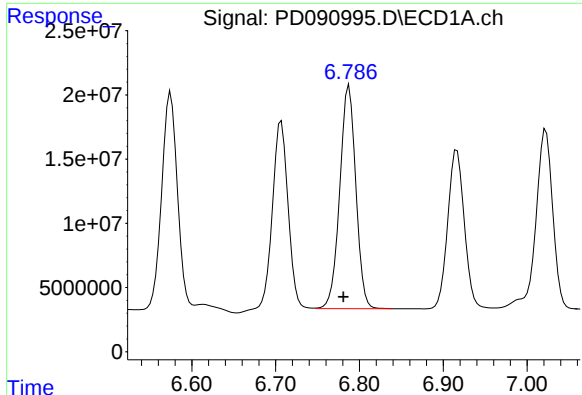
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.007 min
Response: 225371794
Conc: 45.50 ng/ml



#14 Endrin

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 1917252791
Conc: 47.35 ng/ml



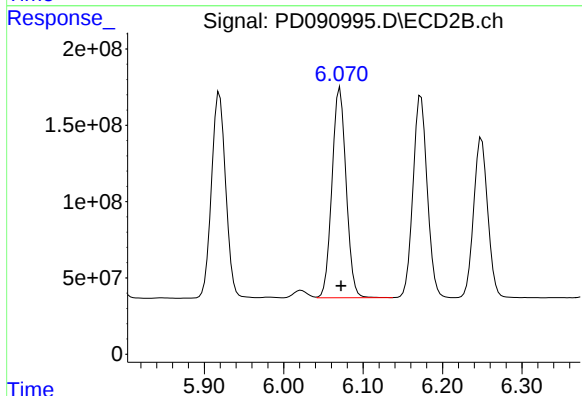
#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: 0.005 min
Response: 231658307
Conc: 46.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BSD

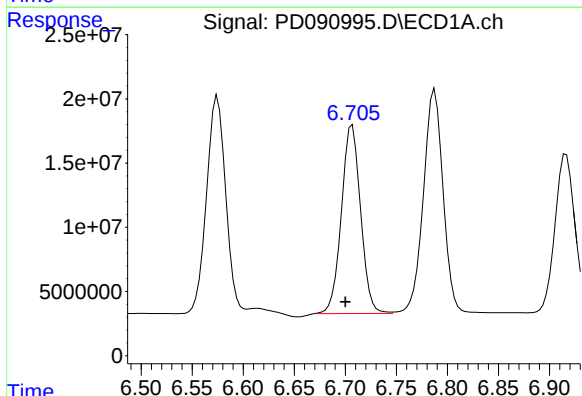
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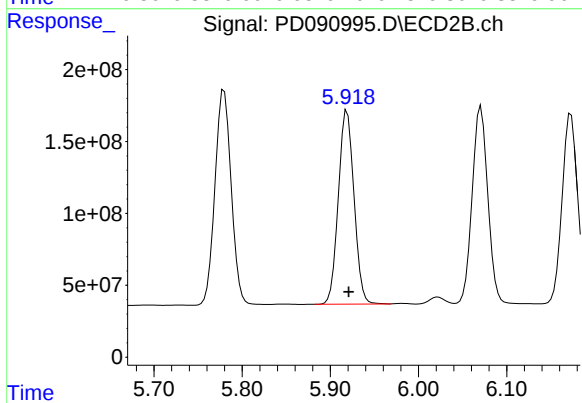
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.001 min
Response: 1699987252
Conc: 45.27 ng/ml



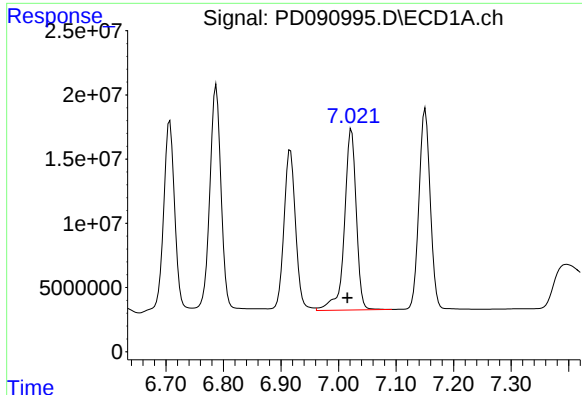
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.005 min
Response: 191738872
Conc: 47.29 ng/ml m



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 1664311951
Conc: 45.68 ng/ml



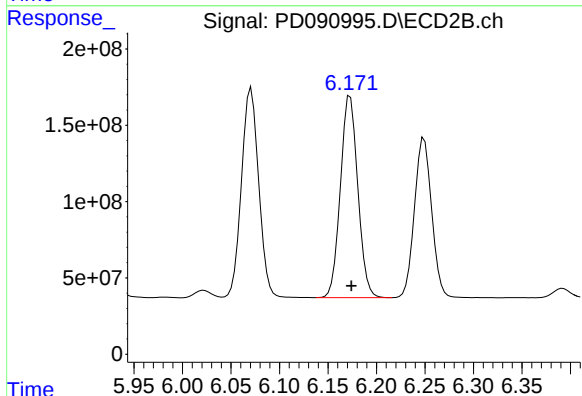
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.007 min
Response: 202541329
Conc: 49.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BSD

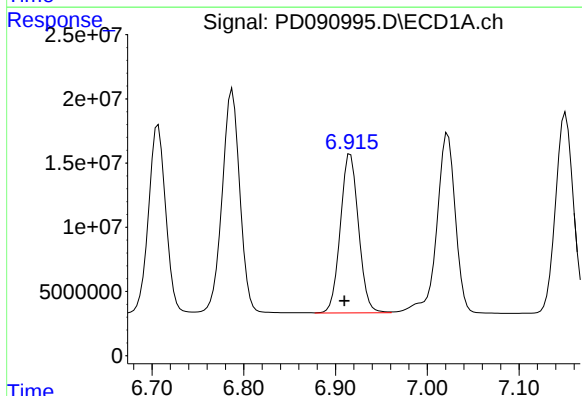
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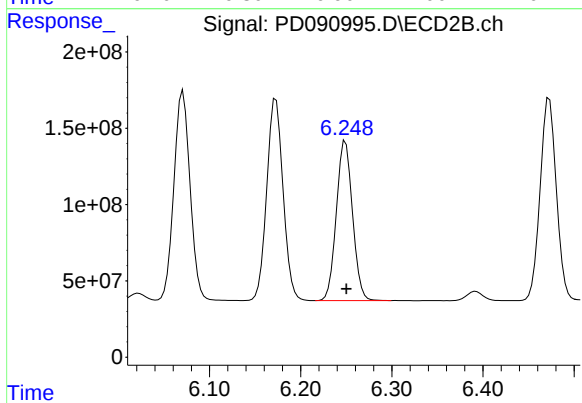
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: -0.001 min
Response: 1651302325
Conc: 47.08 ng/ml



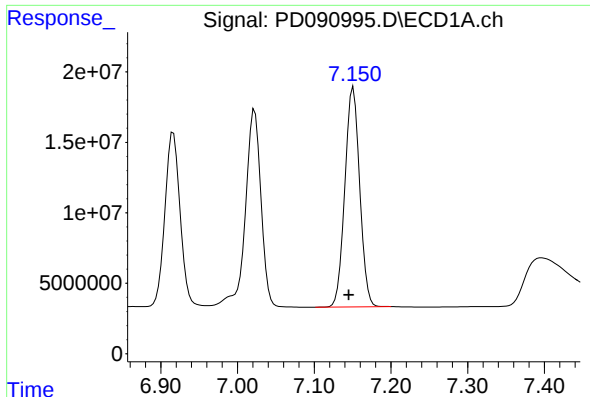
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.005 min
Response: 170332756
Conc: 46.50 ng/ml m



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.001 min
Response: 1289727837
Conc: 46.57 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.151 min
Delta R.T.: 0.006 min
Response: 210556119
Conc: 45.40 ng/ml

Instrument :

ECD_D

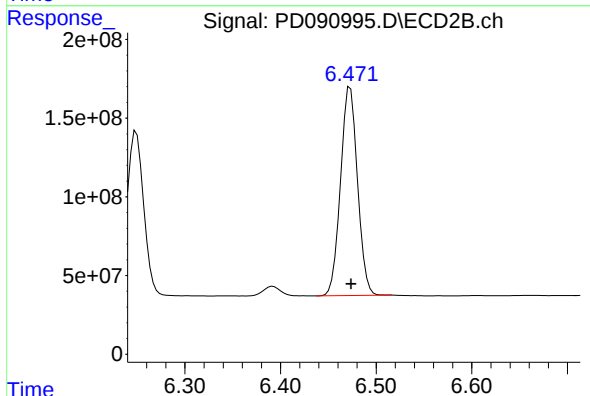
ClientSampleId :

PB170426BSD

Manual Integrations

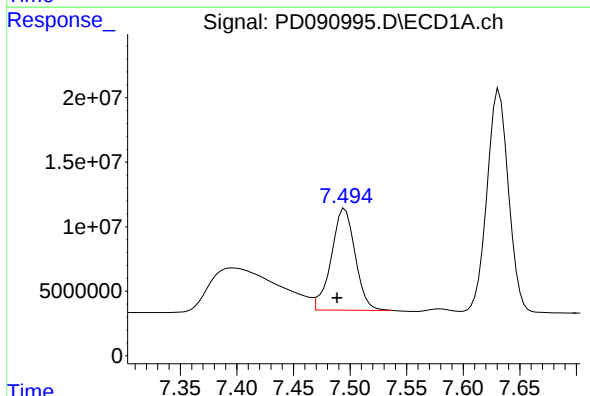
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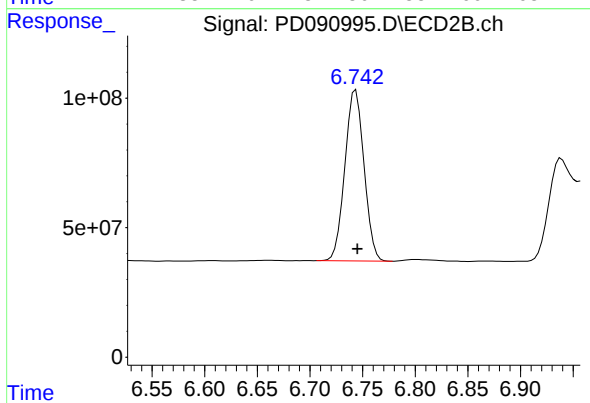
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 1638445953
Conc: 45.71 ng/ml



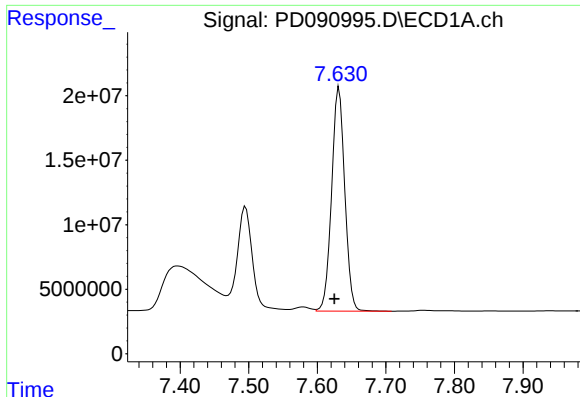
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.006 min
Response: 115042742
Conc: 54.12 ng/ml m



#20 Methoxychlor

R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 839105068
Conc: 48.15 ng/ml



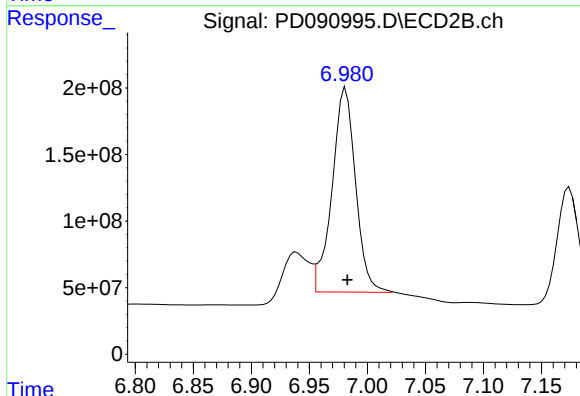
#21 Endrin ketone

R.T.: 7.632 min
Delta R.T.: 0.007 min
Response: 231452127
Conc: 47.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BSD

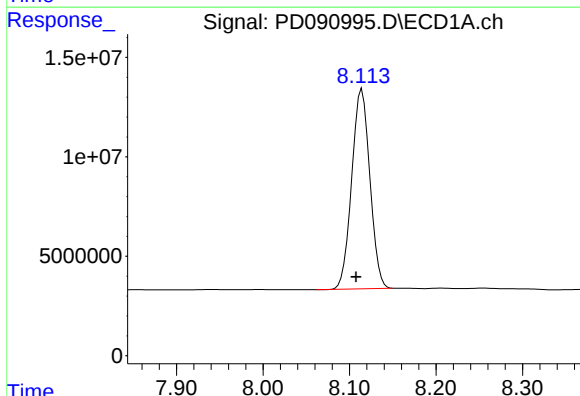
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



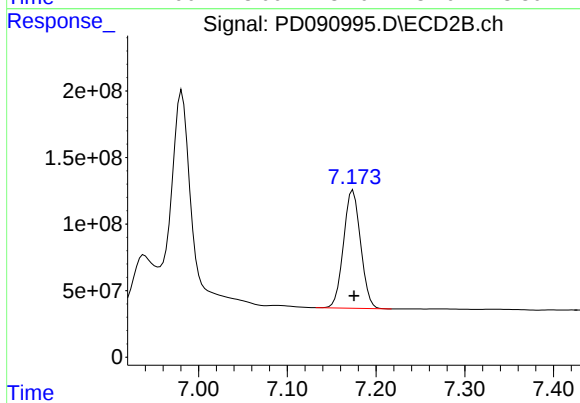
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: -0.003 min
Response: 2152889210
Conc: 57.08 ng/ml m



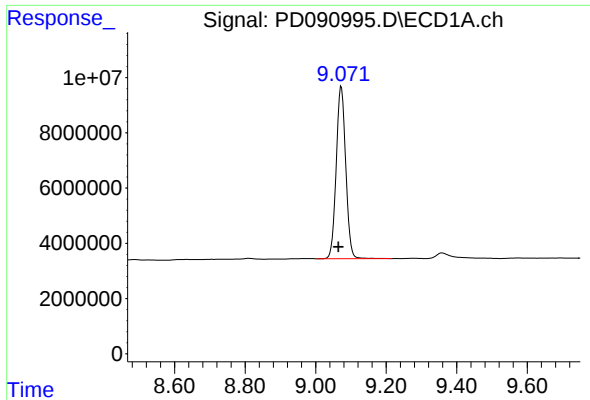
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.007 min
Response: 146191562
Conc: 45.67 ng/ml



#22 Mirex

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 1186691994
Conc: 46.19 ng/ml



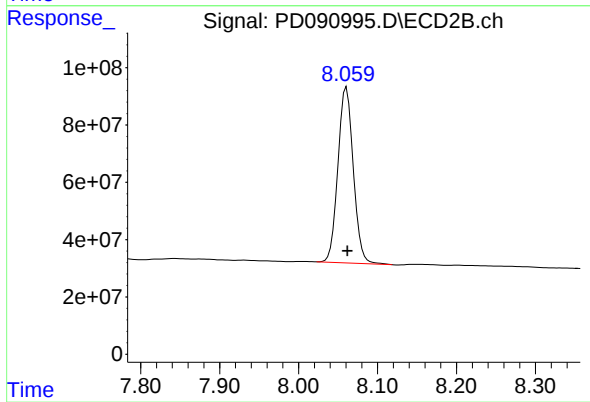
#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.008 min
Response: 117005238
Conc: 25.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BSD

Manual Integrations
APPROVED

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Supervised By :Yogesh Patel 11/07/2025



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.001 min
Response: 831684986
Conc: 27.46 ng/ml