

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
 Data File : PD091023.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Nov 2025 12:39
 Operator : AR\AJ
 Sample : PB170426BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170426BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/10/2025
 Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 02:44:55 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...	3.551	2.872	71759700	752.0E6	23.043	25.254
2)	SA Decachlor...	9.077	8.062	115.3E6	848.5E6	24.645	28.012
Target Compounds							
2)	A alpha-BHC	4.002	3.385	311.2E6	2280.1E6	43.365	44.625
3)	MA gamma-BHC...	4.333	3.721	287.4E6	2087.6E6	42.266	44.184
4)	MA Heptachlor	4.931	4.073	293.1E6	2048.3E6	52.440	45.923
5)	MB Aldrin	5.272	4.359	277.5E6	2039.4E6	42.389	44.029
6)	B beta-BHC	4.521	4.017	108.9E6	860.9E6	41.577	43.415
7)	B delta-BHC	4.769	4.254	293.7E6	2086.5E6	43.430	43.727
8)	B Heptachlo...	5.691	4.863	259.0E6	1841.6E6	44.731m	43.190
9)	A Endosulfan I	6.077	5.237	239.5E6	1576.1E6	43.262	40.011
10)	B gamma-Chl...	5.948	5.116	253.6E6	1951.3E6	42.756	43.412
11)	B alpha-Chl...	6.029	5.181	257.4E6	1867.5E6	41.654	43.292
12)	B 4,4'-DDE	6.199	5.365	223.2E6	1956.3E6	41.897	44.627
13)	MA Dieldrin	6.349	5.503	254.9E6	1948.3E6	43.710	44.095
14)	MA Endrin	6.577	5.780	214.7E6	1878.8E6	43.348	46.396
15)	B Endosulfa...	6.788	6.072	222.3E6	1668.8E6	44.451m	44.436
16)	A 4,4'-DDD	6.707	5.920	187.2E6	1652.9E6	46.175m	45.362
17)	MA 4,4'-DDT	7.025	6.174	195.2E6	1632.6E6	47.488	46.550
18)	B Endrin al...	6.917	6.250	161.0E6	1276.4E6	43.962m	46.091
19)	B Endosulfa...	7.153	6.474	202.6E6	1610.3E6	43.685	44.925
20)	A Methoxychlor	7.497	6.745	103.3E6	806.9E6	48.612	46.302
21)	B Endrin ke...	7.634	6.981	224.2E6	2102.5E6	46.138	55.744m
22)	Mirex	8.116	7.175	140.4E6	1176.4E6	43.875	45.791

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
Data File : PD091023.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2025 12:39
Operator : AR\AJ
Sample : PB170426BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

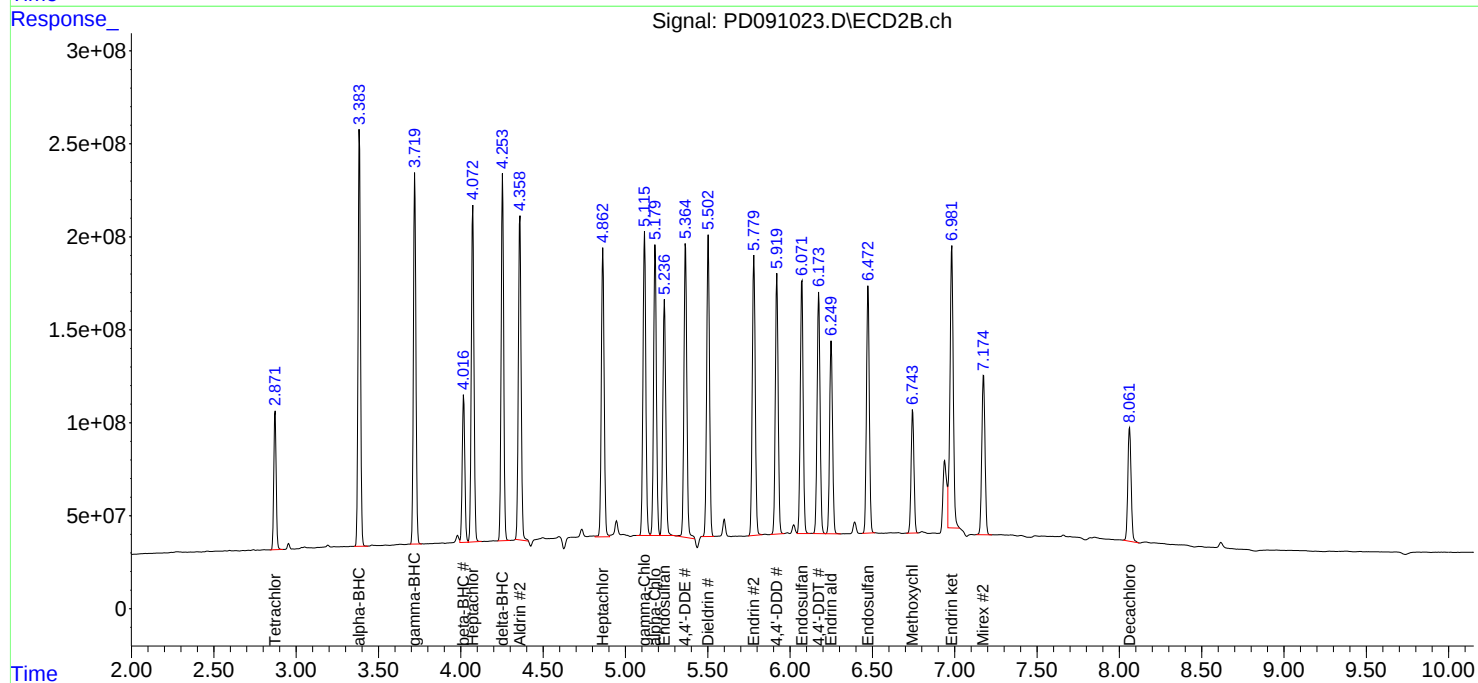
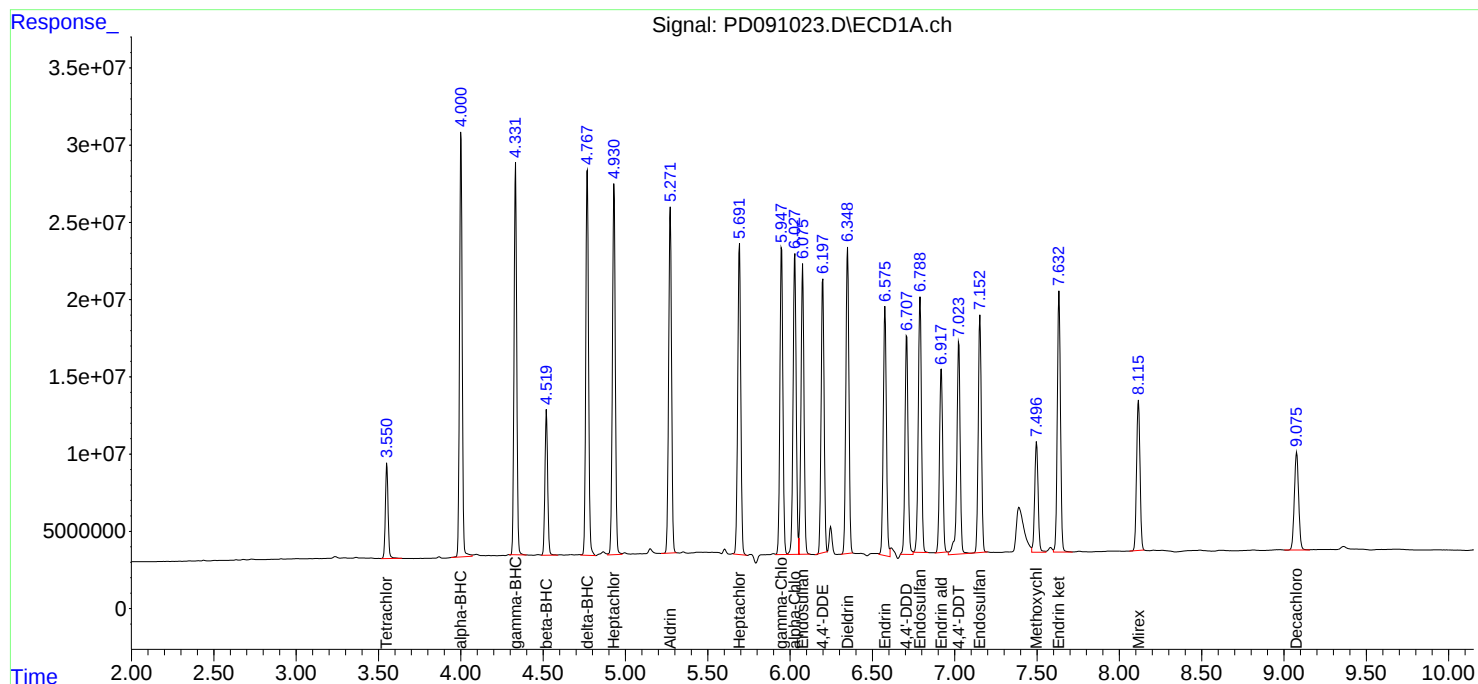
Instrument :
ECD_D
ClientSampleId :
PB170426BSD

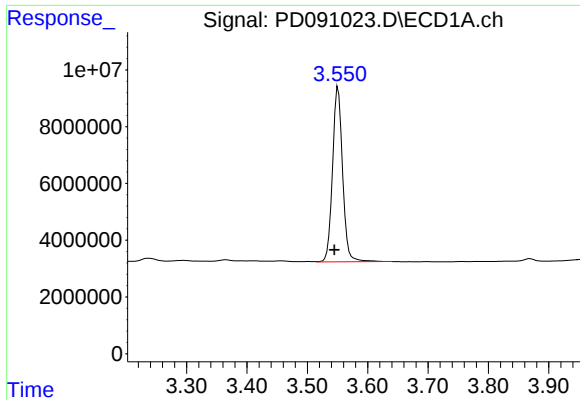
Manual Integrations
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Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 02:44:55 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





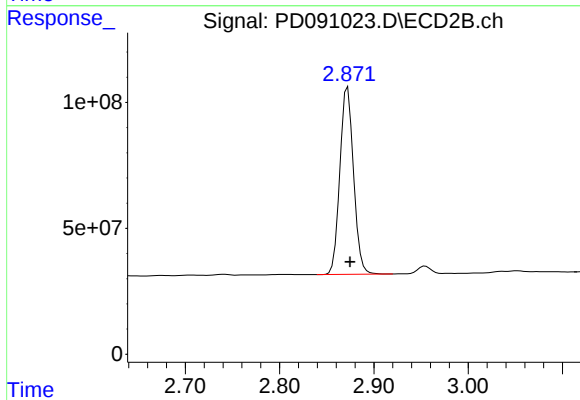
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.006 min
Response: 71759700
Conc: 23.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BSD

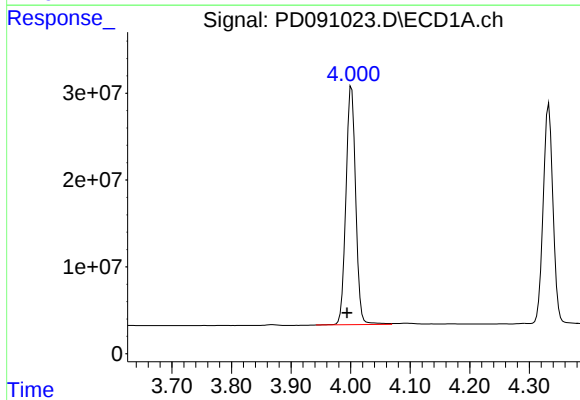
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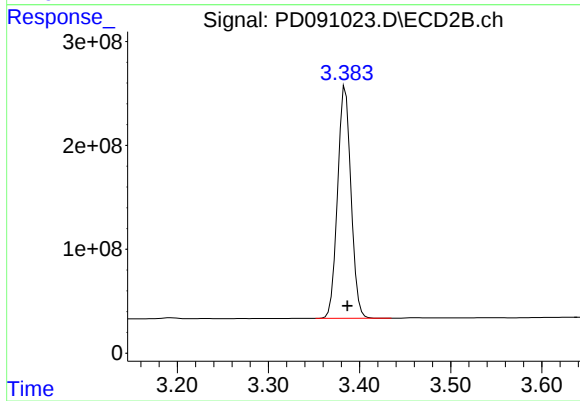
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 751999750
Conc: 25.25 ng/ml



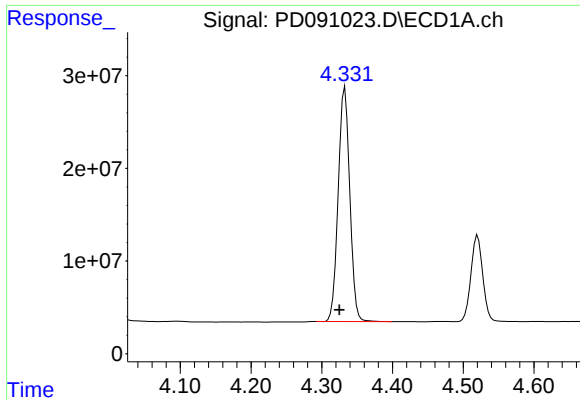
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.007 min
Response: 311235687
Conc: 43.36 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 2280136275
Conc: 44.62 ng/ml



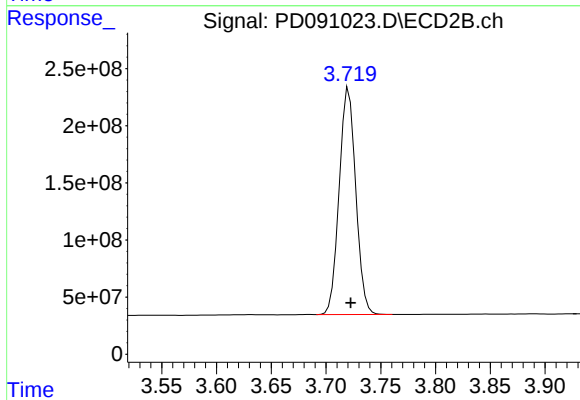
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.008 min
Response: 287359896
Conc: 42.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BSD

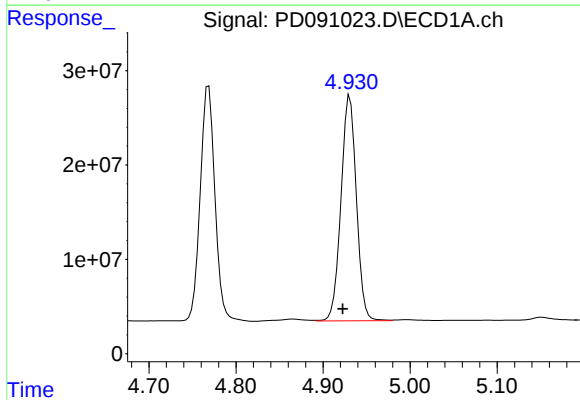
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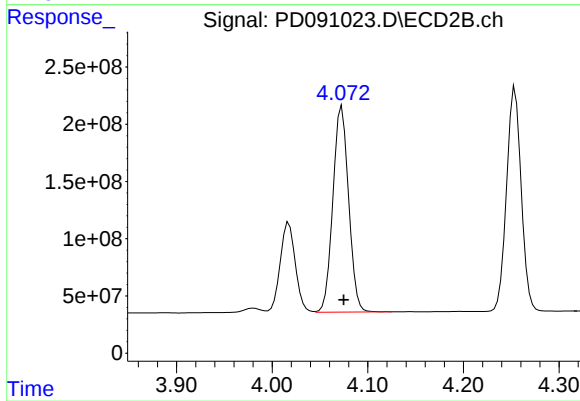
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 2087629712
Conc: 44.18 ng/ml



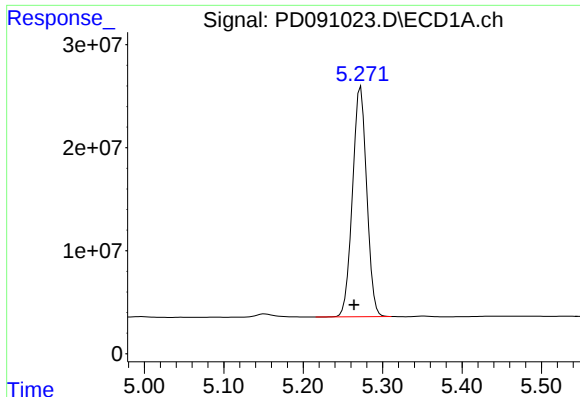
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.008 min
Response: 293115253
Conc: 52.44 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2048279413
Conc: 45.92 ng/ml



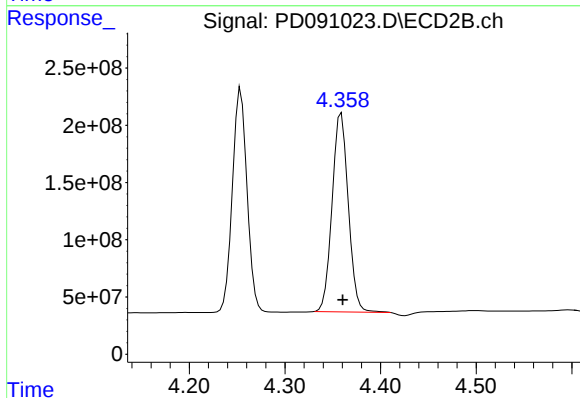
#5 Aldrin

R.T.: 5.272 min
Delta R.T.: 0.008 min
Response: 277531008
Conc: 42.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BSD

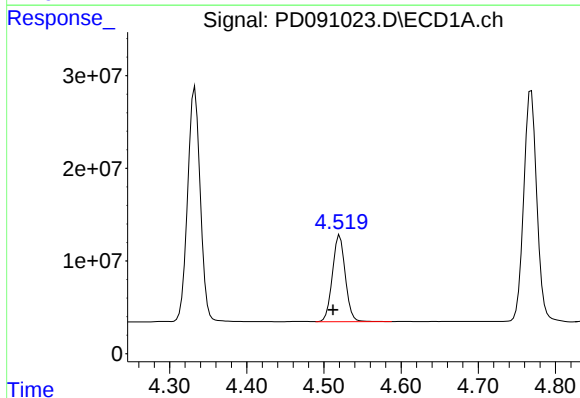
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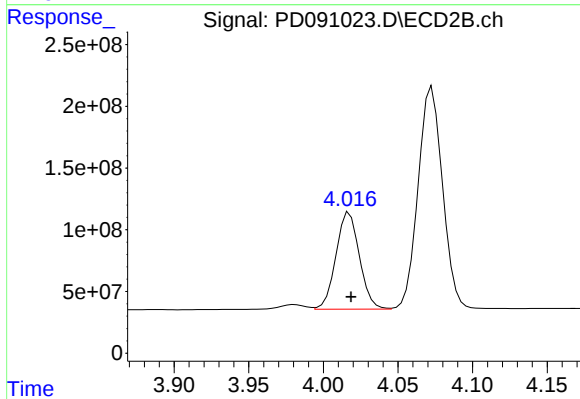
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 2039370554
Conc: 44.03 ng/ml



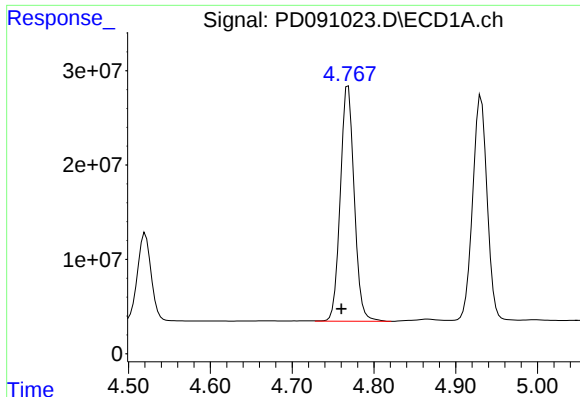
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.009 min
Response: 108917533
Conc: 41.58 ng/ml



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.001 min
Response: 860907270
Conc: 43.42 ng/ml



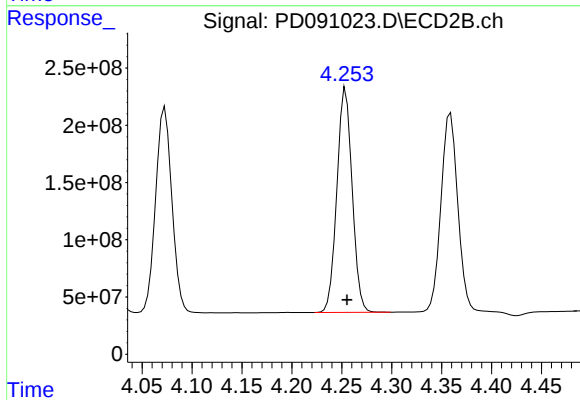
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: 0.008 min
Response: 293660852
Conc: 43.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BSD

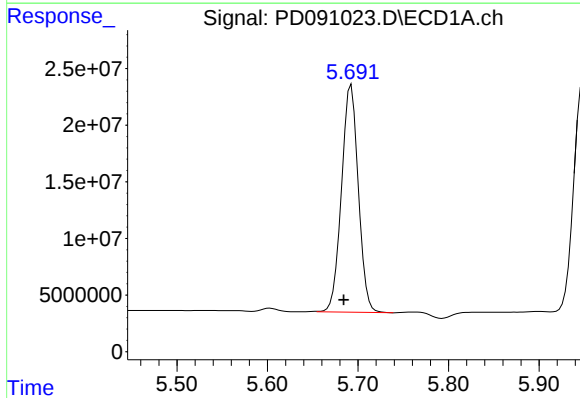
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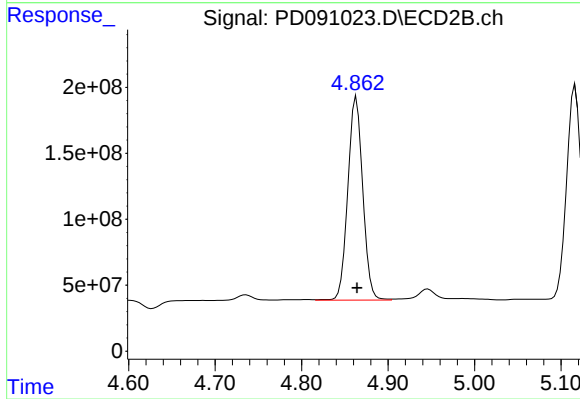
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.001 min
Response: 2086516301
Conc: 43.73 ng/ml



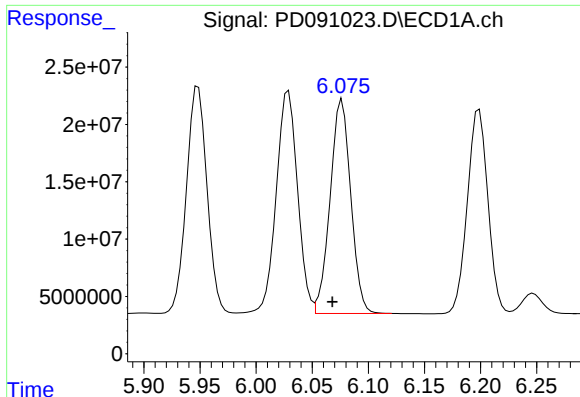
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.007 min
Response: 258950315
Conc: 44.73 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.863 min
Delta R.T.: 0.000 min
Response: 1841578827
Conc: 43.19 ng/ml



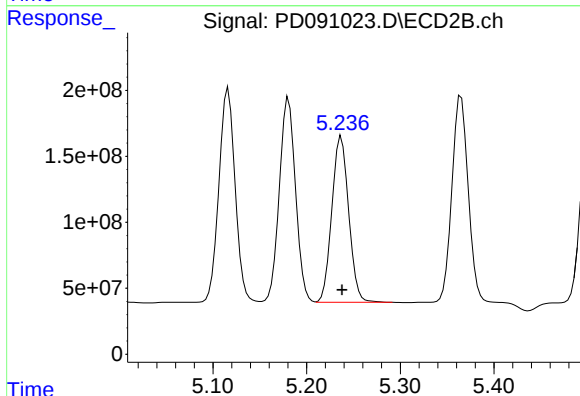
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.009 min
Response: 239528322
Conc: 43.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BSD

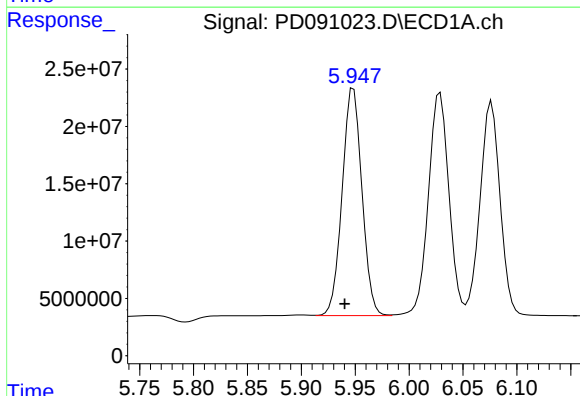
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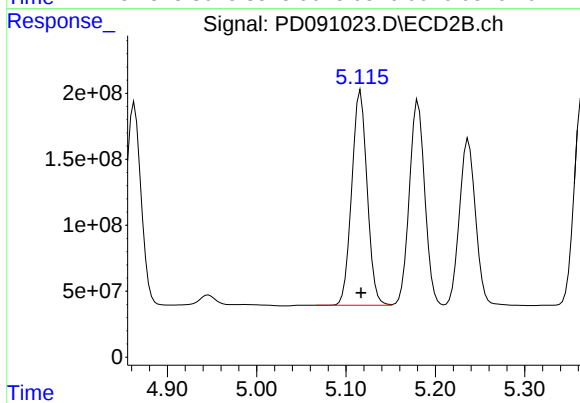
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.001 min
Response: 1576054409
Conc: 40.01 ng/ml



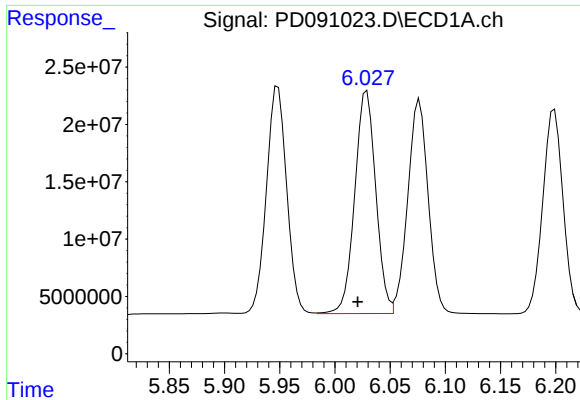
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.008 min
Response: 253591431
Conc: 42.76 ng/ml



#10 gamma-Chlordane

R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 1951301784
Conc: 43.41 ng/ml



#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.008 min
Response: 257432217
Conc: 41.65 ng/ml

Instrument :

ECD_D

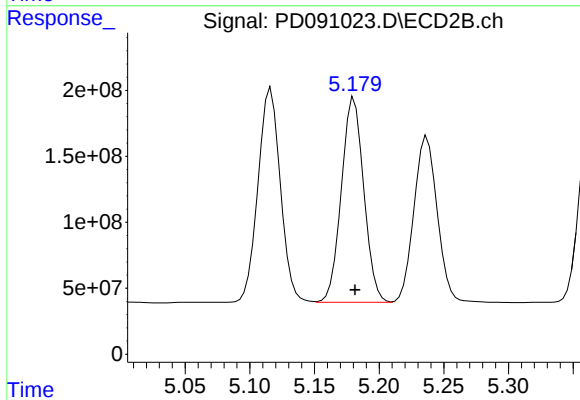
ClientSampleId :

PB170426BSD

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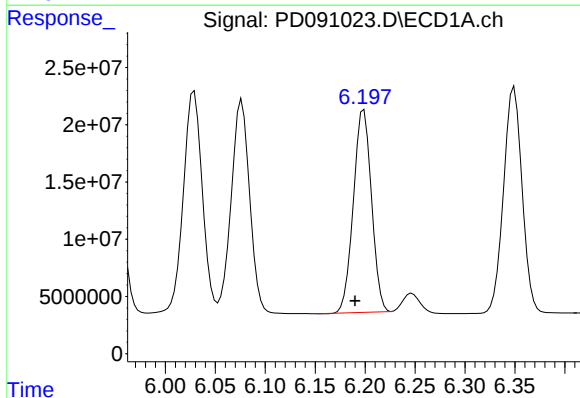
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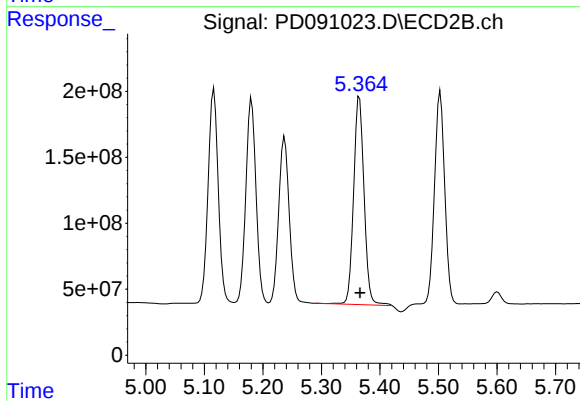
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 1867526901
Conc: 43.29 ng/ml



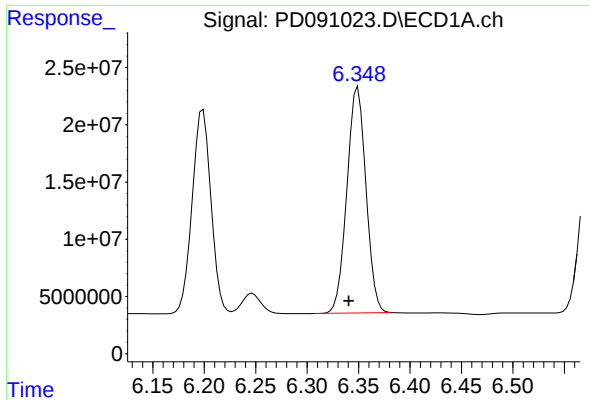
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.009 min
Response: 223172476
Conc: 41.90 ng/ml



#12 4,4'-DDE

R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 1956349822
Conc: 44.63 ng/ml



#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.009 min
Response: 254888326
Conc: 43.71 ng/ml

Instrument :

ECD_D

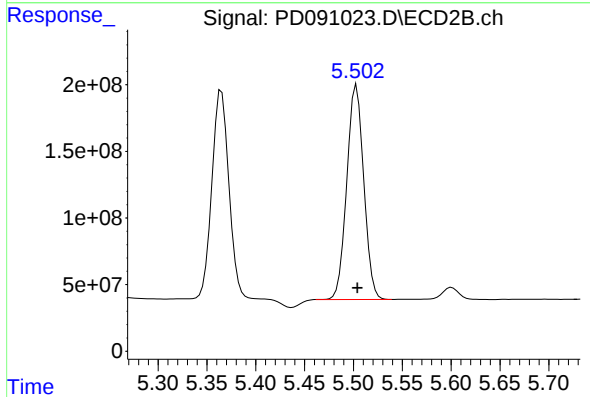
ClientSampleId :

PB170426BSD

Manual Integrations

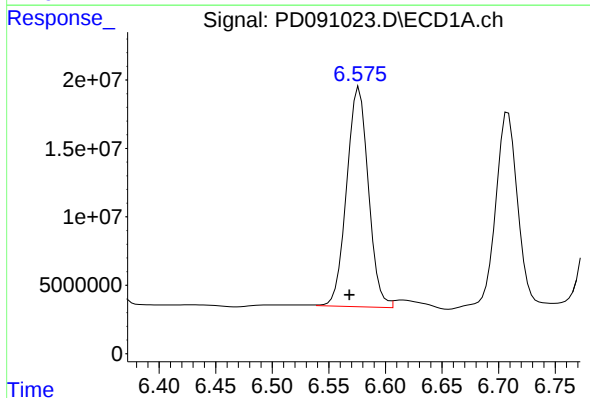
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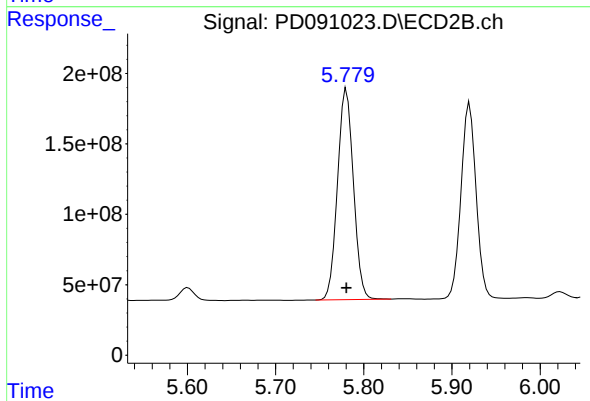
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 1948302084
Conc: 44.10 ng/ml



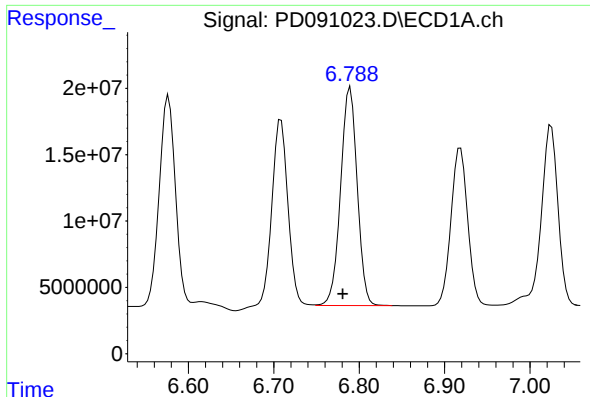
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.009 min
Response: 214732003
Conc: 43.35 ng/ml



#14 Endrin

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 1878756289
Conc: 46.40 ng/ml



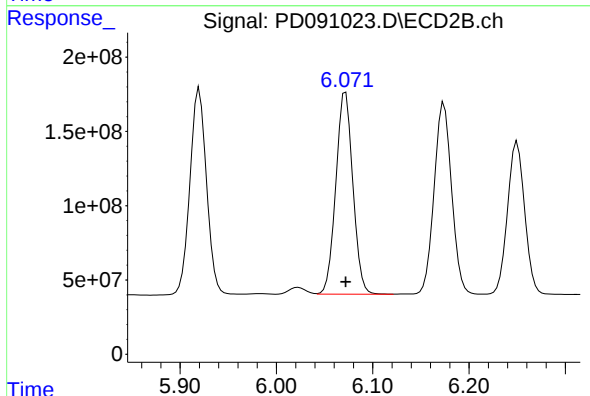
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: 0.007 min
Response: 22254712
Conc: 44.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BSD

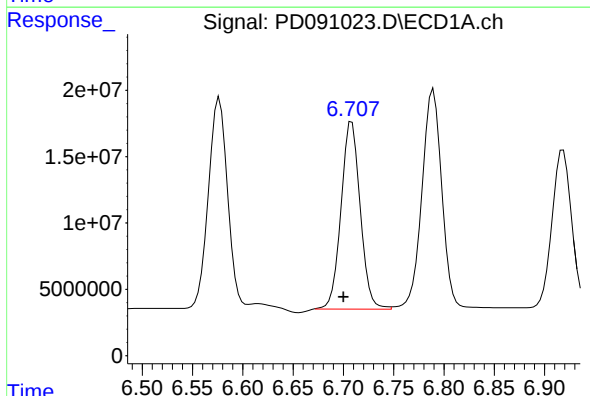
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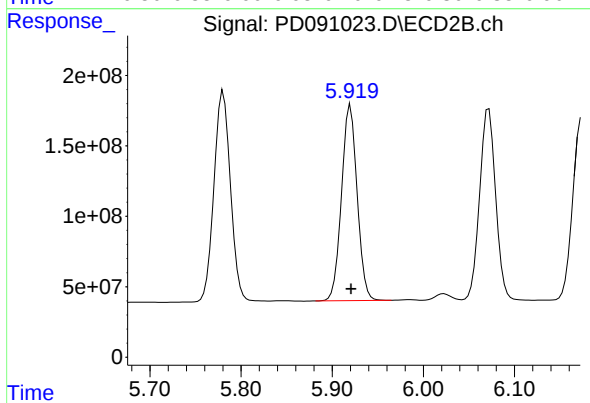
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 1668820055
Conc: 44.44 ng/ml



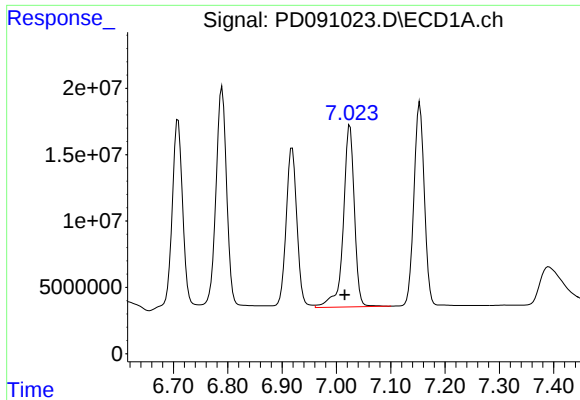
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.007 min
Response: 187202409
Conc: 46.17 ng/ml m



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 1652893799
Conc: 45.36 ng/ml



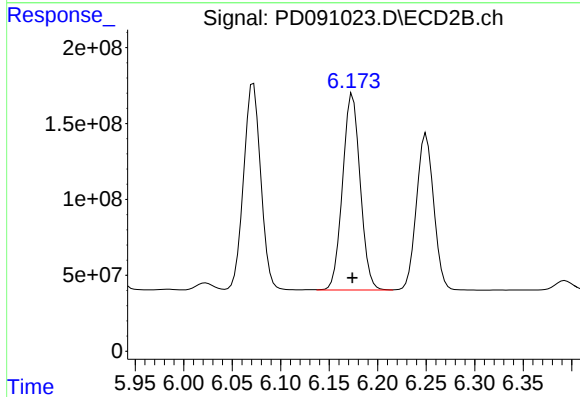
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.010 min
Response: 195196590
Conc: 47.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BSD

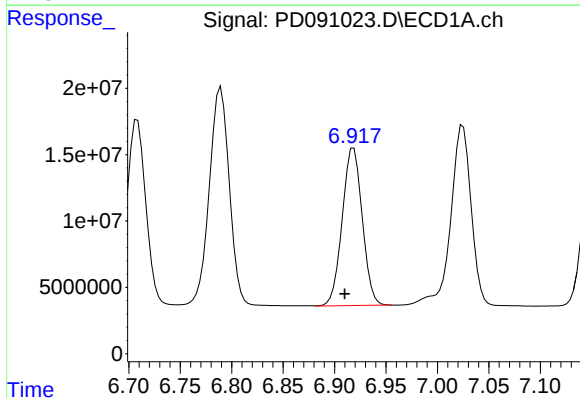
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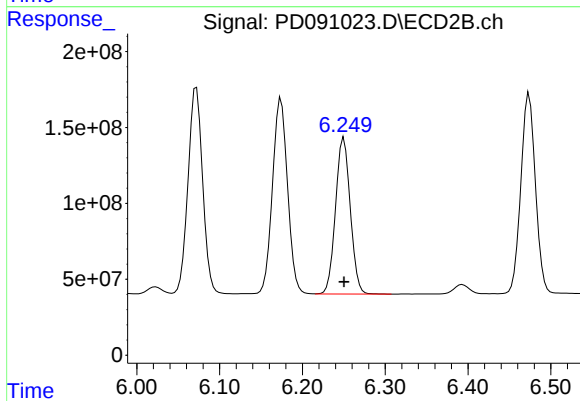
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 1632637159
Conc: 46.55 ng/ml



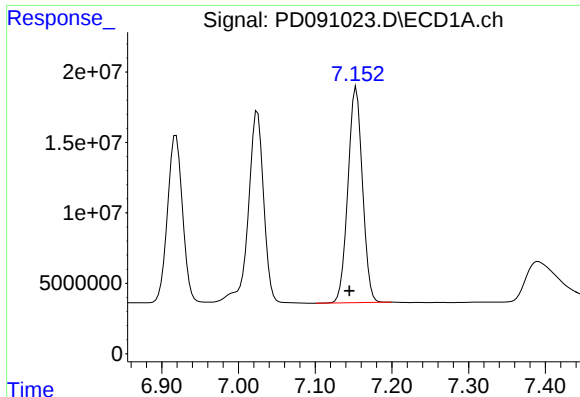
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.007 min
Response: 161019958
Conc: 43.96 ng/ml m



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 1276391461
Conc: 46.09 ng/ml



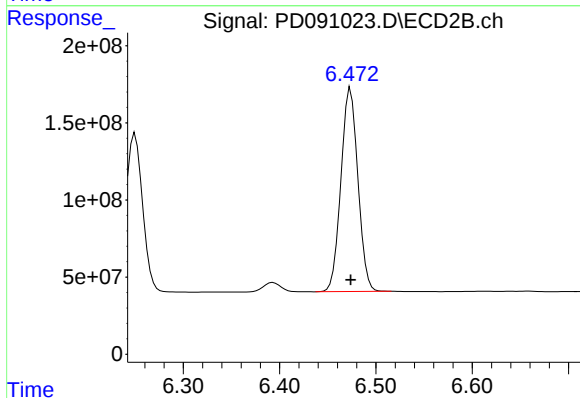
#19 Endosulfan Sulfate

R.T.: 7.153 min
Delta R.T.: 0.009 min
Response: 202617678
Conc: 43.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BSD

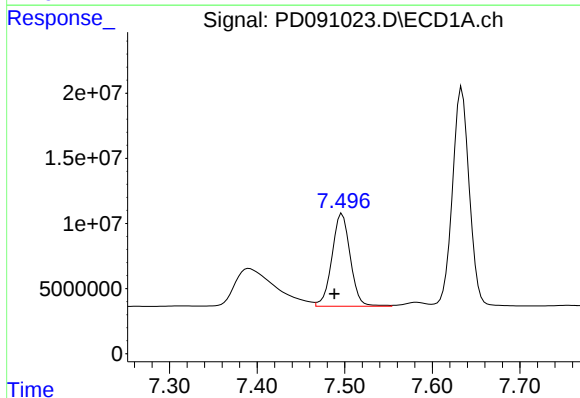
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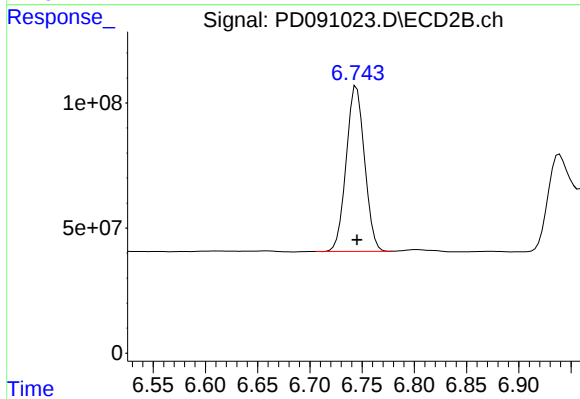
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 1610341589
Conc: 44.93 ng/ml



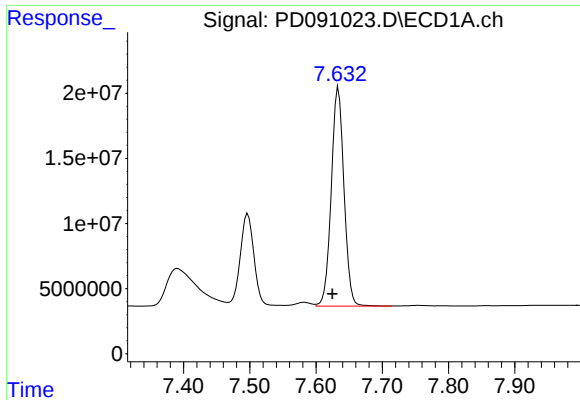
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: 0.009 min
Response: 103328749
Conc: 48.61 ng/ml



#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 806943366
Conc: 46.30 ng/ml



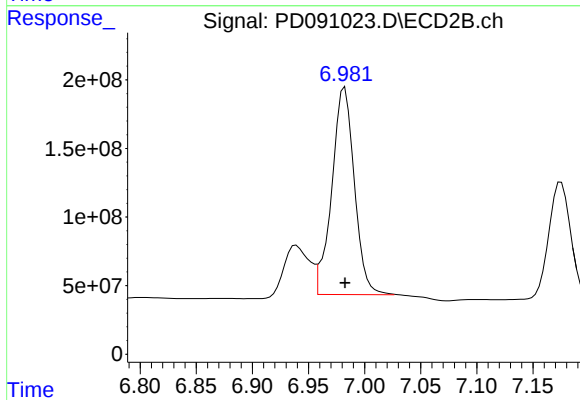
#21 Endrin ketone

R.T.: 7.634 min
Delta R.T.: 0.009 min
Response: 224177847
Conc: 46.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BSD

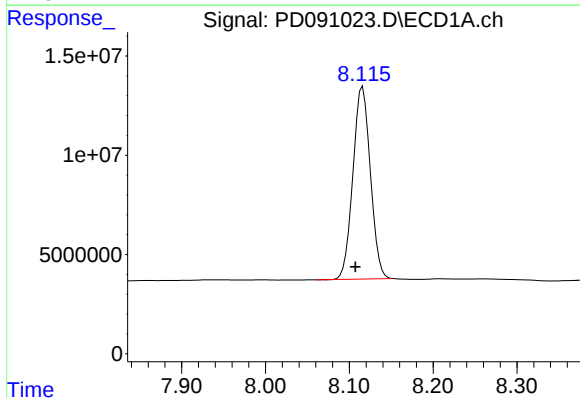
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Yogesh Patel 11/10/2025



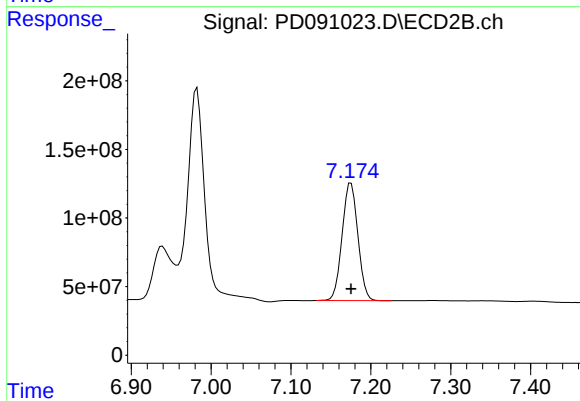
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.002 min
Response: 2102522747
Conc: 55.74 ng/ml m



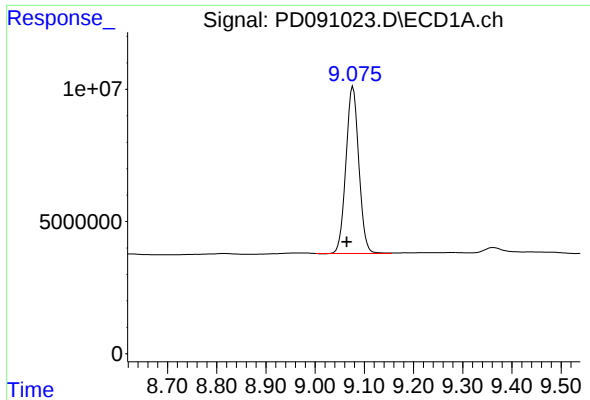
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.009 min
Response: 140436326
Conc: 43.87 ng/ml



#22 Mirex

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 1176410296
Conc: 45.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.013 min
Response: 115286104
Conc: 24.64 ng/ml

Instrument :

ECD_D

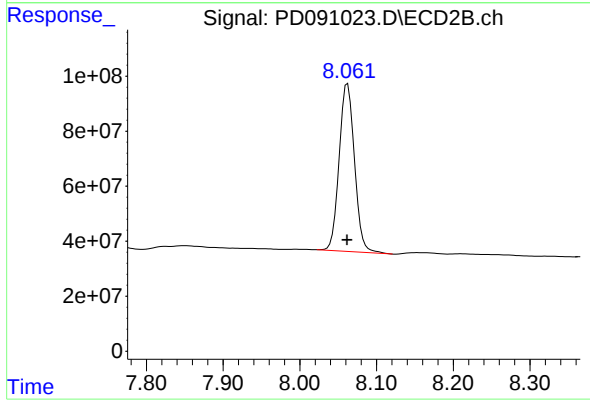
ClientSampleId :

PB170426BSD

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 848516080
Conc: 28.01 ng/ml