

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
 Data File : PD090984.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2025 12:16
 Operator : AR\AJ
 Sample : PB170400BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170400BS

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 00:24:18 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...	3.549	2.873	75960650	774.3E6	24.392	26.004
28)	SA Decachlor...	9.071	8.060	118.8E6	838.6E6	25.406	27.686
Target Compounds							
2)	A alpha-BHC	3.999	3.385	332.5E6	2369.9E6	46.321	46.382
3)	MA gamma-BHC...	4.330	3.721	311.9E6	2183.5E6	45.879	46.213
4)	MA Heptachlor	4.928	4.074	320.2E6	2166.6E6	57.294	48.574
5)	MB Aldrin	5.269	4.359	304.1E6	2149.7E6	46.442	46.412
6)	B beta-BHC	4.517	4.018	118.4E6	904.9E6	45.181	45.632
7)	B delta-BHC	4.765	4.254	314.7E6	2197.0E6	46.536	46.042
8)	B Heptachlo...	5.689	4.862	276.0E6	1964.7E6	47.683	46.078
9)	A Endosulfan I	6.073	5.237	259.5E6	1706.2E6	46.873	43.316
10)	B gamma-Chl...	5.945	5.116	275.1E6	2070.7E6	46.385	46.069
11)	B alpha-Chl...	6.026	5.181	281.6E6	1980.7E6	45.572	45.917
12)	B 4,4'-DDE	6.195	5.365	242.3E6	2059.0E6	45.488	46.967
13)	MA Dieldrin	6.346	5.503	276.8E6	2066.2E6	47.475	46.764
14)	MA Endrin	6.574	5.780	234.4E6	1960.1E6	47.328	48.404
15)	B Endosulfa...	6.786	6.071	256.2E6	1769.7E6	51.236	47.121
16)	A 4,4'-DDD	6.705	5.919	207.0E6	1729.4E6	51.056	47.462
17)	MA 4,4'-DDT	7.021	6.173	212.4E6	1750.5E6	51.684	49.911
18)	B Endrin al...	6.916	6.249	181.9E6	1350.0E6	49.664	48.749
19)	B Endosulfa...	7.150	6.473	219.6E6	1705.9E6	47.349	47.590
20)	A Methoxychlor	7.493	6.744	124.4E6	874.5E6	58.527m	50.181
21)	B Endrin ke...	7.631	6.981	239.6E6	2179.6E6	49.306	57.787m
22)	Mirex	8.113	7.175	151.2E6	1227.3E6	47.225	47.772

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

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Acq On : 06 Nov 2025 12:16
Operator : AR\AJ
Sample : PB170400BS
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Instrument :

ECD_D

ClientSampleId :

PB170400BS

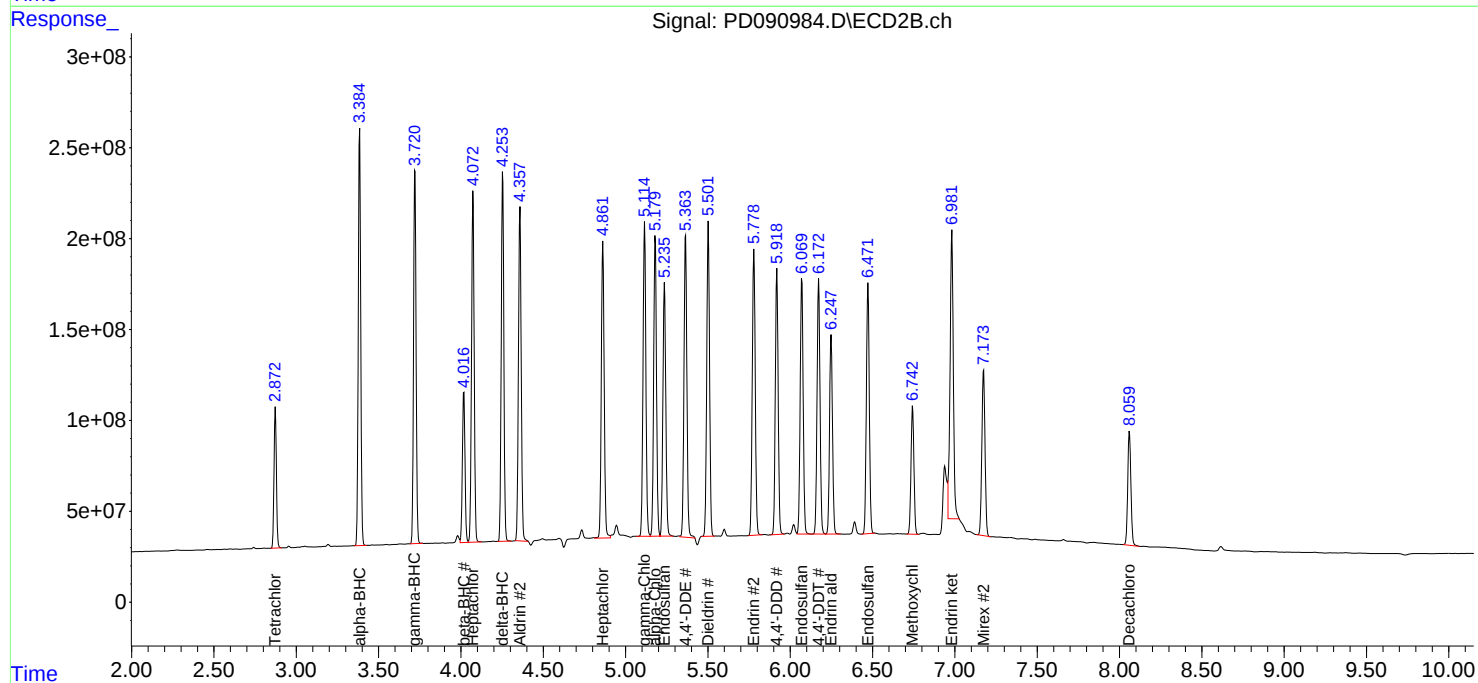
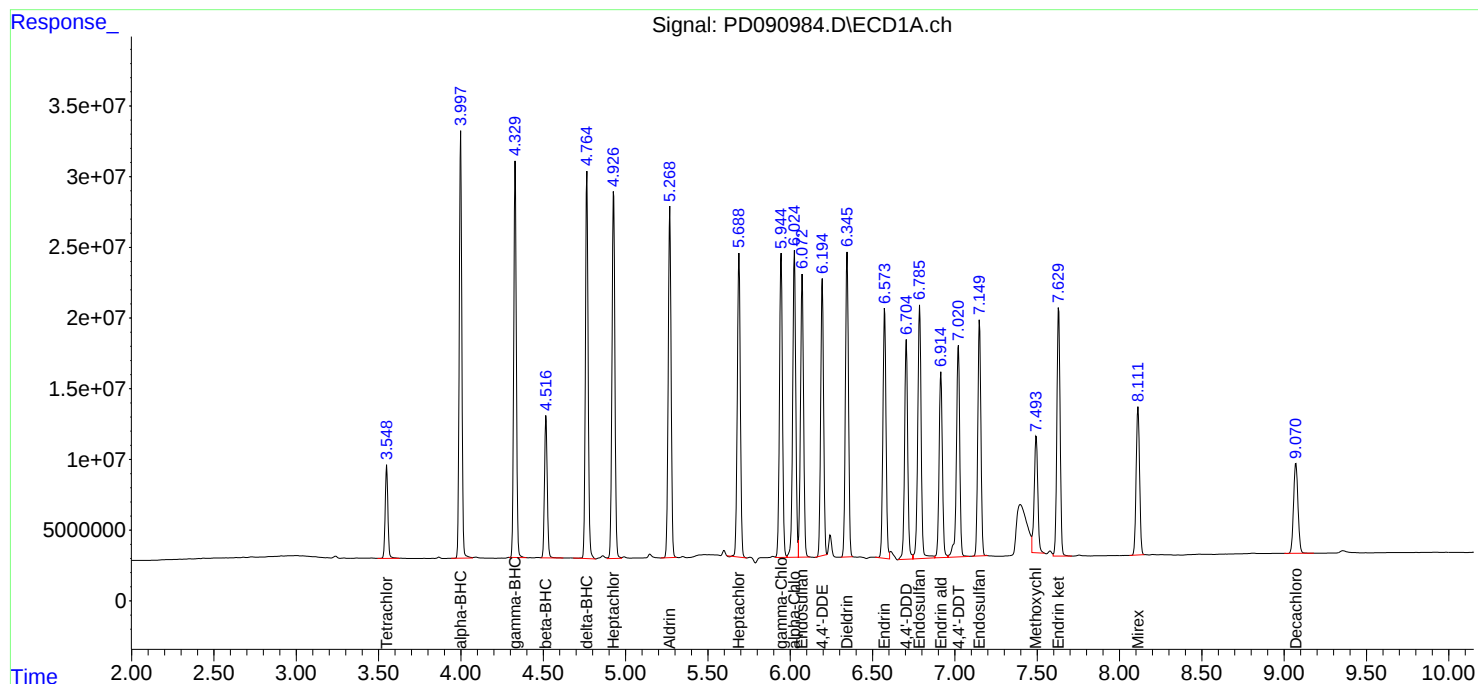
Manual Integrations

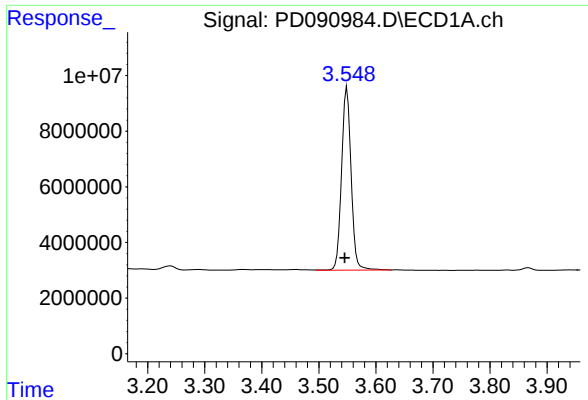
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Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:24:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





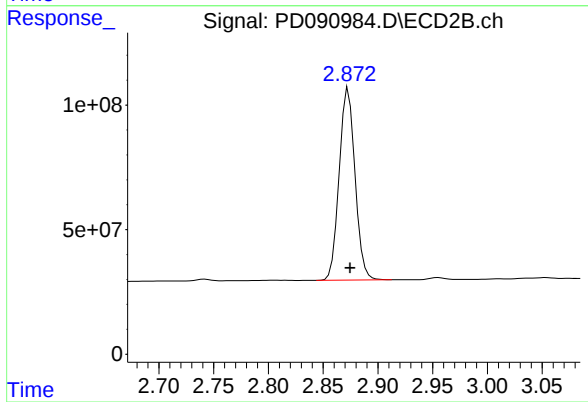
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.004 min
Response: 75960650
Conc: 24.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170400BS

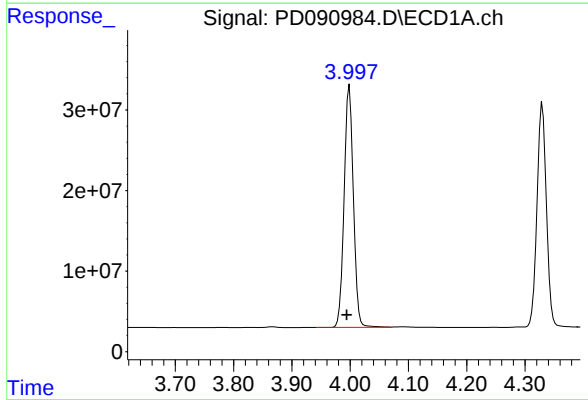
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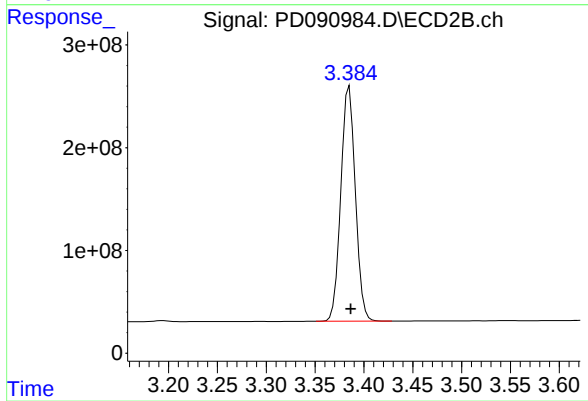
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 774335831
Conc: 26.00 ng/ml



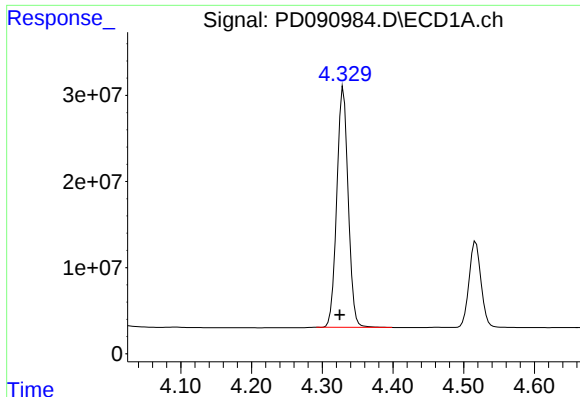
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.005 min
Response: 332451177
Conc: 46.32 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 2369940548
Conc: 46.38 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.005 min
Response: 311922023
Conc: 45.88 ng/ml

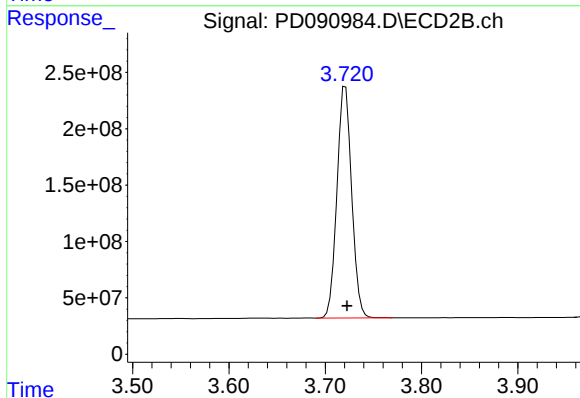
Instrument :

ECD_D

ClientSampleId :
PB170400BS

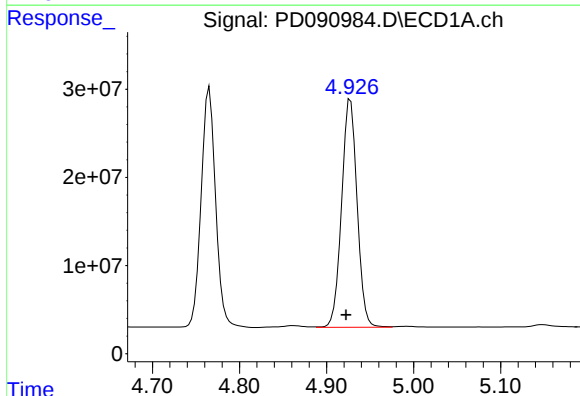
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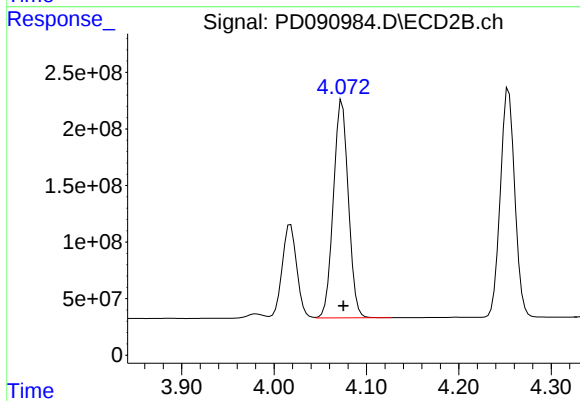
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 2183531723
Conc: 46.21 ng/ml



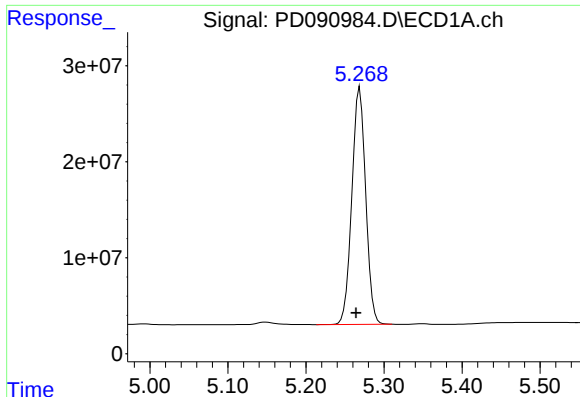
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.005 min
Response: 320246440
Conc: 57.29 ng/ml



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: -0.001 min
Response: 2166554612
Conc: 48.57 ng/ml



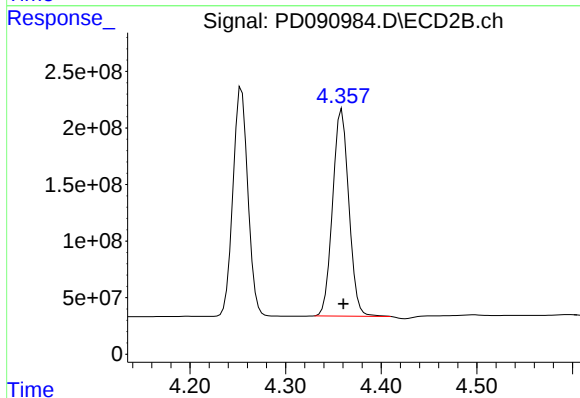
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.005 min
Response: 304069884
Conc: 46.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170400BS

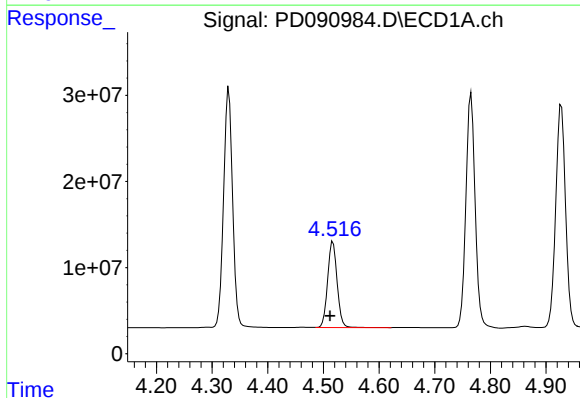
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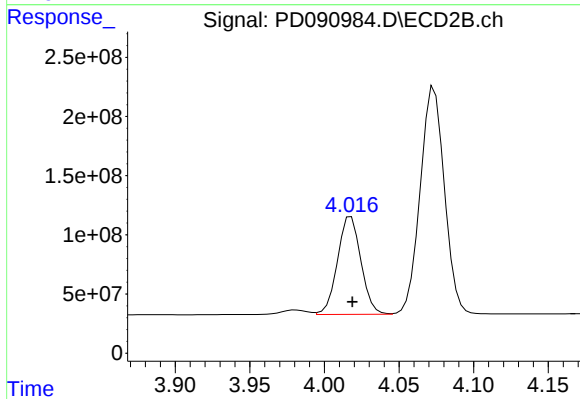
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 2149740926
Conc: 46.41 ng/ml



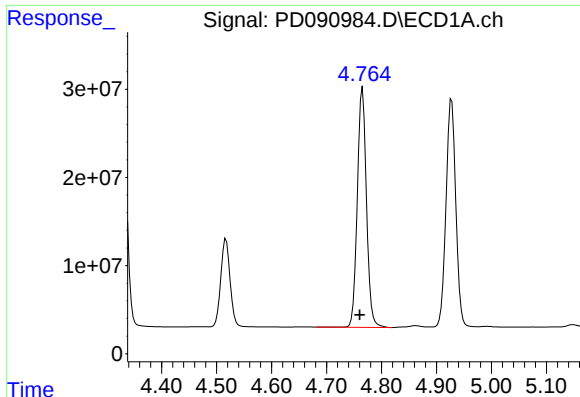
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.005 min
Response: 118358136
Conc: 45.18 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 904853166
Conc: 45.63 ng/ml



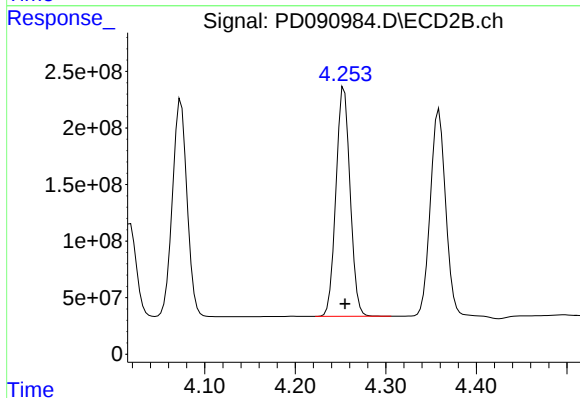
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.005 min
Response: 314662963
Conc: 46.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170400BS

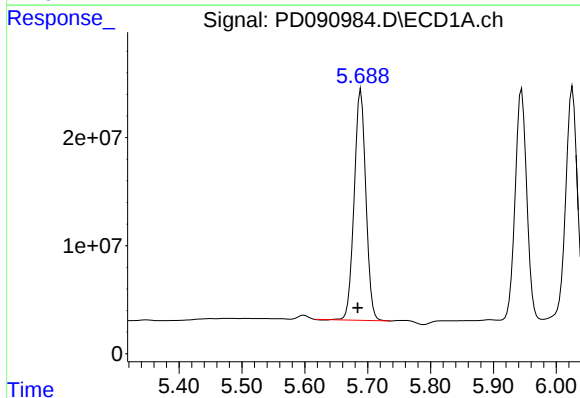
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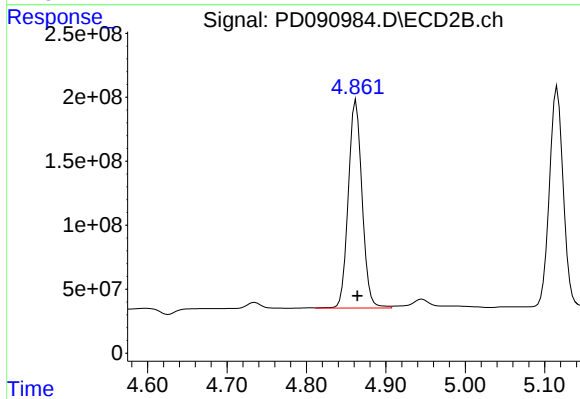
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.001 min
Response: 2196980884
Conc: 46.04 ng/ml



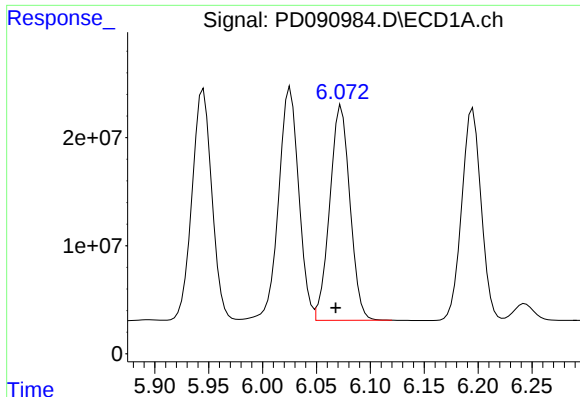
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.005 min
Response: 276041299
Conc: 47.68 ng/ml



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 1964715408
Conc: 46.08 ng/ml



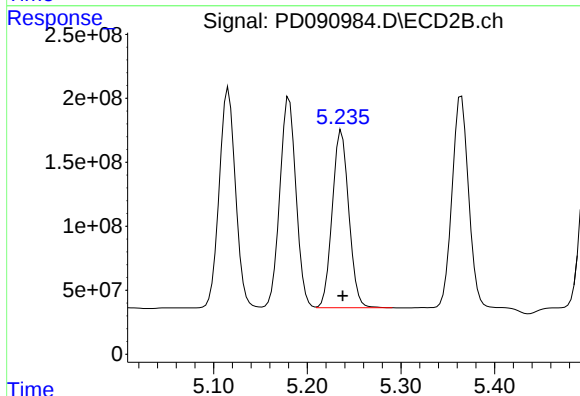
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.005 min
Response: 259519333
Conc: 46.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170400BS

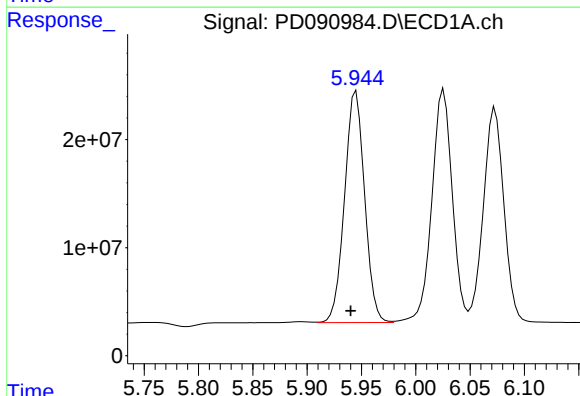
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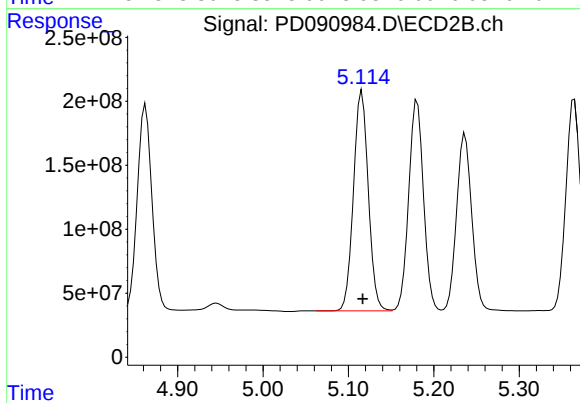
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.001 min
Response: 1706249210
Conc: 43.32 ng/ml



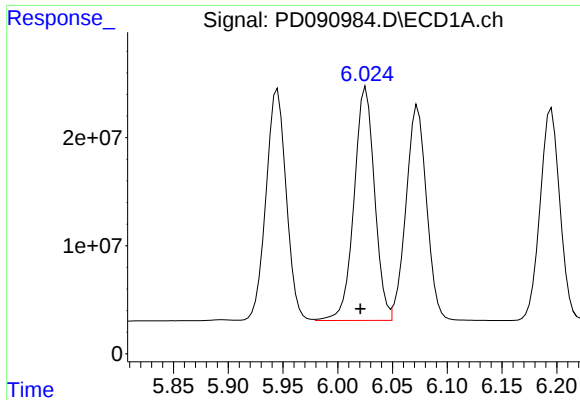
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.005 min
Response: 275120385
Conc: 46.39 ng/ml



#10 gamma-Chlordane

R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 2070732476
Conc: 46.07 ng/ml



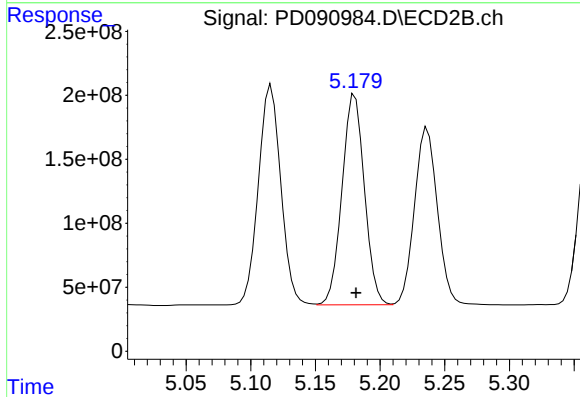
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.005 min
Response: 281647489
Conc: 45.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170400BS

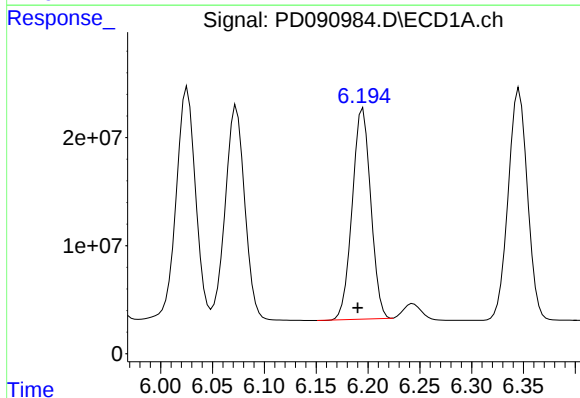
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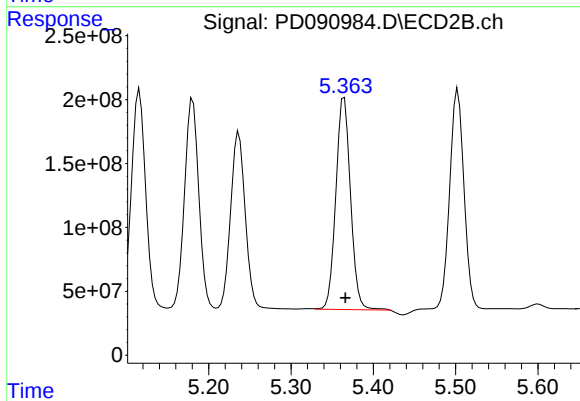
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 1980749284
Conc: 45.92 ng/ml



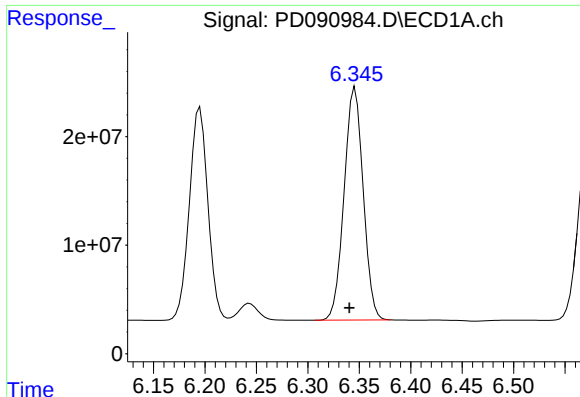
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.005 min
Response: 242295949
Conc: 45.49 ng/ml



#12 4,4'-DDE

R.T.: 5.365 min
Delta R.T.: -0.001 min
Response: 2058964231
Conc: 46.97 ng/ml



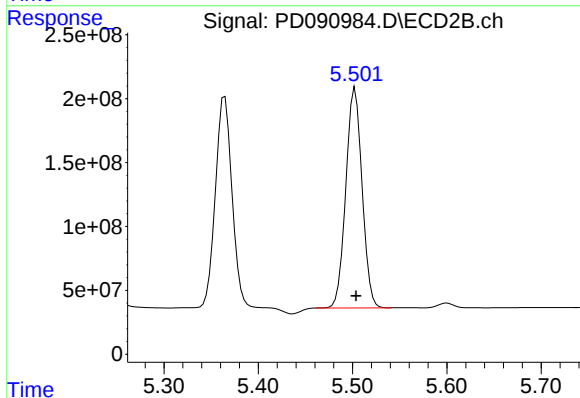
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.005 min
Response: 276842662
Conc: 47.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
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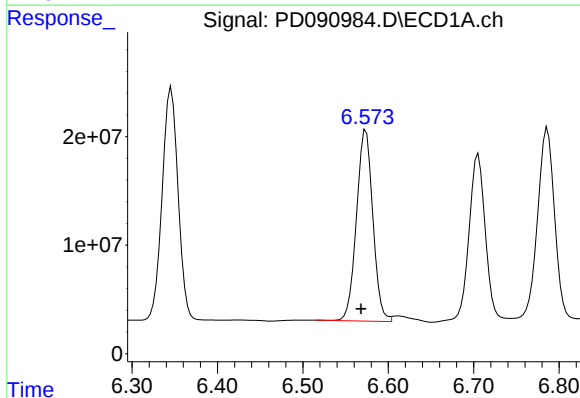
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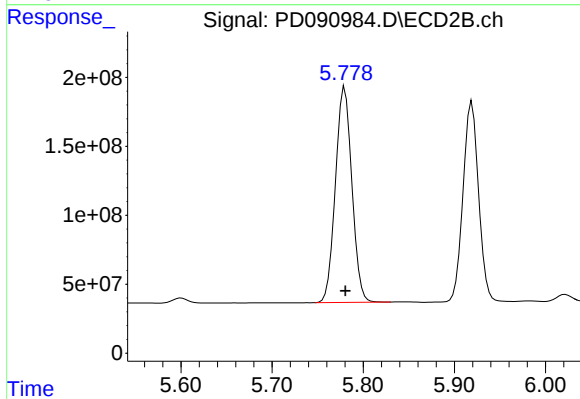
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 2066208968
Conc: 46.76 ng/ml



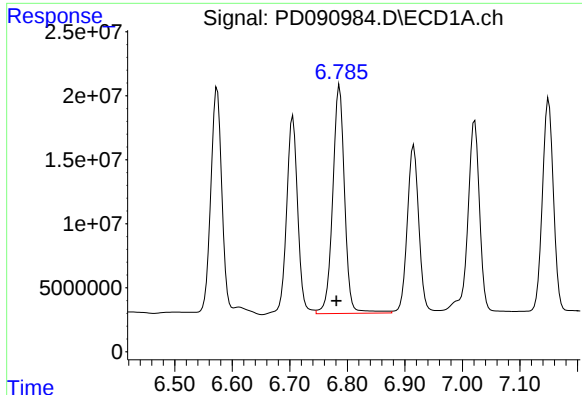
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.006 min
Response: 234447264
Conc: 47.33 ng/ml



#14 Endrin

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 1960088478
Conc: 48.40 ng/ml



#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: 0.005 min
Response: 256177864
Conc: 51.24 ng/ml

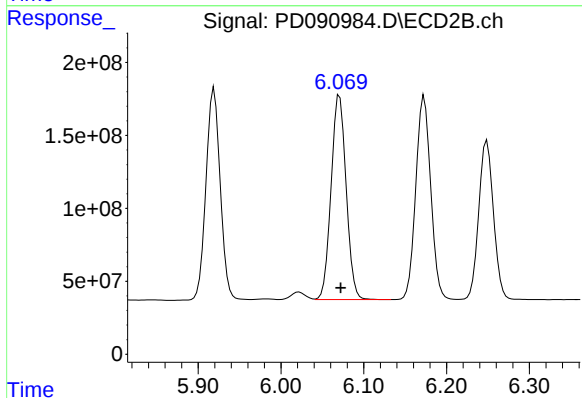
Instrument :

ECD_D

ClientSampleId :
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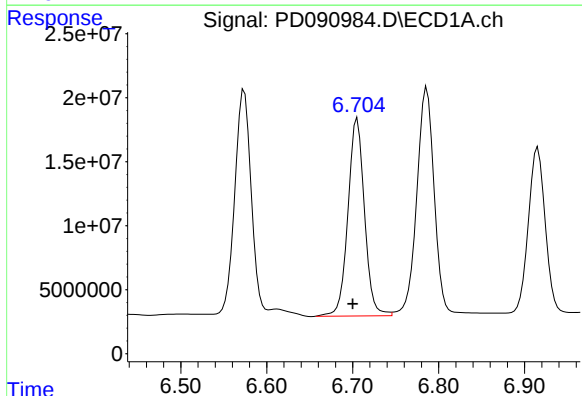
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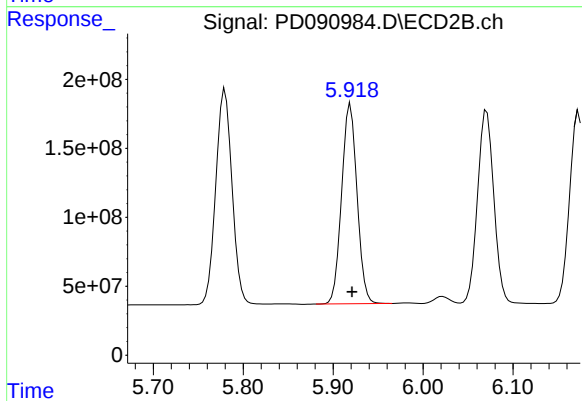
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.001 min
Response: 1769664121
Conc: 47.12 ng/ml



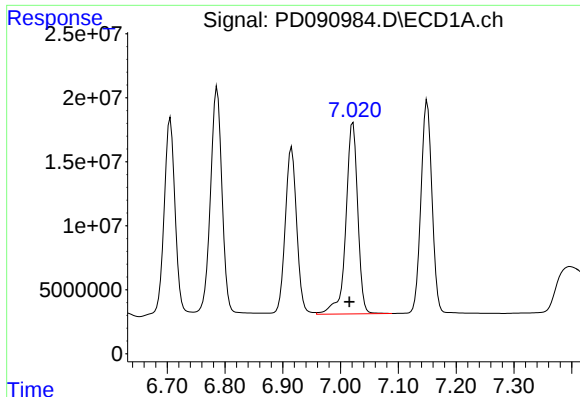
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.005 min
Response: 206993142
Conc: 51.06 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 1729404767
Conc: 47.46 ng/ml



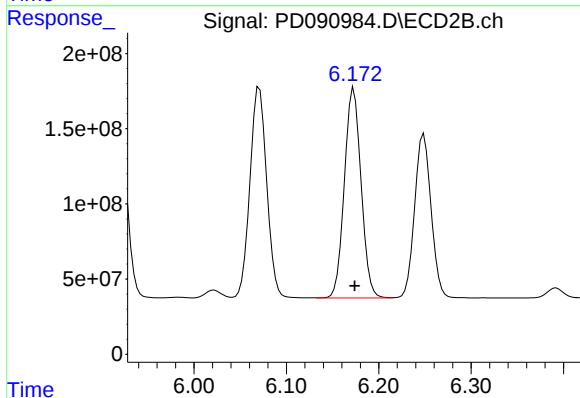
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.006 min
Response: 212445227
Conc: 51.68 ng/ml

Instrument :
ECD_D
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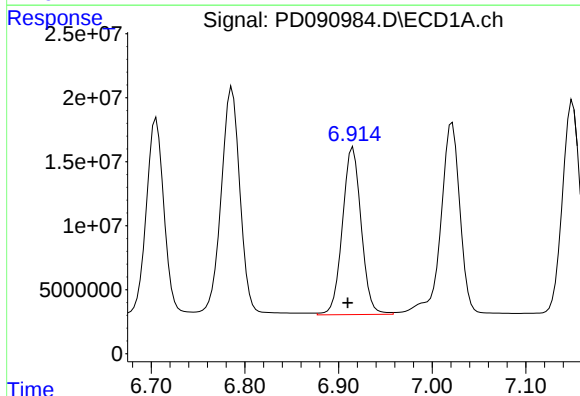
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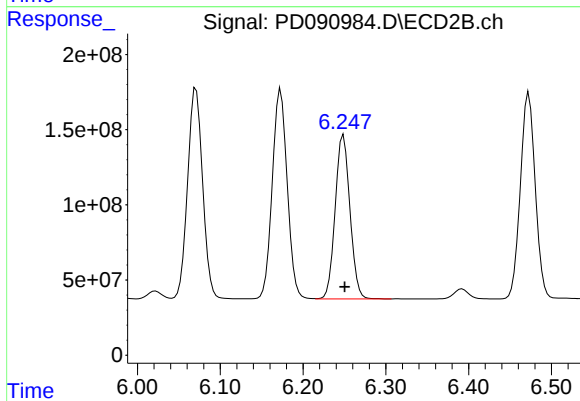
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 1750546427
Conc: 49.91 ng/ml



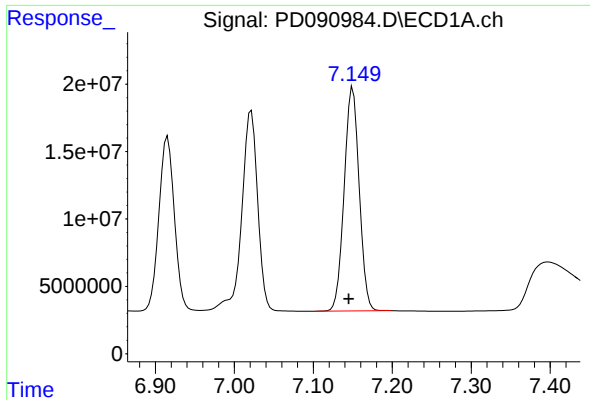
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.006 min
Response: 181904537
Conc: 49.66 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.002 min
Response: 1349991679
Conc: 48.75 ng/ml



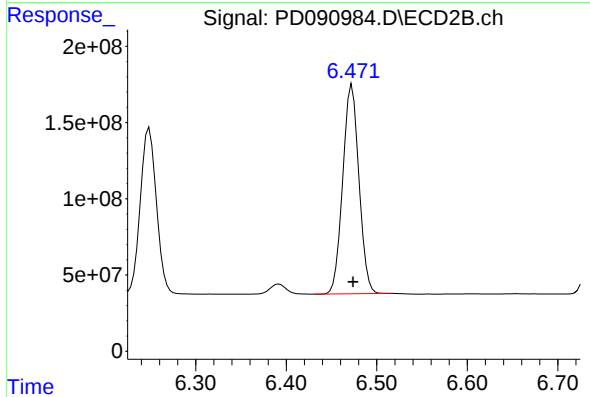
#19 Endosulfan Sulfate

R.T.: 7.150 min
Delta R.T.: 0.005 min
Response: 219615839
Conc: 47.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170400BS

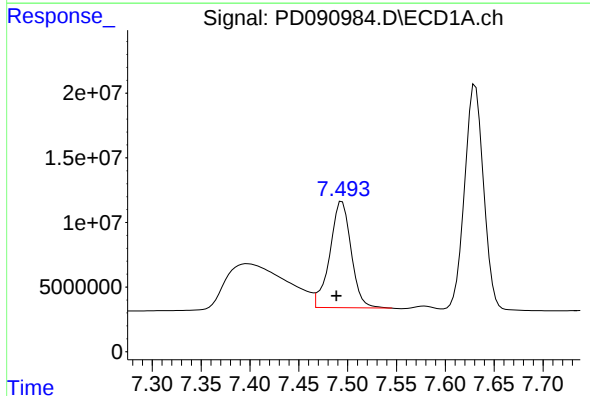
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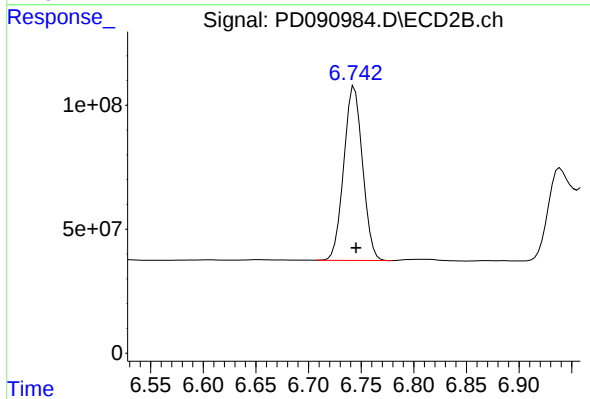
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: -0.001 min
Response: 1705853720
Conc: 47.59 ng/ml



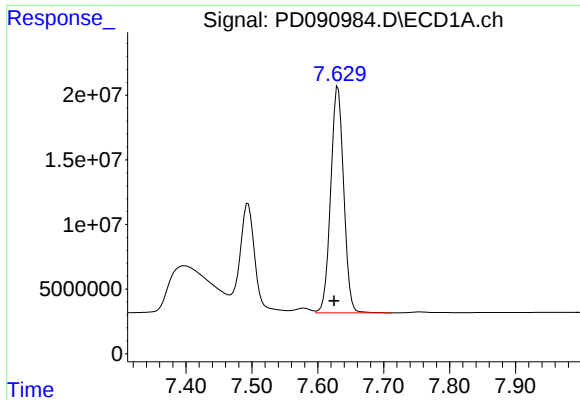
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.005 min
Response: 124405115
Conc: 58.53 ng/ml m



#20 Methoxychlor

R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 874539389
Conc: 50.18 ng/ml



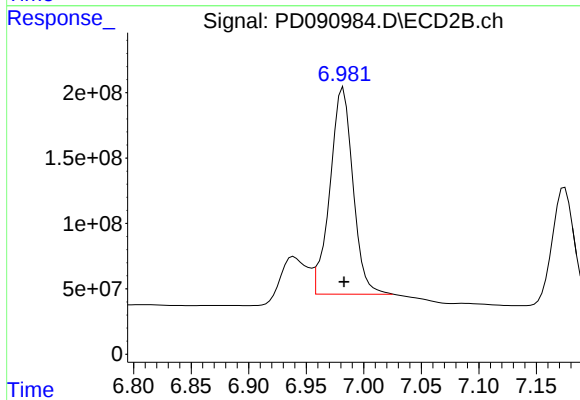
#21 Endrin ketone

R.T.: 7.631 min
Delta R.T.: 0.006 min
Response: 239572699
Conc: 49.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170400BS

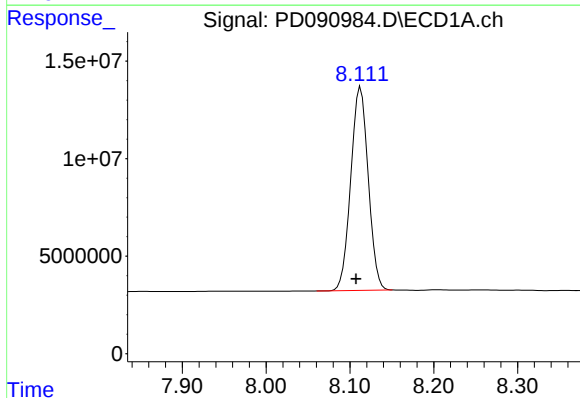
Manual Integrations
APPROVED

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



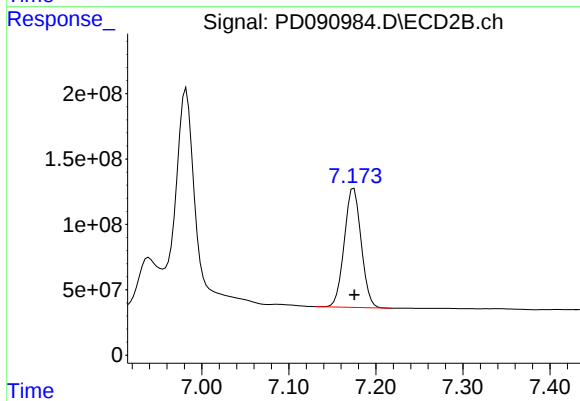
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.002 min
Response: 2179592953
Conc: 57.79 ng/ml m



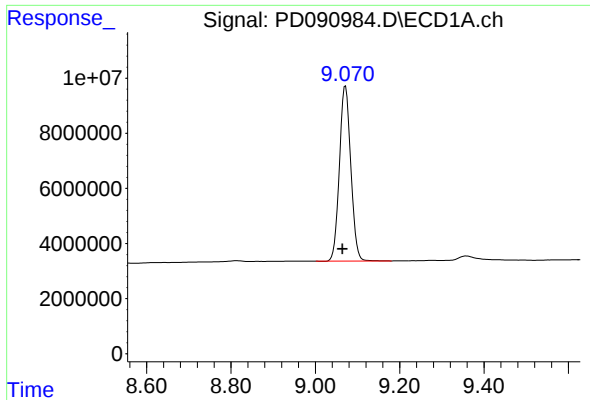
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.005 min
Response: 151158795
Conc: 47.22 ng/ml



#22 Mirex

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 1227298186
Conc: 47.77 ng/ml



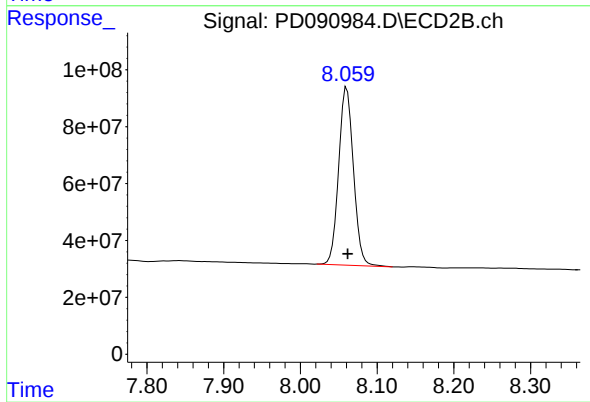
#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.007 min
Response: 118847176
Conc: 25.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170400BS

Manual Integrations
APPROVED

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Supervised By :Yogesh Patel 11/07/2025



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.001 min
Response: 838642004
Conc: 27.69 ng/ml