

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
 Data File : PD090983.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2025 11:57
 Operator : AR\AJ
 Sample : PB170371BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170371BS

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 00:24:02 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	2.873	74711569	755.9E6	23.991	25.387
28)	SA Decachlor...	9.075	8.061	117.0E6	818.6E6	25.014	27.024
Target Compounds							
2)	A alpha-BHC	4.001	3.384	328.7E6	2297.5E6	45.802	44.966
3)	MA gamma-BHC...	4.332	3.721	304.9E6	2101.6E6	44.842	44.479
4)	MA Heptachlor	4.930	4.073	315.6E6	2071.3E6	56.456	46.438
5)	MB Aldrin	5.271	4.358	294.7E6	2051.8E6	45.008	44.297
6)	B beta-BHC	4.520	4.017	114.5E6	866.3E6	43.697	43.686
7)	B delta-BHC	4.768	4.253	311.2E6	2104.7E6	46.022	44.108
8)	B Heptachlo...	5.692	4.863	270.1E6	1866.4E6	46.658	43.772
9)	A Endosulfan I	6.076	5.237	255.2E6	1642.1E6	46.095	41.689
10)	B gamma-Chl...	5.948	5.115	269.6E6	1976.1E6	45.460	43.963
11)	B alpha-Chl...	6.028	5.180	274.5E6	1892.0E6	44.421	43.859
12)	B 4,4'-DDE	6.198	5.364	239.3E6	1964.4E6	44.931	44.809
13)	MA Dieldrin	6.348	5.502	272.1E6	1972.1E6	46.660	44.635
14)	MA Endrin	6.576	5.779	230.4E6	1867.1E6	46.516	46.109
15)	B Endosulfa...	6.787	6.071	238.4E6	1703.9E6	47.684m	45.369
16)	A 4,4'-DDD	6.707	5.919	198.4E6	1667.3E6	48.933m	45.756
17)	MA 4,4'-DDT	7.024	6.173	210.7E6	1690.2E6	51.271	48.190
18)	B Endrin al...	6.918	6.249	179.9E6	1306.6E6	49.128	47.181
19)	B Endosulfa...	7.153	6.473	217.2E6	1644.1E6	46.829	45.868
20)	A Methoxychlor	7.495	6.744	117.6E6	836.7E6	55.329m	48.012
21)	B Endrin ke...	7.633	6.981	238.7E6	2099.3E6	49.124	55.659m
22)	Mirex	8.115	7.175	148.6E6	1171.6E6	46.420	45.605

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

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Acq On : 06 Nov 2025 11:57
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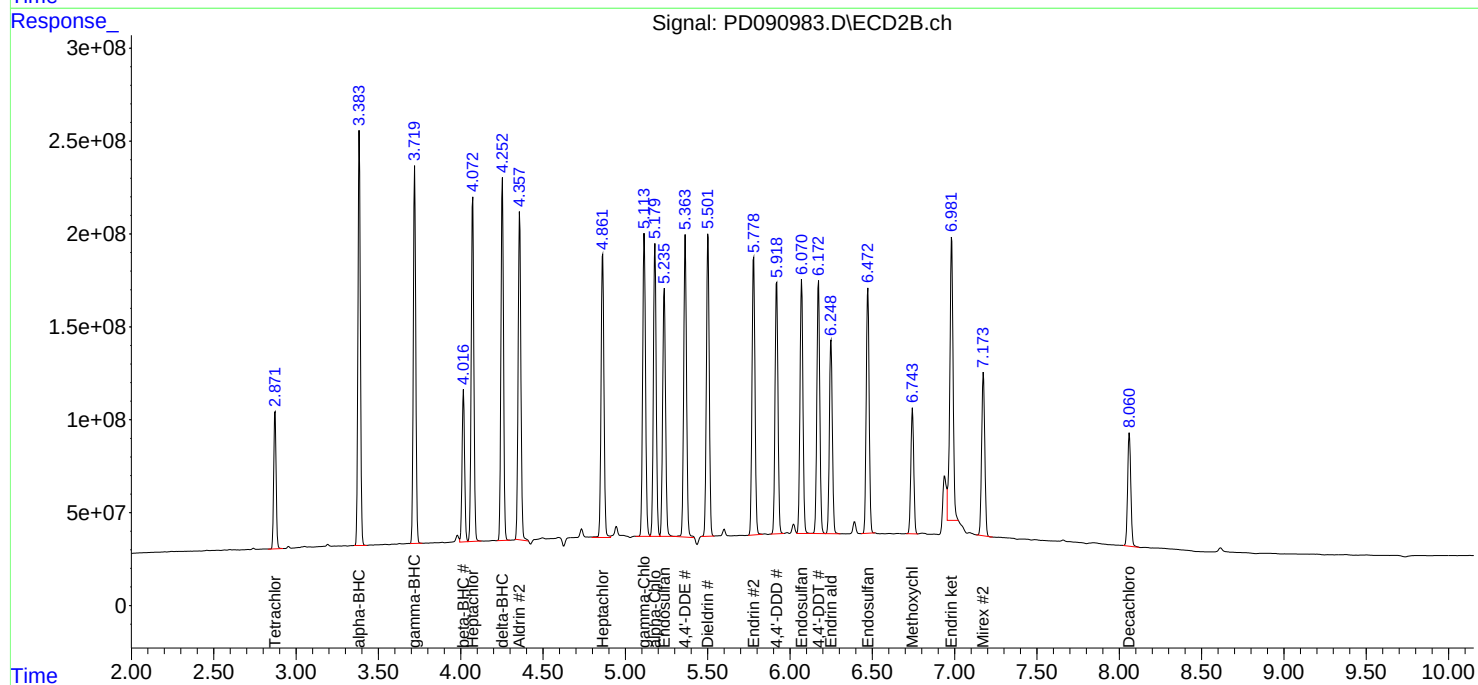
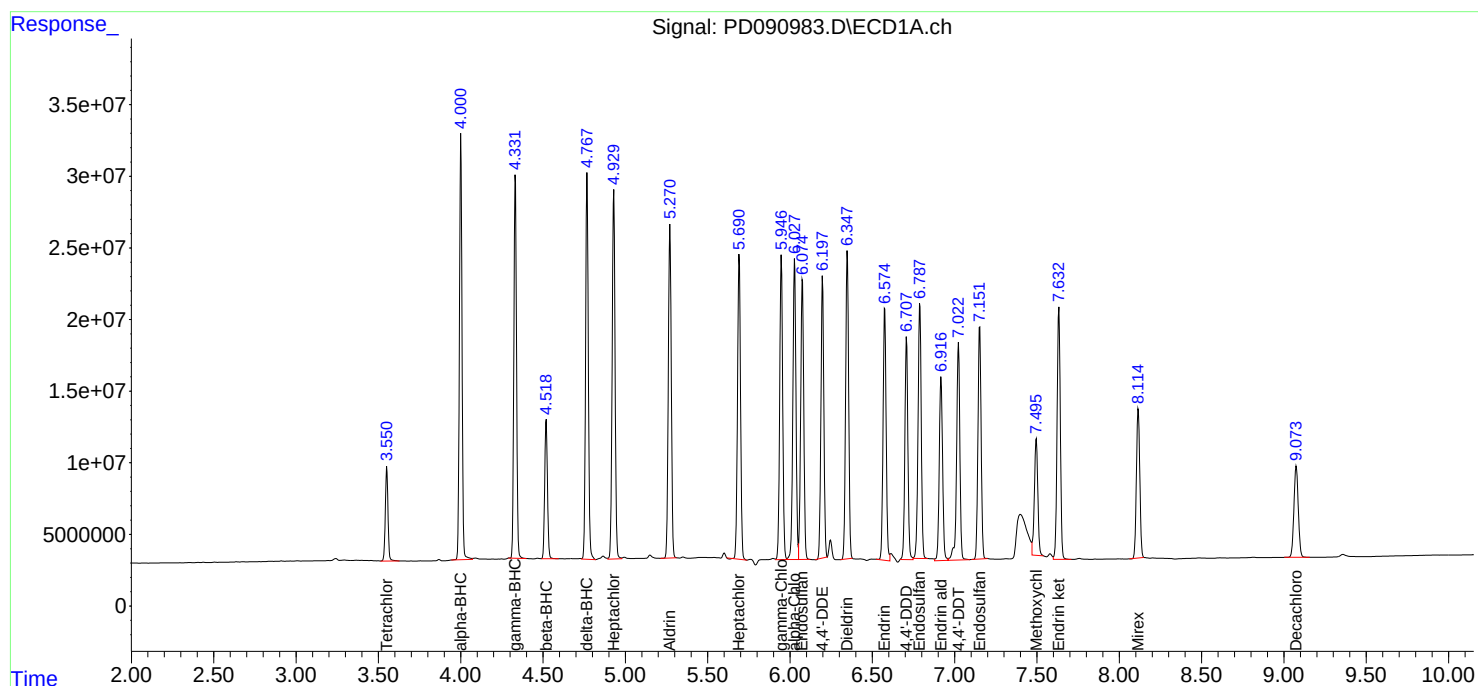
Manual Integrations

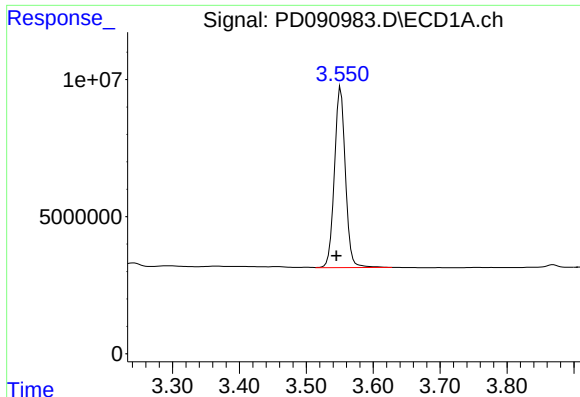
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:24:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
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Signal #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: 74711569
Conc: 23.99 ng/ml

Instrument :

ECD_D

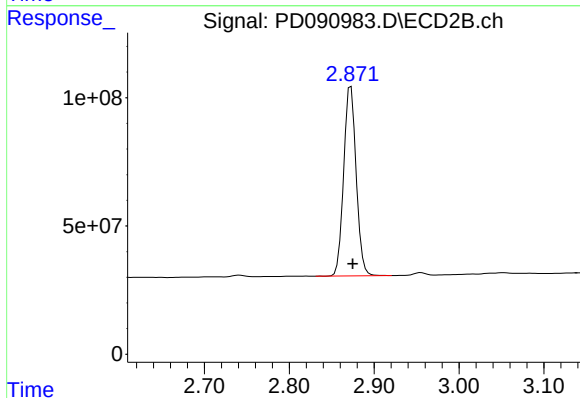
ClientSampleId :

PB170371BS

Manual Integrations

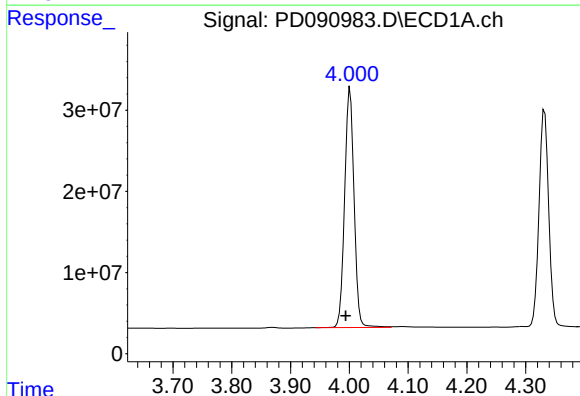
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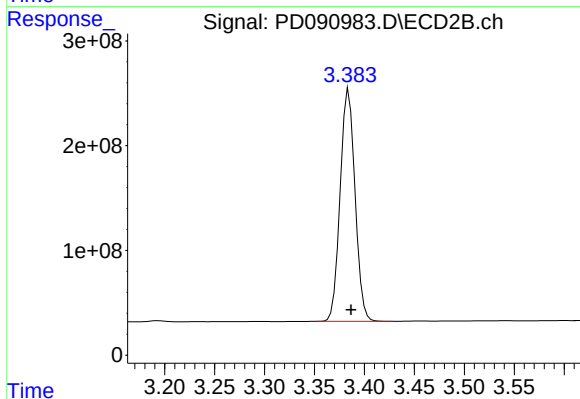
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 755943980
Conc: 25.39 ng/ml



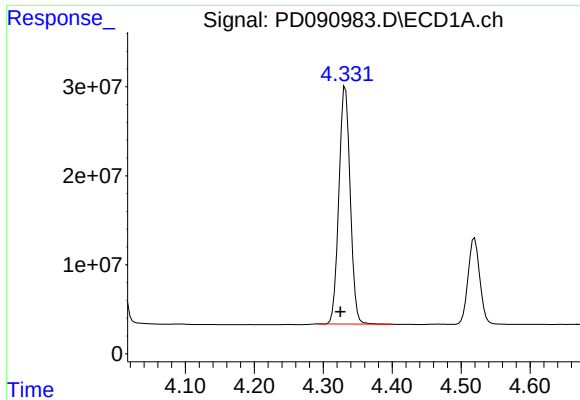
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.007 min
Response: 328729248
Conc: 45.80 ng/ml



#2 alpha-BHC

R.T.: 3.384 min
Delta R.T.: -0.002 min
Response: 2297549295
Conc: 44.97 ng/ml



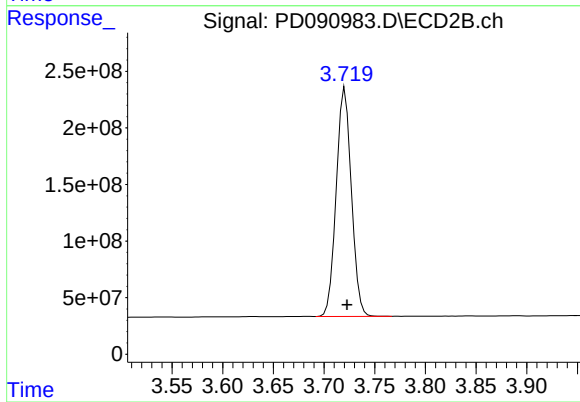
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.007 min
Response: 304872568
Conc: 44.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170371BS

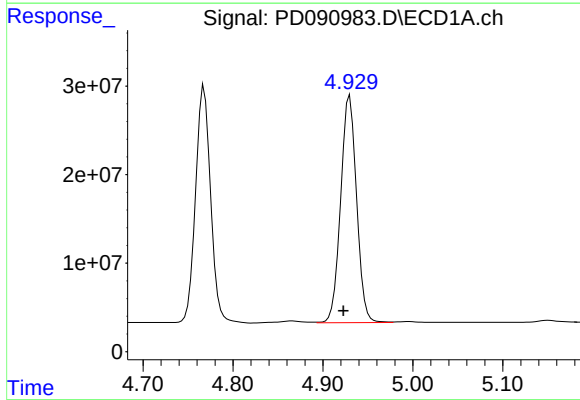
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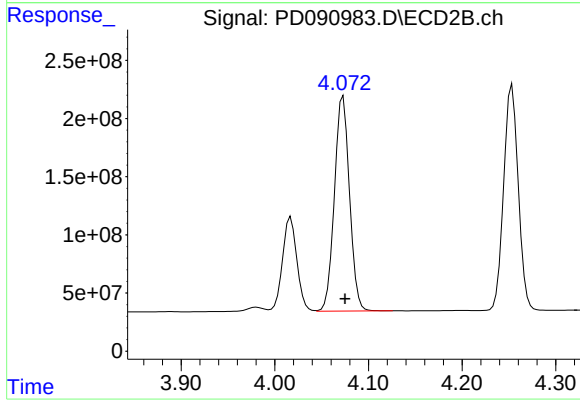
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 2101579946
Conc: 44.48 ng/ml



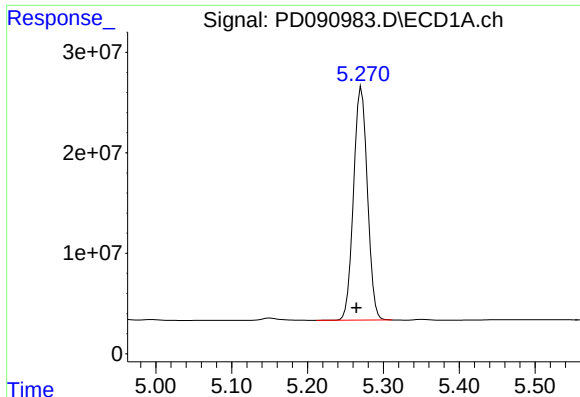
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: 0.007 min
Response: 315566696
Conc: 56.46 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2071257274
Conc: 46.44 ng/ml



#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.007 min
Response: 294676649
Conc: 45.01 ng/ml

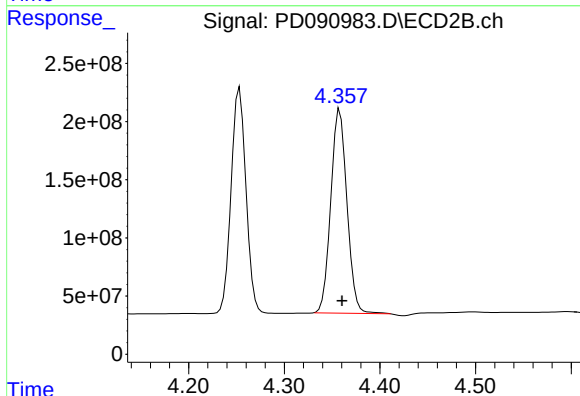
Instrument :

ECD_D

ClientSampleId :
PB170371BS

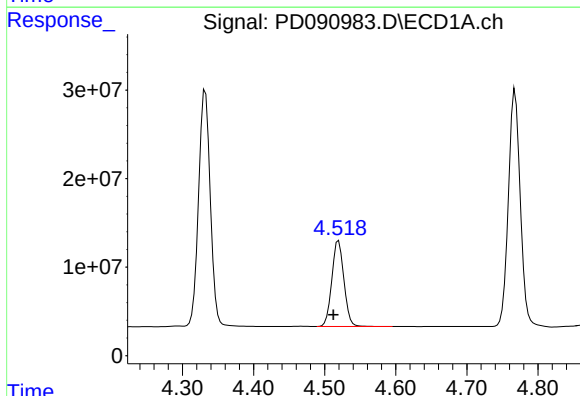
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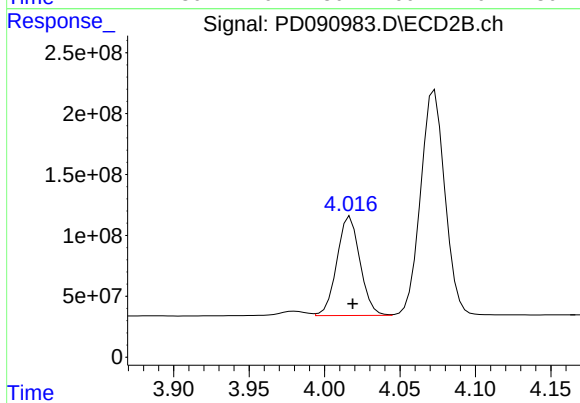
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: -0.002 min
Response: 2051788635
Conc: 44.30 ng/ml



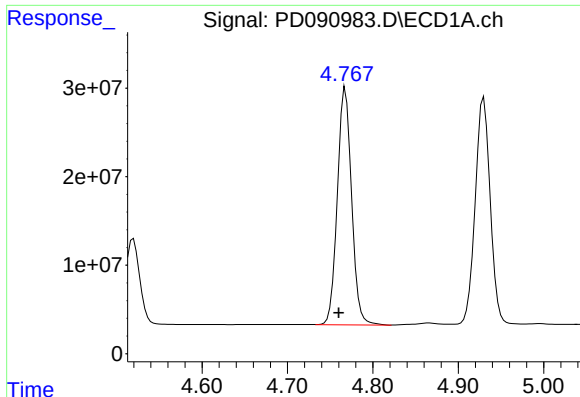
#6 beta-BHC

R.T.: 4.520 min
Delta R.T.: 0.008 min
Response: 114471238
Conc: 43.70 ng/ml



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 866279570
Conc: 43.69 ng/ml



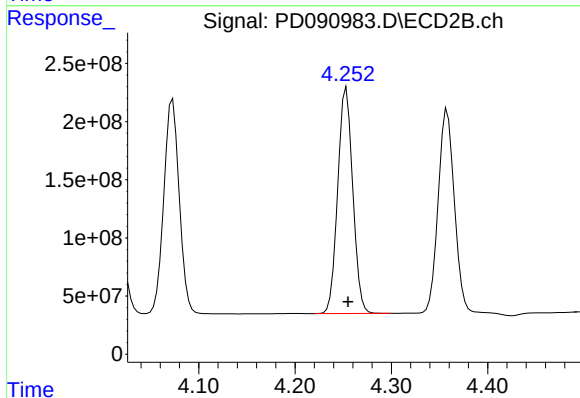
#7 delta-BHC

R.T.: 4.768 min
Delta R.T.: 0.008 min
Response: 311187417
Conc: 46.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170371BS

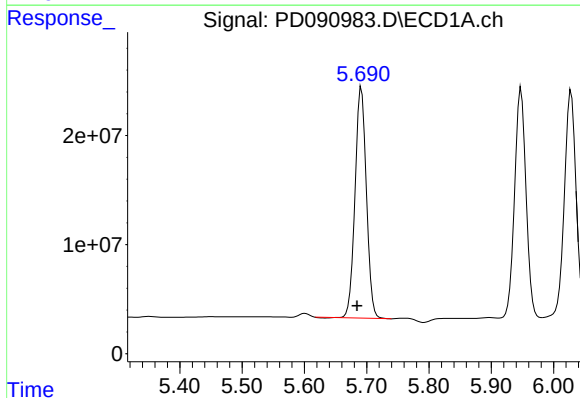
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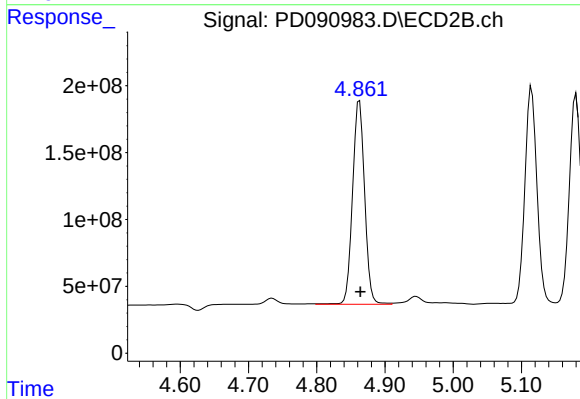
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 2104665670
Conc: 44.11 ng/ml



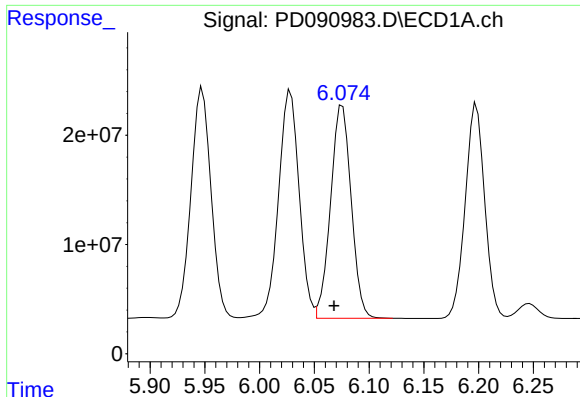
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.007 min
Response: 270107384
Conc: 46.66 ng/ml



#8 Heptachlor epoxide

R.T.: 4.863 min
Delta R.T.: -0.001 min
Response: 1866374461
Conc: 43.77 ng/ml



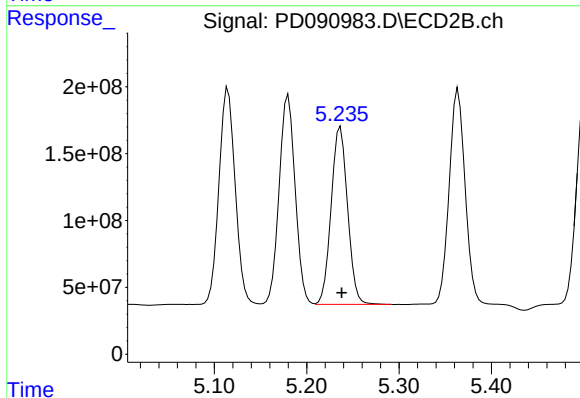
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.008 min
Response: 255211371
Conc: 46.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170371BS

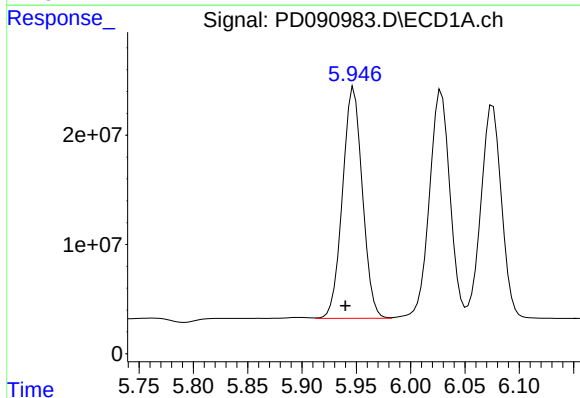
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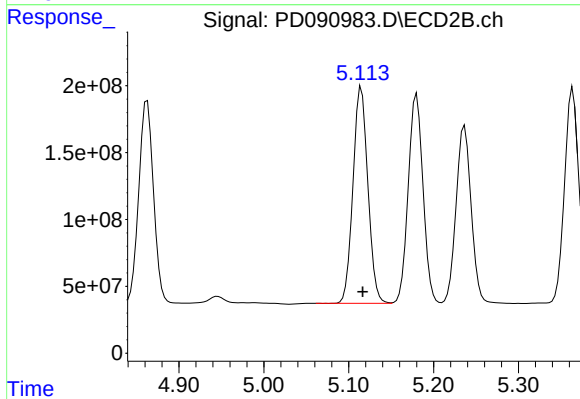
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.001 min
Response: 1642129698
Conc: 41.69 ng/ml



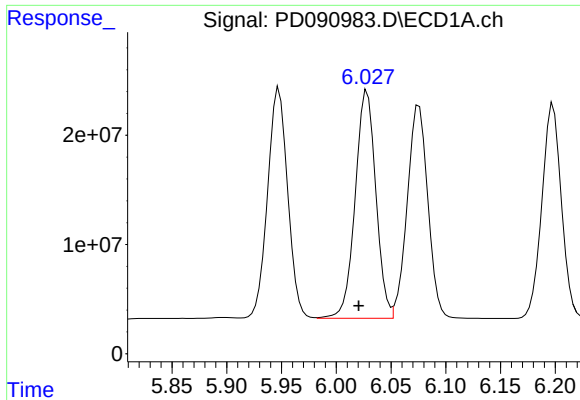
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.008 min
Response: 269632415
Conc: 45.46 ng/ml



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 1976094425
Conc: 43.96 ng/ml



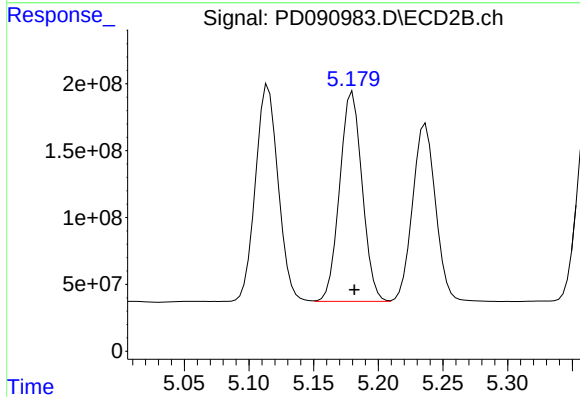
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.008 min
Response: 274532003
Conc: 44.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170371BS

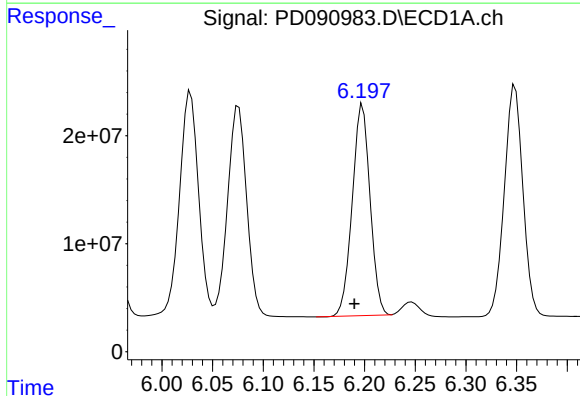
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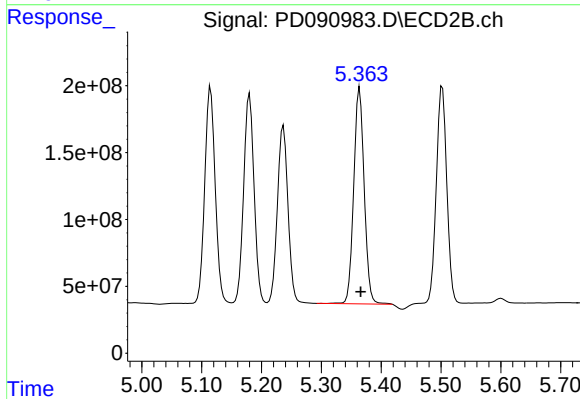
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.001 min
Response: 1891995219
Conc: 43.86 ng/ml



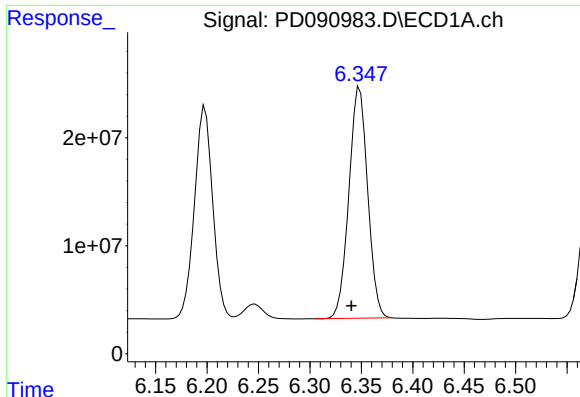
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.008 min
Response: 239330146
Conc: 44.93 ng/ml



#12 4,4'-DDE

R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 1964356449
Conc: 44.81 ng/ml



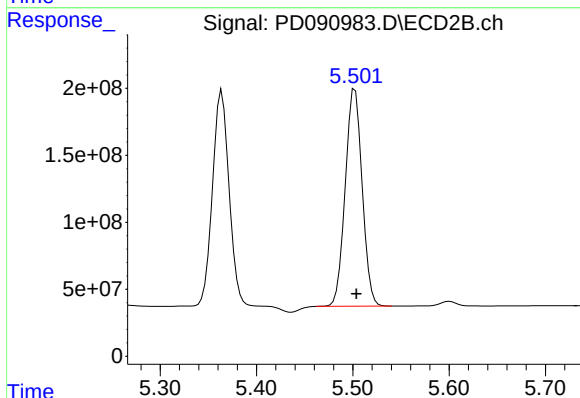
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.008 min
Response: 272089322
Conc: 46.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170371BS

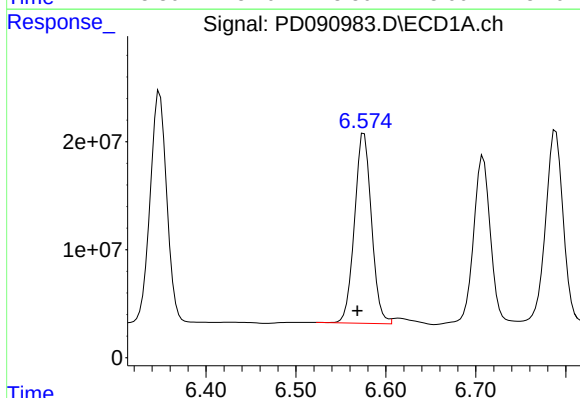
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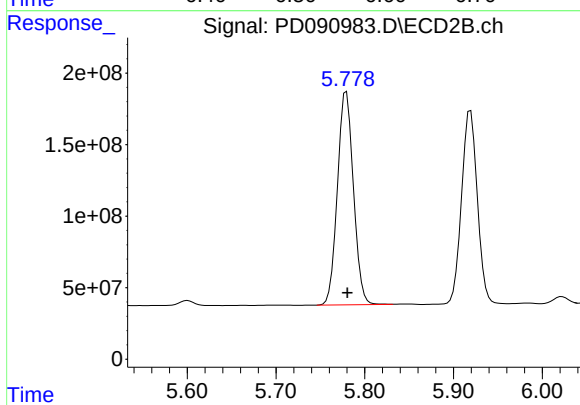
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 1972137462
Conc: 44.63 ng/ml



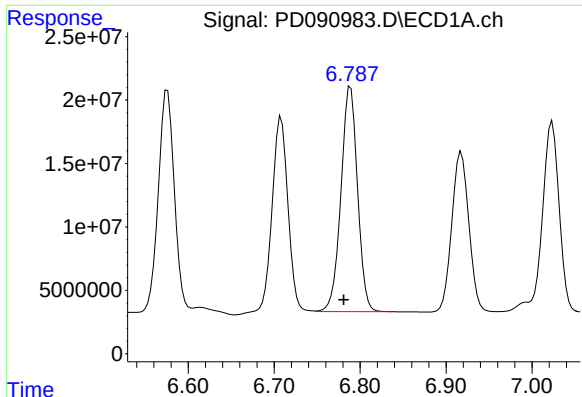
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.008 min
Response: 230424341
Conc: 46.52 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 1867125912
Conc: 46.11 ng/ml



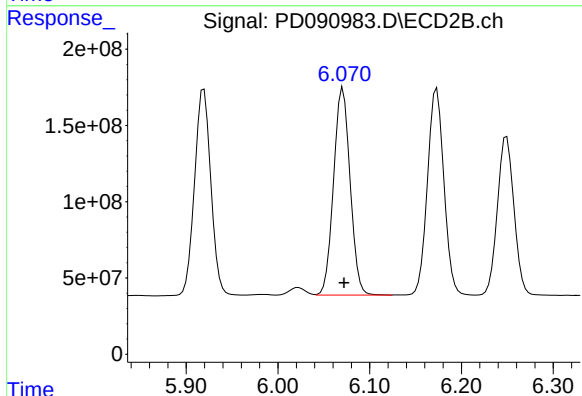
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: 0.007 min
Response: 238418362
Conc: 47.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170371BS

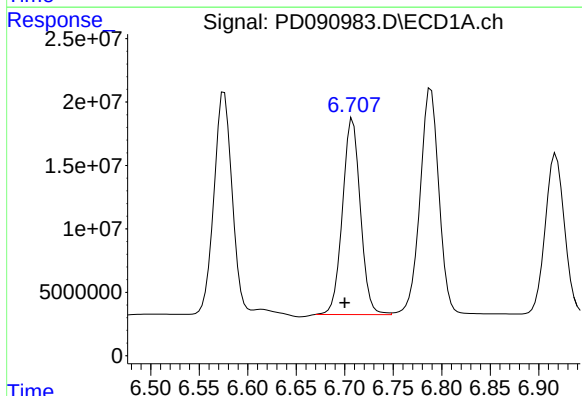
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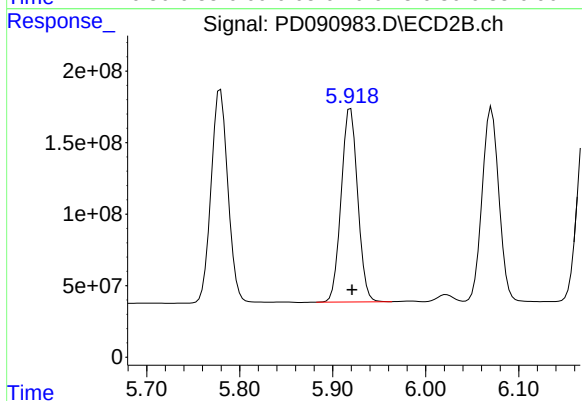
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.001 min
Response: 1703857504
Conc: 45.37 ng/ml



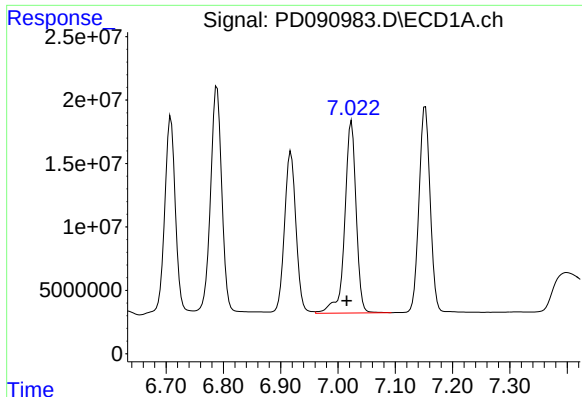
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.007 min
Response: 198383512
Conc: 48.93 ng/ml m



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 1667267132
Conc: 45.76 ng/ml



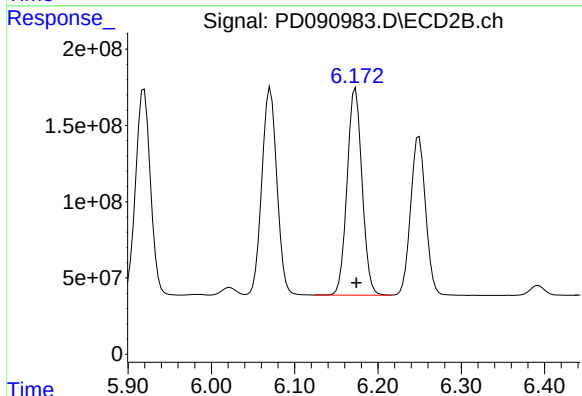
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.008 min
Response: 210747667
Conc: 51.27 ng/ml

Instrument :
ECD_D
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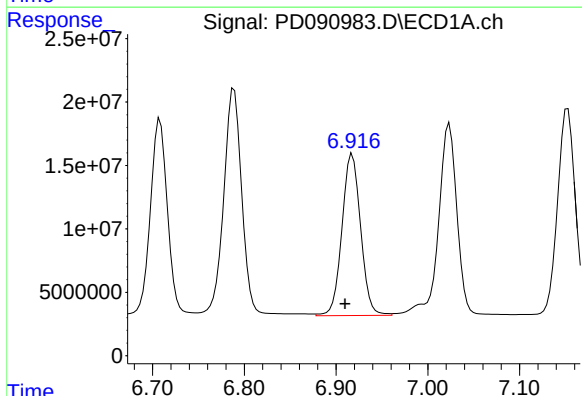
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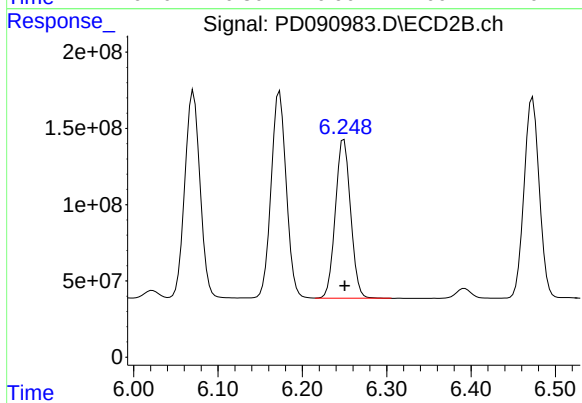
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 1690176594
Conc: 48.19 ng/ml



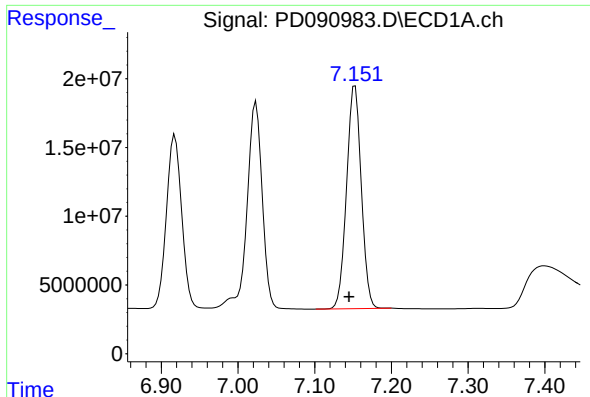
#18 Endrin aldehyde

R.T.: 6.918 min
Delta R.T.: 0.008 min
Response: 179941866
Conc: 49.13 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: 0.000 min
Response: 1306586278
Conc: 47.18 ng/ml



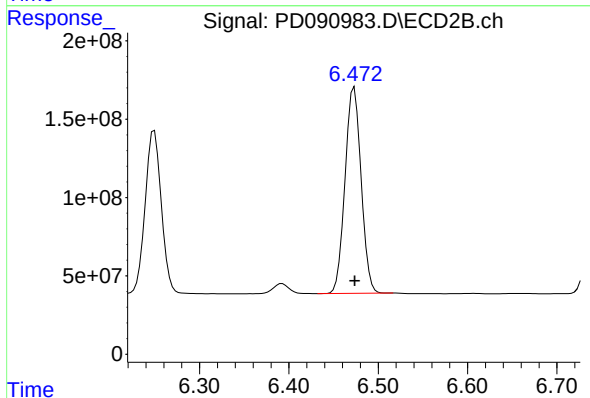
#19 Endosulfan Sulfate

R.T.: 7.153 min
Delta R.T.: 0.008 min
Response: 217204079
Conc: 46.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170371BS

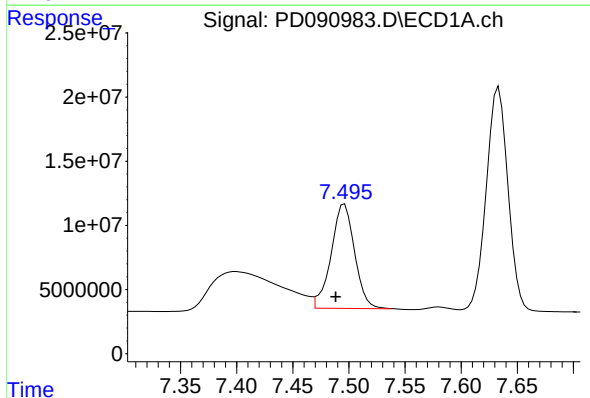
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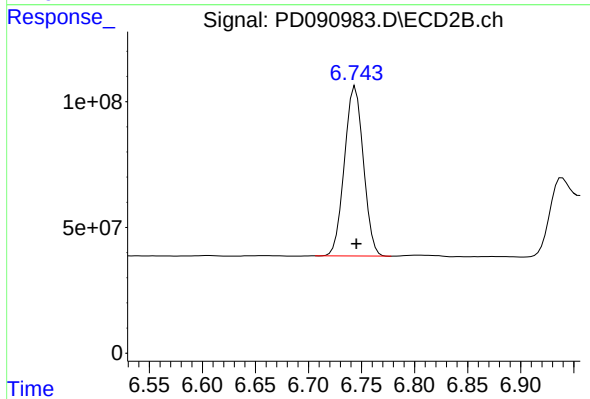
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 1644139597
Conc: 45.87 ng/ml



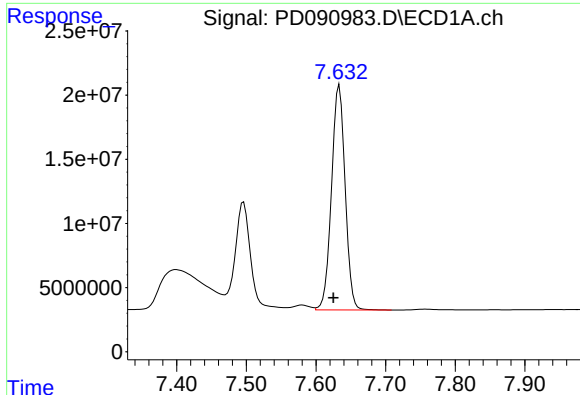
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: 0.006 min
Response: 117606881
Conc: 55.33 ng/ml m



#20 Methoxychlor

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 836749349
Conc: 48.01 ng/ml



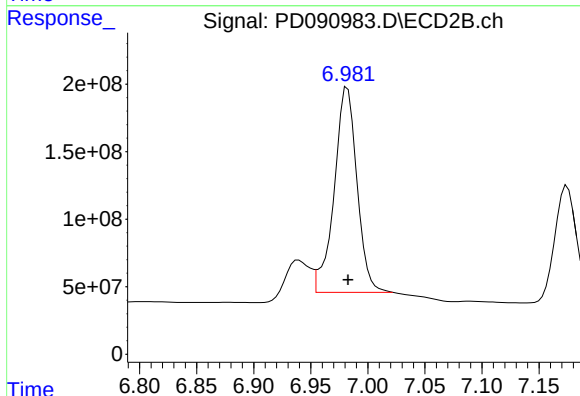
#21 Endrin ketone

R.T.: 7.633 min
Delta R.T.: 0.009 min
Response: 238685090
Conc: 49.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170371BS

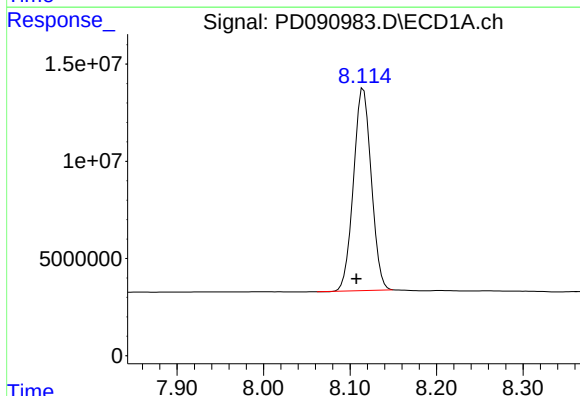
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APPROVED

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



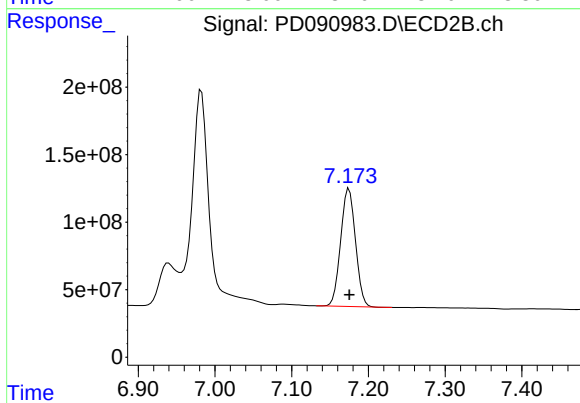
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.002 min
Response: 2099320879
Conc: 55.66 ng/ml m



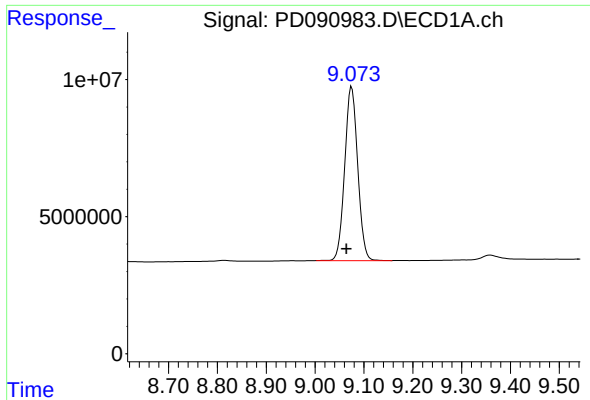
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.008 min
Response: 148584568
Conc: 46.42 ng/ml



#22 Mirex

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 1171636489
Conc: 45.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: 0.011 min
Response: 117016230
Conc: 25.01 ng/ml

Instrument :

ECD_D

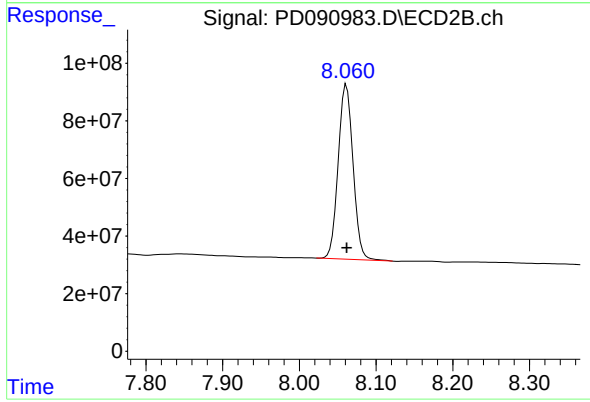
ClientSampleId :

PB170371BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 818584711
Conc: 27.02 ng/ml