

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110525\
 Data File : PD090974.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Nov 2025 13:45
 Operator : AR\AJ
 Sample : Q3532-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2025
 Supervised By :mohammad ahmed 11/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 06 00:13:38 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...	3.543	2.874	57665568	591.8E6	18.517m	19.875
28)	SA Decachlor...	9.066	8.060	68977482	469.4E6	14.745	15.497
Target Compounds							
2)	A alpha-BHC	3.994	3.386	380.8E6	2695.1E6	53.058	52.745
3)	MA gamma-BHC...	4.325	3.722	349.4E6	2461.4E6	51.397	52.094
4)	MA Heptachlor	4.923	4.074	362.6E6	2454.7E6	64.873	55.034
5)	MB Aldrin	5.264	4.359	336.1E6	2386.5E6	51.338	51.522
6)	B beta-BHC	4.512	4.018	133.2E6	1022.6E6	50.866	51.570
7)	B delta-BHC	4.760	4.254	361.8E6	2472.8E6	53.511	51.824
8)	B Heptachlo...	5.685	4.863	305.2E6	2184.7E6	52.722	51.237
9)	A Endosulfan I	6.068	5.237	288.6E6	2045.0E6	52.127	51.916
10)	B gamma-Chl...	5.940	5.115	302.3E6	2314.2E6	50.974	51.485
11)	B alpha-Chl...	6.021	5.180	315.7E6	2229.2E6	51.080	51.676
12)	B 4,4'-DDE	6.190	5.365	278.3E6	2289.2E6	52.245	52.218
13)	MA Dieldrin	6.341	5.503	308.5E6	2309.7E6	52.897	52.275
14)	MA Endrin	6.568	5.779	264.2E6	2203.1E6	53.338	54.405
15)	B Endosulfa...	6.782	6.071	247.9E6	2006.7E6	49.582	53.432
16)	A 4,4'-DDD	6.700	5.919	220.9E6	1808.0E6	54.482	49.618
17)	MA 4,4'-DDT	7.016	6.173	239.0E6	2007.6E6	58.149	57.242
18)	B Endrin al...	6.910	6.249	187.6E6	1447.5E6	51.223	52.271
19)	B Endosulfa...	7.145	6.473	238.7E6	1915.1E6	51.464	53.426
20)	A Methoxychlor	7.489	6.743	131.0E6	979.3E6	61.610	56.191
21)	B Endrin ke...	7.626	6.981	259.5E6	2021.8E6	53.403	53.602
22)	Mirex	8.108	7.174	156.3E6	1289.9E6	48.820	50.207

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

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Data File : PD090974.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2025 13:45
Operator : AR\AJ
Sample : Q3532-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

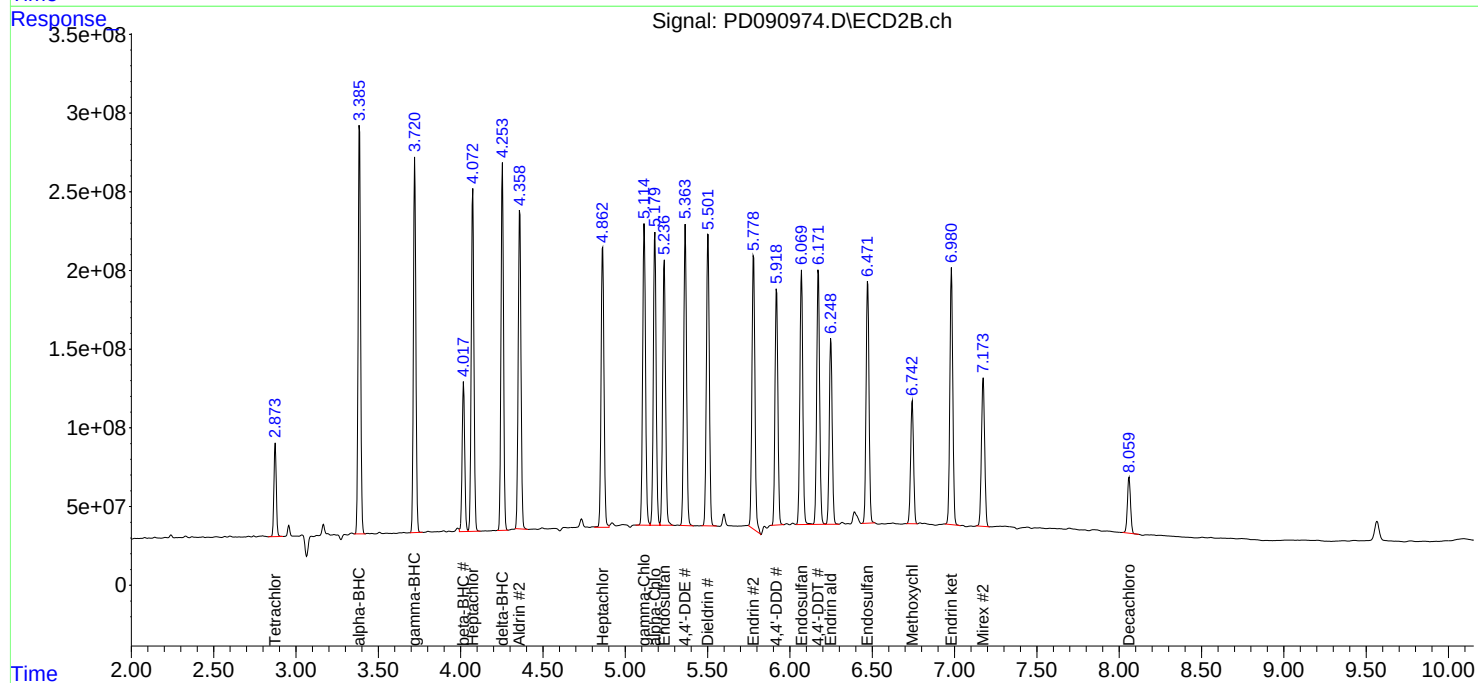
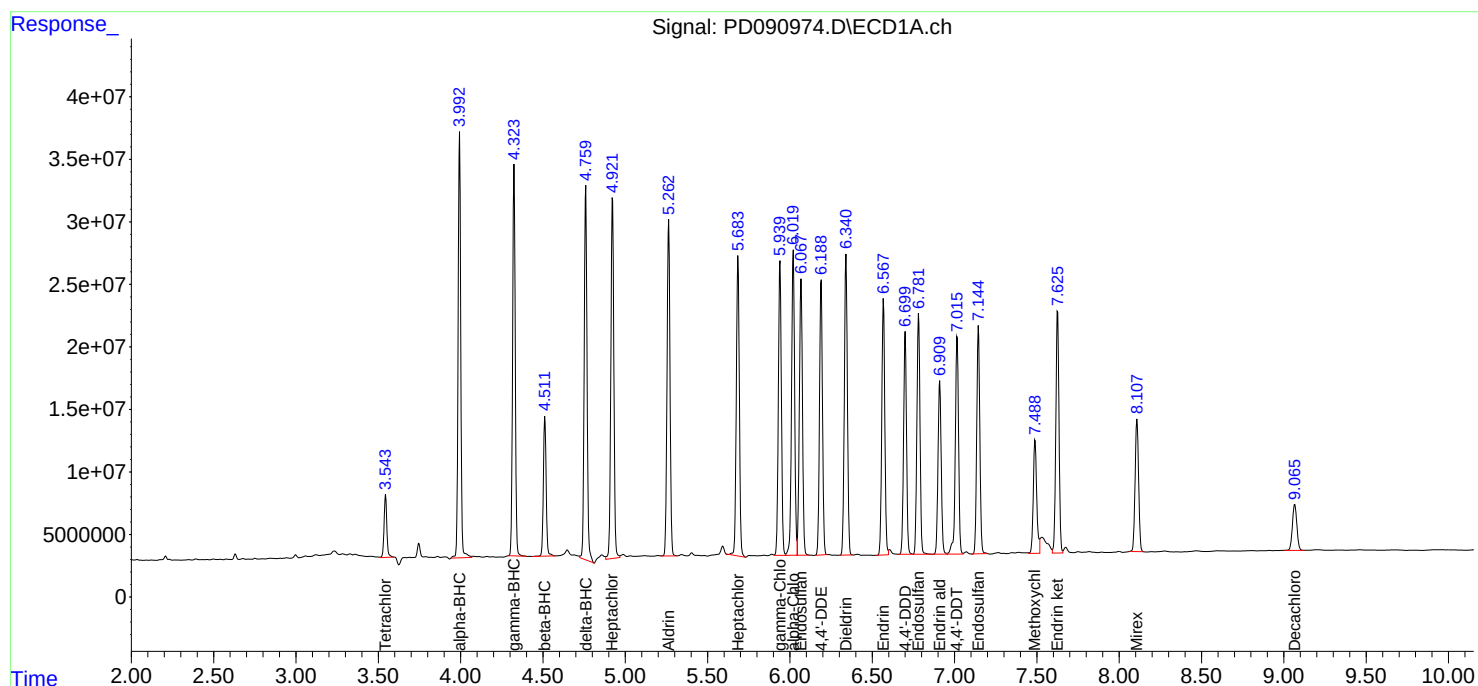
Instrument :
ECD_D
ClientSampleId :
TP-1MSD

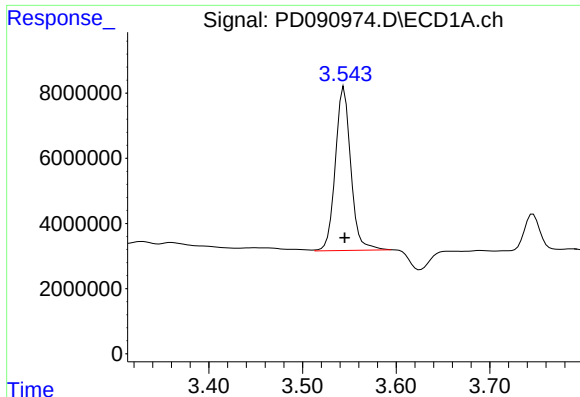
Manual Integrations
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Supervised By :mohammad ahmed 11/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 00:13:38 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





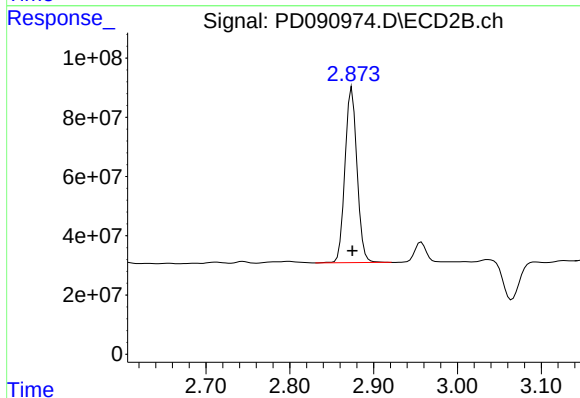
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 57665568
Conc: 18.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

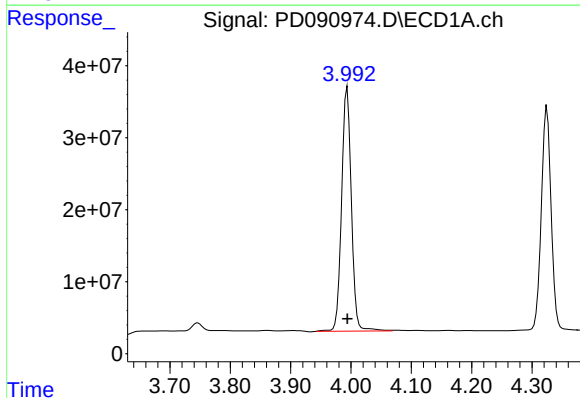
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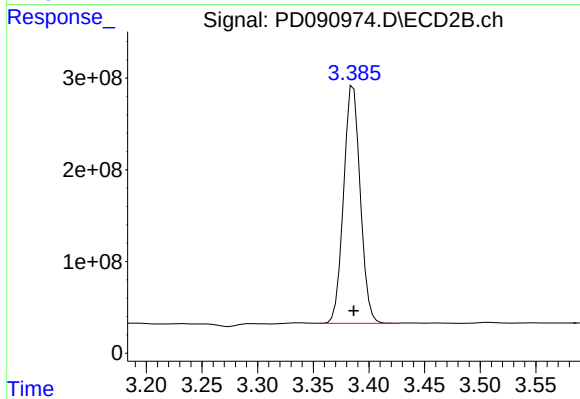
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 591816100
Conc: 19.87 ng/ml



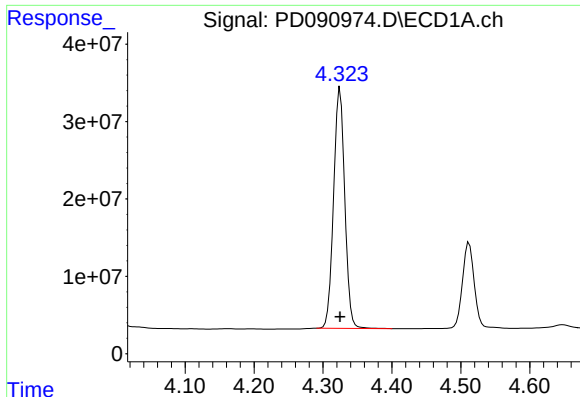
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 380803506
Conc: 53.06 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 2695062720
Conc: 52.75 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 349440921
Conc: 51.40 ng/ml

Instrument :

ECD_D

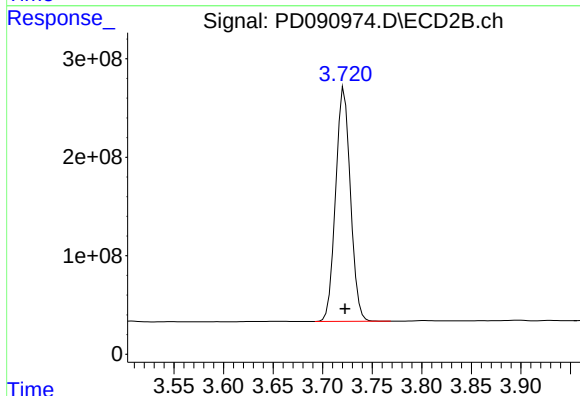
ClientSampleId :

TP-1MSD

Manual Integrations

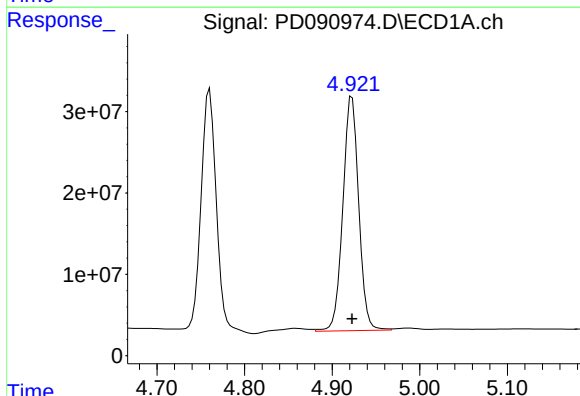
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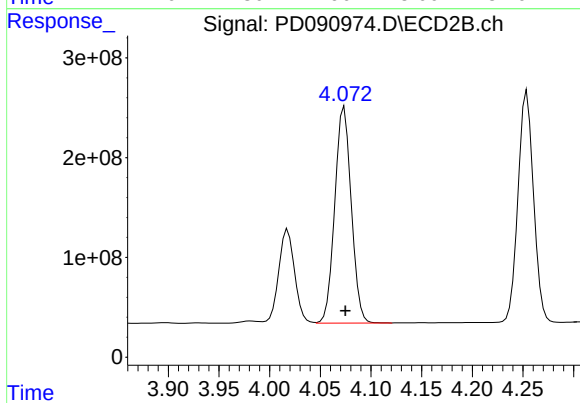
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 2461400081
Conc: 52.09 ng/ml



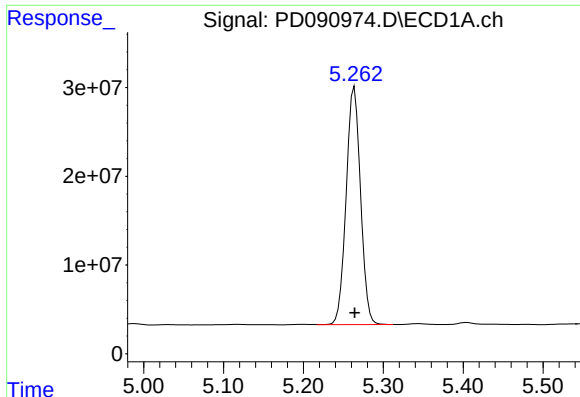
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 362609380
Conc: 64.87 ng/ml



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: -0.001 min
Response: 2454694240
Conc: 55.03 ng/ml



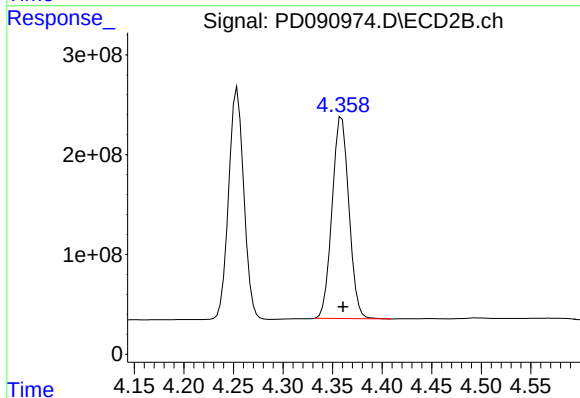
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 336124424
Conc: 51.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

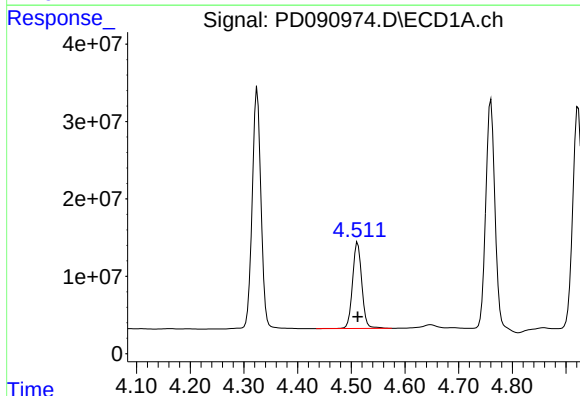
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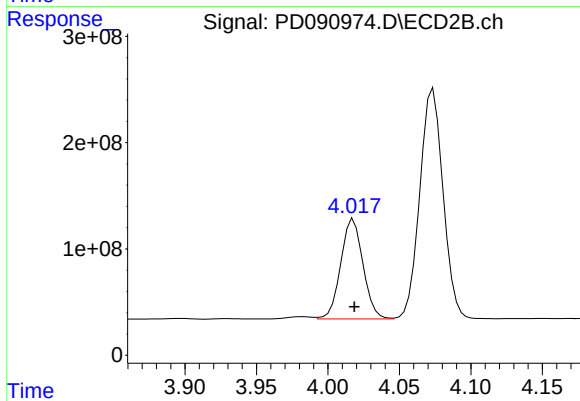
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.001 min
Response: 2386454342
Conc: 51.52 ng/ml



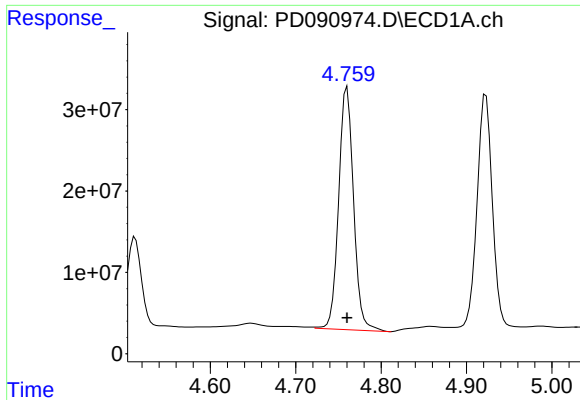
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 133249030
Conc: 50.87 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 1022602915
Conc: 51.57 ng/ml



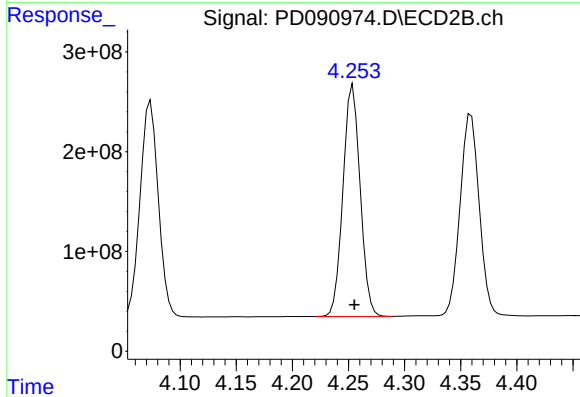
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 361825022
Conc: 53.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

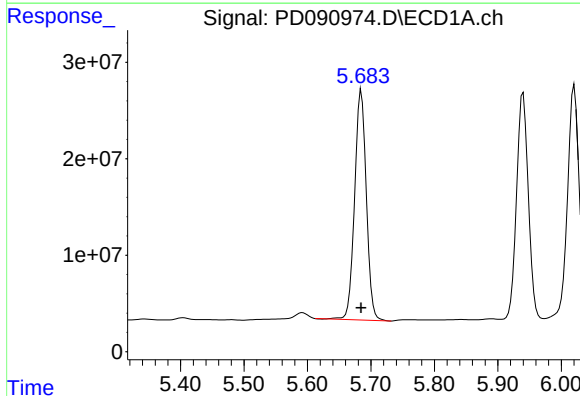
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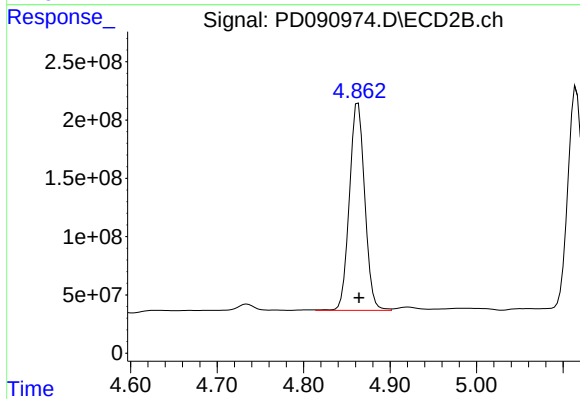
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.001 min
Response: 2472846404
Conc: 51.82 ng/ml



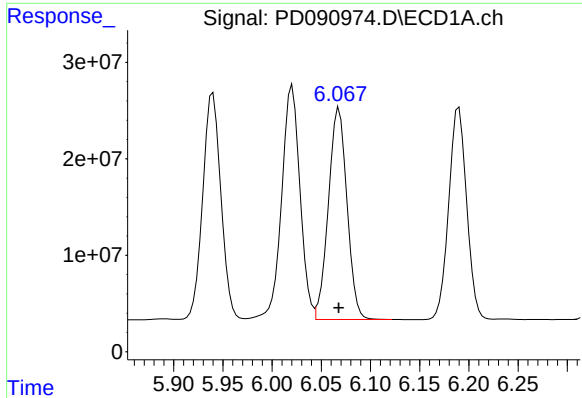
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 305211852
Conc: 52.72 ng/ml



#8 Heptachlor epoxide

R.T.: 4.863 min
Delta R.T.: -0.001 min
Response: 2184685403
Conc: 51.24 ng/ml



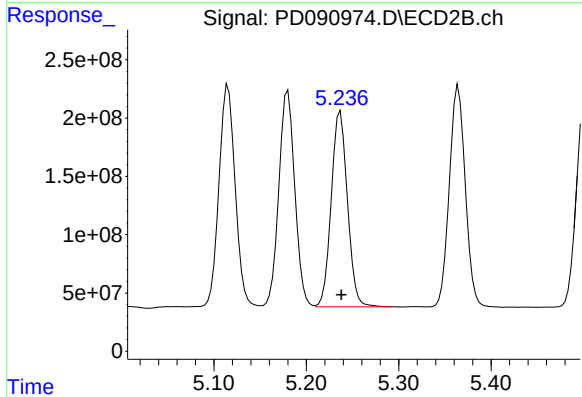
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 288606495
Conc: 52.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

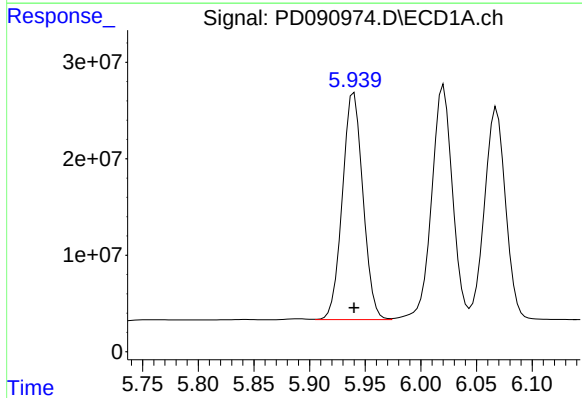
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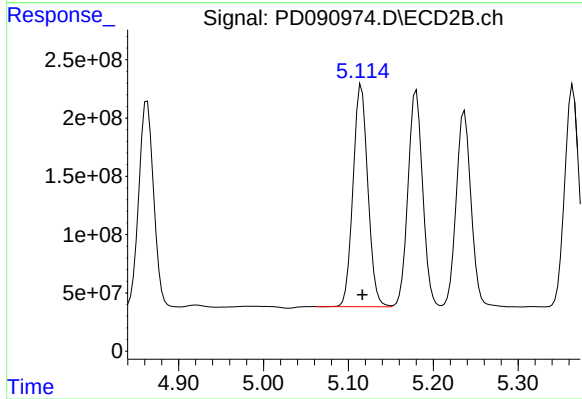
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.001 min
Response: 2044988905
Conc: 51.92 ng/ml



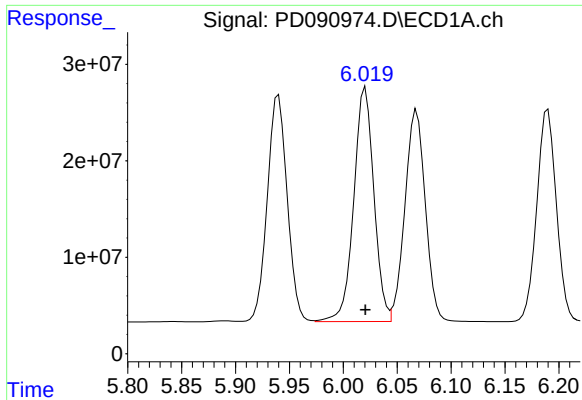
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 302335479
Conc: 50.97 ng/ml



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.001 min
Response: 2314204420
Conc: 51.49 ng/ml



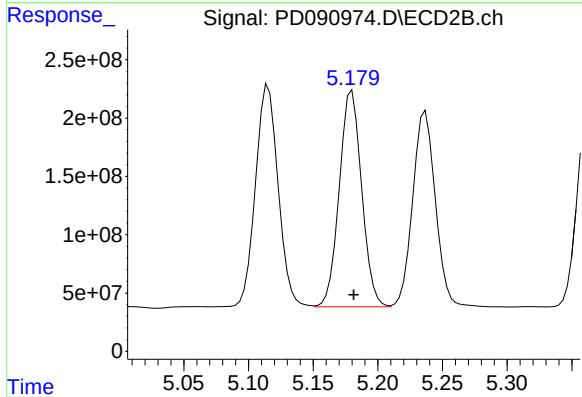
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 315688814
Conc: 51.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

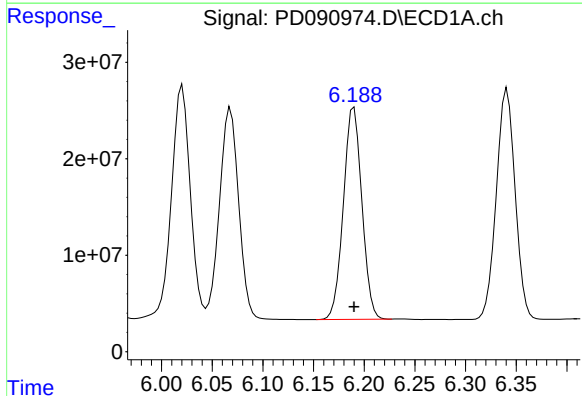
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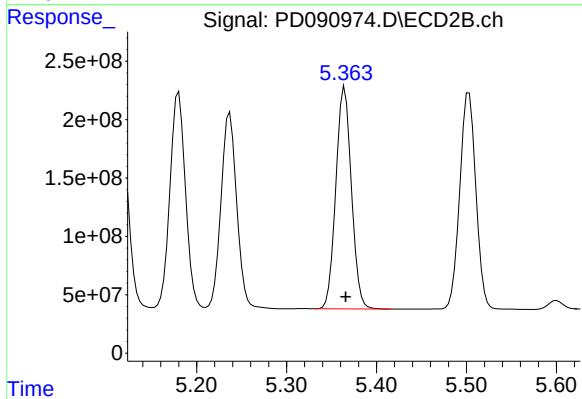
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.001 min
Response: 2229181244
Conc: 51.68 ng/ml



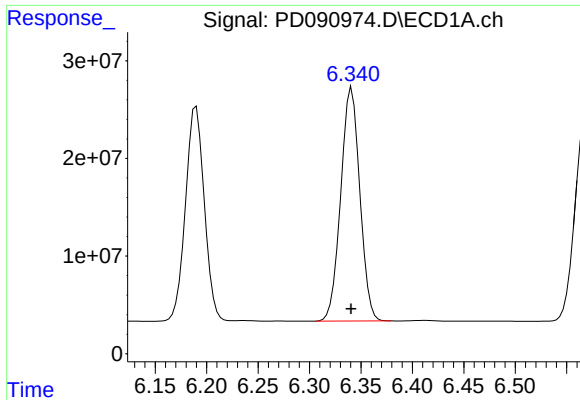
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 278292528
Conc: 52.25 ng/ml



#12 4,4'-DDE

R.T.: 5.365 min
Delta R.T.: -0.001 min
Response: 2289150670
Conc: 52.22 ng/ml



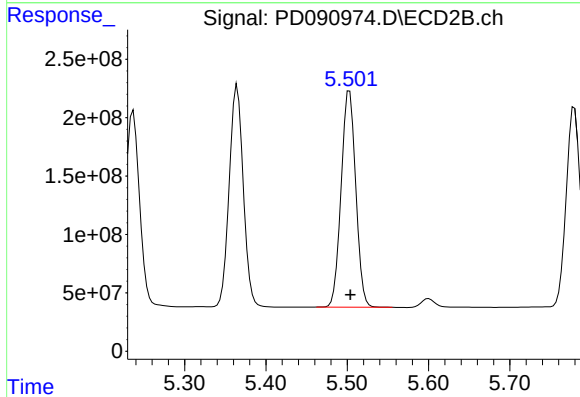
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 308461529
Conc: 52.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

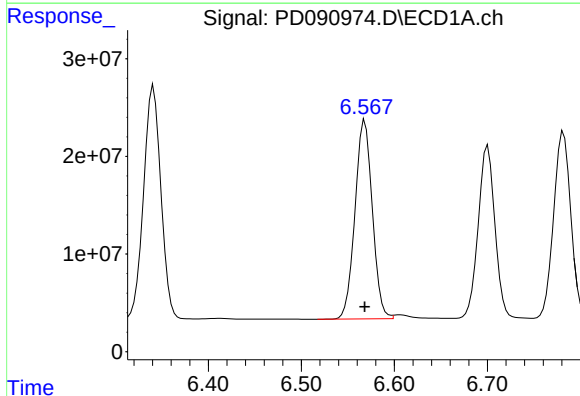
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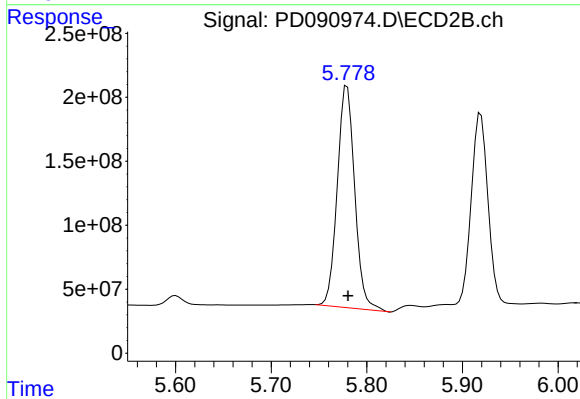
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 2309733909
Conc: 52.28 ng/ml



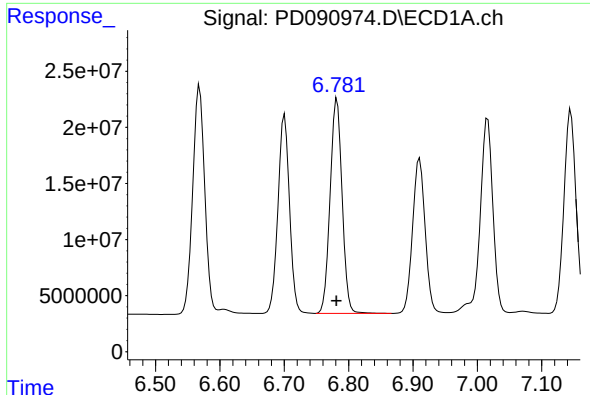
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 264222852
Conc: 53.34 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 2203092649
Conc: 54.41 ng/ml



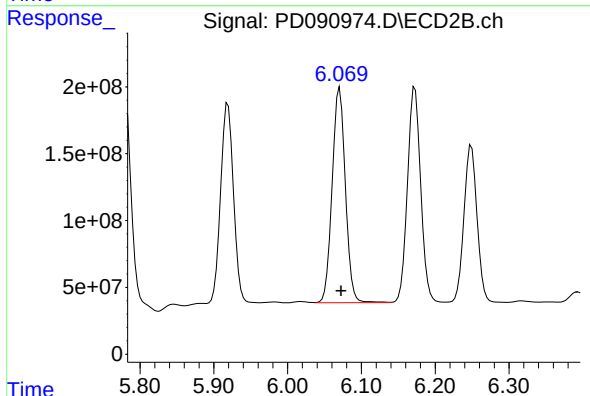
#15 Endosulfan II

R.T.: 6.782 min
Delta R.T.: 0.001 min
Response: 247907011
Conc: 49.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

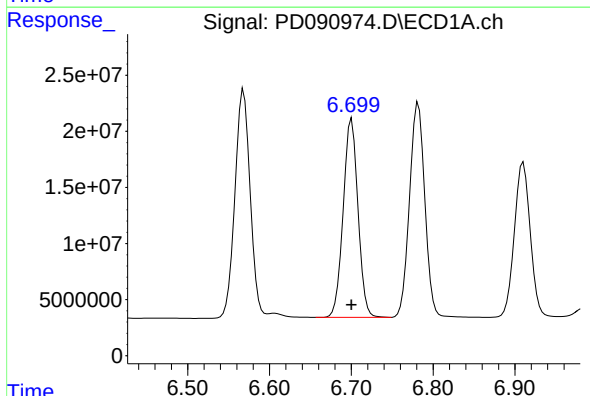
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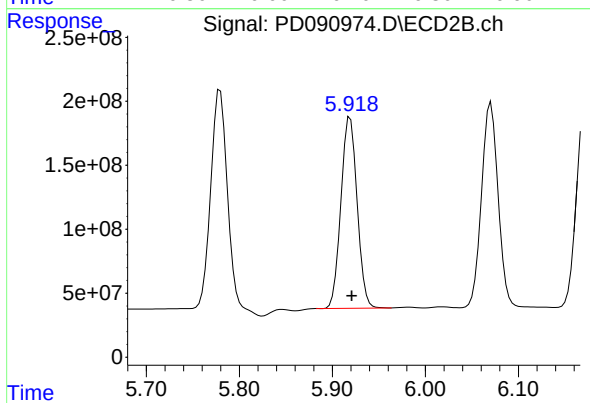
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 2006655187
Conc: 53.43 ng/ml



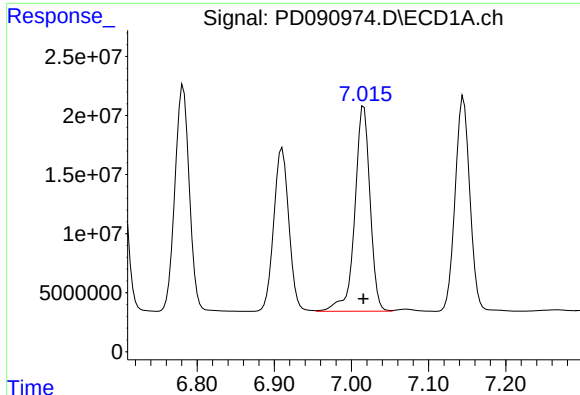
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 220880795
Conc: 54.48 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 1807986227
Conc: 49.62 ng/ml



#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 239019261
Conc: 58.15 ng/ml

Instrument :

ECD_D

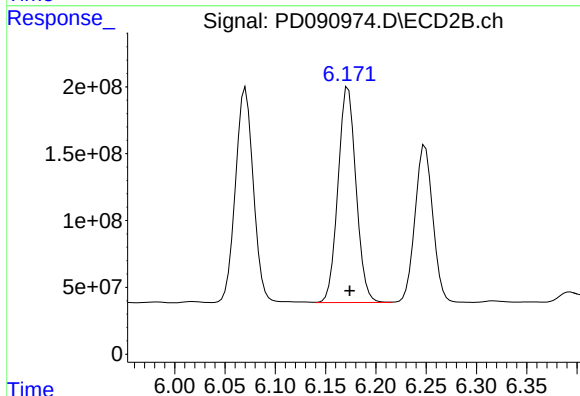
ClientSampleId :

TP-1MSD

Manual Integrations

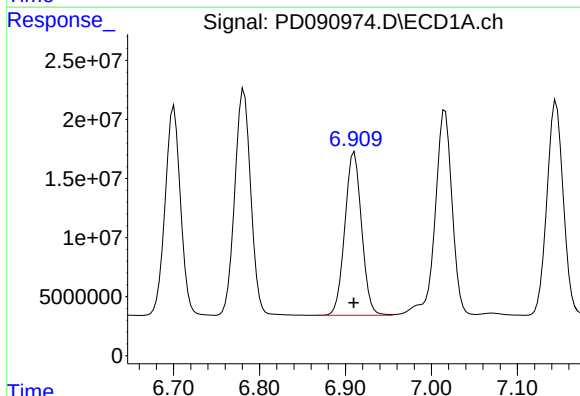
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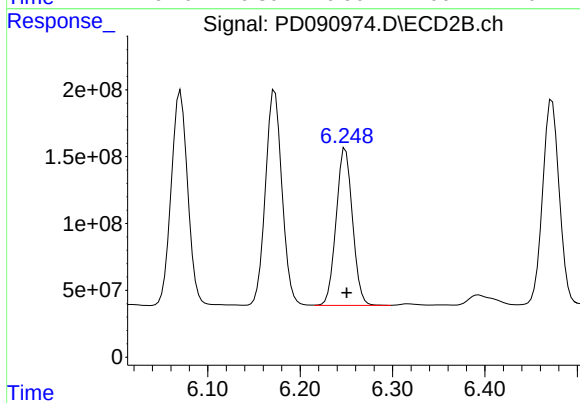
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: -0.001 min
Response: 2007636643
Conc: 57.24 ng/ml



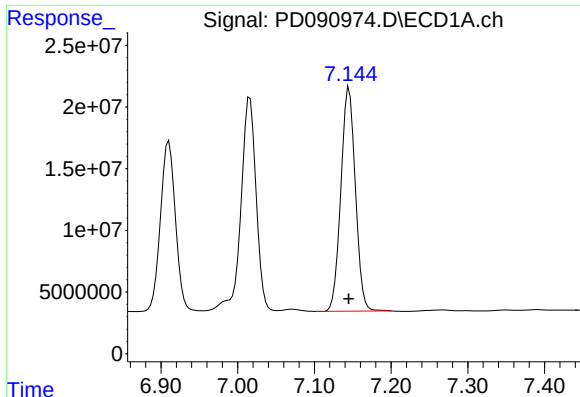
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 187615418
Conc: 51.22 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.001 min
Response: 1447525305
Conc: 52.27 ng/ml



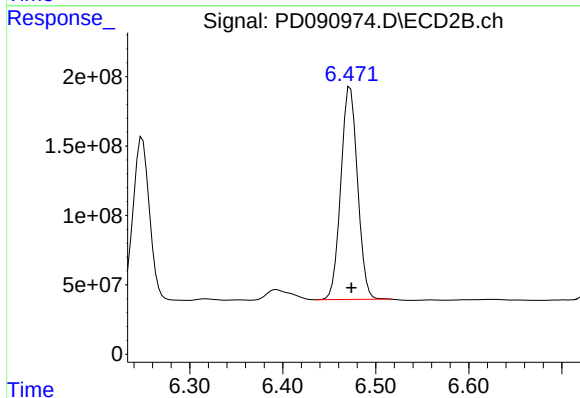
#19 Endosulfan Sulfate

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 238699960
Conc: 51.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

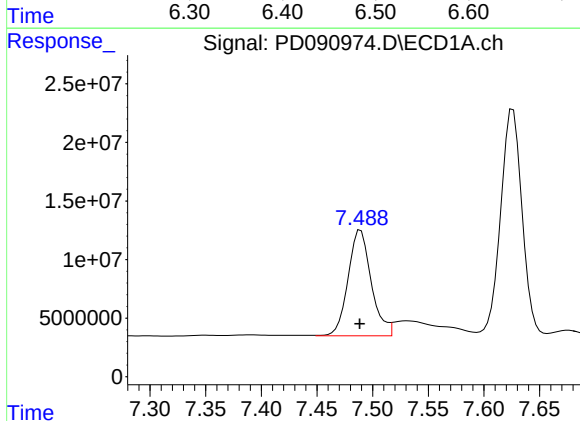
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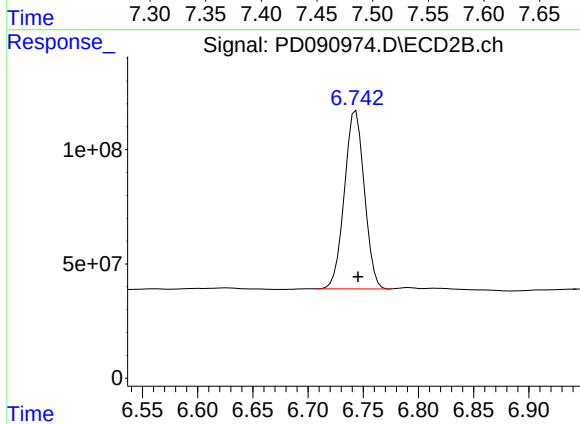
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: -0.001 min
Response: 1915070491
Conc: 53.43 ng/ml



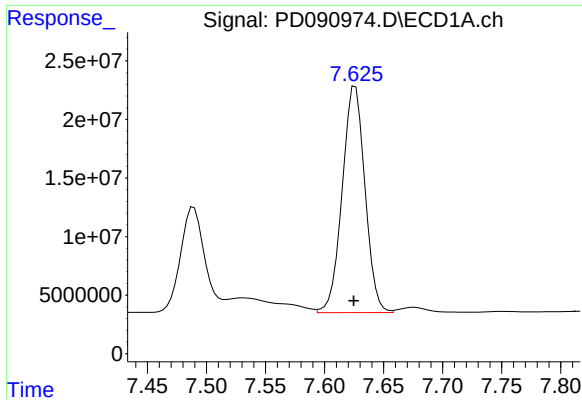
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 130957684
Conc: 61.61 ng/ml



#20 Methoxychlor

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 979289403
Conc: 56.19 ng/ml



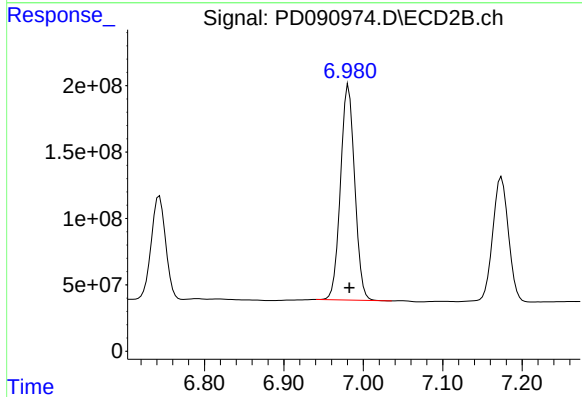
#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: 0.001 min
Response: 259479335
Conc: 53.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

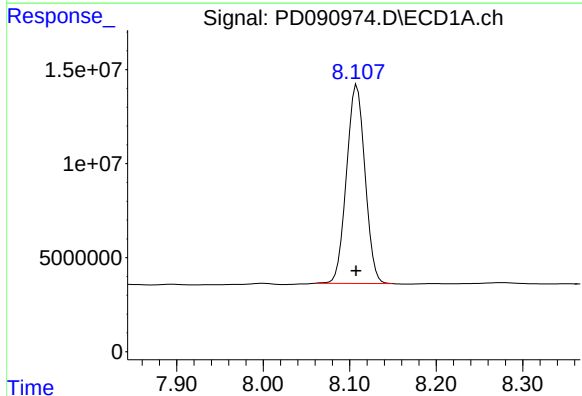
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/06/2025
Supervised By :mohammad ahmed 11/06/2025



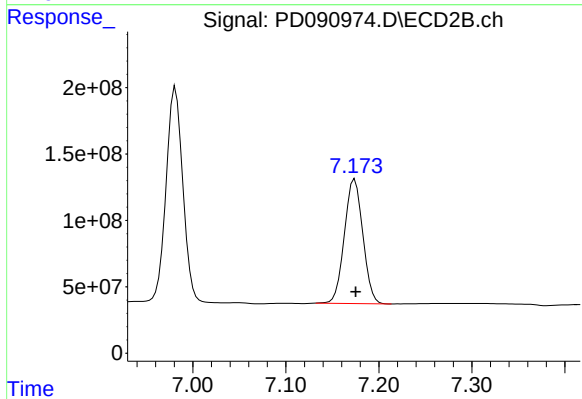
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.001 min
Response: 2021751394
Conc: 53.60 ng/ml



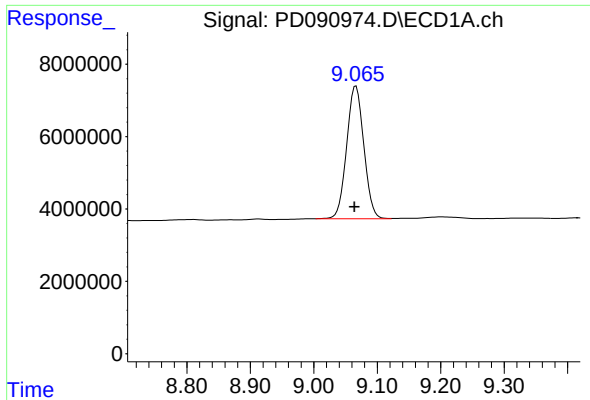
#22 Mirex

R.T.: 8.108 min
Delta R.T.: 0.000 min
Response: 156265392
Conc: 48.82 ng/ml



#22 Mirex

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 1289869798
Conc: 50.21 ng/ml



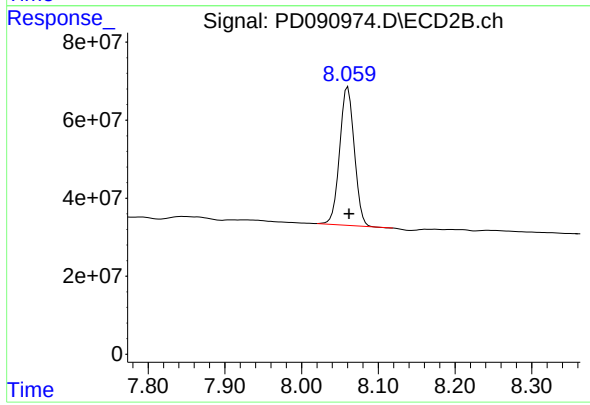
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 68977482
Conc: 14.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 469425136
Conc: 15.50 ng/ml