

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090525\
 Data File : PD090168.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Sep 2025 15:46
 Operator : AR\AJ
 Sample : BS/TESTSAMPLE-2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 BS/TESTSAMPLE-2

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/08/2025
 Supervised By :mohammad ahmed 09/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 03:11:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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	2.876	43279713	354.9E6	14.747	16.096m
28)	SA Decachlor...	9.073	8.065	68631692	433.5E6	15.902	16.746
Target Compounds							
2)	A alpha-BHC	3.998	3.388	237.6E6	1402.5E6	39.592	41.325m
3)	MA gamma-BHC...	4.329	3.725	224.6E6	1292.9E6	39.221	41.479
4)	MA Heptachlor	4.928	4.078	219.0E6	1271.6E6	39.038	40.766
5)	MB Aldrin	5.269	4.364	224.6E6	1310.9E6	41.482	43.042
6)	B beta-BHC	4.516	4.021	87179684	552.9E6	38.867	41.480
7)	B delta-BHC	4.764	4.258	182.5E6	1066.5E6	35.253	33.803
8)	B Heptachlo...	5.689	4.867	202.3E6	1176.0E6	41.231	42.463
9)	A Endosulfan I	6.073	5.241	187.3E6	1128.5E6	40.586	43.037
10)	B gamma-Chl...	5.944	5.120	199.5E6	1275.3E6	40.798	43.070
11)	B alpha-Chl...	6.025	5.185	198.8E6	1216.7E6	40.394	42.635
12)	B 4,4'-DDE	6.195	5.369	179.1E6	1244.2E6	40.804	43.167
13)	MA Dieldrin	6.346	5.507	198.1E6	1249.3E6	40.455	42.658
14)	MA Endrin	6.573	5.783	150.0E6	1047.7E6	36.205	39.338
15)	B Endosulfa...	6.786	6.075	164.0E6	1068.3E6	38.857	42.233
16)	A 4,4'-DDD	6.705	5.924	145.9E6	1109.0E6	42.168	46.126
17)	MA 4,4'-DDT	7.020	6.177	134.0E6	946.1E6	35.174	37.740
18)	B Endrin al...	6.915	6.253	120.6E6	780.4E6	42.046	45.321
19)	B Endosulfa...	7.149	6.477	137.1E6	937.2E6	34.993	38.441
20)	A Methoxychlor	7.493	6.748	66175887	476.4E6	32.995	36.946
21)	B Endrin ke...	7.630	6.986	164.0E6	1153.9E6	39.581	43.306
22)	Mirex	8.113	7.179	123.5E6	861.2E6	39.137	41.694

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090525\
Data File : PD090168.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2025 15:46
Operator : AR\AJ
Sample : BS/TESTSAMPLE-2
Misc :
ALS Vial : 8 Sample Multiplier: 1

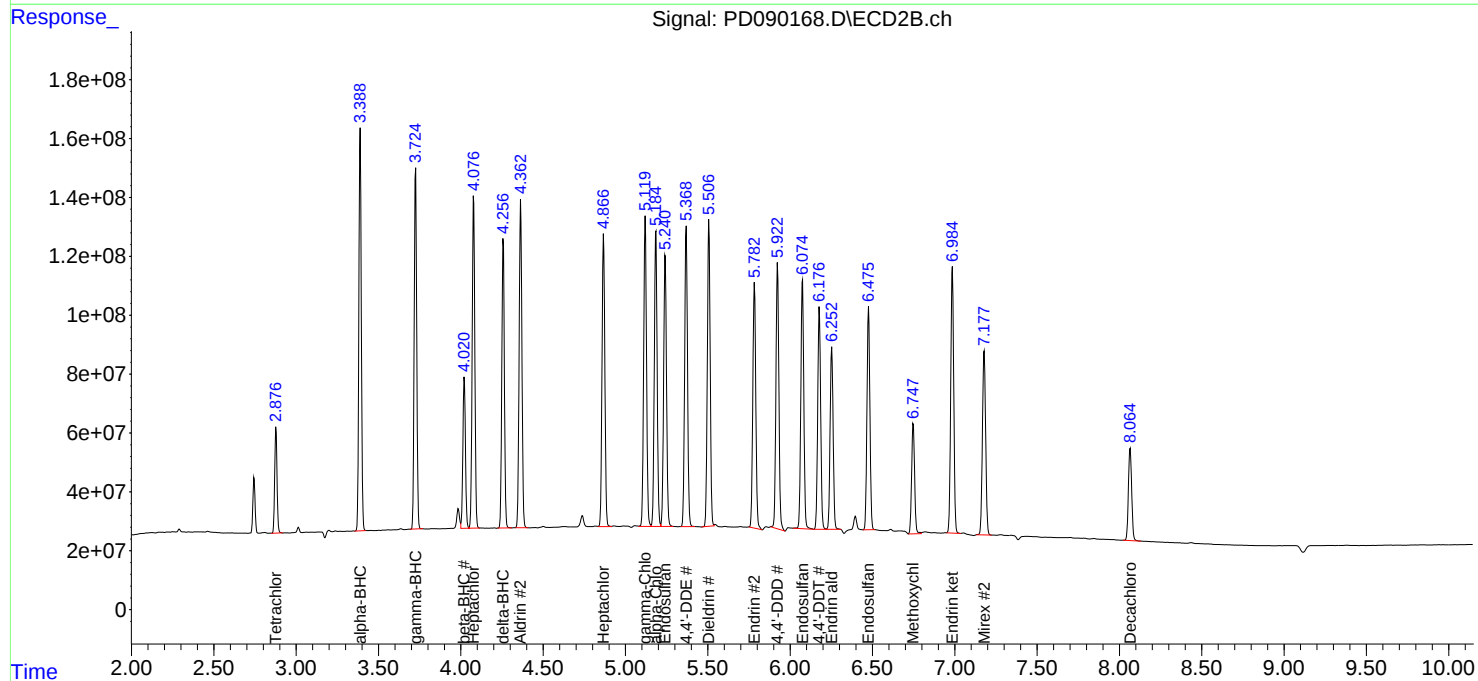
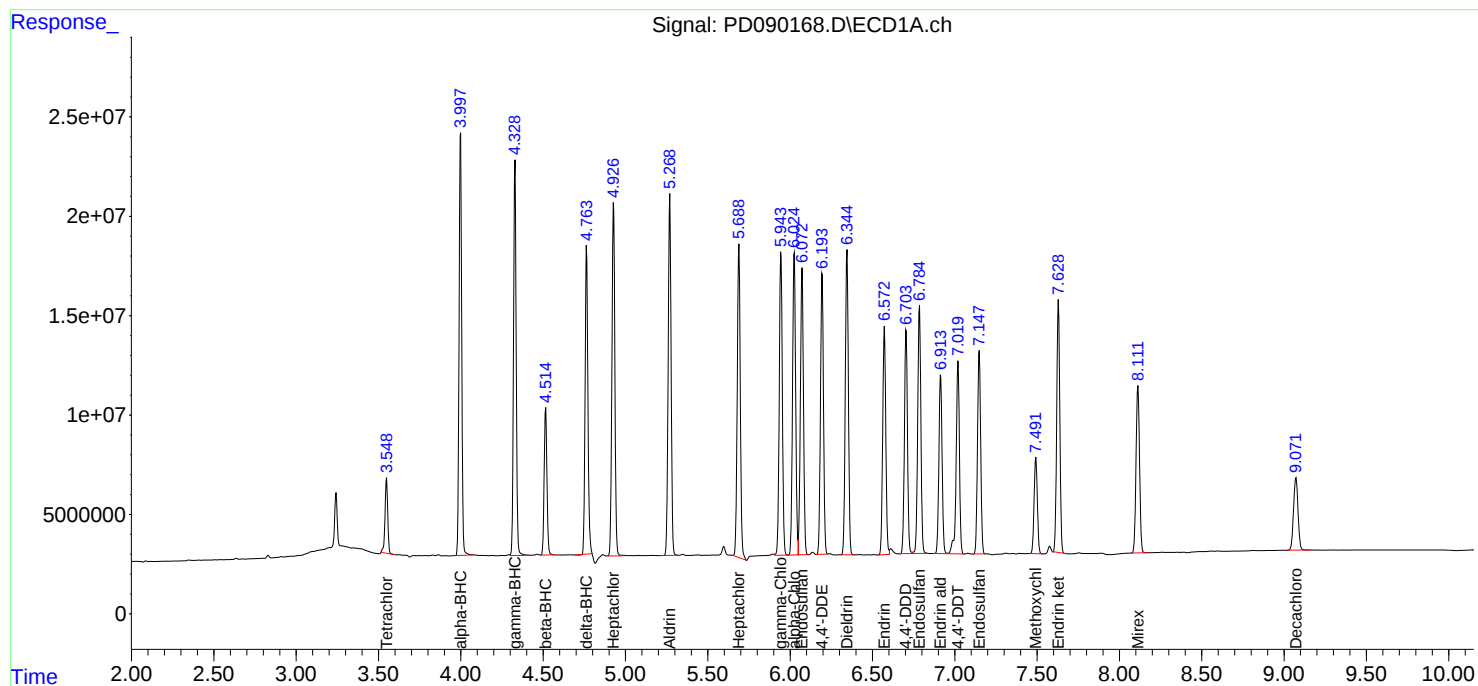
Instrument :
ECD_D
ClientSampleId :
BS/TESTSAMPLE-2

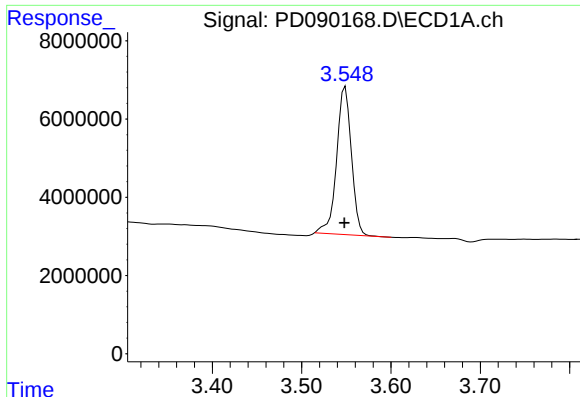
Manual Integrations
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Supervised By :mohammad ahmed 09/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 06 03:11:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 2025
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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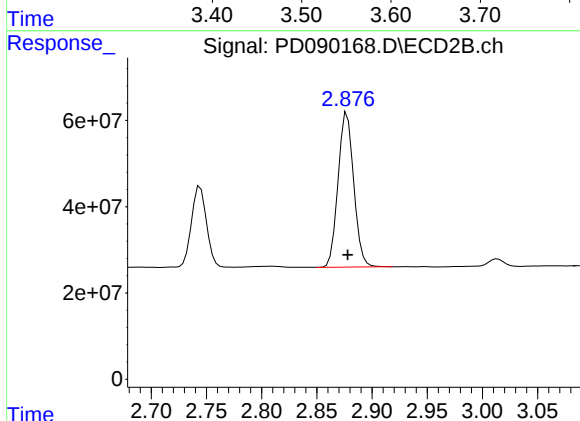
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 43279713
Conc: 14.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
BS/TESTSAMPLE-2

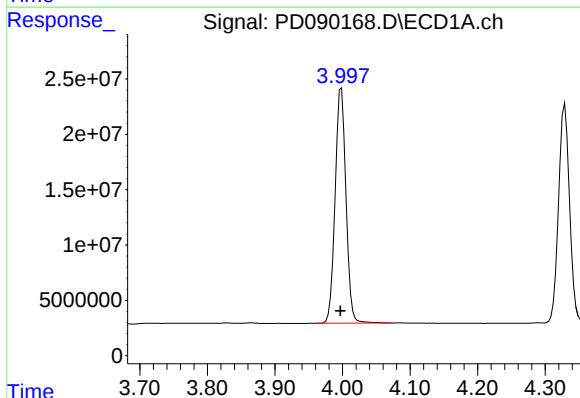
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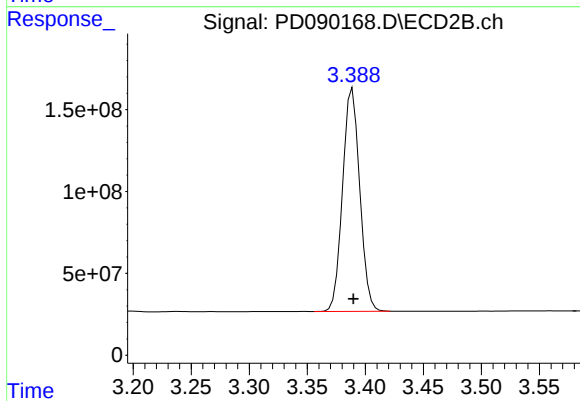
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 354922193
Conc: 16.10 ng/ml m



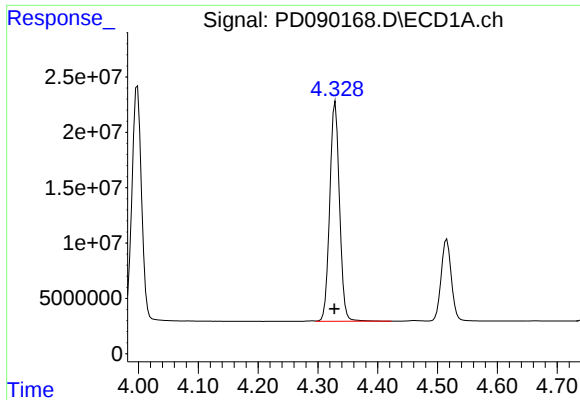
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.001 min
Response: 237642839
Conc: 39.59 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: -0.002 min
Response: 1402534736
Conc: 41.33 ng/ml m



#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.001 min
Response: 224610737
Conc: 39.22 ng/ml

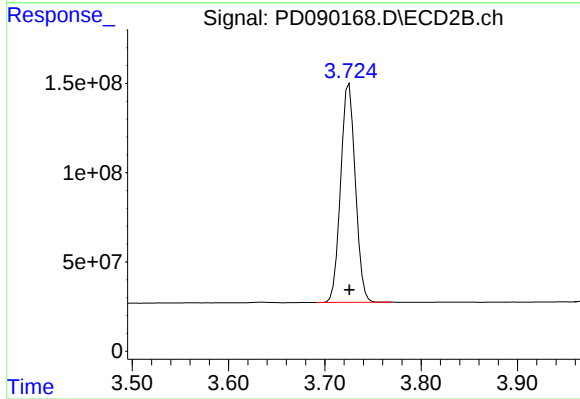
Instrument :

ECD_D

ClientSampleId :
BS/TESTSAMPLE-2

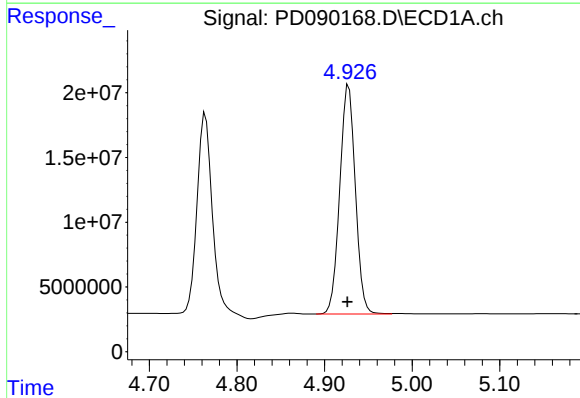
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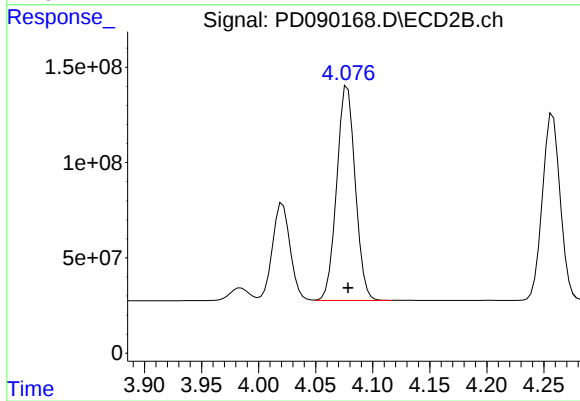
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 1292916476
Conc: 41.48 ng/ml



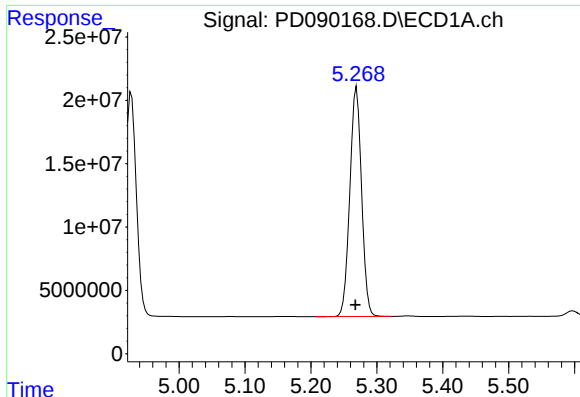
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.001 min
Response: 218969206
Conc: 39.04 ng/ml



#4 Heptachlor

R.T.: 4.078 min
Delta R.T.: 0.000 min
Response: 1271554767
Conc: 40.77 ng/ml



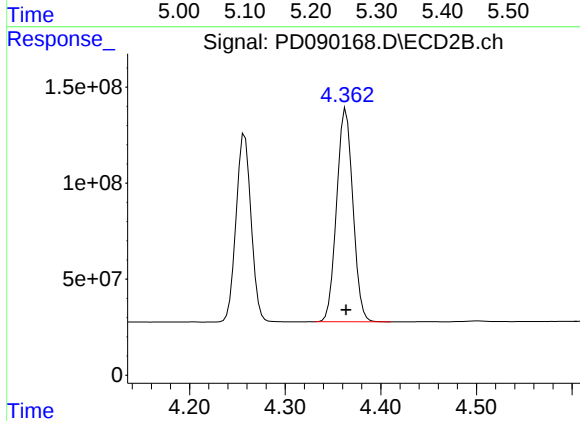
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.002 min
Response: 224603870
Conc: 41.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
BS/TESTSAMPLE-2

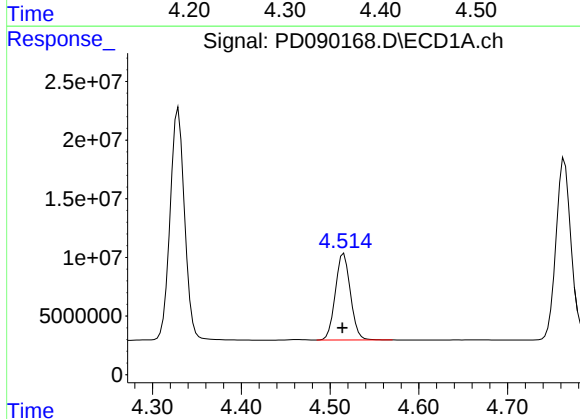
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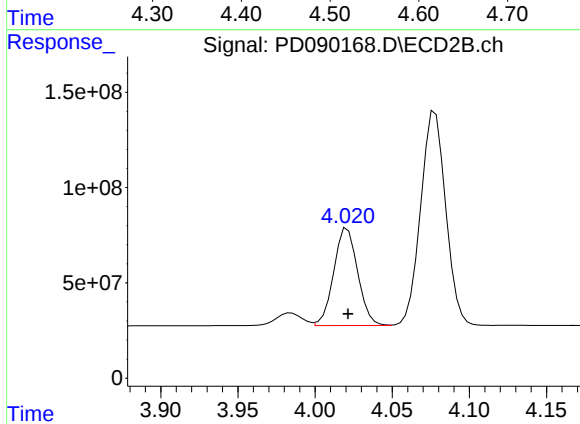
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1310871431
Conc: 43.04 ng/ml



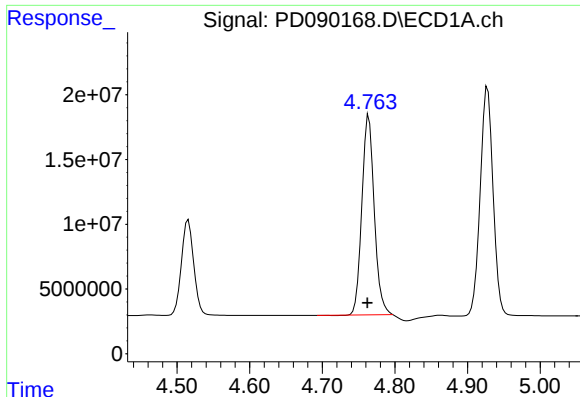
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.002 min
Response: 87179684
Conc: 38.87 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 552933029
Conc: 41.48 ng/ml



#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.002 min
Response: 182529624
Conc: 35.25 ng/ml

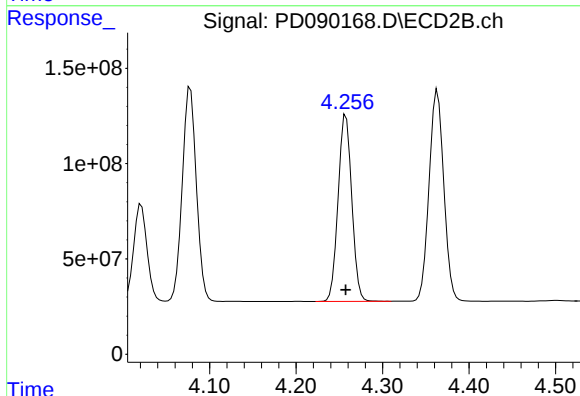
Instrument :

ECD_D

ClientSampleId :
BS/TESTSAMPLE-2

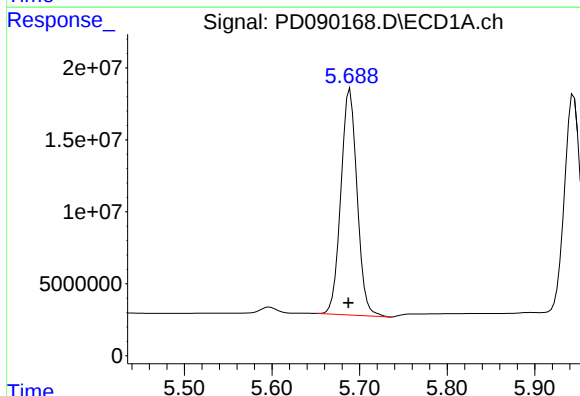
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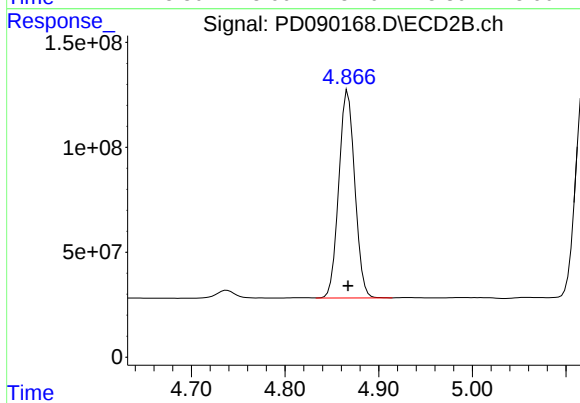
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 1066482051
Conc: 33.80 ng/ml



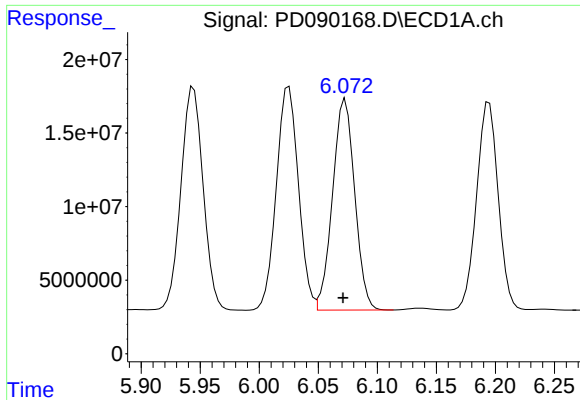
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.002 min
Response: 202314262
Conc: 41.23 ng/ml



#8 Heptachlor epoxide

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 1176012752
Conc: 42.46 ng/ml



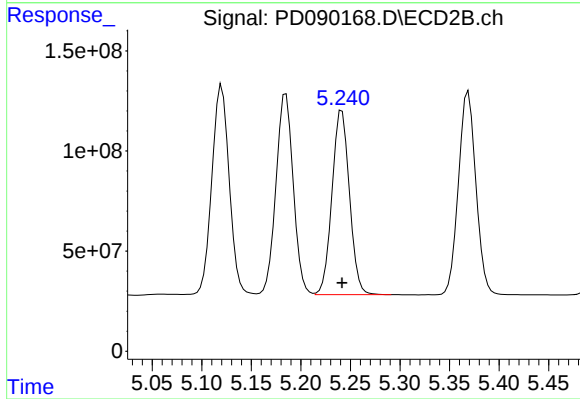
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.002 min
Response: 187300891
Conc: 40.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
BS/TESTSAMPLE-2

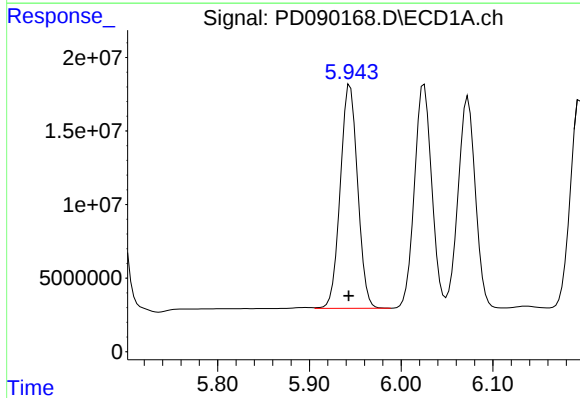
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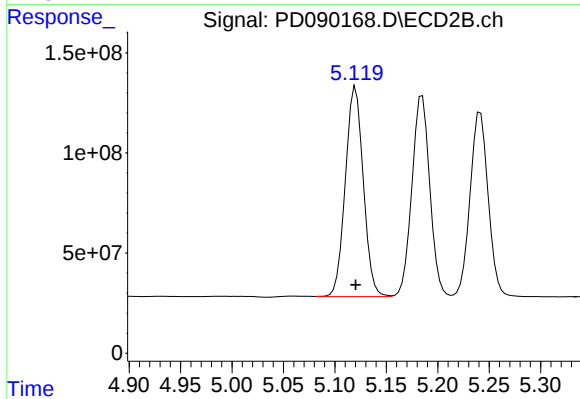
#9 Endosulfan I

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 1128503561
Conc: 43.04 ng/ml



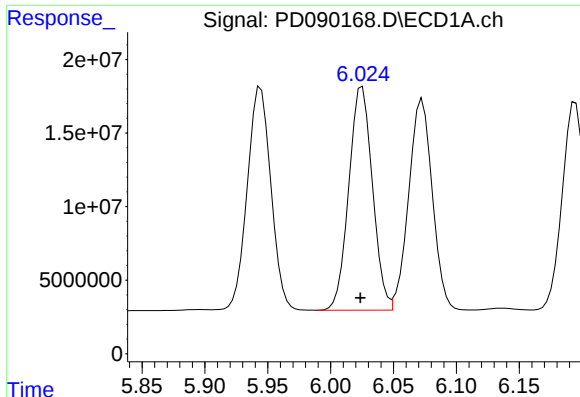
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.002 min
Response: 199543964
Conc: 40.80 ng/ml



#10 gamma-Chlordane

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 1275345258
Conc: 43.07 ng/ml



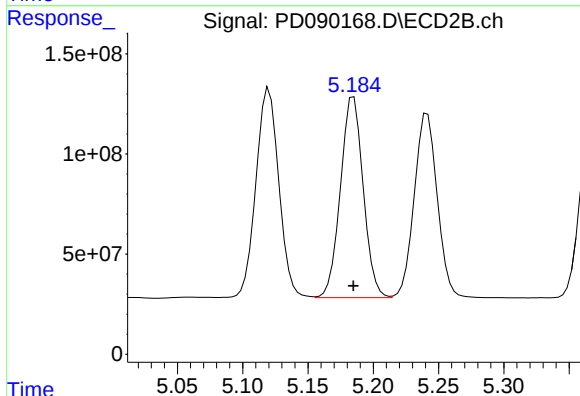
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.001 min
Response: 198834646
Conc: 40.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
BS/TESTSAMPLE-2

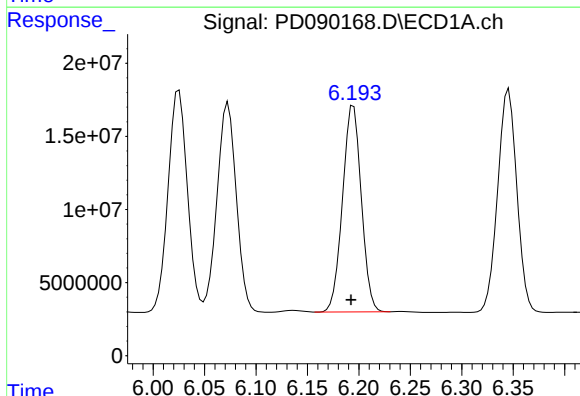
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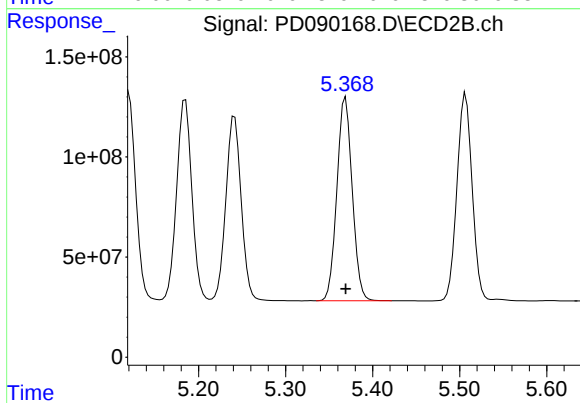
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 1216728399
Conc: 42.64 ng/ml



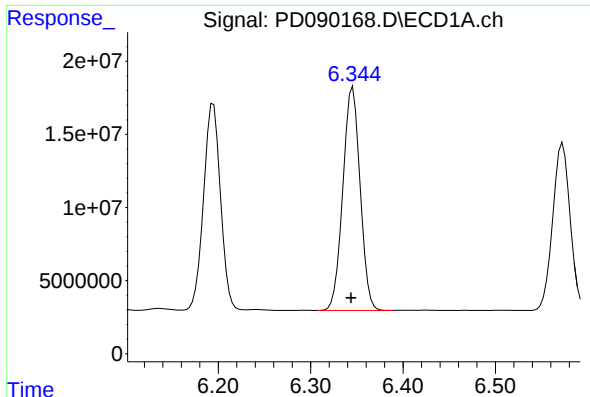
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.002 min
Response: 179059985
Conc: 40.80 ng/ml



#12 4,4'-DDE

R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 1244190341
Conc: 43.17 ng/ml



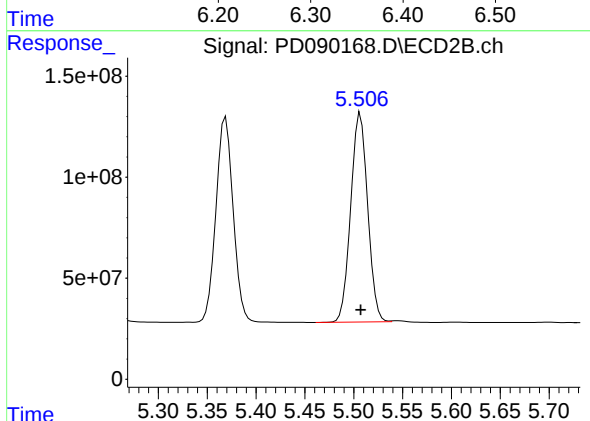
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.002 min
Response: 198056132
Conc: 40.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
BS/TESTSAMPLE-2

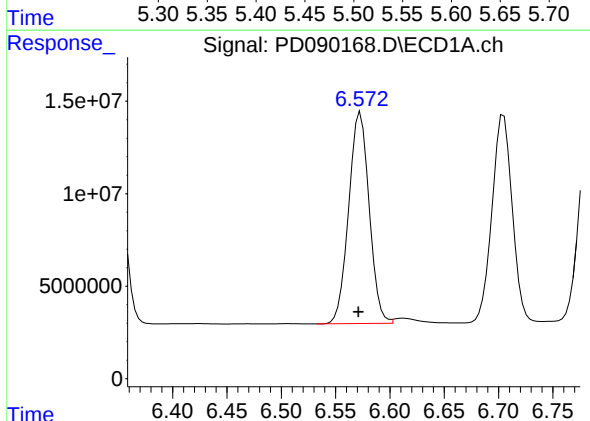
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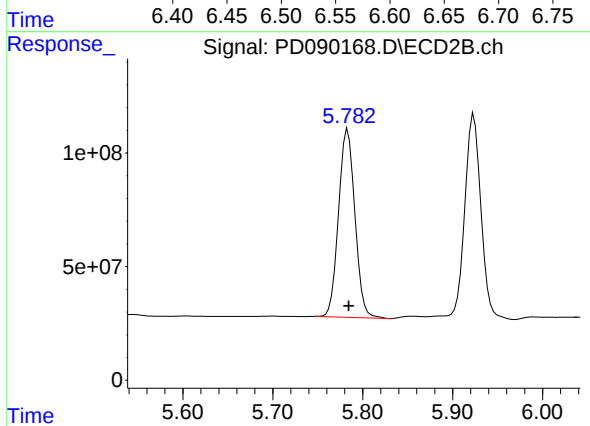
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 1249343861
Conc: 42.66 ng/ml



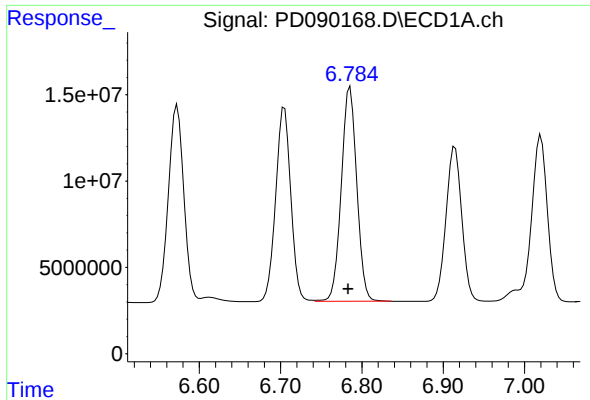
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 150016270
Conc: 36.20 ng/ml



#14 Endrin

R.T.: 5.783 min
Delta R.T.: 0.000 min
Response: 1047663956
Conc: 39.34 ng/ml



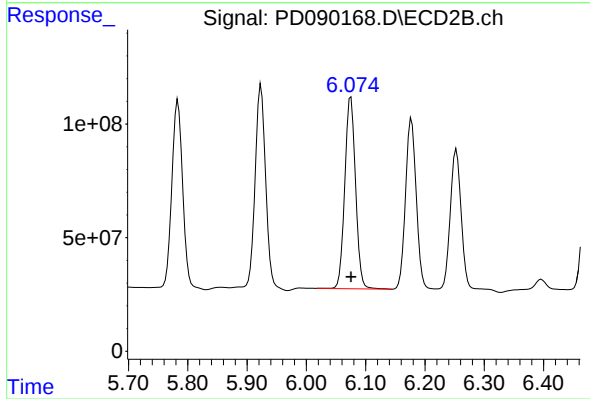
#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: 0.003 min
Response: 163967724
Conc: 38.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
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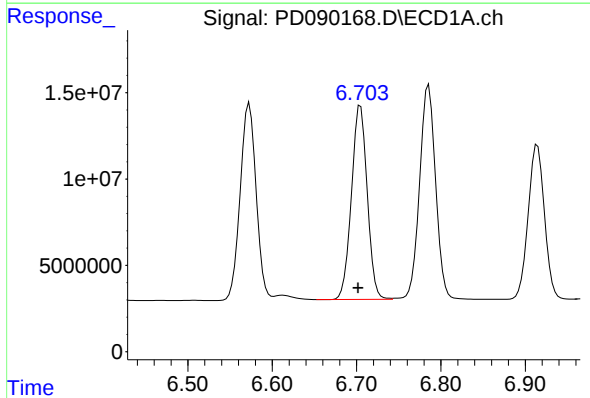
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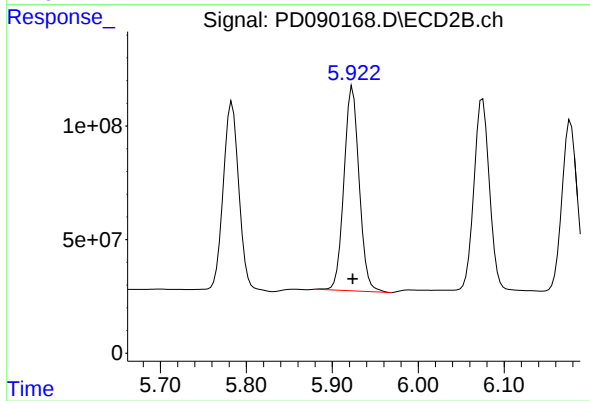
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 1068272783
Conc: 42.23 ng/ml



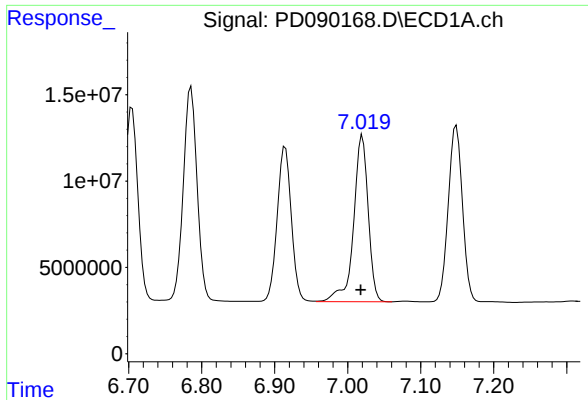
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.003 min
Response: 145863720
Conc: 42.17 ng/ml



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 1109034476
Conc: 46.13 ng/ml



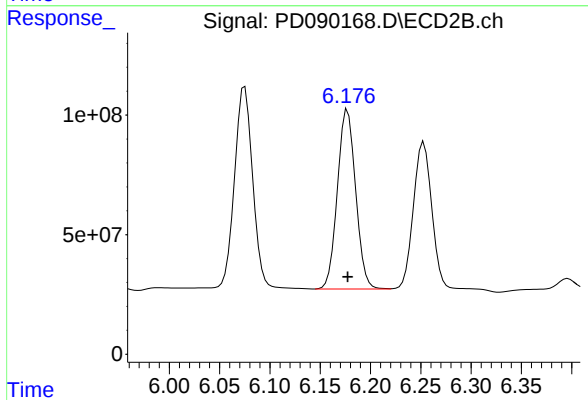
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.002 min
Response: 134002979
Conc: 35.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
BS/TESTSAMPLE-2

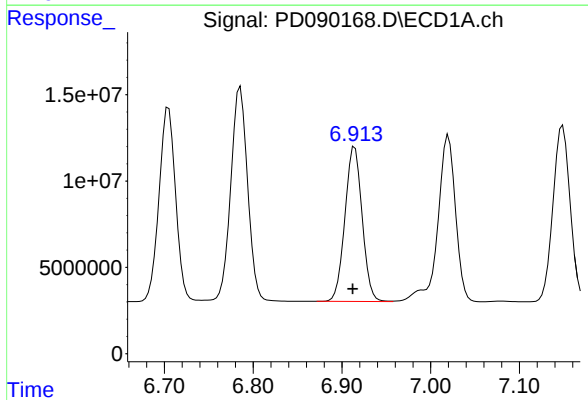
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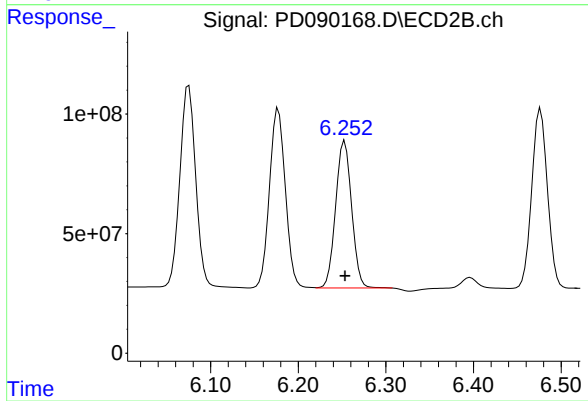
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 946137190
Conc: 37.74 ng/ml



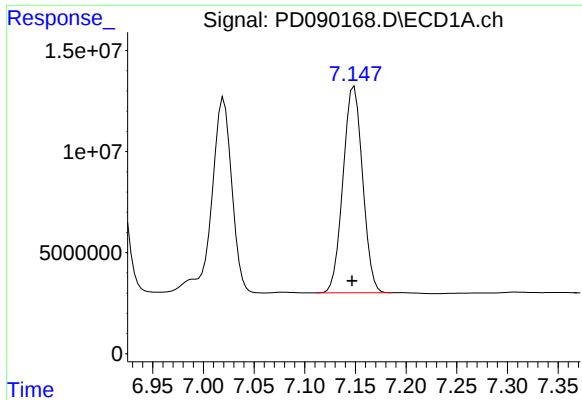
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.002 min
Response: 120551948
Conc: 42.05 ng/ml



#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 780425217
Conc: 45.32 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: 0.002 min
Response: 137120591
Conc: 34.99 ng/ml

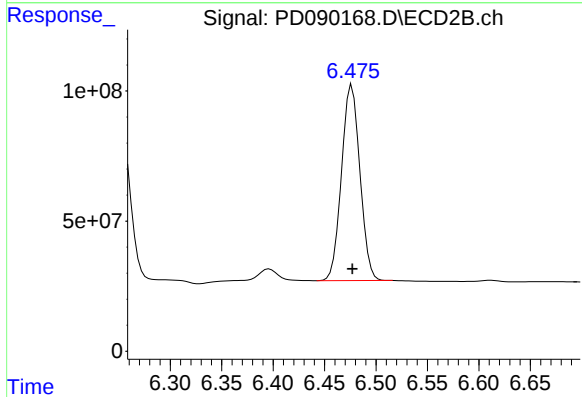
Instrument :

ECD_D

ClientSampleId :
BS/TESTSAMPLE-2

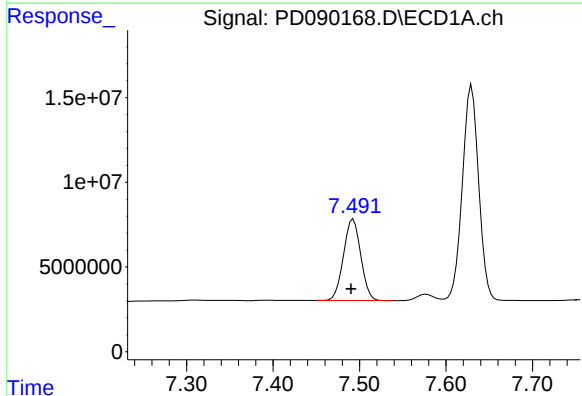
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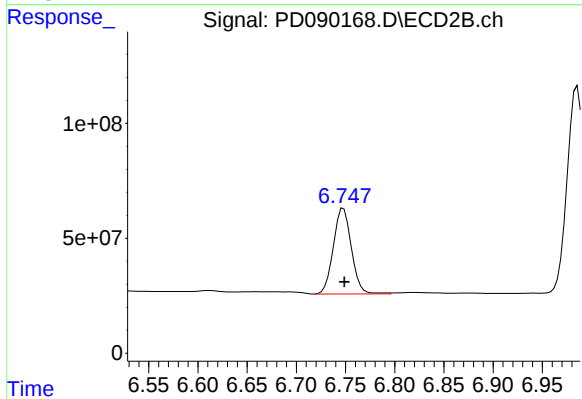
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 937166540
Conc: 38.44 ng/ml



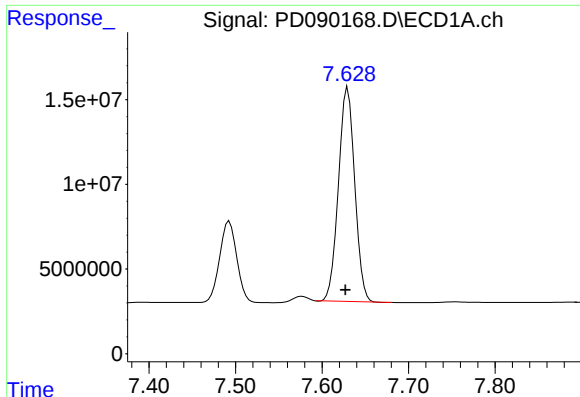
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.002 min
Response: 66175887
Conc: 33.00 ng/ml



#20 Methoxychlor

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 476440665
Conc: 36.95 ng/ml



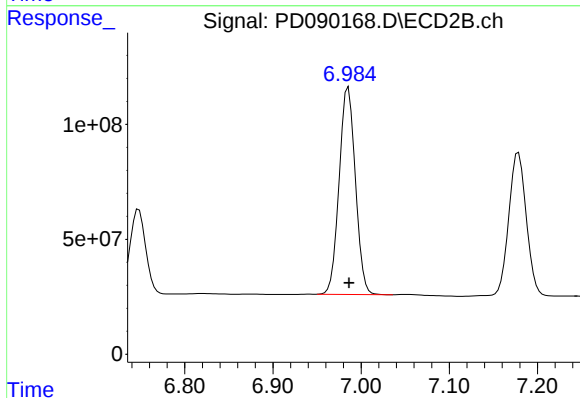
#21 Endrin ketone

R.T.: 7.630 min
Delta R.T.: 0.002 min
Response: 164044522
Conc: 39.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
BS/TESTSAMPLE-2

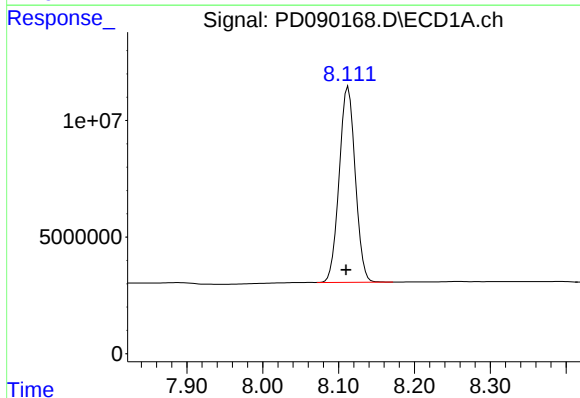
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/08/2025
Supervised By :mohammad ahmed 09/09/2025



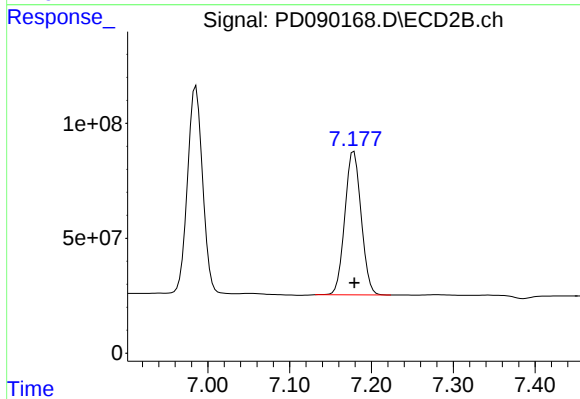
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: 0.000 min
Response: 1153856577
Conc: 43.31 ng/ml



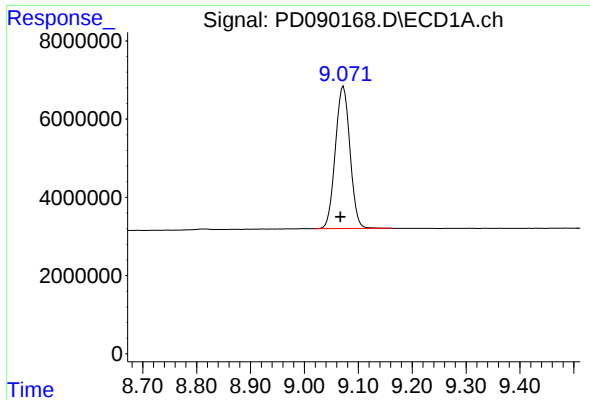
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.003 min
Response: 123457545
Conc: 39.14 ng/ml



#22 Mirex

R.T.: 7.179 min
Delta R.T.: 0.000 min
Response: 861212670
Conc: 41.69 ng/ml



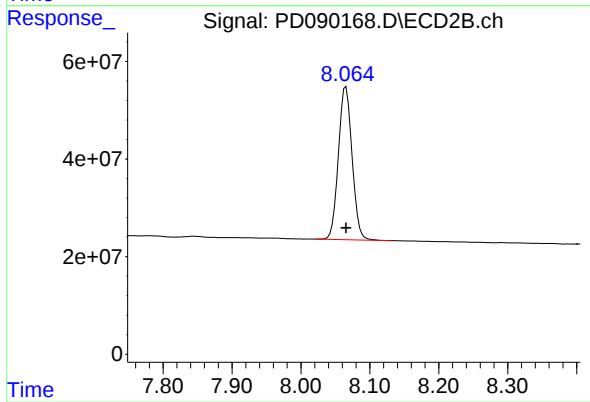
#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.005 min
Response: 68631692
Conc: 15.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
BS/TESTSAMPLE-2

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/08/2025
Supervised By :mohammad ahmed 09/09/2025



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 433472335
Conc: 16.75 ng/ml