

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101125\
 Data File : PD090557.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 17:28
 Operator : AR\AJ
 Sample : Q3302-06MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OR-658-COMP-01MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/10/2025
 Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 08:26:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 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...	3.545	2.876	54859726	513.4E6	16.878	18.704
28)	SA Decachlor...	9.062	8.060	94335899	619.2E6	19.551	19.102
Target Compounds							
2)	A alpha-BHC	3.994	3.387	282.4E6	1754.1E6	40.435	40.063
3)	MA gamma-BHC...	4.324	3.723	260.5E6	1637.1E6	39.369	40.189
4)	MA Heptachlor	4.922	4.075	261.3E6	1610.2E6	39.516	39.547
5)	MB Aldrin	5.263	4.360	250.8E6	1591.8E6	39.489	39.861
6)	B beta-BHC	4.511	4.018	99783768	695.8E6	38.677	40.136
7)	B delta-BHC	4.758	4.254	276.3E6	1676.4E6	42.786m	40.595
8)	B Heptachlo...	5.683	4.864	228.4E6	1548.7E6	39.972	42.009
9)	A Endosulfan I	6.065	5.237	221.0E6	1410.4E6	40.923m	40.758
10)	B gamma-Chl...	5.939	5.116	224.5E6	1606.4E6	39.310	40.891
11)	B alpha-Chl...	6.018	5.180	238.2E6	1540.6E6	41.355m	40.901
12)	B 4,4'-DDE	6.188	5.365	210.3E6	1570.5E6	40.376	41.027
13)	MA Dieldrin	6.339	5.503	233.9E6	1595.3E6	40.577	40.962
14)	MA Endrin	6.566	5.779	201.5E6	1510.3E6	41.172	42.148
15)	B Endosulfa...	6.779	6.070	196.4E6	1401.7E6	40.267	41.530
16)	A 4,4'-DDD	6.698	5.919	165.5E6	1317.0E6	40.386	40.612
17)	MA 4,4'-DDT	7.013	6.173	181.2E6	1386.3E6	40.694	40.323
18)	B Endrin al...	6.908	6.249	150.9E6	1051.7E6	43.997	44.664
19)	B Endosulfa...	7.142	6.472	185.7E6	1343.6E6	40.364	41.100
20)	A Methoxychlor	7.486	6.743	92949808	691.3E6	39.444	39.728
21)	B Endrin ke...	7.623	6.981	198.1E6	1455.4E6	40.048	40.311
22)	Mirex	8.105	7.173	147.2E6	1098.3E6	39.722	39.785

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101125\
Data File : PD090557.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 17:28
Operator : AR\AJ
Sample : Q3302-06MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

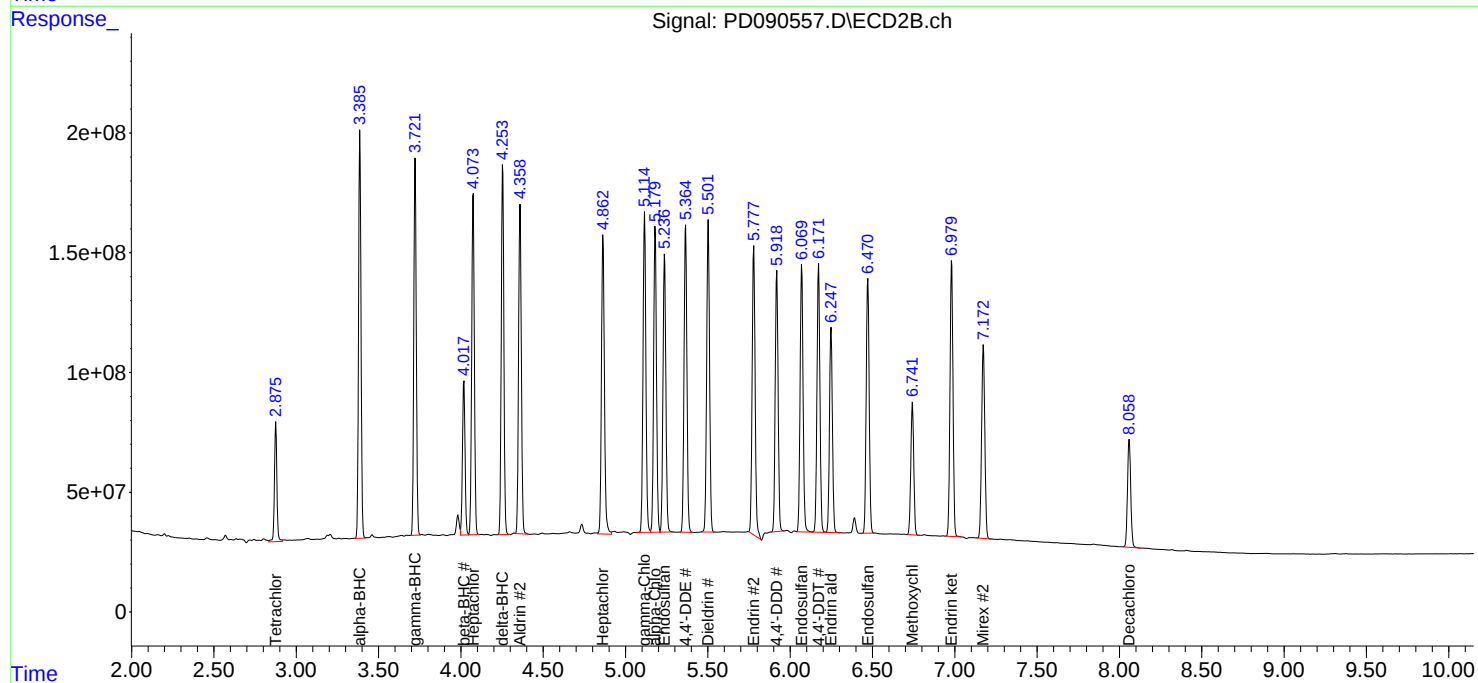
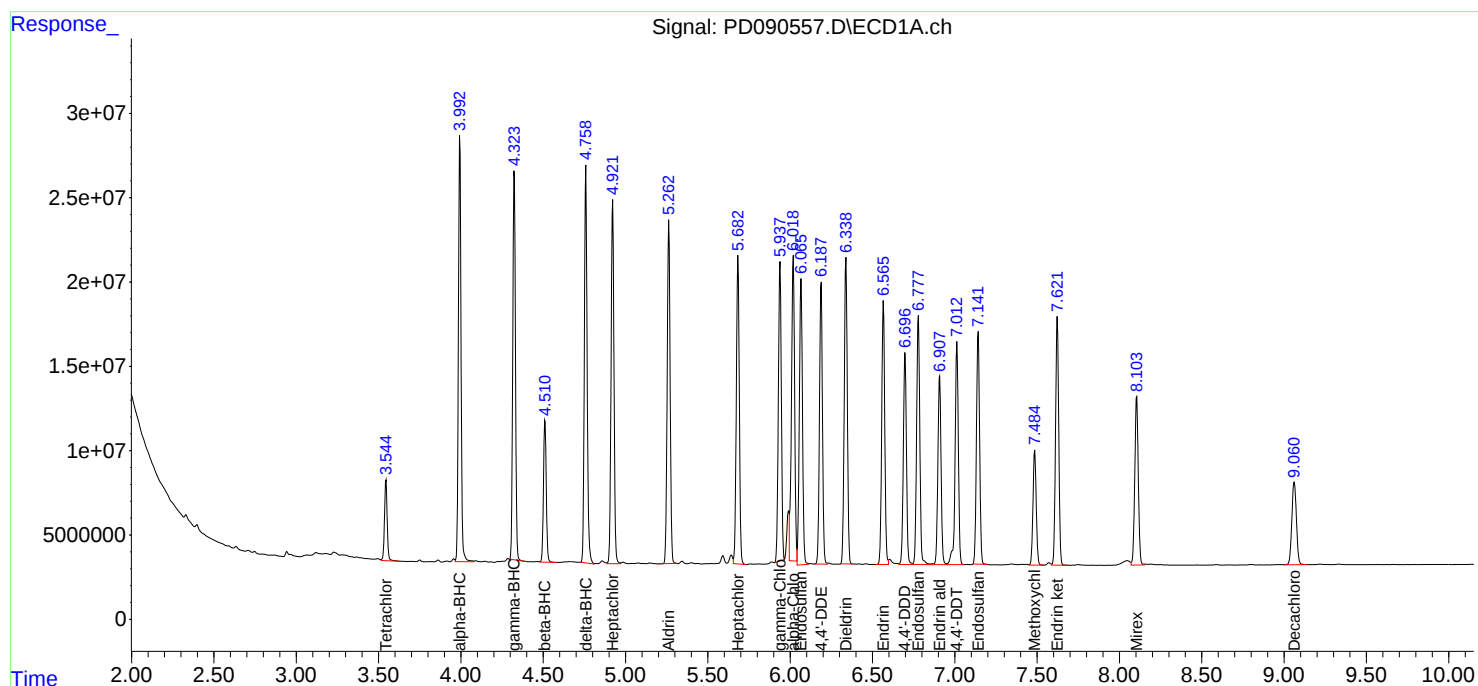
Instrument :
ECD_D
ClientSampleId :
OR-658-COMP-01MSD

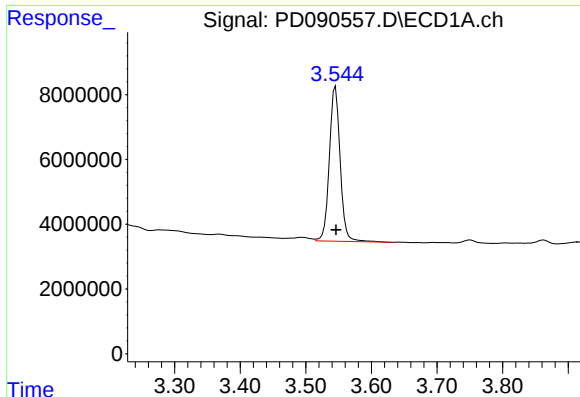
Manual Integrations
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Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 08:26:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 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





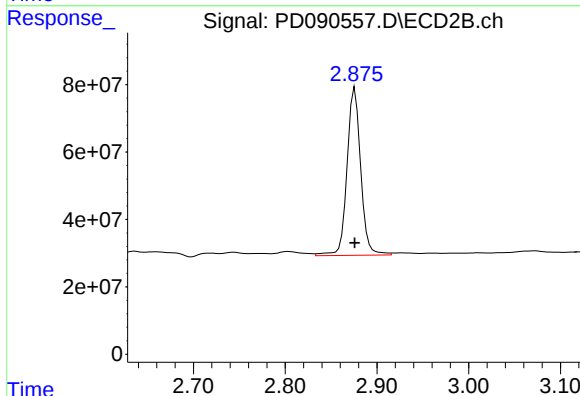
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 54859726
Conc: 16.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-658-COMP-01MSD

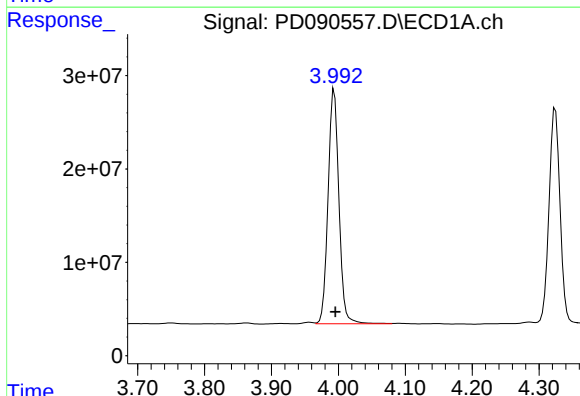
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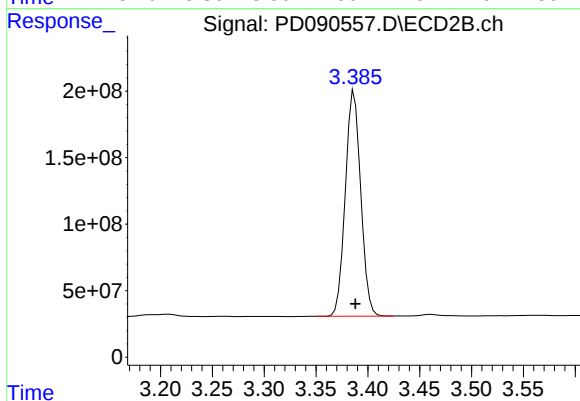
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 513423250
Conc: 18.70 ng/ml



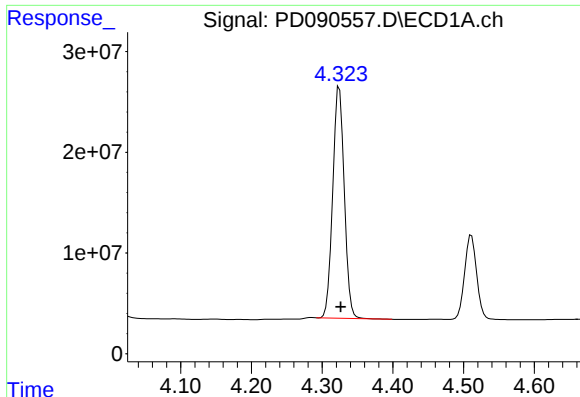
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.002 min
Response: 282418489
Conc: 40.43 ng/ml



#2 alpha-BHC

R.T.: 3.387 min
Delta R.T.: 0.000 min
Response: 1754067577
Conc: 40.06 ng/ml



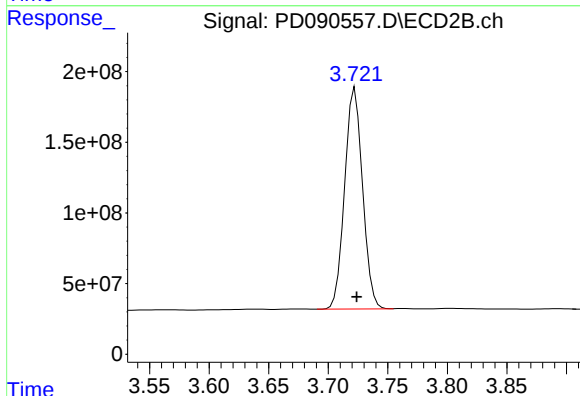
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.002 min
Response: 260502923
Conc: 39.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-658-COMP-01MSD

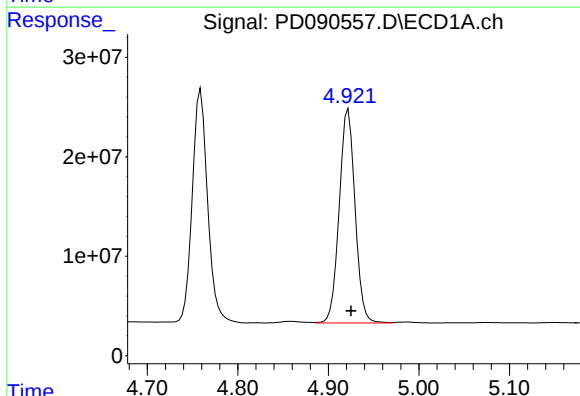
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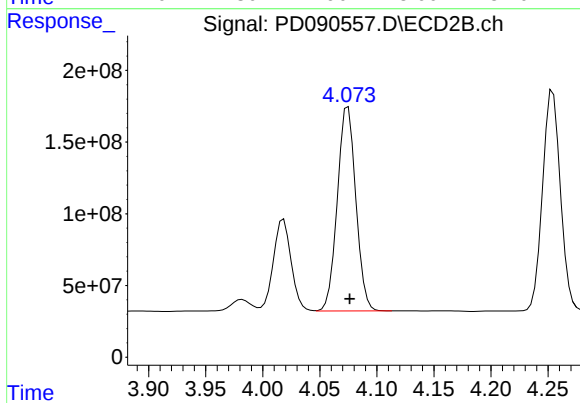
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: -0.001 min
Response: 1637112971
Conc: 40.19 ng/ml



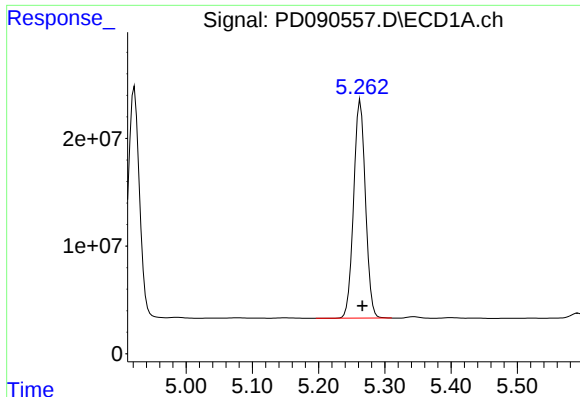
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: -0.003 min
Response: 261301334
Conc: 39.52 ng/ml



#4 Heptachlor

R.T.: 4.075 min
Delta R.T.: -0.002 min
Response: 1610215205
Conc: 39.55 ng/ml



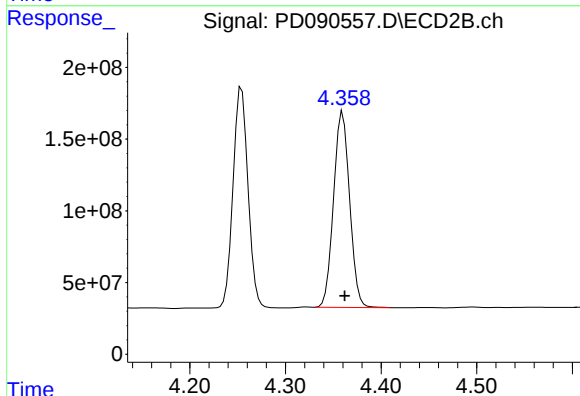
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.003 min
Response: 250750967
Conc: 39.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-658-COMP-01MSD

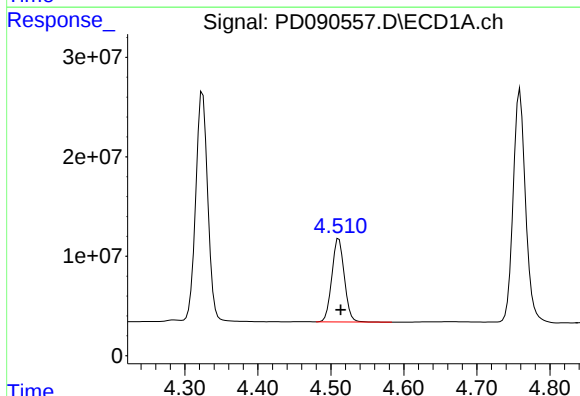
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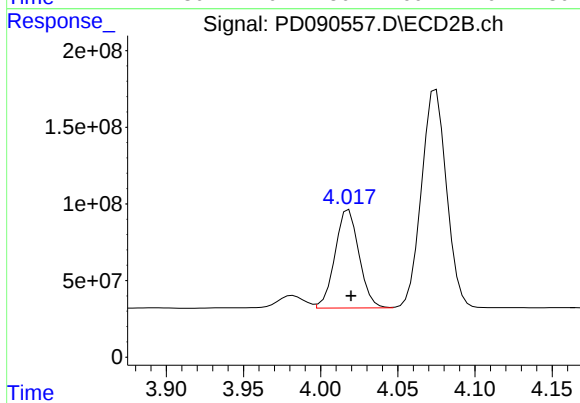
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: -0.002 min
Response: 1591840010
Conc: 39.86 ng/ml



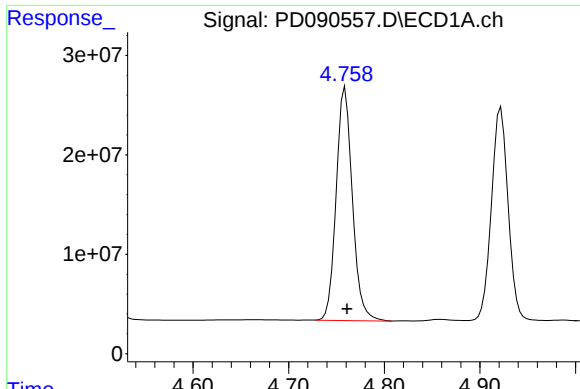
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: -0.002 min
Response: 99783768
Conc: 38.68 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: -0.001 min
Response: 695762223
Conc: 40.14 ng/ml



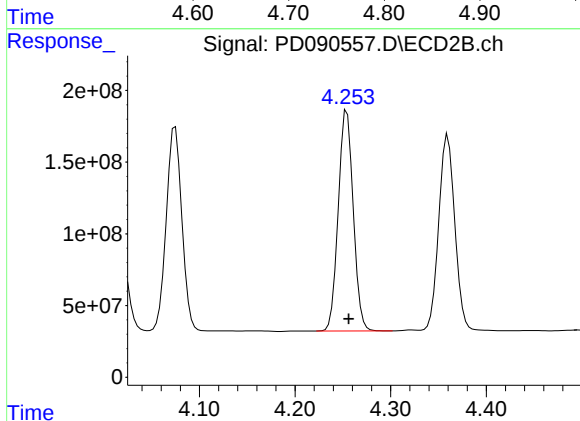
#7 delta-BHC

R.T.: 4.758 min
Delta R.T.: -0.003 min
Response: 276293639
Conc: 42.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-658-COMP-01MSD

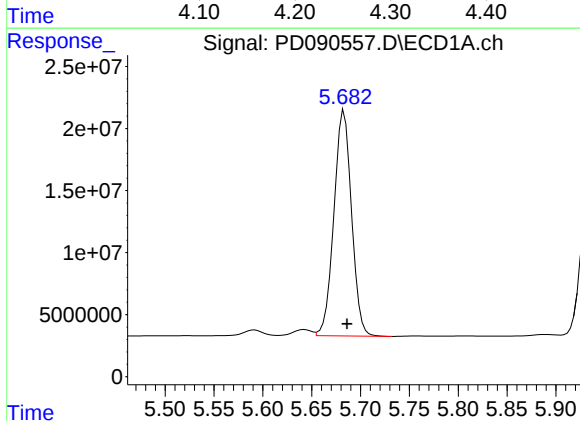
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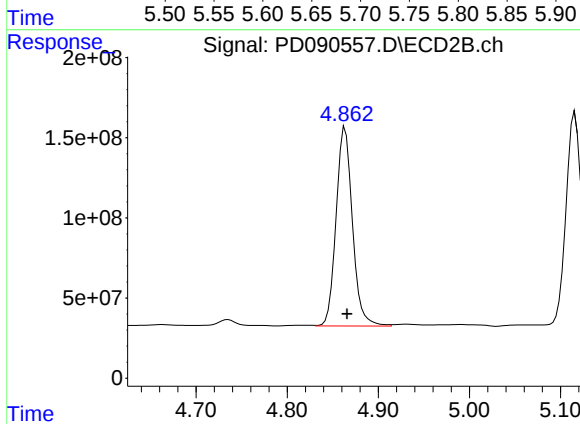
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.002 min
Response: 1676352784
Conc: 40.59 ng/ml



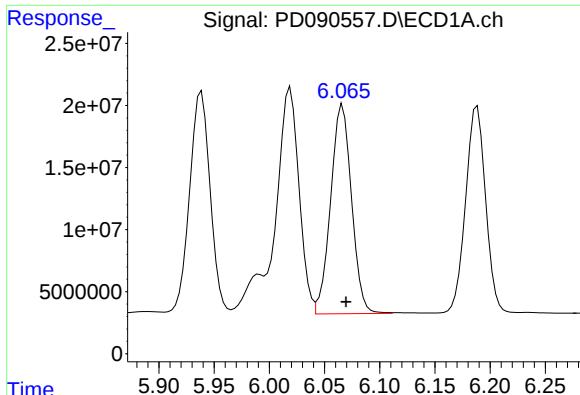
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.003 min
Response: 228434573
Conc: 39.97 ng/ml



#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: -0.002 min
Response: 1548682701
Conc: 42.01 ng/ml



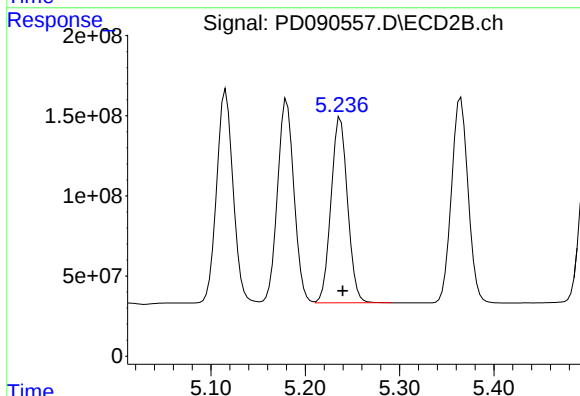
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.005 min
Response: 221042813
Conc: 40.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-658-COMP-01MSD

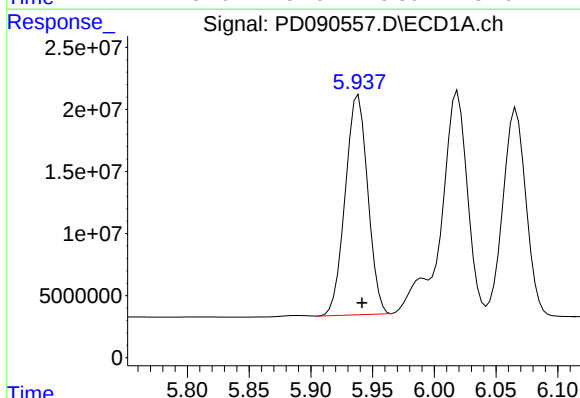
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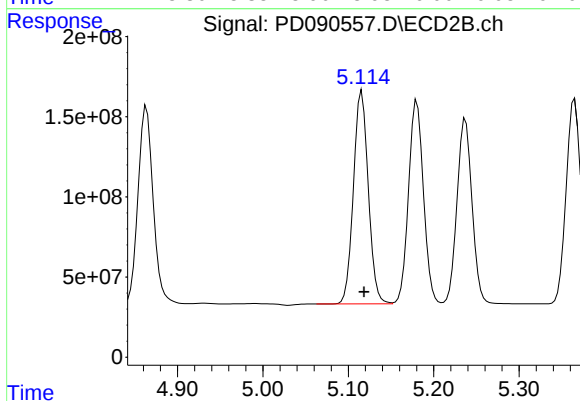
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.003 min
Response: 1410445330
Conc: 40.76 ng/ml



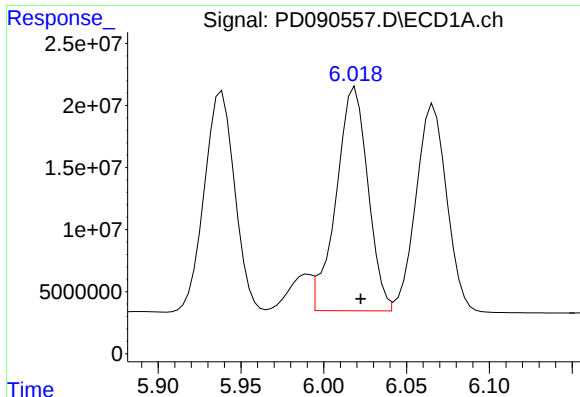
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.003 min
Response: 224535355
Conc: 39.31 ng/ml



#10 gamma-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.003 min
Response: 1606443306
Conc: 40.89 ng/ml



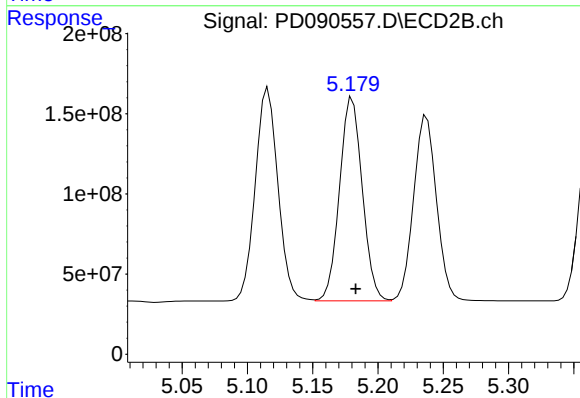
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: -0.005 min
Response: 238239878
Conc: 41.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
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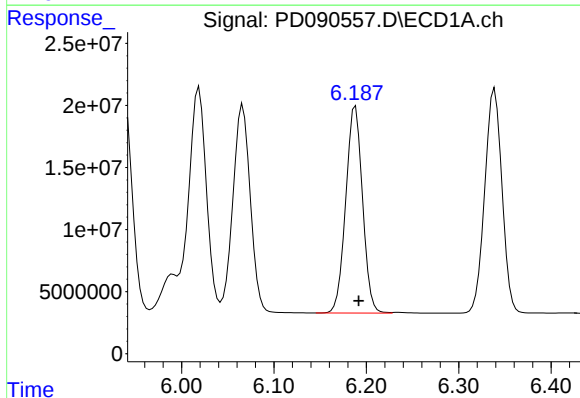
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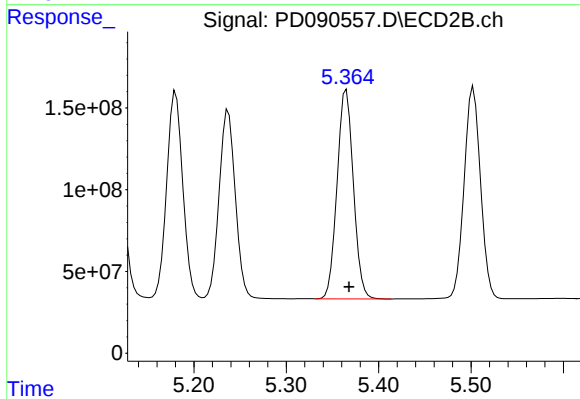
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.003 min
Response: 1540564462
Conc: 40.90 ng/ml



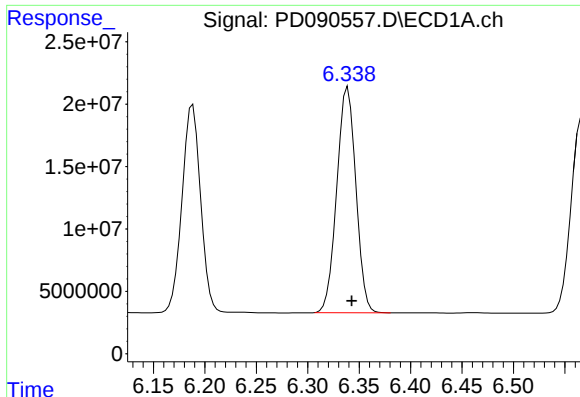
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.003 min
Response: 210257847
Conc: 40.38 ng/ml



#12 4,4'-DDE

R.T.: 5.365 min
Delta R.T.: -0.003 min
Response: 1570464089
Conc: 41.03 ng/ml



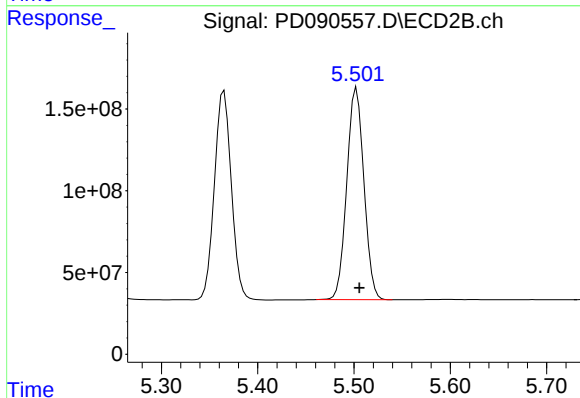
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.004 min
Response: 233915030
Conc: 40.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-658-COMP-01MSD

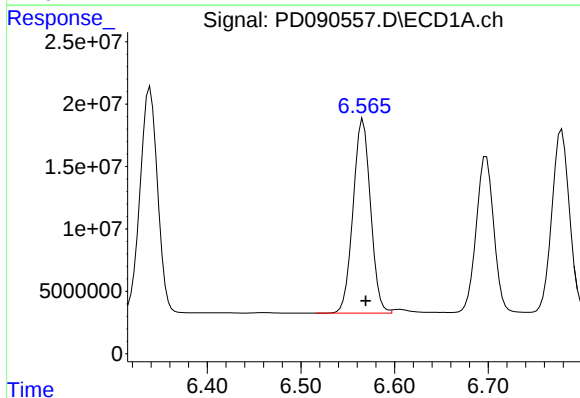
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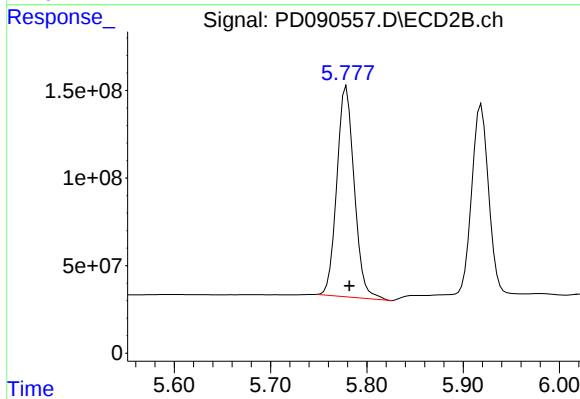
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: -0.003 min
Response: 1595290193
Conc: 40.96 ng/ml



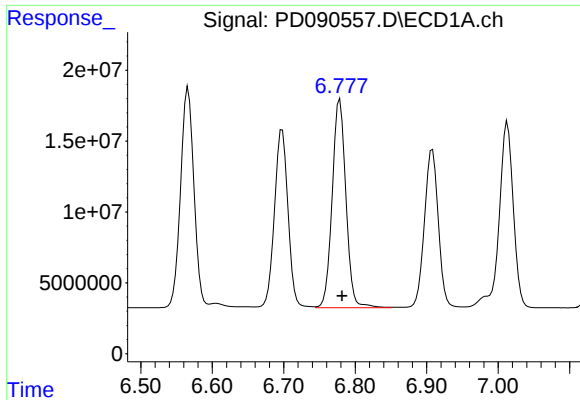
#14 Endrin

R.T.: 6.566 min
Delta R.T.: -0.003 min
Response: 201495285
Conc: 41.17 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 1510252436
Conc: 42.15 ng/ml



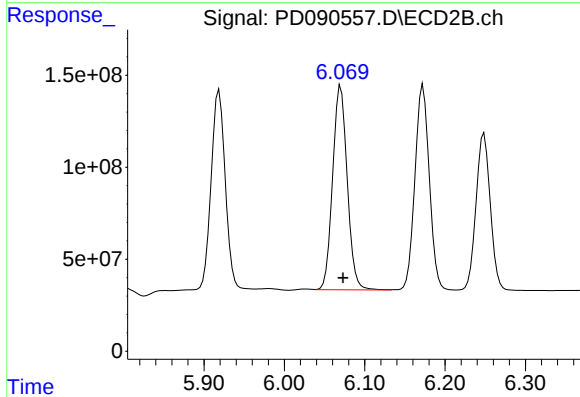
#15 Endosulfan II

R.T.: 6.779 min
Delta R.T.: -0.003 min
Response: 196416063
Conc: 40.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-658-COMP-01MSD

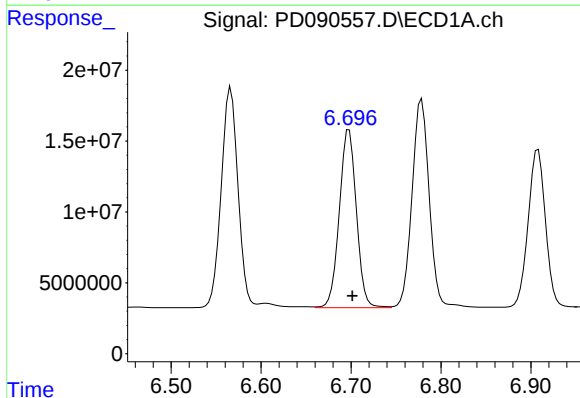
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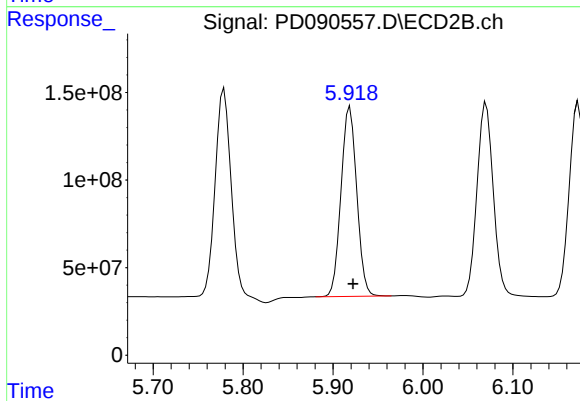
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 1401671330
Conc: 41.53 ng/ml



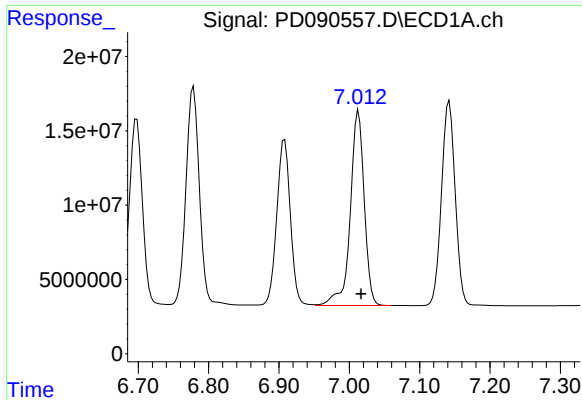
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: -0.003 min
Response: 165492509
Conc: 40.39 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.003 min
Response: 1316965288
Conc: 40.61 ng/ml



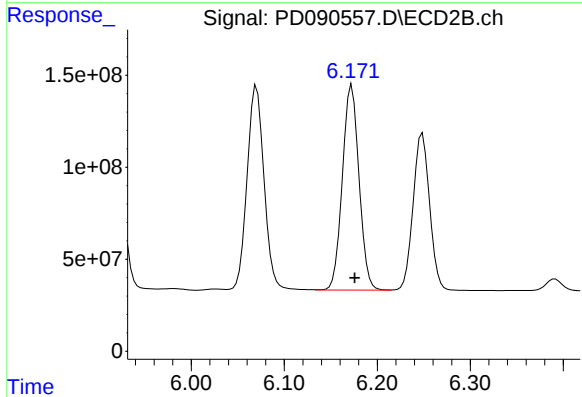
#17 4,4'-DDT

R.T.: 7.013 min
Delta R.T.: -0.004 min
Response: 181187724
Conc: 40.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-658-COMP-01MSD

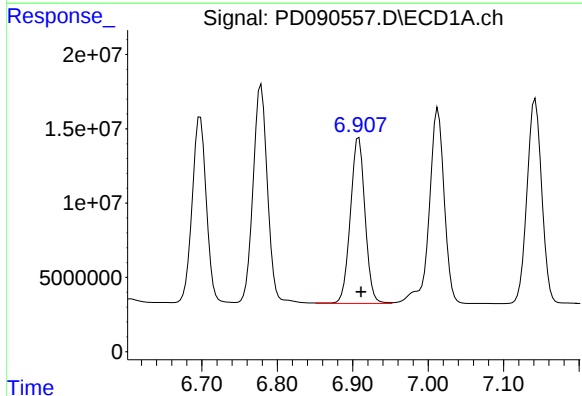
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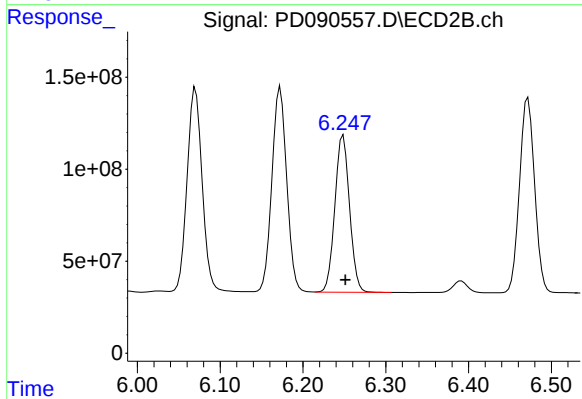
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: -0.003 min
Response: 1386261138
Conc: 40.32 ng/ml



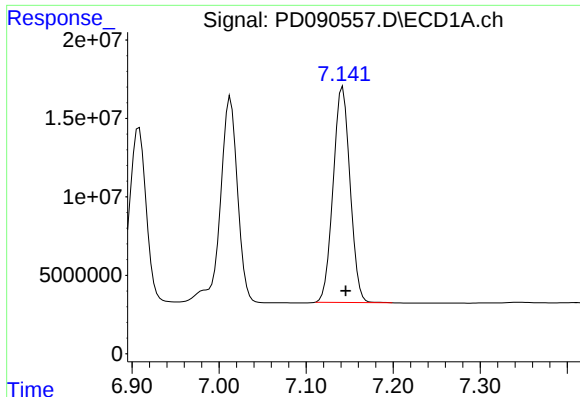
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: -0.003 min
Response: 150935516
Conc: 44.00 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.003 min
Response: 1051699832
Conc: 44.66 ng/ml



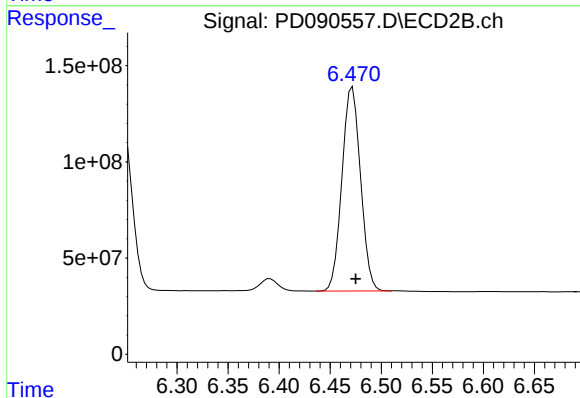
#19 Endosulfan Sulfate

R.T.: 7.142 min
Delta R.T.: -0.003 min
Response: 185688399
Conc: 40.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
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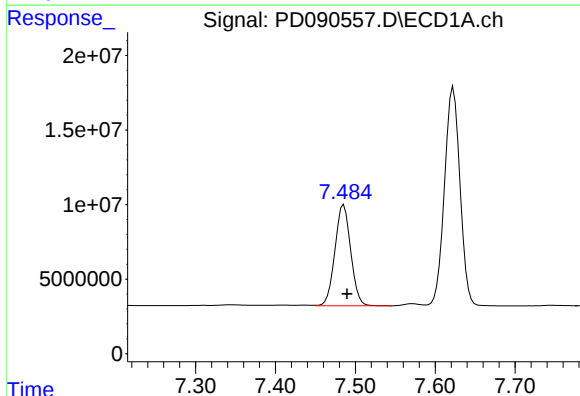
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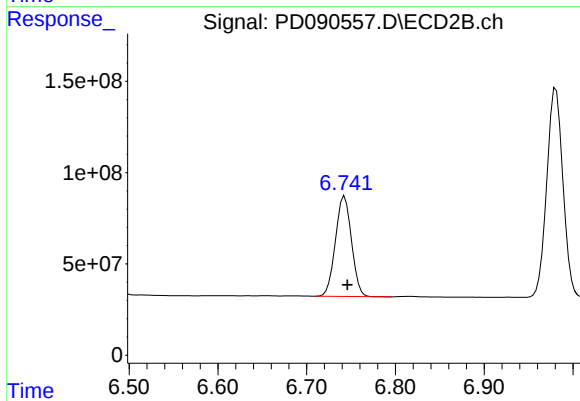
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.003 min
Response: 1343582930
Conc: 41.10 ng/ml



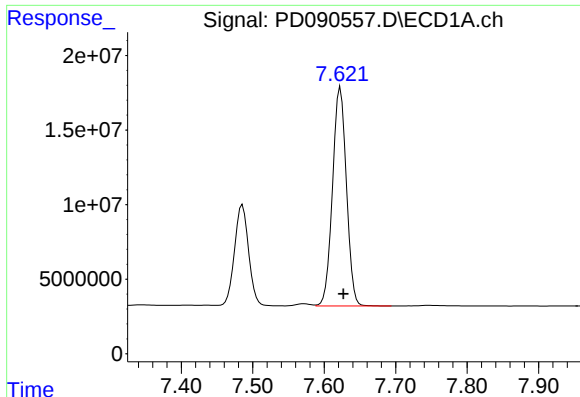
#20 Methoxychlor

R.T.: 7.486 min
Delta R.T.: -0.004 min
Response: 92949808
Conc: 39.44 ng/ml



#20 Methoxychlor

R.T.: 6.743 min
Delta R.T.: -0.003 min
Response: 691282014
Conc: 39.73 ng/ml



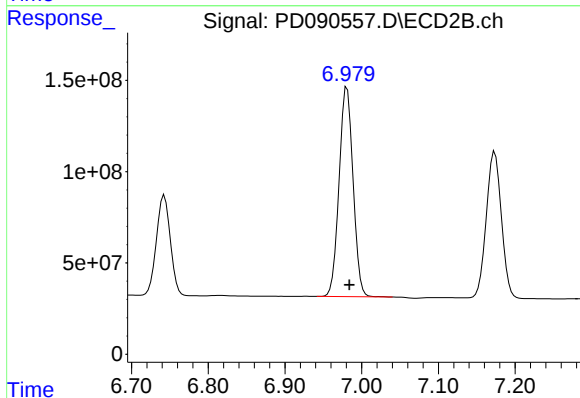
#21 Endrin ketone

R.T.: 7.623 min
Delta R.T.: -0.004 min
Response: 198131389
Conc: 40.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-658-COMP-01MSD

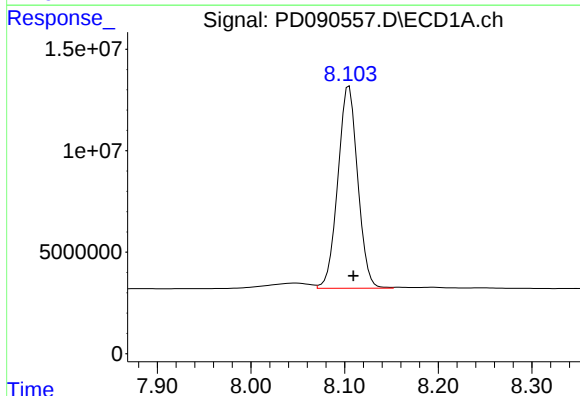
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



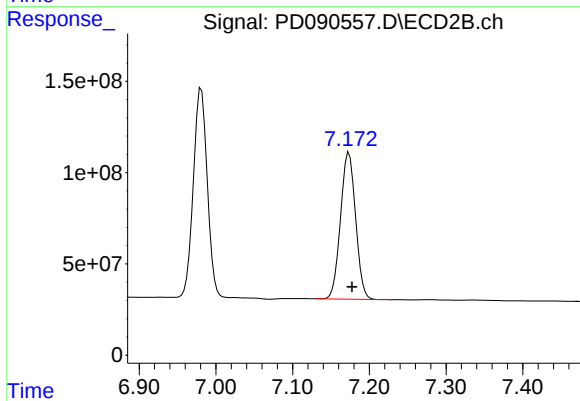
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.003 min
Response: 1455350440
Conc: 40.31 ng/ml



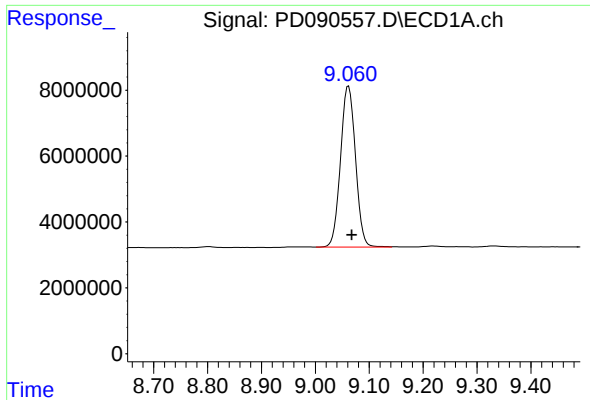
#22 Mirex

R.T.: 8.105 min
Delta R.T.: -0.005 min
Response: 147164428
Conc: 39.72 ng/ml



#22 Mirex

R.T.: 7.173 min
Delta R.T.: -0.004 min
Response: 1098309961
Conc: 39.79 ng/ml



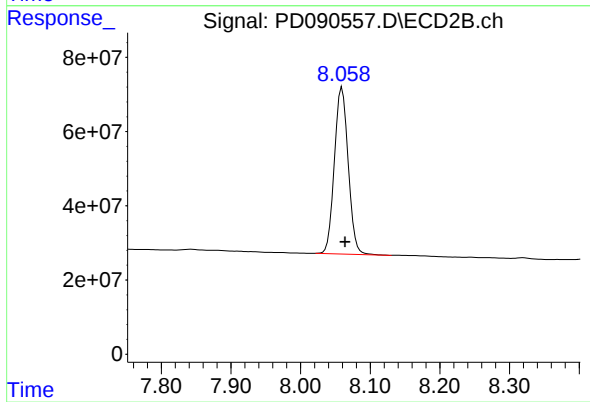
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.006 min
Response: 94335899
Conc: 19.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-658-COMP-01MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.004 min
Response: 619178367
Conc: 19.10 ng/ml