

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101125\
 Data File : PD090556.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 17:15
 Operator : AR\AJ
 Sample : Q3302-06MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

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 08:26:21 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...	3.546	2.876	53694024	502.1E6	16.519	18.291
28)	SA Decachlor...	9.062	8.059	94087396	621.8E6	19.500	19.184
Target Compounds							
2)	A alpha-BHC	3.995	3.387	275.1E6	1719.8E6	39.386	39.281
3)	MA gamma-BHC...	4.325	3.723	252.0E6	1606.9E6	38.080	39.447
4)	MA Heptachlor	4.922	4.075	256.4E6	1576.6E6	38.777	38.721
5)	MB Aldrin	5.264	4.360	245.0E6	1555.0E6	38.591	38.938
6)	B beta-BHC	4.512	4.019	97806336	687.5E6	37.911	39.657
7)	B delta-BHC	4.759	4.255	269.0E6	1649.9E6	41.649m	39.953
8)	B Heptachlo...	5.684	4.864	223.6E6	1519.0E6	39.125	41.205
9)	A Endosulfan I	6.065	5.238	214.2E6	1386.8E6	39.652m	40.075
10)	B gamma-Chl...	5.939	5.116	220.3E6	1585.3E6	38.567	40.352
11)	B alpha-Chl...	6.018	5.181	245.2E6	1524.9E6	42.563m	40.486
12)	B 4,4'-DDE	6.189	5.365	206.4E6	1552.9E6	39.626	40.567
13)	MA Dieldrin	6.339	5.503	229.7E6	1580.8E6	39.842	40.590
14)	MA Endrin	6.567	5.779	198.6E6	1486.0E6	40.574	41.470
15)	B Endosulfa...	6.780	6.071	194.9E6	1394.9E6	39.967	41.329
16)	A 4,4'-DDD	6.698	5.919	163.4E6	1308.5E6	39.875	40.350
17)	MA 4,4'-DDT	7.014	6.173	179.0E6	1381.8E6	40.193	40.194
18)	B Endrin al...	6.908	6.249	148.4E6	1048.6E6	43.251	44.531
19)	B Endosulfa...	7.143	6.472	183.2E6	1337.6E6	39.828	40.917
20)	A Methoxychlor	7.487	6.743	92549443	692.4E6	39.274	39.790
21)	B Endrin ke...	7.624	6.981	196.5E6	1450.7E6	39.717	40.183
22)	Mirex	8.105	7.174	144.9E6	1098.1E6	39.112	39.778

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101125\
Data File : PD090556.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 17:15
Operator : AR\AJ
Sample : Q3302-06MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

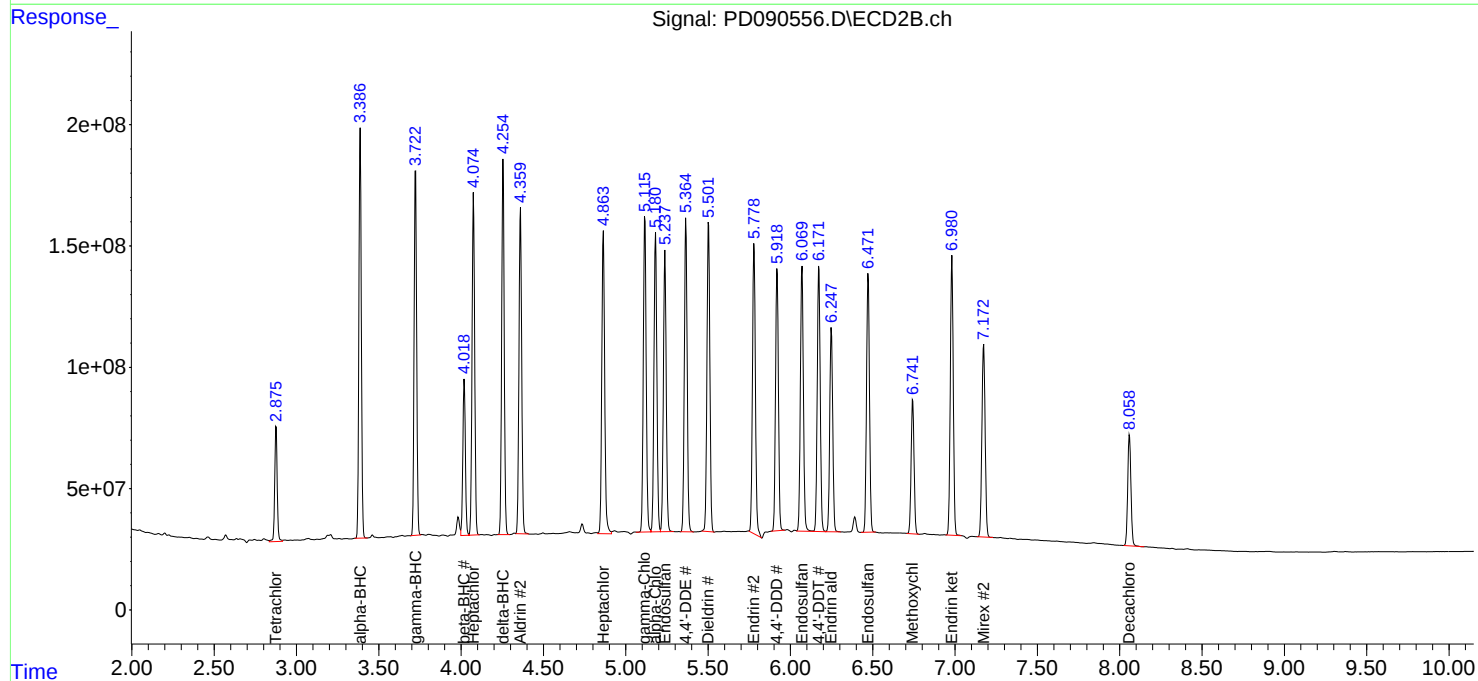
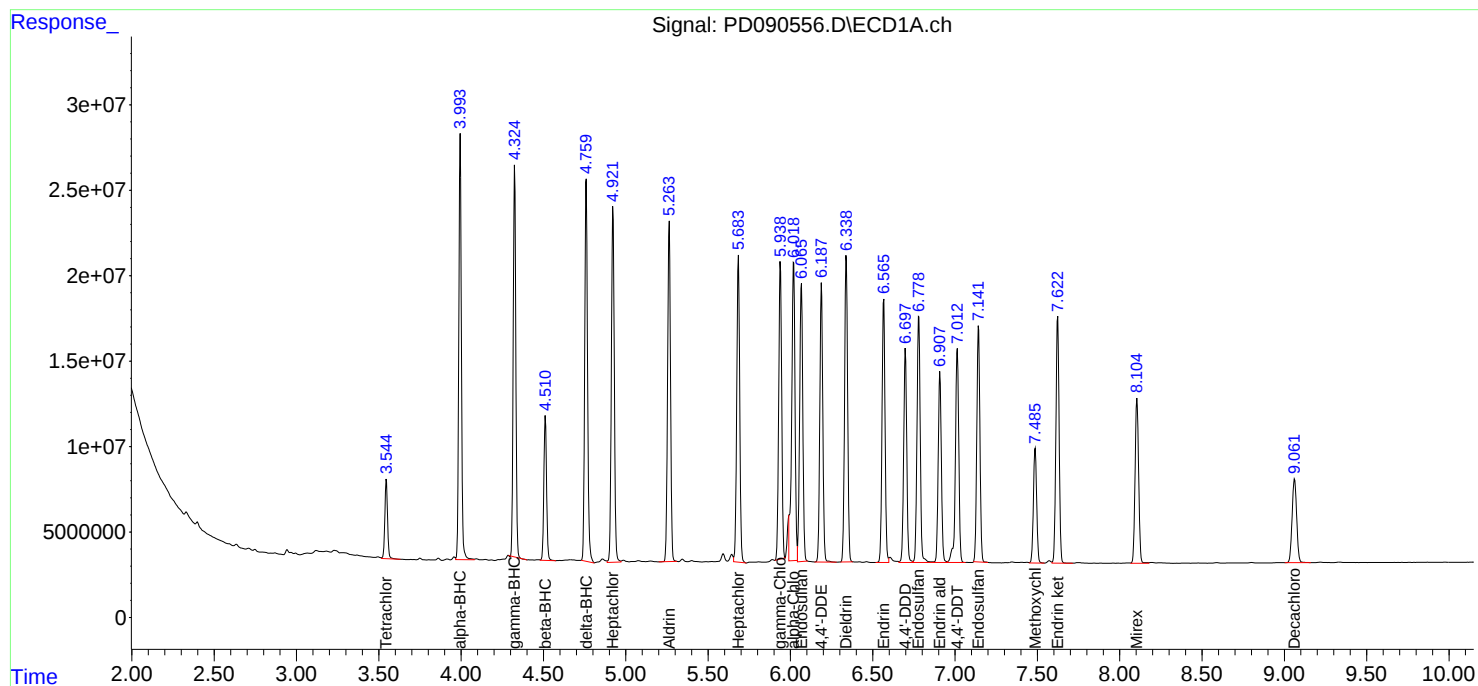
Instrument :
ECD_D
ClientSampleId :
OR-658-COMP-01MS

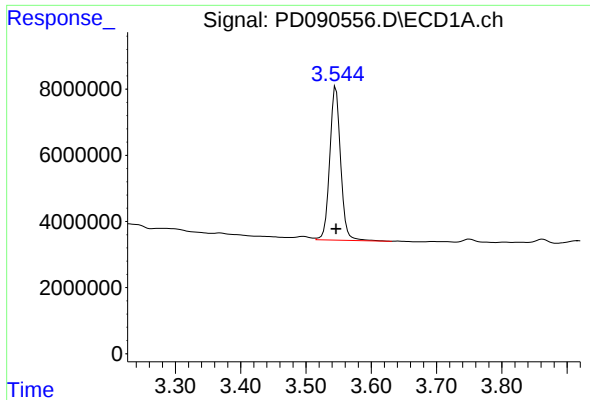
Manual Integrations
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Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 08:26:21 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





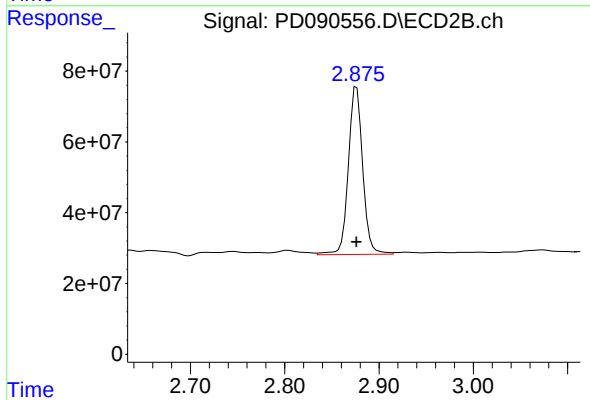
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 53694024
Conc: 16.52 ng/ml

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

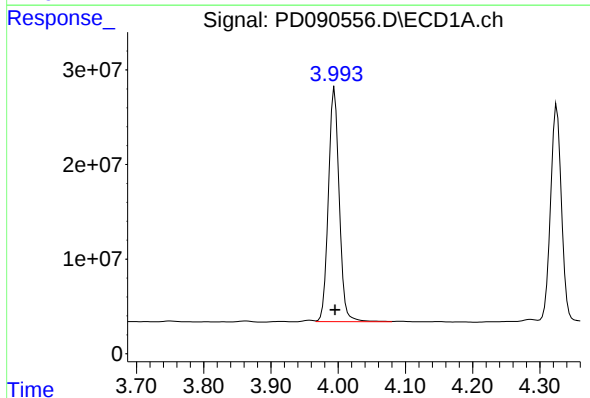
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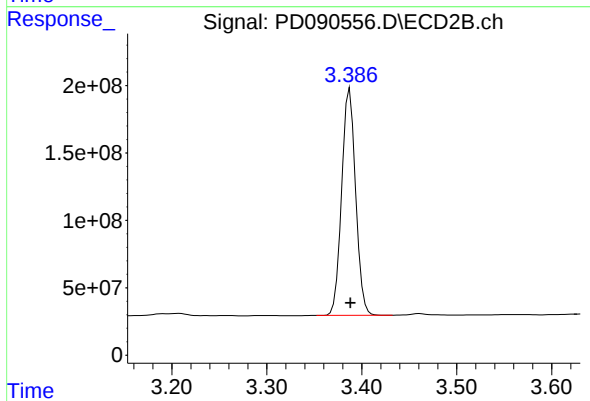
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 502074006
Conc: 18.29 ng/ml



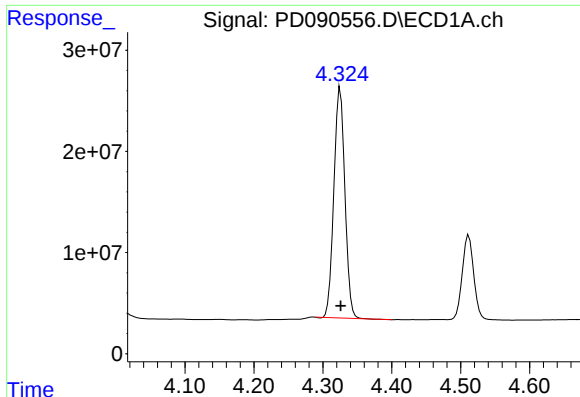
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 275090722
Conc: 39.39 ng/ml



#2 alpha-BHC

R.T.: 3.387 min
Delta R.T.: 0.000 min
Response: 1719822746
Conc: 39.28 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 251972915
Conc: 38.08 ng/ml

Instrument :

ECD_D

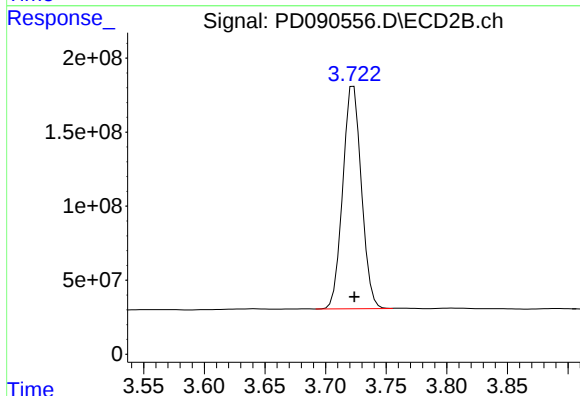
ClientSampleId :

OR-658-COMP-01MS

Manual Integrations

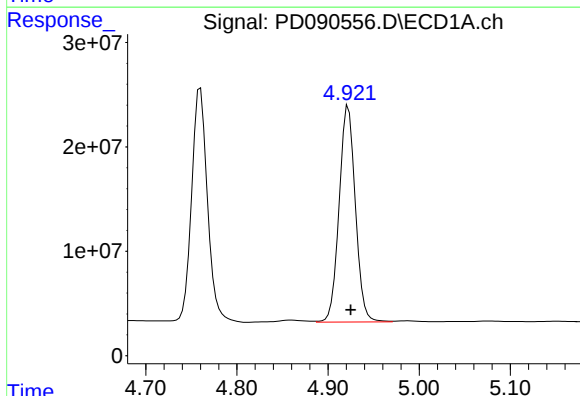
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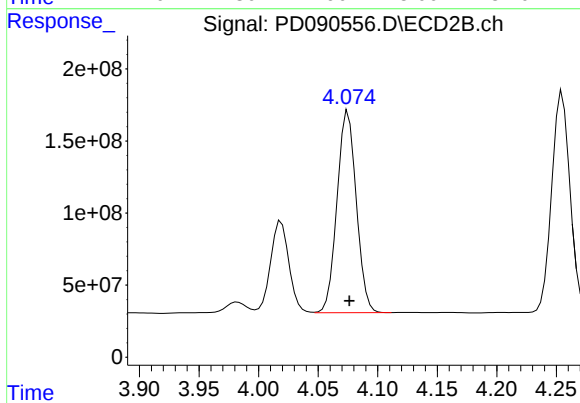
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 1606902747
Conc: 39.45 ng/ml



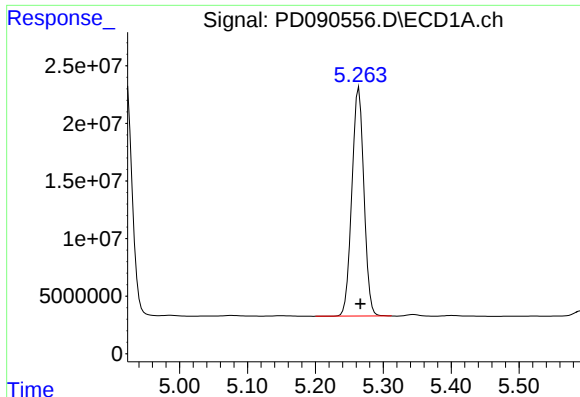
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: -0.003 min
Response: 256416791
Conc: 38.78 ng/ml



#4 Heptachlor

R.T.: 4.075 min
Delta R.T.: -0.001 min
Response: 1576592793
Conc: 38.72 ng/ml



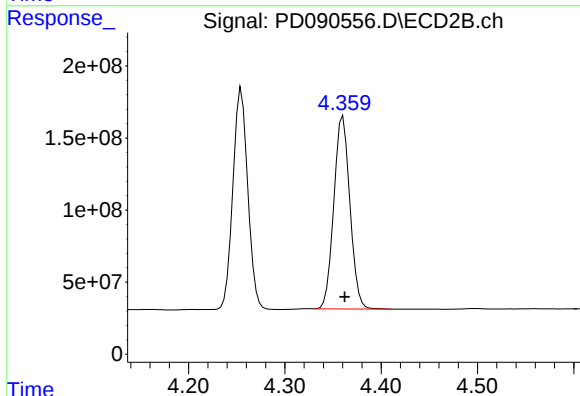
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: -0.002 min
Response: 245047739
Conc: 38.59 ng/ml

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

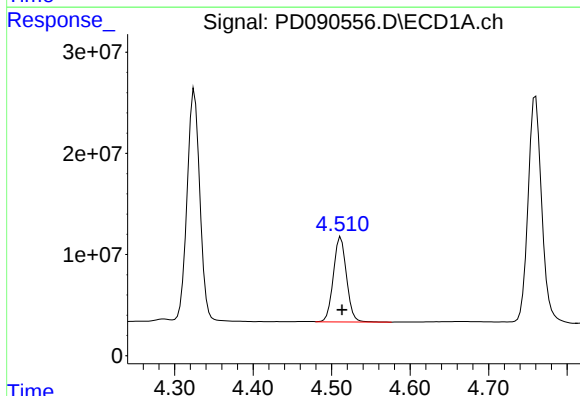
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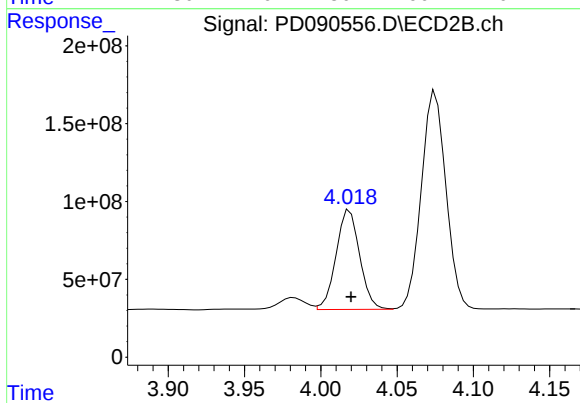
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: -0.002 min
Response: 1554974204
Conc: 38.94 ng/ml



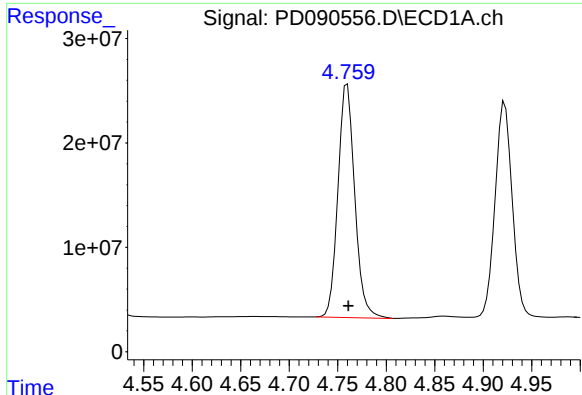
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: -0.002 min
Response: 97806336
Conc: 37.91 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 687470414
Conc: 39.66 ng/ml



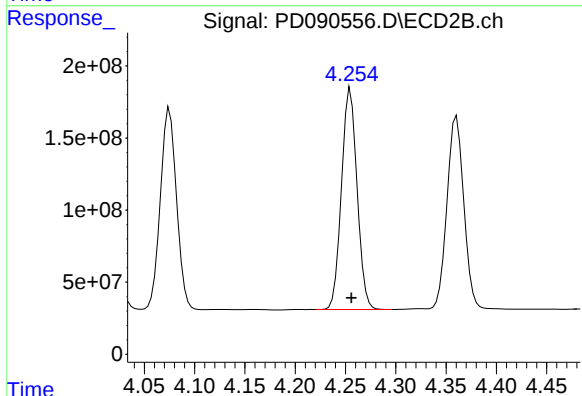
#7 delta-BHC

R.T.: 4.759 min
Delta R.T.: -0.003 min
Response: 268950680
Conc: 41.65 ng/ml

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

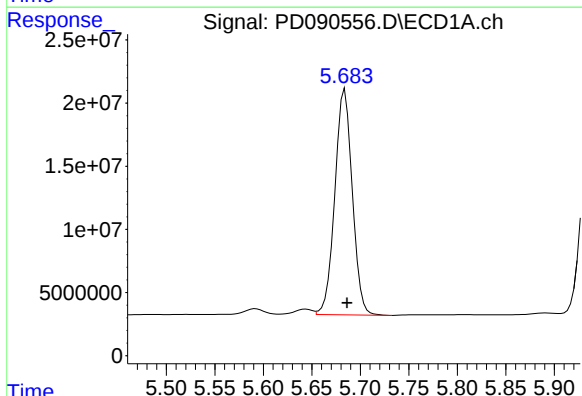
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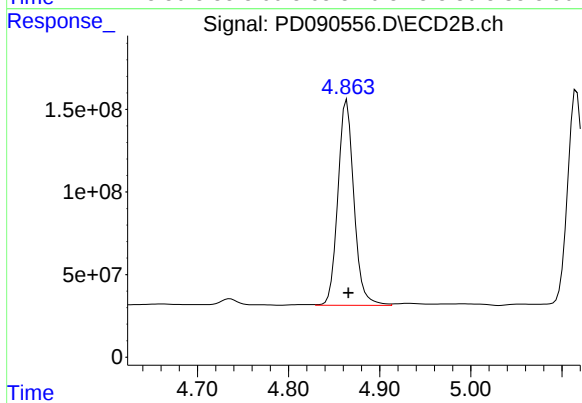
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: -0.001 min
Response: 1649863646
Conc: 39.95 ng/ml



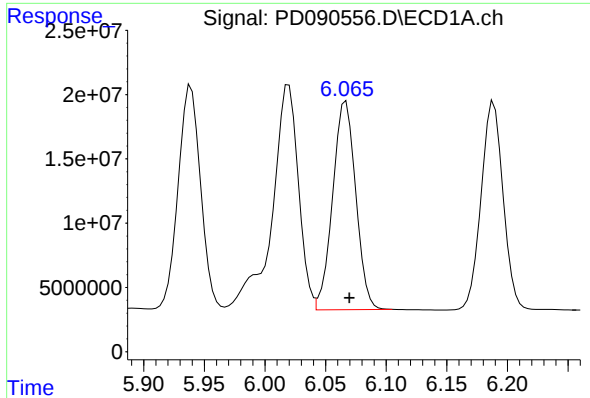
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.002 min
Response: 223596018
Conc: 39.12 ng/ml



#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: -0.002 min
Response: 1519032133
Conc: 41.21 ng/ml



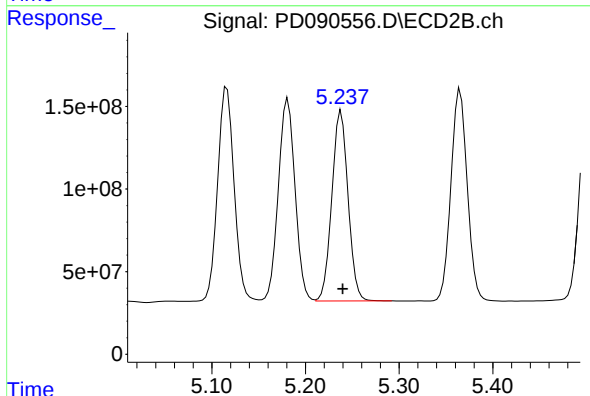
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.004 min
Response: 214180824
Conc: 39.65 ng/ml

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

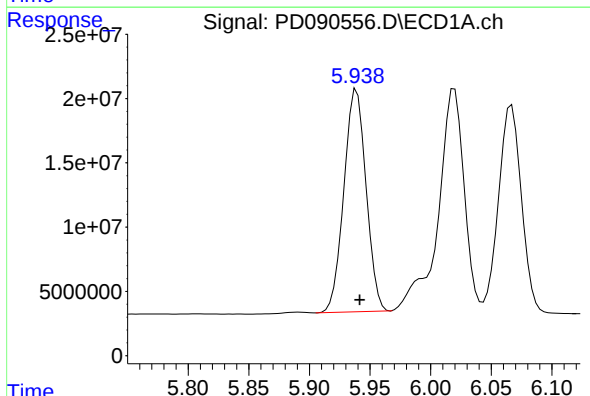
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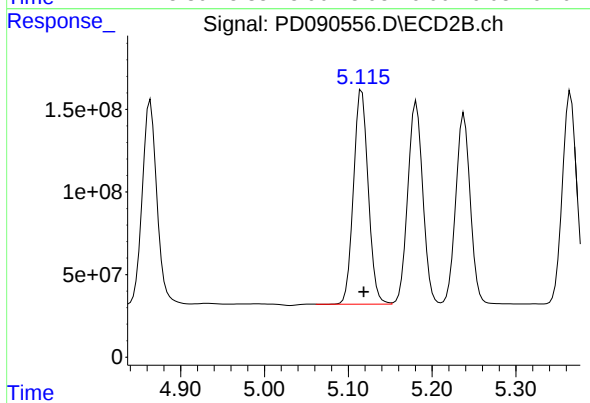
#9 Endosulfan I

R.T.: 5.238 min
Delta R.T.: -0.002 min
Response: 1386808382
Conc: 40.08 ng/ml



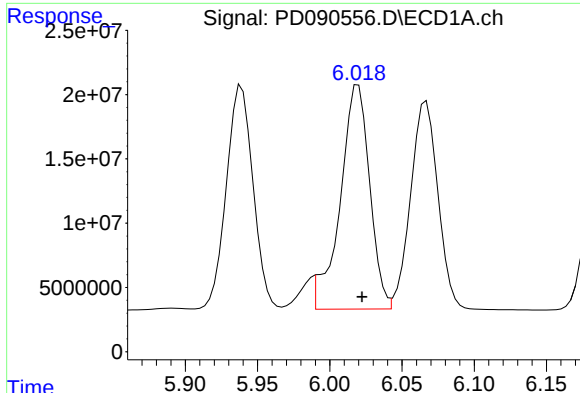
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.003 min
Response: 220293073
Conc: 38.57 ng/ml



#10 gamma-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 1585272240
Conc: 40.35 ng/ml



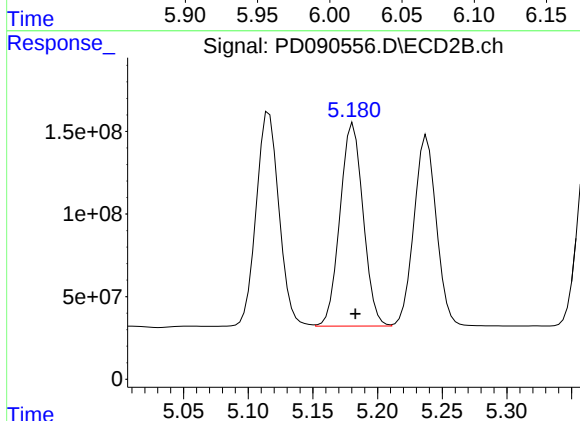
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: -0.004 min
Response: 245200751
Conc: 42.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
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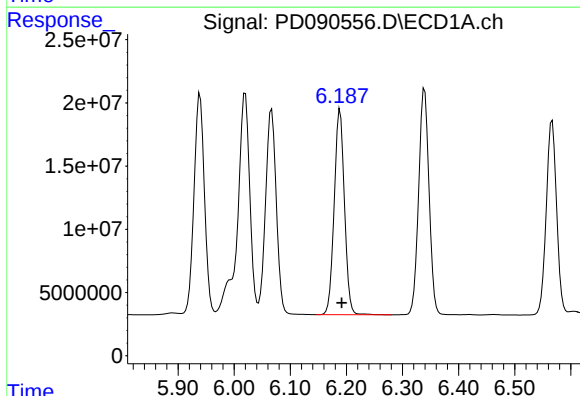
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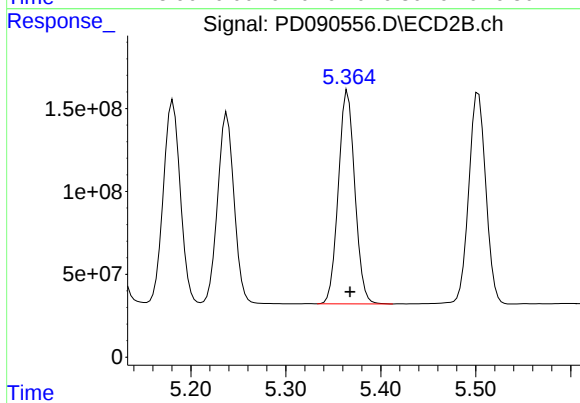
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: -0.002 min
Response: 1524924044
Conc: 40.49 ng/ml



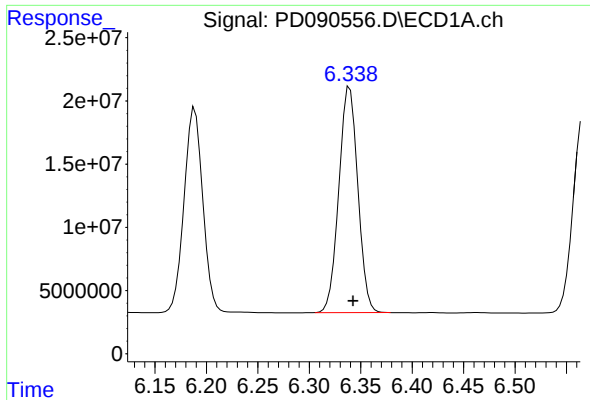
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.003 min
Response: 206350359
Conc: 39.63 ng/ml



#12 4,4'-DDE

R.T.: 5.365 min
Delta R.T.: -0.003 min
Response: 1552877889
Conc: 40.57 ng/ml



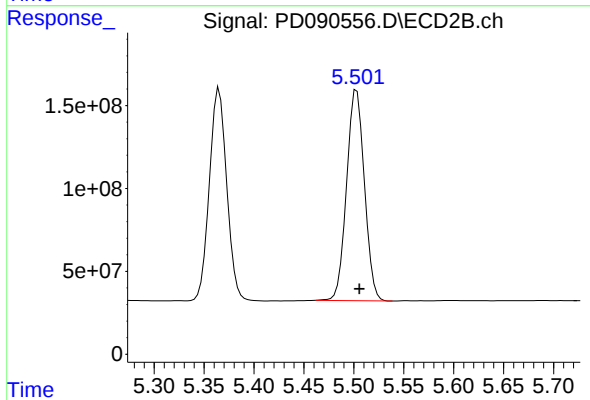
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.003 min
Response: 229679519
Conc: 39.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
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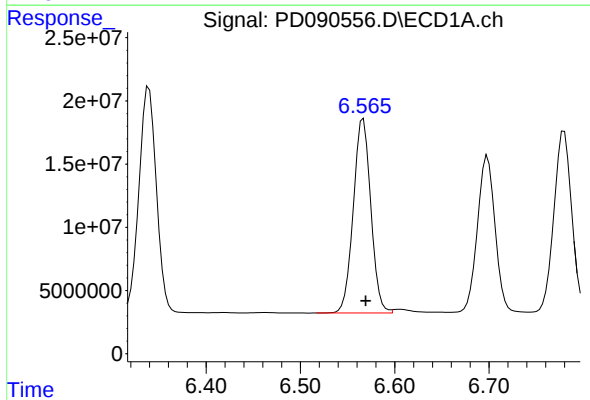
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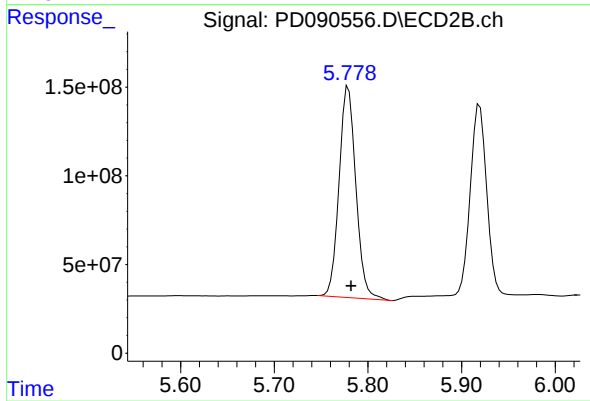
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: -0.003 min
Response: 1580814094
Conc: 40.59 ng/ml



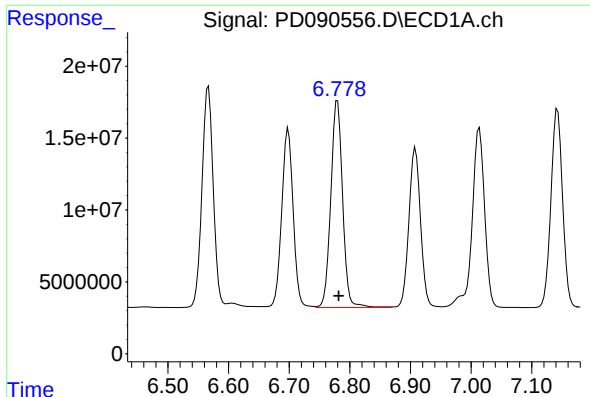
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.003 min
Response: 198565143
Conc: 40.57 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 1485966617
Conc: 41.47 ng/ml



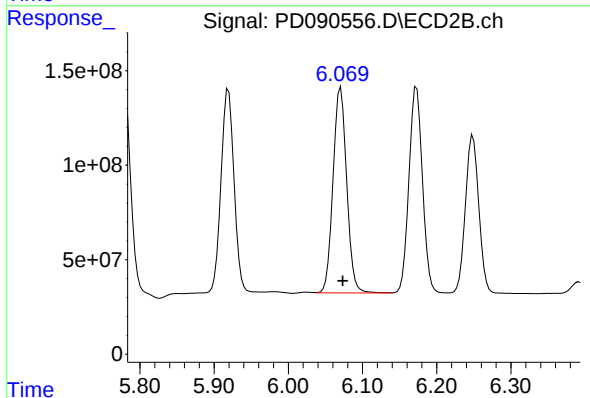
#15 Endosulfan II

R.T.: 6.780 min
Delta R.T.: -0.002 min
Response: 194949802
Conc: 39.97 ng/ml

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

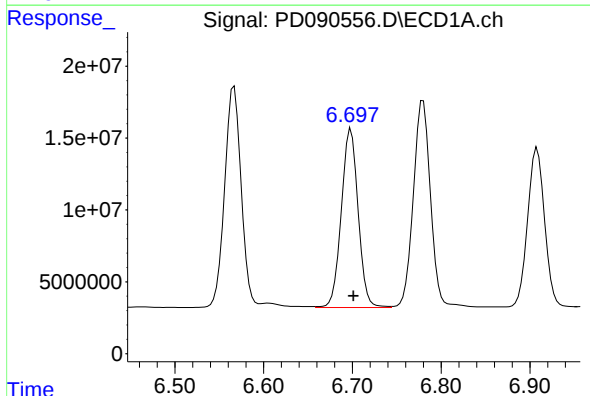
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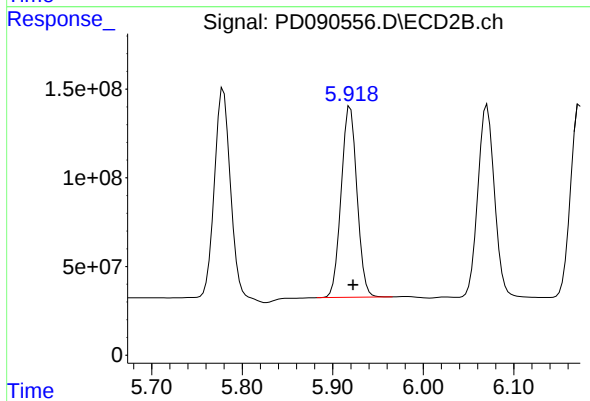
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.003 min
Response: 1394870725
Conc: 41.33 ng/ml



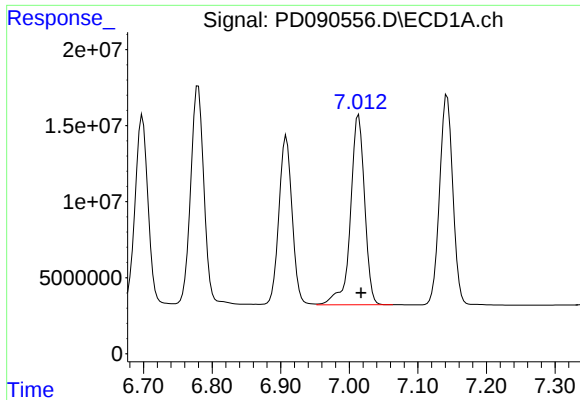
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: -0.003 min
Response: 163400923
Conc: 39.88 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.003 min
Response: 1308463443
Conc: 40.35 ng/ml



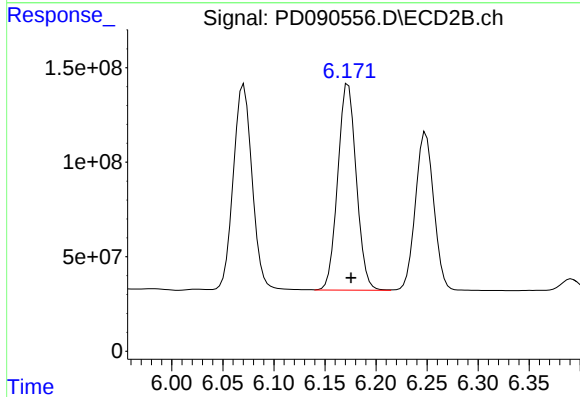
#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: -0.003 min
Response: 178956517
Conc: 40.19 ng/ml

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

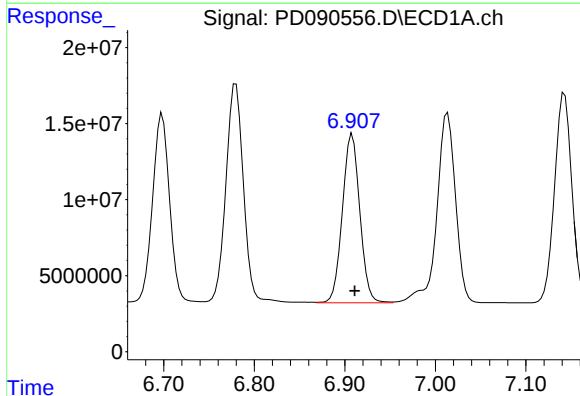
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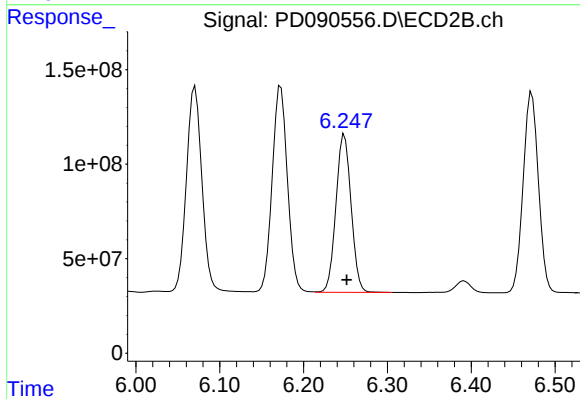
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: -0.003 min
Response: 1381841038
Conc: 40.19 ng/ml



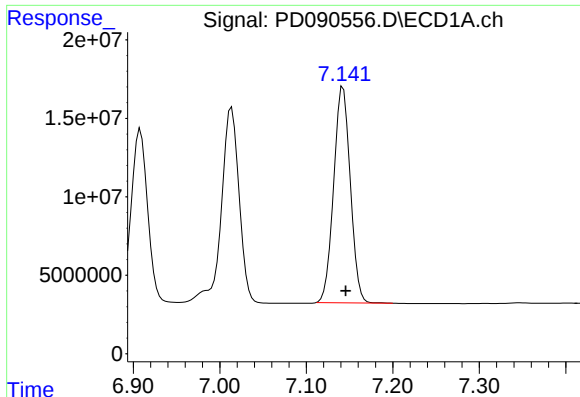
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: -0.003 min
Response: 148377803
Conc: 43.25 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.003 min
Response: 1048565200
Conc: 44.53 ng/ml



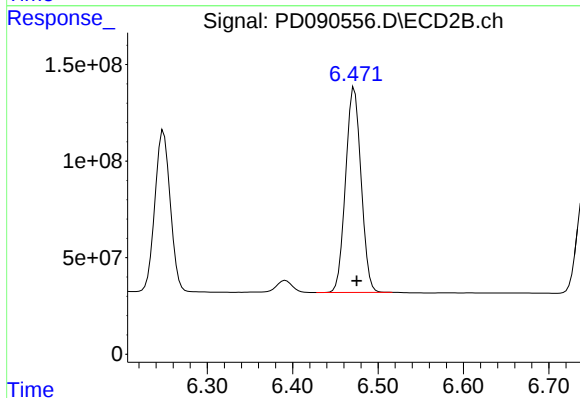
#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: -0.003 min
Response: 183222988
Conc: 39.83 ng/ml

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

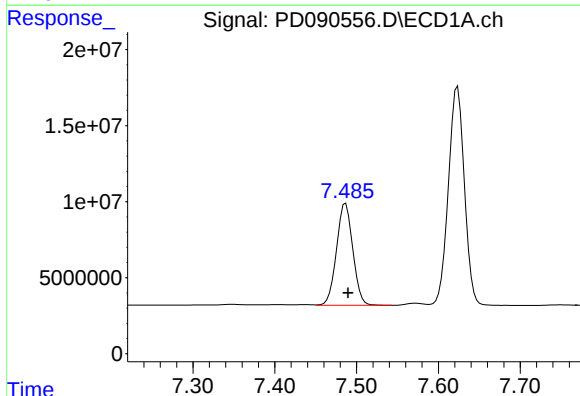
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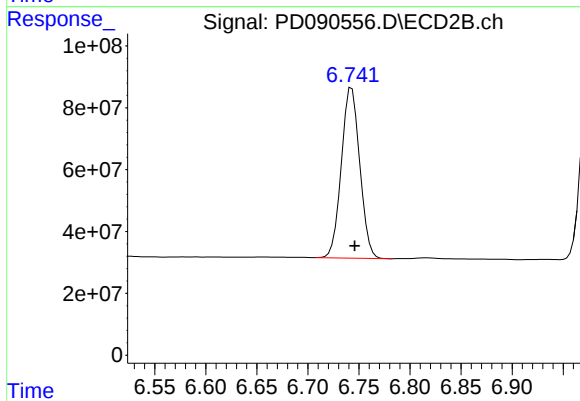
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.003 min
Response: 1337578161
Conc: 40.92 ng/ml



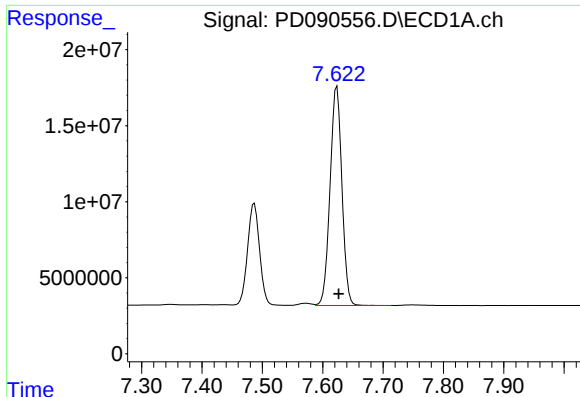
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: -0.003 min
Response: 92549443
Conc: 39.27 ng/ml



#20 Methoxychlor

R.T.: 6.743 min
Delta R.T.: -0.003 min
Response: 692353317
Conc: 39.79 ng/ml



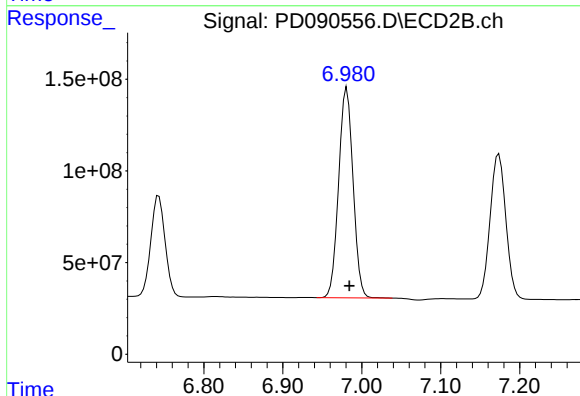
#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: -0.003 min
Response: 196492691
Conc: 39.72 ng/ml

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

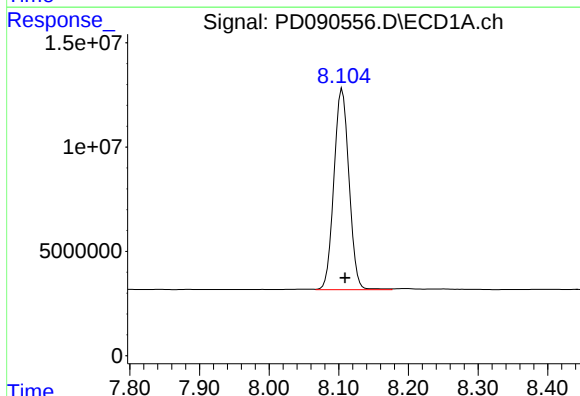
Manual Integrations
APPROVED

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



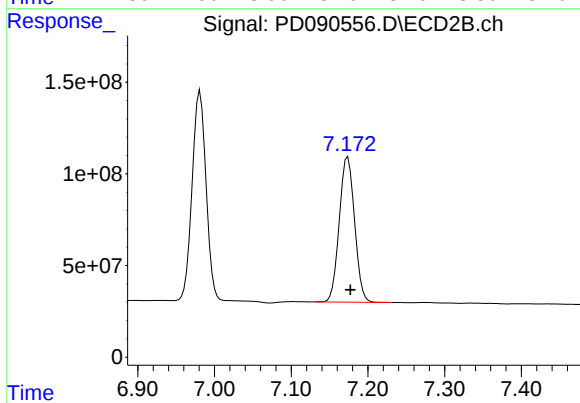
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.003 min
Response: 1450712300
Conc: 40.18 ng/ml



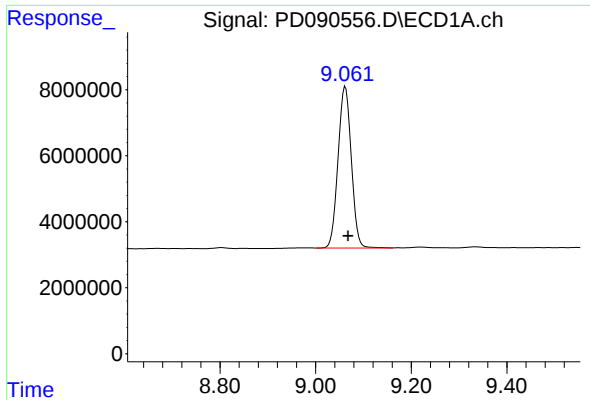
#22 Mirex

R.T.: 8.105 min
Delta R.T.: -0.004 min
Response: 144903536
Conc: 39.11 ng/ml



#22 Mirex

R.T.: 7.174 min
Delta R.T.: -0.004 min
Response: 1098106102
Conc: 39.78 ng/ml



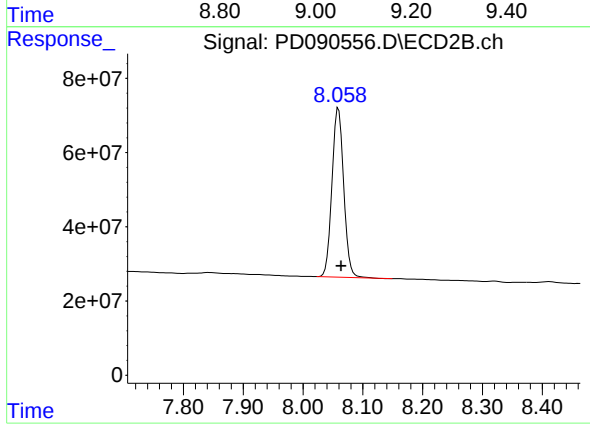
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.006 min
Response: 94087396
Conc: 19.50 ng/ml

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

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.005 min
Response: 621836971
Conc: 19.18 ng/ml