

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012820\
 Data File : PD057078.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jan 2020 14:38
 Operator : AJ\MA
 Sample : L1008-21MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 CL-02-012420MSD

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 29 00:26:22 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011820.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 20 05:43:46 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.286	3.960	17578806	37154770	21.286	22.706
28)	SA Decachlor...	7.959	8.998	20349802	36304358	20.997	21.782
Target Compounds							
2)	A alpha-BHC	3.713	4.347	76336737	153.3E6	58.444	60.583
3)	MA gamma-BHC...	3.988	4.628	72772156	146.2E6	54.566	59.835m
4)	MA Heptachlor	4.273	5.136	65898775	140.6E6	56.488	58.767
5)	MB Aldrin	4.512	5.440	64771253	132.8E6	55.720	58.568
6)	B beta-BHC	4.238	4.799	27163662	60952225	52.580	57.931
7)	B delta-BHC	4.433	5.013	62577852	79267861	50.233	35.438m#
8)	B Heptachlo...	4.949	5.823	60678285	94278365	56.512	43.419
9)	A Endosulfan I	5.279	6.179	57043189	117.4E6	58.043	57.864
10)	B gamma-Chl...	5.170	6.057	61568139	127.5E6	56.683	57.248
11)	B alpha-Chl...	5.228	6.130	61191865	127.9E6	56.528	57.450
12)	B 4,4'-DDE	5.396	6.286	59974671	119.4E6	63.504	59.751
13)	MA Dieldrin	5.519	6.435	61628024	125.2E6	57.859	58.438
14)	MA Endrin	5.773	6.652	52753938	101.6E6	59.338	59.029
15)	B Endosulfa...	6.047	6.860	54603892	109.8E6	56.313	57.556
16)	A 4,4'-DDD	5.906	6.775	46206864	94928476	55.107	56.429
17)	MA 4,4'-DDT	6.142	7.073	46284053	99295253	64.288	64.479
18)	B Endrin al...	6.215	6.983	45665956	90878830	54.004	55.088m
19)	B Endosulfa...	6.426	7.207	49280964	100.9E6	53.776	55.111
20)	A Methoxychlor	6.690	7.531	21713664	49158850	55.347	55.710
21)	B Endrin ke...	6.909	7.676	59804226	114.3E6	54.417	55.625
22)	Mirex	7.084	8.129	43975469	78986790	52.328	53.927

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

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Data File : PD057078.D
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Acq On : 28 Jan 2020 14:38
Operator : AJ\MA
Sample : L1008-21MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

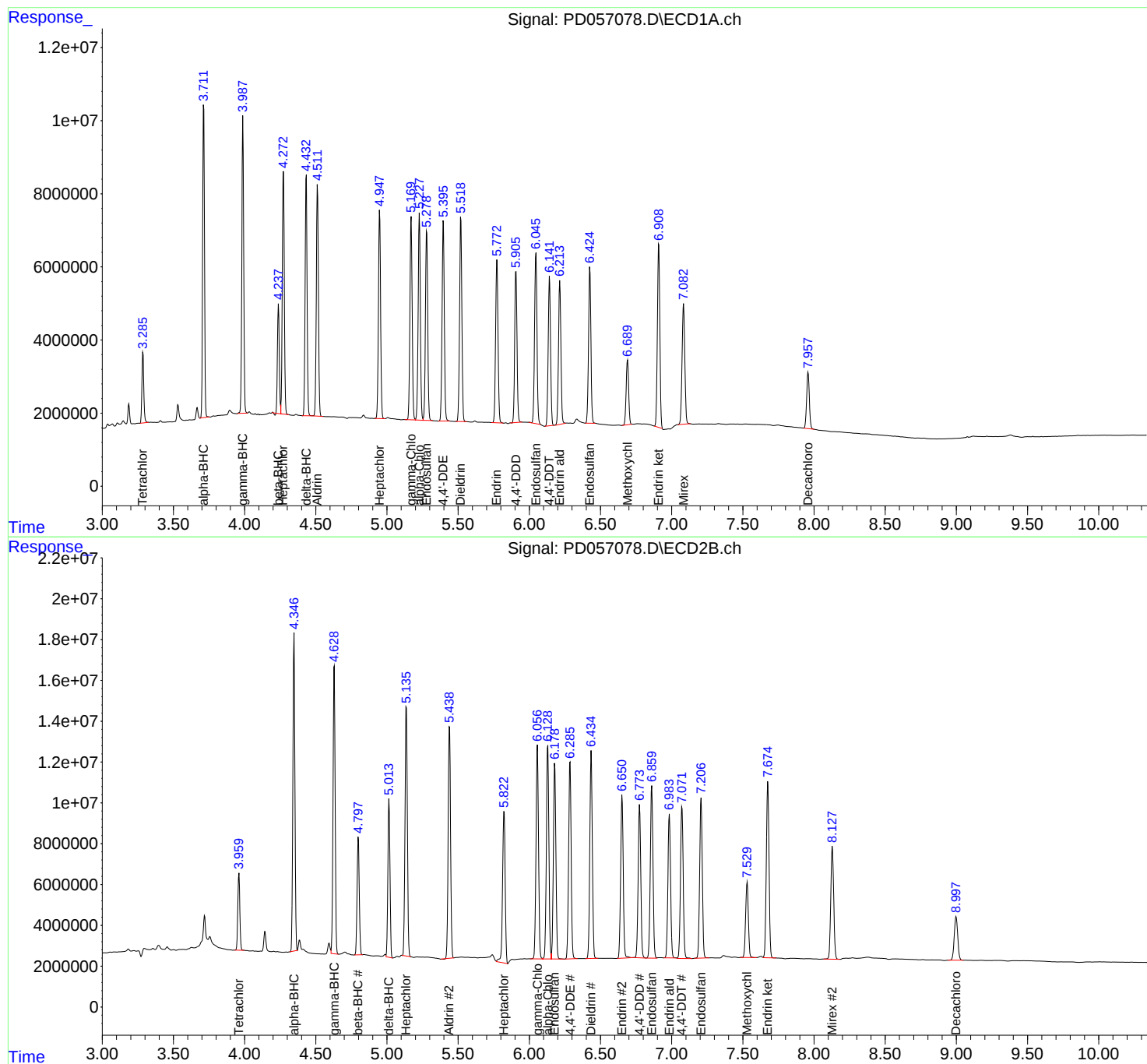
Instrument :
ECD_D
ClientSampleId :
CL-02-012420MSD

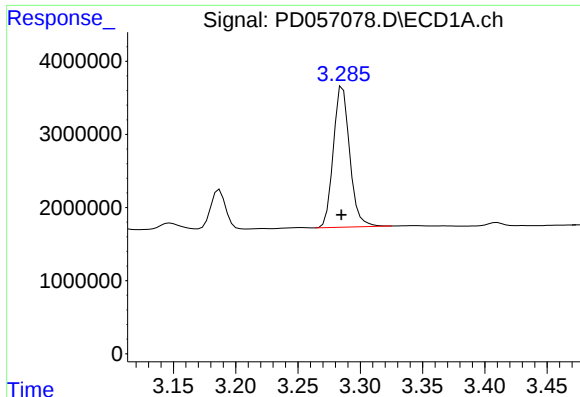
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 00:26:22 2020
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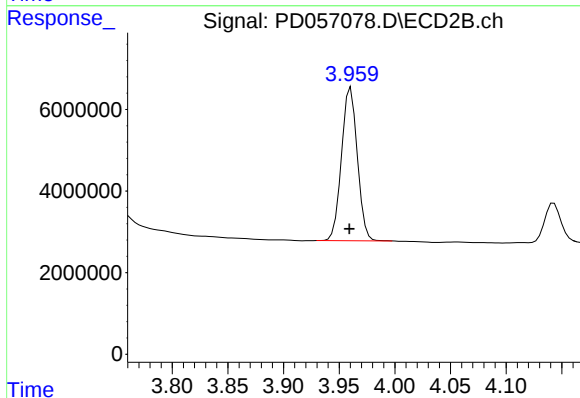
#1 Tetrachloro-m-xylene

R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 17578806
Conc: 21.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
CL-02-012420MSD

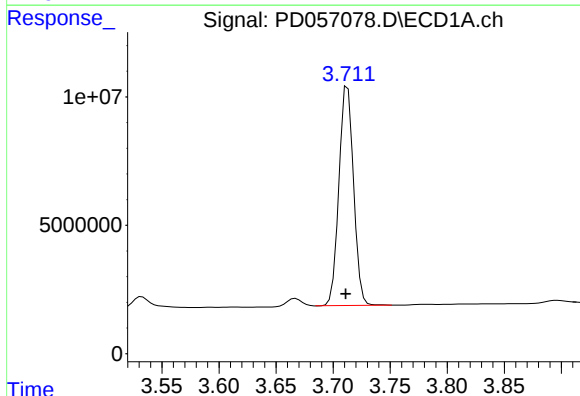
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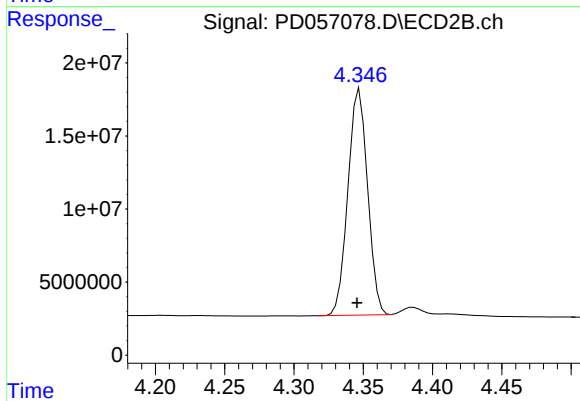
#1 Tetrachloro-m-xylene

R.T.: 3.960 min
Delta R.T.: 0.001 min
Response: 37154770
Conc: 22.71 ng/ml



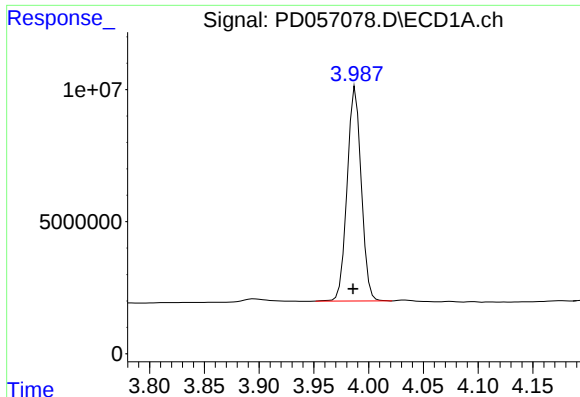
#2 alpha-BHC

R.T.: 3.713 min
Delta R.T.: 0.002 min
Response: 76336737
Conc: 58.44 ng/ml



#2 alpha-BHC

R.T.: 4.347 min
Delta R.T.: 0.002 min
Response: 153288522
Conc: 60.58 ng/ml



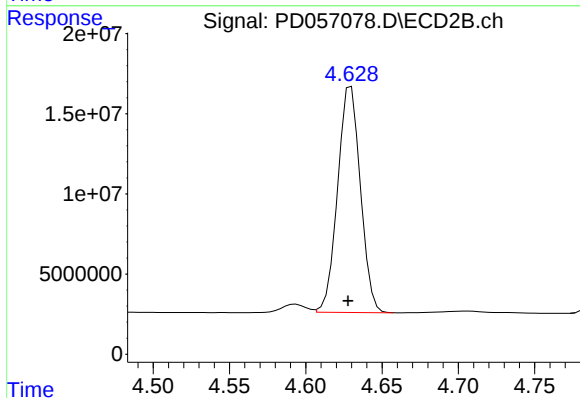
#3 gamma-BHC (Lindane)

R.T.: 3.988 min
Delta R.T.: 0.002 min
Response: 72772156
Conc: 54.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
CL-02-012420MSD

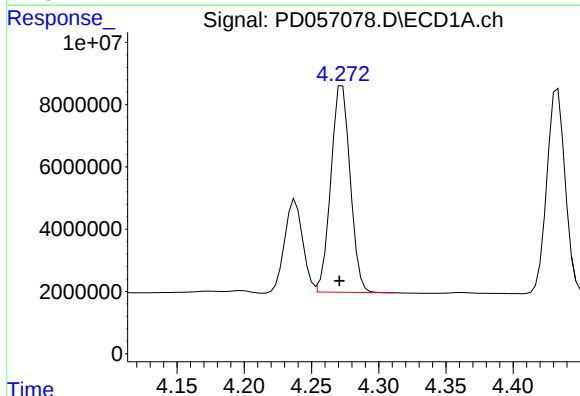
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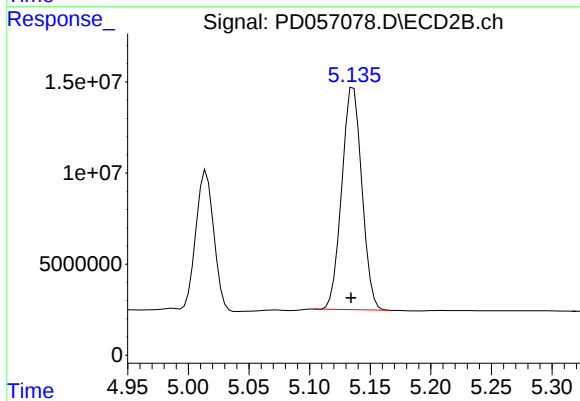
#3 gamma-BHC (Lindane)

R.T.: 4.628 min
Delta R.T.: 0.000 min
Response: 146186015
Conc: 59.83 ng/ml m



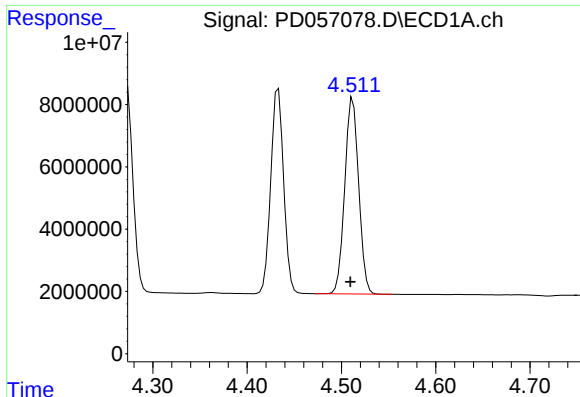
#4 Heptachlor

R.T.: 4.273 min
Delta R.T.: 0.002 min
Response: 65898775
Conc: 56.49 ng/ml



#4 Heptachlor

R.T.: 5.136 min
Delta R.T.: 0.002 min
Response: 140593161
Conc: 58.77 ng/ml



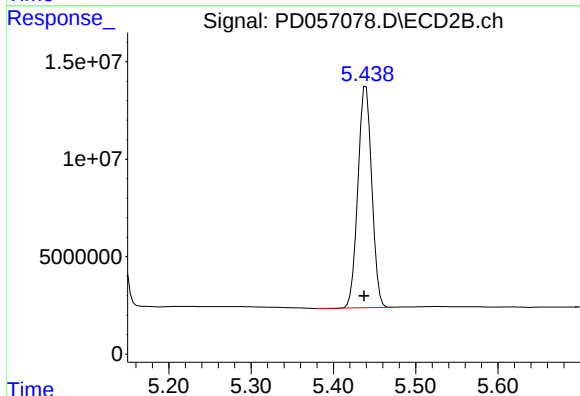
#5 Aldrin

R.T.: 4.512 min
Delta R.T.: 0.003 min
Response: 64771253
Conc: 55.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
CL-02-012420MSD

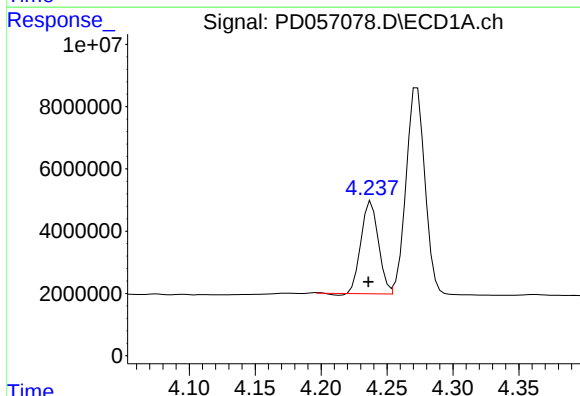
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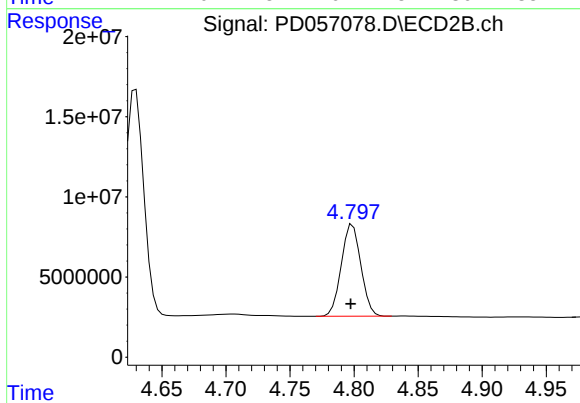
#5 Aldrin

R.T.: 5.440 min
Delta R.T.: 0.002 min
Response: 132766162
Conc: 58.57 ng/ml



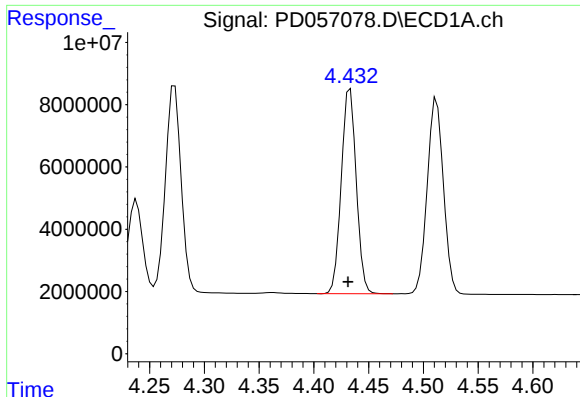
#6 beta-BHC

R.T.: 4.238 min
Delta R.T.: 0.002 min
Response: 27163662
Conc: 52.58 ng/ml



#6 beta-BHC

R.T.: 4.799 min
Delta R.T.: 0.001 min
Response: 60952225
Conc: 57.93 ng/ml



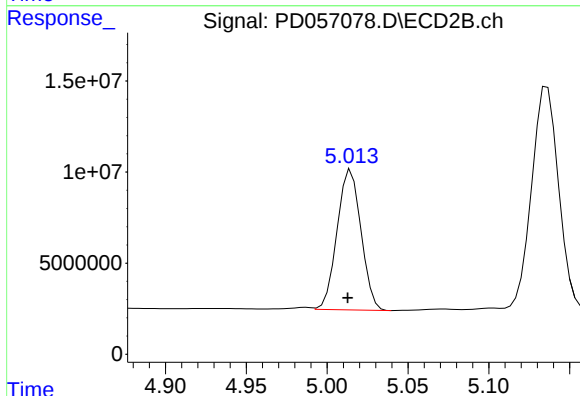
#7 delta-BHC

R.T.: 4.433 min
Delta R.T.: 0.002 min
Response: 62577852
Conc: 50.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
CL-02-012420MSD

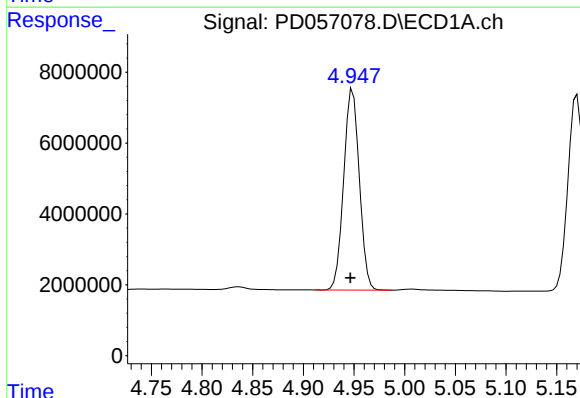
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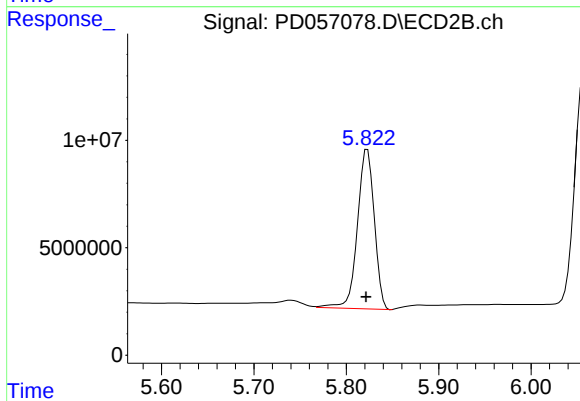
#7 delta-BHC

R.T.: 5.013 min
Delta R.T.: 0.000 min
Response: 79267861
Conc: 35.44 ng/ml m



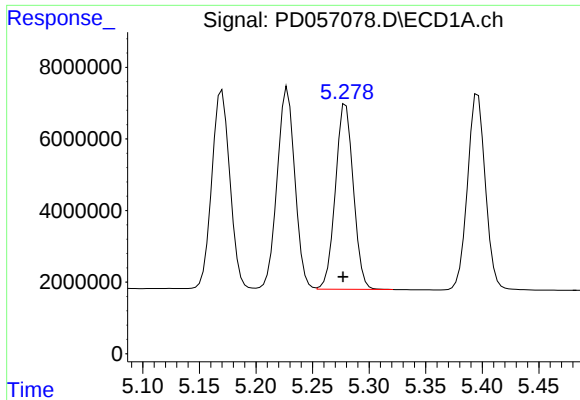
#8 Heptachlor epoxide

R.T.: 4.949 min
Delta R.T.: 0.002 min
Response: 60678285
Conc: 56.51 ng/ml



#8 Heptachlor epoxide

R.T.: 5.823 min
Delta R.T.: 0.002 min
Response: 94278365
Conc: 43.42 ng/ml



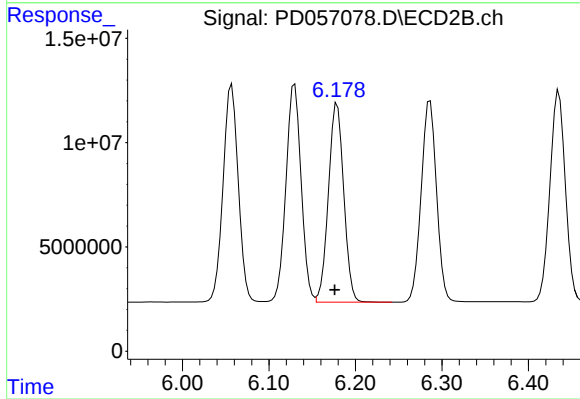
#9 Endosulfan I

R.T.: 5.279 min
Delta R.T.: 0.003 min
Response: 57043189
Conc: 58.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
CL-02-012420MSD

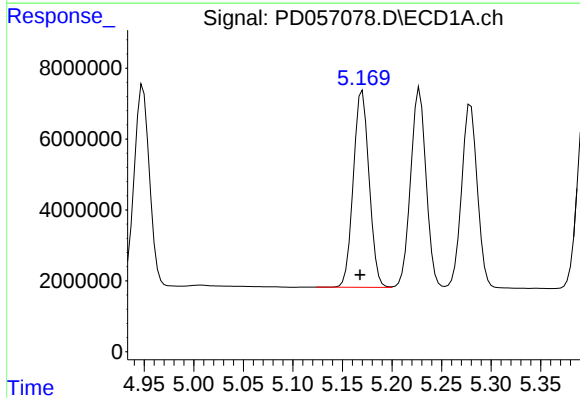
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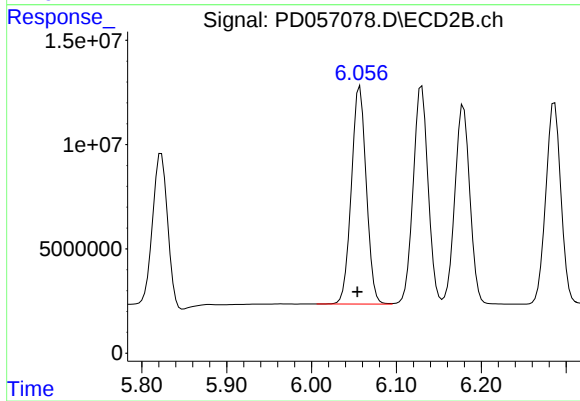
#9 Endosulfan I

R.T.: 6.179 min
Delta R.T.: 0.003 min
Response: 117385636
Conc: 57.86 ng/ml



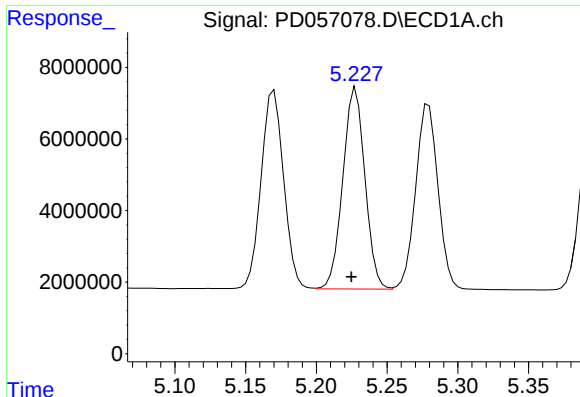
#10 gamma-Chlordane

R.T.: 5.170 min
Delta R.T.: 0.002 min
Response: 61568139
Conc: 56.68 ng/ml



#10 gamma-Chlordane

R.T.: 6.057 min
Delta R.T.: 0.003 min
Response: 127457291
Conc: 57.25 ng/ml



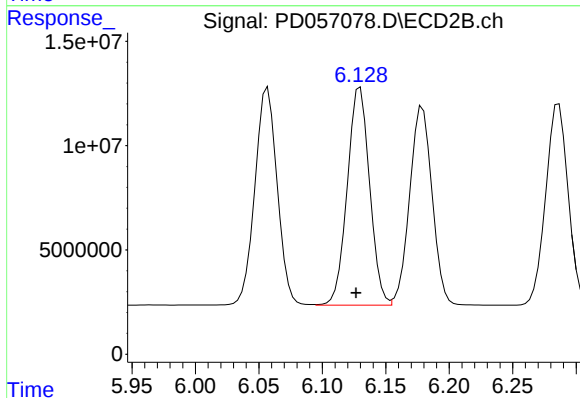
#11 alpha-Chlordane

R.T.: 5.228 min
Delta R.T.: 0.003 min
Response: 61191865
Conc: 56.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
CL-02-012420MSD

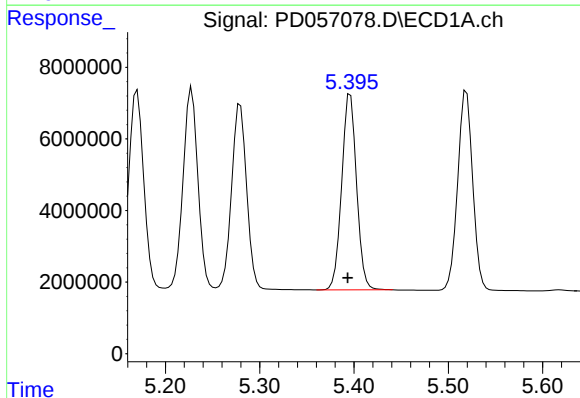
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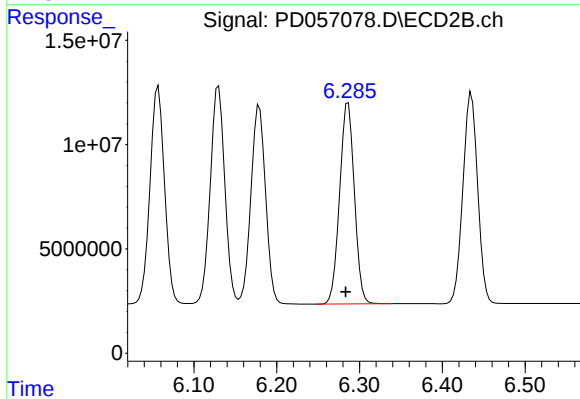
#11 alpha-Chlordane

R.T.: 6.130 min
Delta R.T.: 0.003 min
Response: 127901428
Conc: 57.45 ng/ml



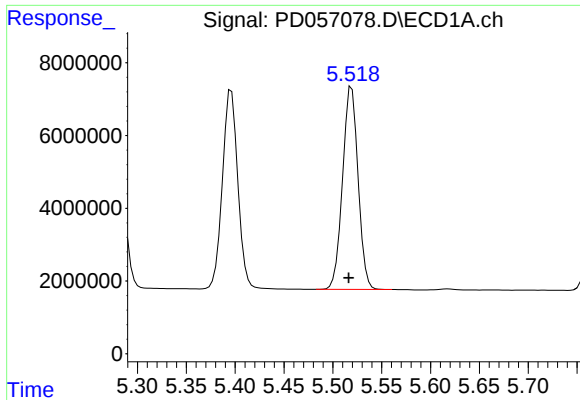
#12 4,4'-DDE

R.T.: 5.396 min
Delta R.T.: 0.003 min
Response: 59974671
Conc: 63.50 ng/ml



#12 4,4'-DDE

R.T.: 6.286 min
Delta R.T.: 0.003 min
Response: 119361455
Conc: 59.75 ng/ml



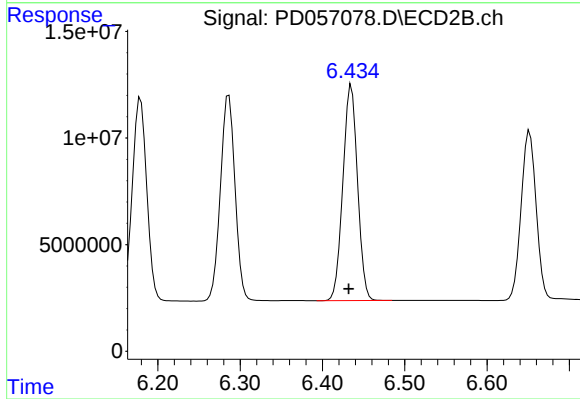
#13 Dieldrin

R.T.: 5.519 min
Delta R.T.: 0.003 min
Response: 61628024
Conc: 57.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
CL-02-012420MSD

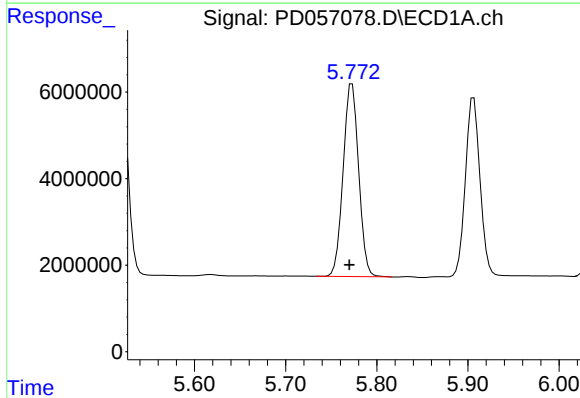
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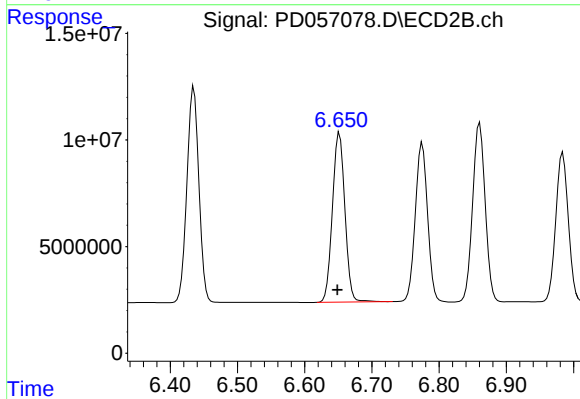
#13 Dieldrin

R.T.: 6.435 min
Delta R.T.: 0.003 min
Response: 125166771
Conc: 58.44 ng/ml



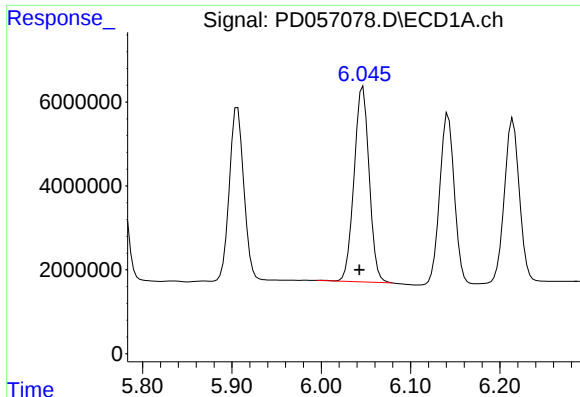
#14 Endrin

R.T.: 5.773 min
Delta R.T.: 0.003 min
Response: 52753938
Conc: 59.34 ng/ml



#14 Endrin

R.T.: 6.652 min
Delta R.T.: 0.003 min
Response: 101588275
Conc: 59.03 ng/ml



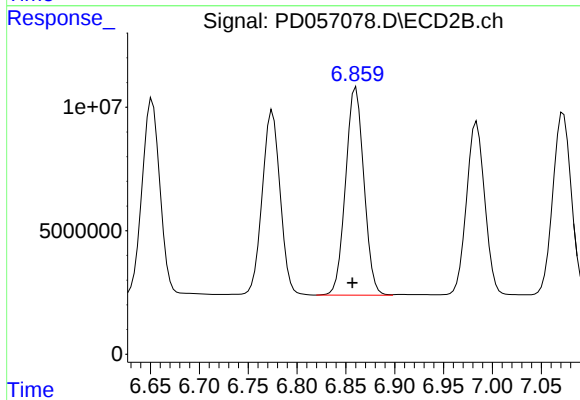
#15 Endosulfan II

R.T.: 6.047 min
Delta R.T.: 0.004 min
Response: 54603892
Conc: 56.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
CL-02-012420MSD

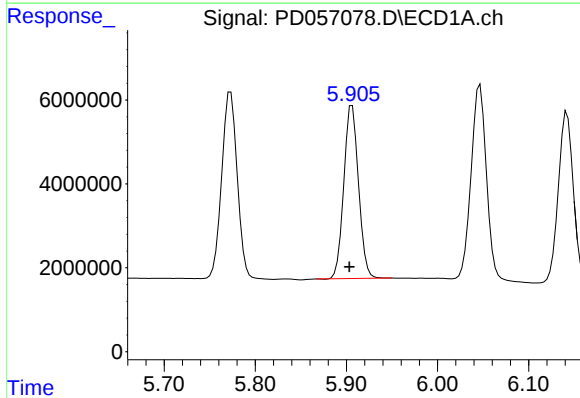
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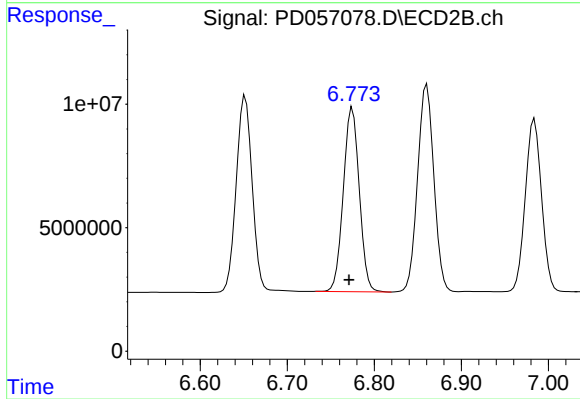
#15 Endosulfan II

R.T.: 6.860 min
Delta R.T.: 0.004 min
Response: 109822681
Conc: 57.56 ng/ml



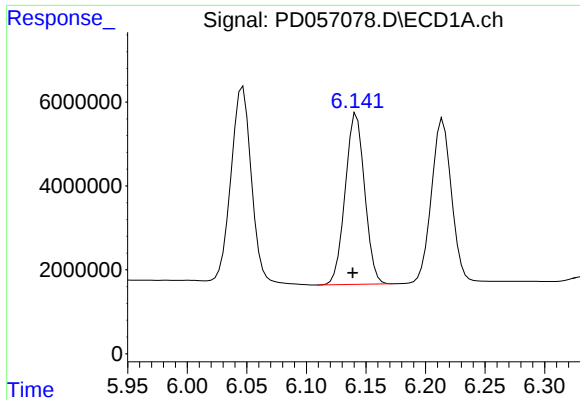
#16 4,4'-DDD

R.T.: 5.906 min
Delta R.T.: 0.003 min
Response: 46206864
Conc: 55.11 ng/ml



#16 4,4'-DDD

R.T.: 6.775 min
Delta R.T.: 0.004 min
Response: 94928476
Conc: 56.43 ng/ml



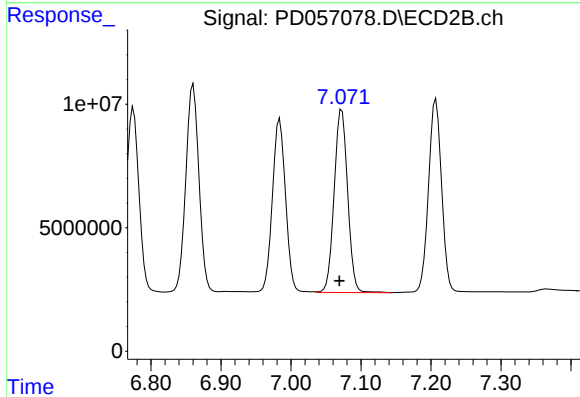
#17 4,4'-DDT

R.T.: 6.142 min
Delta R.T.: 0.003 min
Response: 46284053
Conc: 64.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
CL-02-012420MSD

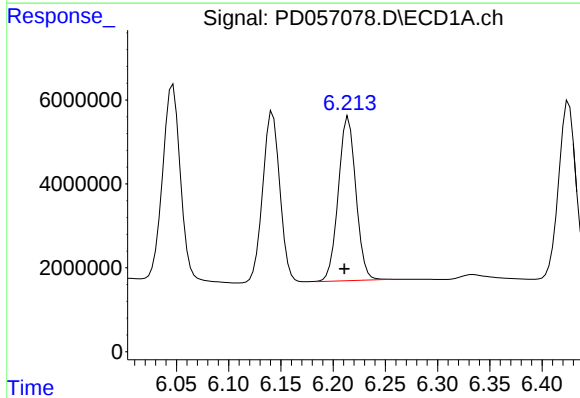
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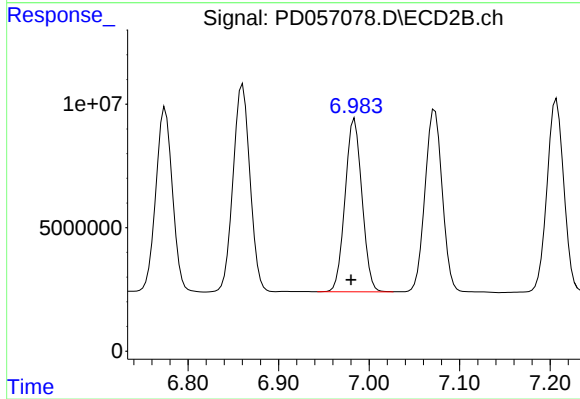
#17 4,4'-DDT

R.T.: 7.073 min
Delta R.T.: 0.004 min
Response: 99295253
Conc: 64.48 ng/ml



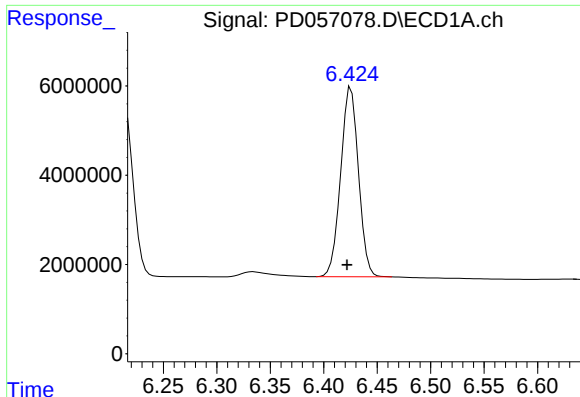
#18 Endrin aldehyde

R.T.: 6.215 min
Delta R.T.: 0.004 min
Response: 45665956
Conc: 54.00 ng/ml



#18 Endrin aldehyde

R.T.: 6.983 min
Delta R.T.: 0.003 min
Response: 90878830
Conc: 55.09 ng/ml m



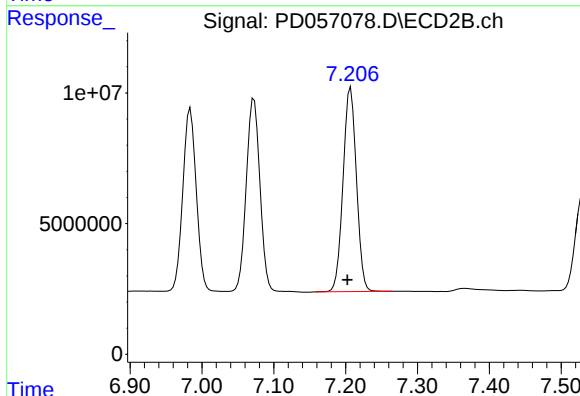
#19 Endosulfan Sulfate

R.T.: 6.426 min
Delta R.T.: 0.004 min
Response: 49280964
Conc: 53.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
CL-02-012420MSD

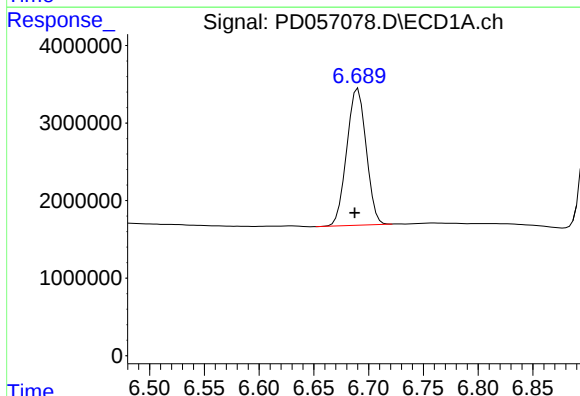
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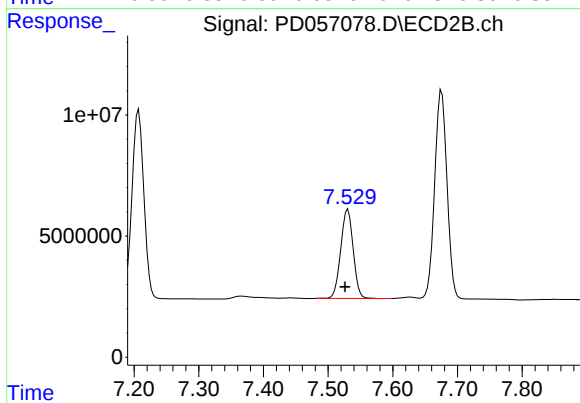
#19 Endosulfan Sulfate

R.T.: 7.207 min
Delta R.T.: 0.004 min
Response: 100933259
Conc: 55.11 ng/ml



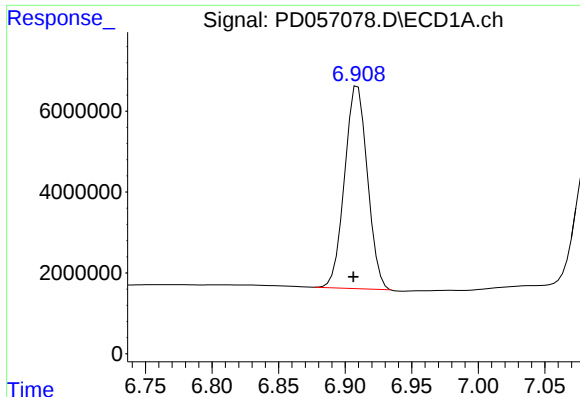
#20 Methoxychlor

R.T.: 6.690 min
Delta R.T.: 0.003 min
Response: 21713664
Conc: 55.35 ng/ml



#20 Methoxychlor

R.T.: 7.531 min
Delta R.T.: 0.005 min
Response: 49158850
Conc: 55.71 ng/ml



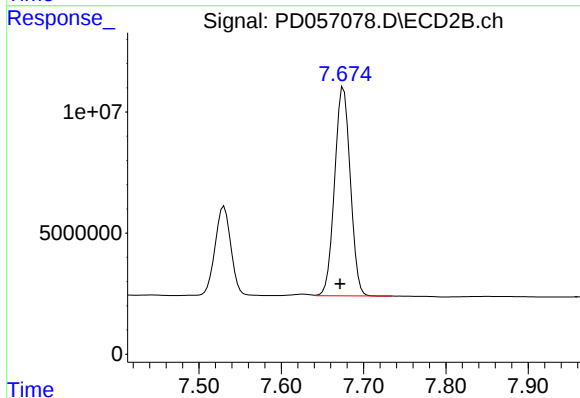
#21 Endrin ketone

R.T.: 6.909 min
Delta R.T.: 0.003 min
Response: 59804226
Conc: 54.42 ng/ml

Instrument :
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ClientSampleId :
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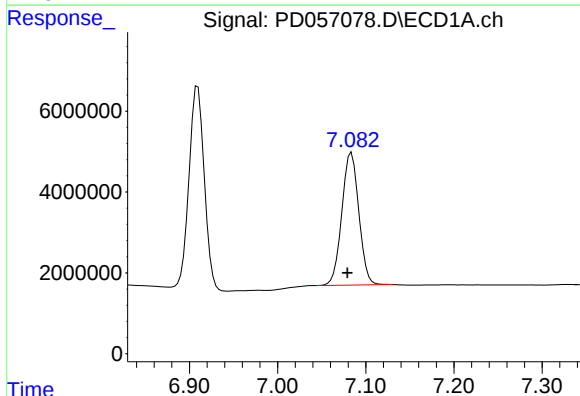
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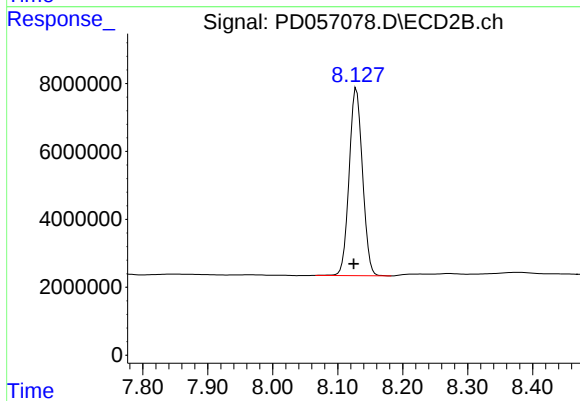
#21 Endrin ketone

R.T.: 7.676 min
Delta R.T.: 0.004 min
Response: 114317047
Conc: 55.63 ng/ml



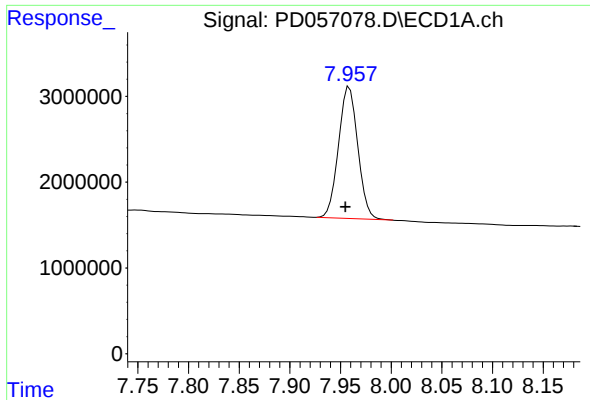
#22 Mirex

R.T.: 7.084 min
Delta R.T.: 0.005 min
Response: 43975469
Conc: 52.33 ng/ml



#22 Mirex

R.T.: 8.129 min
Delta R.T.: 0.004 min
Response: 78986790
Conc: 53.93 ng/ml



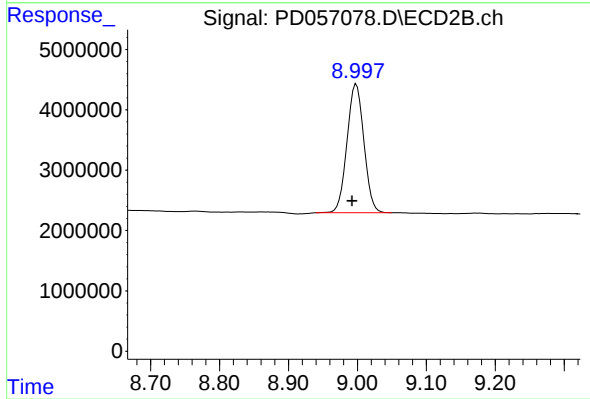
#28 Decachlorobiphenyl

R.T.: 7.959 min
Delta R.T.: 0.004 min
Response: 20349802
Conc: 21.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
CL-02-012420MSD

Manual Integrations
APPROVED

mohammad
1/29/2020 3:05:49 PM



#28 Decachlorobiphenyl

R.T.: 8.998 min
Delta R.T.: 0.006 min
Response: 36304358
Conc: 21.78 ng/ml