

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110922\
 Data File : PD072911.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2022 18:36
 Operator : AR\AJ
 Sample : N5495-10MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 DUP-01MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/10/2022
 Supervised By :Ankita Jodhani 11/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 21:21:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102822.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 28 15:29:46 2022
 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...	2.700	3.461	44402658	889.8E6	21.650	25.778
28)	SA Decachlor...	7.828	8.910	37057824	206.9E6	19.274	21.592
Target Compounds							
2)	A alpha-BHC	3.204	3.925	195.9E6	2794.1E6	59.221	59.234
3)	MA gamma-BHC...	3.534	4.259	176.4E6	2154.2E6	58.625	58.621
4)	MA Heptachlor	3.866	4.825	168.4E6	1426.5E6	55.827	55.306
5)	MB Aldrin	4.145	5.163	174.0E6	1269.7E6	60.296	59.651
6)	B beta-BHC	3.835	4.474	68952530	724.5E6	54.336	51.531
7)	B delta-BHC	4.065	4.717	181.1E6	1660.9E6	59.523	57.537
8)	B Heptachlo...	4.649	5.595	149.8E6	1034.5E6	57.664	57.440
9)	A Endosulfan I	5.018	5.979	133.6E6	930.4E6	55.646	56.967
10)	B gamma-Chl...	4.896	5.849	151.3E6	1010.1E6	57.226m	57.975
11)	B alpha-Chl...	4.961	5.924	145.9E6	991.7E6	56.404	58.035
12)	B 4,4'-DDE	5.149	6.097	140.9E6	976.9E6	57.525	58.886
13)	MA Dieldrin	5.284	6.256	150.0E6	1015.6E6	59.141	59.567
14)	MA Endrin	5.561	6.488	134.9E6	835.2E6	62.473	60.122
15)	B Endosulfa...	5.858	6.717	129.7E6	830.1E6	61.742	61.497
16)	A 4,4'-DDD	5.707	6.621	121.2E6	800.9E6	59.207	58.144
17)	MA 4,4'-DDT	5.955	6.929	110.0E6	725.7E6	55.589	53.939
18)	B Endrin al...	6.040	6.848	102.4E6	643.1E6	61.517	59.720
19)	B Endosulfa...	6.263	7.081	118.0E6	708.4E6	56.605	56.561
20)	A Methoxychlor	6.539	7.408	59038105	350.4E6	52.294	54.123
21)	B Endrin ke...	6.773	7.570	134.1E6	762.3E6	53.686	53.881
22)	Mirex	6.937	8.018	97862925	498.5E6	55.087	54.888

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

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Acq On : 09 Nov 2022 18:36
Operator : AR\AJ
Sample : N5495-10MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

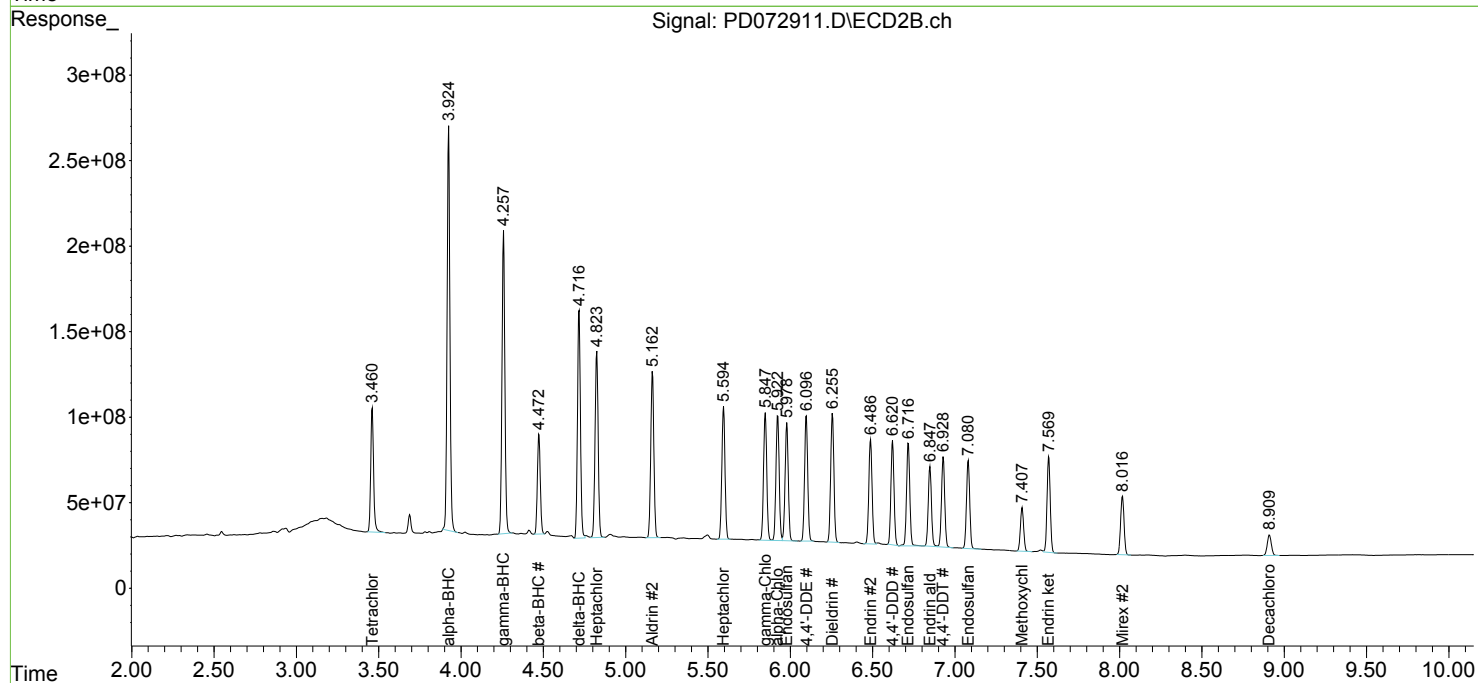
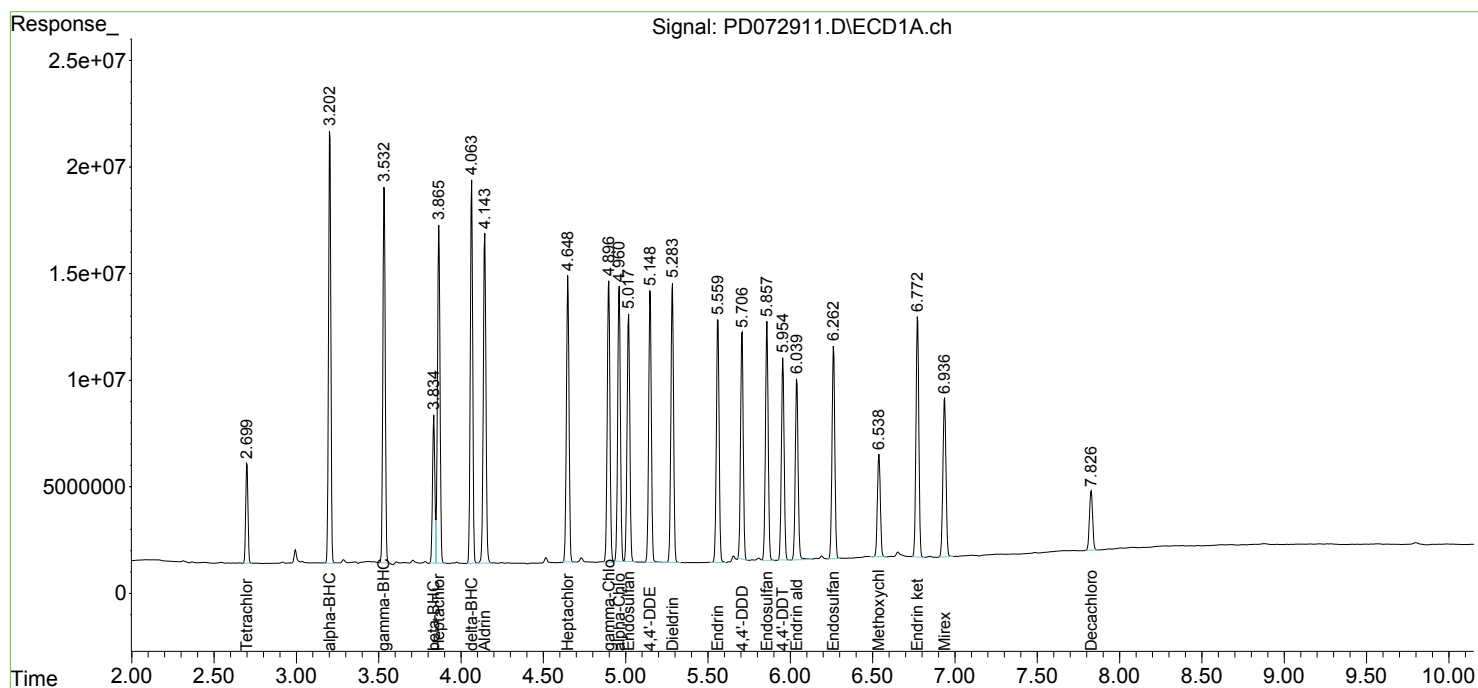
Instrument :
ECD_D
ClientSampleId :
DUP-01MS

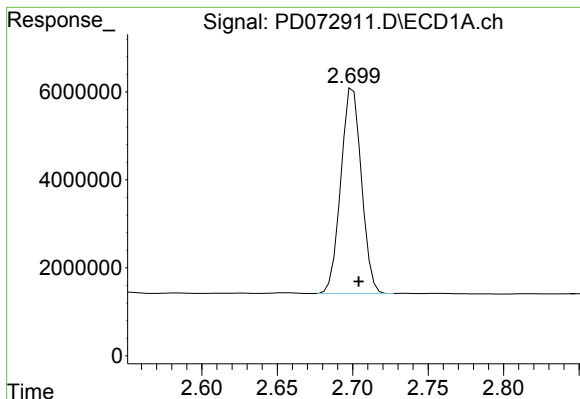
Manual Integrations
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Supervised By : Ankita Jodhani 11/10/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 21:21:13 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102822.M
Quant Title : GC Extractables
QLast Update : Fri Oct 28 15:29:46 2022
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Volume Inj. : 2 µl
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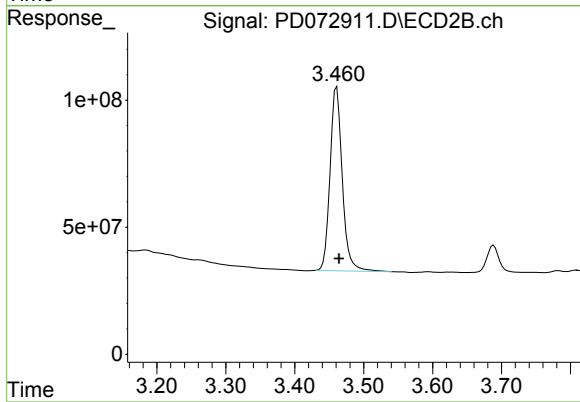
#1 Tetrachloro-m-xylene

R.T.: 2.700 min
Delta R.T.: -0.004 min
Response: 44402658
Conc: 21.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUP-01MS

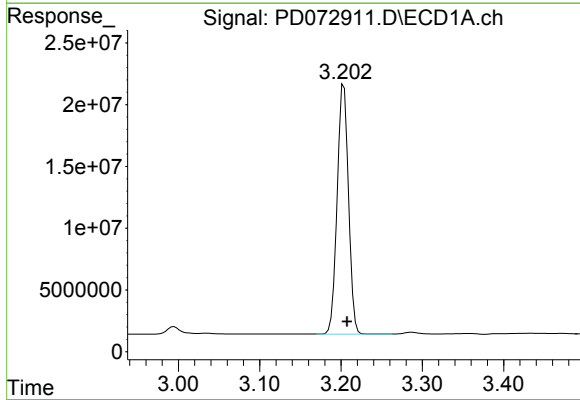
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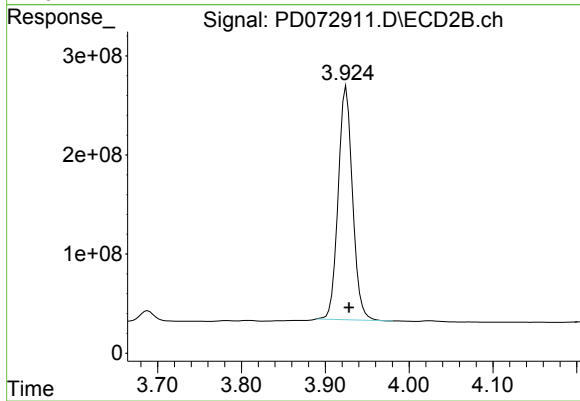
#1 Tetrachloro-m-xylene

R.T.: 3.461 min
Delta R.T.: -0.003 min
Response: 889814931
Conc: 25.78 ng/ml



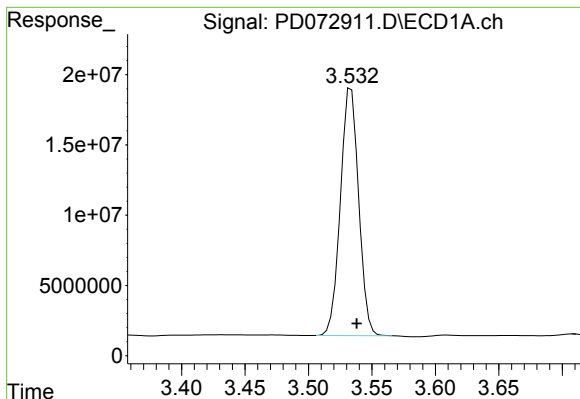
#2 alpha-BHC

R.T.: 3.204 min
Delta R.T.: -0.004 min
Response: 195887664
Conc: 59.22 ng/ml



#2 alpha-BHC

R.T.: 3.925 min
Delta R.T.: -0.003 min
Response: 2794105353
Conc: 59.23 ng/ml



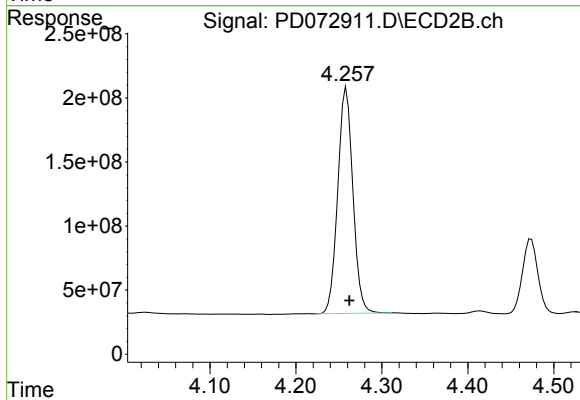
#3 gamma-BHC (Lindane)

R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 176351243
Conc: 58.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUP-01MS

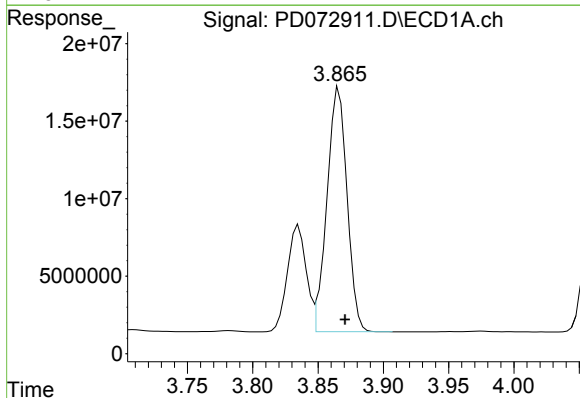
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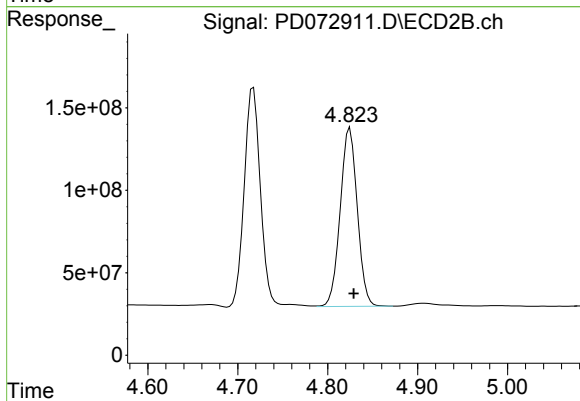
#3 gamma-BHC (Lindane)

R.T.: 4.259 min
Delta R.T.: -0.004 min
Response: 2154163489
Conc: 58.62 ng/ml



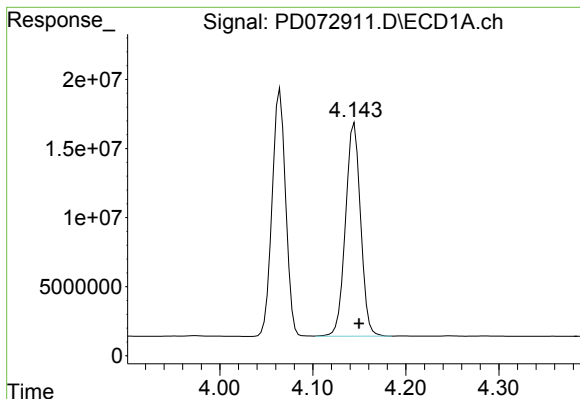
#4 Heptachlor

R.T.: 3.866 min
Delta R.T.: -0.005 min
Response: 168445252
Conc: 55.83 ng/ml



#4 Heptachlor

R.T.: 4.825 min
Delta R.T.: -0.004 min
Response: 1426549655
Conc: 55.31 ng/ml



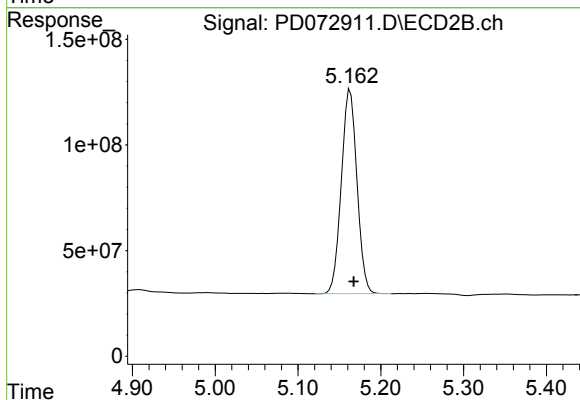
#5 Aldrin

R.T.: 4.145 min
Delta R.T.: -0.005 min
Response: 174033603
Conc: 60.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUP-01MS

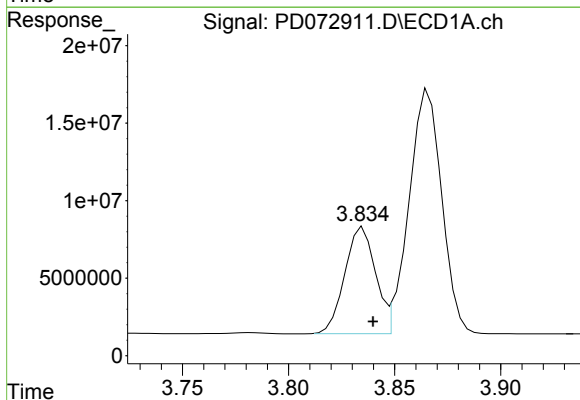
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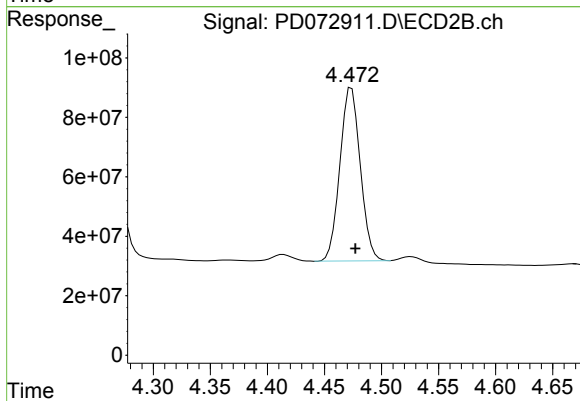
#5 Aldrin

R.T.: 5.163 min
Delta R.T.: -0.004 min
Response: 1269681500
Conc: 59.65 ng/ml



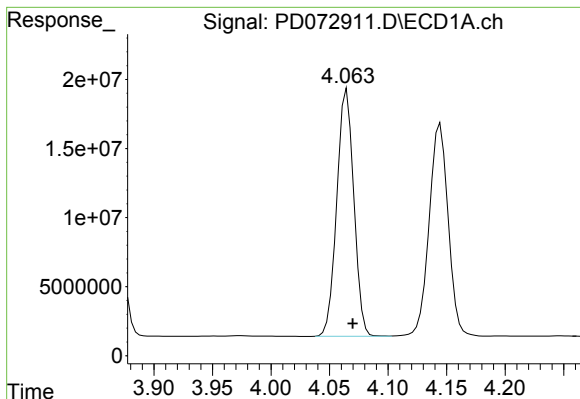
#6 beta-BHC

R.T.: 3.835 min
Delta R.T.: -0.005 min
Response: 68952530
Conc: 54.34 ng/ml



#6 beta-BHC

R.T.: 4.474 min
Delta R.T.: -0.004 min
Response: 724456170
Conc: 51.53 ng/ml



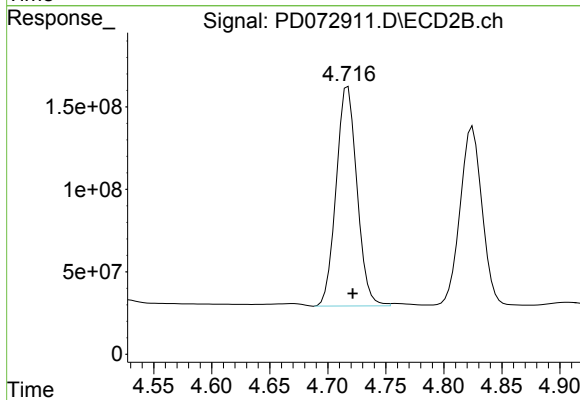
#7 delta-BHC

R.T.: 4.065 min
Delta R.T.: -0.005 min
Response: 181081651
Conc: 59.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUP-01MS

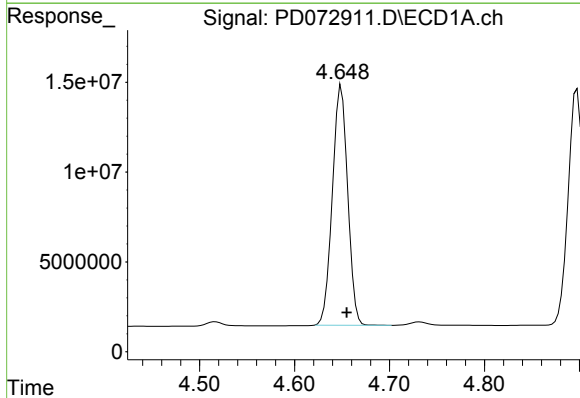
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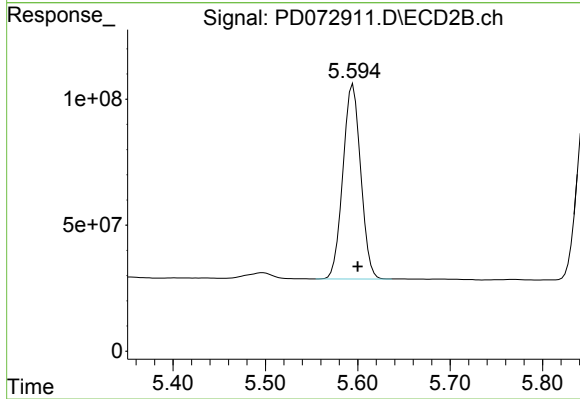
#7 delta-BHC

R.T.: 4.717 min
Delta R.T.: -0.004 min
Response: 1660859093
Conc: 57.54 ng/ml



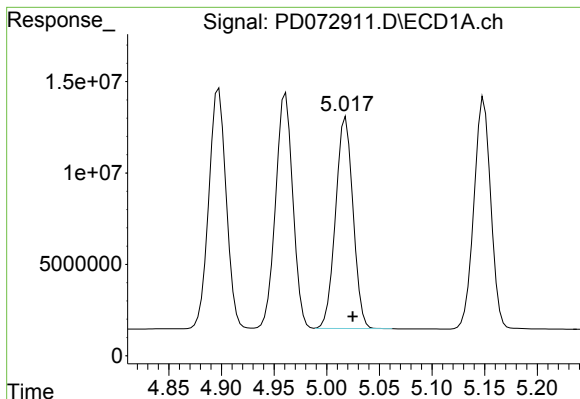
#8 Heptachlor epoxide

R.T.: 4.649 min
Delta R.T.: -0.006 min
Response: 149768905
Conc: 57.66 ng/ml



#8 Heptachlor epoxide

R.T.: 5.595 min
Delta R.T.: -0.005 min
Response: 1034482851
Conc: 57.44 ng/ml



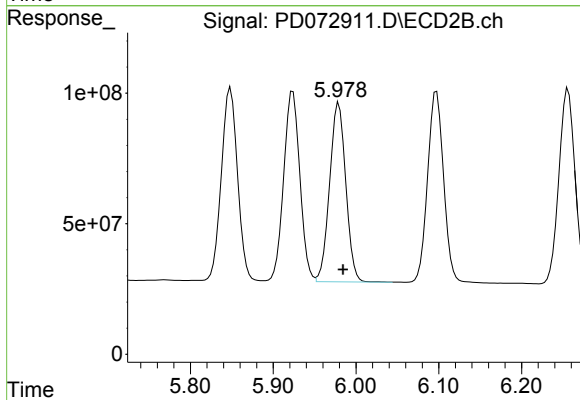
#9 Endosulfan I

R.T.: 5.018 min
Delta R.T.: -0.007 min
Response: 133584786
Conc: 55.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUP-01MS

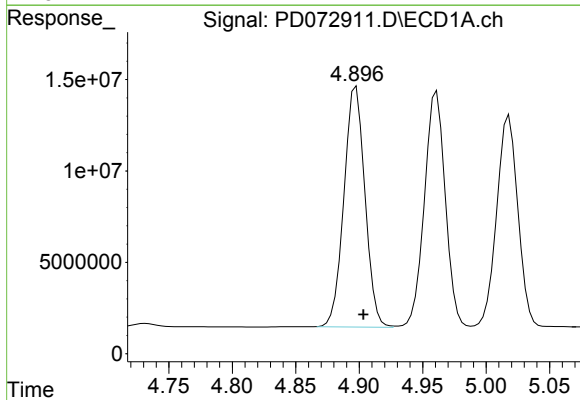
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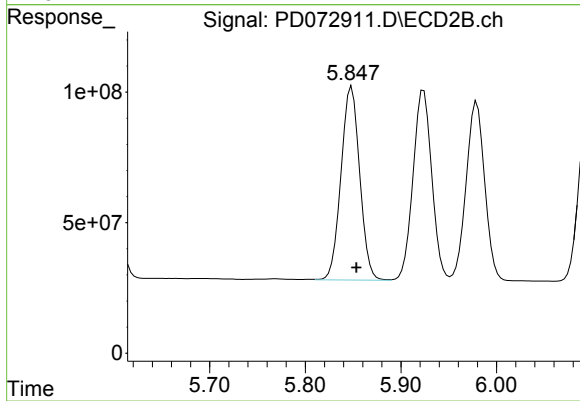
#9 Endosulfan I

R.T.: 5.979 min
Delta R.T.: -0.005 min
Response: 930411345
Conc: 56.97 ng/ml



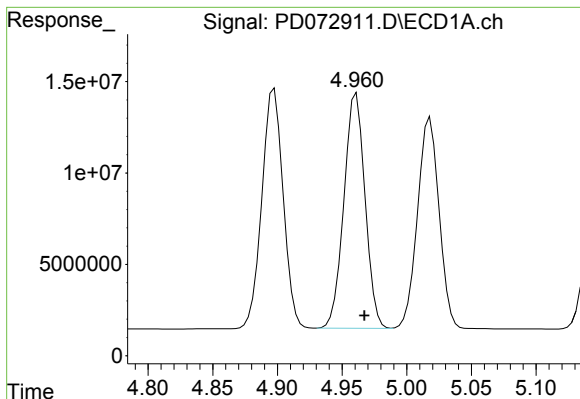
#10 gamma-Chlordane

R.T.: 4.896 min
Delta R.T.: -0.007 min
Response: 151291457
Conc: 57.23 ng/ml m



#10 gamma-Chlordane

R.T.: 5.849 min
Delta R.T.: -0.005 min
Response: 1010066451
Conc: 57.98 ng/ml



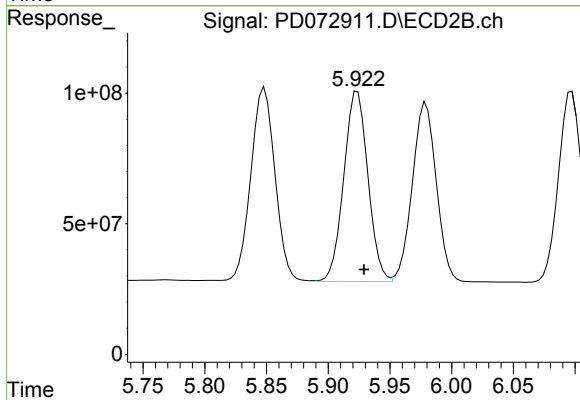
#11 alpha-Chlordane

R.T.: 4.961 min
Delta R.T.: -0.006 min
Response: 145868812
Conc: 56.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUP-01MS

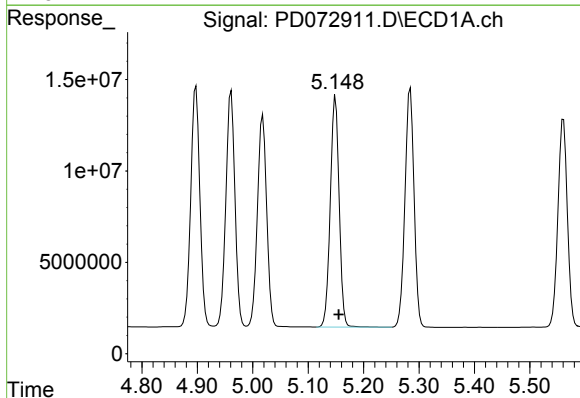
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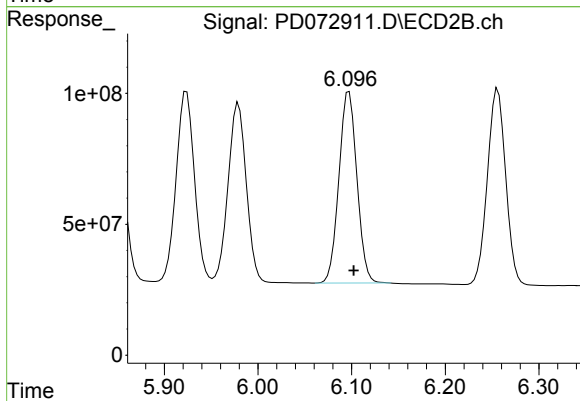
#11 alpha-Chlordane

R.T.: 5.924 min
Delta R.T.: -0.005 min
Response: 991673409
Conc: 58.03 ng/ml



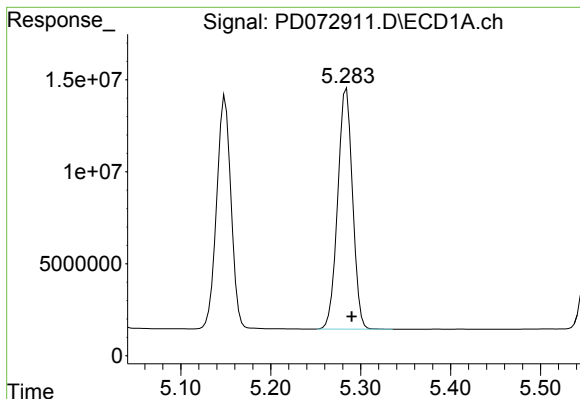
#12 4,4'-DDE

R.T.: 5.149 min
Delta R.T.: -0.006 min
Response: 140917662
Conc: 57.52 ng/ml



#12 4,4'-DDE

R.T.: 6.097 min
Delta R.T.: -0.005 min
Response: 976865261
Conc: 58.89 ng/ml



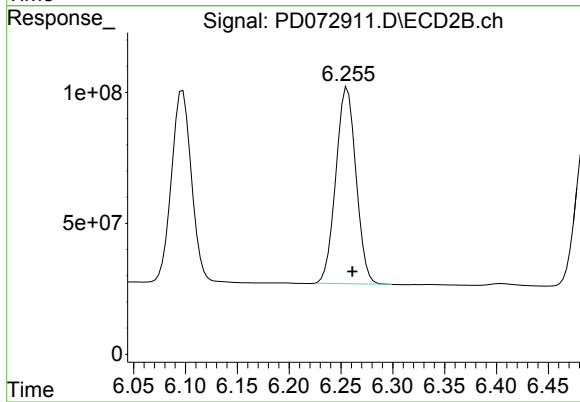
#13 Dieldrin

R.T.: 5.284 min
Delta R.T.: -0.006 min
Response: 150010891
Conc: 59.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUP-01MS

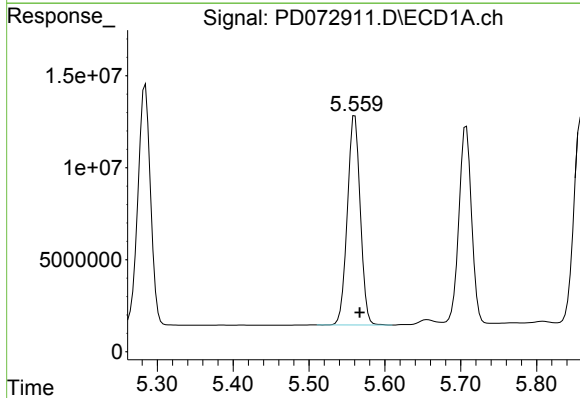
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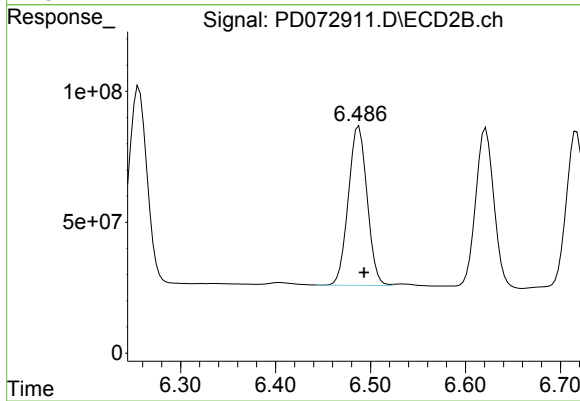
#13 Dieldrin

R.T.: 6.256 min
Delta R.T.: -0.005 min
Response: 1015597011
Conc: 59.57 ng/ml



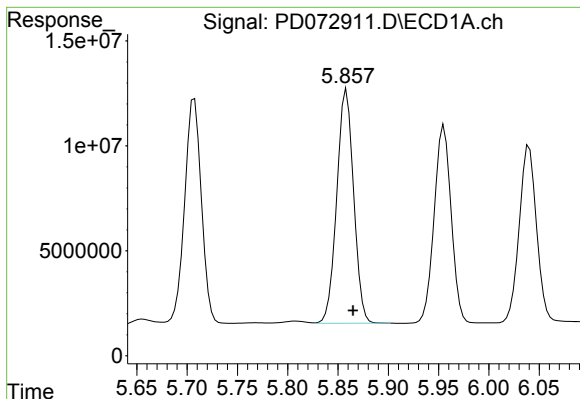
#14 Endrin

R.T.: 5.561 min
Delta R.T.: -0.006 min
Response: 134931568
Conc: 62.47 ng/ml



#14 Endrin

R.T.: 6.488 min
Delta R.T.: -0.005 min
Response: 835227304
Conc: 60.12 ng/ml



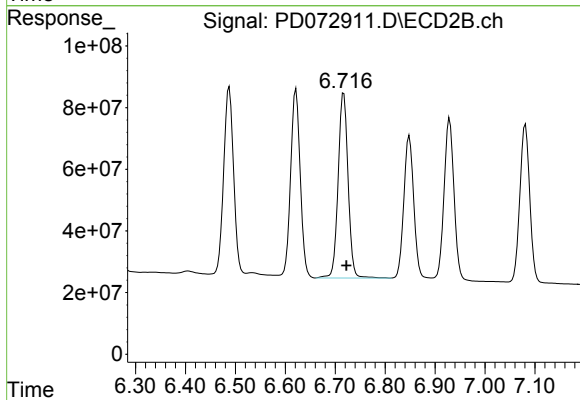
#15 Endosulfan II

R.T.: 5.858 min
Delta R.T.: -0.007 min
Response: 129731063
Conc: 61.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUP-01MS

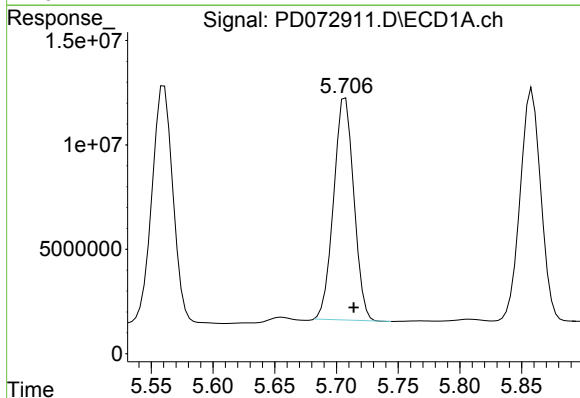
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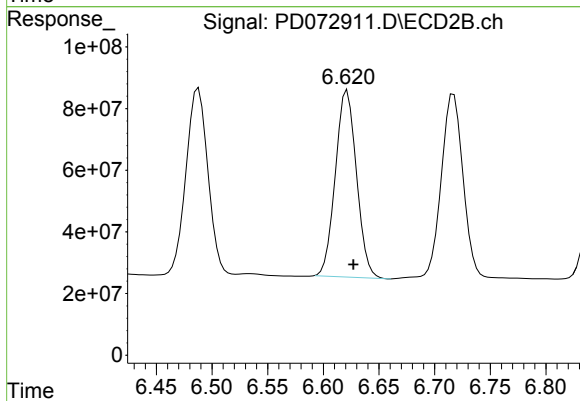
#15 Endosulfan II

R.T.: 6.717 min
Delta R.T.: -0.005 min
Response: 830075975
Conc: 61.50 ng/ml



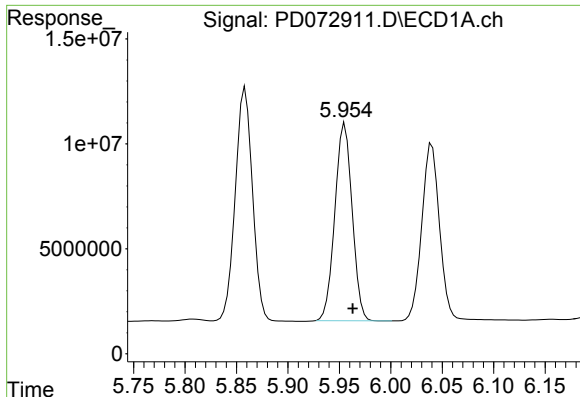
#16 4,4'-DDD

R.T.: 5.707 min
Delta R.T.: -0.007 min
Response: 121151571
Conc: 59.21 ng/ml



#16 4,4'-DDD

R.T.: 6.621 min
Delta R.T.: -0.006 min
Response: 800902287
Conc: 58.14 ng/ml



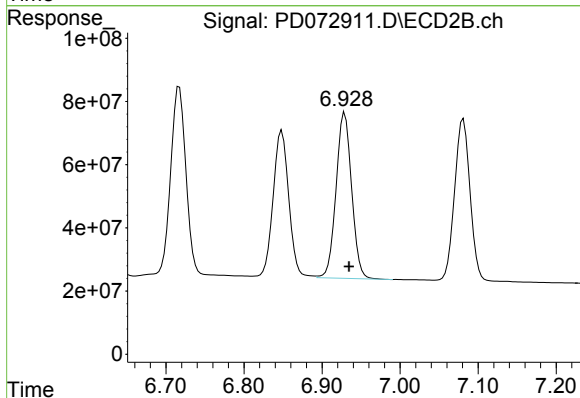
#17 4,4'-DDT

R.T.: 5.955 min
Delta R.T.: -0.007 min
Response: 110018300
Conc: 55.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUP-01MS

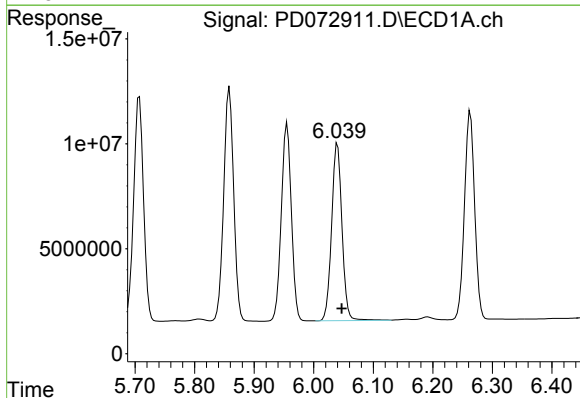
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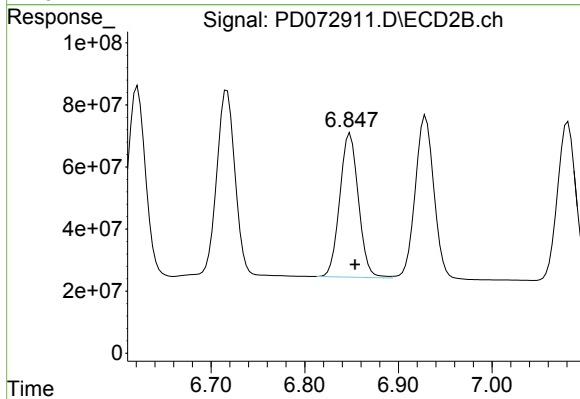
#17 4,4'-DDT

R.T.: 6.929 min
Delta R.T.: -0.005 min
Response: 725657434
Conc: 53.94 ng/ml



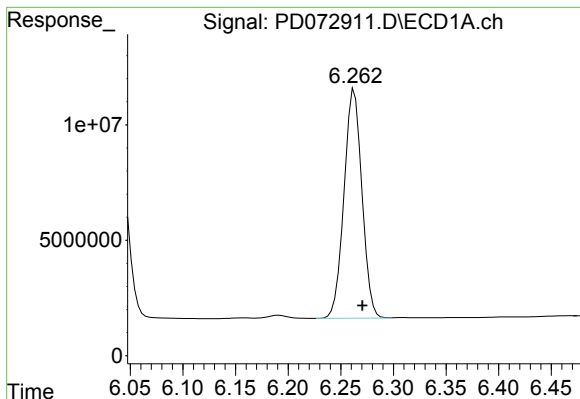
#18 Endrin aldehyde

R.T.: 6.040 min
Delta R.T.: -0.007 min
Response: 102375744
Conc: 61.52 ng/ml



#18 Endrin aldehyde

R.T.: 6.848 min
Delta R.T.: -0.005 min
Response: 643075714
Conc: 59.72 ng/ml



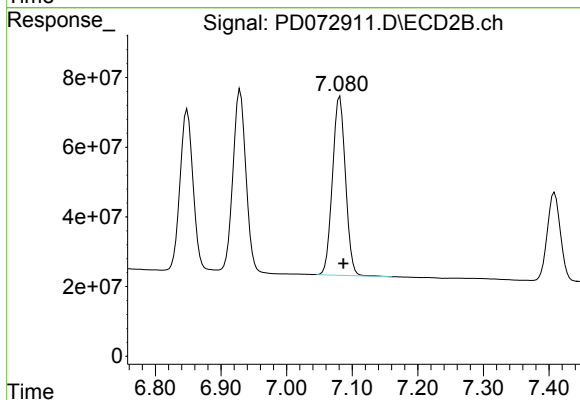
#19 Endosulfan Sulfate

R.T.: 6.263 min
Delta R.T.: -0.008 min
Response: 118019806
Conc: 56.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUP-01MS

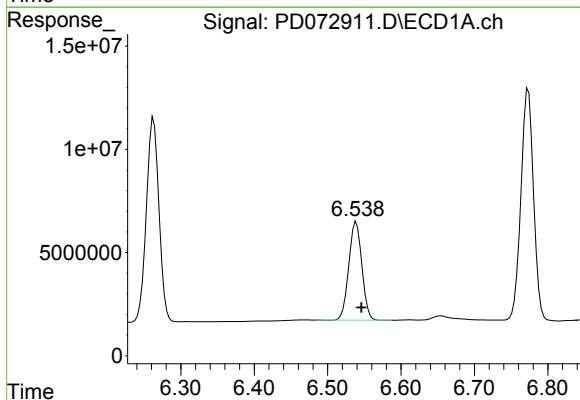
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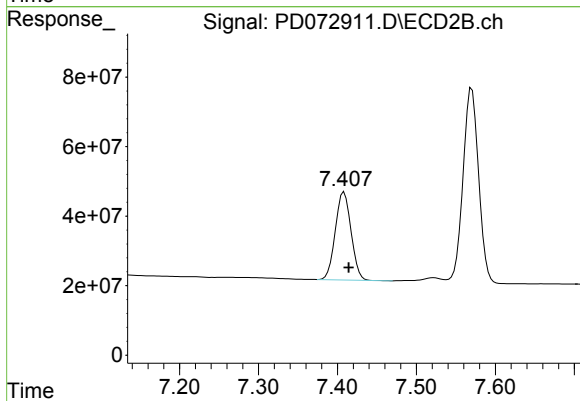
#19 Endosulfan Sulfate

R.T.: 7.081 min
Delta R.T.: -0.005 min
Response: 708439581
Conc: 56.56 ng/ml



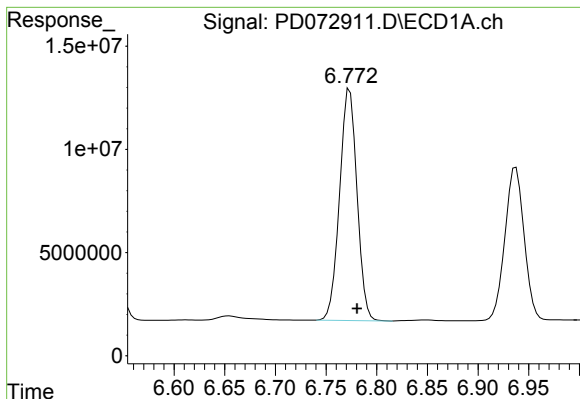
#20 Methoxychlor

R.T.: 6.539 min
Delta R.T.: -0.007 min
Response: 59038105
Conc: 52.29 ng/ml



#20 Methoxychlor

R.T.: 7.408 min
Delta R.T.: -0.006 min
Response: 350383345
Conc: 54.12 ng/ml



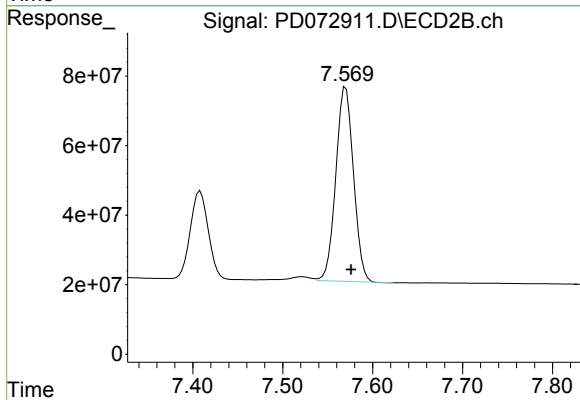
#21 Endrin ketone

R.T.: 6.773 min
Delta R.T.: -0.007 min
Response: 134099449
Conc: 53.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUP-01MS

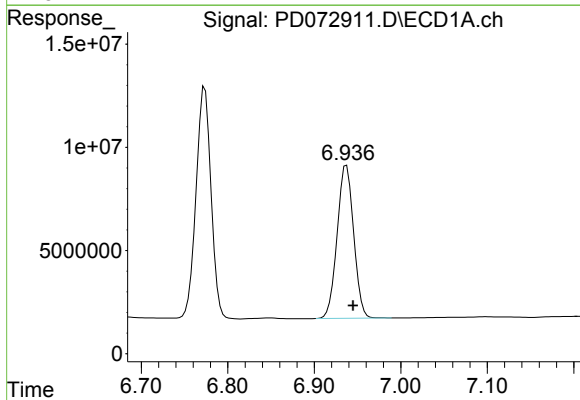
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2022
Supervised By :Ankita Jodhani 11/10/2022



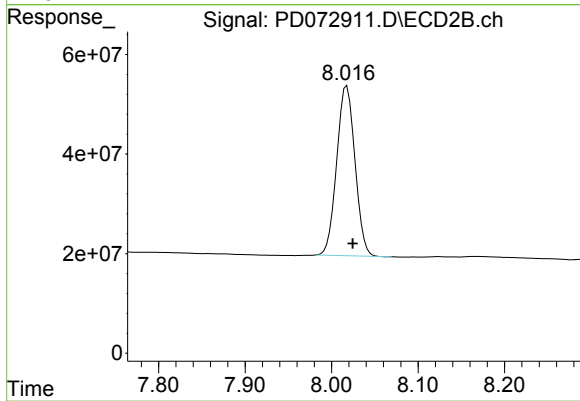
#21 Endrin ketone

R.T.: 7.570 min
Delta R.T.: -0.006 min
Response: 762310803
Conc: 53.88 ng/ml



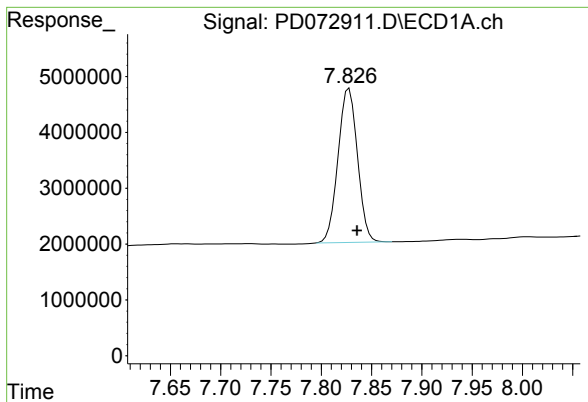
#22 Mirex

R.T.: 6.937 min
Delta R.T.: -0.008 min
Response: 97862925
Conc: 55.09 ng/ml



#22 Mirex

R.T.: 8.018 min
Delta R.T.: -0.007 min
Response: 498469562
Conc: 54.89 ng/ml



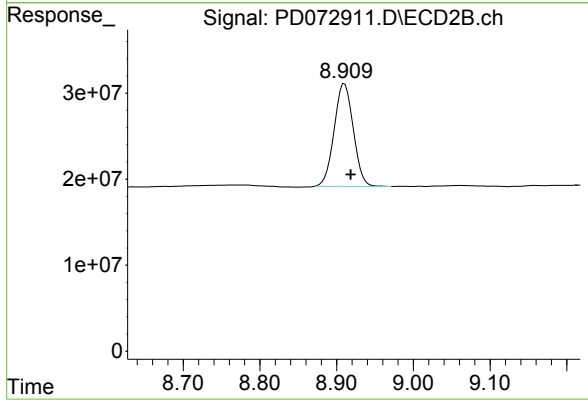
#28 Decachlorobiphenyl

R.T.: 7.828 min
Delta R.T.: -0.008 min
Response: 37057824
Conc: 19.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUP-01MS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 11/10/2022



#28 Decachlorobiphenyl

R.T.: 8.910 min
Delta R.T.: -0.008 min
Response: 206899148
Conc: 21.59 ng/ml