

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060422\
 Data File : PD070041.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2022 20:24
 Operator : AR\AJ
 Sample : N2990-22MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 P028-SS001-0612-01MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/04/2022
 Supervised By : Ankita Jodhani 06/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 00:43:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
 Quant Title : GC Extractables
 QLast Update : Thu May 26 05:06:06 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 x 0.2 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...	3.442	4.170	16863777	157.5E6	15.846	17.878
28)	SA Decachlor...	8.194	9.364	14537671	78227362	13.328	14.465
Target Compounds							
2)	A alpha-BHC	3.881	4.566	93063322	787.7E6	56.790	60.151
3)	MA gamma-BHC...	4.164	4.857	87928064	741.3E6	50.945	60.092
4)	MA Heptachlor	4.461	5.384	84453791	717.6E6	56.570	61.643
5)	MB Aldrin	4.708	5.694	75952224	726.4E6	52.408	62.968m
6)	B beta-BHC	4.414	5.019	36524855	311.3E6	52.479	59.266m
7)	B delta-BHC	4.618	5.246	84782780	609.6E6	55.647	64.074
8)	B Heptachlo...	5.151	6.085	75736200	561.4E6	56.715	71.338 #
9)	A Endosulfan I	5.490	6.447	70446262	560.4E6	56.223	61.441
10)	B gamma-Chl...	5.377	6.322	76492338	622.2E6	56.529	62.785
11)	B alpha-Chl...	5.436	6.396	75250241	597.2E6	56.523	61.452
12)	B 4,4'-DDE	5.602	6.546	70635581	561.6E6	55.752	62.067
13)	MA Dieldrin	5.733	6.706	76848498	595.3E6	58.381	63.099
14)	MA Endrin	5.992	6.926	69216445	469.4E6	59.945	69.549
15)	B Endosulfa...	6.265	7.132	65797139	468.7E6	59.152	63.094
16)	A 4,4'-DDD	6.119	7.038	61316540	472.5E6	56.670	63.811
17)	MA 4,4'-DDT	6.358	7.340	62145381	468.6E6	62.705	64.036
18)	B Endrin al...	6.435	7.255	50901262	362.7E6	59.243	63.174
19)	B Endosulfa...	6.648	7.480	67449913	447.6E6	58.514	60.705
20)	A Methoxychlor	6.907	7.794	35170385	224.4E6	61.996m	62.944
21)	B Endrin ke...	7.141	7.955	76497464	468.7E6	57.406	58.871
22)	Mirex	7.324	8.421	56834920	322.1E6	56.523	60.300

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

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 Acq On : 03 Jun 2022 20:24
 Operator : AR\AJ
 Sample : N2990-22MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

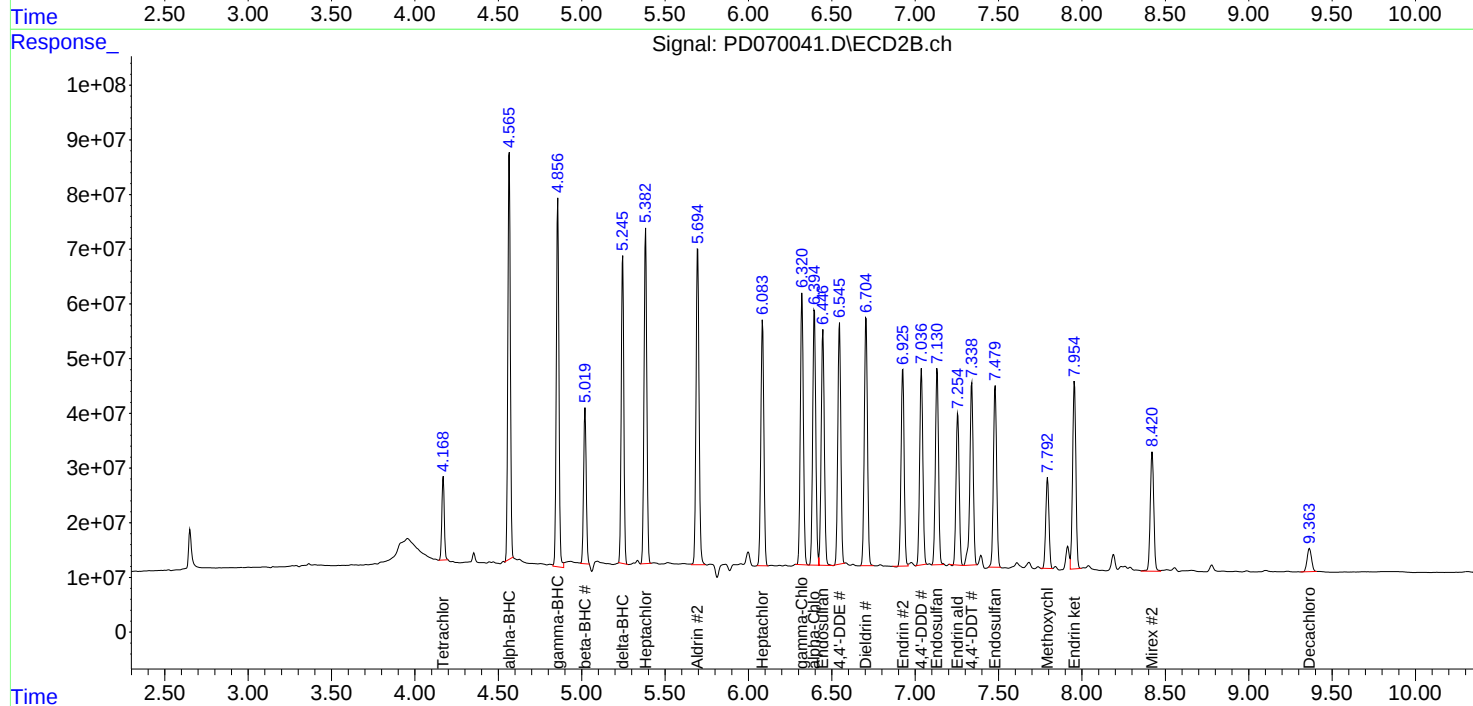
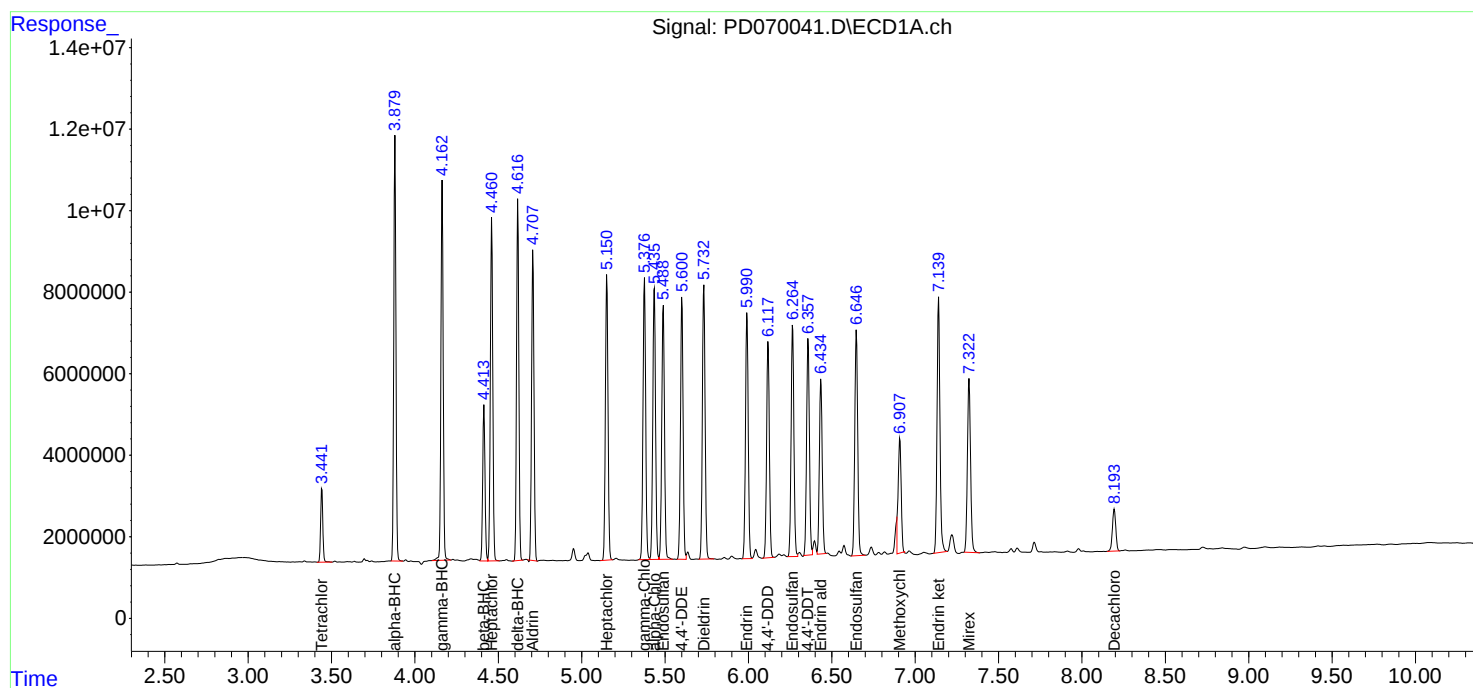
Instrument :
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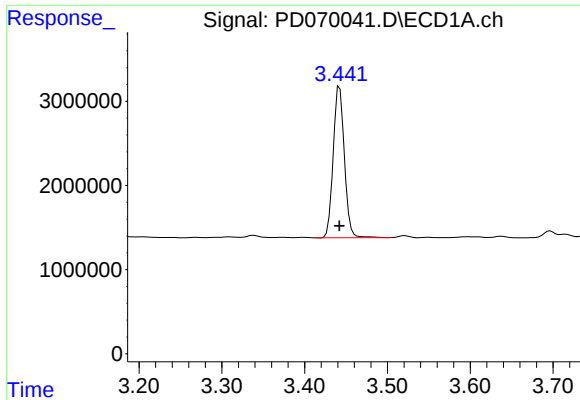
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 00:43:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
 Quant Title : GC Extractables
 QLast Update : Thu May 26 05:06:06 2022
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 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





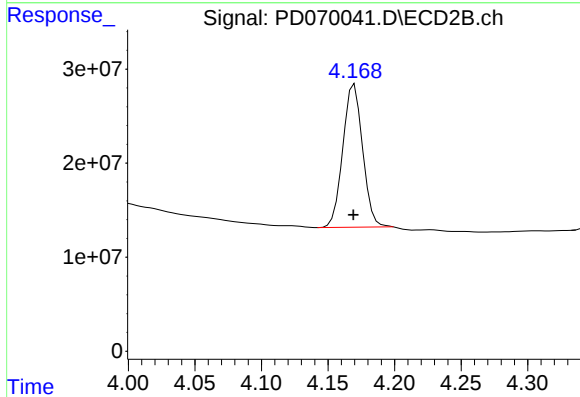
#1 Tetrachloro-m-xylene

R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 16863777
Conc: 15.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
P028-SS001-0612-01MSD

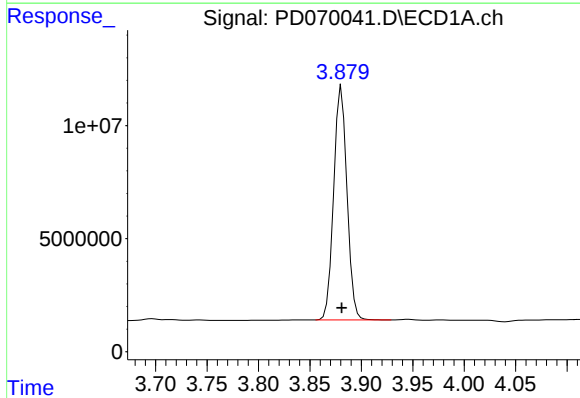
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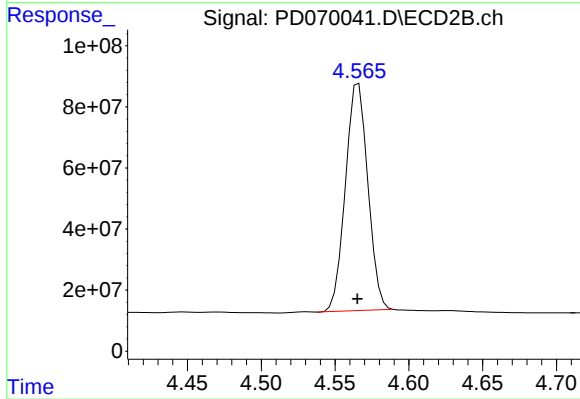
#1 Tetrachloro-m-xylene

R.T.: 4.170 min
Delta R.T.: 0.000 min
Response: 157535801
Conc: 17.88 ng/ml



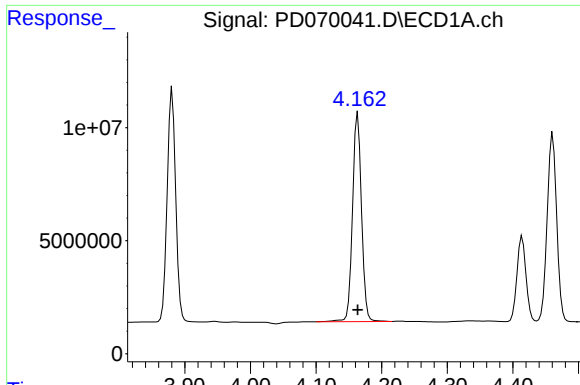
#2 alpha-BHC

R.T.: 3.881 min
Delta R.T.: 0.000 min
Response: 93063322
Conc: 56.79 ng/ml



#2 alpha-BHC

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 787688975
Conc: 60.15 ng/ml



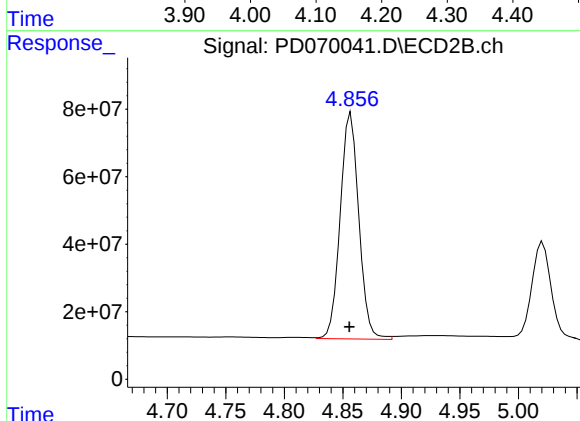
#3 gamma-BHC (Lindane)

R.T.: 4.164 min
Delta R.T.: 0.000 min
Response: 87928064
Conc: 50.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
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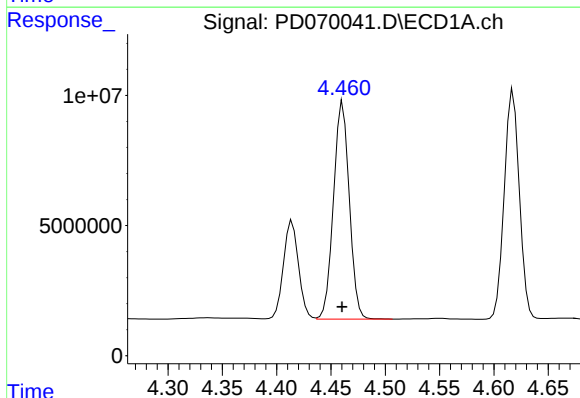
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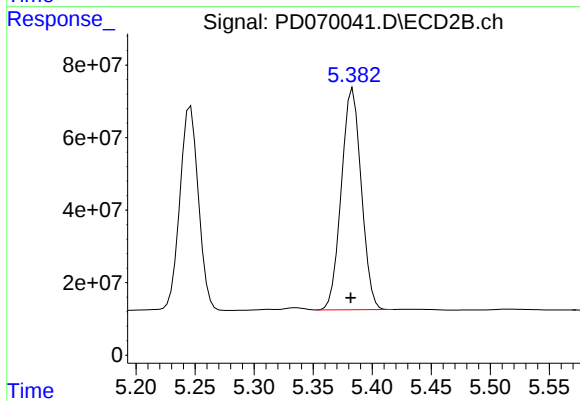
#3 gamma-BHC (Lindane)

R.T.: 4.857 min
Delta R.T.: 0.001 min
Response: 741291690
Conc: 60.09 ng/ml



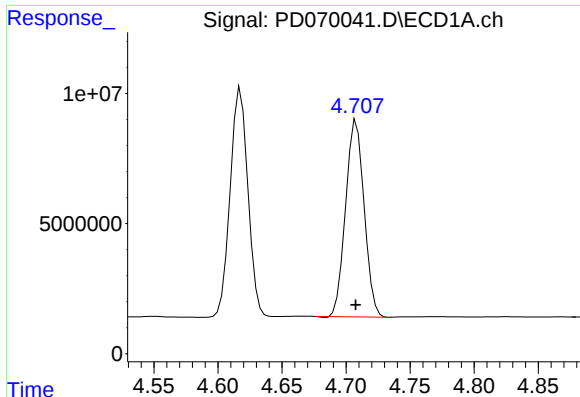
#4 Heptachlor

R.T.: 4.461 min
Delta R.T.: 0.000 min
Response: 84453791
Conc: 56.57 ng/ml



#4 Heptachlor

R.T.: 5.384 min
Delta R.T.: 0.002 min
Response: 717621811
Conc: 61.64 ng/ml



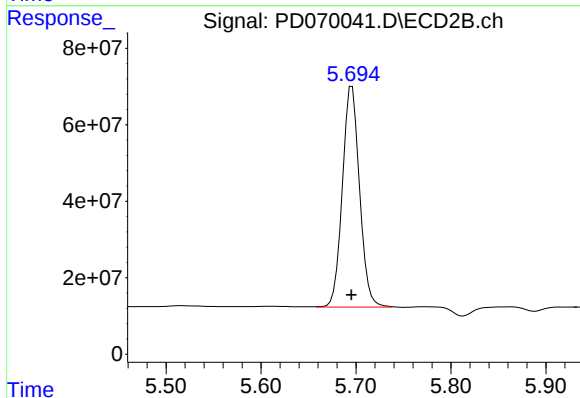
#5 Aldrin

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 75952224
Conc: 52.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
P028-SS001-0612-01MSD

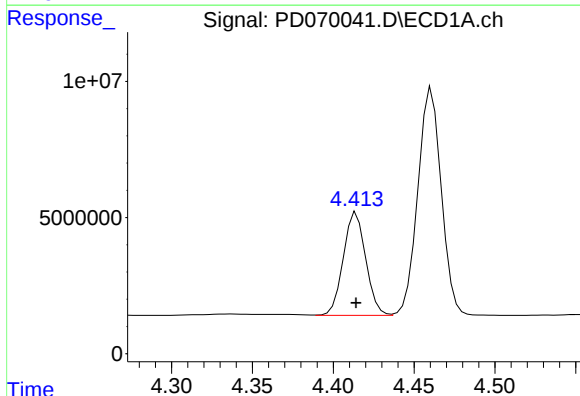
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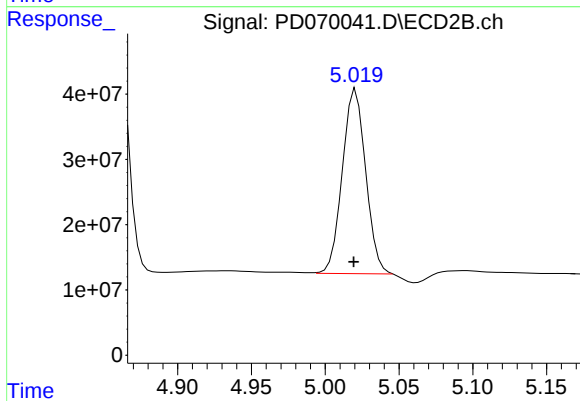
#5 Aldrin

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 726396384
Conc: 62.97 ng/ml m



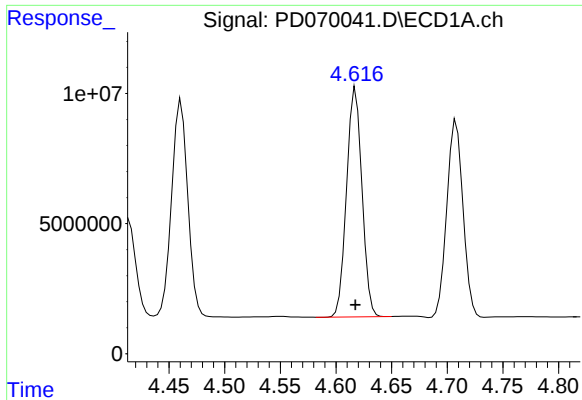
#6 beta-BHC

R.T.: 4.414 min
Delta R.T.: 0.000 min
Response: 36524855
Conc: 52.48 ng/ml



#6 beta-BHC

R.T.: 5.019 min
Delta R.T.: 0.000 min
Response: 311321575
Conc: 59.27 ng/ml m



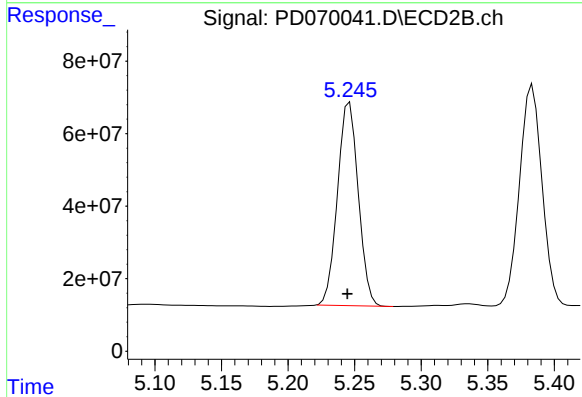
#7 delta-BHC

R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 84782780
Conc: 55.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
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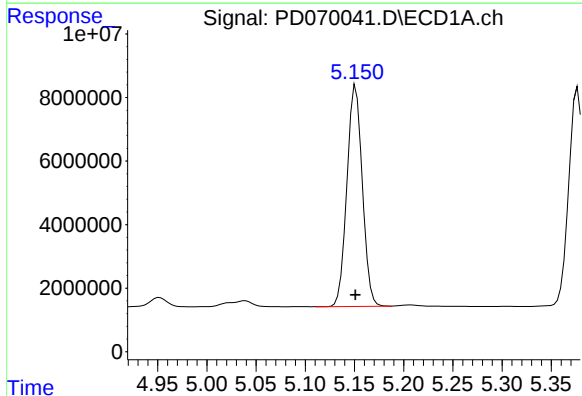
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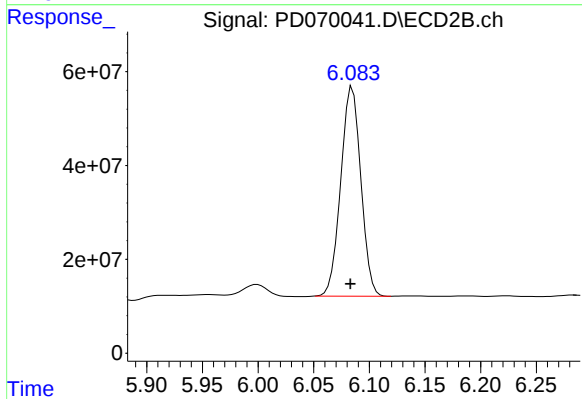
#7 delta-BHC

R.T.: 5.246 min
Delta R.T.: 0.002 min
Response: 609557710
Conc: 64.07 ng/ml



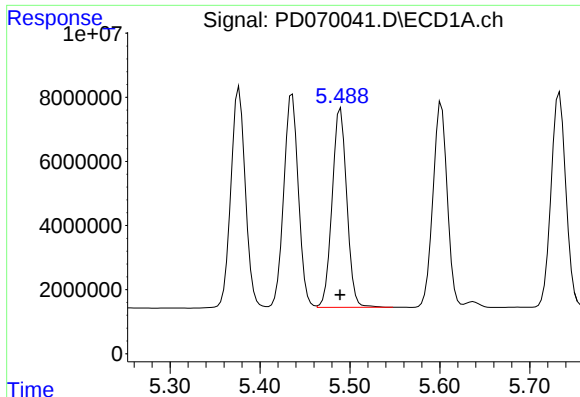
#8 Heptachlor epoxide

R.T.: 5.151 min
Delta R.T.: 0.000 min
Response: 75736200
Conc: 56.71 ng/ml



#8 Heptachlor epoxide

R.T.: 6.085 min
Delta R.T.: 0.002 min
Response: 561354207
Conc: 71.34 ng/ml



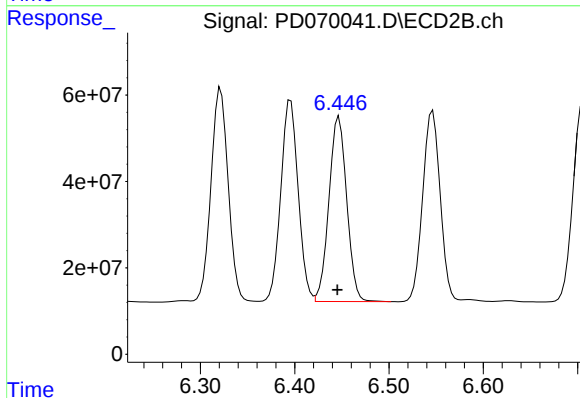
#9 Endosulfan I

R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 70446262
Conc: 56.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
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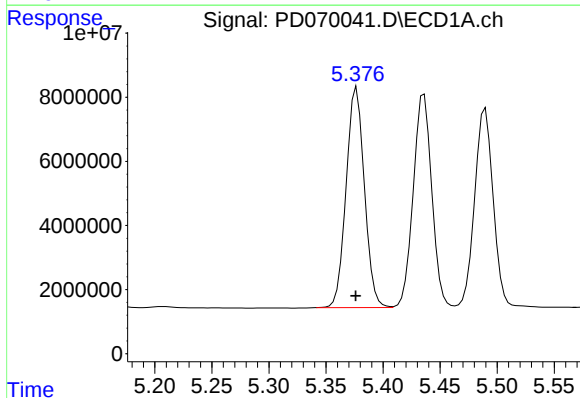
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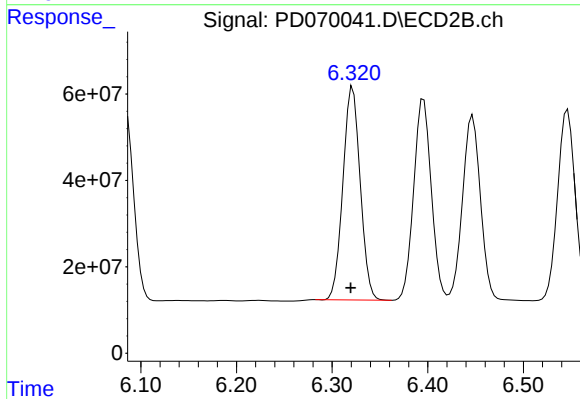
#9 Endosulfan I

R.T.: 6.447 min
Delta R.T.: 0.002 min
Response: 560372030
Conc: 61.44 ng/ml



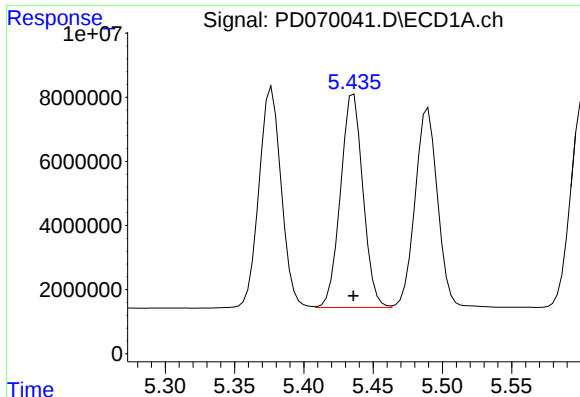
#10 gamma-Chlordane

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 76492338
Conc: 56.53 ng/ml



#10 gamma-Chlordane

R.T.: 6.322 min
Delta R.T.: 0.002 min
Response: 622209613
Conc: 62.79 ng/ml



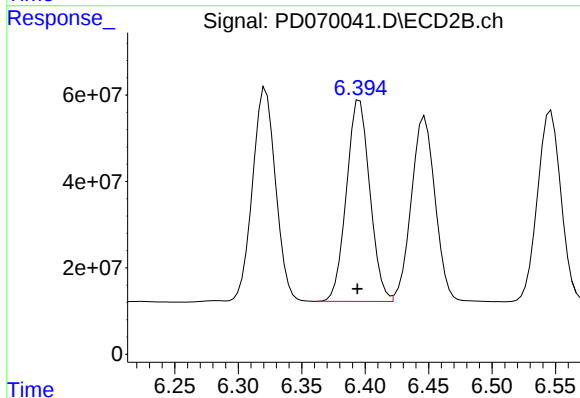
#11 alpha-Chlordane

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 75250241
Conc: 56.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
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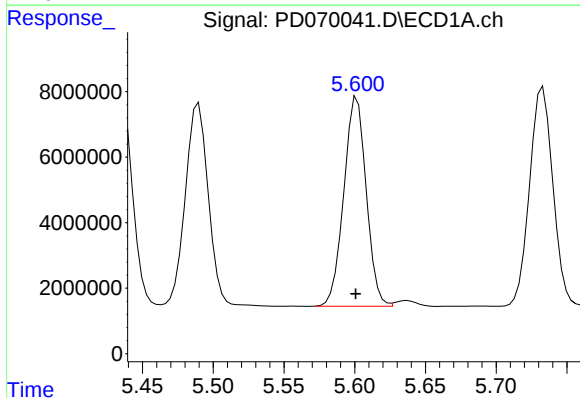
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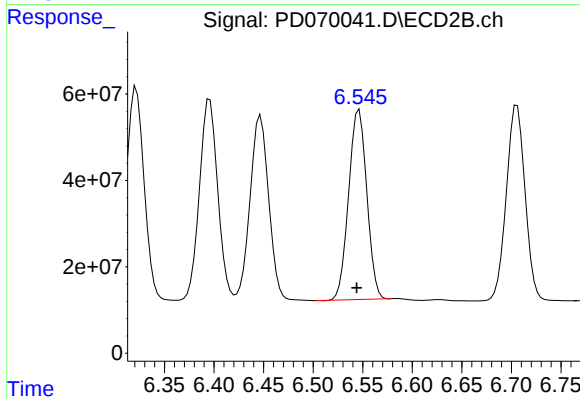
#11 alpha-Chlordane

R.T.: 6.396 min
Delta R.T.: 0.002 min
Response: 597235953
Conc: 61.45 ng/ml



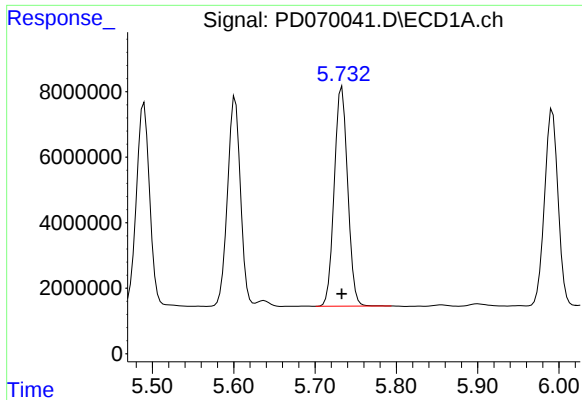
#12 4,4'-DDE

R.T.: 5.602 min
Delta R.T.: 0.000 min
Response: 70635581
Conc: 55.75 ng/ml



#12 4,4'-DDE

R.T.: 6.546 min
Delta R.T.: 0.002 min
Response: 561571071
Conc: 62.07 ng/ml



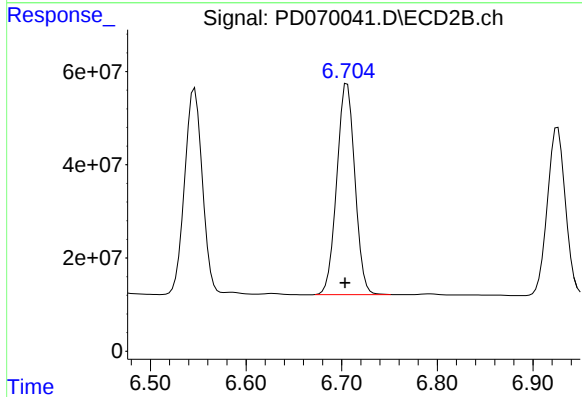
#13 Dieldrin

R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 76848498
Conc: 58.38 ng/ml

Instrument :
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ClientSampleId :
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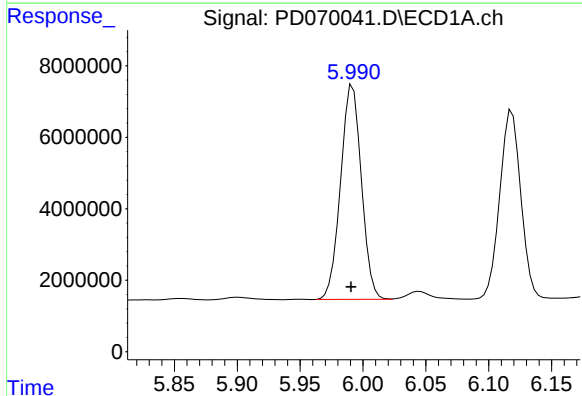
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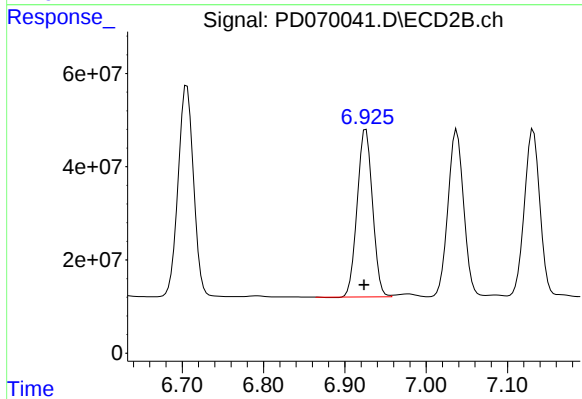
#13 Dieldrin

R.T.: 6.706 min
Delta R.T.: 0.002 min
Response: 595305119
Conc: 63.10 ng/ml



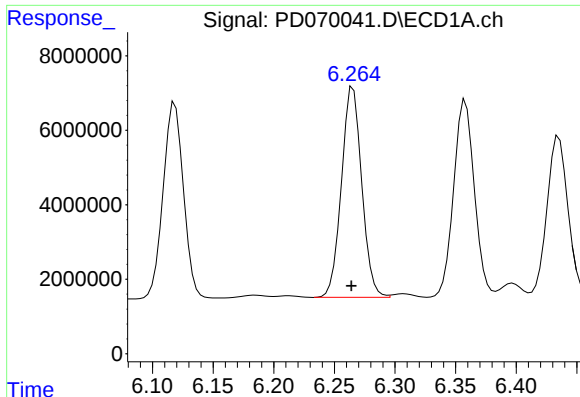
#14 Endrin

R.T.: 5.992 min
Delta R.T.: 0.001 min
Response: 69216445
Conc: 59.94 ng/ml



#14 Endrin

R.T.: 6.926 min
Delta R.T.: 0.002 min
Response: 469398086
Conc: 69.55 ng/ml



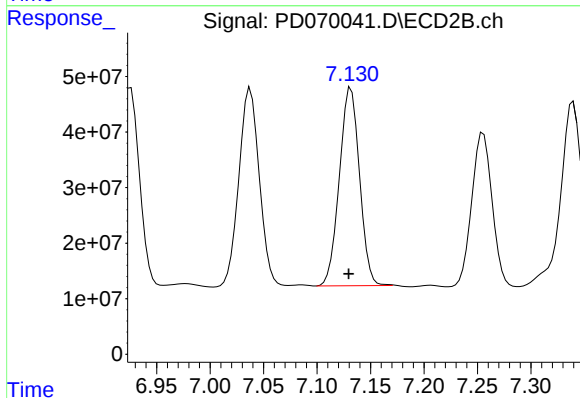
#15 Endosulfan II

R.T.: 6.265 min
Delta R.T.: 0.002 min
Response: 65797139
Conc: 59.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
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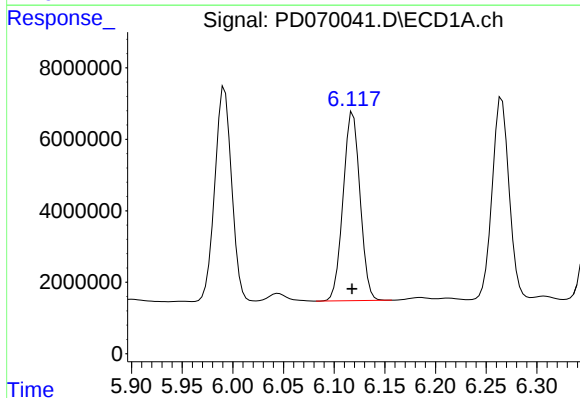
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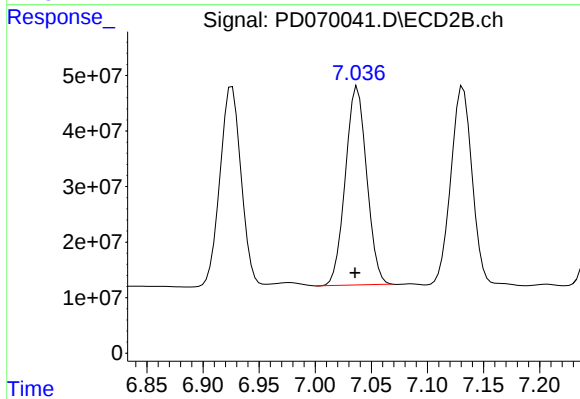
#15 Endosulfan II

R.T.: 7.132 min
Delta R.T.: 0.002 min
Response: 468654385
Conc: 63.09 ng/ml



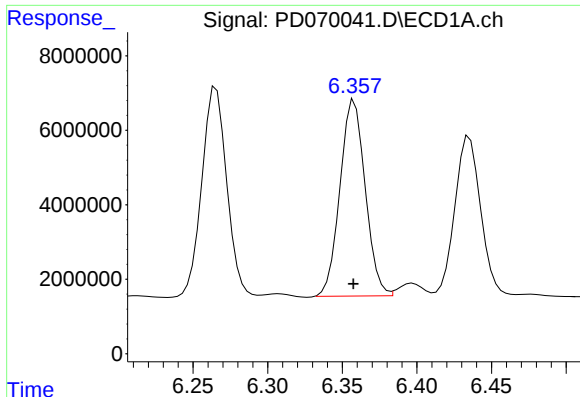
#16 4,4'-DDD

R.T.: 6.119 min
Delta R.T.: 0.000 min
Response: 61316540
Conc: 56.67 ng/ml



#16 4,4'-DDD

R.T.: 7.038 min
Delta R.T.: 0.002 min
Response: 472537124
Conc: 63.81 ng/ml



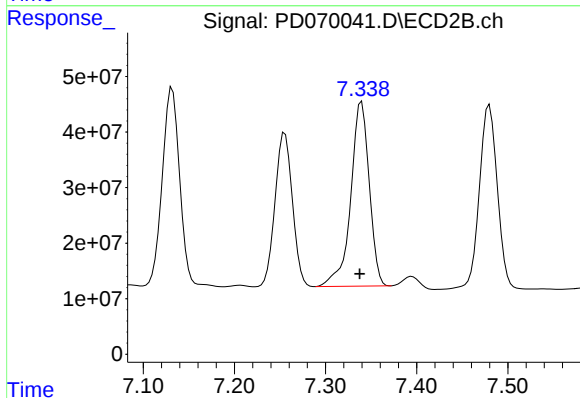
#17 4,4'-DDT

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 62145381
Conc: 62.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
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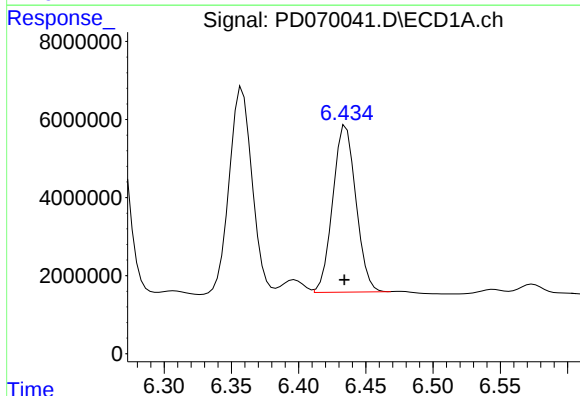
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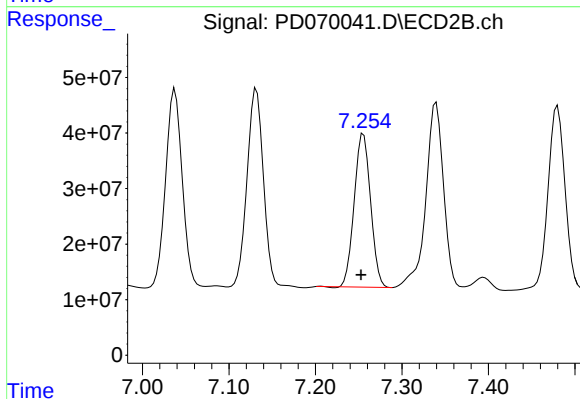
#17 4,4'-DDT

R.T.: 7.340 min
Delta R.T.: 0.002 min
Response: 468623364
Conc: 64.04 ng/ml



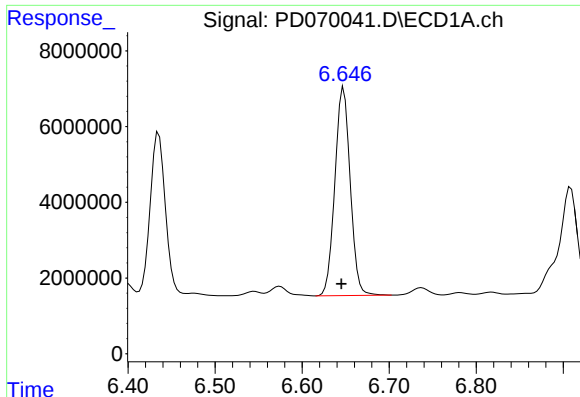
#18 Endrin aldehyde

R.T.: 6.435 min
Delta R.T.: 0.001 min
Response: 50901262
Conc: 59.24 ng/ml



#18 Endrin aldehyde

R.T.: 7.255 min
Delta R.T.: 0.002 min
Response: 362731625
Conc: 63.17 ng/ml



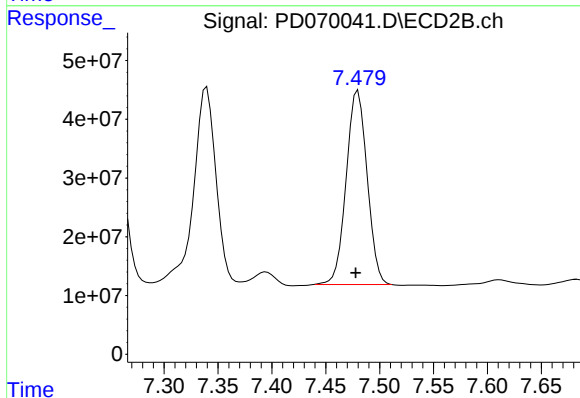
#19 Endosulfan Sulfate

R.T.: 6.648 min
Delta R.T.: 0.002 min
Response: 67449913
Conc: 58.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
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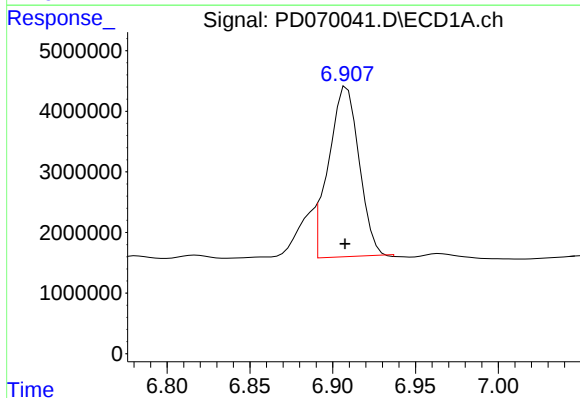
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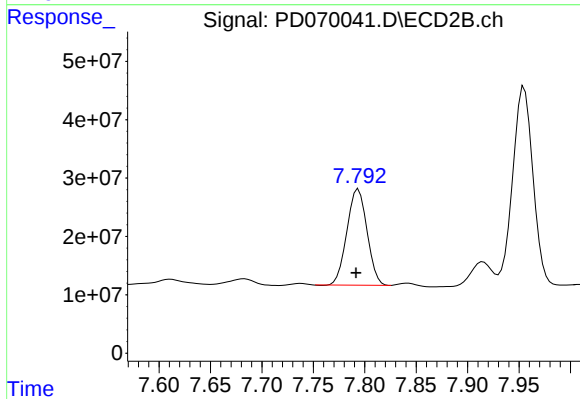
#19 Endosulfan Sulfate

R.T.: 7.480 min
Delta R.T.: 0.002 min
Response: 447578426
Conc: 60.70 ng/ml



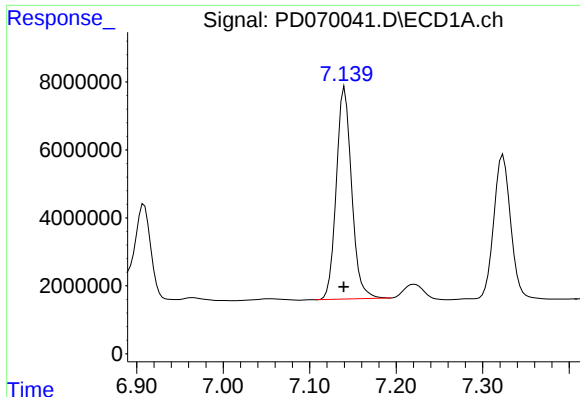
#20 Methoxychlor

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 35170385
Conc: 62.00 ng/ml m



#20 Methoxychlor

R.T.: 7.794 min
Delta R.T.: 0.002 min
Response: 224433572
Conc: 62.94 ng/ml



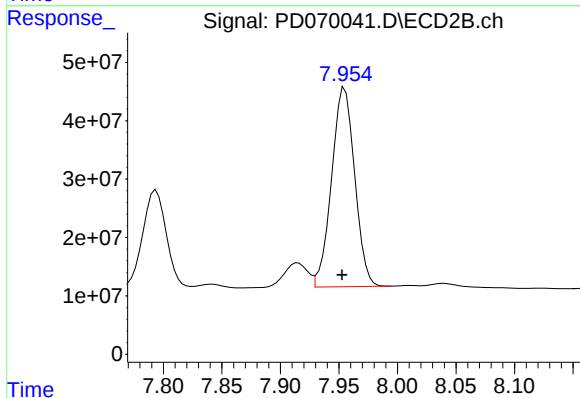
#21 Endrin ketone

R.T.: 7.141 min
Delta R.T.: 0.001 min
Response: 76497464
Conc: 57.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
P028-SS001-0612-01MSD

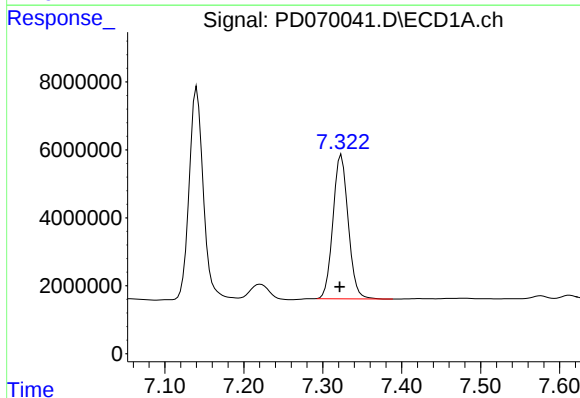
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/04/2022
Supervised By :Ankita Jodhani 06/06/2022



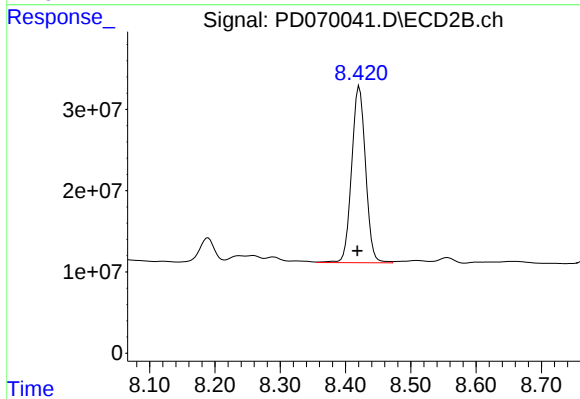
#21 Endrin ketone

R.T.: 7.955 min
Delta R.T.: 0.002 min
Response: 468690169
Conc: 58.87 ng/ml



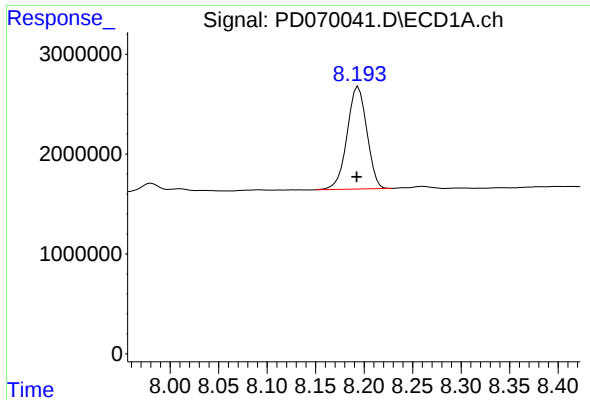
#22 Mirex

R.T.: 7.324 min
Delta R.T.: 0.002 min
Response: 56834920
Conc: 56.52 ng/ml



#22 Mirex

R.T.: 8.421 min
Delta R.T.: 0.003 min
Response: 322134476
Conc: 60.30 ng/ml



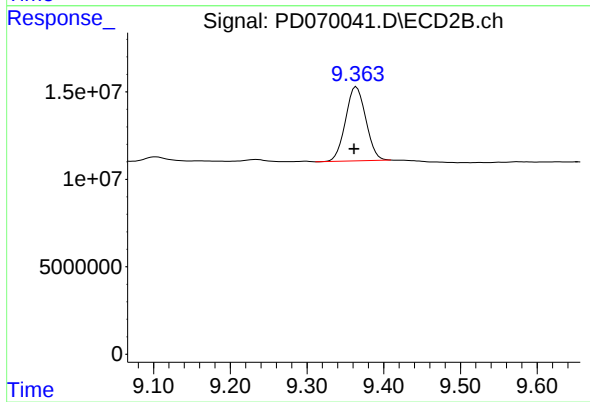
#28 Decachlorobiphenyl

R.T.: 8.194 min
Delta R.T.: 0.002 min
Response: 14537671
Conc: 13.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
P028-SS001-0612-01MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/04/2022
Supervised By :Ankita Jodhani 06/06/2022



#28 Decachlorobiphenyl

R.T.: 9.364 min
Delta R.T.: 0.003 min
Response: 78227362
Conc: 14.46 ng/ml