

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060722\
 Data File : PD070157.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jun 2022 11:36
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/08/2022
 Supervised By : Ankita Jodhani 06/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 11:49:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 07 06:00:04 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...	3.448	4.167	47861191	440.2E6	44.085	45.100
28)	SA Decachlor...	8.202	9.361	49540375	291.3E6	44.546	47.355
Target Compounds							
2)	A alpha-BHC	3.887	4.563	74131616	669.5E6	45.323	45.938
3)	MA gamma-BHC...	4.170	4.854	68434239	622.0E6	44.443	46.098
4)	MA Heptachlor	4.468	5.380	67928093	607.9E6	43.927	46.444
5)	MB Aldrin	4.715	5.692	65177951	594.2E6	44.318	46.454
6)	B beta-BHC	4.422	5.017	30656700	270.0E6	42.613	44.353
7)	B delta-BHC	4.625	5.243	68775539	518.2E6	44.426	57.087 #
8)	B Heptachlo...	5.159	6.081	60630541	486.2E6	44.215	59.014 #
9)	A Endosulfan I	5.498	6.444	57110919	494.9E6	43.631	46.733
10)	B gamma-Chl...	5.385	6.318	61595863	542.7E6	44.329	47.219
11)	B alpha-Chl...	5.444	6.393	61067274	507.4E6	44.103	44.888
12)	B 4,4'-DDE	5.610	6.543	56336136	485.9E6	45.046	46.343
13)	MA Dieldrin	5.741	6.702	59742560	506.3E6	44.359	46.317
14)	MA Endrin	5.999	6.923	49403359	374.9E6	41.023	44.663
15)	B Endosulfa...	6.273	7.128	49575341	388.3E6	43.910	45.929
16)	A 4,4'-DDD	6.127	7.034	48702566	401.9E6	44.842	47.784
17)	MA 4,4'-DDT	6.367	7.337	47001921	383.7E6	44.304	44.702
18)	B Endrin al...	6.443	7.250	39096543	311.0E6	42.246	45.318m
19)	B Endosulfa...	6.655	7.477	50926972	389.0E6	43.030	46.697
20)	A Methoxychlor	6.917	7.791	27167165	193.9E6	44.065	45.991
21)	B Endrin ke...	7.148	7.952	62358264	434.2E6	46.326	50.035
22)	Mirex	7.331	8.417	46300985	290.0E6	44.334	47.202

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060722\
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 Acq On : 07 Jun 2022 11:36
 Operator : AR\AJ
 Sample : PSTDCCC050
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 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

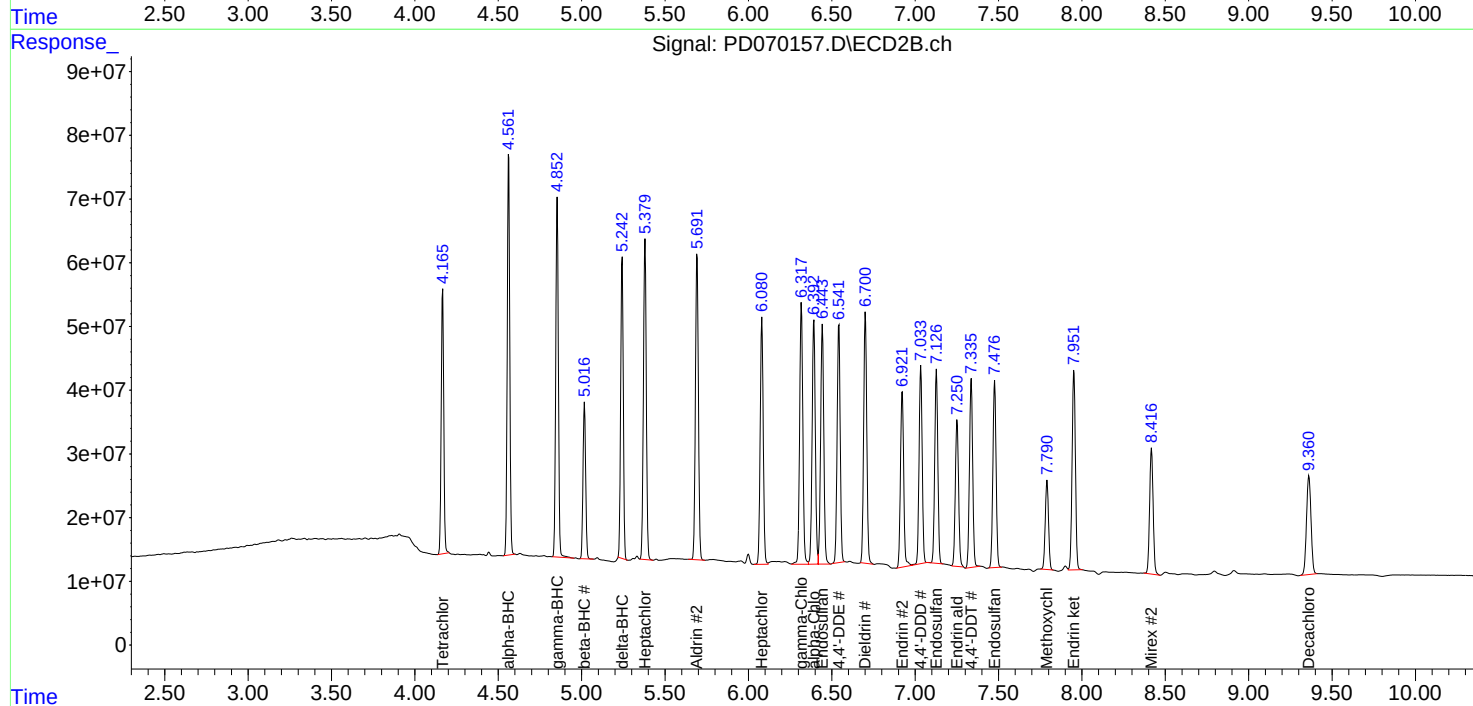
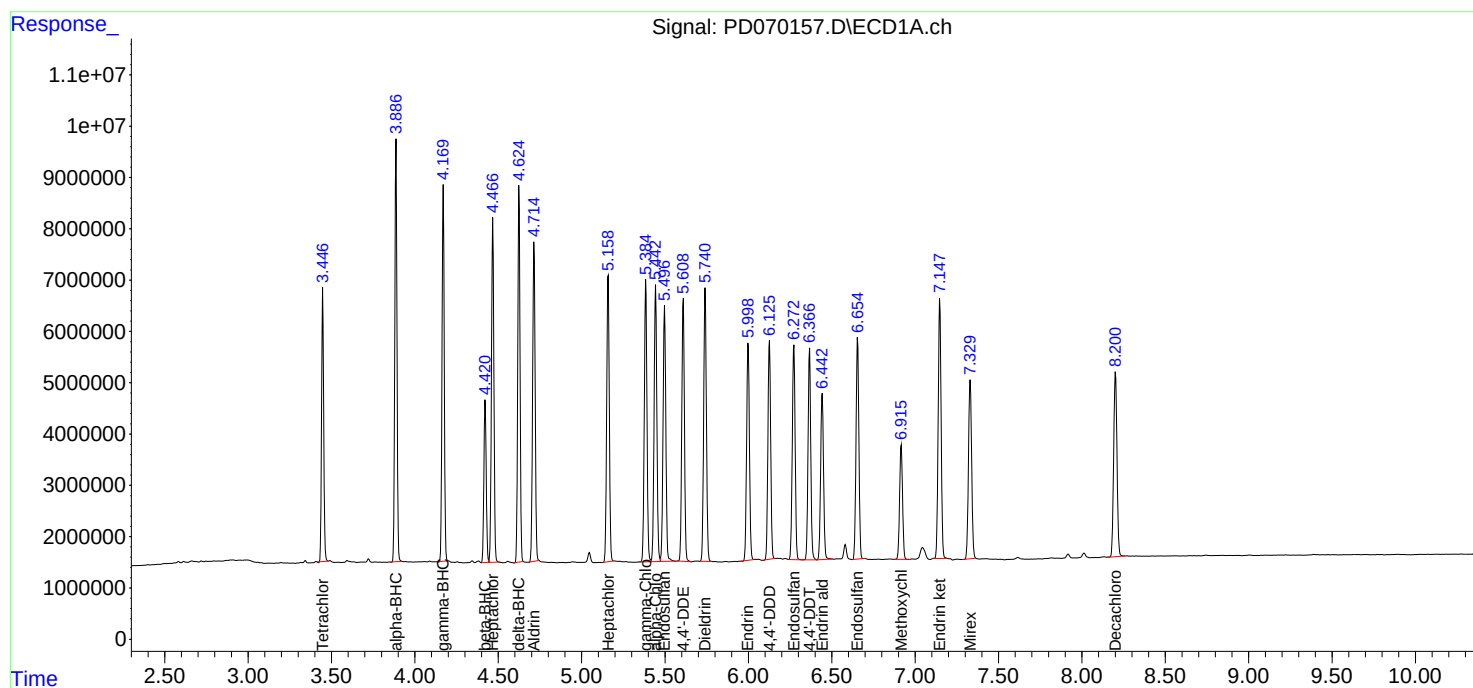
Manual Integrations

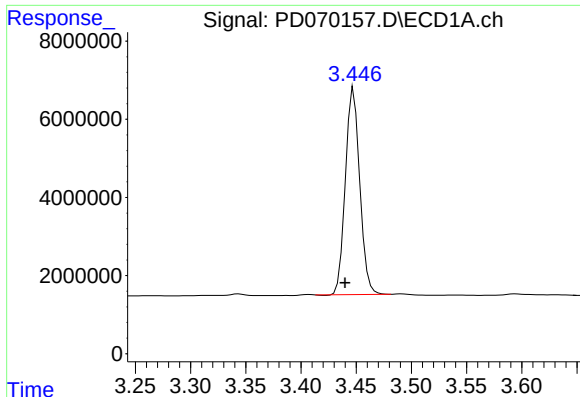
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Reviewed By :Abdul Mirza 06/08/2022
 Supervised By :Ankita Jodhani 06/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 11:49:10 2022
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 Quant Title : GC Extractables
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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





#1 Tetrachloro-m-xylene

R.T.: 3.448 min
Delta R.T.: 0.008 min
Response: 47861191
Conc: 44.09 ng/ml

Instrument :

ECD_D

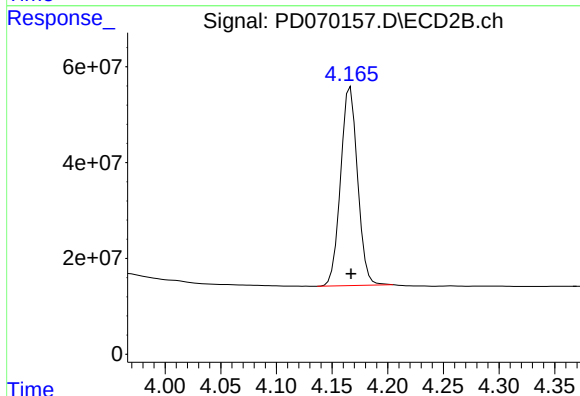
ClientSampleId :

PSTDCCC050

Manual Integrations

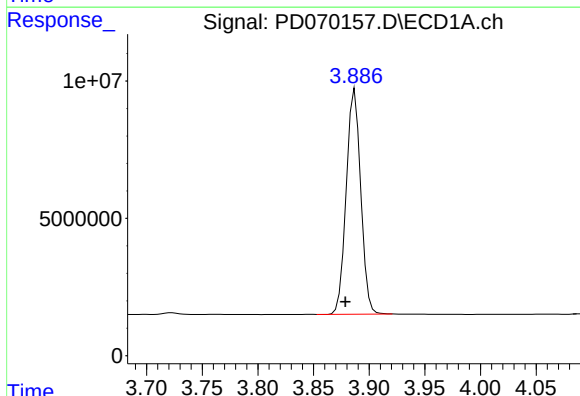
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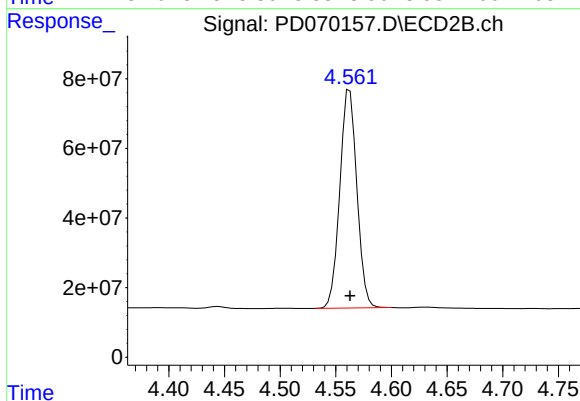
#1 Tetrachloro-m-xylene

R.T.: 4.167 min
Delta R.T.: 0.000 min
Response: 440240671
Conc: 45.10 ng/ml



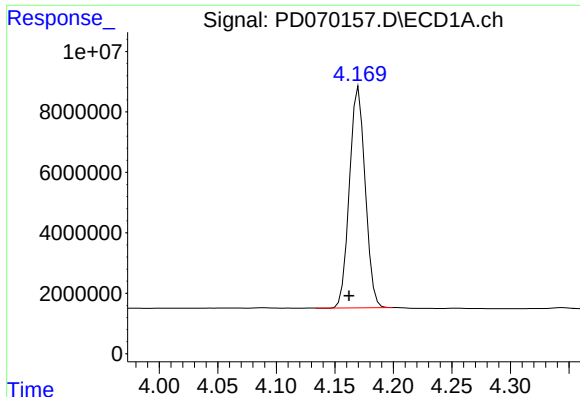
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: 0.009 min
Response: 74131616
Conc: 45.32 ng/ml



#2 alpha-BHC

R.T.: 4.563 min
Delta R.T.: 0.000 min
Response: 669503830
Conc: 45.94 ng/ml



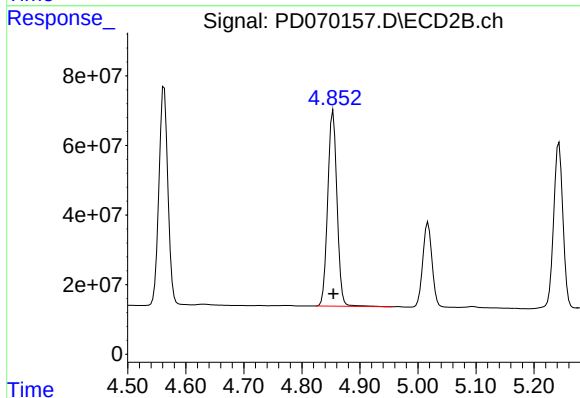
#3 gamma-BHC (Lindane)

R.T.: 4.170 min
Delta R.T.: 0.008 min
Response: 68434239
Conc: 44.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

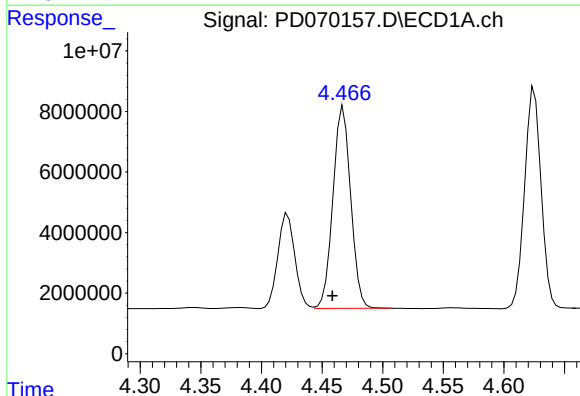
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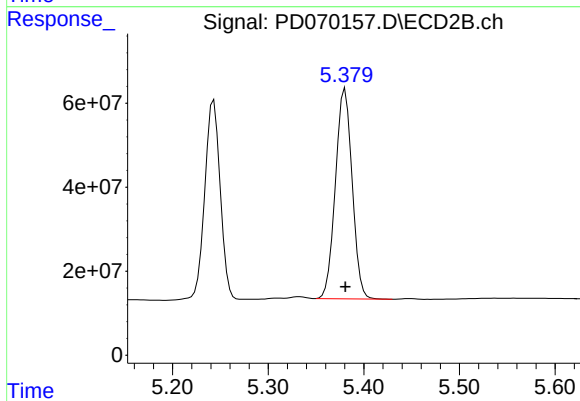
#3 gamma-BHC (Lindane)

R.T.: 4.854 min
Delta R.T.: 0.000 min
Response: 622030080
Conc: 46.10 ng/ml



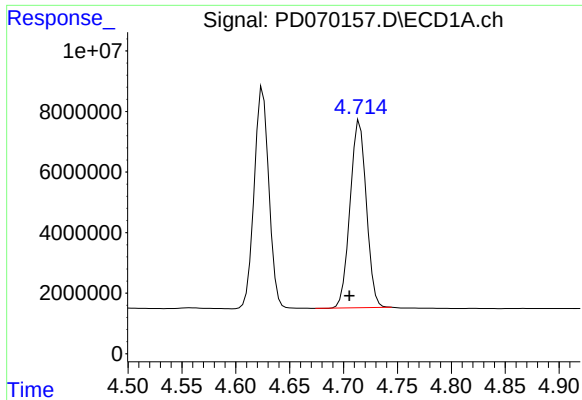
#4 Heptachlor

R.T.: 4.468 min
Delta R.T.: 0.009 min
Response: 67928093
Conc: 43.93 ng/ml



#4 Heptachlor

R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 607949295
Conc: 46.44 ng/ml



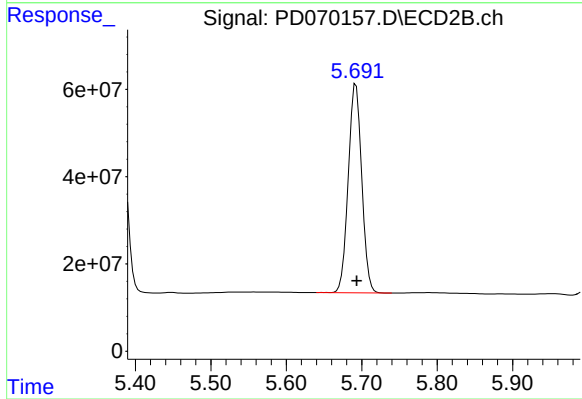
#5 Aldrin

R.T.: 4.715 min
Delta R.T.: 0.010 min
Response: 65177951
Conc: 44.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

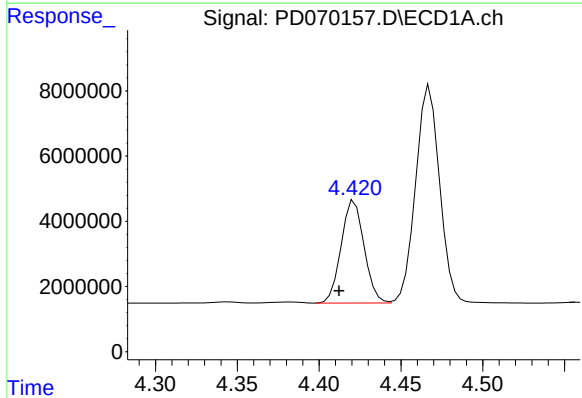
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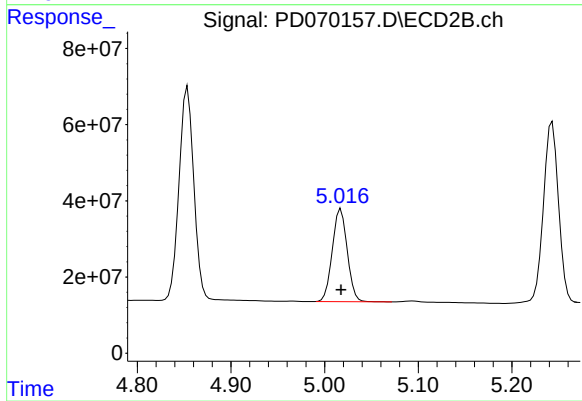
#5 Aldrin

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 594238867
Conc: 46.45 ng/ml



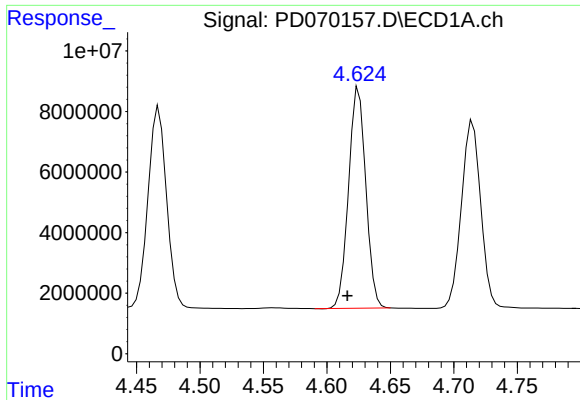
#6 beta-BHC

R.T.: 4.422 min
Delta R.T.: 0.009 min
Response: 30656700
Conc: 42.61 ng/ml



#6 beta-BHC

R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 270030430
Conc: 44.35 ng/ml



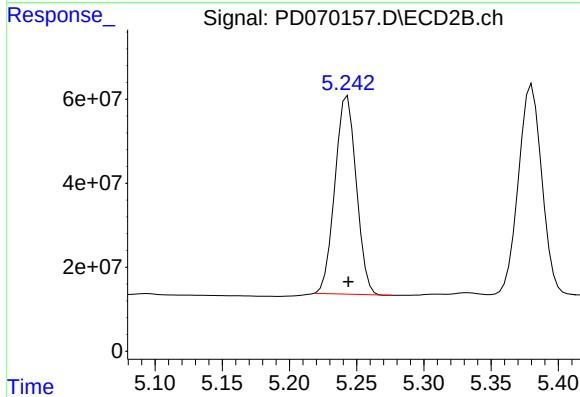
#7 delta-BHC

R.T.: 4.625 min
Delta R.T.: 0.009 min
Response: 68775539
Conc: 44.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

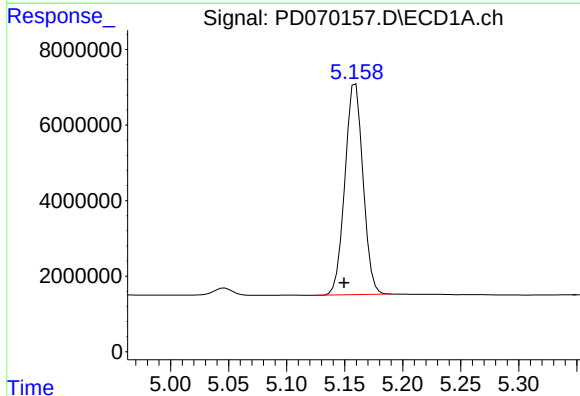
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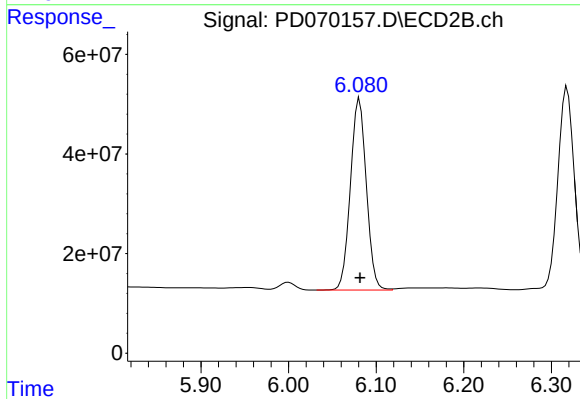
#7 delta-BHC

R.T.: 5.243 min
Delta R.T.: 0.000 min
Response: 518197023
Conc: 57.09 ng/ml



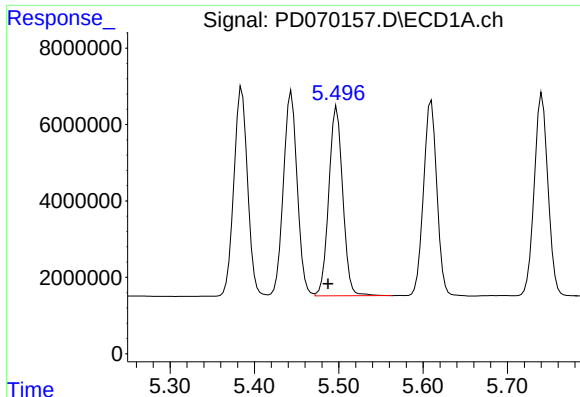
#8 Heptachlor epoxide

R.T.: 5.159 min
Delta R.T.: 0.010 min
Response: 60630541
Conc: 44.21 ng/ml



#8 Heptachlor epoxide

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 486177139
Conc: 59.01 ng/ml



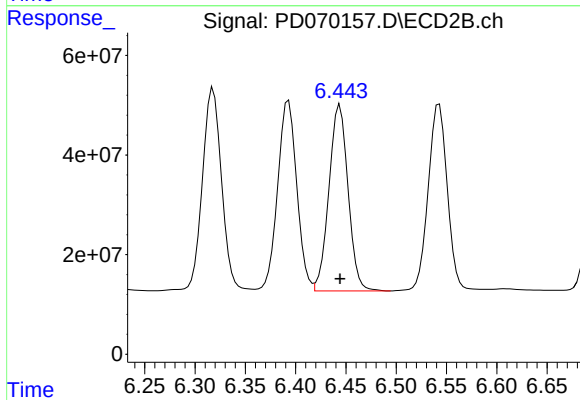
#9 Endosulfan I

R.T.: 5.498 min
Delta R.T.: 0.010 min
Response: 57110919
Conc: 43.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

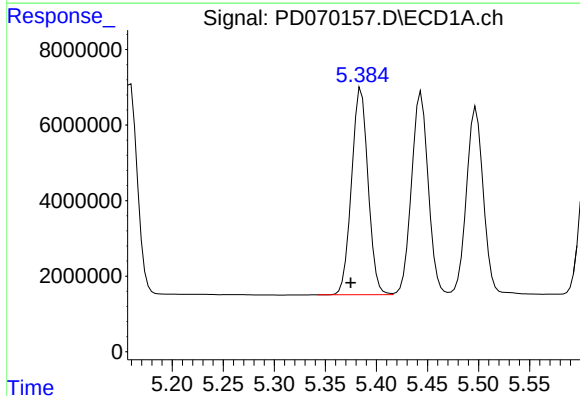
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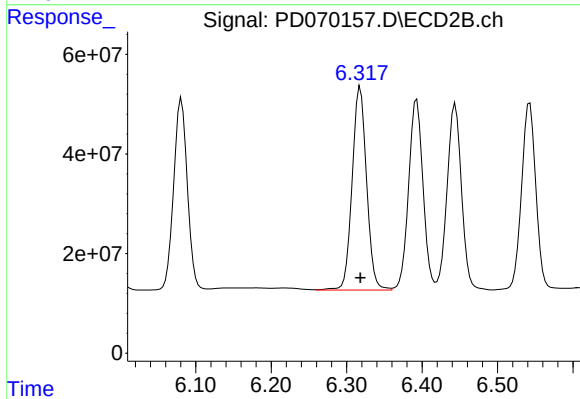
#9 Endosulfan I

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 494897792
Conc: 46.73 ng/ml



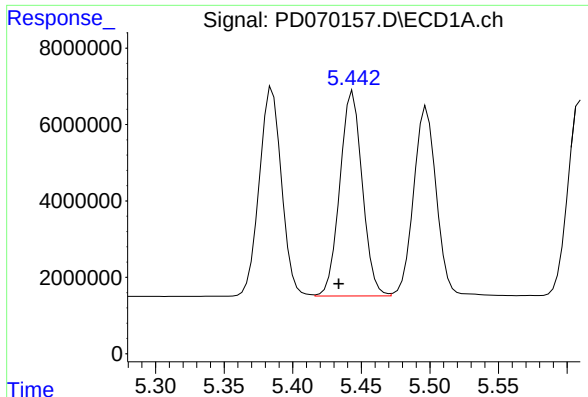
#10 gamma-Chlordane

R.T.: 5.385 min
Delta R.T.: 0.010 min
Response: 61595863
Conc: 44.33 ng/ml



#10 gamma-Chlordane

R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 542731067
Conc: 47.22 ng/ml



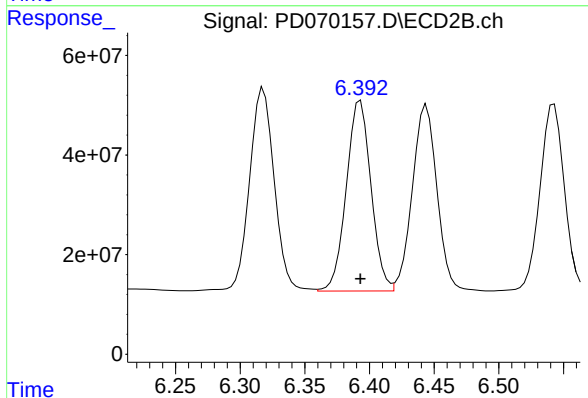
#11 alpha-Chlordane

R.T.: 5.444 min
Delta R.T.: 0.010 min
Response: 61067274
Conc: 44.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

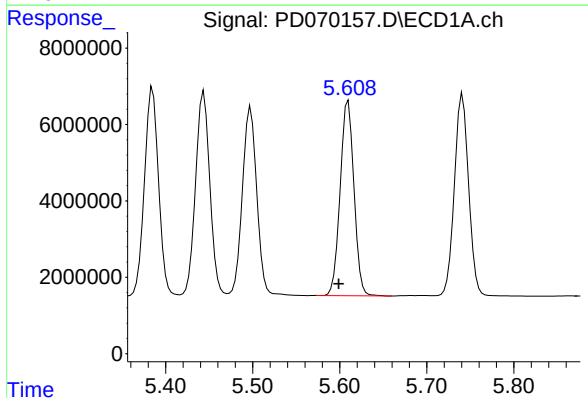
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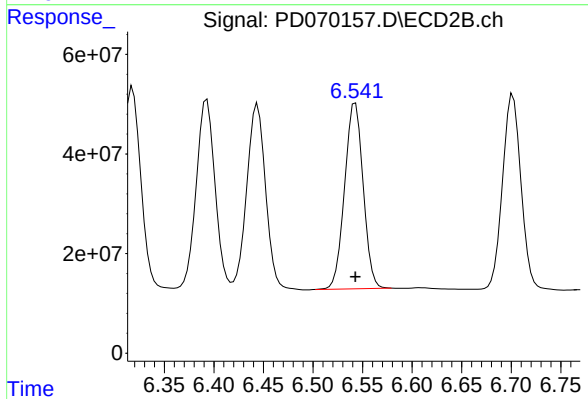
#11 alpha-Chlordane

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 507432003
Conc: 44.89 ng/ml



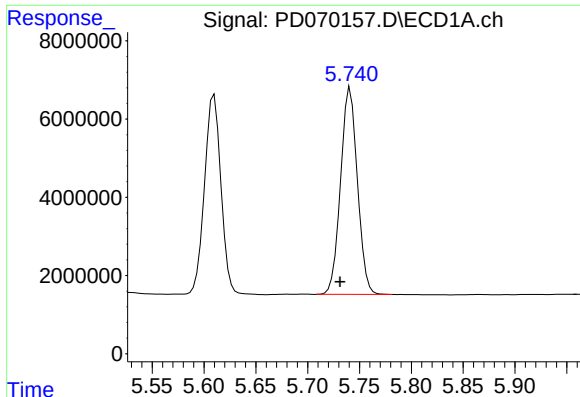
#12 4,4'-DDE

R.T.: 5.610 min
Delta R.T.: 0.011 min
Response: 56336136
Conc: 45.05 ng/ml



#12 4,4'-DDE

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 485876367
Conc: 46.34 ng/ml



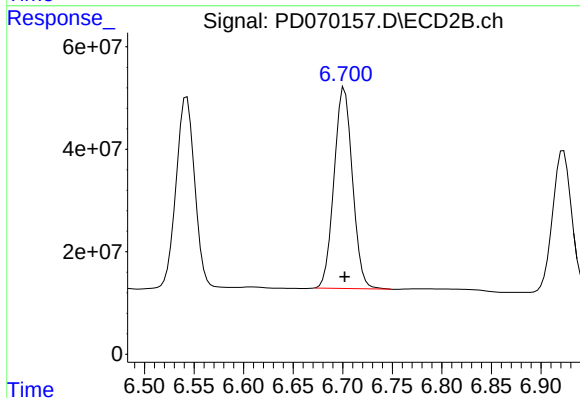
#13 Dieldrin

R.T.: 5.741 min
Delta R.T.: 0.010 min
Response: 59742560
Conc: 44.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

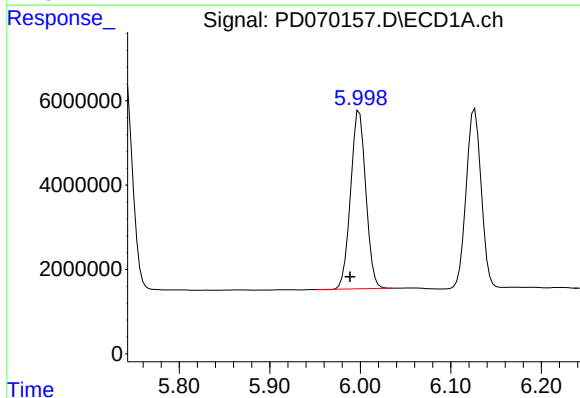
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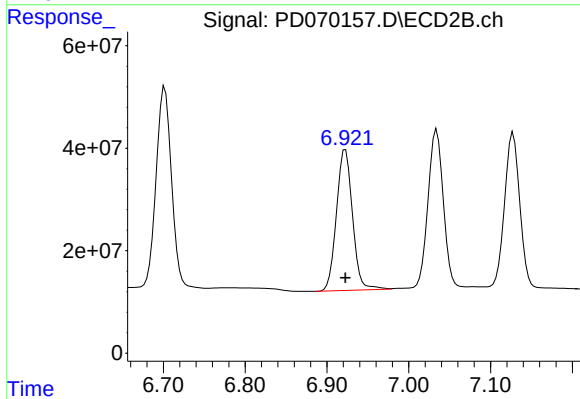
#13 Dieldrin

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 506270699
Conc: 46.32 ng/ml



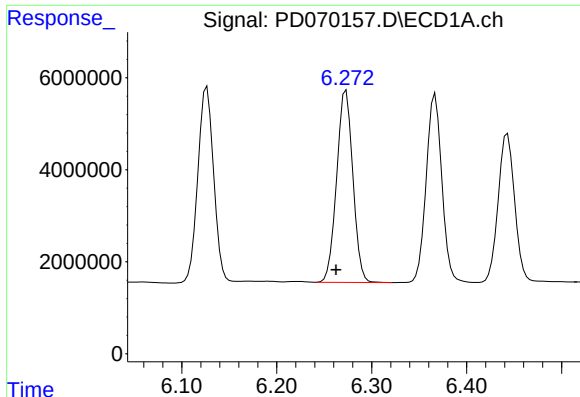
#14 Endrin

R.T.: 5.999 min
Delta R.T.: 0.010 min
Response: 49403359
Conc: 41.02 ng/ml



#14 Endrin

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 374895980
Conc: 44.66 ng/ml



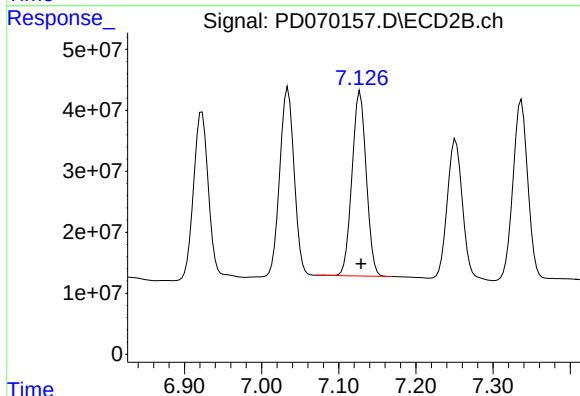
#15 Endosulfan II

R.T.: 6.273 min
Delta R.T.: 0.011 min
Response: 49575341
Conc: 43.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

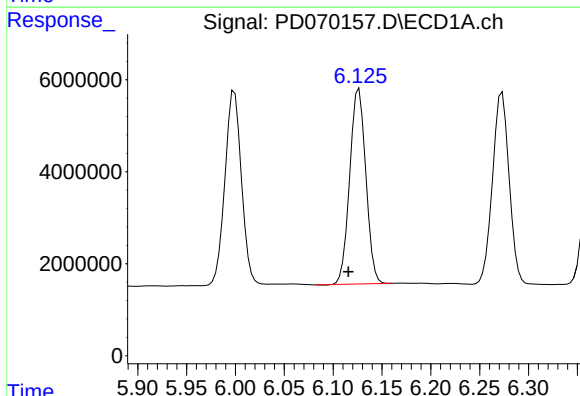
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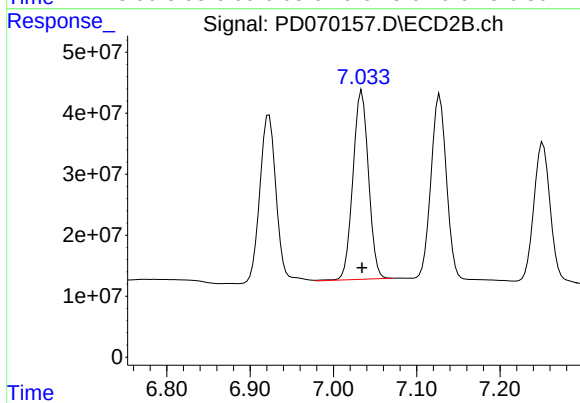
#15 Endosulfan II

R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 388299843
Conc: 45.93 ng/ml



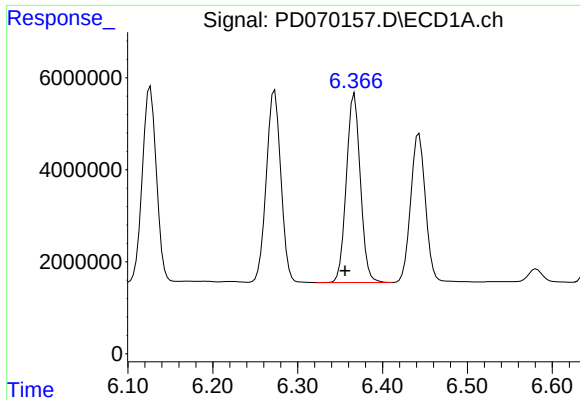
#16 4,4'-DDD

R.T.: 6.127 min
Delta R.T.: 0.011 min
Response: 48702566
Conc: 44.84 ng/ml



#16 4,4'-DDD

R.T.: 7.034 min
Delta R.T.: 0.000 min
Response: 401888037
Conc: 47.78 ng/ml



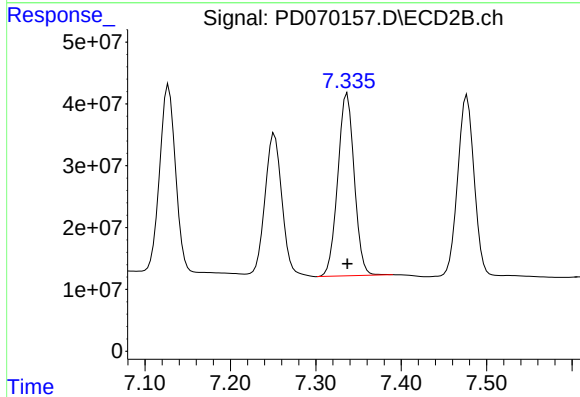
#17 4,4'-DDT

R.T.: 6.367 min
Delta R.T.: 0.011 min
Response: 47001921
Conc: 44.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

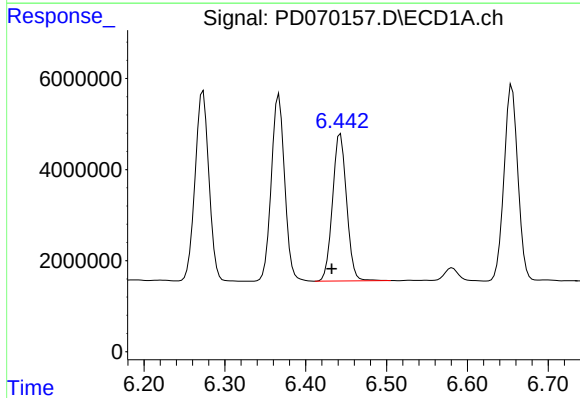
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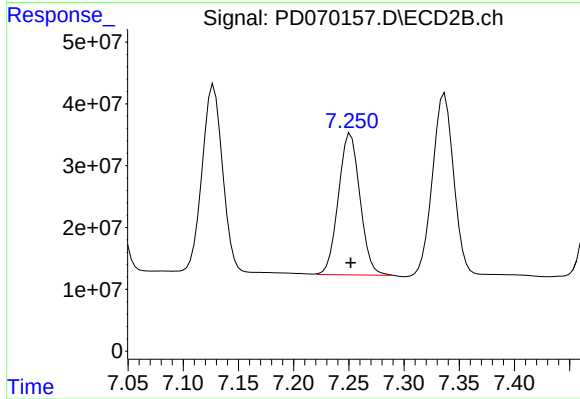
#17 4,4'-DDT

R.T.: 7.337 min
Delta R.T.: 0.000 min
Response: 383679737
Conc: 44.70 ng/ml



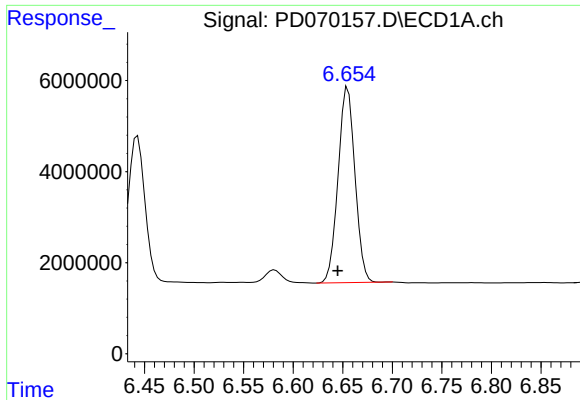
#18 Endrin aldehyde

R.T.: 6.443 min
Delta R.T.: 0.011 min
Response: 39096543
Conc: 42.25 ng/ml



#18 Endrin aldehyde

R.T.: 7.250 min
Delta R.T.: -0.002 min
Response: 310999583
Conc: 45.32 ng/ml m



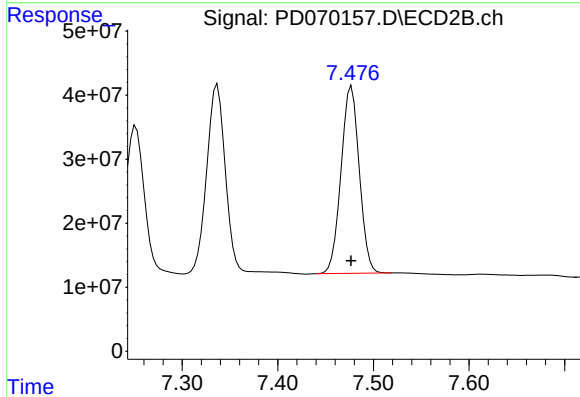
#19 Endosulfan Sulfate

R.T.: 6.655 min
Delta R.T.: 0.010 min
Response: 50926972
Conc: 43.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

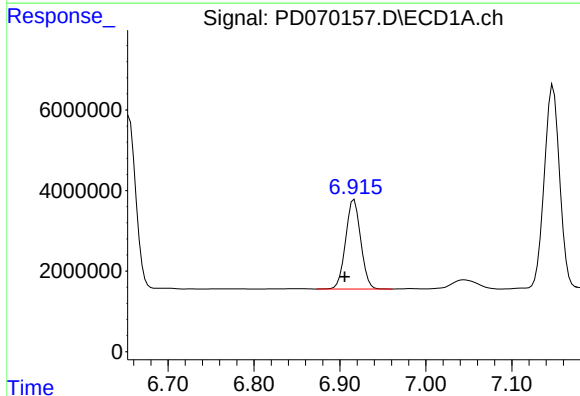
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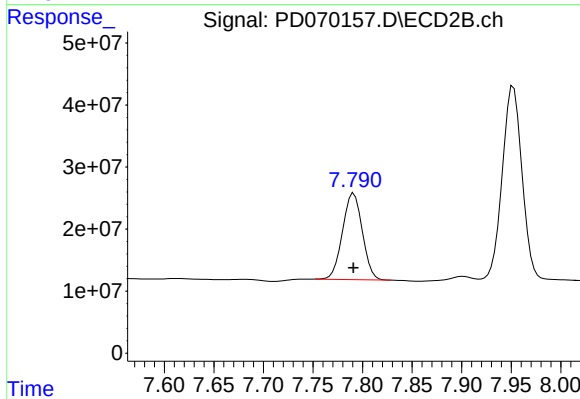
#19 Endosulfan Sulfate

R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 388962116
Conc: 46.70 ng/ml



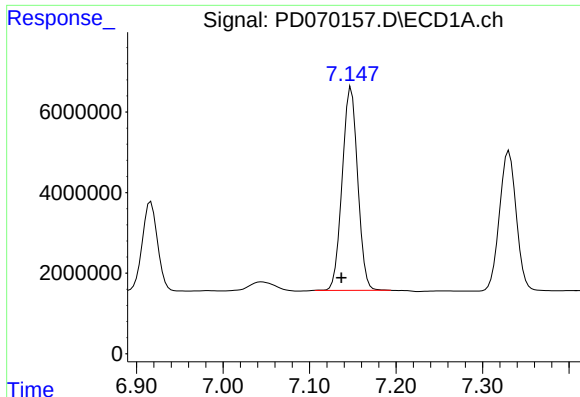
#20 Methoxychlor

R.T.: 6.917 min
Delta R.T.: 0.011 min
Response: 27167165
Conc: 44.06 ng/ml



#20 Methoxychlor

R.T.: 7.791 min
Delta R.T.: 0.000 min
Response: 193926439
Conc: 45.99 ng/ml



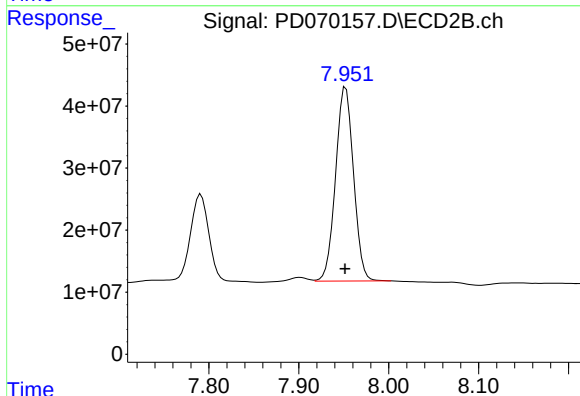
#21 Endrin ketone

R.T.: 7.148 min
Delta R.T.: 0.011 min
Response: 62358264
Conc: 46.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

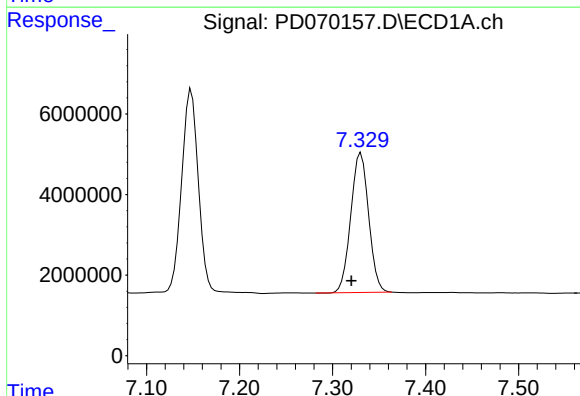
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Reviewed By :Abdul Mirza 06/08/2022
Supervised By :Ankita Jodhani 06/08/2022



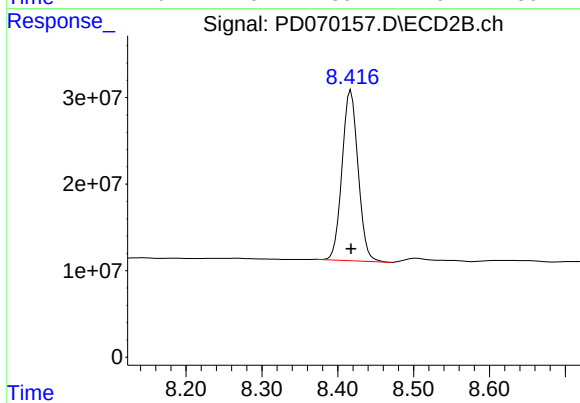
#21 Endrin ketone

R.T.: 7.952 min
Delta R.T.: 0.000 min
Response: 434150953
Conc: 50.03 ng/ml



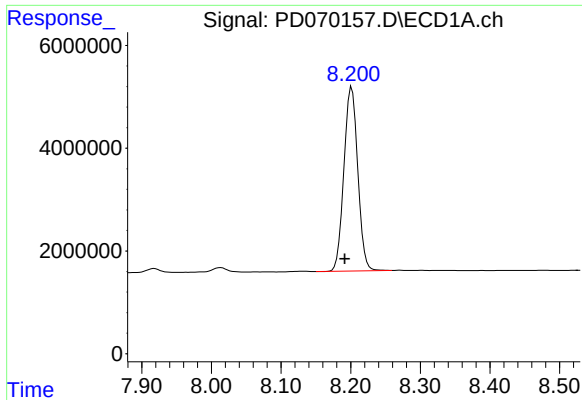
#22 Mirex

R.T.: 7.331 min
Delta R.T.: 0.010 min
Response: 46300985
Conc: 44.33 ng/ml



#22 Mirex

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 289966122
Conc: 47.20 ng/ml



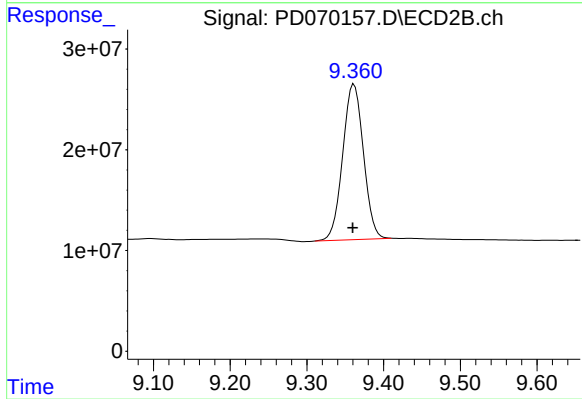
#28 Decachlorobiphenyl

R.T.: 8.202 min
Delta R.T.: 0.010 min
Response: 49540375
Conc: 44.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/08/2022
Supervised By :Ankita Jodhani 06/08/2022



#28 Decachlorobiphenyl

R.T.: 9.361 min
Delta R.T.: 0.002 min
Response: 291258636
Conc: 47.36 ng/ml