

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070922\
 Data File : PD070780.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2022 11:50
 Operator : AR\AJ
 Sample : PB146080BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB146080BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/11/2022
 Supervised By : Ankita Jodhani 07/11/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 22:58:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 05 15:26:13 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...	3.489	4.124	40168211	448.1E6	16.454	17.328
28)	SA Decachlor...	8.266	9.314	42991821	147.6E6	17.338	17.946
Target Compounds							
2)	A alpha-BHC	3.932	4.527	33845492	455.0E6	9.638	12.382m#
3)	MA gamma-BHC...	4.217	4.822	33933803	383.5E6	9.972	11.802
4)	MA Heptachlor	4.519	5.336	33802061	357.3E6	10.023	11.533
5)	MB Aldrin	4.768	5.649	32639619	320.1E6	9.888	11.355
6)	B beta-BHC	4.467	4.997	14953016	194.5E6	10.247	9.422
7)	B delta-BHC	4.673	5.221	32275541	342.2E6	9.866	11.962
8)	B Heptachlo...	5.213	6.044	30665928	281.9E6	10.178	12.387
9)	A Endosulfan I	5.553	6.408	27656582	239.2E6	9.878	11.679
10)	B gamma-Chl...	5.440	6.280	31822458	269.7E6	10.260	11.827
11)	B alpha-Chl...	5.499	6.353	31237868	256.2E6	10.271	11.629
12)	B 4,4'-DDE	5.665	6.508	28180219	228.6E6	9.693	11.177
13)	MA Dieldrin	5.798	6.669	29410472	230.1E6	9.775	11.355
14)	MA Endrin	6.057	6.892	26245054	176.4E6	9.762	11.461
15)	B Endosulfa...	6.331	7.106	24903215	172.9E6	10.489	11.780
16)	A 4,4'-DDD	6.184	7.006	25635191	177.3E6	10.505	12.526m
17)	MA 4,4'-DDT	6.425	7.308	26101923	172.7E6	10.454	11.333
18)	B Endrin al...	6.501	7.231	18445467	128.4E6	9.922	11.214
19)	B Endosulfa...	6.713	7.455	25631167	156.2E6	10.553	11.384
20)	A Methoxychlor	6.976	7.768	14052004	82753475	9.831	12.067
21)	B Endrin ke...	7.207	7.937	28941317	152.0E6	10.879	11.848
22)	Mirex	7.395	8.391	24977549	92661058	11.411	11.603

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070922\
Data File : PD070780.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2022 11:50
Operator : AR\AJ
Sample : PB146080BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB146080BS

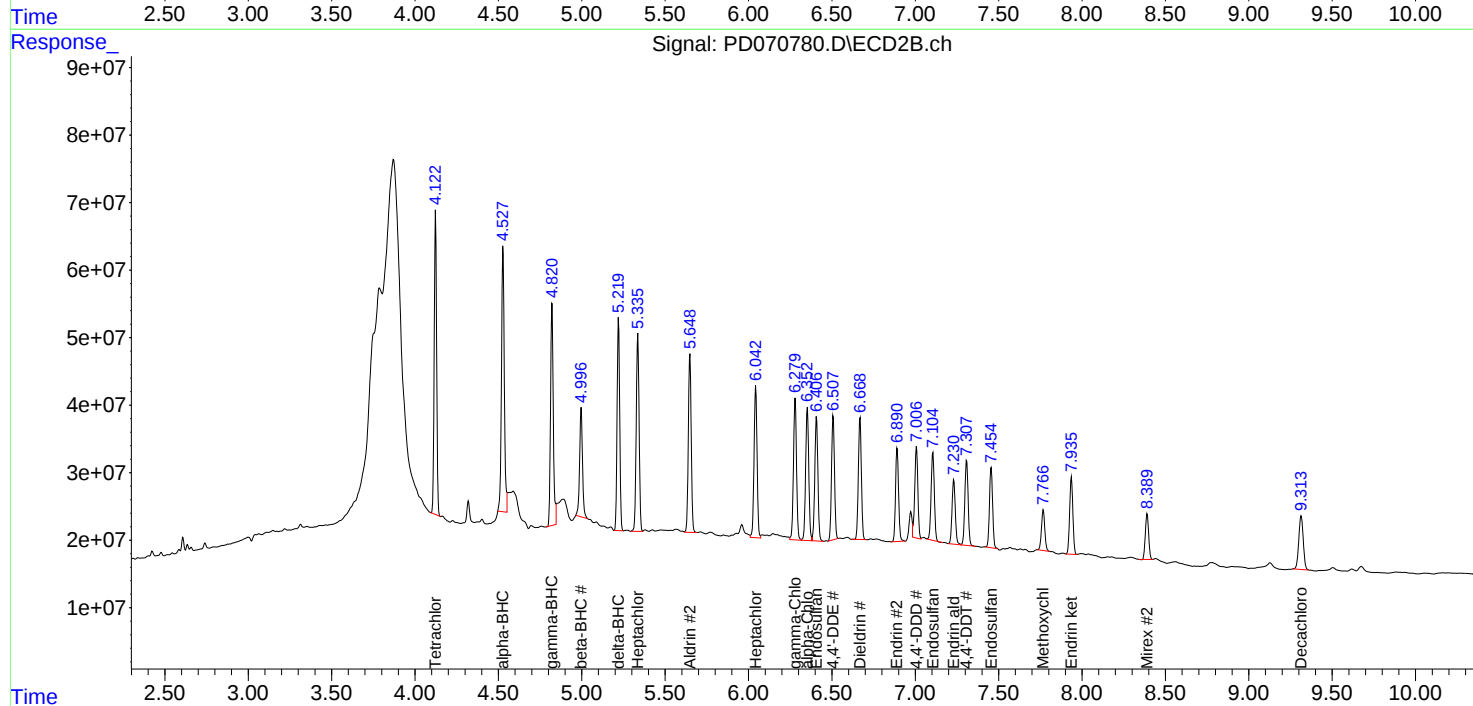
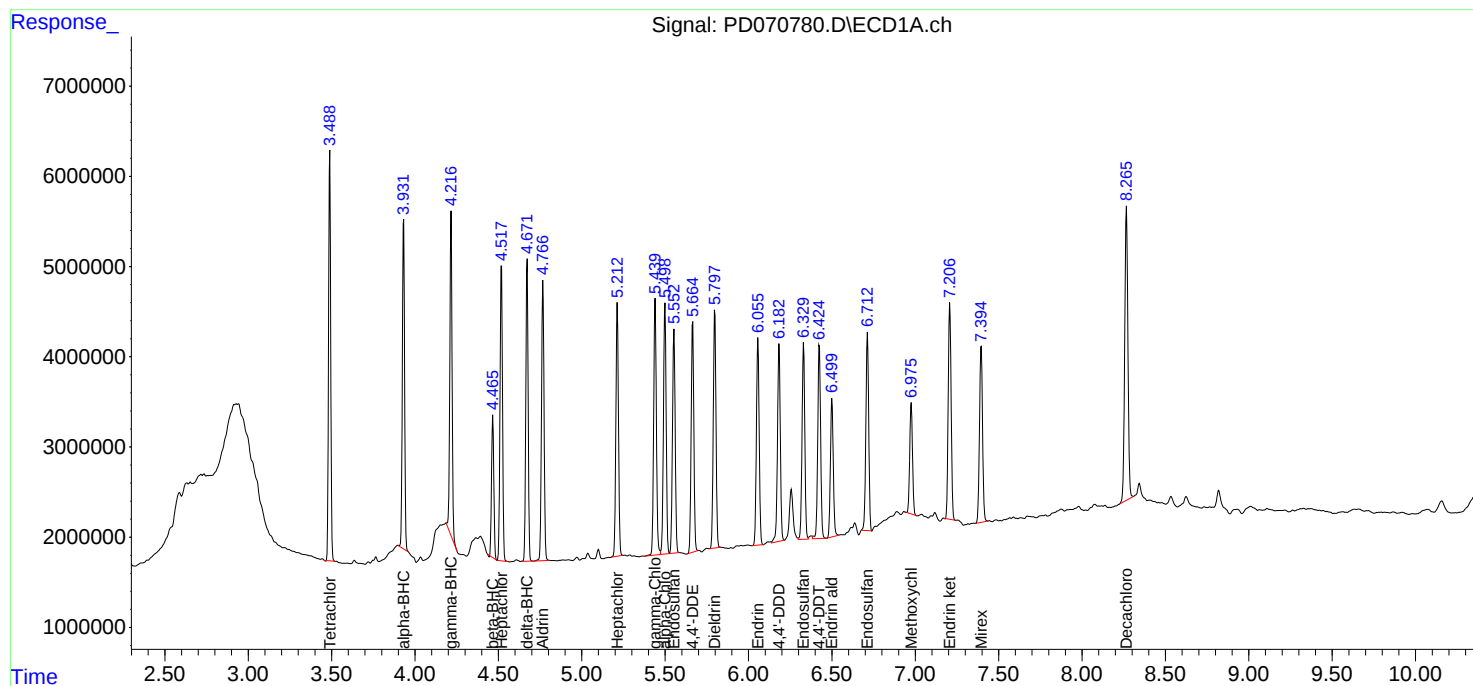
Manual Integrations

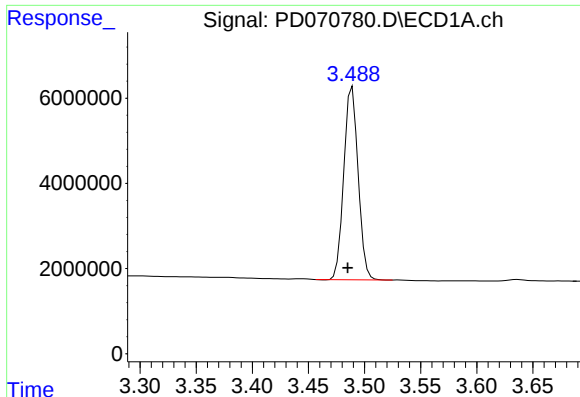
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Supervised By :Ankita Jodhani 07/11/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 22:58:28 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070522.M
Quant Title : GC Extractables
QLast Update : Tue Jul 05 15:26:13 2022
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





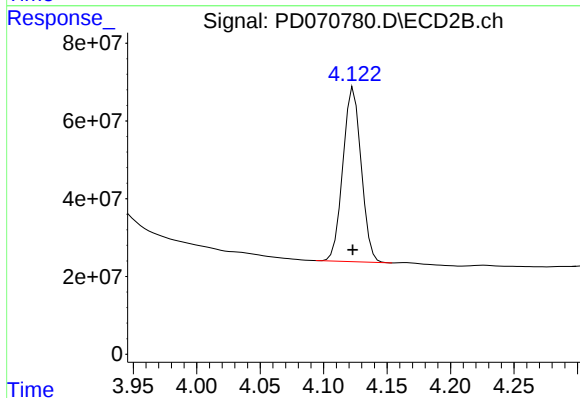
#1 Tetrachloro-m-xylene

R.T.: 3.489 min
Delta R.T.: 0.004 min
Response: 40168211
Conc: 16.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146080BS

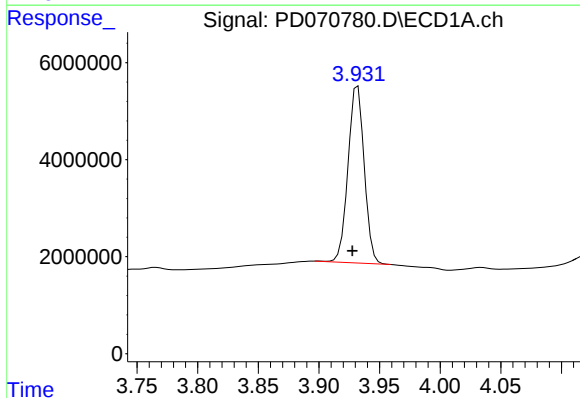
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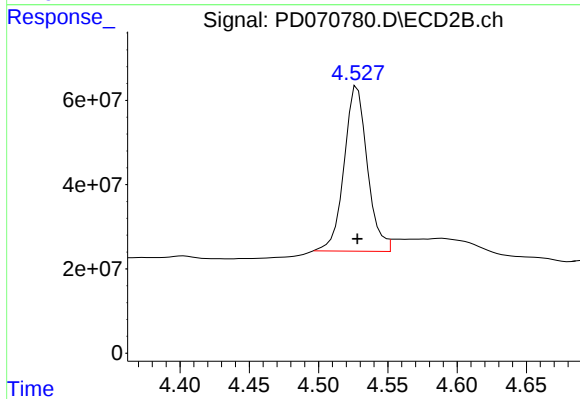
#1 Tetrachloro-m-xylene

R.T.: 4.124 min
Delta R.T.: 0.000 min
Response: 448124324
Conc: 17.33 ng/ml



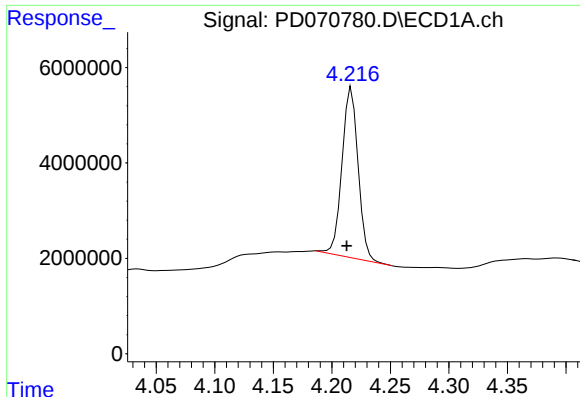
#2 alpha-BHC

R.T.: 3.932 min
Delta R.T.: 0.004 min
Response: 33845492
Conc: 9.64 ng/ml



#2 alpha-BHC

R.T.: 4.527 min
Delta R.T.: -0.001 min
Response: 455039371
Conc: 12.38 ng/ml m



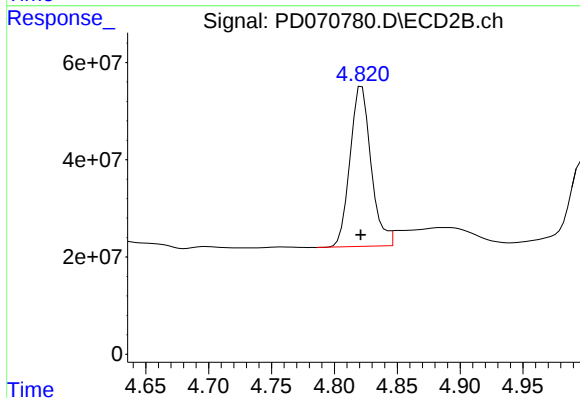
#3 gamma-BHC (Lindane)

R.T.: 4.217 min
Delta R.T.: 0.004 min
Response: 33933803
Conc: 9.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146080BS

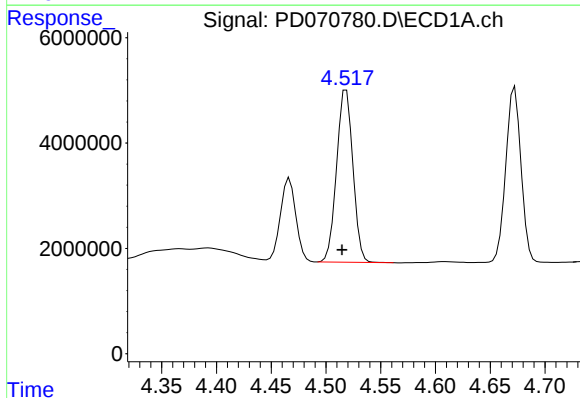
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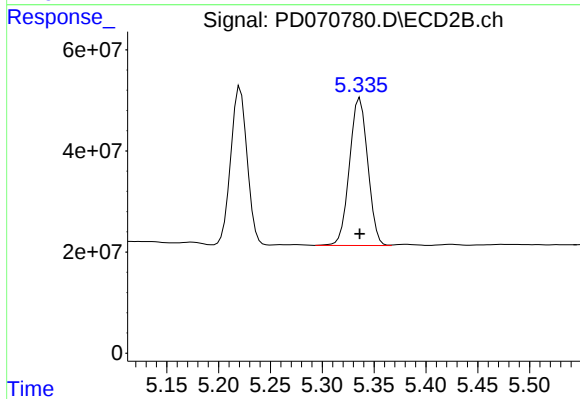
#3 gamma-BHC (Lindane)

R.T.: 4.822 min
Delta R.T.: 0.000 min
Response: 383466083
Conc: 11.80 ng/ml



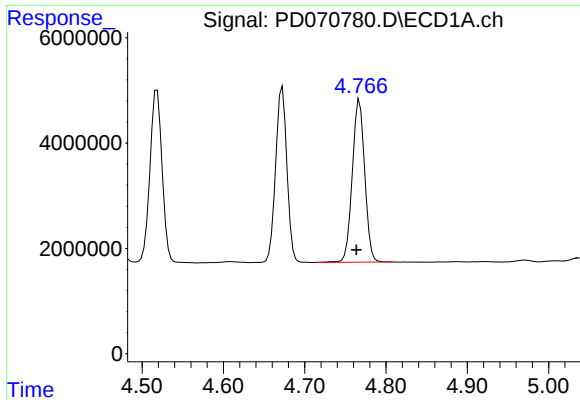
#4 Heptachlor

R.T.: 4.519 min
Delta R.T.: 0.004 min
Response: 33802061
Conc: 10.02 ng/ml



#4 Heptachlor

R.T.: 5.336 min
Delta R.T.: 0.000 min
Response: 357279172
Conc: 11.53 ng/ml



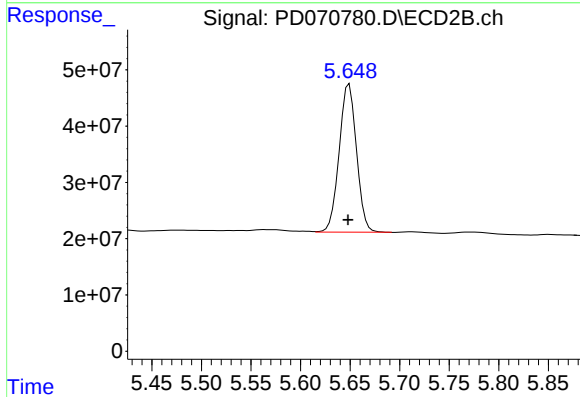
#5 Aldrin

R.T.: 4.768 min
Delta R.T.: 0.004 min
Response: 32639619
Conc: 9.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146080BS

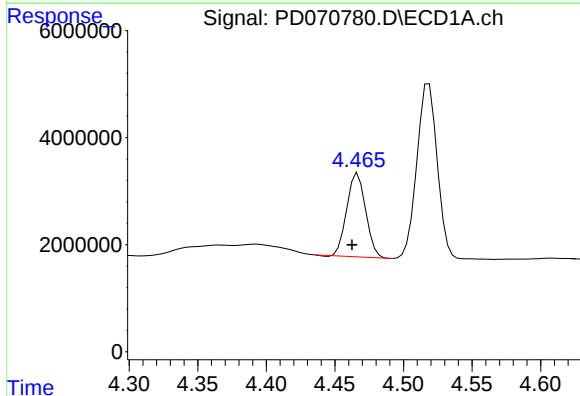
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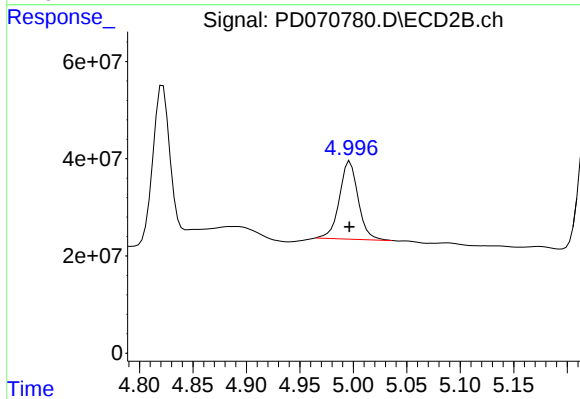
#5 Aldrin

R.T.: 5.649 min
Delta R.T.: 0.001 min
Response: 320130129
Conc: 11.35 ng/ml



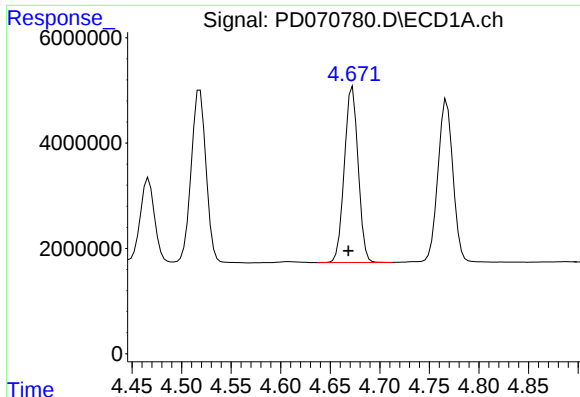
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.004 min
Response: 14953016
Conc: 10.25 ng/ml



#6 beta-BHC

R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 194470179
Conc: 9.42 ng/ml



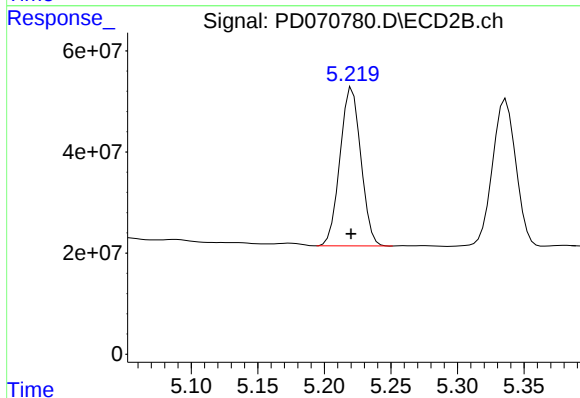
#7 delta-BHC

R.T.: 4.673 min
Delta R.T.: 0.004 min
Response: 32275541
Conc: 9.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146080BS

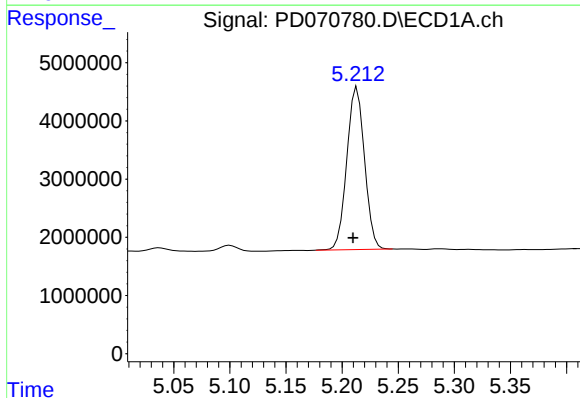
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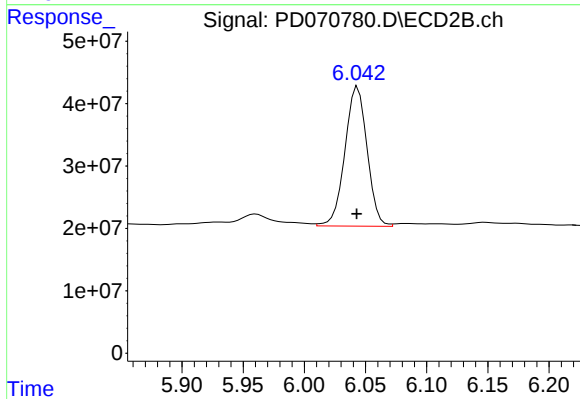
#7 delta-BHC

R.T.: 5.221 min
Delta R.T.: 0.000 min
Response: 342184121
Conc: 11.96 ng/ml



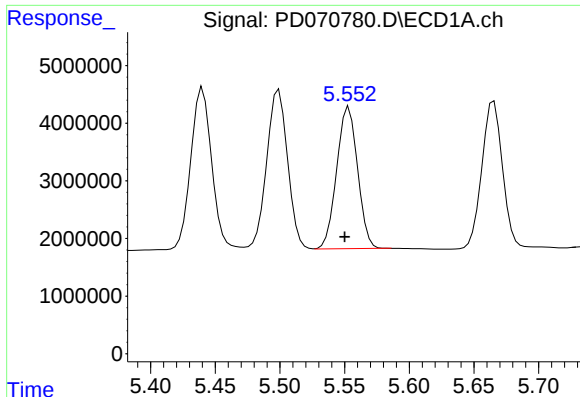
#8 Heptachlor epoxide

R.T.: 5.213 min
Delta R.T.: 0.004 min
Response: 30665928
Conc: 10.18 ng/ml



#8 Heptachlor epoxide

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 281882392
Conc: 12.39 ng/ml



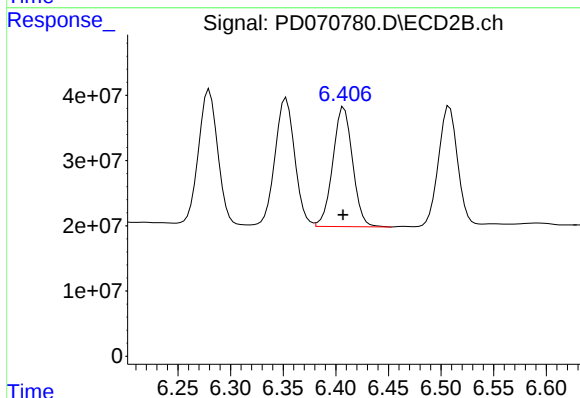
#9 Endosulfan I

R.T.: 5.553 min
Delta R.T.: 0.003 min
Response: 27656582
Conc: 9.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146080BS

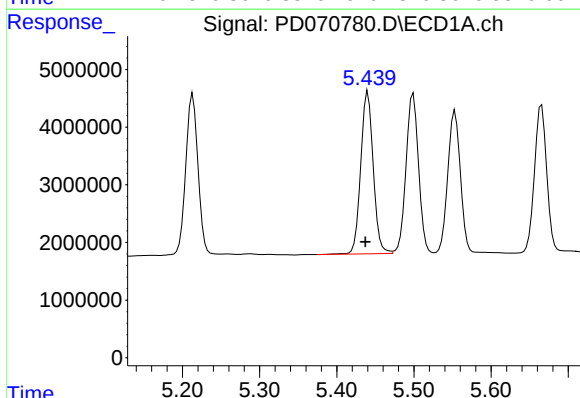
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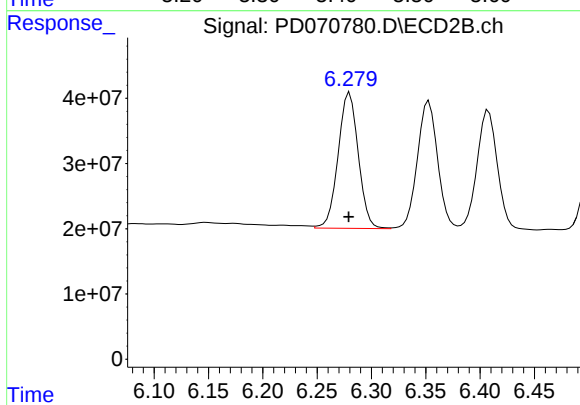
#9 Endosulfan I

R.T.: 6.408 min
Delta R.T.: 0.000 min
Response: 239166678
Conc: 11.68 ng/ml



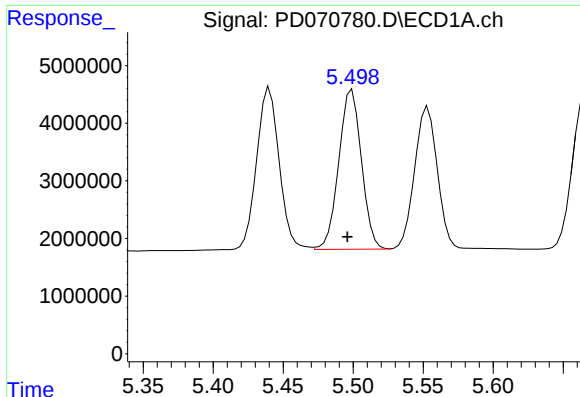
#10 gamma-Chlordane

R.T.: 5.440 min
Delta R.T.: 0.003 min
Response: 31822458
Conc: 10.26 ng/ml



#10 gamma-Chlordane

R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 269718872
Conc: 11.83 ng/ml



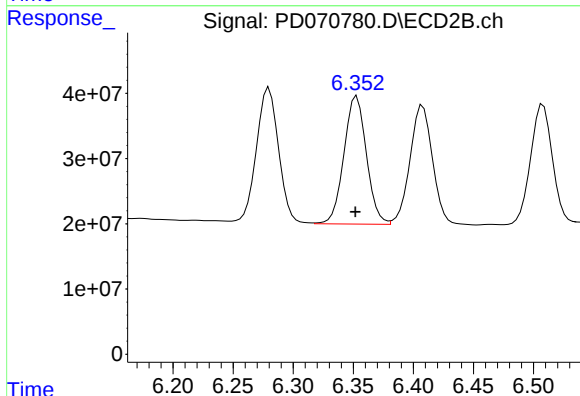
#11 alpha-Chlordane

R.T.: 5.499 min
Delta R.T.: 0.003 min
Response: 31237868
Conc: 10.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146080BS

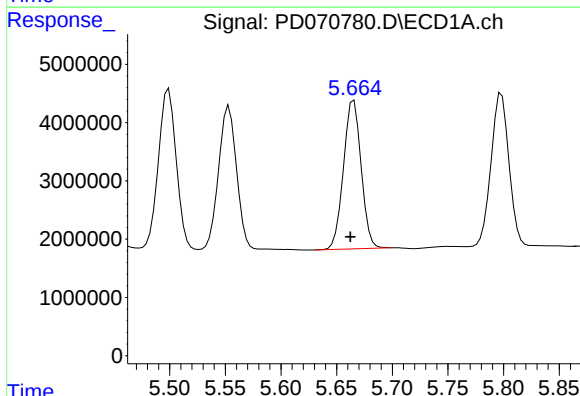
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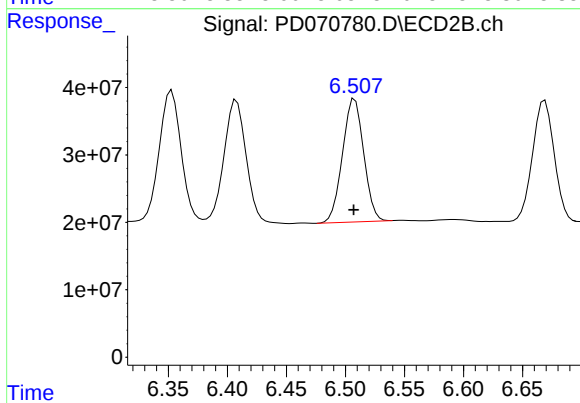
#11 alpha-Chlordane

R.T.: 6.353 min
Delta R.T.: 0.001 min
Response: 256158372
Conc: 11.63 ng/ml



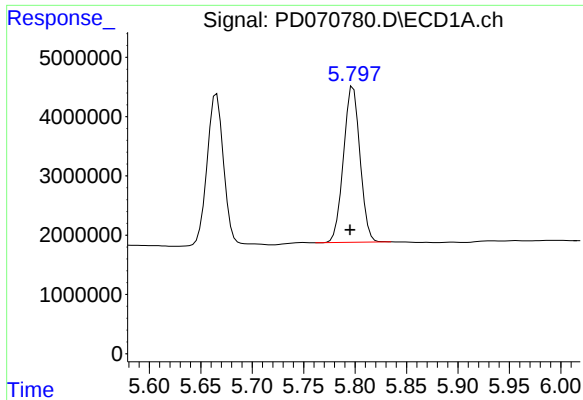
#12 4,4'-DDE

R.T.: 5.665 min
Delta R.T.: 0.003 min
Response: 28180219
Conc: 9.69 ng/ml



#12 4,4'-DDE

R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 228559537
Conc: 11.18 ng/ml



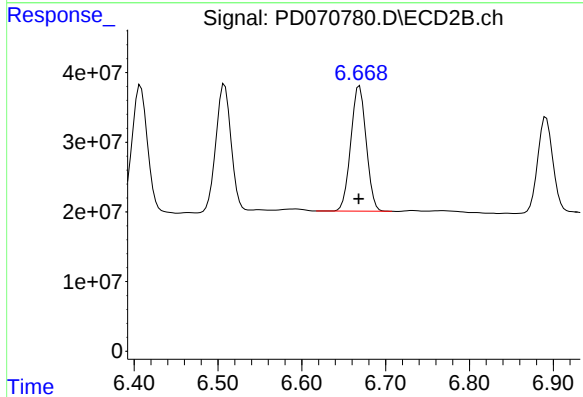
#13 Dieldrin

R.T.: 5.798 min
Delta R.T.: 0.003 min
Response: 29410472
Conc: 9.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146080BS

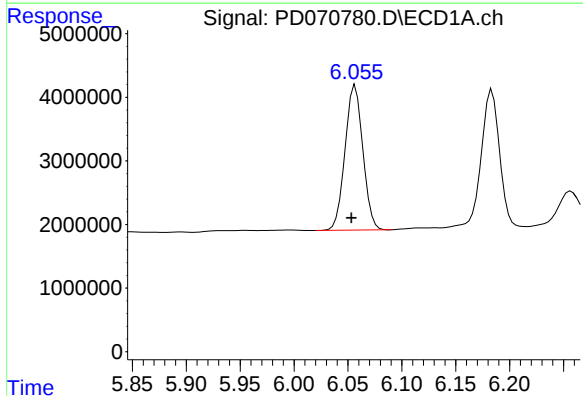
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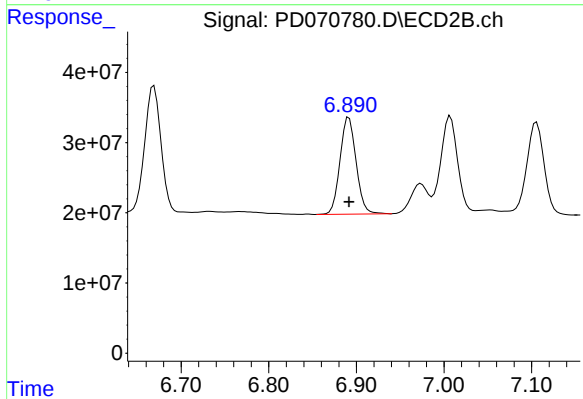
#13 Dieldrin

R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 230140149
Conc: 11.35 ng/ml



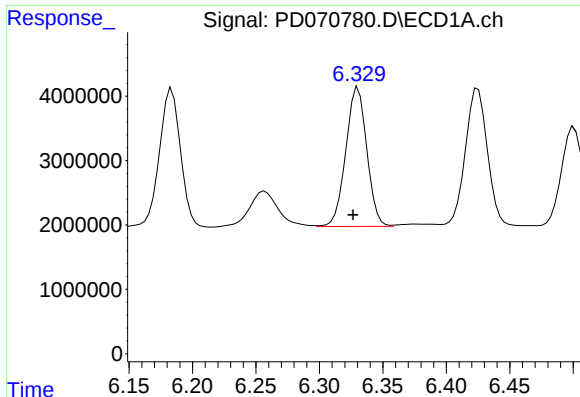
#14 Endrin

R.T.: 6.057 min
Delta R.T.: 0.003 min
Response: 26245054
Conc: 9.76 ng/ml



#14 Endrin

R.T.: 6.892 min
Delta R.T.: 0.000 min
Response: 176429720
Conc: 11.46 ng/ml



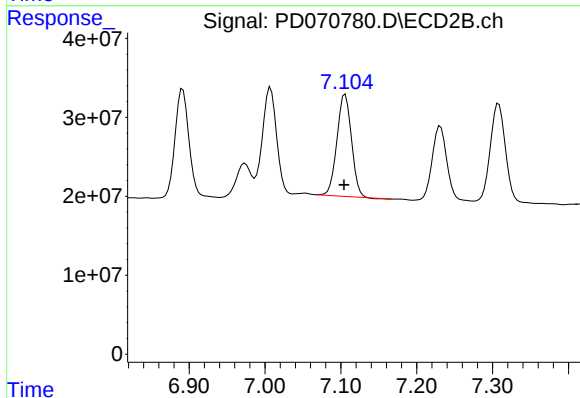
#15 Endosulfan II

R.T.: 6.331 min
Delta R.T.: 0.004 min
Response: 24903215
Conc: 10.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146080BS

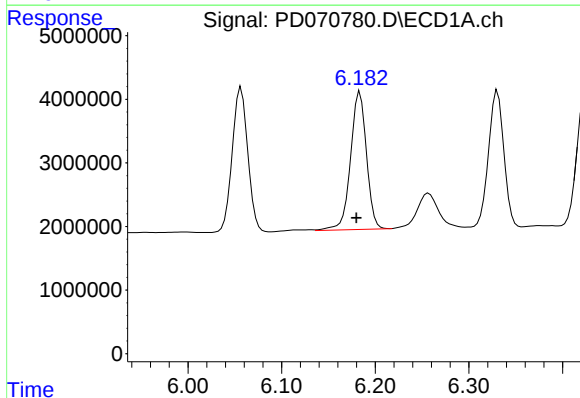
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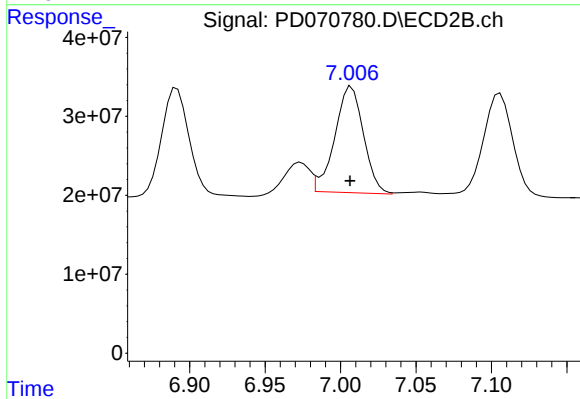
#15 Endosulfan II

R.T.: 7.106 min
Delta R.T.: 0.001 min
Response: 172945522
Conc: 11.78 ng/ml



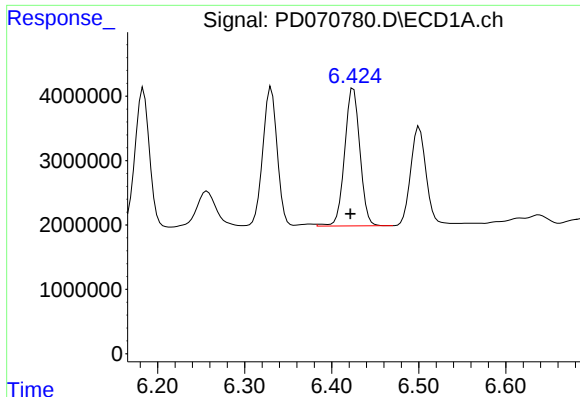
#16 4,4'-DDD

R.T.: 6.184 min
Delta R.T.: 0.004 min
Response: 25635191
Conc: 10.51 ng/ml



#16 4,4'-DDD

R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 177265729
Conc: 12.53 ng/ml m



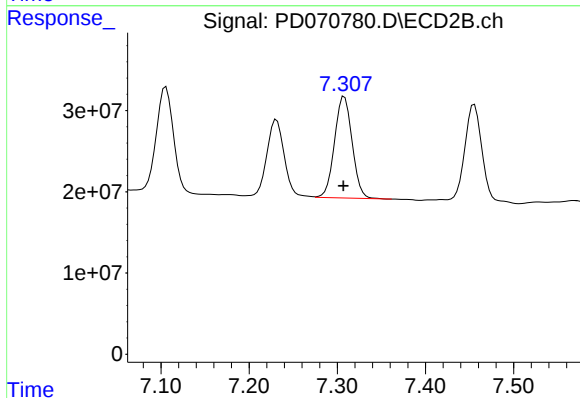
#17 4,4'-DDT

R.T.: 6.425 min
Delta R.T.: 0.003 min
Response: 26101923
Conc: 10.45 ng/ml

Instrument :
ECD_D
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PB146080BS

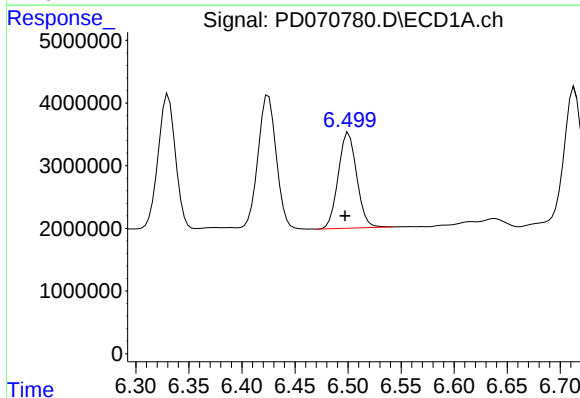
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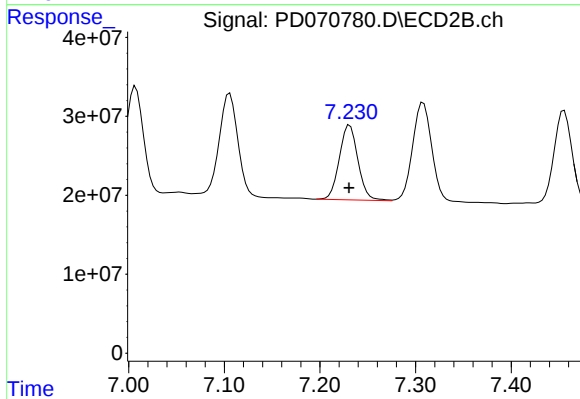
#17 4,4'-DDT

R.T.: 7.308 min
Delta R.T.: 0.001 min
Response: 172677694
Conc: 11.33 ng/ml



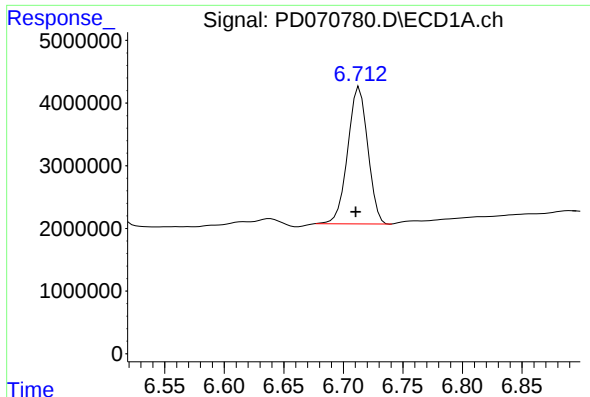
#18 Endrin aldehyde

R.T.: 6.501 min
Delta R.T.: 0.003 min
Response: 18445467
Conc: 9.92 ng/ml



#18 Endrin aldehyde

R.T.: 7.231 min
Delta R.T.: 0.000 min
Response: 128399295
Conc: 11.21 ng/ml



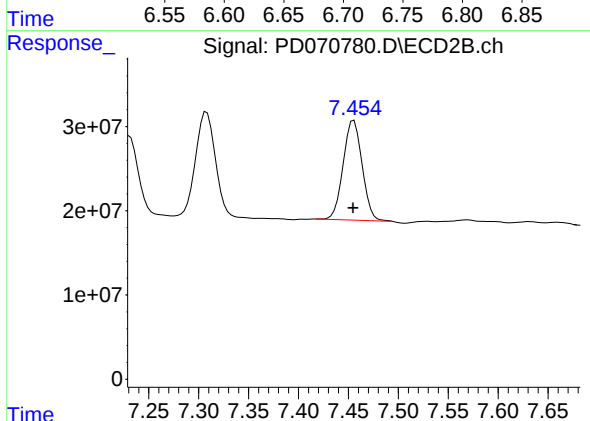
#19 Endosulfan Sulfate

R.T.: 6.713 min
Delta R.T.: 0.003 min
Response: 25631167
Conc: 10.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146080BS

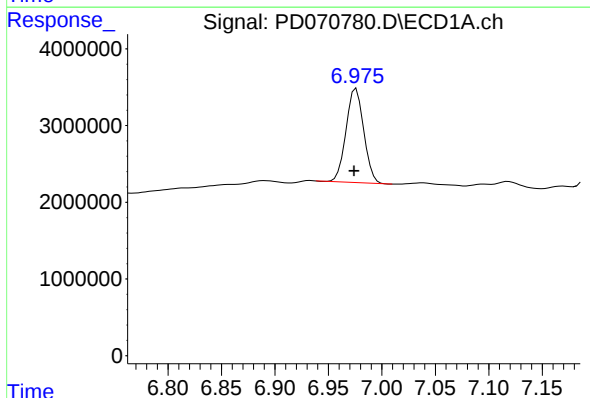
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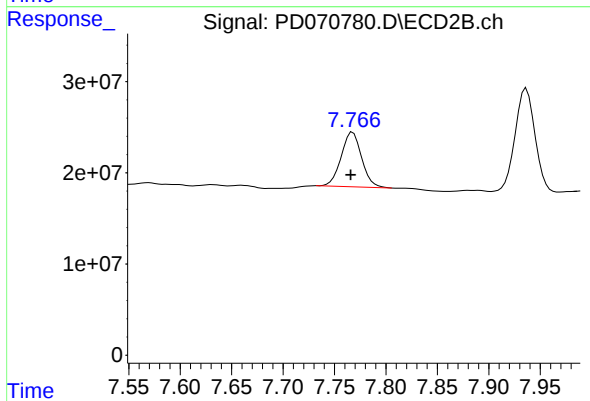
#19 Endosulfan Sulfate

R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 156229150
Conc: 11.38 ng/ml



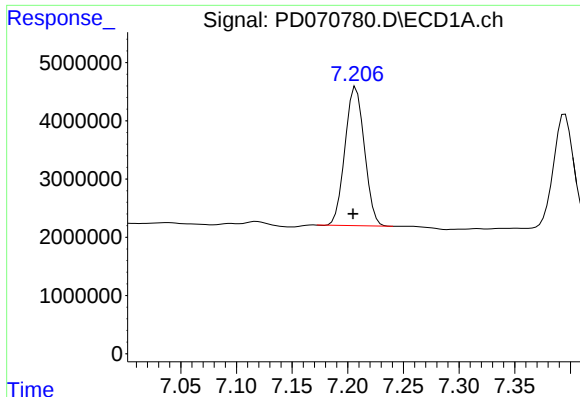
#20 Methoxychlor

R.T.: 6.976 min
Delta R.T.: 0.002 min
Response: 14052004
Conc: 9.83 ng/ml



#20 Methoxychlor

R.T.: 7.768 min
Delta R.T.: 0.002 min
Response: 82753475
Conc: 12.07 ng/ml



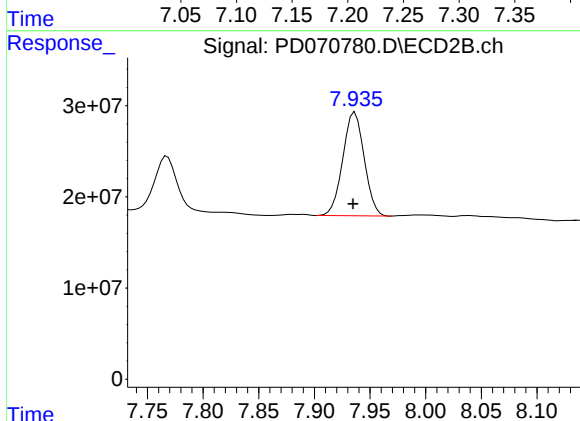
#21 Endrin ketone

R.T.: 7.207 min
Delta R.T.: 0.003 min
Response: 28941317
Conc: 10.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146080BS

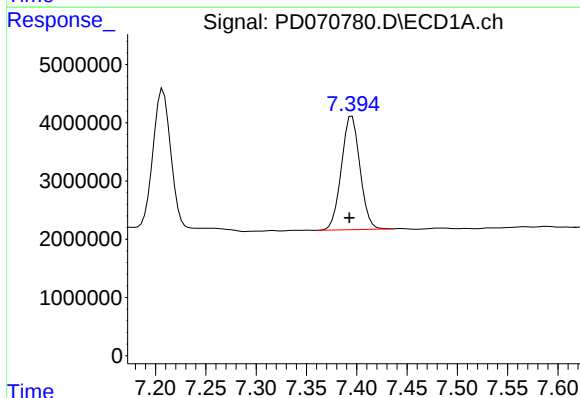
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2022
Supervised By :Ankita Jodhani 07/11/2022



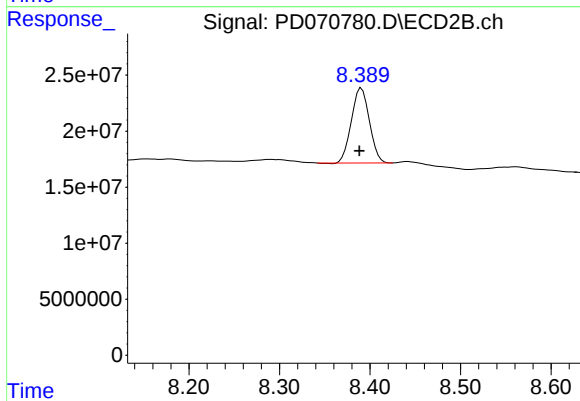
#21 Endrin ketone

R.T.: 7.937 min
Delta R.T.: 0.002 min
Response: 152036559
Conc: 11.85 ng/ml



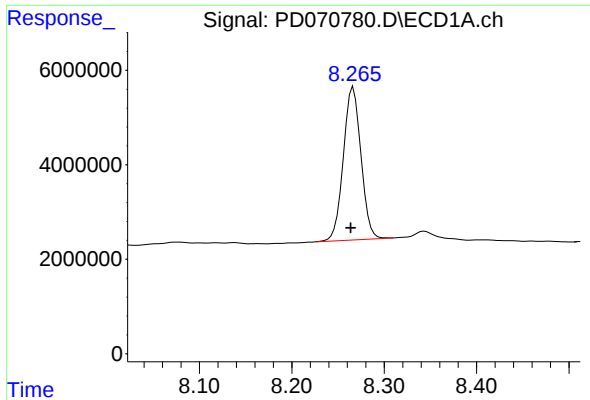
#22 Mirex

R.T.: 7.395 min
Delta R.T.: 0.003 min
Response: 24977549
Conc: 11.41 ng/ml



#22 Mirex

R.T.: 8.391 min
Delta R.T.: 0.002 min
Response: 92661058
Conc: 11.60 ng/ml



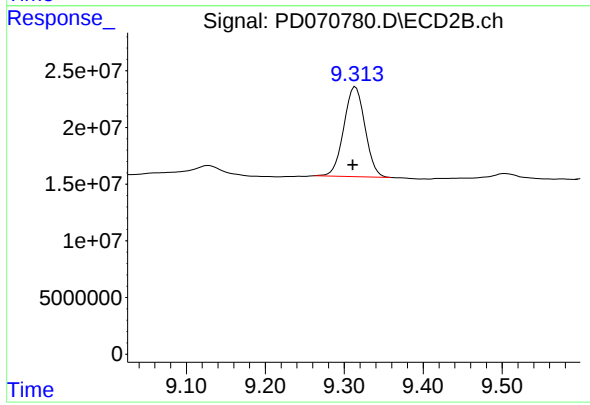
#28 Decachlorobiphenyl

R.T.: 8.266 min
Delta R.T.: 0.003 min
Response: 42991821
Conc: 17.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146080BS

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#28 Decachlorobiphenyl

R.T.: 9.314 min
Delta R.T.: 0.004 min
Response: 147642525
Conc: 17.95 ng/ml