

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070622\
 Data File : PD070736.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jul 2022 12:45
 Operator : AR\AJ
 Sample : PB146034BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB146034BS

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 00:10:05 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...	3.492	4.124	40509933	483.7E6	16.594	18.703
28)	SA Decachlor...	8.273	9.317	47513168	166.7E6	19.162	20.257
Target Compounds							
2)	A alpha-BHC	3.936	4.529	170.8E6	1944.1E6	48.644	52.902
3)	MA gamma-BHC...	4.220	4.821	163.6E6	1728.0E6	48.066	53.184m
4)	MA Heptachlor	4.523	5.338	167.5E6	1711.0E6	49.669	55.233
5)	MB Aldrin	4.772	5.650	167.5E6	1535.4E6	50.729	54.460
6)	B beta-BHC	4.471	4.998	67956765	710.4E6	46.568	51.239
7)	B delta-BHC	4.677	5.222	163.1E6	1620.1E6	49.861	56.635
8)	B Heptachlo...	5.218	6.045	150.9E6	1291.0E6	50.077	56.734
9)	A Endosulfan I	5.559	6.410	138.9E6	1119.0E6	49.610	54.642
10)	B gamma-Chl...	5.446	6.281	155.3E6	1260.3E6	50.067	55.264
11)	B alpha-Chl...	5.505	6.355	151.3E6	1198.1E6	49.746	54.388
12)	B 4,4'-DDE	5.671	6.509	148.4E6	1126.2E6	51.038	55.073
13)	MA Dieldrin	5.804	6.671	153.8E6	1115.4E6	51.118	55.034
14)	MA Endrin	6.062	6.894	137.3E6	819.3E6	51.085	53.225
15)	B Endosulfa...	6.336	7.107	125.7E6	802.2E6	52.943	54.646
16)	A 4,4'-DDD	6.189	7.008	126.3E6	842.3E6	51.745	59.518m
17)	MA 4,4'-DDT	6.431	7.310	133.3E6	834.9E6	53.372	54.794
18)	B Endrin al...	6.506	7.233	95829237	618.8E6	51.548	54.041
19)	B Endosulfa...	6.720	7.458	123.6E6	749.4E6	50.883	54.608
20)	A Methoxychlor	6.982	7.769	73207599	372.0E6	51.218	54.239
21)	B Endrin ke...	7.213	7.939	144.0E6	697.1E6	54.126	54.322
22)	Mirex	7.402	8.393	110.2E6	428.1E6	50.327	53.610

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070622\
Data File : PD070736.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jul 2022 12:45
Operator : AR\AJ
Sample : PB146034BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

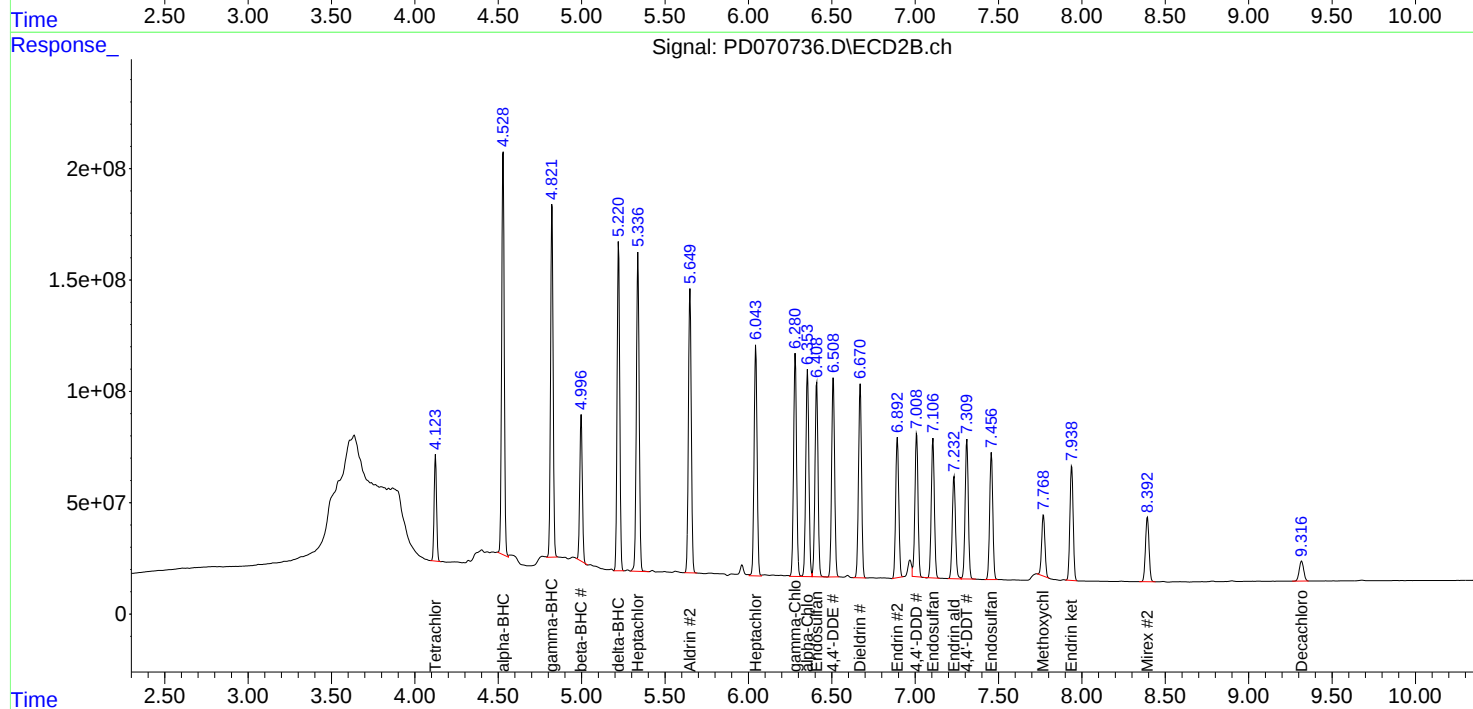
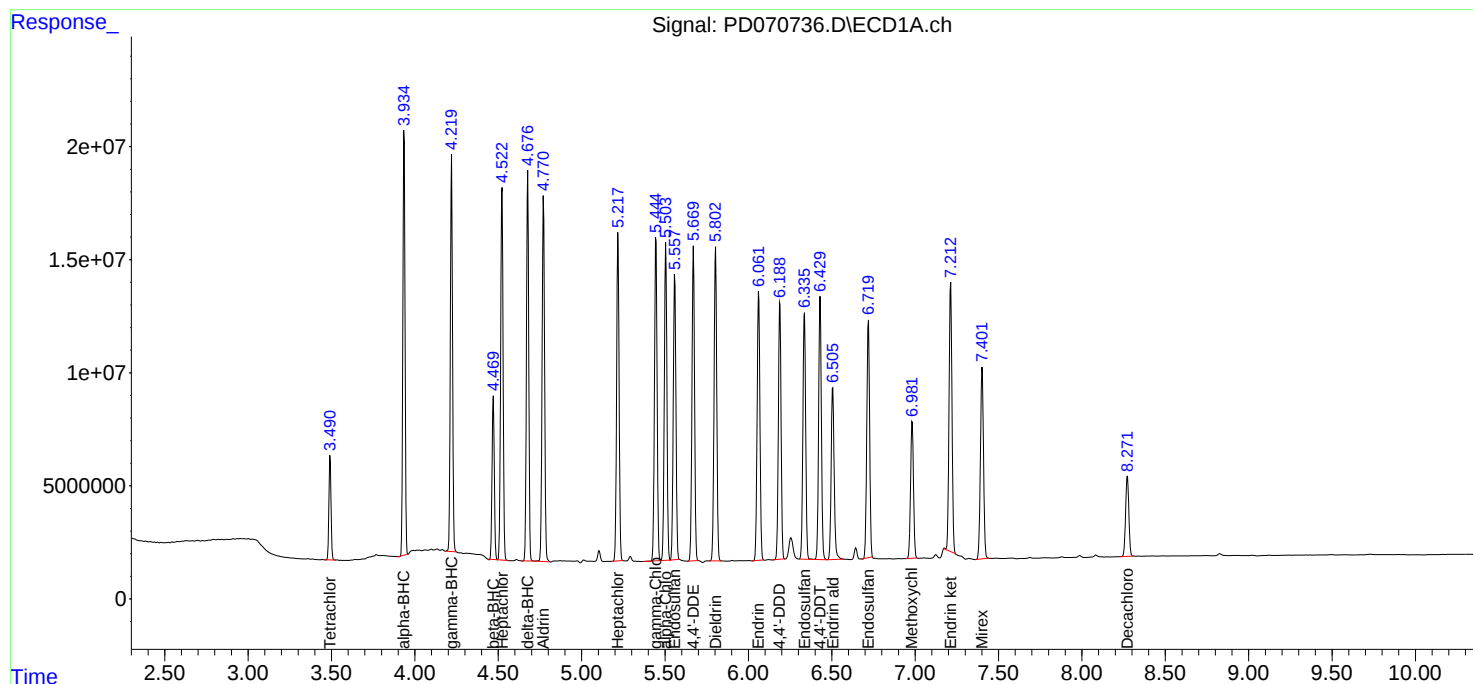
Instrument :
ECD_D
ClientSampleId :
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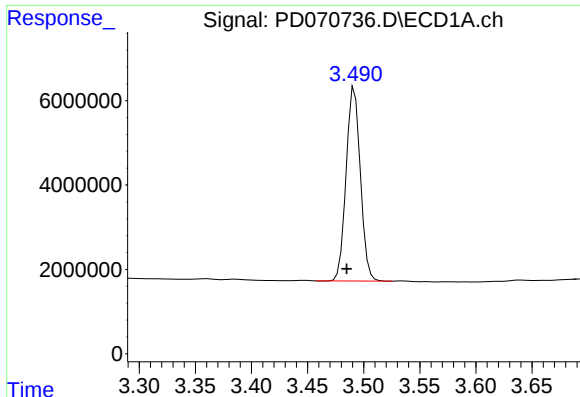
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 00:10:05 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070522.M
Quant Title : GC Extractables
QLast Update : Tue Jul 05 15:26:13 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





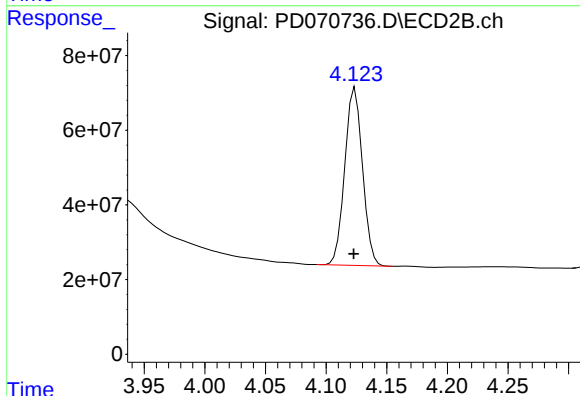
#1 Tetrachloro-m-xylene

R.T.: 3.492 min
Delta R.T.: 0.007 min
Response: 40509933
Conc: 16.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146034BS

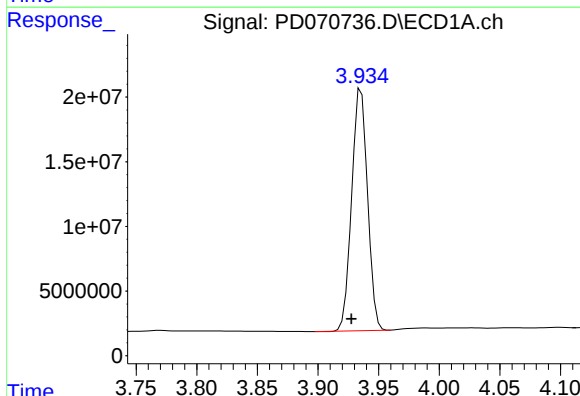
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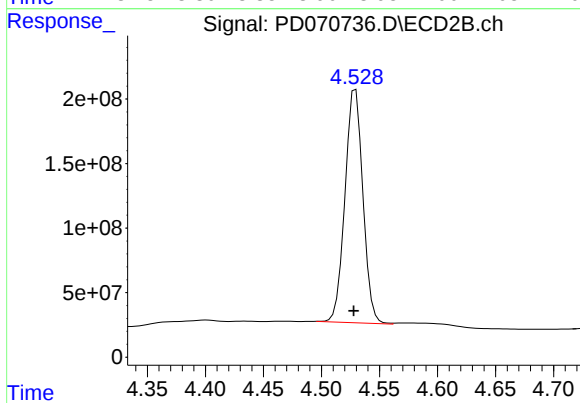
#1 Tetrachloro-m-xylene

R.T.: 4.124 min
Delta R.T.: 0.001 min
Response: 483686894
Conc: 18.70 ng/ml



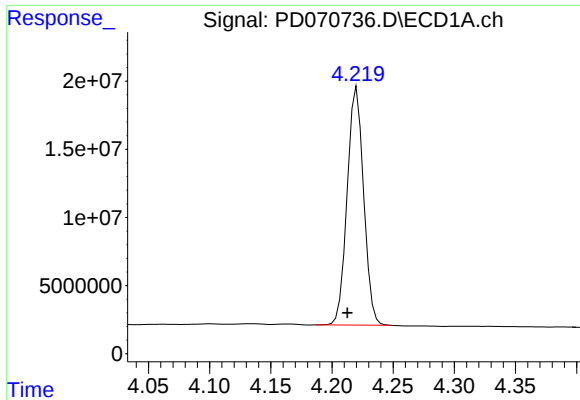
#2 alpha-BHC

R.T.: 3.936 min
Delta R.T.: 0.008 min
Response: 170812982
Conc: 48.64 ng/ml



#2 alpha-BHC

R.T.: 4.529 min
Delta R.T.: 0.002 min
Response: 1944093149
Conc: 52.90 ng/ml



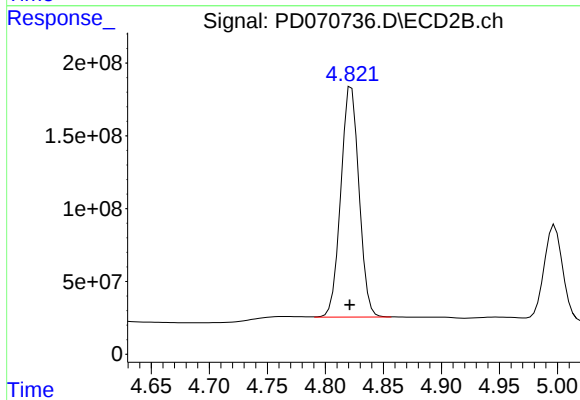
#3 gamma-BHC (Lindane)

R.T.: 4.220 min
Delta R.T.: 0.008 min
Response: 163557640
Conc: 48.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146034BS

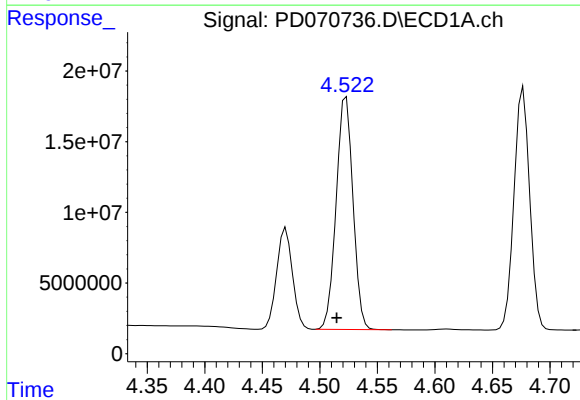
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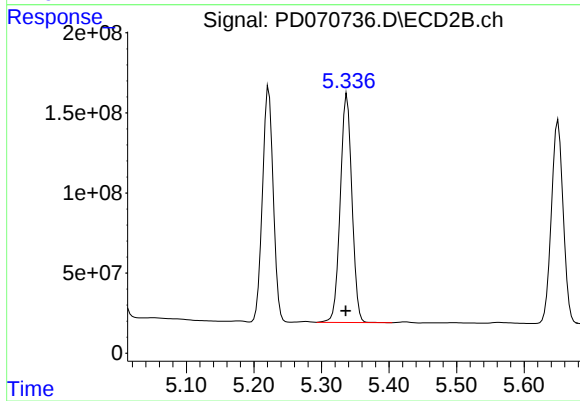
#3 gamma-BHC (Lindane)

R.T.: 4.821 min
Delta R.T.: 0.000 min
Response: 1727956329
Conc: 53.18 ng/ml m



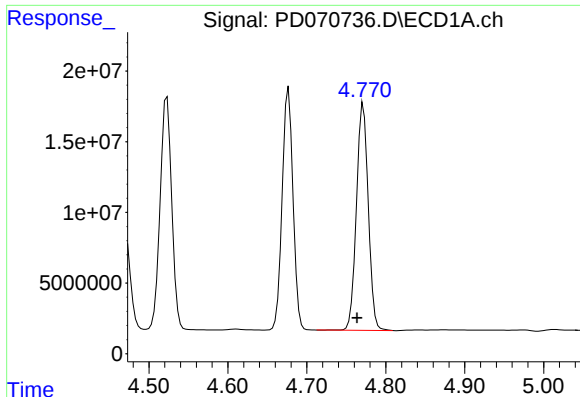
#4 Heptachlor

R.T.: 4.523 min
Delta R.T.: 0.008 min
Response: 167512010
Conc: 49.67 ng/ml



#4 Heptachlor

R.T.: 5.338 min
Delta R.T.: 0.002 min
Response: 1711040152
Conc: 55.23 ng/ml



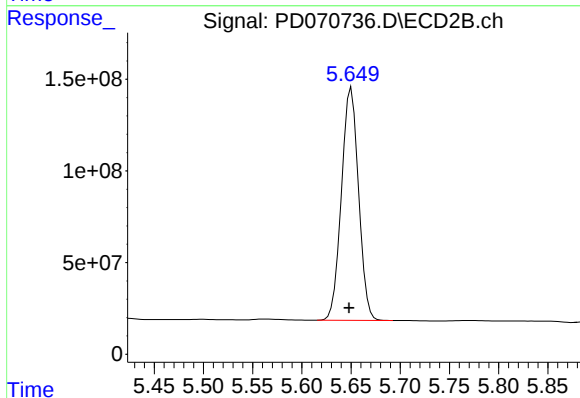
#5 Aldrin

R.T.: 4.772 min
Delta R.T.: 0.008 min
Response: 167457099
Conc: 50.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
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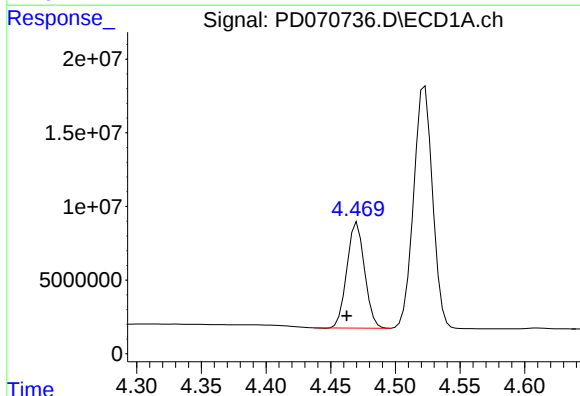
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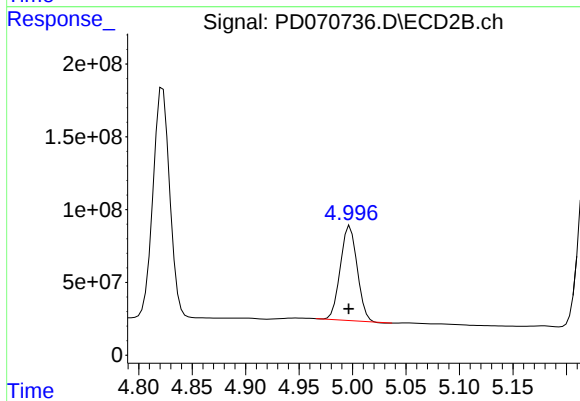
#5 Aldrin

R.T.: 5.650 min
Delta R.T.: 0.002 min
Response: 1535405671
Conc: 54.46 ng/ml



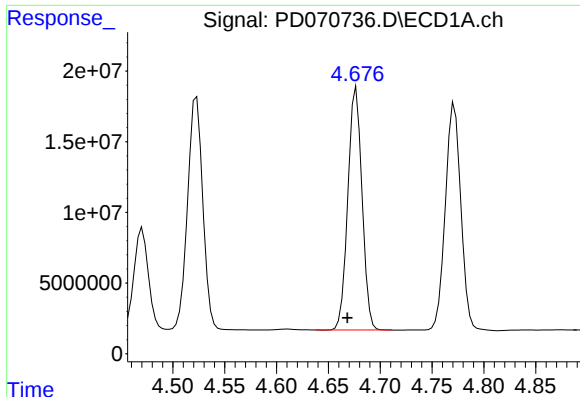
#6 beta-BHC

R.T.: 4.471 min
Delta R.T.: 0.008 min
Response: 67956765
Conc: 46.57 ng/ml



#6 beta-BHC

R.T.: 4.998 min
Delta R.T.: 0.001 min
Response: 710384307
Conc: 51.24 ng/ml



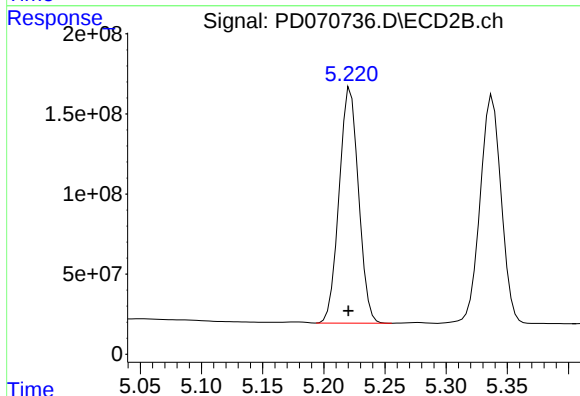
#7 delta-BHC

R.T.: 4.677 min
Delta R.T.: 0.008 min
Response: 163123077
Conc: 49.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146034BS

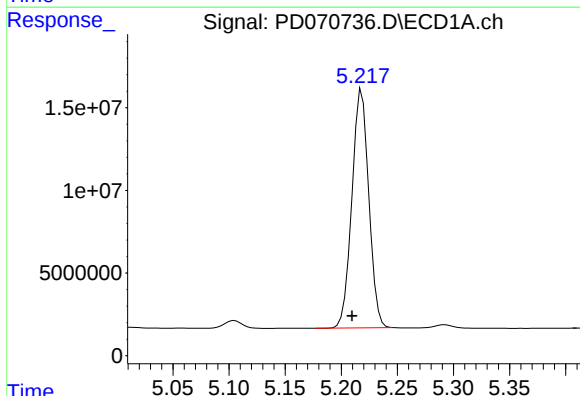
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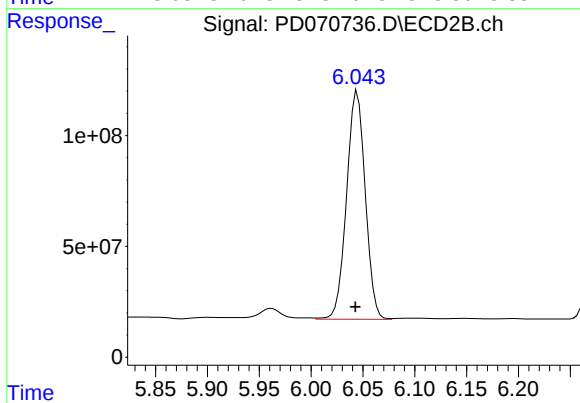
#7 delta-BHC

R.T.: 5.222 min
Delta R.T.: 0.002 min
Response: 1620057595
Conc: 56.64 ng/ml



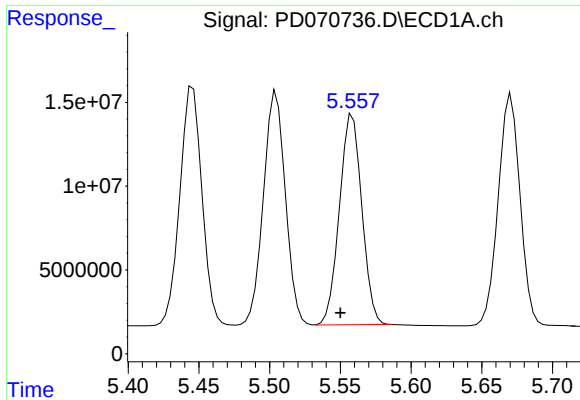
#8 Heptachlor epoxide

R.T.: 5.218 min
Delta R.T.: 0.009 min
Response: 150882956
Conc: 50.08 ng/ml



#8 Heptachlor epoxide

R.T.: 6.045 min
Delta R.T.: 0.002 min
Response: 1291031724
Conc: 56.73 ng/ml



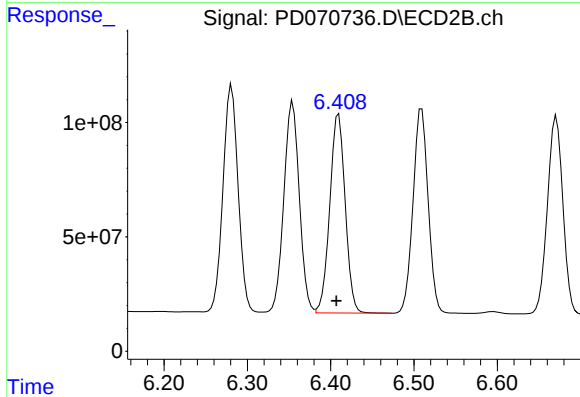
#9 Endosulfan I

R.T.: 5.559 min
Delta R.T.: 0.009 min
Response: 138898807
Conc: 49.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146034BS

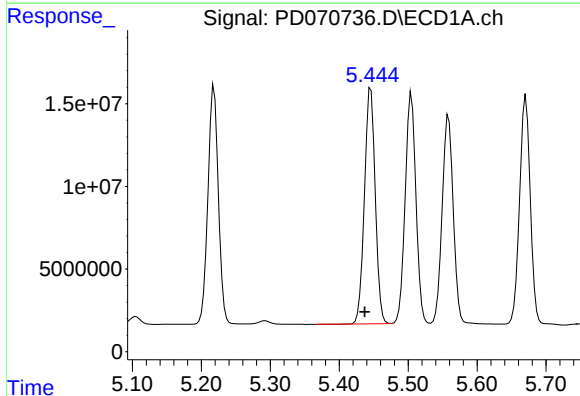
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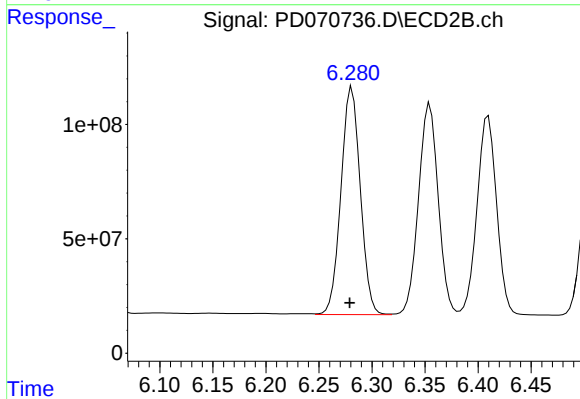
#9 Endosulfan I

R.T.: 6.410 min
Delta R.T.: 0.003 min
Response: 1118975711
Conc: 54.64 ng/ml



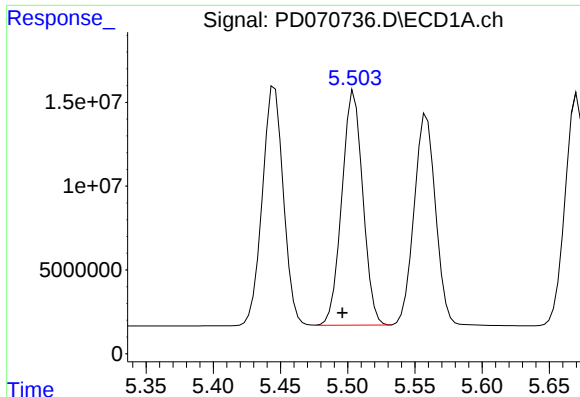
#10 gamma-Chlordane

R.T.: 5.446 min
Delta R.T.: 0.009 min
Response: 155295268
Conc: 50.07 ng/ml



#10 gamma-Chlordane

R.T.: 6.281 min
Delta R.T.: 0.002 min
Response: 1260279024
Conc: 55.26 ng/ml



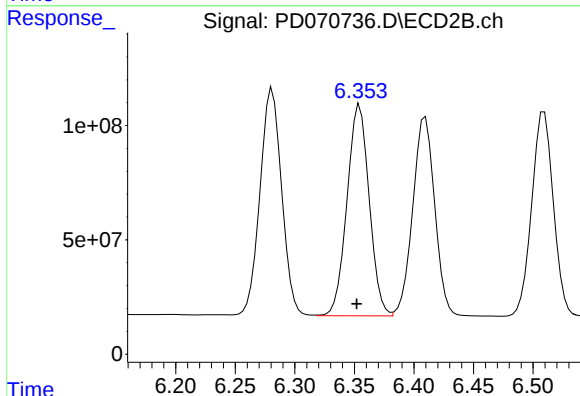
#11 alpha-Chlordane

R.T.: 5.505 min
Delta R.T.: 0.009 min
Response: 151301773
Conc: 49.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146034BS

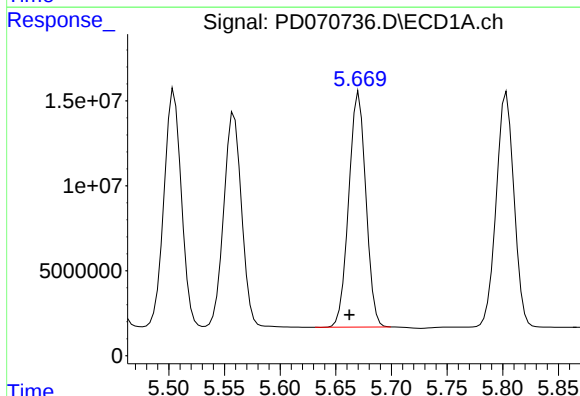
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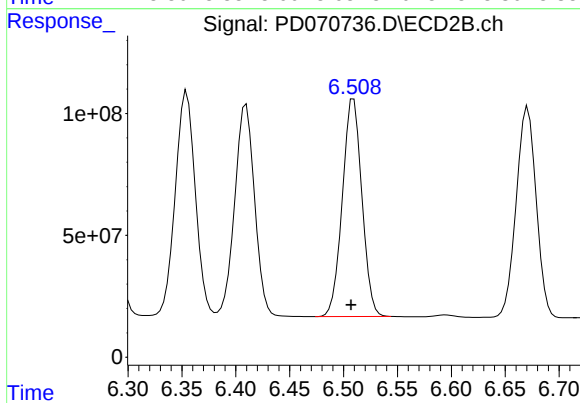
#11 alpha-Chlordane

R.T.: 6.355 min
Delta R.T.: 0.003 min
Response: 1198070430
Conc: 54.39 ng/ml



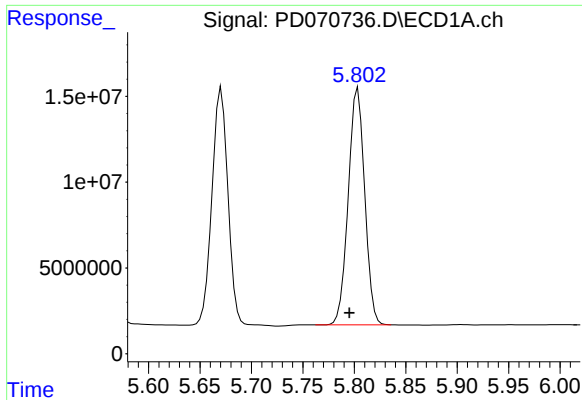
#12 4,4'-DDE

R.T.: 5.671 min
Delta R.T.: 0.008 min
Response: 148384345
Conc: 51.04 ng/ml



#12 4,4'-DDE

R.T.: 6.509 min
Delta R.T.: 0.002 min
Response: 1126199335
Conc: 55.07 ng/ml



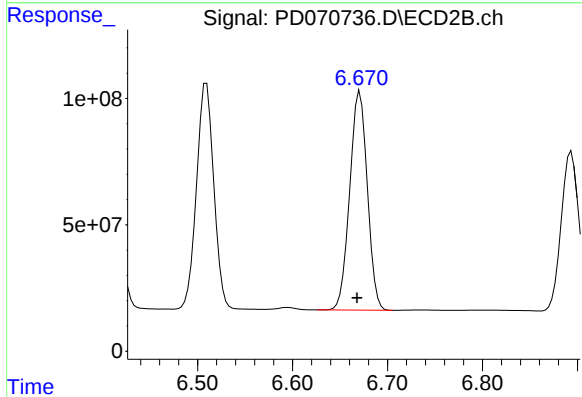
#13 Dieldrin

R.T.: 5.804 min
Delta R.T.: 0.008 min
Response: 153799539
Conc: 51.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146034BS

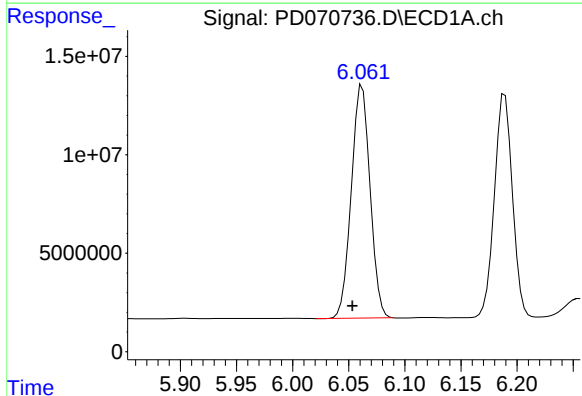
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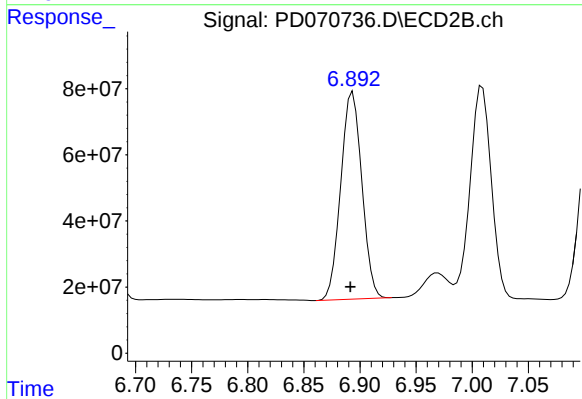
#13 Dieldrin

R.T.: 6.671 min
Delta R.T.: 0.003 min
Response: 1115446619
Conc: 55.03 ng/ml



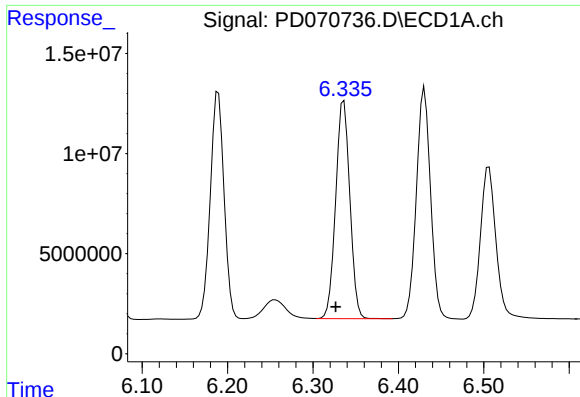
#14 Endrin

R.T.: 6.062 min
Delta R.T.: 0.009 min
Response: 137338156
Conc: 51.09 ng/ml



#14 Endrin

R.T.: 6.894 min
Delta R.T.: 0.002 min
Response: 819323099
Conc: 53.23 ng/ml



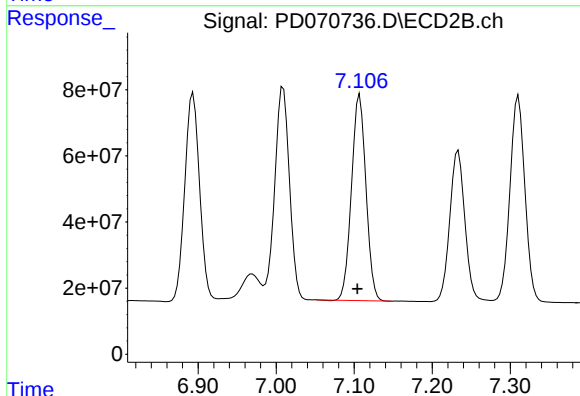
#15 Endosulfan II

R.T.: 6.336 min
Delta R.T.: 0.010 min
Response: 125696862
Conc: 52.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146034BS

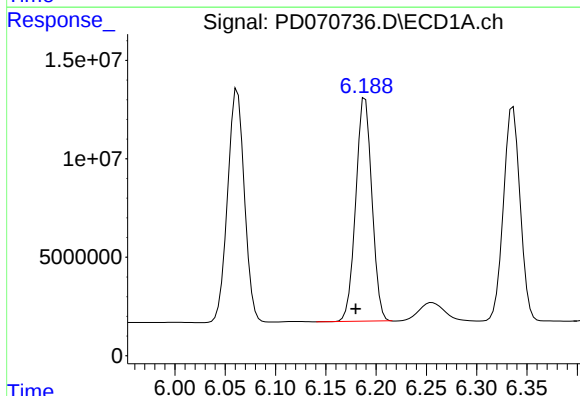
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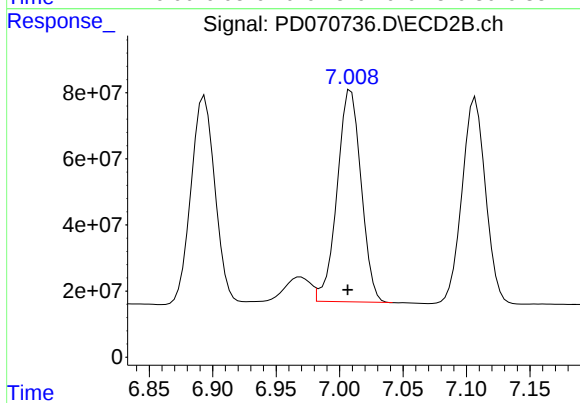
#15 Endosulfan II

R.T.: 7.107 min
Delta R.T.: 0.003 min
Response: 802246491
Conc: 54.65 ng/ml



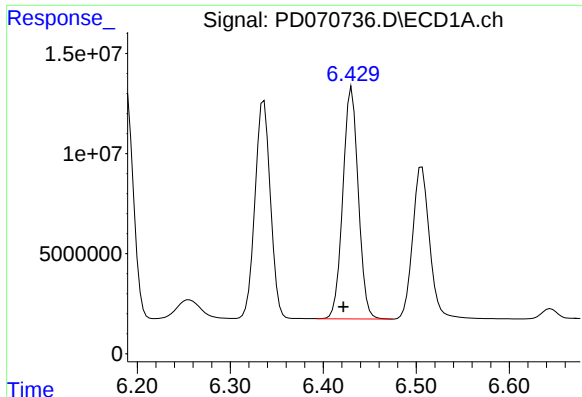
#16 4,4'-DDD

R.T.: 6.189 min
Delta R.T.: 0.009 min
Response: 126269845
Conc: 51.75 ng/ml



#16 4,4'-DDD

R.T.: 7.008 min
Delta R.T.: 0.001 min
Response: 842320108
Conc: 59.52 ng/ml m



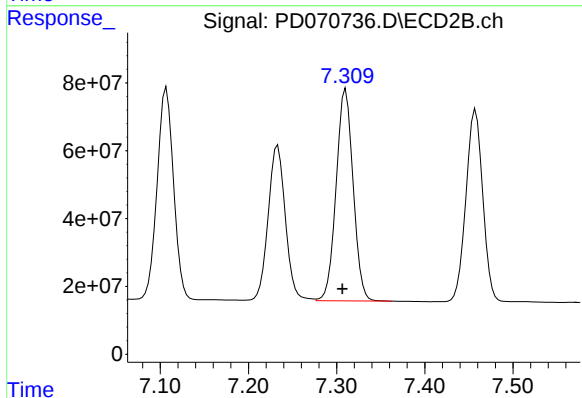
#17 4,4'-DDT

R.T.: 6.431 min
Delta R.T.: 0.009 min
Response: 133256539
Conc: 53.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146034BS

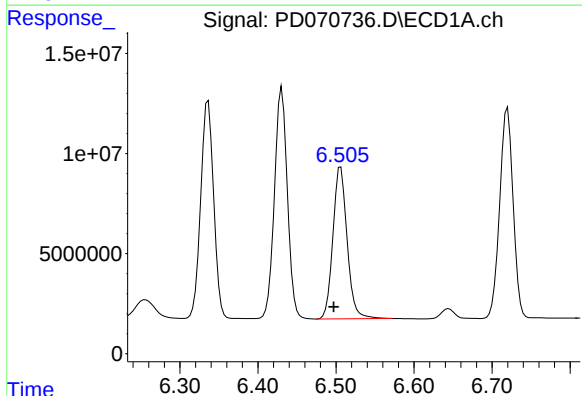
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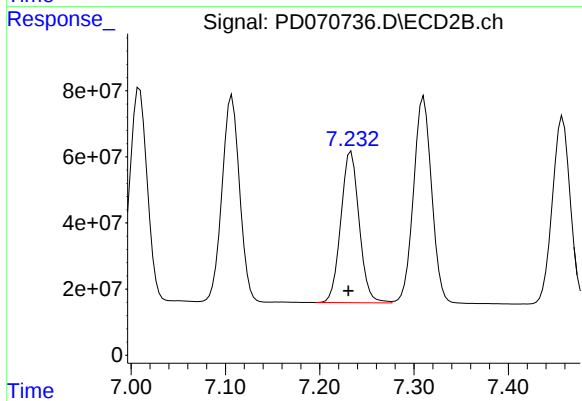
#17 4,4'-DDT

R.T.: 7.310 min
Delta R.T.: 0.004 min
Response: 834885769
Conc: 54.79 ng/ml



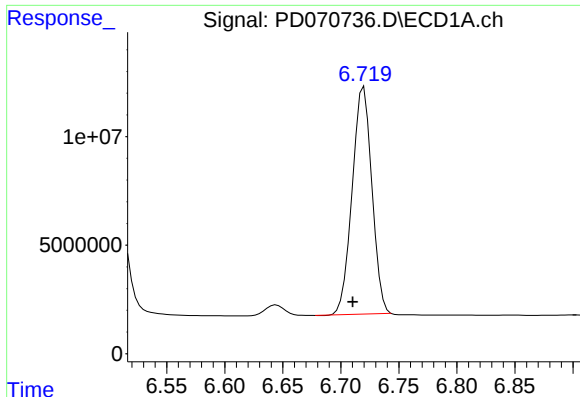
#18 Endrin aldehyde

R.T.: 6.506 min
Delta R.T.: 0.009 min
Response: 95829237
Conc: 51.55 ng/ml



#18 Endrin aldehyde

R.T.: 7.233 min
Delta R.T.: 0.003 min
Response: 618794412
Conc: 54.04 ng/ml



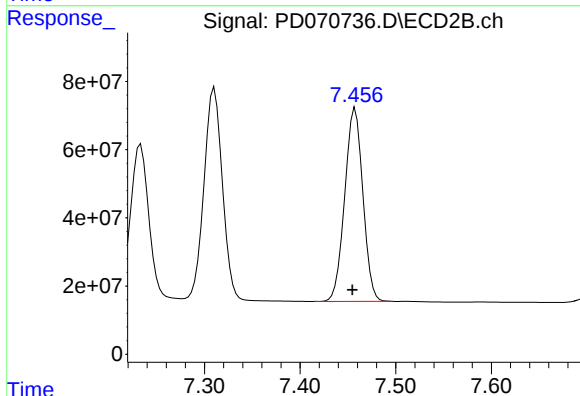
#19 Endosulfan Sulfate

R.T.: 6.720 min
Delta R.T.: 0.010 min
Response: 123589529
Conc: 50.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146034BS

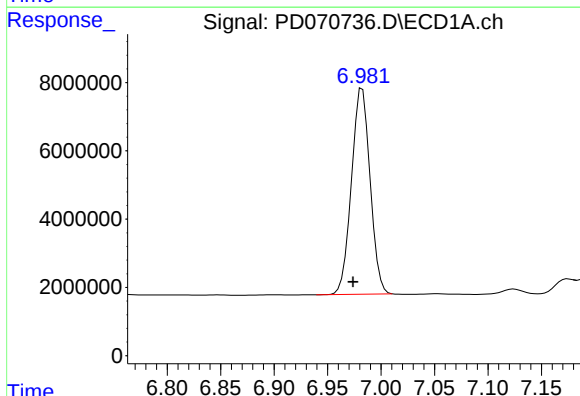
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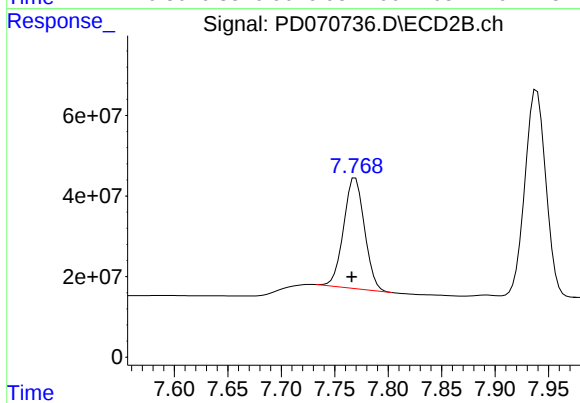
#19 Endosulfan Sulfate

R.T.: 7.458 min
Delta R.T.: 0.003 min
Response: 749391353
Conc: 54.61 ng/ml



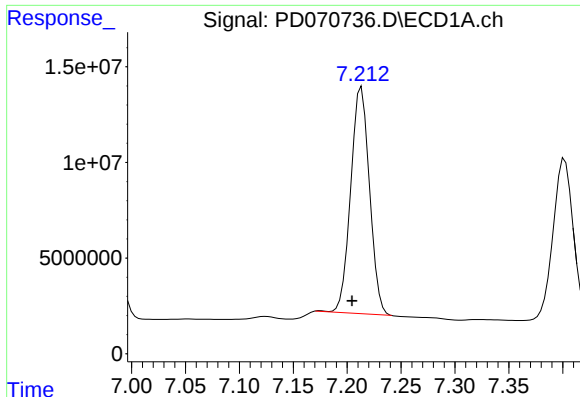
#20 Methoxychlor

R.T.: 6.982 min
Delta R.T.: 0.008 min
Response: 73207599
Conc: 51.22 ng/ml



#20 Methoxychlor

R.T.: 7.769 min
Delta R.T.: 0.003 min
Response: 371974400
Conc: 54.24 ng/ml



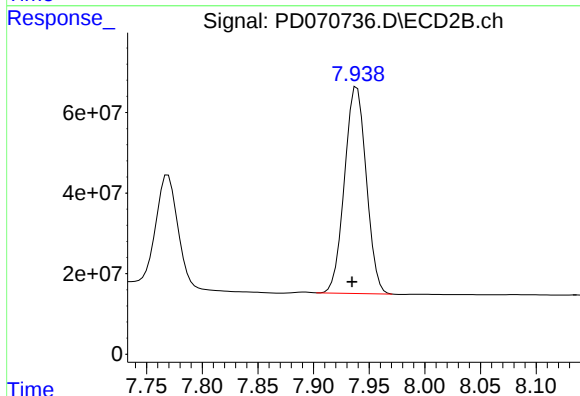
#21 Endrin ketone

R.T.: 7.213 min
Delta R.T.: 0.009 min
Response: 143985982
Conc: 54.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146034BS

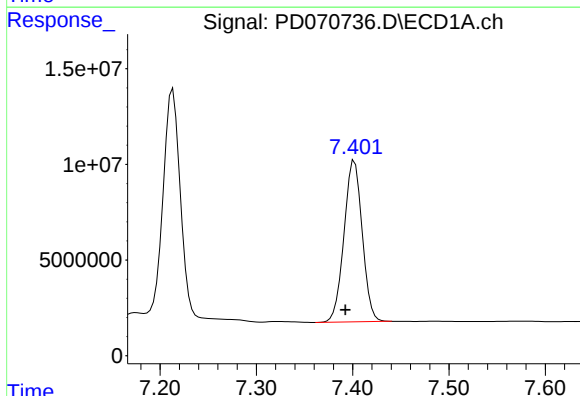
Manual Integrations
APPROVED

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



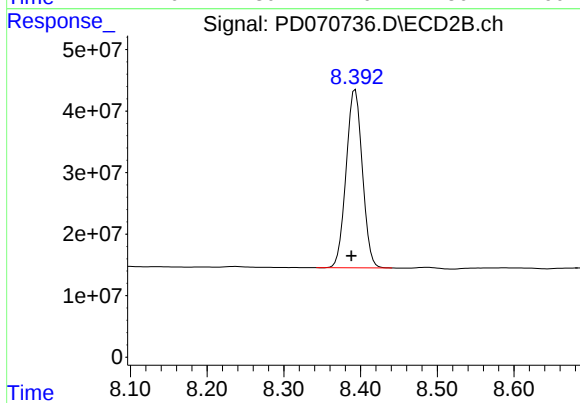
#21 Endrin ketone

R.T.: 7.939 min
Delta R.T.: 0.004 min
Response: 697089063
Conc: 54.32 ng/ml



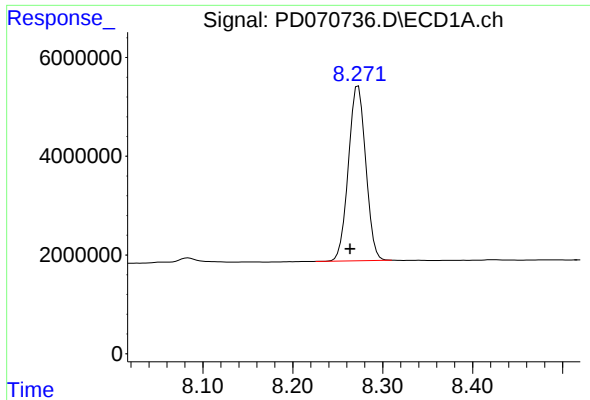
#22 Mirex

R.T.: 7.402 min
Delta R.T.: 0.009 min
Response: 110156563
Conc: 50.33 ng/ml



#22 Mirex

R.T.: 8.393 min
Delta R.T.: 0.005 min
Response: 428126714
Conc: 53.61 ng/ml



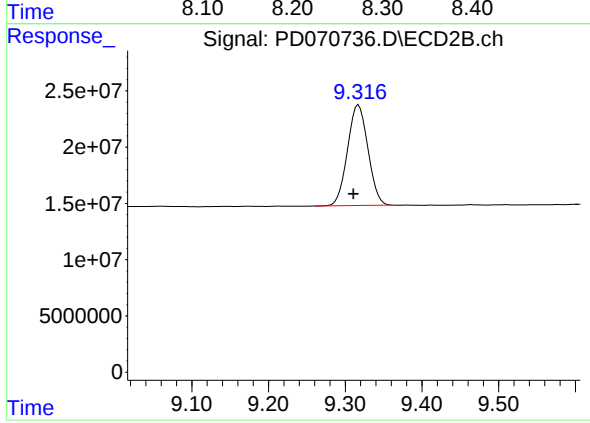
#28 Decachlorobiphenyl

R.T.: 8.273 min
Delta R.T.: 0.009 min
Response: 47513168
Conc: 19.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146034BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 9.317 min
Delta R.T.: 0.007 min
Response: 166650189
Conc: 20.26 ng/ml