

Data Path : P:\HPCHEM1\ECD_D\Data\PD052418\
 Data File : PD047910.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 25 May 2018 5:10
 Operator : UA/AJ
 Sample : BSD
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 LOQ-NPW-Precision-Bias-4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 06:05:14 2018
 Quant Method : P:\HPCHEM1\ECD_D\Method\PD052418.M
 Quant Title : GC Extractables
 QLast Update : Thu May 24 12:13:46 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	3.425	4.039	21874954	382.9E6	19.051	21.293
28)	SA Decachlor...	8.145	9.115	26970224	392.0E6	19.093	23.008
Target Compounds							
2)	A alpha-BHC	3.861	4.424	103.9E6	1508.9E6	56.226	52.749
3)	MA gamma-BHC...	4.142	4.709	94563802	1353.7E6	56.255	54.844
4)	MA Heptachlor	4.434	5.227	93456683	1391.5E6	55.678	55.339
5)	MB Aldrin	4.678	5.533	91726907	1311.2E6	56.641	54.806
6)	B beta-BHC	4.390	4.868	39037993	619.5E6	54.373	54.489
7)	B delta-BHC	4.592	5.087	83534725	1223.3E6	48.522	47.106
8)	B Heptachlo...	5.120	5.915	86055570	1206.8E6	56.573	54.322
9)	A Endosulfan I	5.455	6.272	80053380	1113.0E6	56.691	55.000
10)	B gamma-Chl...	5.343	6.149	87235749	1246.7E6	56.894	54.405
11)	B alpha-Chl...	5.402	6.224	84917123	1205.2E6	56.673	54.799
12)	B 4,4'-DDE	5.568	6.375	87519285	1190.9E6	56.506	55.484
13)	MA Dieldrin	5.697	6.527	92104636	1229.8E6	56.809	55.686
14)	MA Endrin	5.954	6.744	82134927	1019.5E6	54.619	54.985
15)	B Endosulfa...	6.226	6.946	81353759	1065.7E6	57.215	55.628
16)	A 4,4'-DDD	6.082	6.859	74801044	989.3E6	57.317	55.927
17)	MA 4,4'-DDT	6.320	7.160	77920307	992.0E6	56.643	58.604
18)	B Endrin al...	6.396	7.069	67345151	927.2E6	56.872	57.037
19)	B Endosulfa...	6.606	7.292	72107160	1022.5E6	52.738	54.074
20)	A Methoxychlor	6.870	7.612	42743790	532.3E6	54.608	58.002
21)	B Endrin ke...	7.097	7.760	94943558	1077.7E6	57.001	57.260
22)	Mirex	0.000	7.292	0	1022.5E6	N.D.	52.896 #
23)	Chlordane-1	4.352	5.087	1427461	1223.3E6	24.713	1201.605 #
24)	Chlordane-2	0.000	5.533	0	1311.2E6	N.D.	1388.663 #
25)	Chlordane-3	5.343	6.149	87235749	1246.7E6	485.569	389.538
26)	Chlordane-4	5.402	6.224	84917123	1205.2E6	533.756	327.443 #
27)	Chlordane-5	6.226	7.069	81353759	927.2E6	1371.108	1111.104

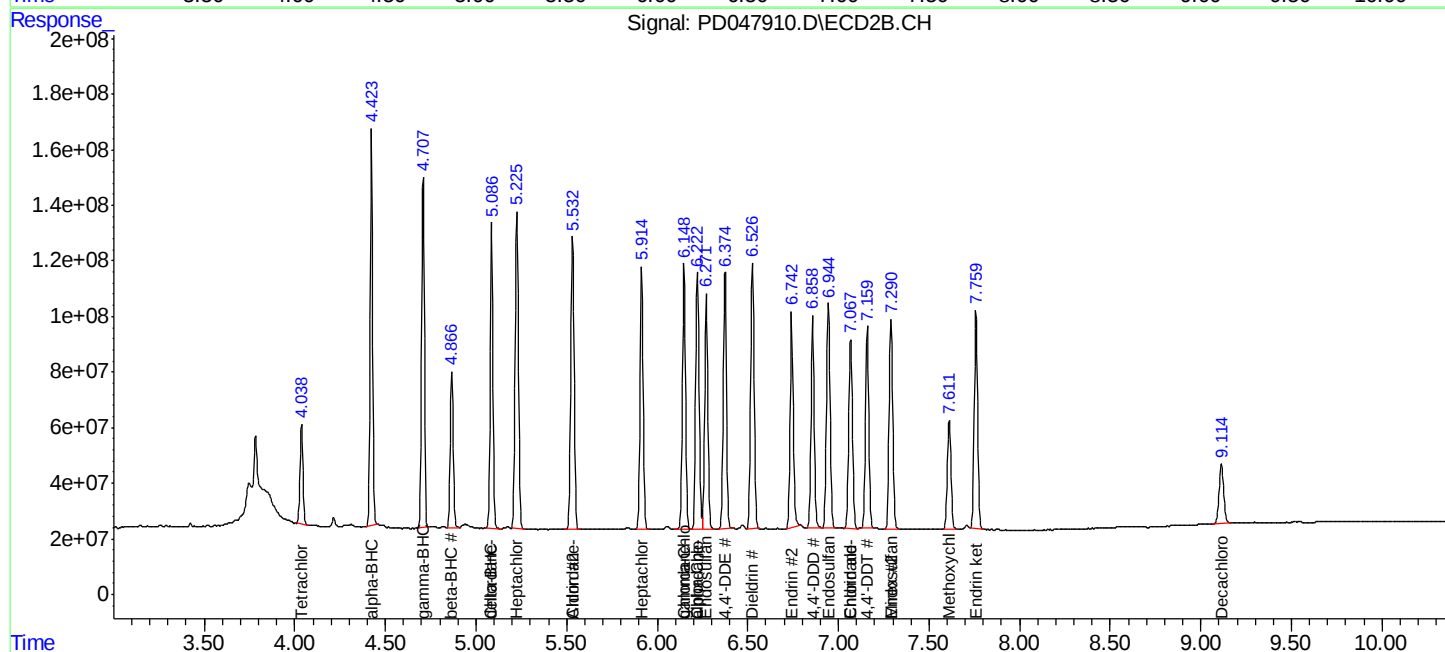
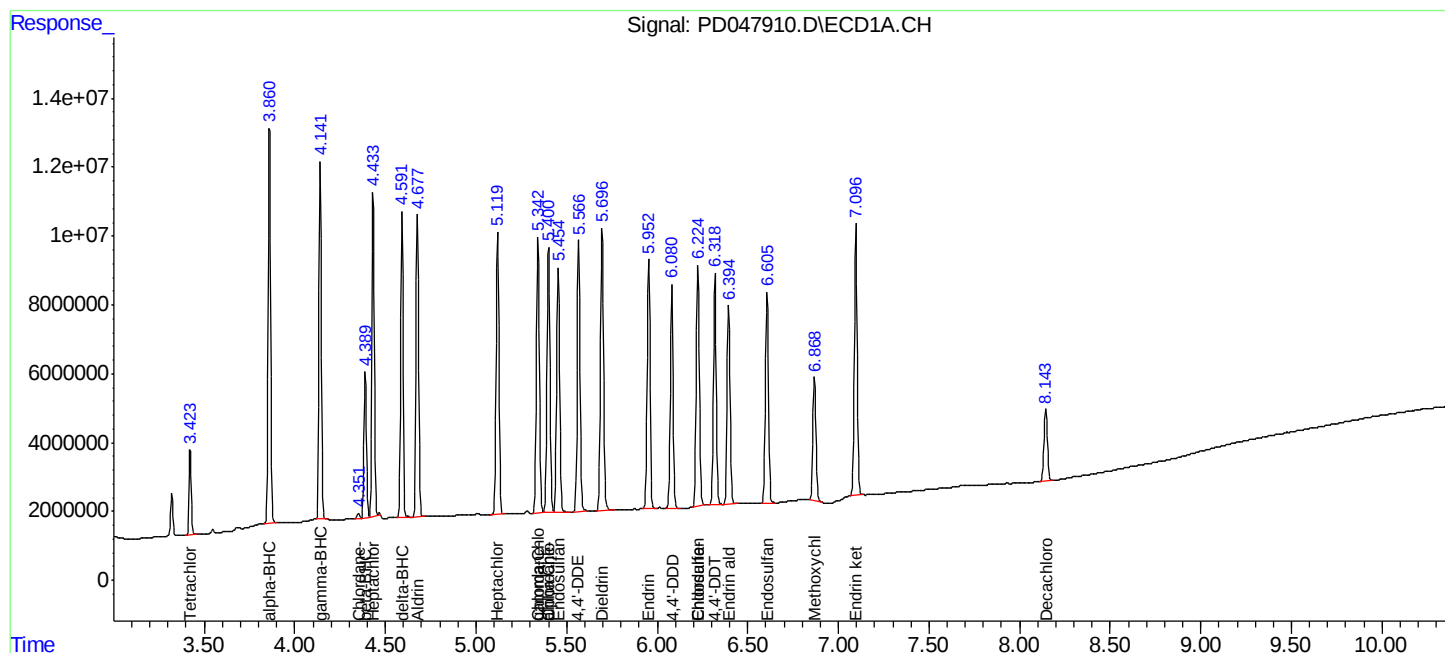
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

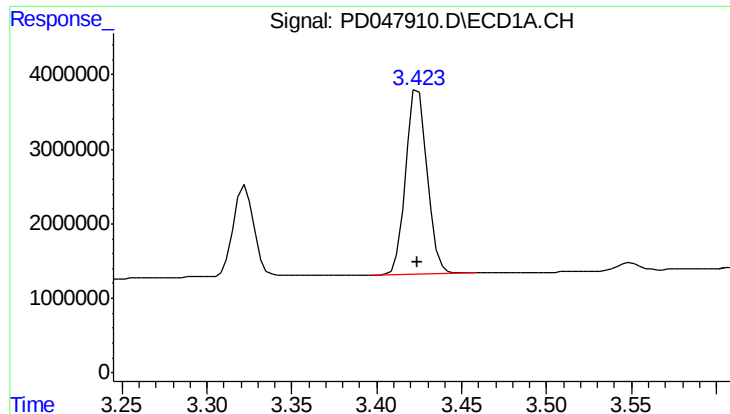
Data Path : P:\HPCHEM1\ECD_D\Data\PD052418\
Data File : PD047910.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 May 2018 5:10
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Misc :
ALS Vial : 46 Sample Multiplier: 1

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LOQ-NPW-Precision-Bias-4

Integration File signal 1: autoint1.e
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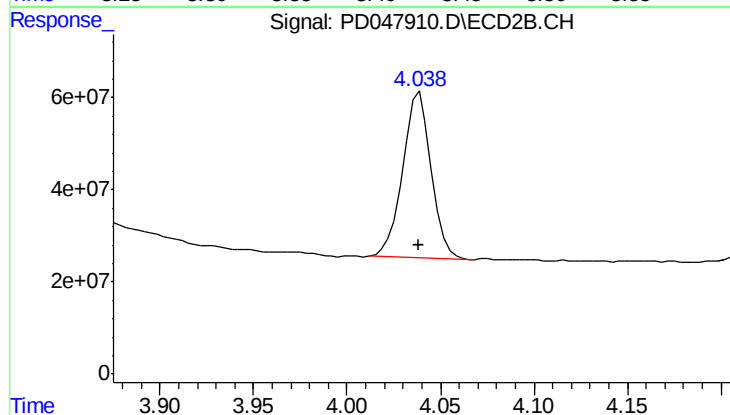




#1 Tetrachloro-m-xylene

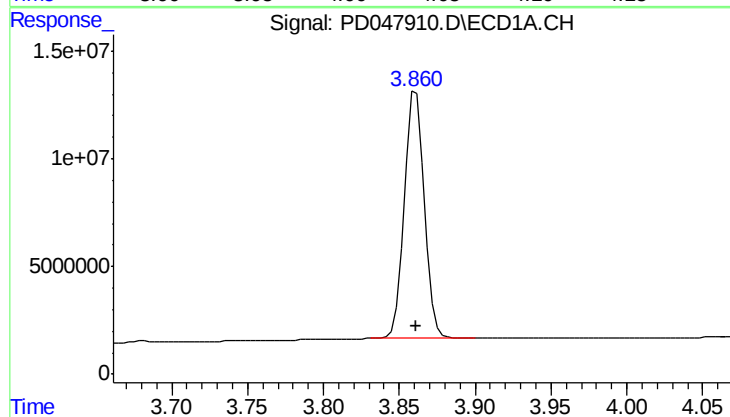
R.T.: 3.425 min
Delta R.T.: 0.000 min
Response: 21874954
Conc: 19.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-NPW-Precision-Bias-4



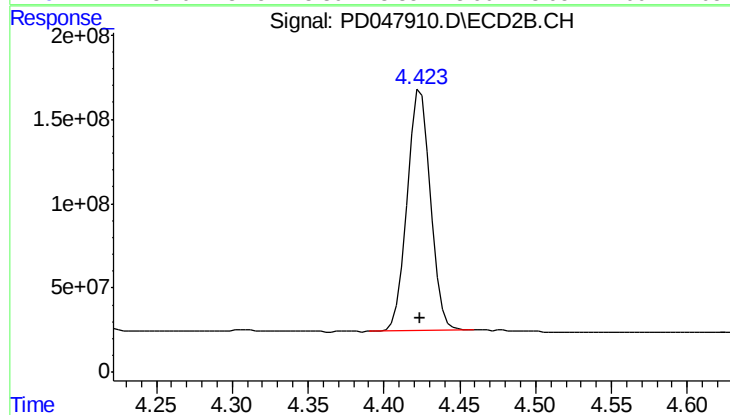
#1 Tetrachloro-m-xylene

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 382879074
Conc: 21.29 ng/ml



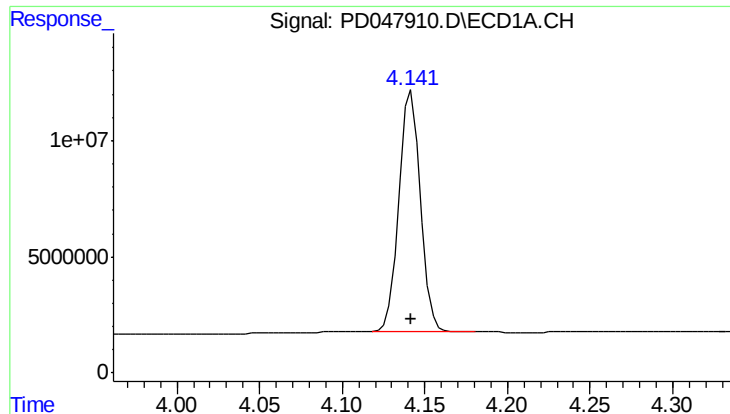
#2 alpha-BHC

R.T.: 3.861 min
Delta R.T.: 0.000 min
Response: 103905596
Conc: 56.23 ng/ml



#2 alpha-BHC

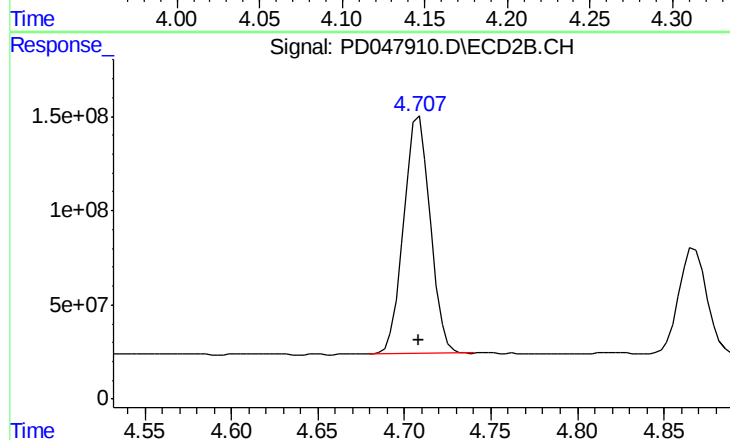
R.T.: 4.424 min
Delta R.T.: 0.000 min
Response: 1508874490
Conc: 52.75 ng/ml



#3 gamma-BHC (Lindane)

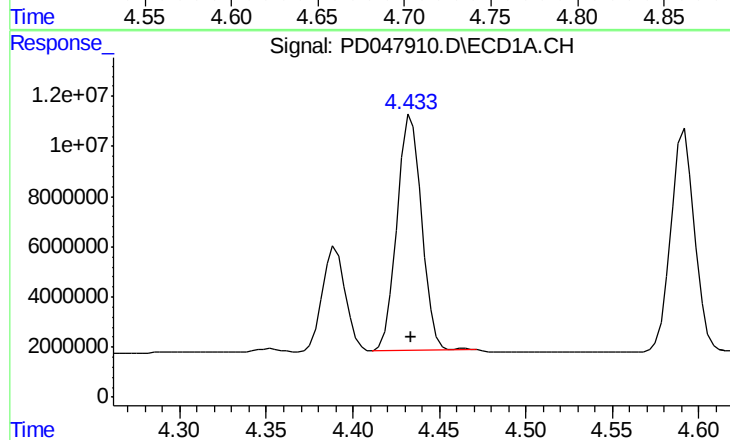
R.T.: 4.142 min
Delta R.T.: 0.000 min
Response: 94563802
Conc: 56.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-NPW-Precision-Bias-4



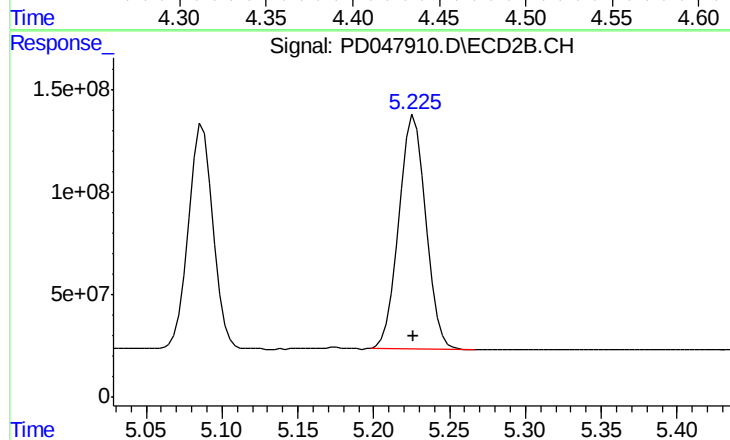
#3 gamma-BHC (Lindane)

R.T.: 4.709 min
Delta R.T.: 0.000 min
Response: 1353653267
Conc: 54.84 ng/ml



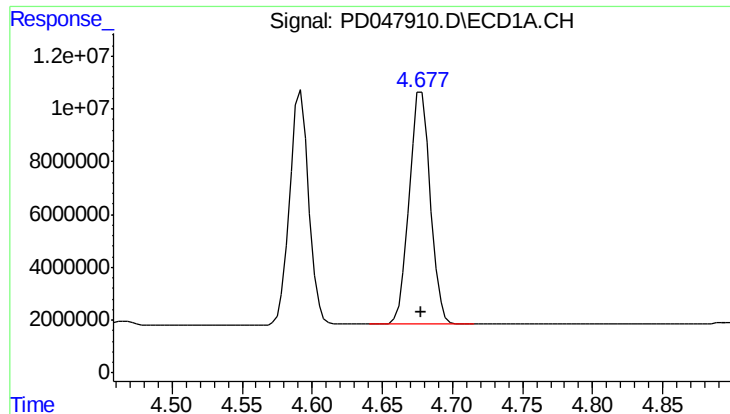
#4 Heptachlor

R.T.: 4.434 min
Delta R.T.: 0.000 min
Response: 93456683
Conc: 55.68 ng/ml



#4 Heptachlor

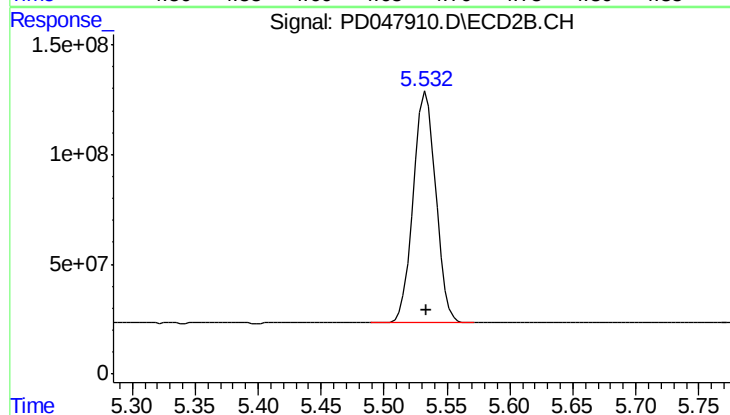
R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 1391513766
Conc: 55.34 ng/ml



#5 Aldrin

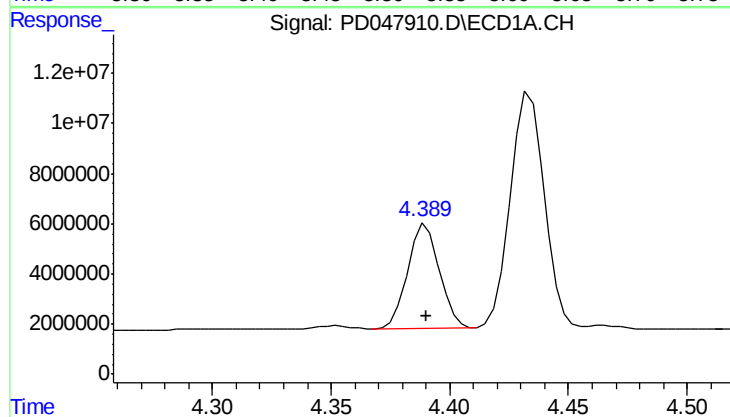
R.T.: 4.678 min
Delta R.T.: 0.000 min
Response: 91726907
Conc: 56.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-NPW-Precision-Bias-4



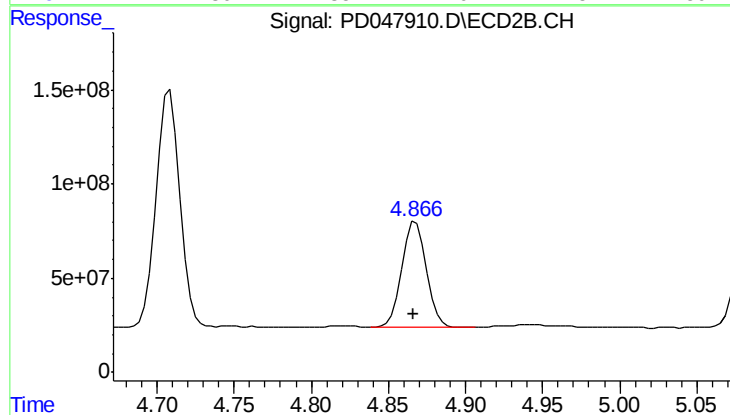
#5 Aldrin

R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 1311218988
Conc: 54.81 ng/ml



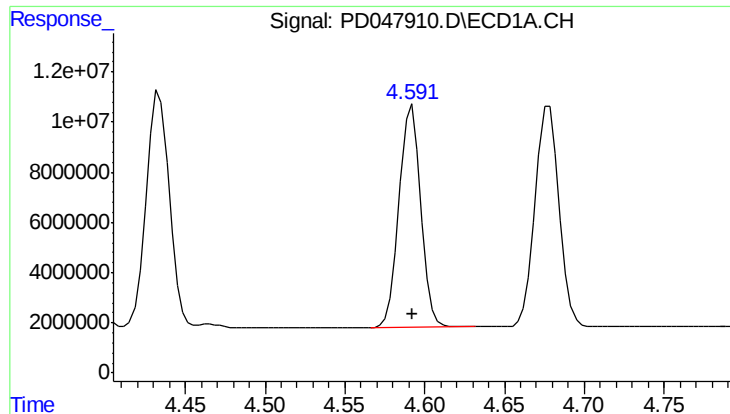
#6 beta-BHC

R.T.: 4.390 min
Delta R.T.: 0.000 min
Response: 39037993
Conc: 54.37 ng/ml



#6 beta-BHC

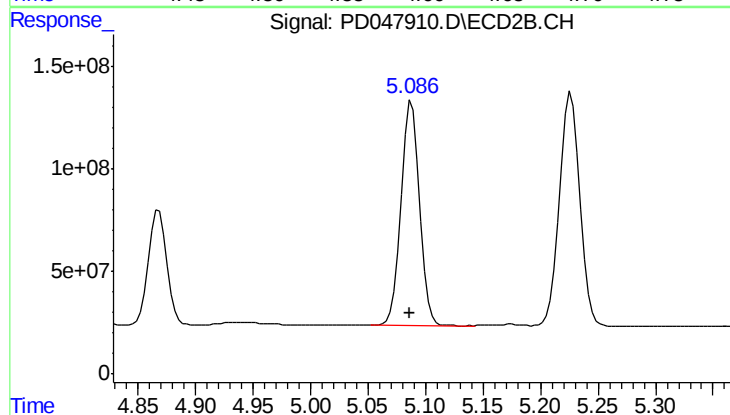
R.T.: 4.868 min
Delta R.T.: 0.001 min
Response: 619489285
Conc: 54.49 ng/ml



#7 delta-BHC

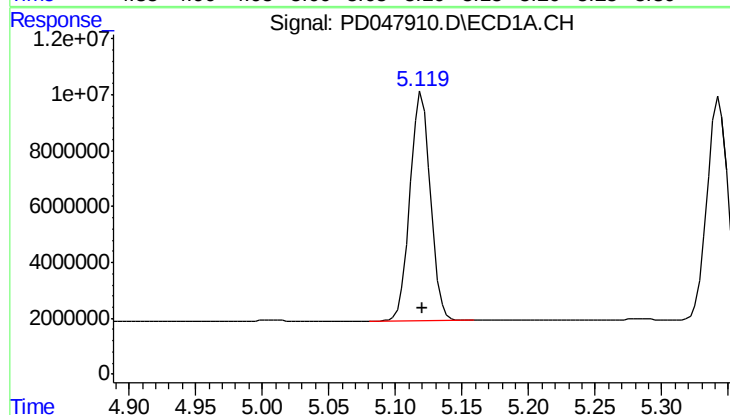
R.T.: 4.592 min
Delta R.T.: 0.000 min
Response: 83534725
Conc: 48.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-NPW-Precision-Bias-4



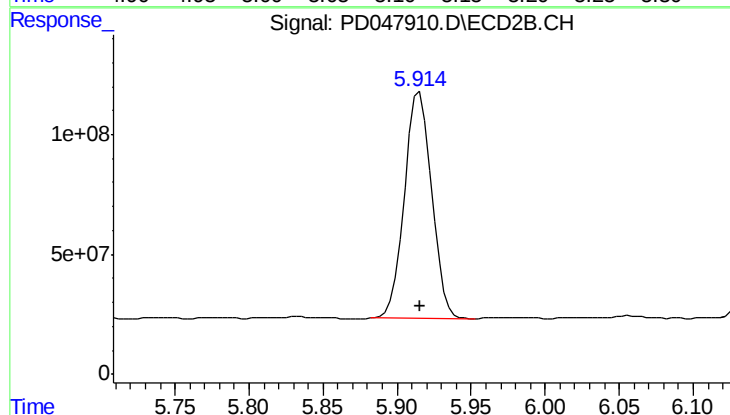
#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: 0.001 min
Response: 1223266477
Conc: 47.11 ng/ml



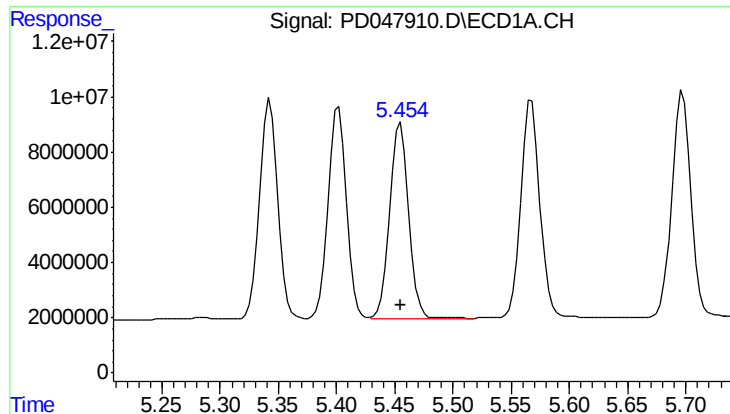
#8 Heptachlor epoxide

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 86055570
Conc: 56.57 ng/ml



#8 Heptachlor epoxide

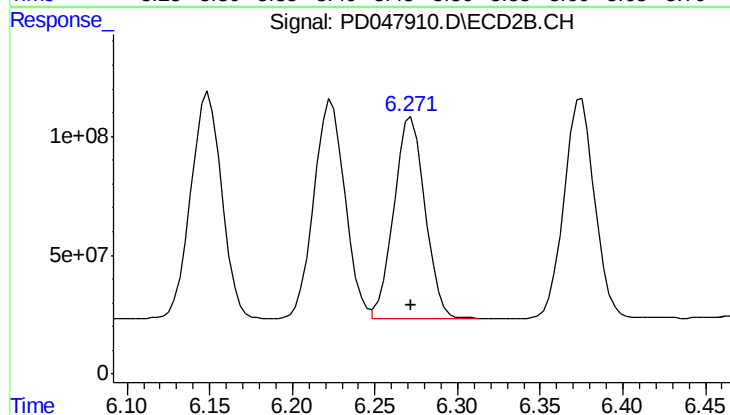
R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 1206758339
Conc: 54.32 ng/ml



#9 Endosulfan I

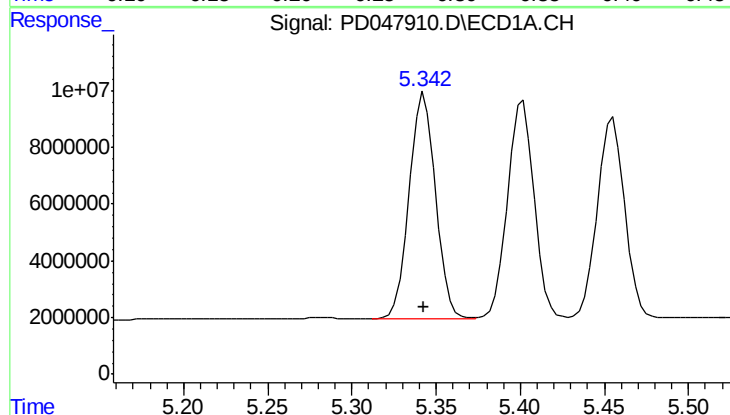
R.T.: 5.455 min
Delta R.T.: 0.000 min
Response: 80053380
Conc: 56.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
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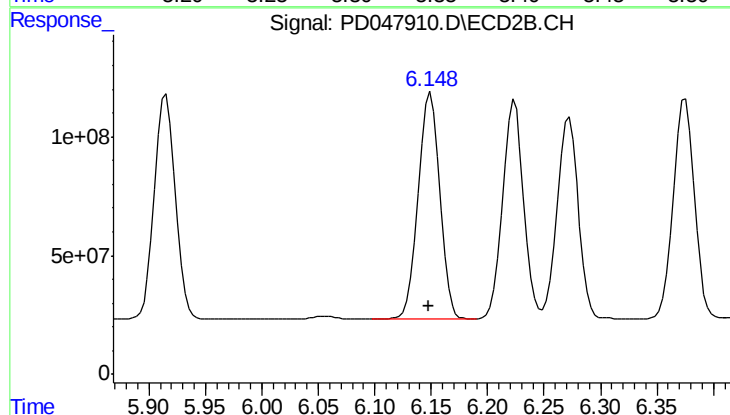
#9 Endosulfan I

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 1112957856
Conc: 55.00 ng/ml



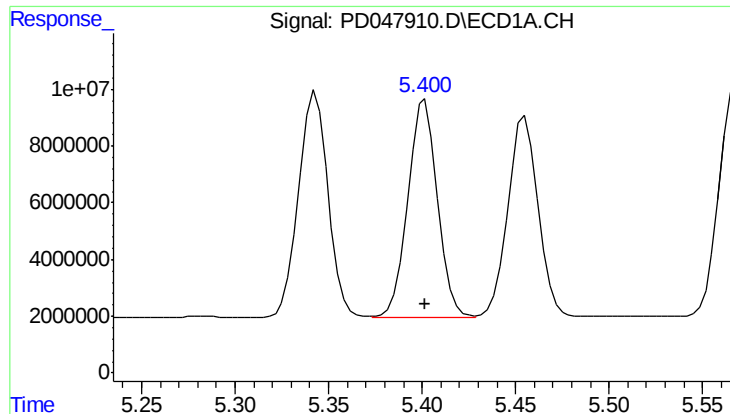
#10 gamma-Chlordane

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 87235749
Conc: 56.89 ng/ml



#10 gamma-Chlordane

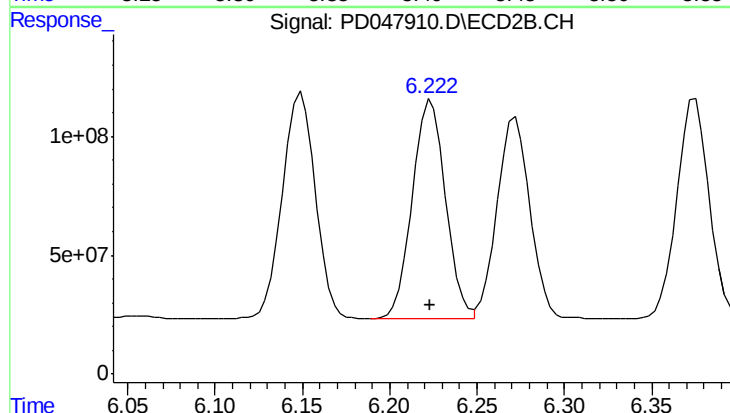
R.T.: 6.149 min
Delta R.T.: 0.001 min
Response: 1246665699
Conc: 54.40 ng/ml



#11 alpha-Chlordane

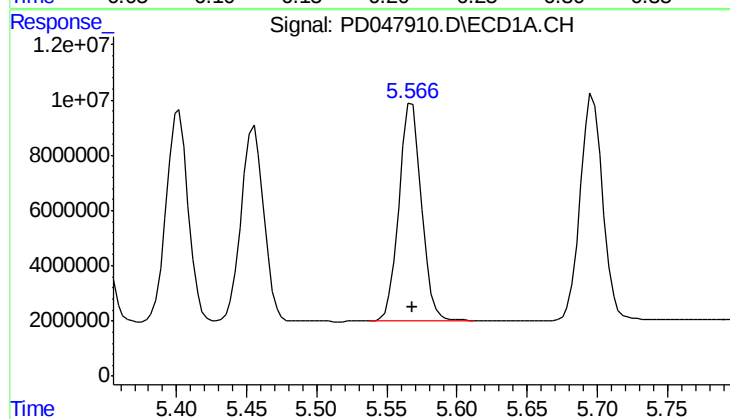
R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 84917123
Conc: 56.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-NPW-Precision-Bias-4



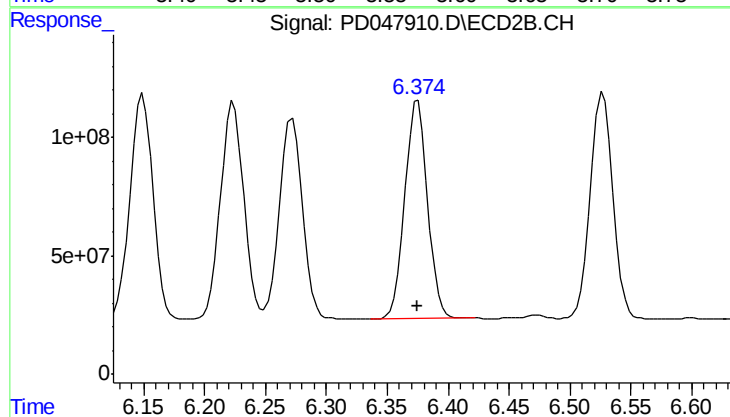
#11 alpha-Chlordane

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 1205198011
Conc: 54.80 ng/ml



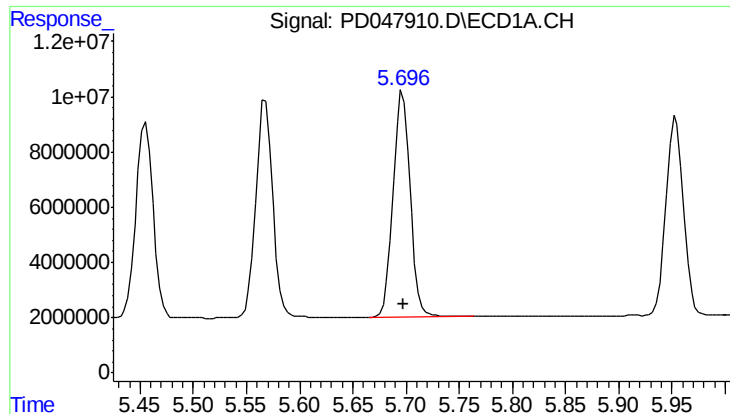
#12 4,4'-DDE

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 87519285
Conc: 56.51 ng/ml



#12 4,4'-DDE

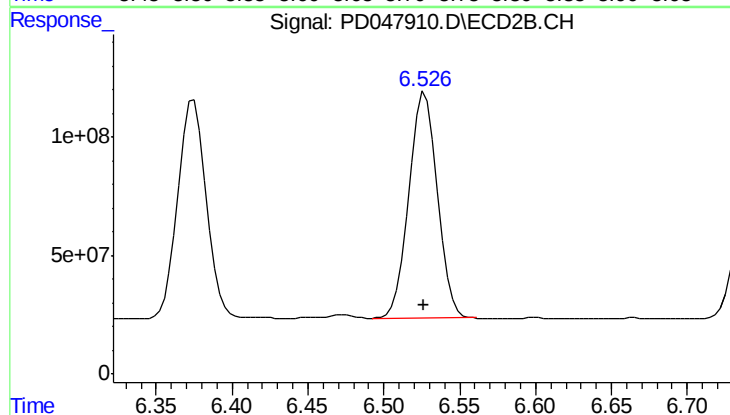
R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 1190931134
Conc: 55.48 ng/ml



#13 Dieldrin

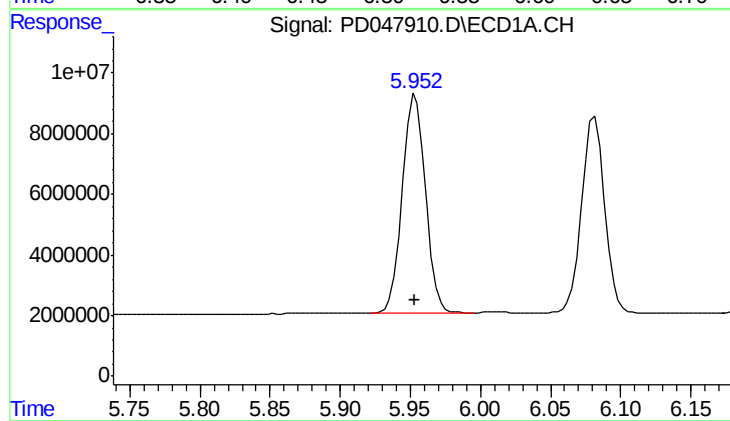
R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 92104636
Conc: 56.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-NPW-Precision-Bias-4



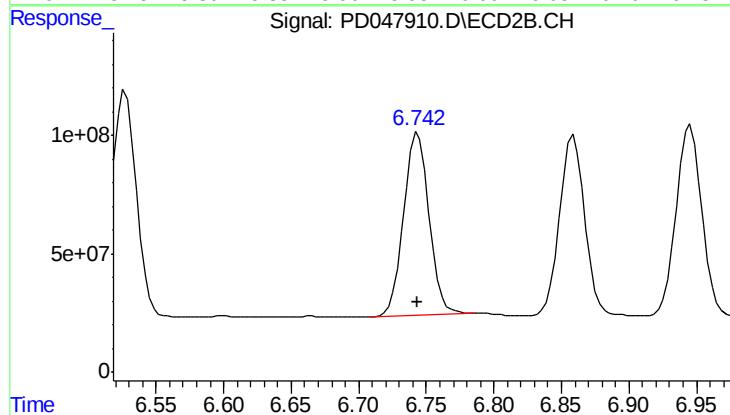
#13 Dieldrin

R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 1229801237
Conc: 55.69 ng/ml



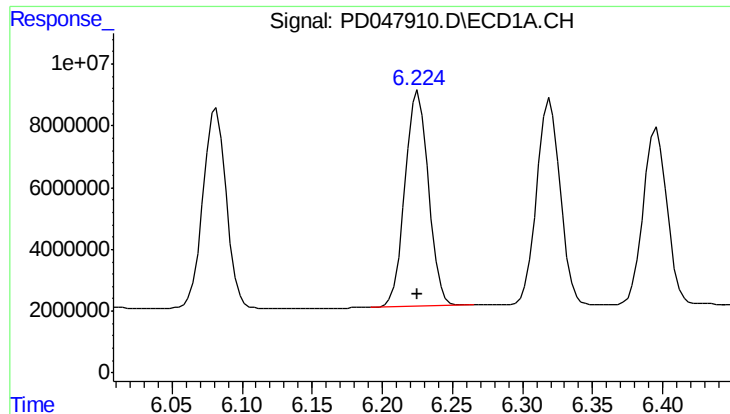
#14 Endrin

R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 82134927
Conc: 54.62 ng/ml



#14 Endrin

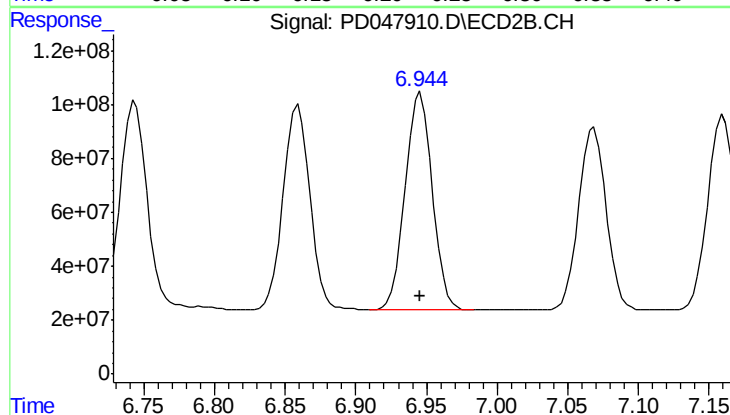
R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 1019460552
Conc: 54.99 ng/ml



#15 Endosulfan II

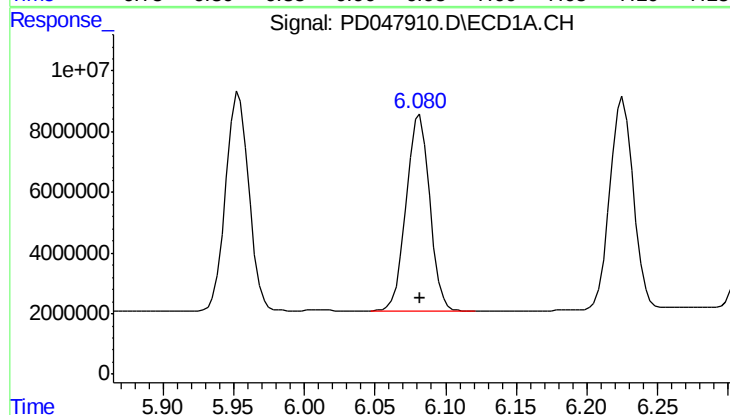
R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 81353759
Conc: 57.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
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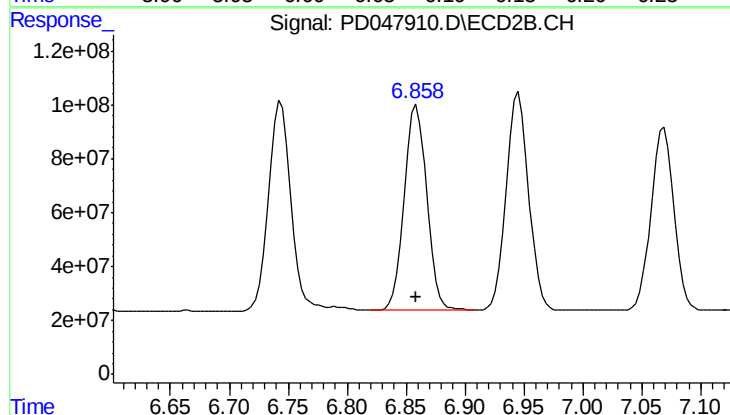
#15 Endosulfan II

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 1065670476
Conc: 55.63 ng/ml



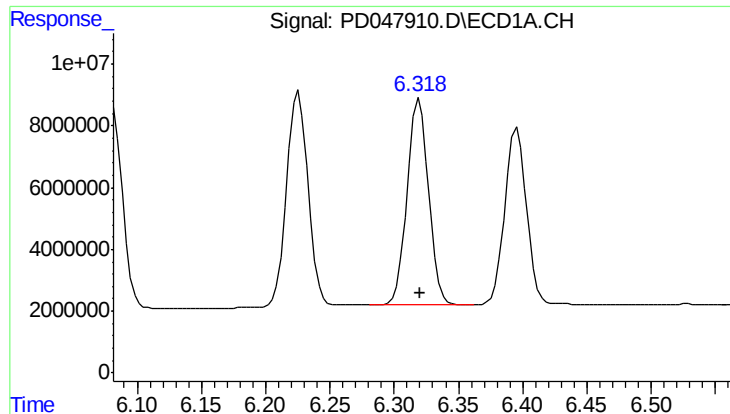
#16 4,4'-DDD

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 74801044
Conc: 57.32 ng/ml



#16 4,4'-DDD

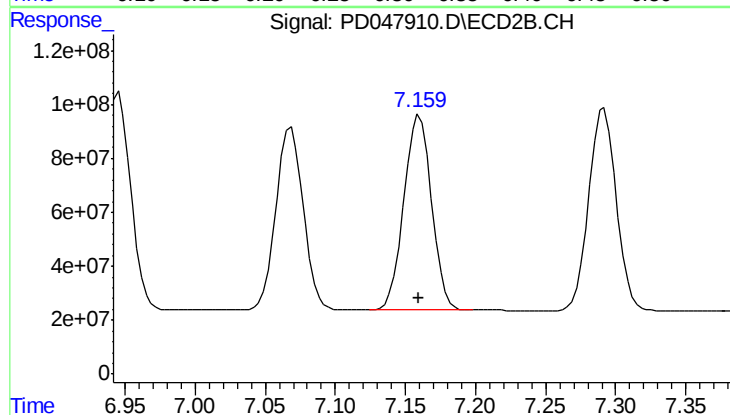
R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 989283764
Conc: 55.93 ng/ml



#17 4,4'-DDT

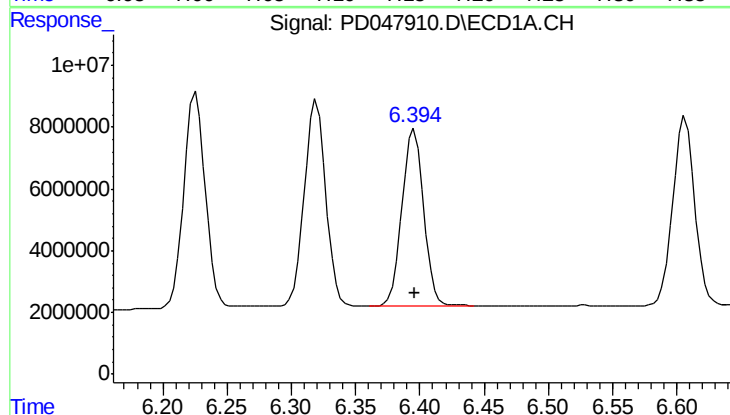
R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 77920307
Conc: 56.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-NPW-Precision-Bias-4



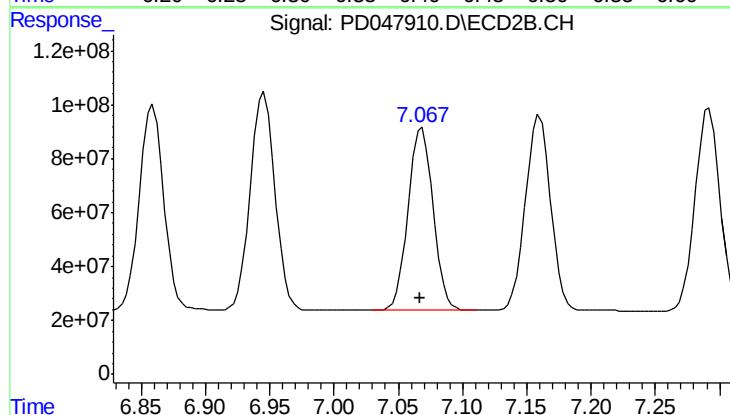
#17 4,4'-DDT

R.T.: 7.160 min
Delta R.T.: 0.000 min
Response: 992008700
Conc: 58.60 ng/ml



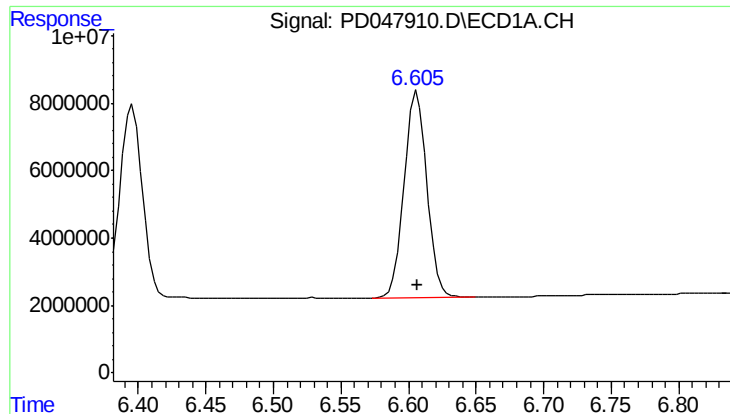
#18 Endrin aldehyde

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 67345151
Conc: 56.87 ng/ml



#18 Endrin aldehyde

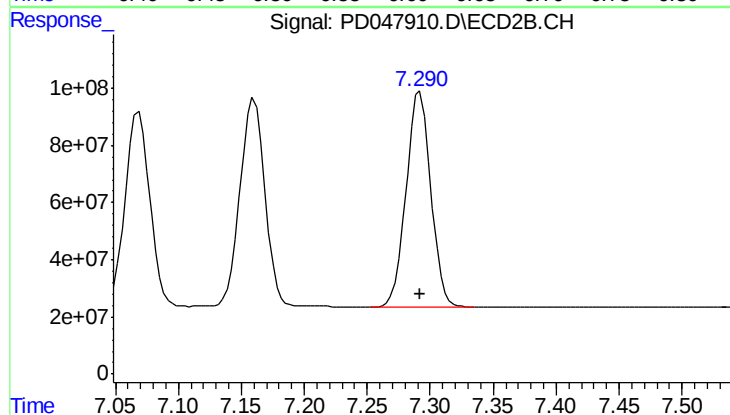
R.T.: 7.069 min
Delta R.T.: 0.002 min
Response: 927196057
Conc: 57.04 ng/ml



#19 Endosulfan Sulfate

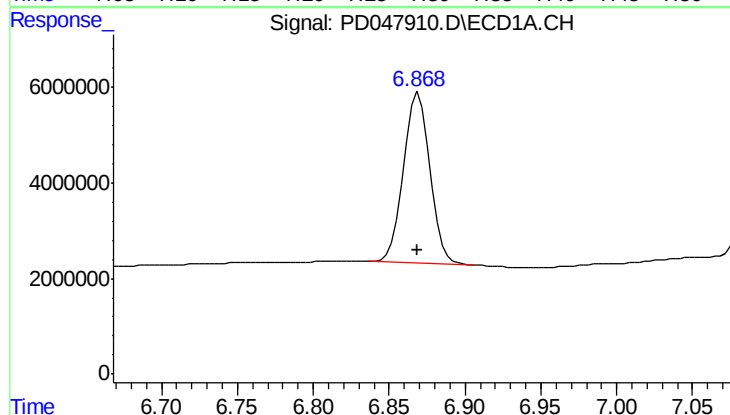
R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 72107160
Conc: 52.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-NPW-Precision-Bias-4



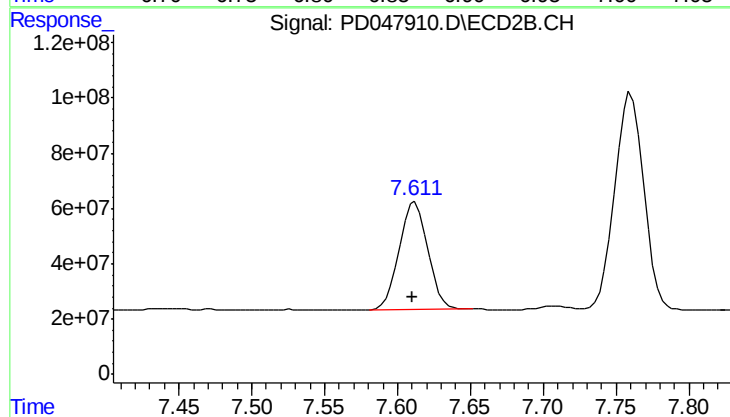
#19 Endosulfan Sulfate

R.T.: 7.292 min
Delta R.T.: 0.000 min
Response: 1022458404
Conc: 54.07 ng/ml



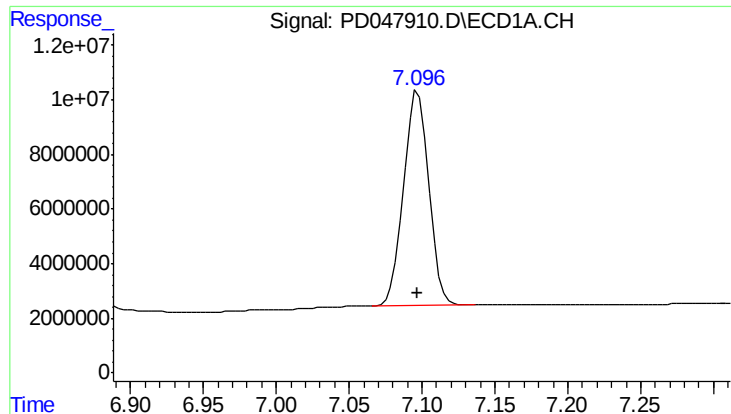
#20 Methoxychlor

R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 42743790
Conc: 54.61 ng/ml



#20 Methoxychlor

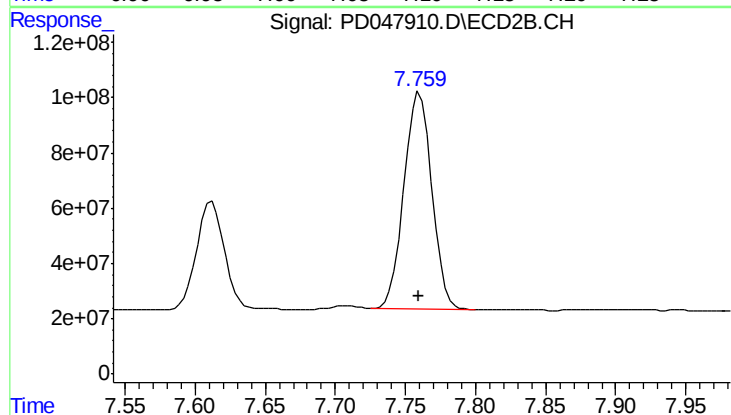
R.T.: 7.612 min
Delta R.T.: 0.002 min
Response: 532273629
Conc: 58.00 ng/ml



#21 Endrin ketone

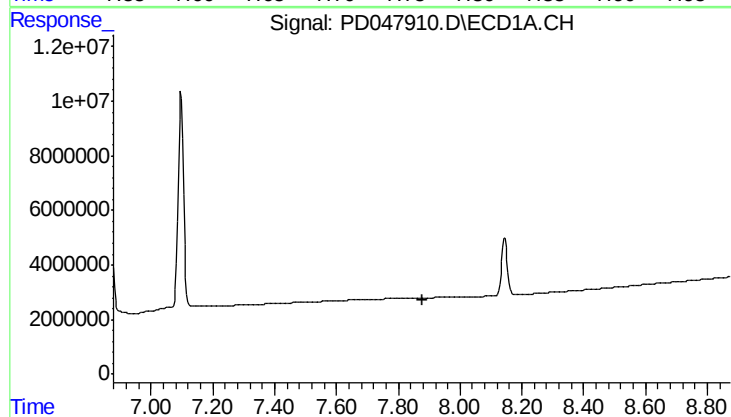
R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 94943558
Conc: 57.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-NPW-Precision-Bias-4



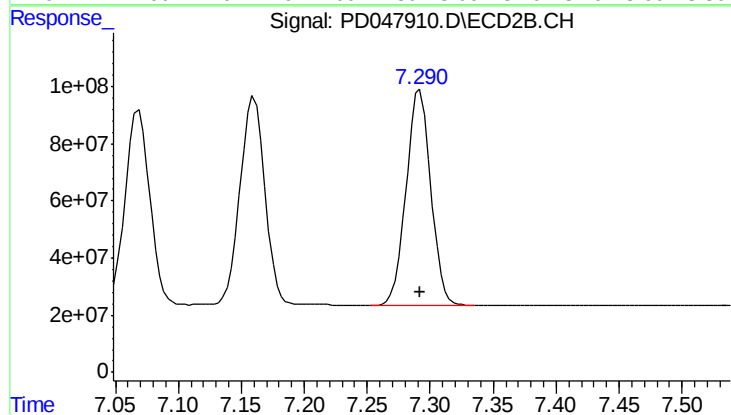
#21 Endrin ketone

R.T.: 7.760 min
Delta R.T.: 0.001 min
Response: 1077712623
Conc: 57.26 ng/ml



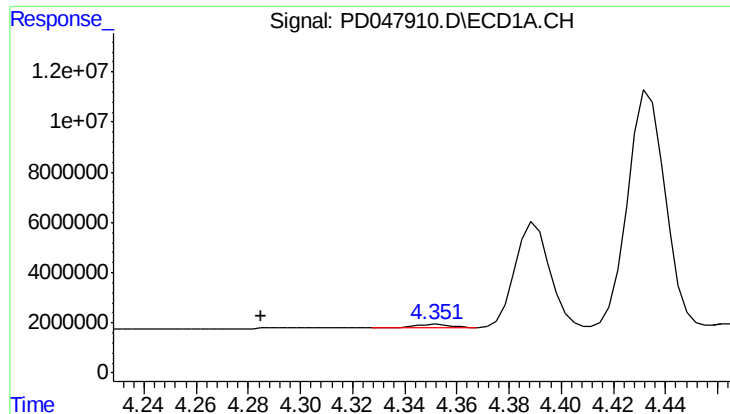
#22 Mirex

R.T.: 0.000 min
Exp R.T.: 7.878 min
Response: 0
Conc: N.D.



#22 Mirex

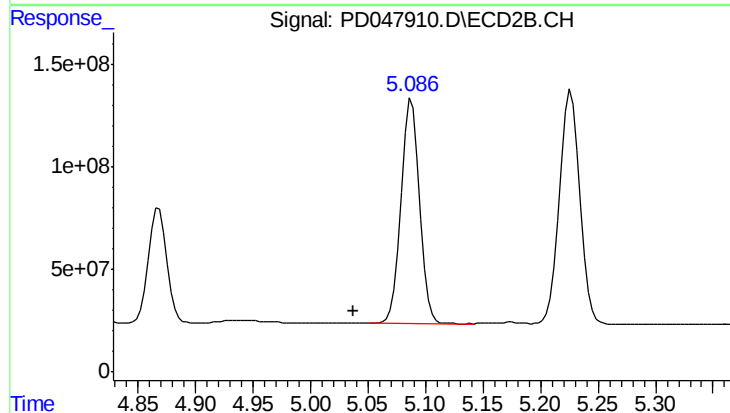
R.T.: 7.292 min
Delta R.T.: 0.000 min
Response: 1022458404
Conc: 52.90 ng/ml



#23 Chlordane-1

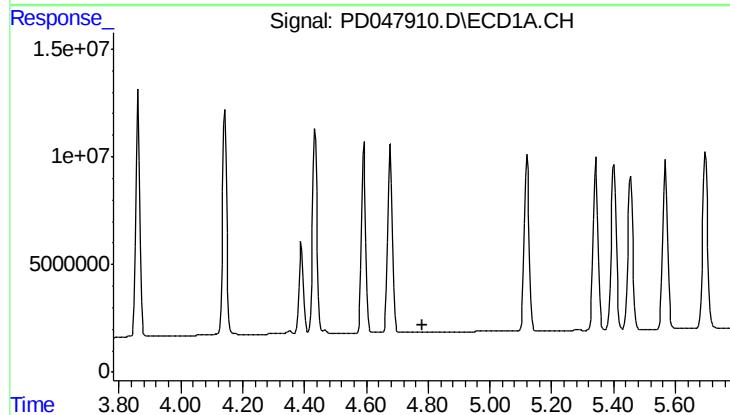
R.T.: 4.352 min
Delta R.T.: 0.067 min
Response: 1427461
Conc: 24.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-NPW-Precision-Bias-4



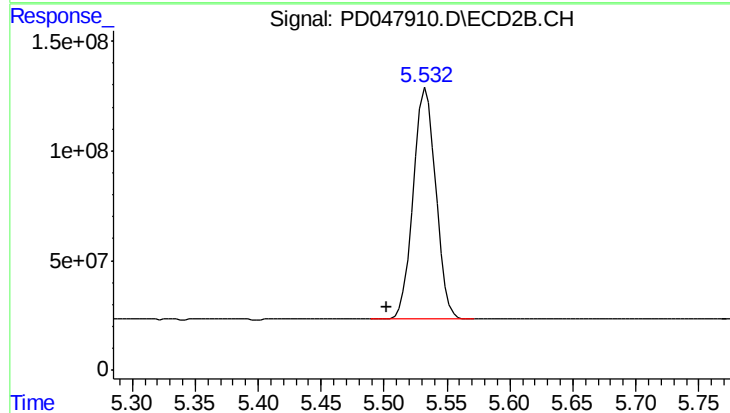
#23 Chlordane-1

R.T.: 5.087 min
Delta R.T.: 0.051 min
Response: 1223266477
Conc: 1201.60 ng/ml



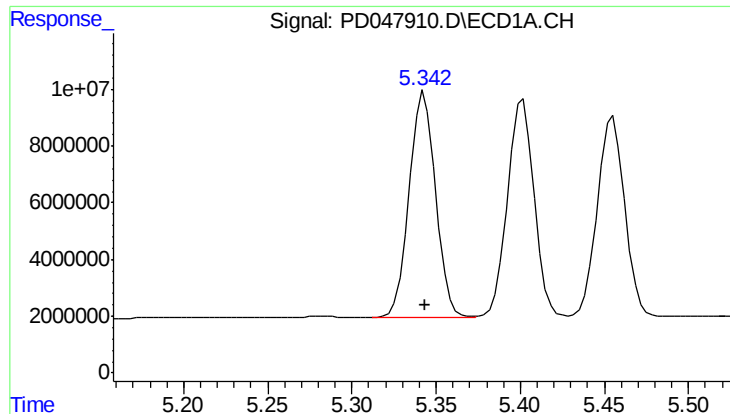
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 4.780 min
Response: 0
Conc: N.D.



#24 Chlordane-2

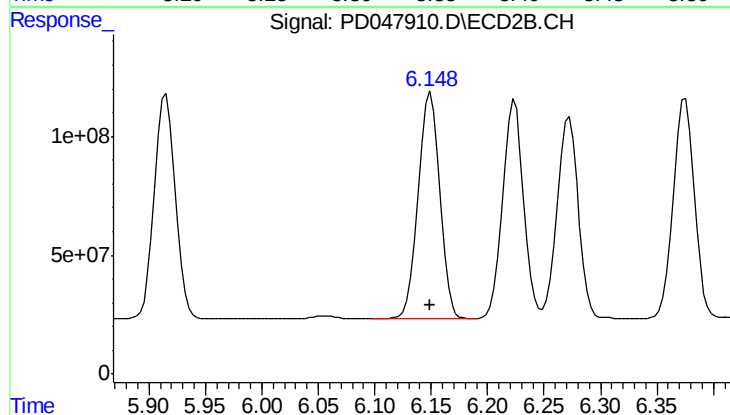
R.T.: 5.533 min
Delta R.T.: 0.031 min
Response: 1311218988
Conc: 1388.66 ng/ml



#25 Chlordane-3

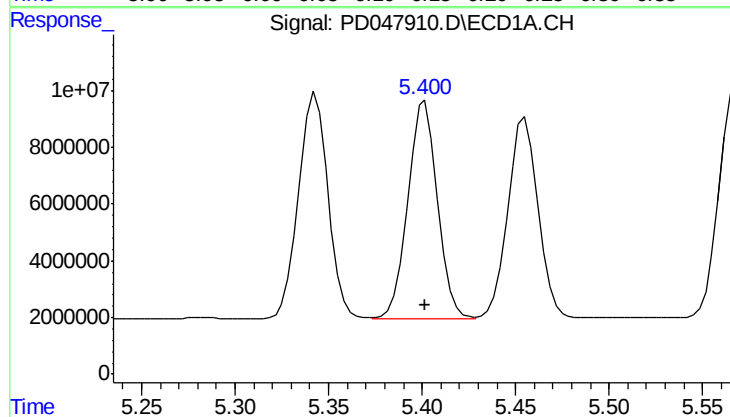
R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 87235749
Conc: 485.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-NPW-Precision-Bias-4



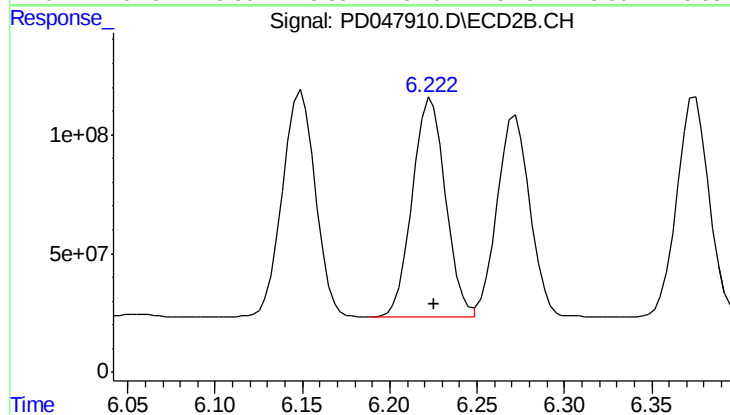
#25 Chlordane-3

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 1246665699
Conc: 389.54 ng/ml



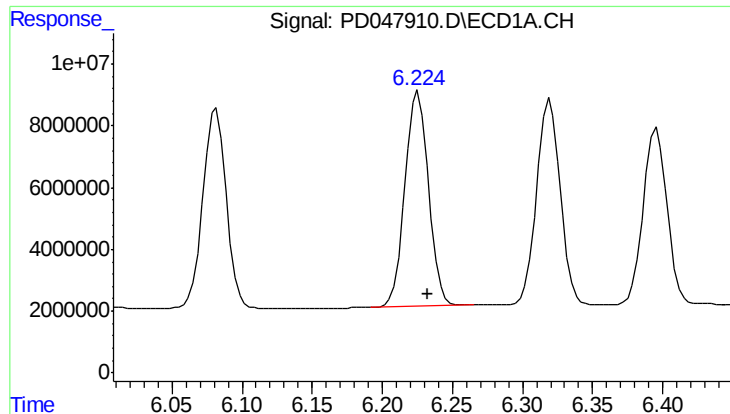
#26 Chlordane-4

R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 84917123
Conc: 533.76 ng/ml



#26 Chlordane-4

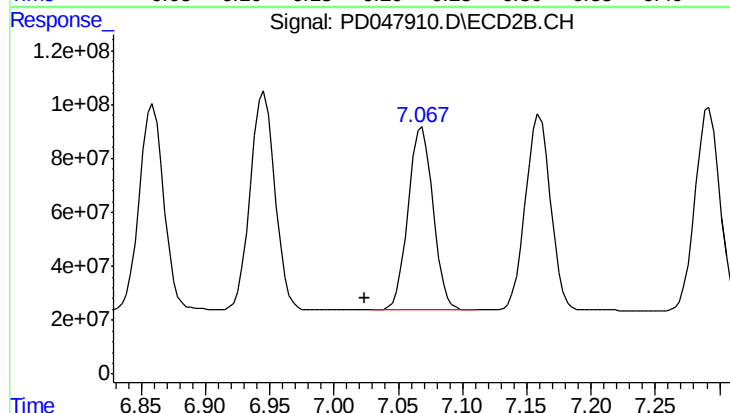
R.T.: 6.224 min
Delta R.T.: -0.002 min
Response: 1205198011
Conc: 327.44 ng/ml



#27 Chlordane-5

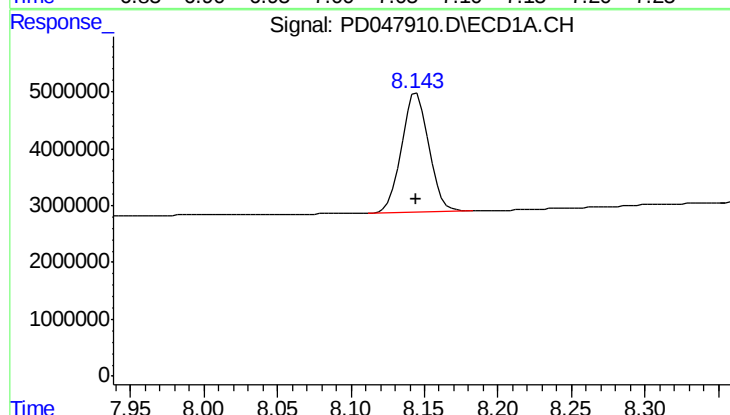
R.T.: 6.226 min
Delta R.T.: -0.006 min
Response: 81353759
Conc: 1371.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-NPW-Precision-Bias-4



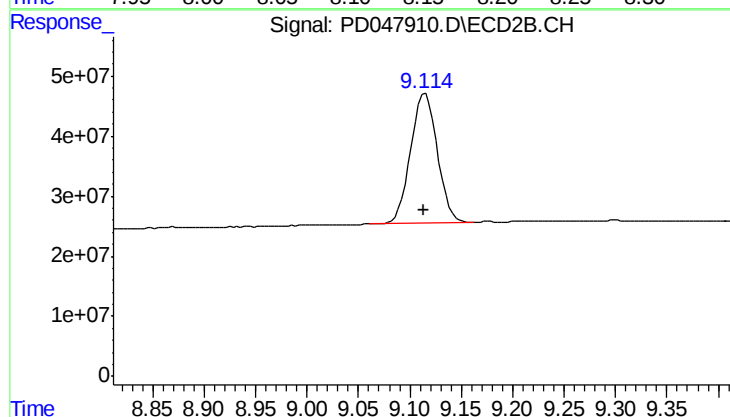
#27 Chlordane-5

R.T.: 7.069 min
Delta R.T.: 0.044 min
Response: 927196057
Conc: 1111.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.145 min
Delta R.T.: 0.000 min
Response: 26970224
Conc: 19.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.001 min
Response: 392013146
Conc: 23.01 ng/ml