

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121321\
 Data File : PD067299.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Dec 2021 21:26
 Operator : AR\AJ
 Sample : M5051-01 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 14 02:32:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD113021.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 30 17:33:19 2021
 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 x0.2 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...	3.435	3.964	2682183	18196523	1.298	2.507 #
28)	SA Decachlor...	8.156	9.005f	5548188	38437216	4.897	7.646 #
Target Compounds							
2)	A alpha-BHC	3.874	4.376f	4654523	14751394	1.386	1.418
3)	MA gamma-BHC...	4.160	4.628f	468.0E6	1212.4E6	145.641	127.223
4)	MA Heptachlor	4.431f	5.120f	44296602	119.2E6	13.615	13.244
5)	MB Aldrin	4.699	5.455	227001	26827491	0.071	3.191 #
6)	B beta-BHC	4.431f	4.834	44296602	17890907	32.452	4.059 #
7)	B delta-BHC	4.600	5.054f	37397669	7575084	12.506	0.825 #
9)	A Endosulfan I	5.461	0.000	1429202	0	0.548	N.D. #
10)	B gamma-Chl...	5.352	6.067	1879867	181.1E6	0.646	24.606 #
11)	B alpha-Chl...	5.422	6.158f	622249	11176749	0.219	1.534 #
12)	B 4,4'-DDE	0.000	6.282f	0	18042433	N.D.	2.607 #
13)	MA Dieldrin	5.715	6.466	50256419	4490773	17.979	0.612 #
14)	MA Endrin	5.962	6.663	16428290	257.6E6	7.195	45.886 #
15)	B Endosulfa...	6.245	6.912f	14704665	10496228	6.564	1.749 #
16)	A 4,4'-DDD	6.104	6.797	85753294	103.8E6	40.805	17.753 #
17)	MA 4,4'-DDT	6.343	7.101	12272243	114.6E6	5.800	19.206 #
18)	B Endrin al...	6.380f	7.003	10701532	101.5E6	6.399	21.634 #
19)	B Endosulfa...	6.592f	0.000	17403979	0	8.581	N.D. #
20)	A Methoxychlor	0.000	7.558	0	12257120	N.D.	3.805 #
21)	B Endrin ke...	7.115	7.728f	9170720	960517	4.048	0.133 #
22)	Mirex	7.283	8.142	-3915950	41422889	N.D.	8.457
23)	Chlordane-1	4.301	4.956	5341986	110.0E6	65.948	437.398 #
24)	Chlordane-2	4.811f	0.000	4125920	0	43.356	N.D. #
25)	Chlordane-3	5.352	6.067	1879867	181.1E6	6.829	189.591 #
26)	Chlordane-4	5.422	6.158f	622249	11176749	2.726	10.054 #
27)	Chlordane-5	6.245	0.000	14704665	0	161.826	N.D. #

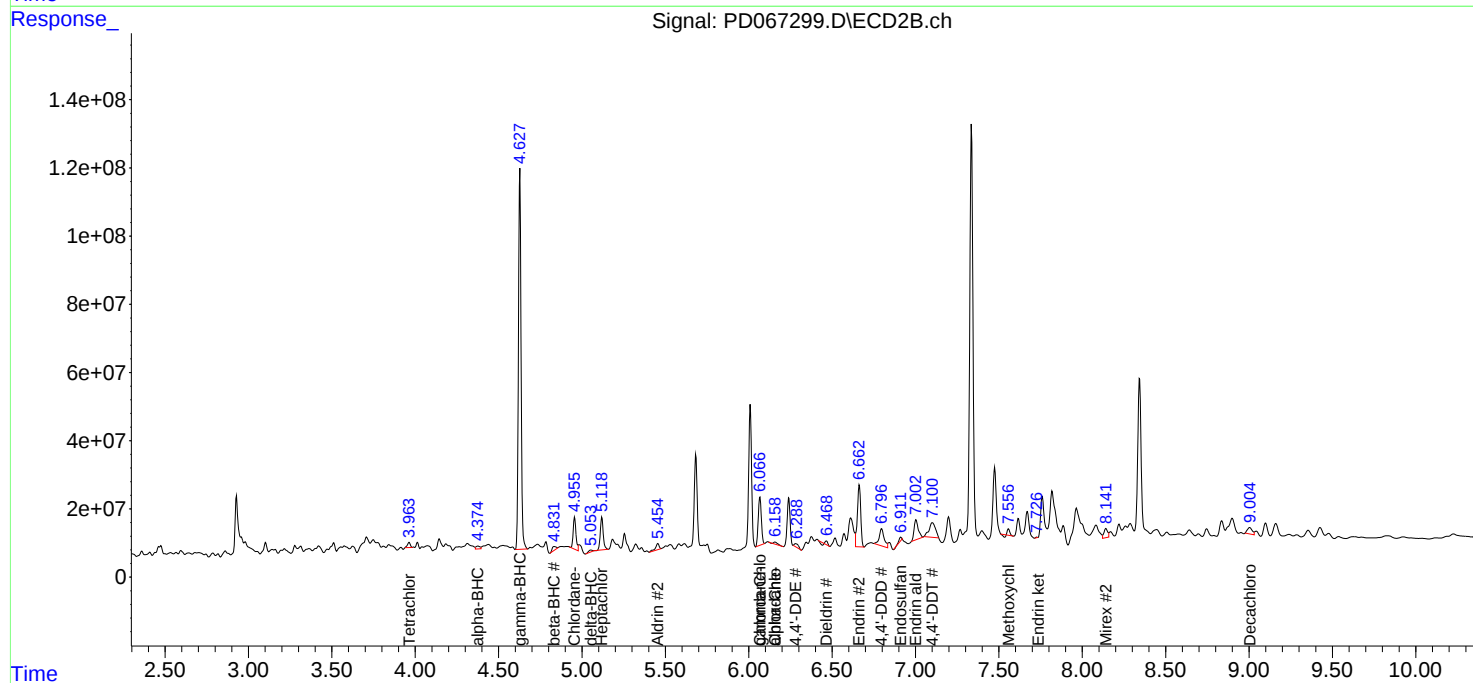
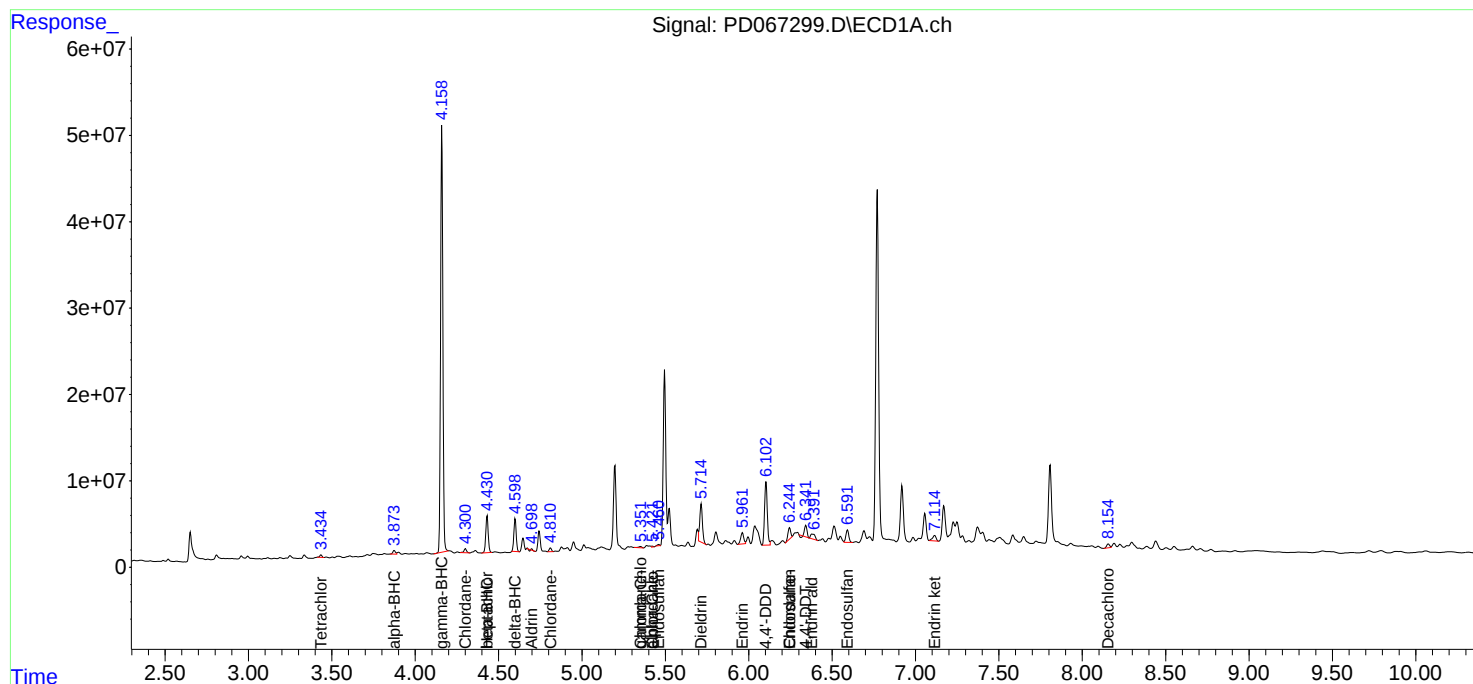
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

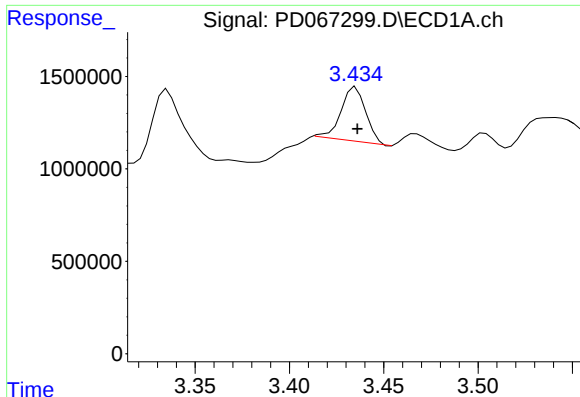
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121321\
Data File : PD067299.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Dec 2021 21:26
Operator : AR\AJ
Sample : M5051-01 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 14 02:32:45 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD113021.M
Quant Title : GC Extractables
QLast Update : Tue Nov 30 17:33:19 2021
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 x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

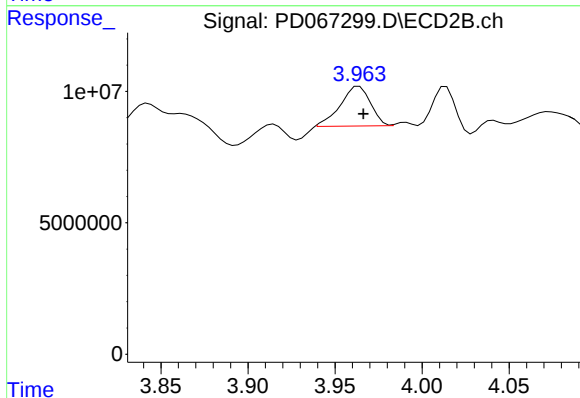




#1 Tetrachloro-m-xylene

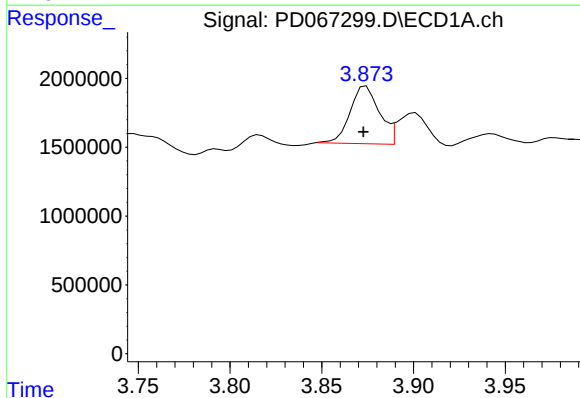
R.T.: 3.435 min
Delta R.T.: 0.000 min
Response: 2682183
Conc: 1.30 ng/ml

Instrument :
ECD_D
ClientSampleId :



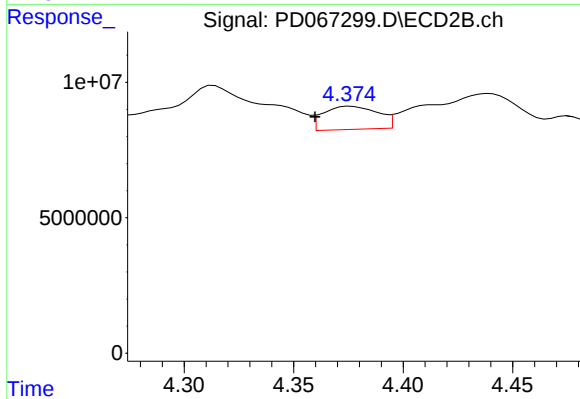
#1 Tetrachloro-m-xylene

R.T.: 3.964 min
Delta R.T.: -0.002 min
Response: 18196523
Conc: 2.51 ng/ml



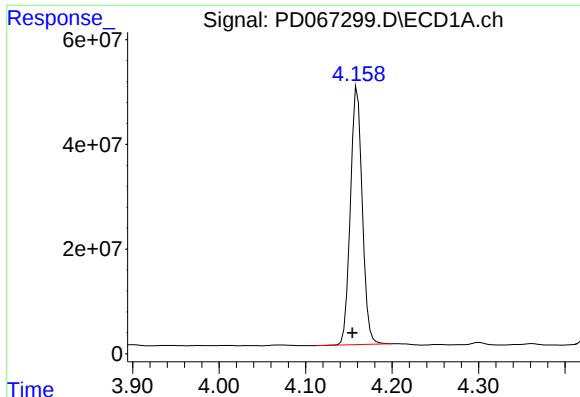
#2 alpha-BHC

R.T.: 3.874 min
Delta R.T.: 0.002 min
Response: 4654523
Conc: 1.39 ng/ml



#2 alpha-BHC

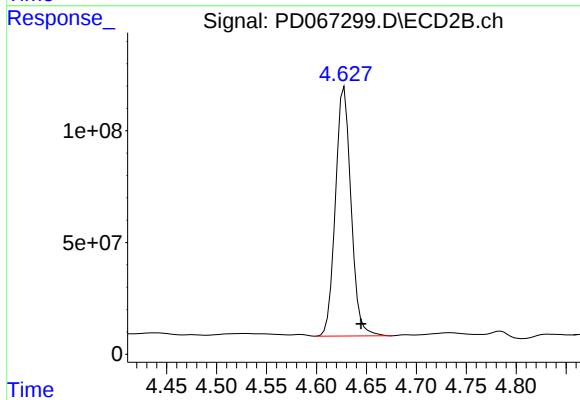
R.T.: 4.376 min
Delta R.T.: 0.016 min
Response: 14751394
Conc: 1.42 ng/ml



#3 gamma-BHC (Lindane)

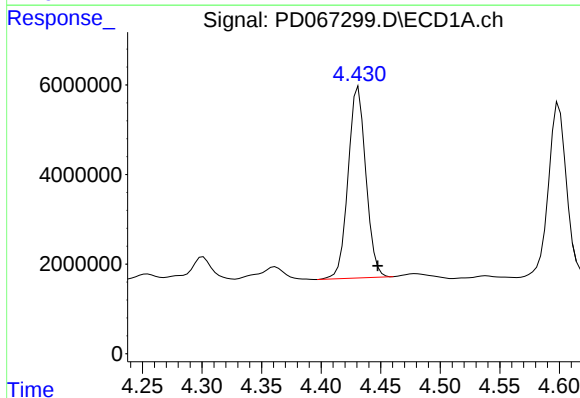
R.T.: 4.160 min
Delta R.T.: 0.006 min
Response: 468036107
Conc: 145.64 ng/ml

Instrument :
ECD_D
ClientSampleId :



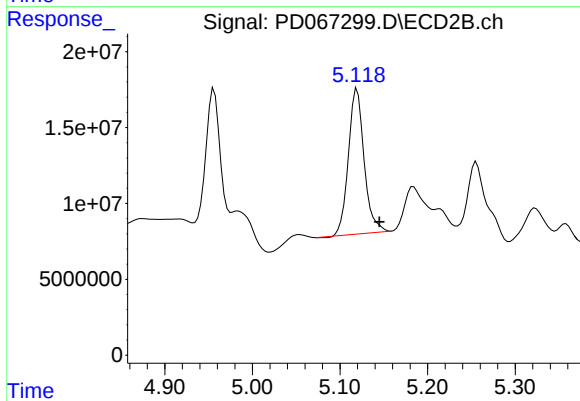
#3 gamma-BHC (Lindane)

R.T.: 4.628 min
Delta R.T.: -0.017 min
Response: 1212398977
Conc: 127.22 ng/ml



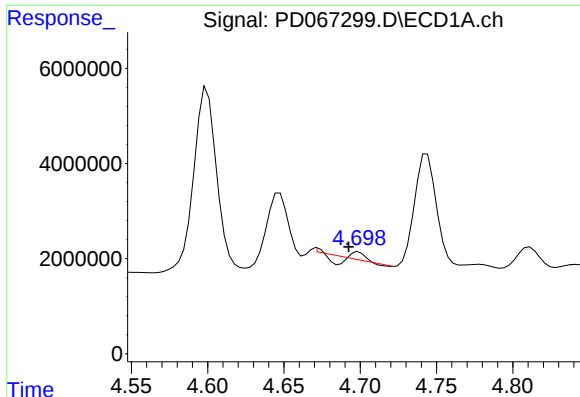
#4 Heptachlor

R.T.: 4.431 min
Delta R.T.: -0.016 min
Response: 44296602
Conc: 13.62 ng/ml



#4 Heptachlor

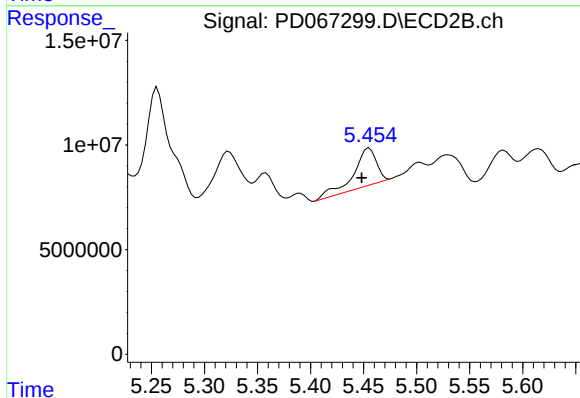
R.T.: 5.120 min
Delta R.T.: -0.025 min
Response: 119204438
Conc: 13.24 ng/ml



#5 Aldrin

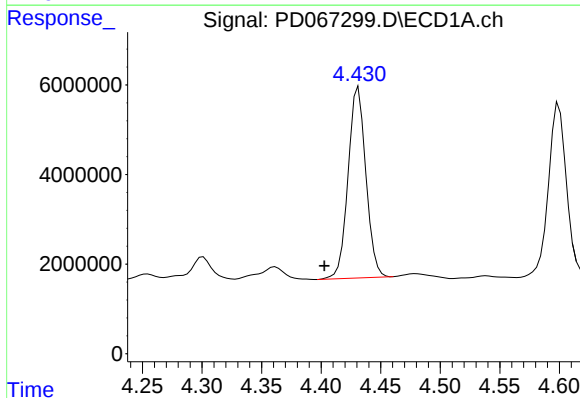
R.T.: 4.699 min
Delta R.T.: 0.007 min
Response: 227001
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



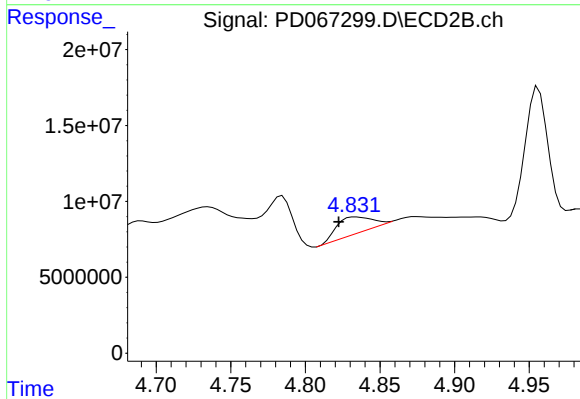
#5 Aldrin

R.T.: 5.455 min
Delta R.T.: 0.007 min
Response: 26827491
Conc: 3.19 ng/ml



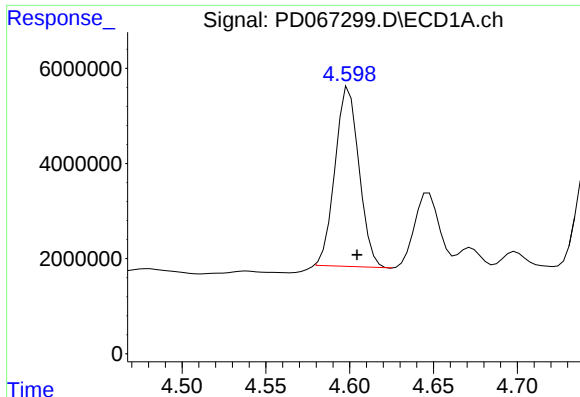
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: 0.029 min
Response: 44296602
Conc: 32.45 ng/ml



#6 beta-BHC

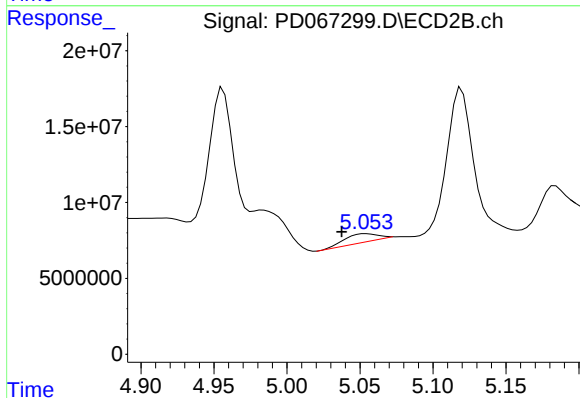
R.T.: 4.834 min
Delta R.T.: 0.012 min
Response: 17890907
Conc: 4.06 ng/ml



#7 delta-BHC

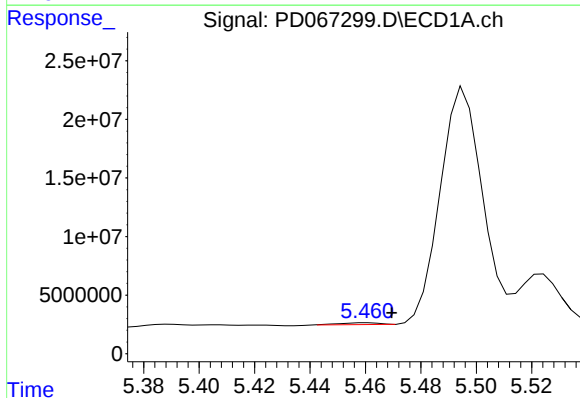
R.T.: 4.600 min
Delta R.T.: -0.005 min
Response: 37397669
Conc: 12.51 ng/ml

Instrument :
ECD_D
ClientSampleId :



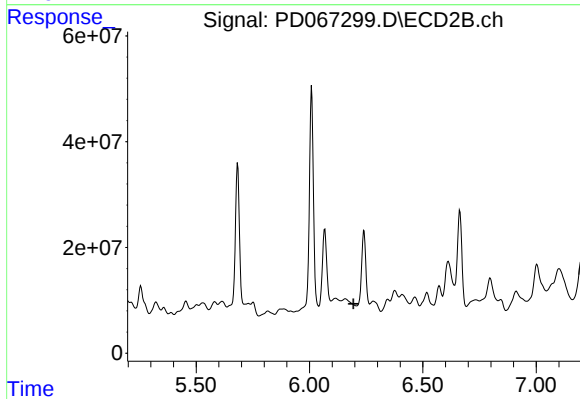
#7 delta-BHC

R.T.: 5.054 min
Delta R.T.: 0.017 min
Response: 7575084
Conc: 0.83 ng/ml



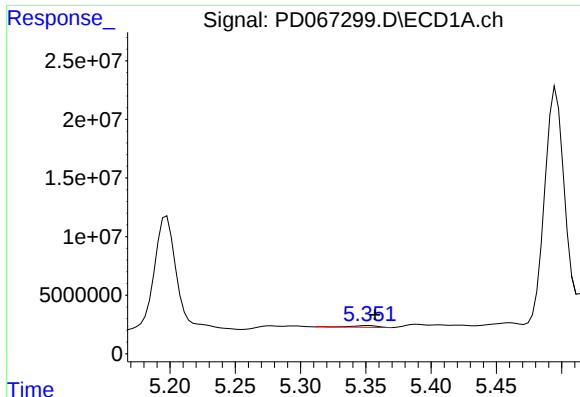
#9 Endosulfan I

R.T.: 5.461 min
Delta R.T.: -0.009 min
Response: 1429202
Conc: 0.55 ng/ml



#9 Endosulfan I

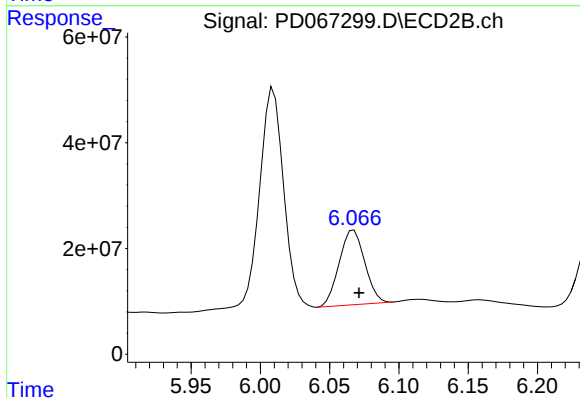
R.T.: 0.000 min
Exp R.T. : 6.194 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

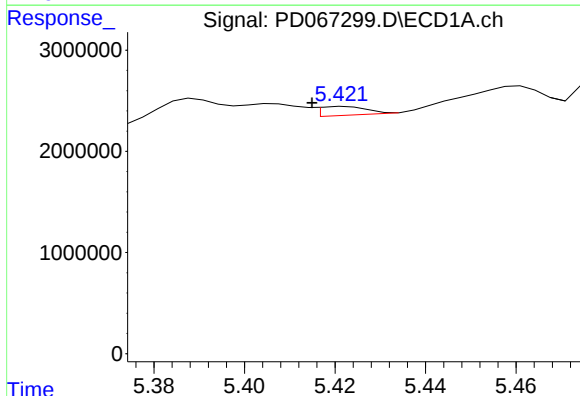
R.T.: 5.352 min
Delta R.T.: -0.005 min
Response: 1879867
Conc: 0.65 ng/ml

Instrument :
ECD_D
ClientSampleId :



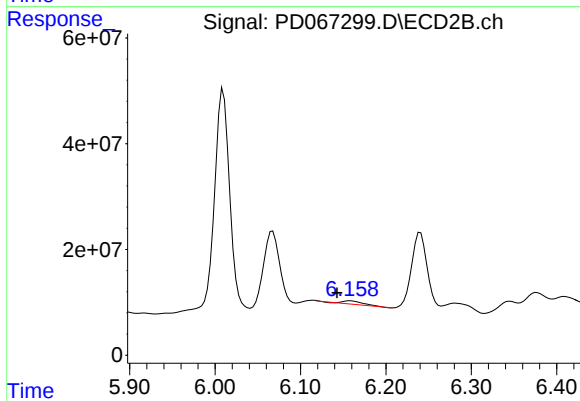
#10 gamma-Chlordane

R.T.: 6.067 min
Delta R.T.: -0.004 min
Response: 181105974
Conc: 24.61 ng/ml



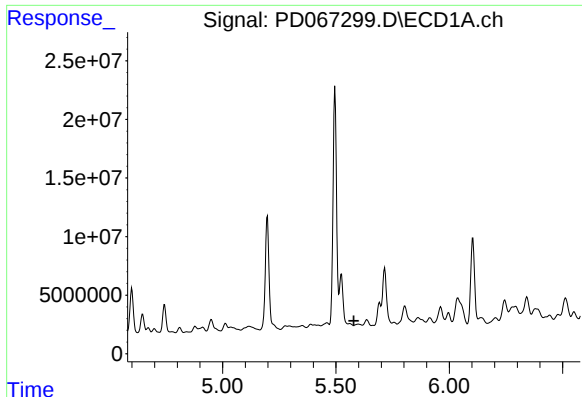
#11 alpha-Chlordane

R.T.: 5.422 min
Delta R.T.: 0.007 min
Response: 622249
Conc: 0.22 ng/ml



#11 alpha-Chlordane

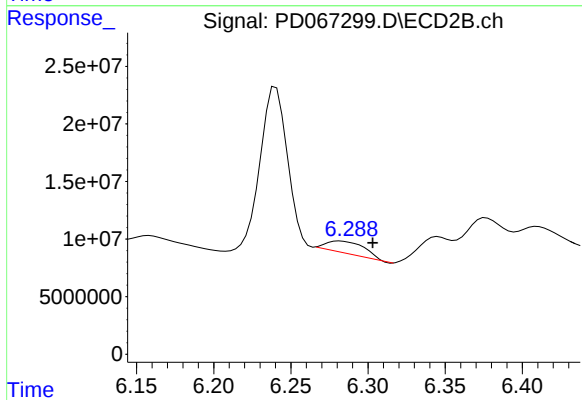
R.T.: 6.158 min
Delta R.T.: 0.015 min
Response: 11176749
Conc: 1.53 ng/ml



#12 4,4'-DDE

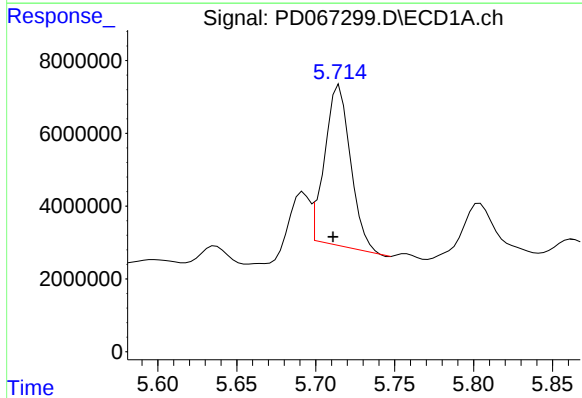
R.T.: 0.000 min
Exp R.T.: 5.579 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



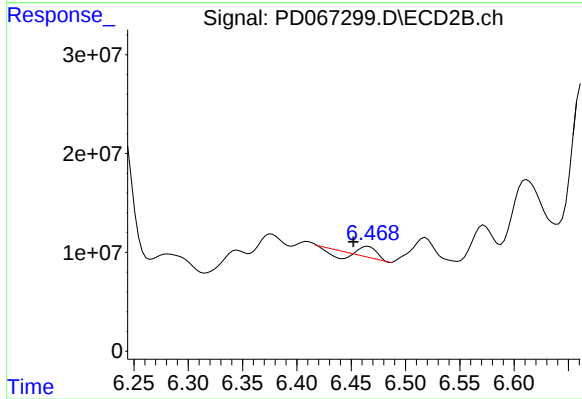
#12 4,4'-DDE

R.T.: 6.282 min
Delta R.T.: -0.021 min
Response: 18042433
Conc: 2.61 ng/ml



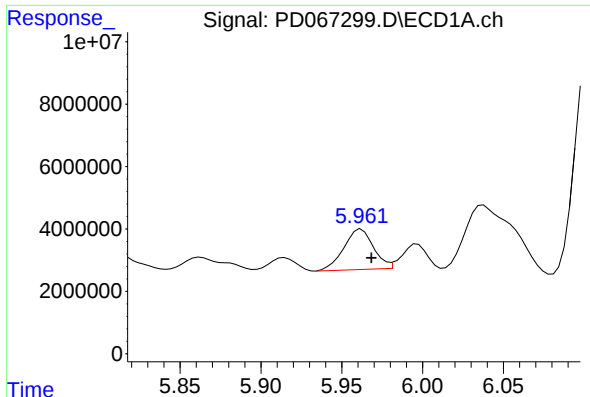
#13 Dieldrin

R.T.: 5.715 min
Delta R.T.: 0.004 min
Response: 50256419
Conc: 17.98 ng/ml



#13 Dieldrin

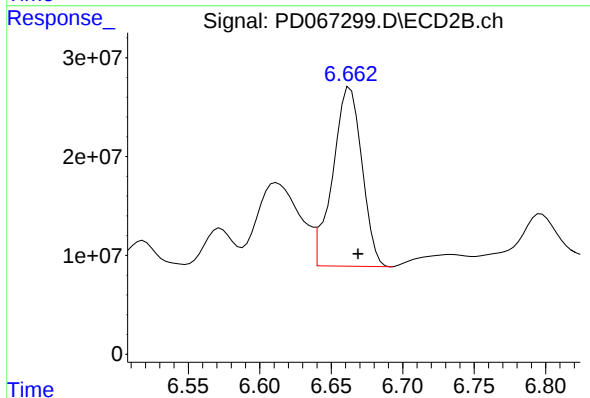
R.T.: 6.466 min
Delta R.T.: 0.014 min
Response: 4490773
Conc: 0.61 ng/ml



#14 Endrin

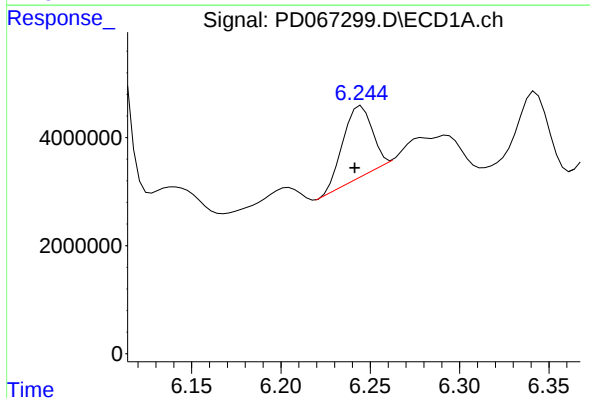
R.T.: 5.962 min
Delta R.T.: -0.006 min
Response: 16428290
Conc: 7.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



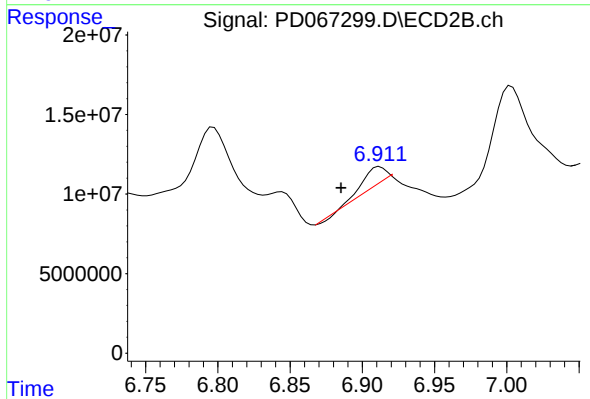
#14 Endrin

R.T.: 6.663 min
Delta R.T.: -0.006 min
Response: 257640092
Conc: 45.89 ng/ml



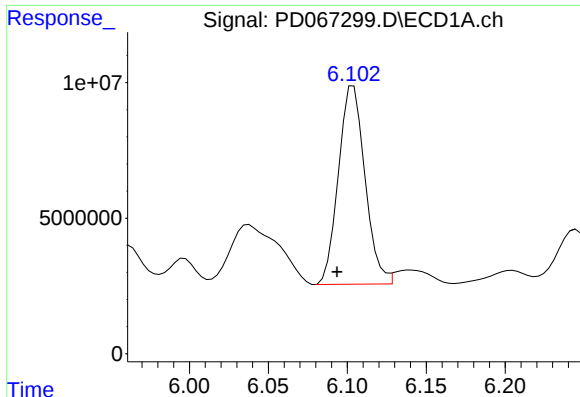
#15 Endosulfan II

R.T.: 6.245 min
Delta R.T.: 0.004 min
Response: 14704665
Conc: 6.56 ng/ml



#15 Endosulfan II

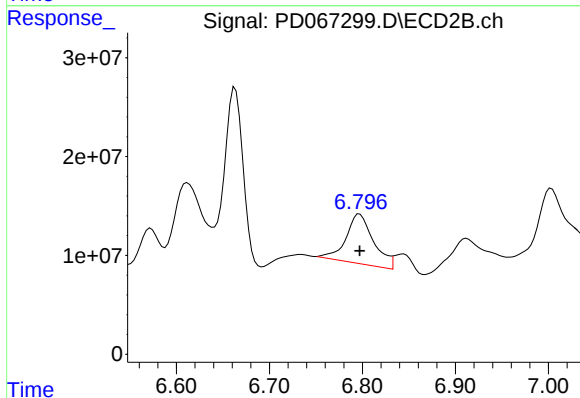
R.T.: 6.912 min
Delta R.T.: 0.027 min
Response: 10496228
Conc: 1.75 ng/ml



#16 4,4'-DDD

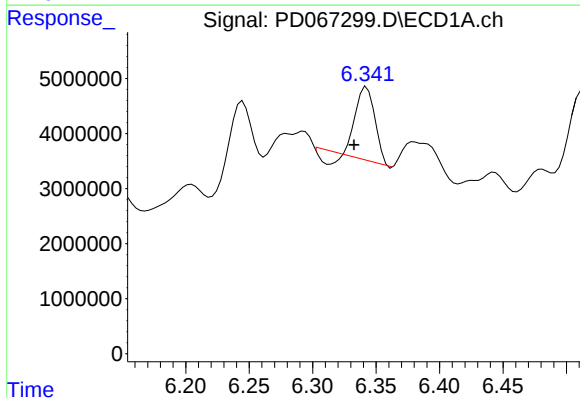
R.T.: 6.104 min
Delta R.T.: 0.010 min
Response: 85753294
Conc: 40.80 ng/ml

Instrument :
ECD_D
ClientSampleId :



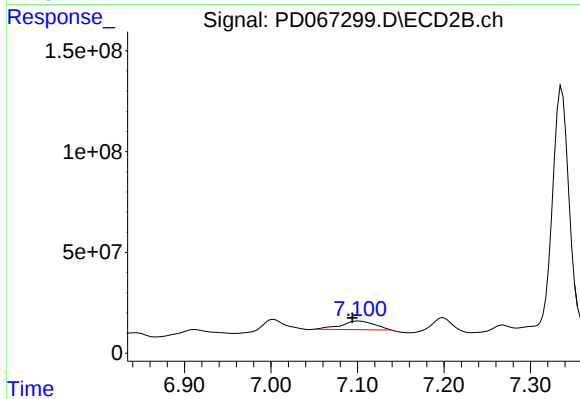
#16 4,4'-DDD

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 103820184
Conc: 17.75 ng/ml



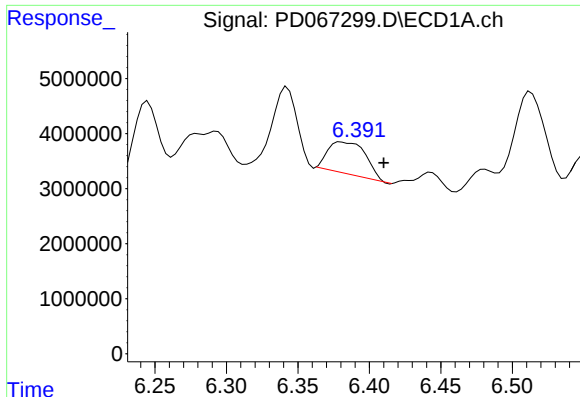
#17 4,4'-DDT

R.T.: 6.343 min
Delta R.T.: 0.010 min
Response: 12272243
Conc: 5.80 ng/ml



#17 4,4'-DDT

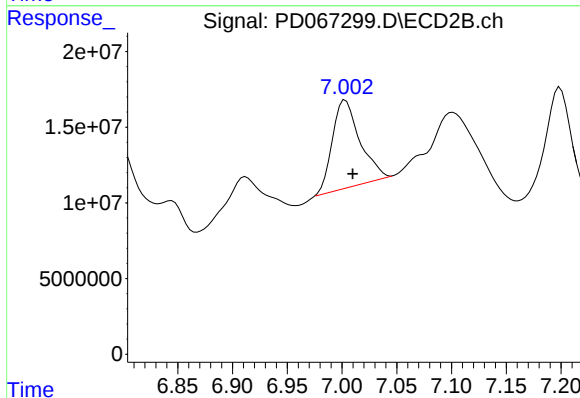
R.T.: 7.101 min
Delta R.T.: 0.007 min
Response: 114629233
Conc: 19.21 ng/ml



#18 Endrin aldehyde

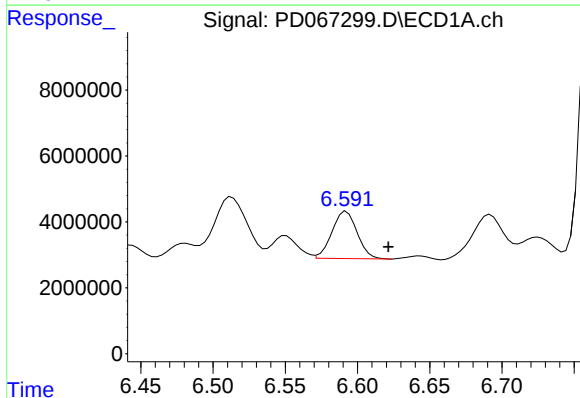
R.T.: 6.380 min
Delta R.T.: -0.030 min
Response: 10701532
Conc: 6.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



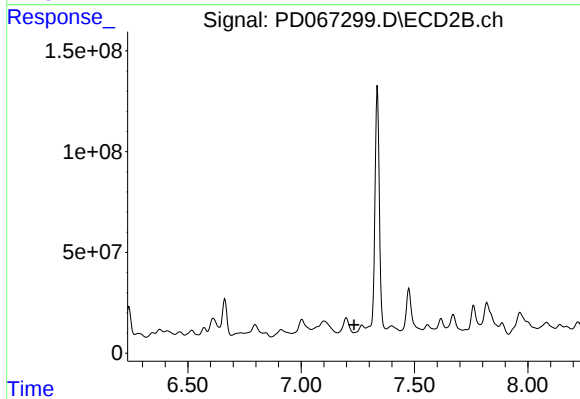
#18 Endrin aldehyde

R.T.: 7.003 min
Delta R.T.: -0.007 min
Response: 101457475
Conc: 21.63 ng/ml



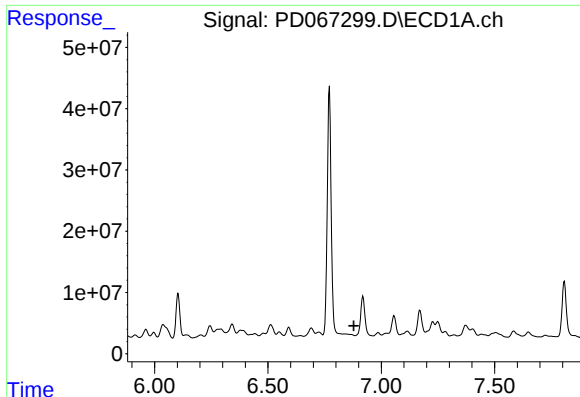
#19 Endosulfan Sulfate

R.T.: 6.592 min
Delta R.T.: -0.029 min
Response: 17403979
Conc: 8.58 ng/ml



#19 Endosulfan Sulfate

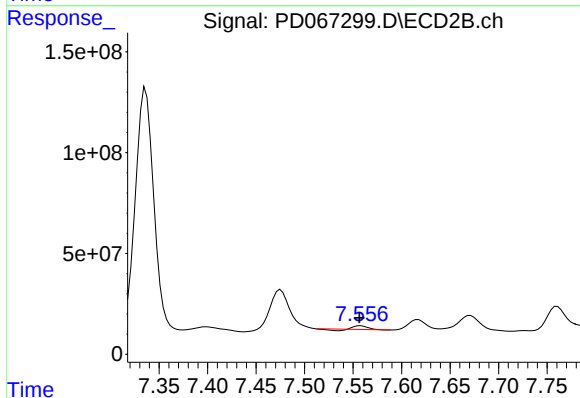
R.T.: 0.000 min
Exp R.T. : 7.233 min
Response: 0
Conc: N.D.



#20 Methoxychlor

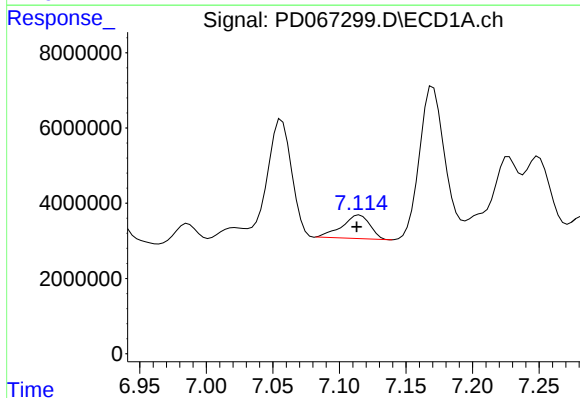
R.T.: 0.000 min
Exp R.T.: 6.879 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



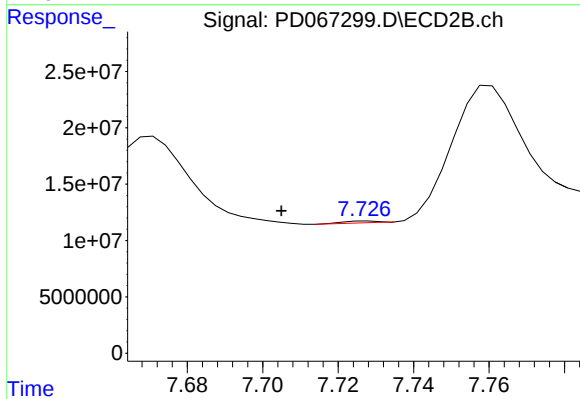
#20 Methoxychlor

R.T.: 7.558 min
Delta R.T.: 0.001 min
Response: 12257120
Conc: 3.81 ng/ml



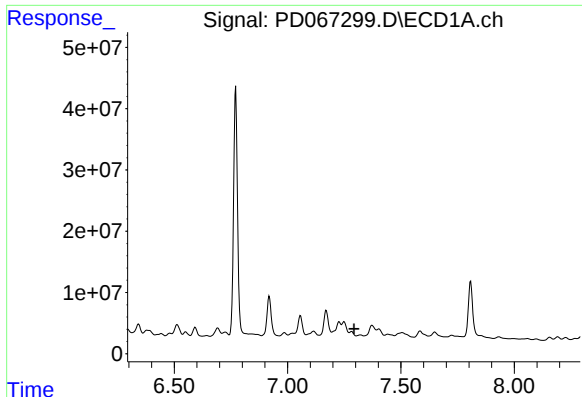
#21 Endrin ketone

R.T.: 7.115 min
Delta R.T.: 0.002 min
Response: 9170720
Conc: 4.05 ng/ml



#21 Endrin ketone

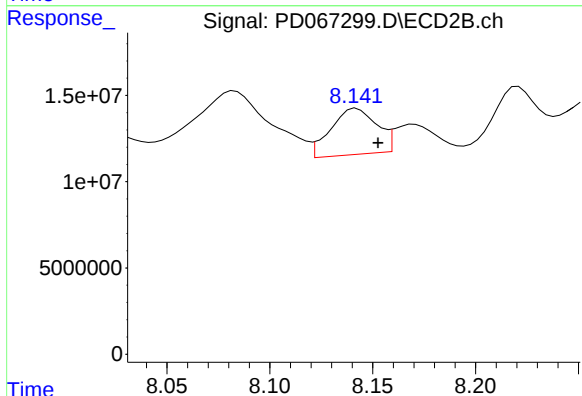
R.T.: 7.728 min
Delta R.T.: 0.023 min
Response: 960517
Conc: 0.13 ng/ml



#22 Mirex

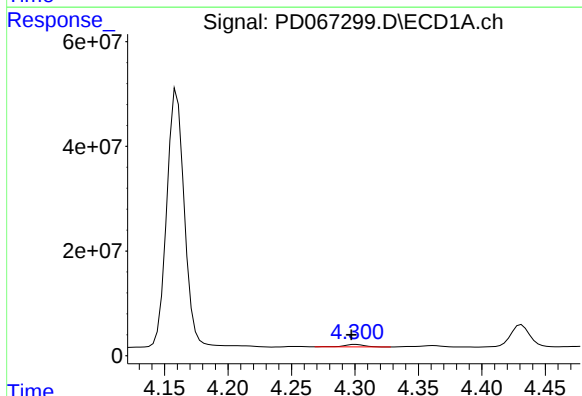
R.T.: 7.283 min
Delta R.T.: -0.011 min
Response: -3915950
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



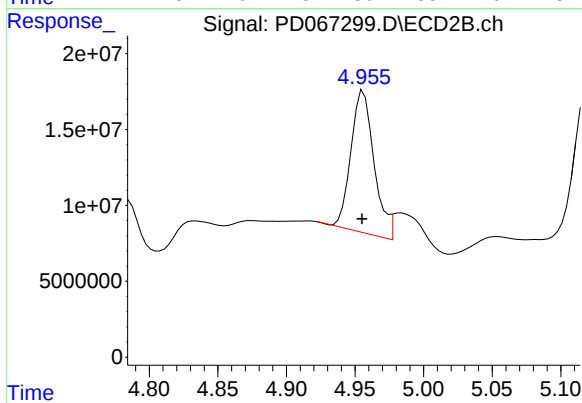
#22 Mirex

R.T.: 8.142 min
Delta R.T.: -0.010 min
Response: 41422889
Conc: 8.46 ng/ml



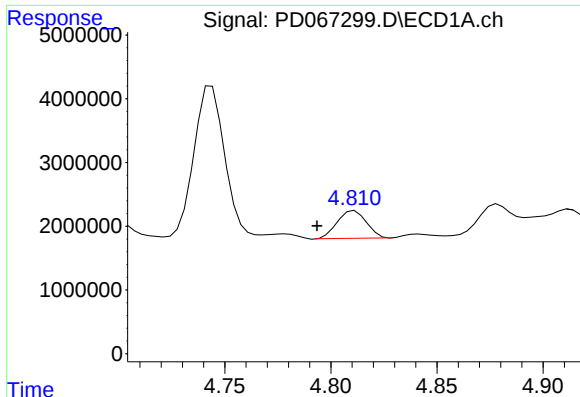
#23 Chlordane-1

R.T.: 4.301 min
Delta R.T.: 0.004 min
Response: 5341986
Conc: 65.95 ng/ml



#23 Chlordane-1

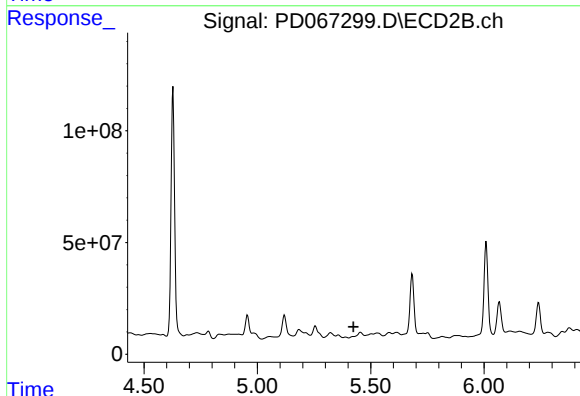
R.T.: 4.956 min
Delta R.T.: 0.001 min
Response: 109969729
Conc: 437.40 ng/ml



#24 Chlordane-2

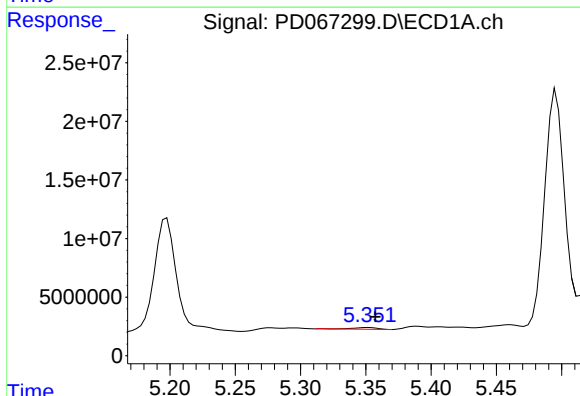
R.T.: 4.811 min
Delta R.T.: 0.018 min
Response: 4125920
Conc: 43.36 ng/ml

Instrument :
ECD_D
ClientSampleId :



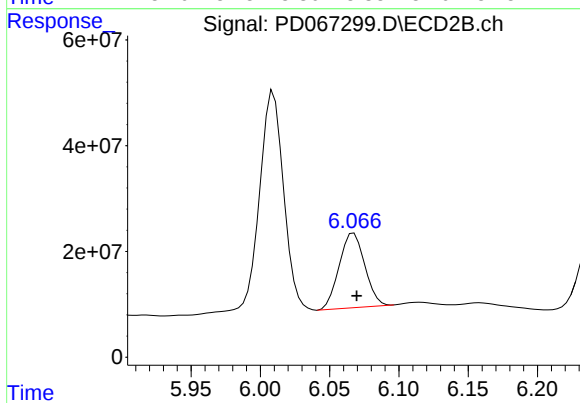
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



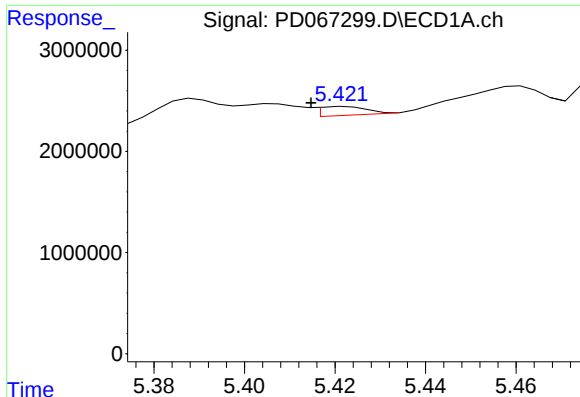
#25 Chlordane-3

R.T.: 5.352 min
Delta R.T.: -0.005 min
Response: 1879867
Conc: 6.83 ng/ml



#25 Chlordane-3

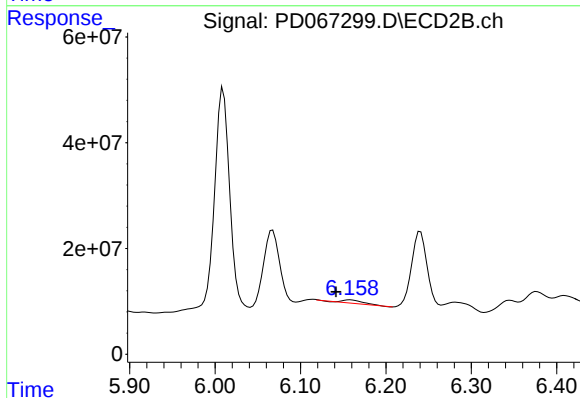
R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 181105974
Conc: 189.59 ng/ml



#26 Chlordane-4

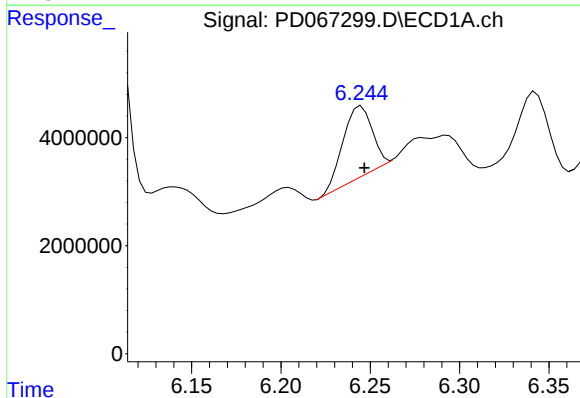
R.T.: 5.422 min
Delta R.T.: 0.008 min
Response: 622249
Conc: 2.73 ng/ml

Instrument :
ECD_D
ClientSampleId :



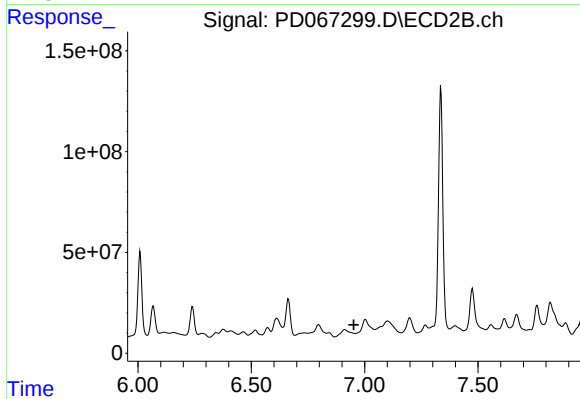
#26 Chlordane-4

R.T.: 6.158 min
Delta R.T.: 0.017 min
Response: 11176749
Conc: 10.05 ng/ml



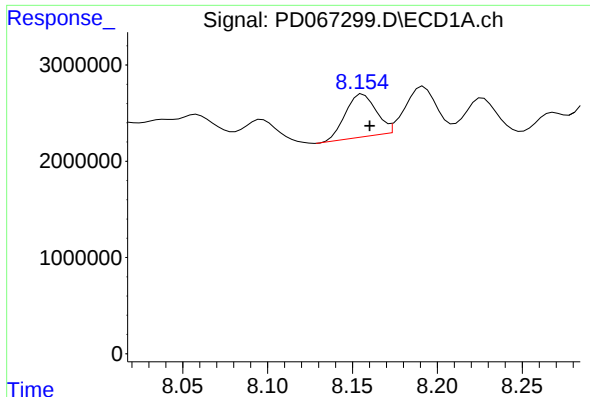
#27 Chlordane-5

R.T.: 6.245 min
Delta R.T.: -0.002 min
Response: 14704665
Conc: 161.83 ng/ml



#27 Chlordane-5

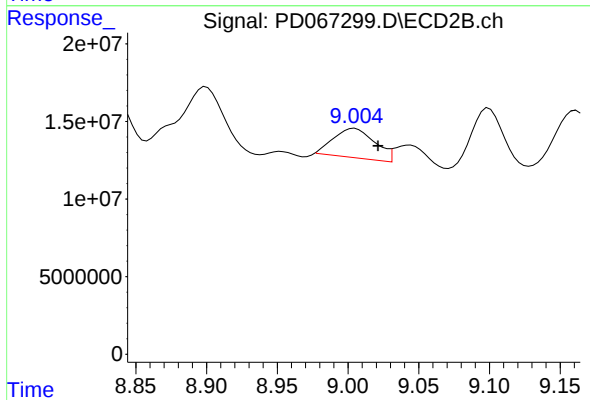
R.T.: 0.000 min
Exp R.T. : 6.952 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.156 min
Delta R.T.: -0.004 min
Response: 5548188
Conc: 4.90 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.005 min
Delta R.T.: -0.017 min
Response: 38437216
Conc: 7.65 ng/ml