

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102025\
 Data File : PD090699.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2025 15:28
 Operator : AR\AJ
 Sample : Q3381-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 RBR200059

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 20 23:50:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.874	103.1E6	597.4E6	33.113	20.061 #
28)	SA Decachlor...	9.067	8.061	86029199	409.4E6	18.390	13.515 #
Target Compounds							
2)	A alpha-BHC	3.969f	3.395	656231	2668462	0.091	0.052 #
3)	MA gamma-BHC...	4.299f	3.726	25501	9698119	0.004	0.205 #
4)	MA Heptachlor	4.942f	0.000	3034412	0	0.543	N.D. #
5)	MB Aldrin	5.252	4.357	2302766	21195206	0.352	0.458 #
6)	B beta-BHC	4.487f	4.032	5802120	45097570	2.215	2.274
7)	B delta-BHC	4.771	4.247	3291500	8773949	0.487	0.184 #
8)	B Heptachlo...	5.683	4.864	2644303	23275571	0.457	0.546
9)	A Endosulfan I	6.095f	5.260f	7537420	171.1E6	1.361	4.344 #
10)	B gamma-Chl...	5.941	5.142f	5448937	289.7E6	0.919	6.445 #
11)	B alpha-Chl...	6.028	5.181	21595105	256.5E6	3.494	5.947 #
12)	B 4,4'-DDE	6.196	5.368	-1343623	39003093	N.D.	0.890
13)	MA Dieldrin	6.345	5.505	534162	183.8E6	0.092	4.161 #
14)	MA Endrin	6.573	5.785	3423456	14108368	0.691	0.348 #
15)	B Endosulfa...	6.775	6.078	662125	51413639	0.132	1.369 #
16)	A 4,4'-DDD	6.682f	5.928	4910545	-21813248	1.211	N.D. #
17)	MA 4,4'-DDT	7.016	6.173	5034692	60791470	1.225	1.733 #
18)	B Endrin al...	6.920	6.265	4096521	6033173	1.118	0.218 #
21)	B Endrin ke...	7.593f	0.000	8910010	0	1.834	N.D. #
23)	Chlordane-1	4.684f	3.893	-373343	89972570	N.D.	72.193
24)	Chlordane-2	5.252	4.497	2302766	4796390	11.923	3.677 #
25)	Chlordane-3	5.941	5.142f	5448937	289.7E6	7.144	74.443 #
26)	Chlordane-4	6.028	5.181	21595105	256.5E6	22.289	76.781 #
27)	Chlordane-5	6.866	6.078	3046402	51413639	20.274	34.832 #

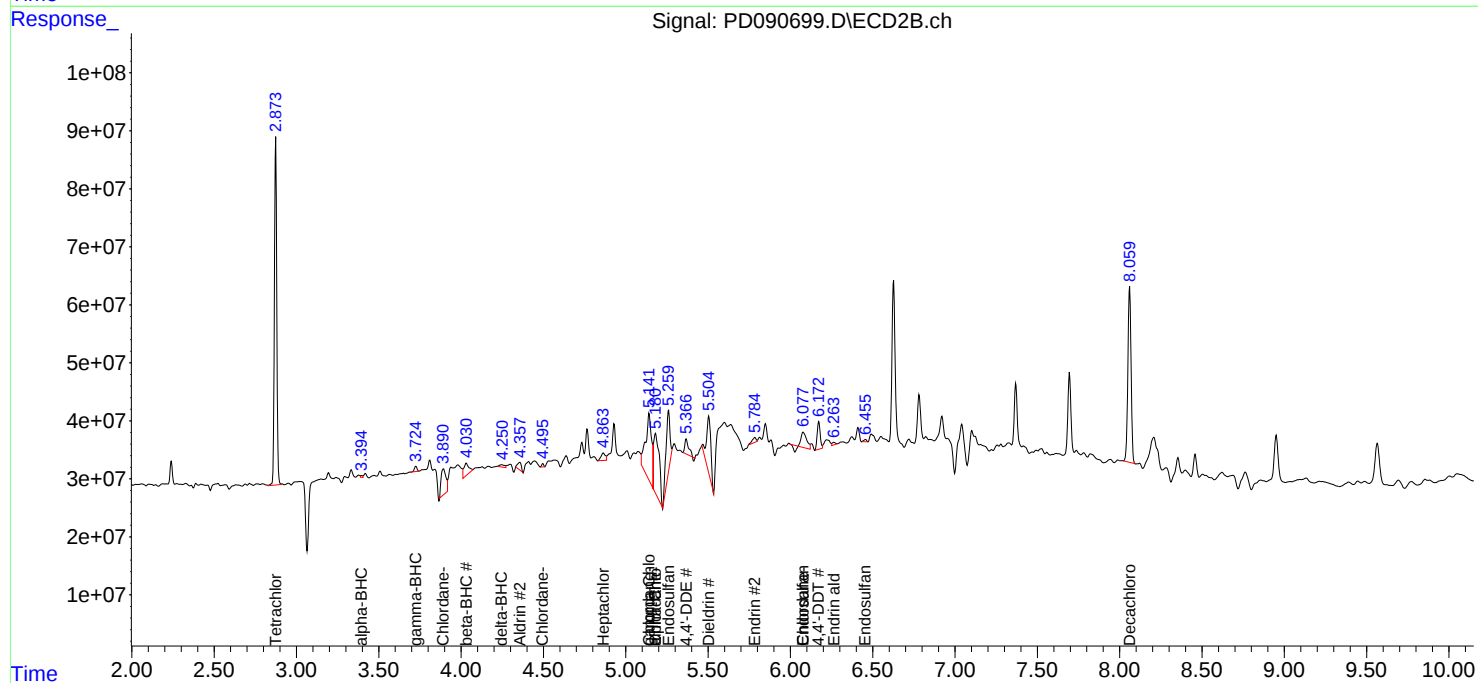
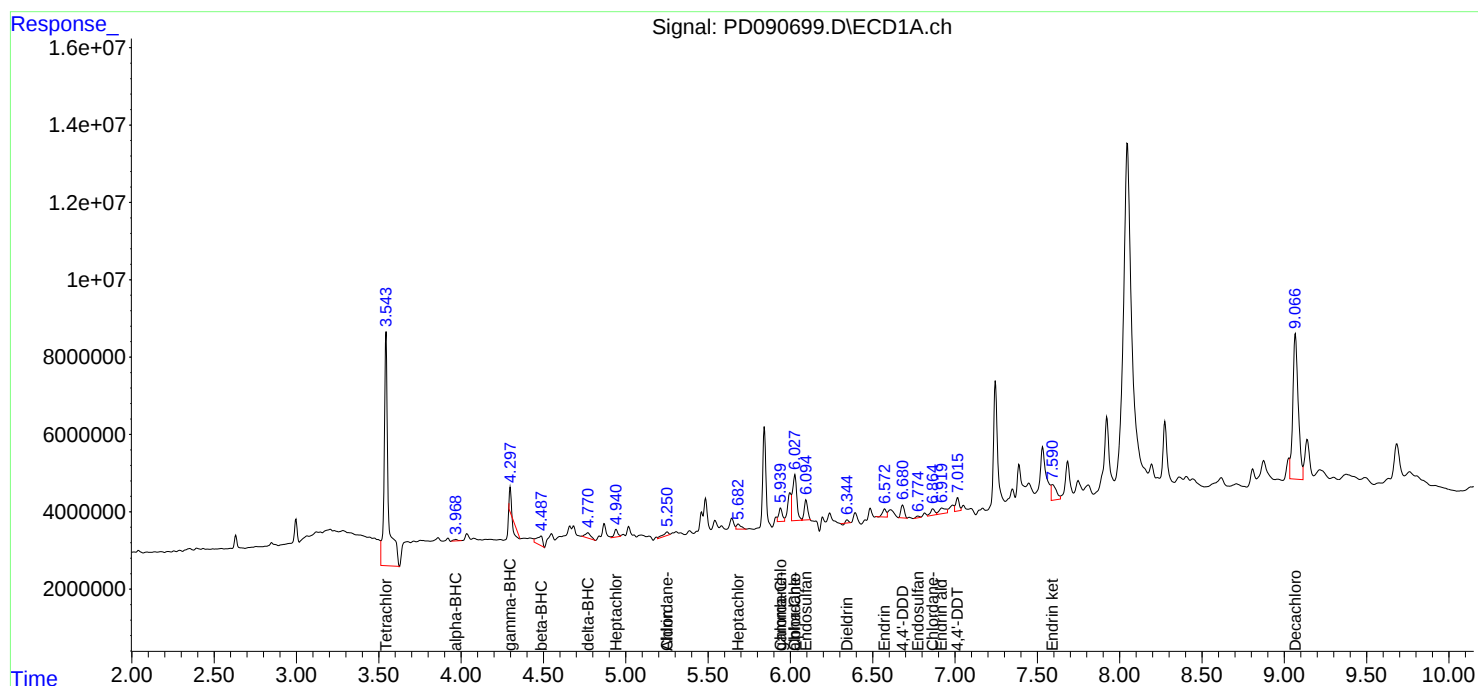
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

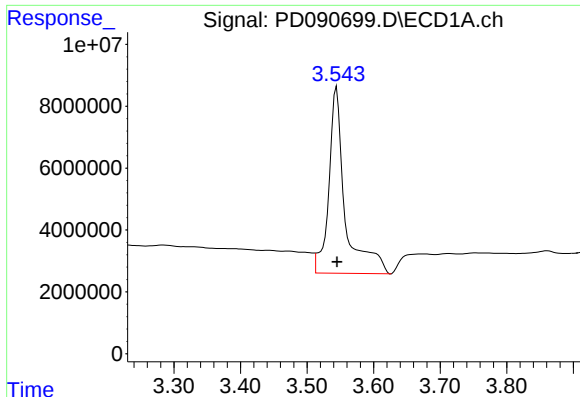
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102025\
Data File : PD090699.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Oct 2025 15:28
Operator : AR\AJ
Sample : Q3381-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RBR200059

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 23:50:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

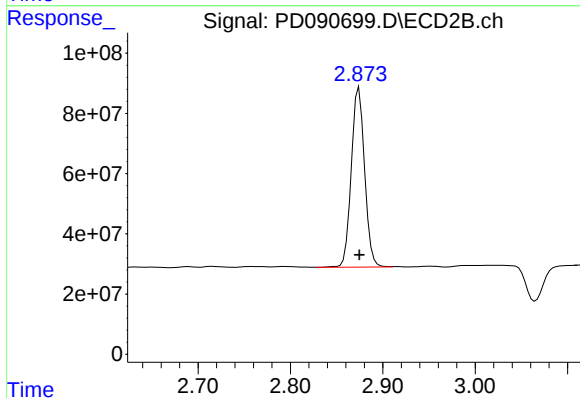




#1 Tetrachloro-m-xylene

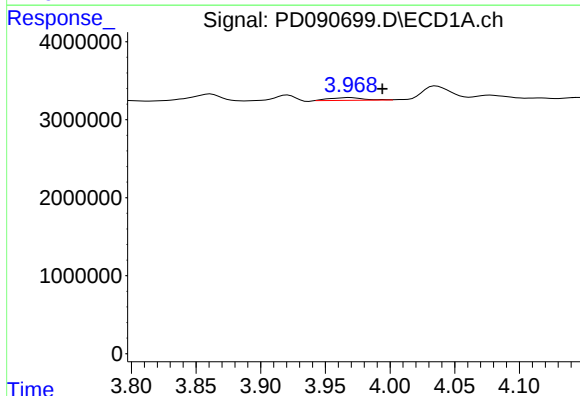
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 103118060
Conc: 33.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR200059



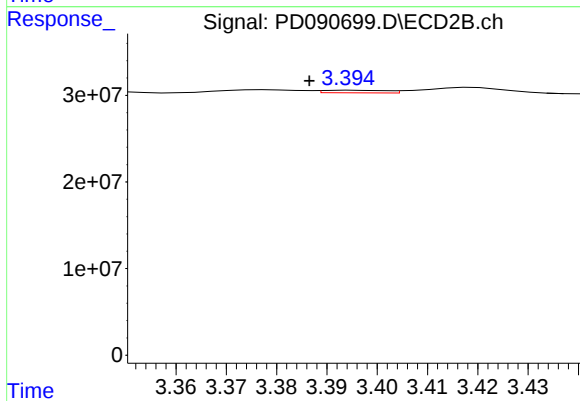
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 597352671
Conc: 20.06 ng/ml



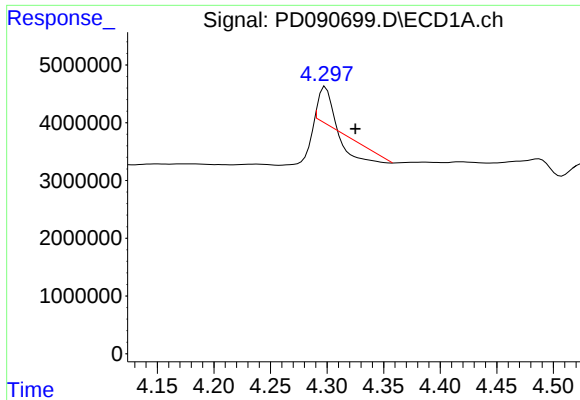
#2 alpha-BHC

R.T.: 3.969 min
Delta R.T.: -0.025 min
Response: 656231
Conc: 0.09 ng/ml



#2 alpha-BHC

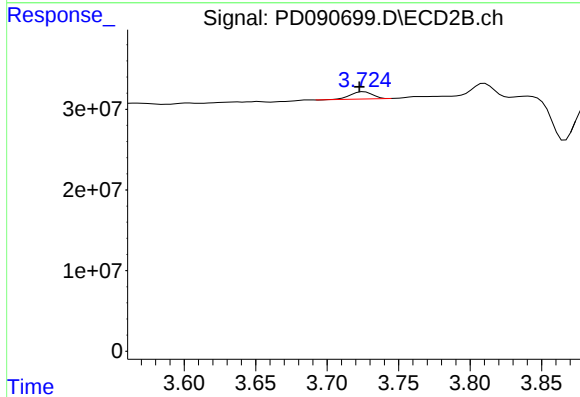
R.T.: 3.395 min
Delta R.T.: 0.008 min
Response: 2668462
Conc: 0.05 ng/ml



#3 gamma-BHC (Lindane)

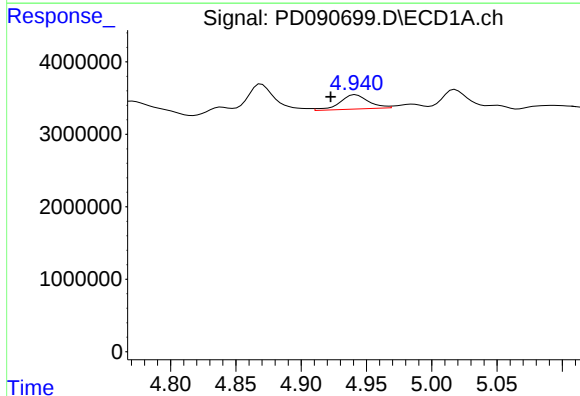
R.T.: 4.299 min
Delta R.T.: -0.026 min
Response: 25501
Conc: 0.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR200059



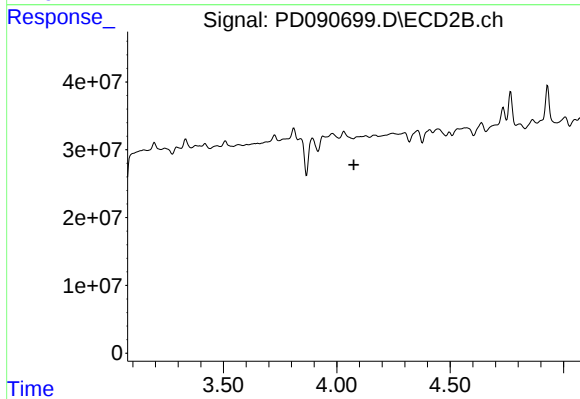
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.003 min
Response: 9698119
Conc: 0.21 ng/ml



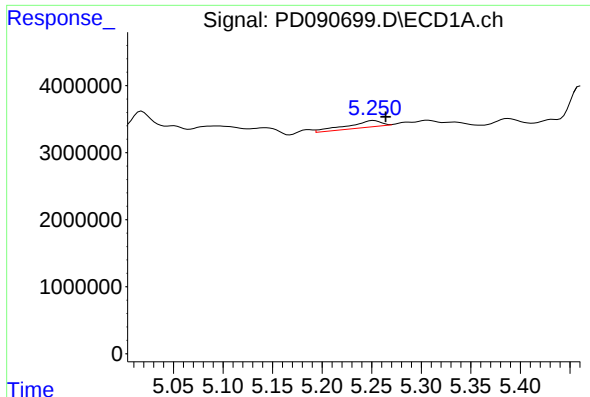
#4 Heptachlor

R.T.: 4.942 min
Delta R.T.: 0.019 min
Response: 3034412
Conc: 0.54 ng/ml



#4 Heptachlor

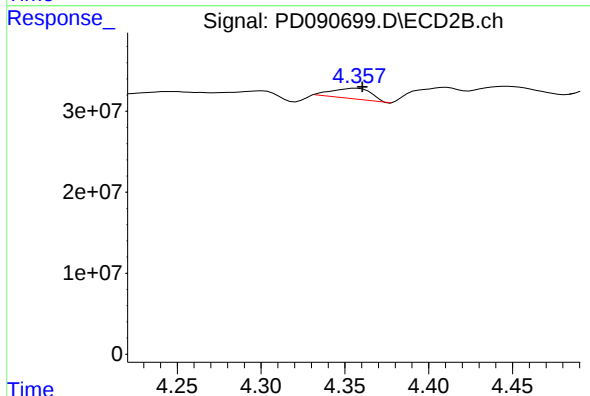
R.T.: 0.000 min
Exp R.T. : 4.075 min
Response: 0
Conc: N.D.



#5 Aldrin

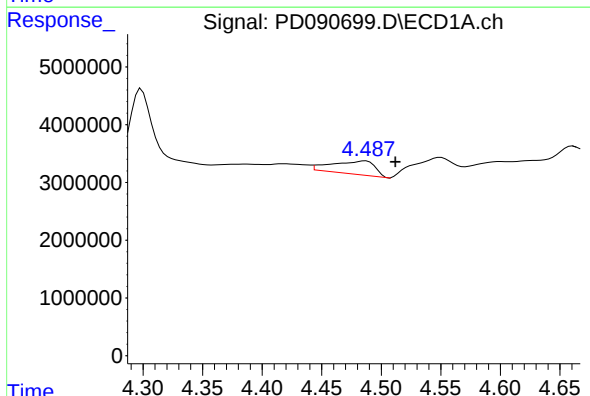
R.T.: 5.252 min
Delta R.T.: -0.012 min
Response: 2302766
Conc: 0.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR200059



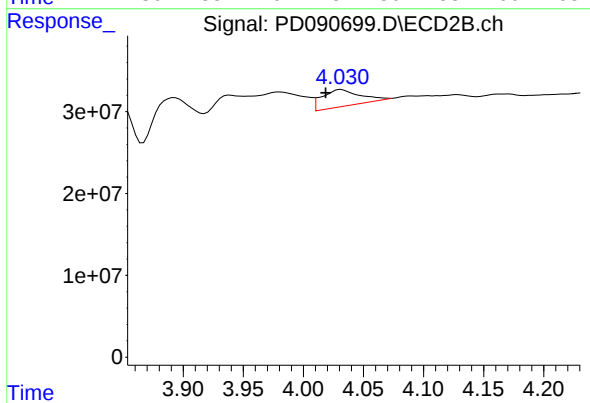
#5 Aldrin

R.T.: 4.357 min
Delta R.T.: -0.004 min
Response: 21195206
Conc: 0.46 ng/ml



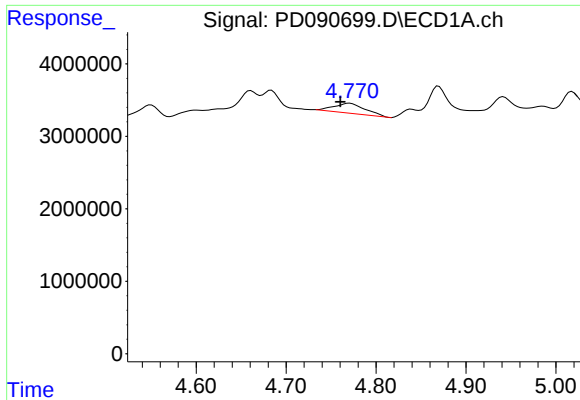
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: -0.025 min
Response: 5802120
Conc: 2.21 ng/ml



#6 beta-BHC

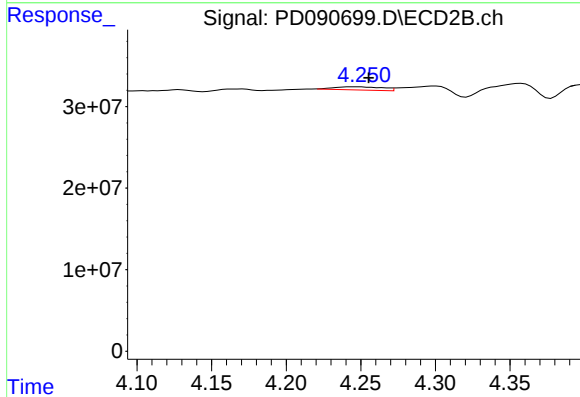
R.T.: 4.032 min
Delta R.T.: 0.013 min
Response: 45097570
Conc: 2.27 ng/ml



#7 delta-BHC

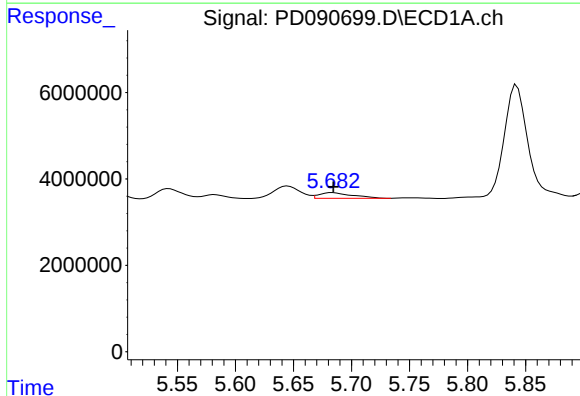
R.T.: 4.771 min
Delta R.T.: 0.011 min
Response: 3291500
Conc: 0.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR200059



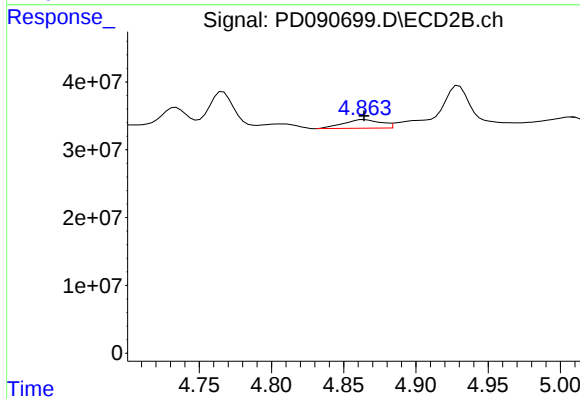
#7 delta-BHC

R.T.: 4.247 min
Delta R.T.: -0.009 min
Response: 8773949
Conc: 0.18 ng/ml



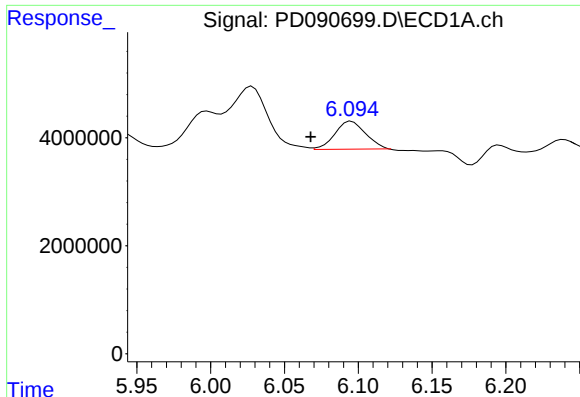
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 2644303
Conc: 0.46 ng/ml



#8 Heptachlor epoxide

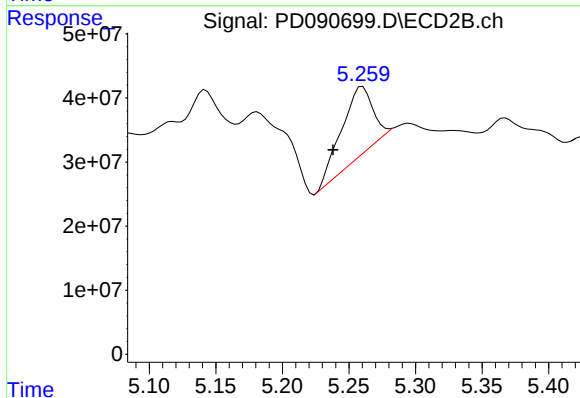
R.T.: 4.864 min
Delta R.T.: 0.000 min
Response: 23275571
Conc: 0.55 ng/ml



#9 Endosulfan I

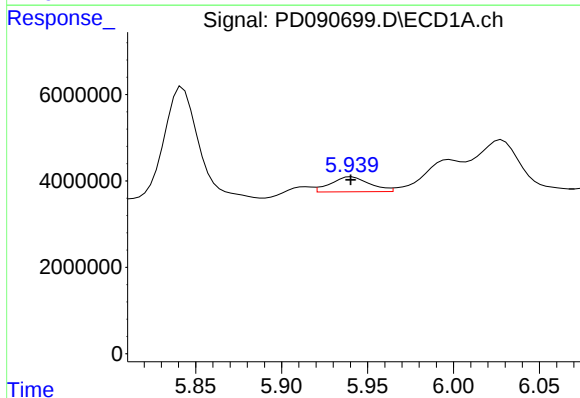
R.T.: 6.095 min
Delta R.T.: 0.027 min
Response: 7537420
Conc: 1.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR200059



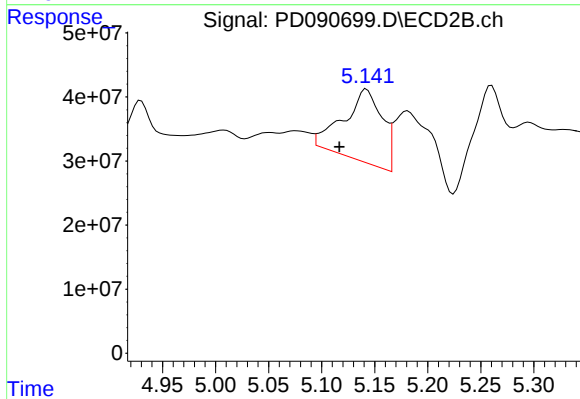
#9 Endosulfan I

R.T.: 5.260 min
Delta R.T.: 0.022 min
Response: 171114416
Conc: 4.34 ng/ml



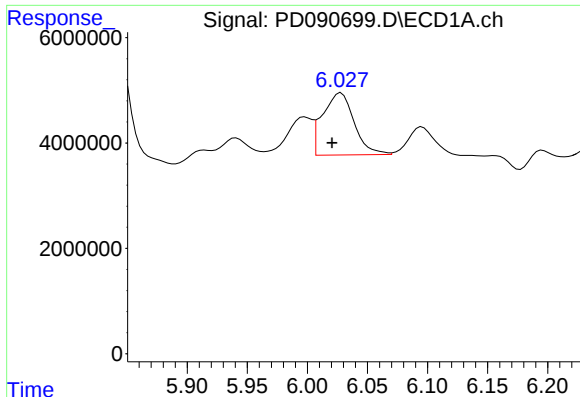
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 5448937
Conc: 0.92 ng/ml



#10 gamma-Chlordane

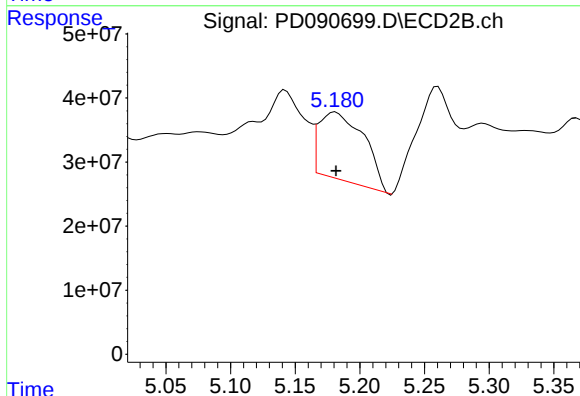
R.T.: 5.142 min
Delta R.T.: 0.026 min
Response: 289700817
Conc: 6.45 ng/ml



#11 alpha-Chlordane

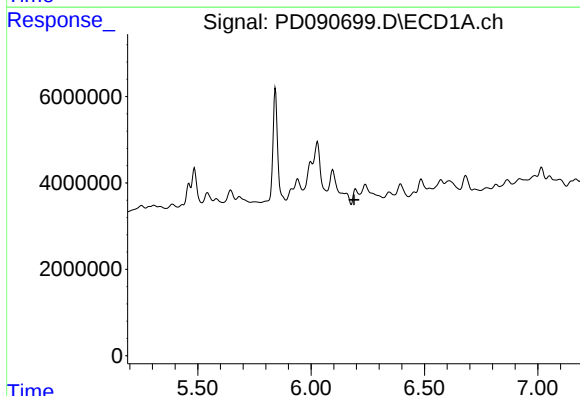
R.T.: 6.028 min
Delta R.T.: 0.007 min
Response: 21595105
Conc: 3.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR200059



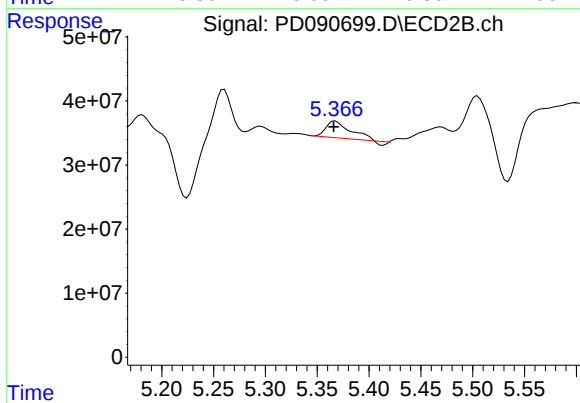
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 256543406
Conc: 5.95 ng/ml



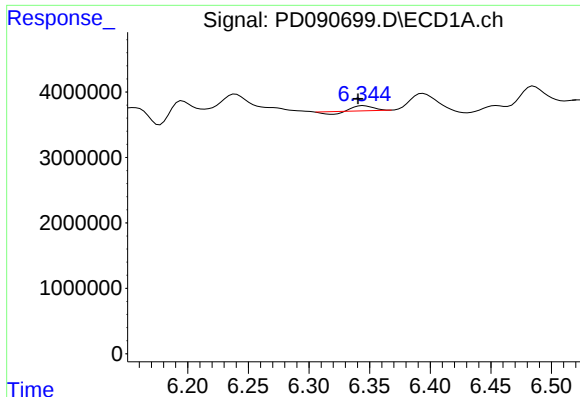
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.006 min
Response: -1343623
Conc: N.D.



#12 4,4'-DDE

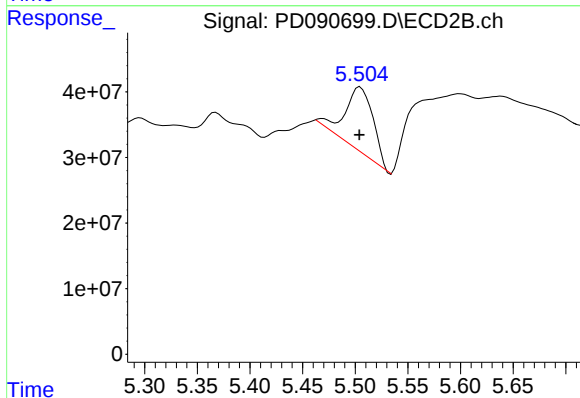
R.T.: 5.368 min
Delta R.T.: 0.002 min
Response: 39003093
Conc: 0.89 ng/ml



#13 Dieldrin

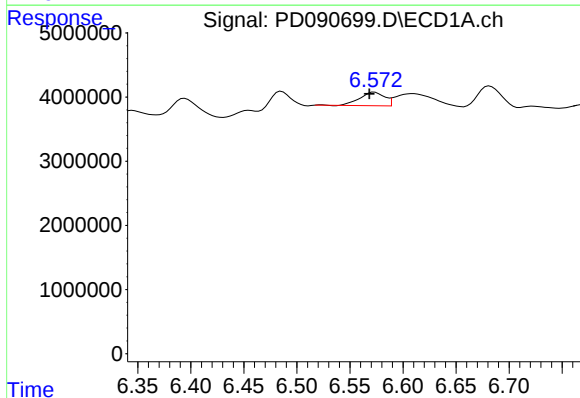
R.T.: 6.345 min
Delta R.T.: 0.004 min
Response: 534162
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR200059



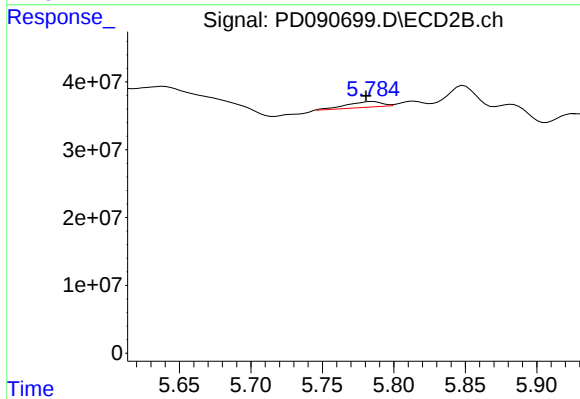
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 183836541
Conc: 4.16 ng/ml



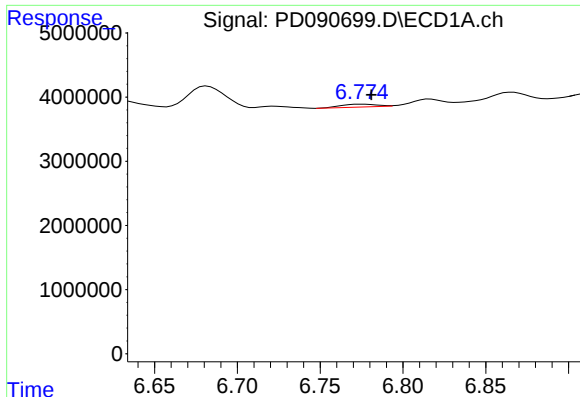
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.005 min
Response: 3423456
Conc: 0.69 ng/ml



#14 Endrin

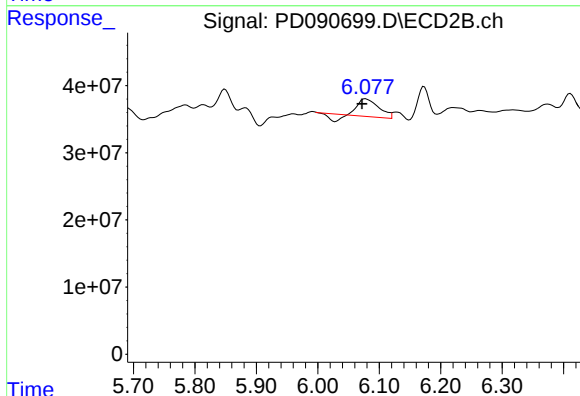
R.T.: 5.785 min
Delta R.T.: 0.005 min
Response: 14108368
Conc: 0.35 ng/ml



#15 Endosulfan II

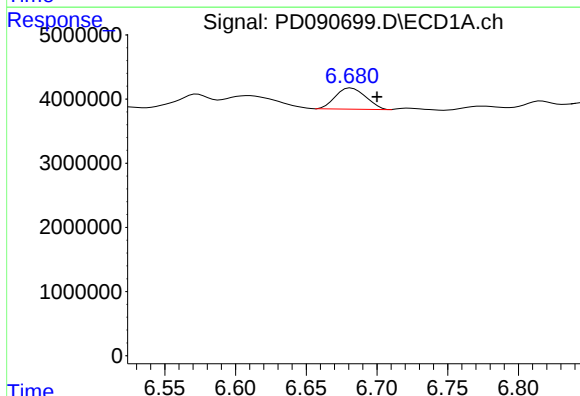
R.T.: 6.775 min
Delta R.T.: -0.006 min
Response: 662125
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR200059



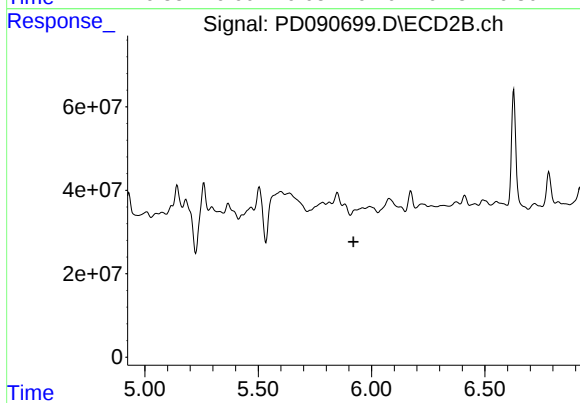
#15 Endosulfan II

R.T.: 6.078 min
Delta R.T.: 0.006 min
Response: 51413639
Conc: 1.37 ng/ml



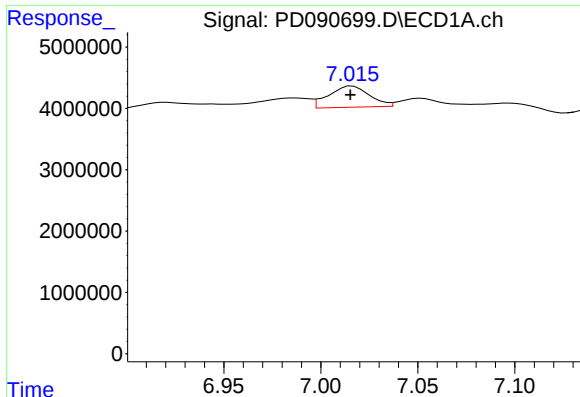
#16 4,4'-DDD

R.T.: 6.682 min
Delta R.T.: -0.018 min
Response: 4910545
Conc: 1.21 ng/ml



#16 4,4'-DDD

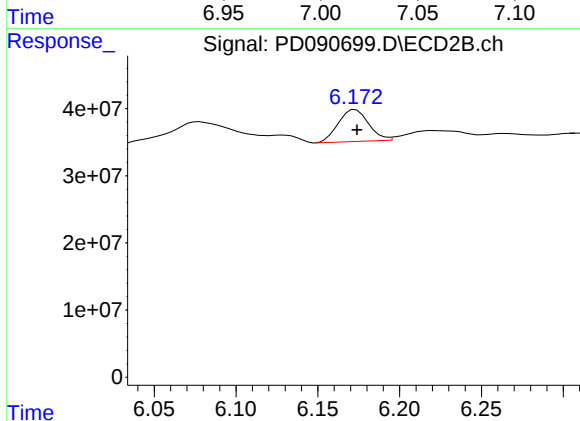
R.T.: 5.928 min
Delta R.T.: 0.007 min
Response: -21813248
Conc: N.D.



#17 4,4'-DDT

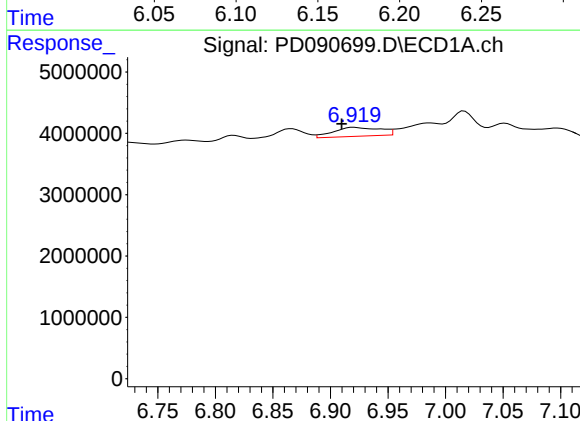
R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 5034692
Conc: 1.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR200059



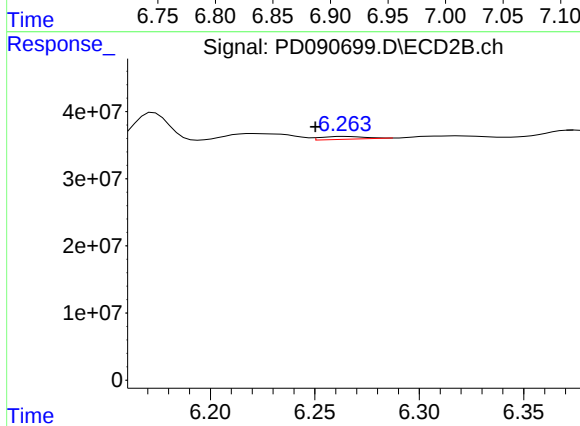
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 60791470
Conc: 1.73 ng/ml



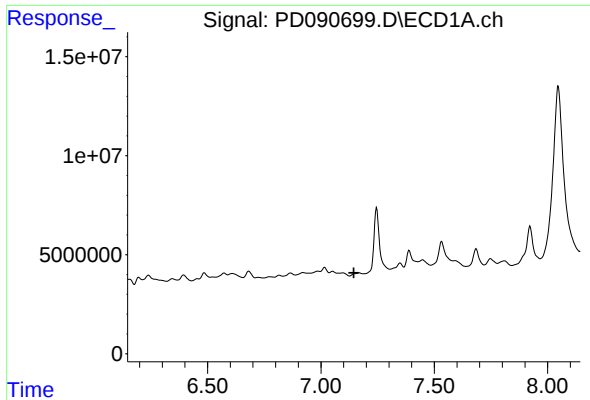
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: 0.010 min
Response: 4096521
Conc: 1.12 ng/ml



#18 Endrin aldehyde

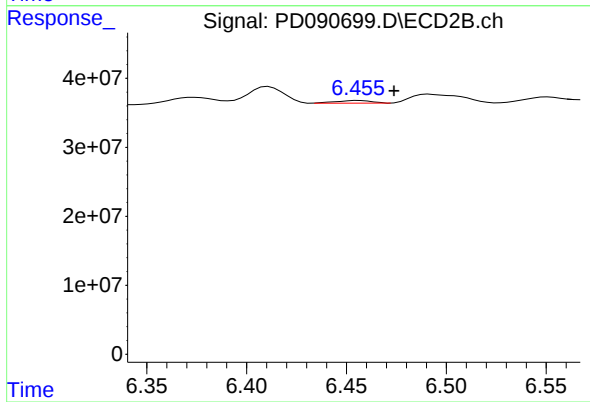
R.T.: 6.265 min
Delta R.T.: 0.014 min
Response: 6033173
Conc: 0.22 ng/ml



#19 Endosulfan Sulfate

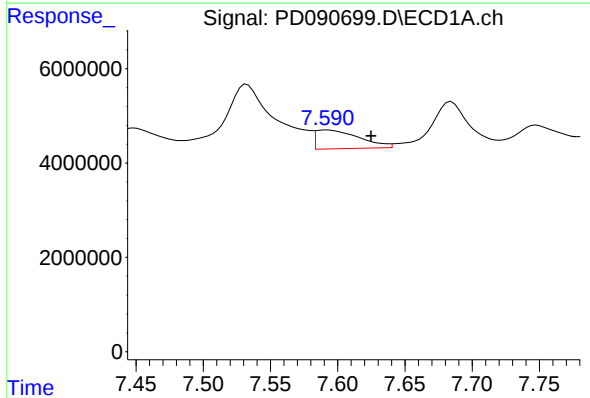
R.T.: 7.168 min
Delta R.T.: 0.024 min
Response: -1391177
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
RBR200059



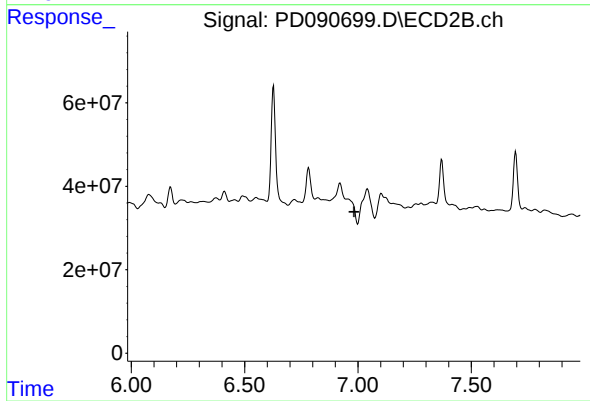
#19 Endosulfan Sulfate

R.T.: 6.456 min
Delta R.T.: -0.018 min
Response: 4870819
Conc: 0.14 ng/ml



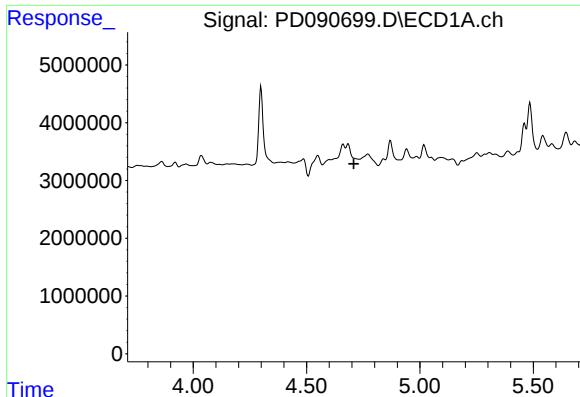
#21 Endrin ketone

R.T.: 7.593 min
Delta R.T.: -0.032 min
Response: 8910010
Conc: 1.83 ng/ml



#21 Endrin ketone

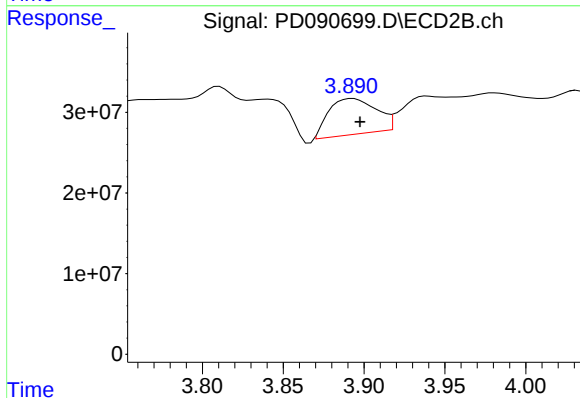
R.T.: 0.000 min
Exp R.T.: 6.983 min
Response: 0
Conc: N.D.



#23 Chlordane-1

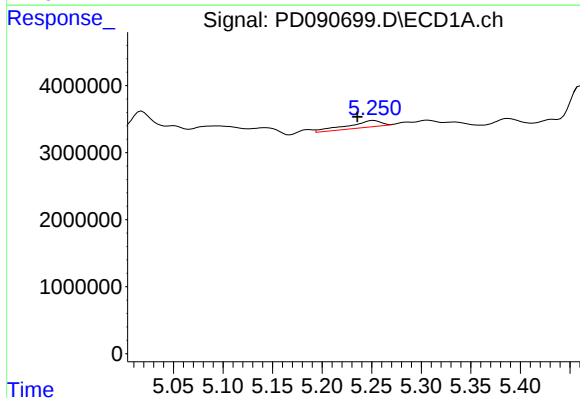
R.T.: 4.684 min
Delta R.T.: -0.025 min
Response: -373343
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
RBR200059



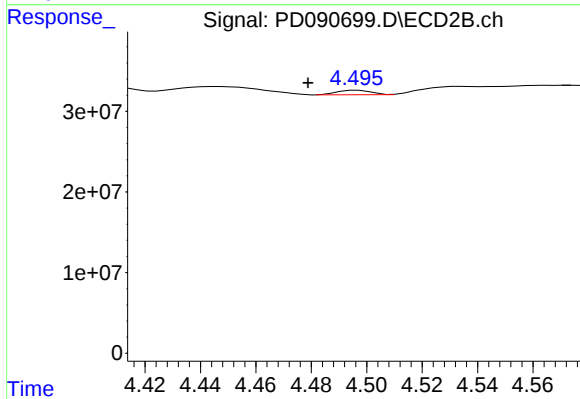
#23 Chlordane-1

R.T.: 3.893 min
Delta R.T.: -0.004 min
Response: 89972570
Conc: 72.19 ng/ml



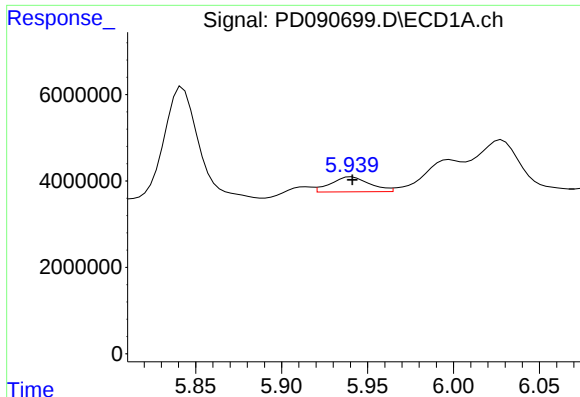
#24 Chlordane-2

R.T.: 5.252 min
Delta R.T.: 0.016 min
Response: 2302766
Conc: 11.92 ng/ml



#24 Chlordane-2

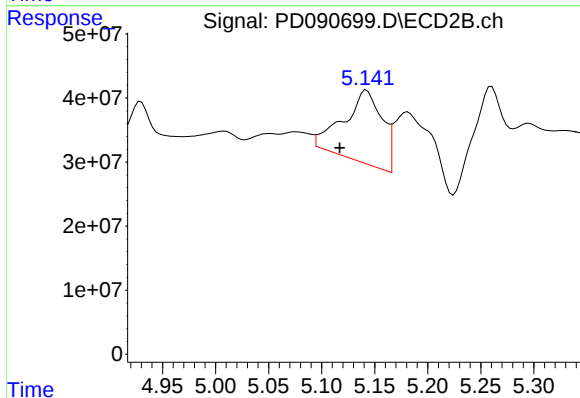
R.T.: 4.497 min
Delta R.T.: 0.018 min
Response: 4796390
Conc: 3.68 ng/ml



#25 Chlordane-3

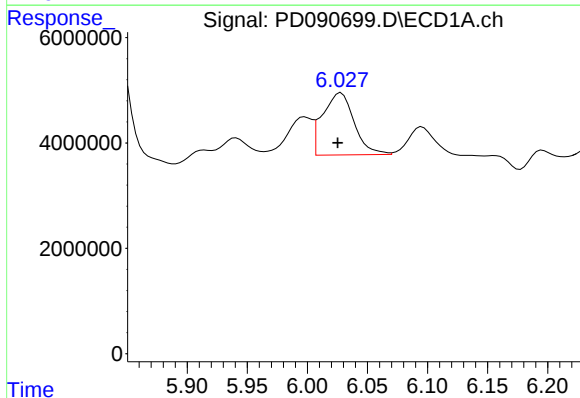
R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 5448937
Conc: 7.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR200059



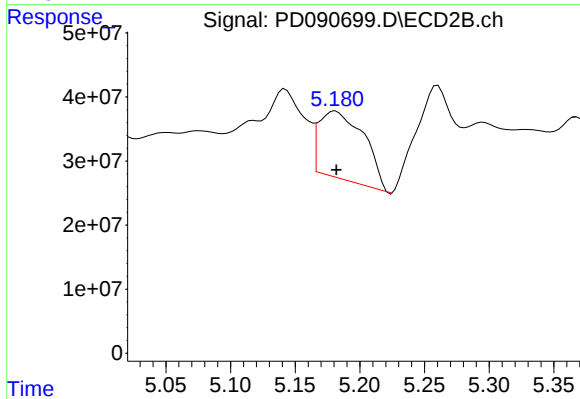
#25 Chlordane-3

R.T.: 5.142 min
Delta R.T.: 0.025 min
Response: 289700817
Conc: 74.44 ng/ml



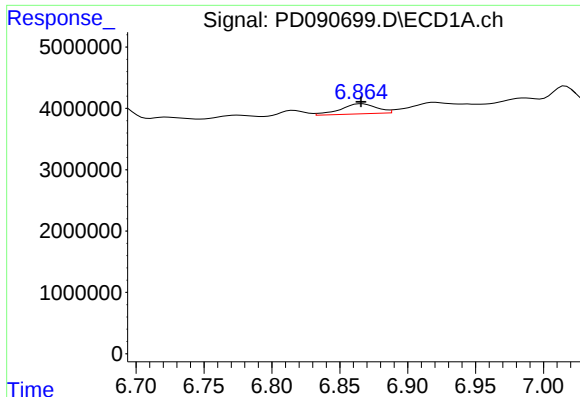
#26 Chlordane-4

R.T.: 6.028 min
Delta R.T.: 0.003 min
Response: 21595105
Conc: 22.29 ng/ml



#26 Chlordane-4

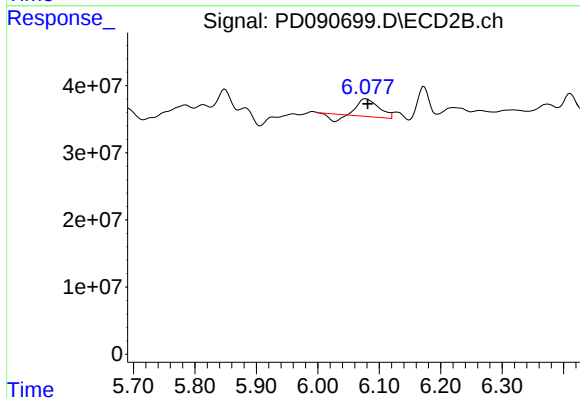
R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 256543406
Conc: 76.78 ng/ml



#27 Chlordane-5

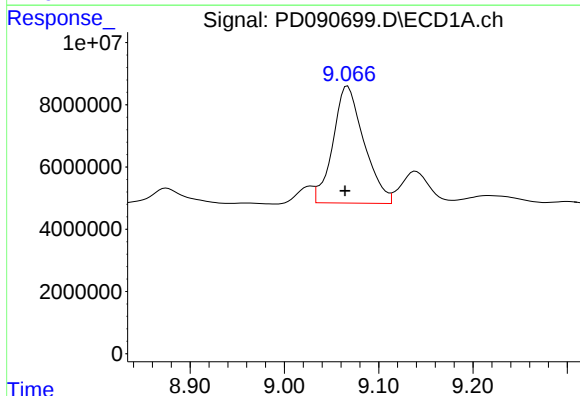
R.T.: 6.866 min
Delta R.T.: 0.000 min
Response: 3046402
Conc: 20.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR200059



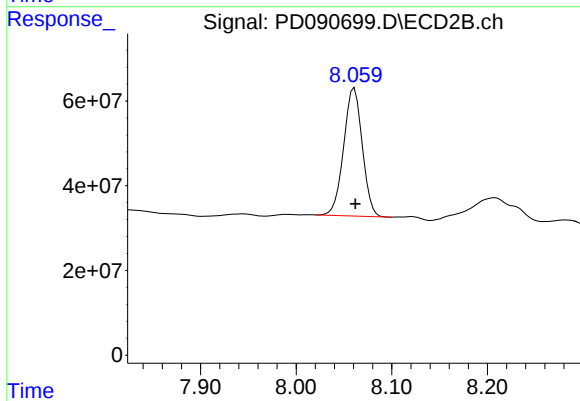
#27 Chlordane-5

R.T.: 6.078 min
Delta R.T.: -0.003 min
Response: 51413639
Conc: 34.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.003 min
Response: 86029199
Conc: 18.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 409391700
Conc: 13.52 ng/ml