

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
 Data File : PD091265.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2025 09:19
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 12:43:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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...	3.541	2.871	63743748	714.6E6	18.484	19.507
28)	SA Decachlor...	9.059	8.054	88950302	816.4E6	17.855	20.628
Target Compounds							
2)	A alpha-BHC	3.990	3.382	62018917	598.5E6	7.757	9.470
3)	MA gamma-BHC...	4.321	3.718	60691831	557.1E6	8.122	9.634
4)	MA Heptachlor	4.940f	4.064	1949231	4366670	0.272	0.079 #
5)	MB Aldrin	0.000	4.355	0	9727010	N.D.	0.172 #
6)	B beta-BHC	4.509	4.015	26147388	235.6E6	8.999	9.804
7)	B delta-BHC	4.768	4.251	4474216	1512998	0.602	0.026 #
8)	B Heptachlo...	5.672	4.863	3939381	11780252	0.606	0.231 #
9)	A Endosulfan I	6.099f	5.263f	60139	9993958	0.010	0.209 #
10)	B gamma-Chl...	5.905f	5.112	1589398	87183331	0.244	1.596 #
11)	B alpha-Chl...	5.991f	5.171	4911819	21462961	0.714	0.410 #
12)	B 4,4'-DDE	6.186	5.363	374878	21179070	0.065	0.396 #
13)	MA Dieldrin	6.359f	5.504	1474046	1717014	0.228	0.032 #
14)	MA Endrin	6.564	5.774	226.2E6	2213.1E6	45.571	48.970
15)	B Endosulfa...	6.797f	6.072	4735597	6934485	0.852	0.149 #
16)	A 4,4'-DDD	6.696	5.915	11099471	102.7E6	2.260	2.101
17)	MA 4,4'-DDT	7.012	6.168	390.3E6	4080.1E6	94.381	104.263
18)	B Endrin al...	6.907	6.243	2880332	29926204	0.691	0.848
19)	B Endosulfa...	0.000	6.457	0	1600023	N.D.	0.036 #
20)	A Methoxychlor	7.485	6.738	473.5E6	4161.7E6	217.776	207.553
21)	B Endrin ke...	7.621	6.976	6293265	67665077	1.117	1.328
22)	Mirex	0.000	7.161	0	6755394	N.D.	0.204 #
23)	Chlordane-1	0.000	3.889	0	1136892	N.D.	0.661 #
24)	Chlordane-2	0.000	4.478	0	34766435	N.D.	19.855 #
25)	Chlordane-3	0.000	5.112	0	87183331	N.D.	15.153 #
26)	Chlordane-4	0.000	5.171	0	21462961	N.D.	4.487 #
27)	Chlordane-5	6.855	6.072	788932	6934485	3.993	3.417

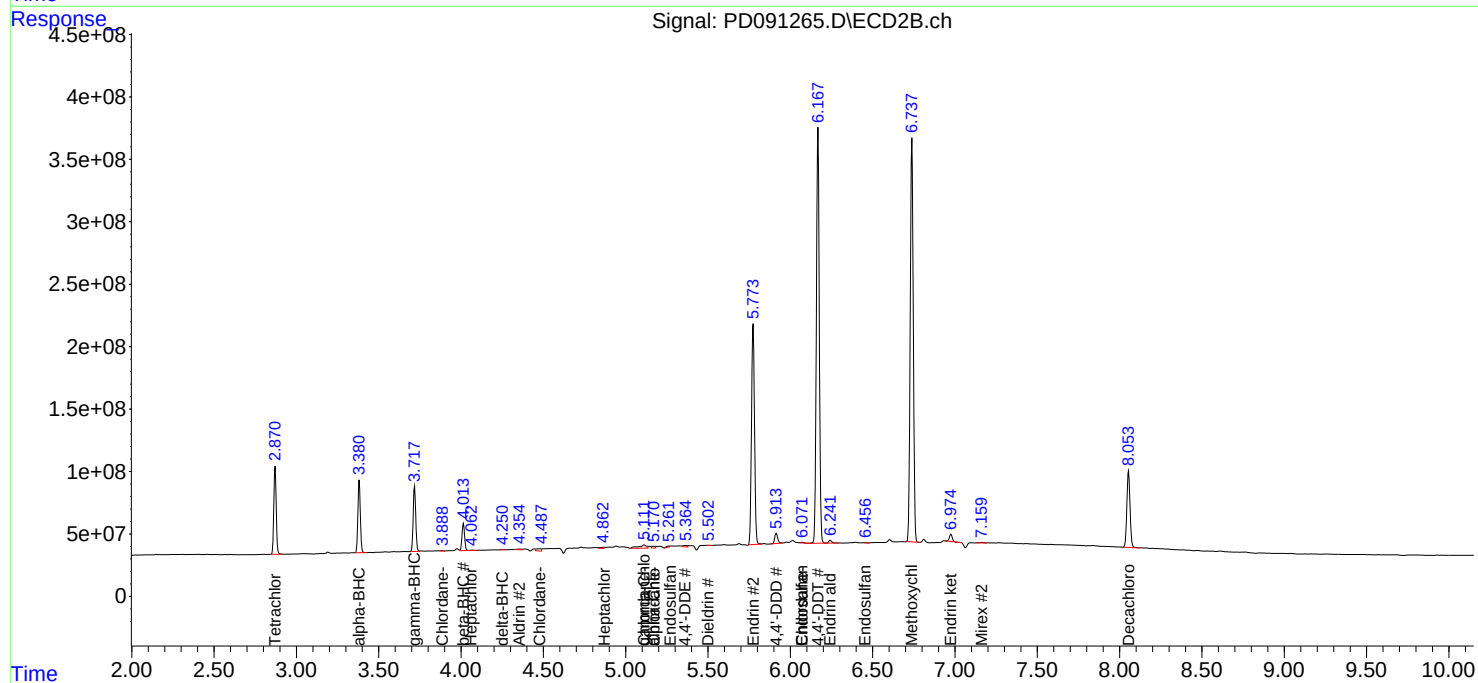
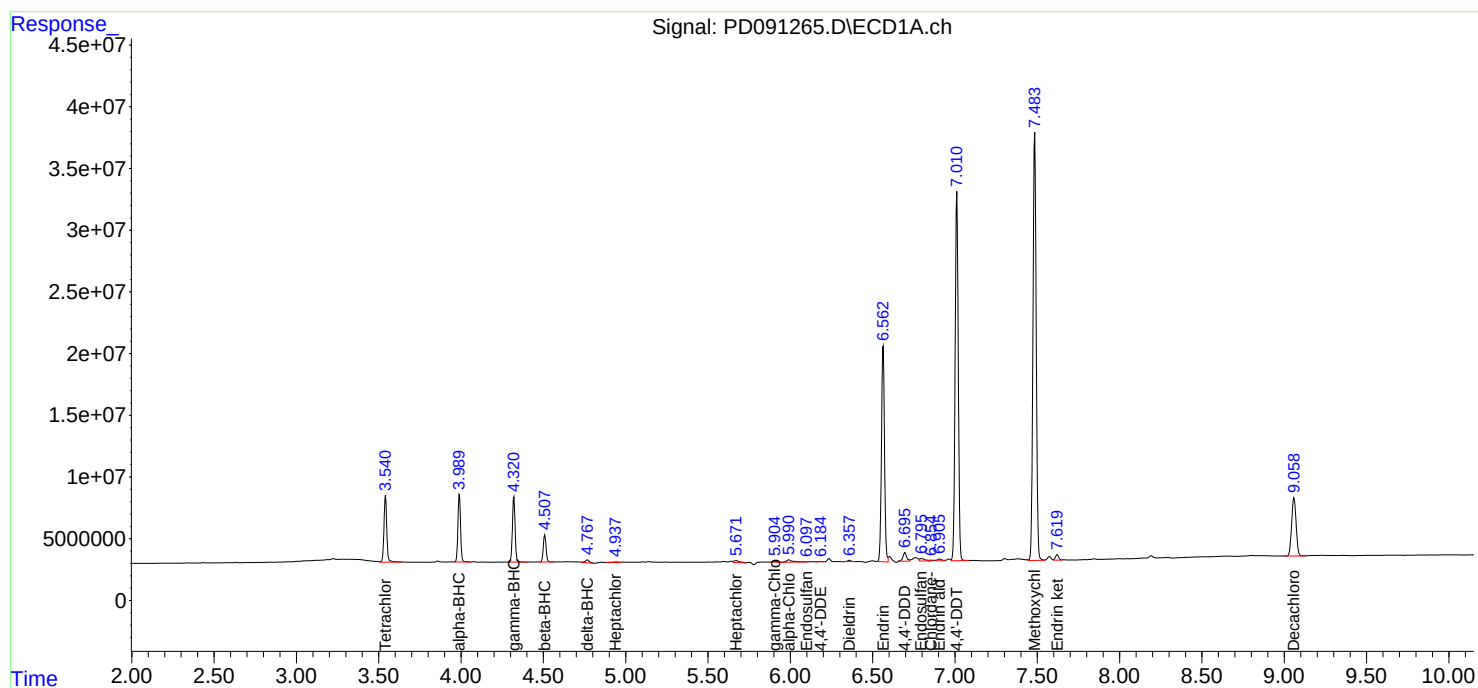
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

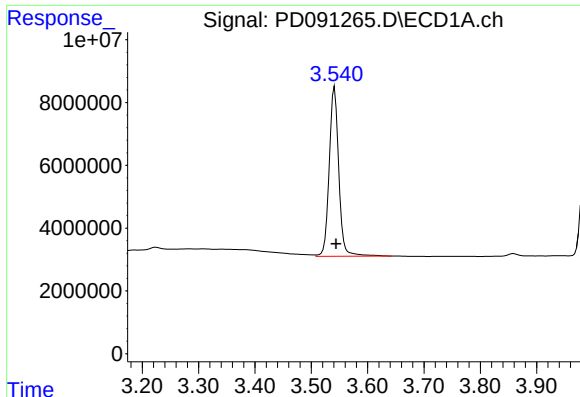
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091265.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 09:19
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 12:43:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
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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

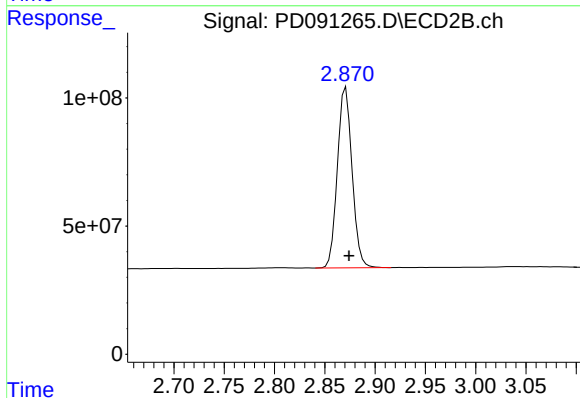




#1 Tetrachloro-m-xylene

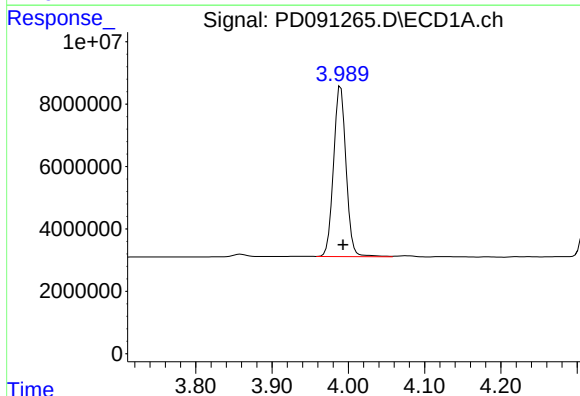
R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 63743748
Conc: 18.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



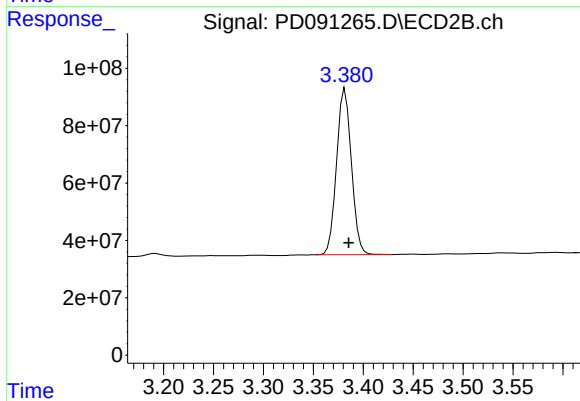
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: -0.003 min
Response: 714560970
Conc: 19.51 ng/ml



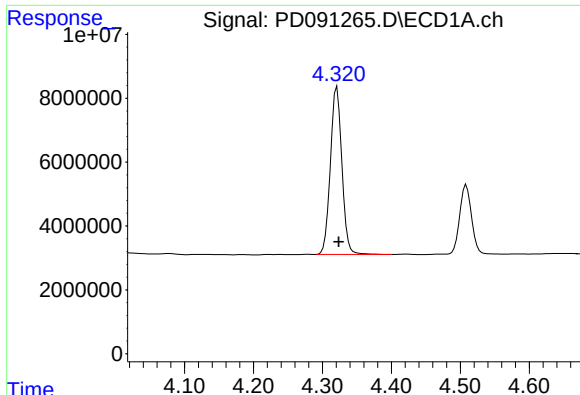
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.003 min
Response: 62018917
Conc: 7.76 ng/ml



#2 alpha-BHC

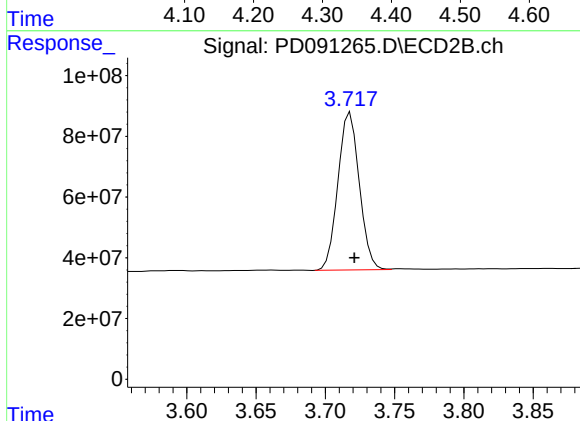
R.T.: 3.382 min
Delta R.T.: -0.003 min
Response: 598519105
Conc: 9.47 ng/ml



#3 gamma-BHC (Lindane)

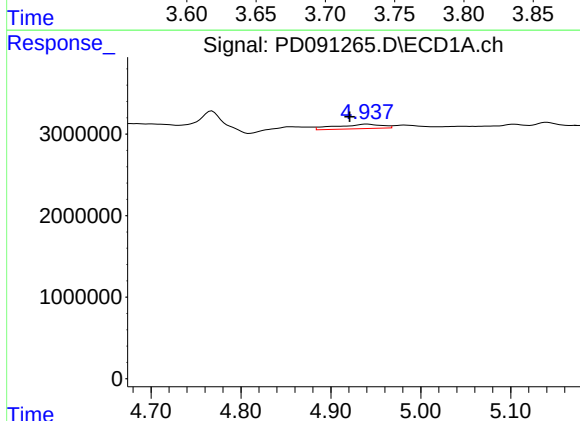
R.T.: 4.321 min
Delta R.T.: -0.003 min
Response: 60691831
Conc: 8.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



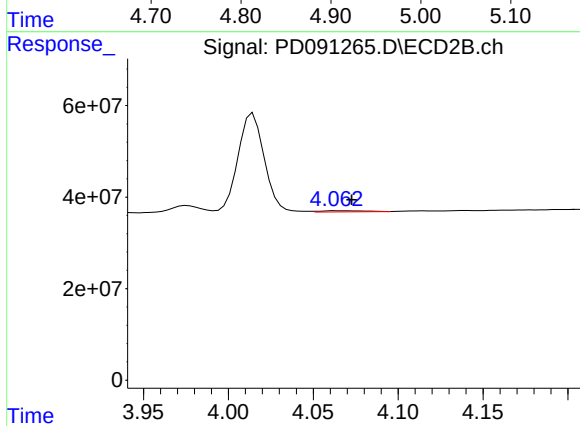
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: -0.003 min
Response: 557067986
Conc: 9.63 ng/ml



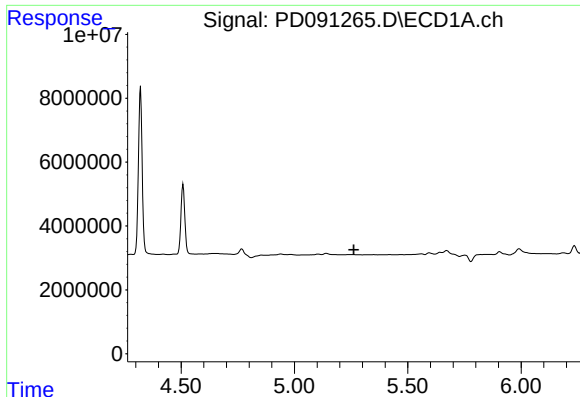
#4 Heptachlor

R.T.: 4.940 min
Delta R.T.: 0.019 min
Response: 1949231
Conc: 0.27 ng/ml



#4 Heptachlor

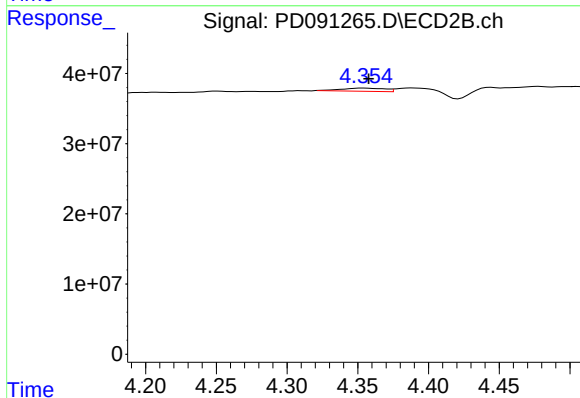
R.T.: 4.064 min
Delta R.T.: -0.009 min
Response: 4366670
Conc: 0.08 ng/ml



#5 Aldrin

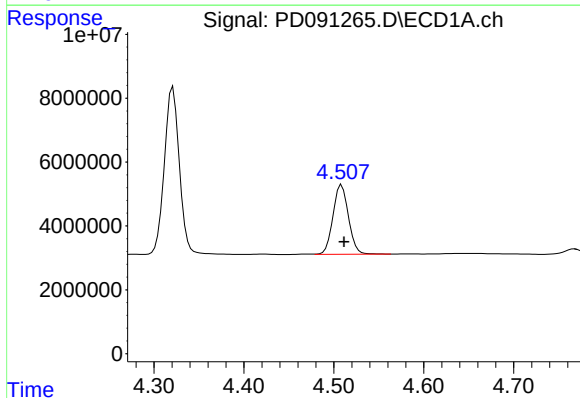
R.T.: 0.000 min
Exp R.T.: 5.262 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



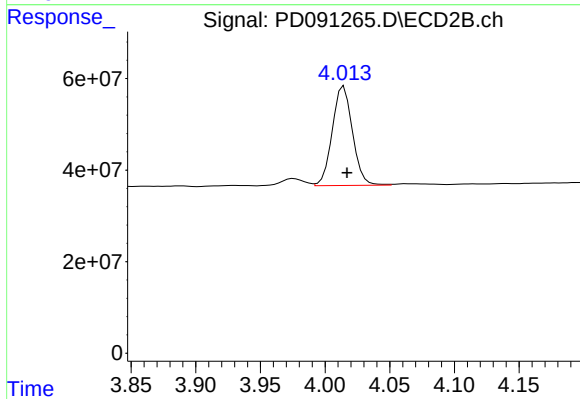
#5 Aldrin

R.T.: 4.355 min
Delta R.T.: -0.003 min
Response: 9727010
Conc: 0.17 ng/ml



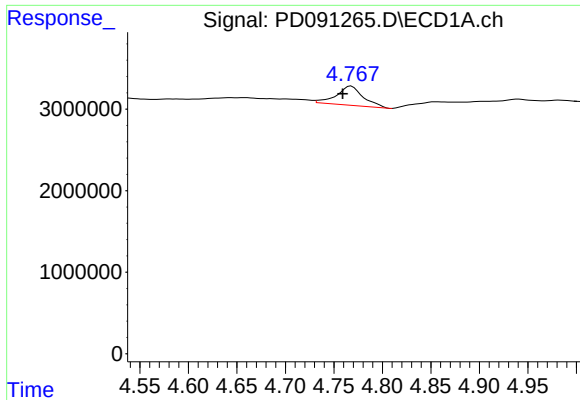
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: -0.003 min
Response: 26147388
Conc: 9.00 ng/ml



#6 beta-BHC

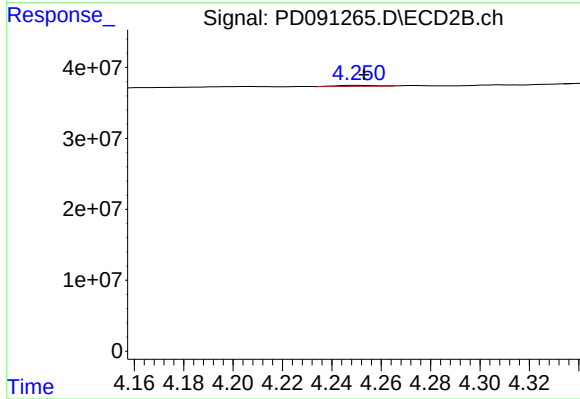
R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 235567833
Conc: 9.80 ng/ml



#7 delta-BHC

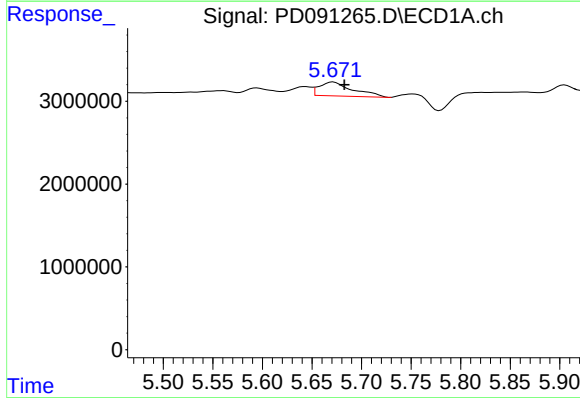
R.T.: 4.768 min
Delta R.T.: 0.009 min
Response: 4474216
Conc: 0.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



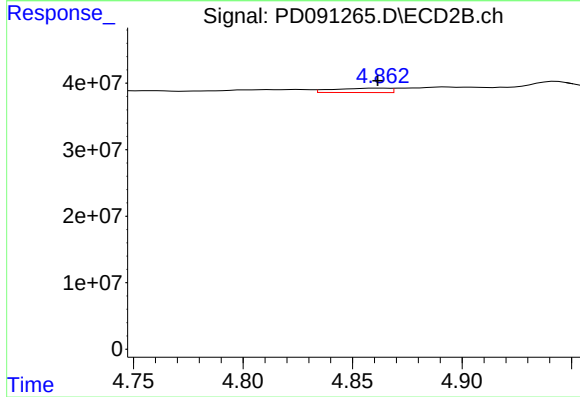
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: -0.002 min
Response: 1512998
Conc: 0.03 ng/ml



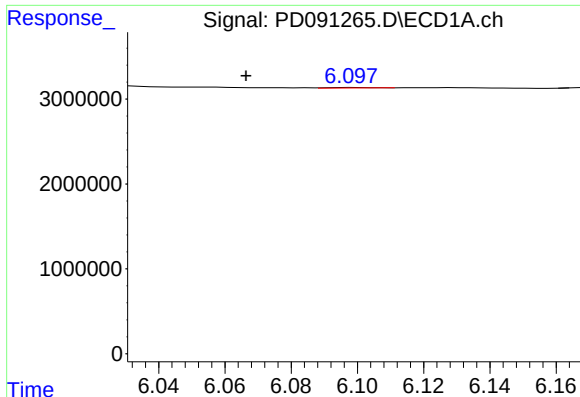
#8 Heptachlor epoxide

R.T.: 5.672 min
Delta R.T.: -0.011 min
Response: 3939381
Conc: 0.61 ng/ml



#8 Heptachlor epoxide

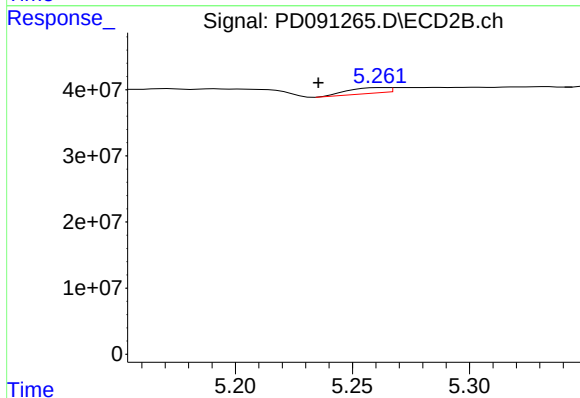
R.T.: 4.863 min
Delta R.T.: 0.001 min
Response: 11780252
Conc: 0.23 ng/ml



#9 Endosulfan I

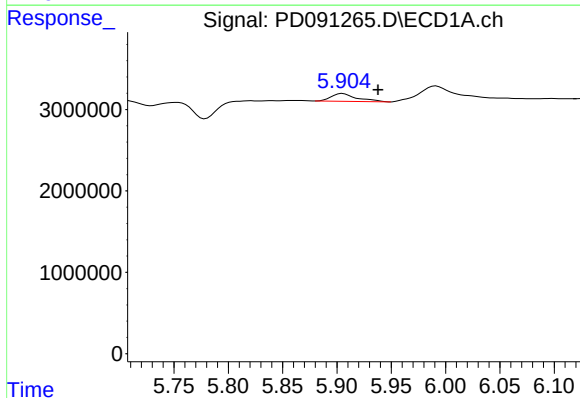
R.T.: 6.099 min
Delta R.T.: 0.033 min
Response: 60139
Conc: 0.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



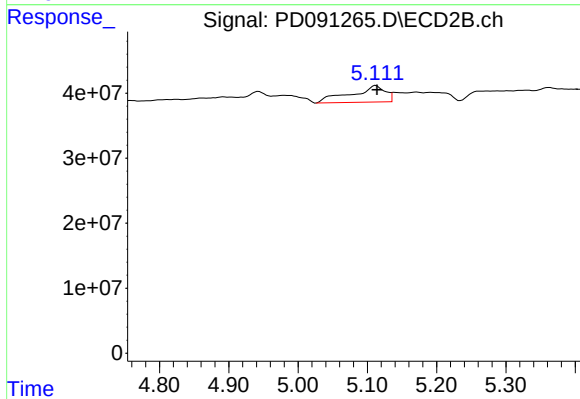
#9 Endosulfan I

R.T.: 5.263 min
Delta R.T.: 0.028 min
Response: 9993958
Conc: 0.21 ng/ml



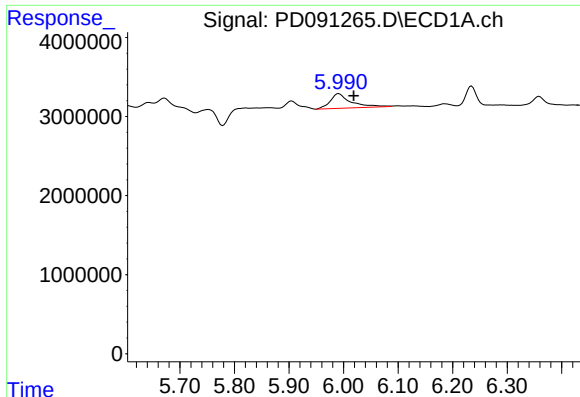
#10 gamma-Chlordane

R.T.: 5.905 min
Delta R.T.: -0.033 min
Response: 1589398
Conc: 0.24 ng/ml



#10 gamma-Chlordane

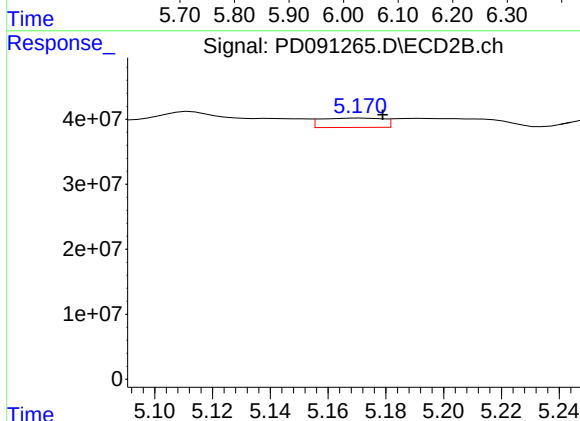
R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 87183331
Conc: 1.60 ng/ml



#11 alpha-Chlordane

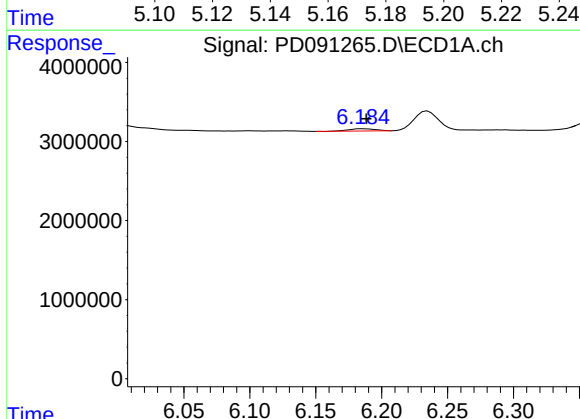
R.T.: 5.991 min
Delta R.T.: -0.027 min
Response: 4911819
Conc: 0.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



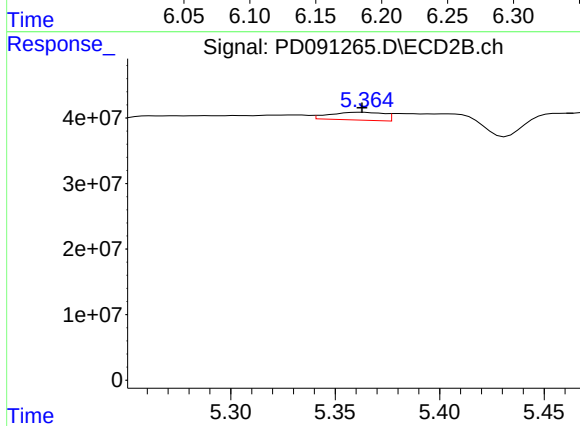
#11 alpha-Chlordane

R.T.: 5.171 min
Delta R.T.: -0.007 min
Response: 21462961
Conc: 0.41 ng/ml



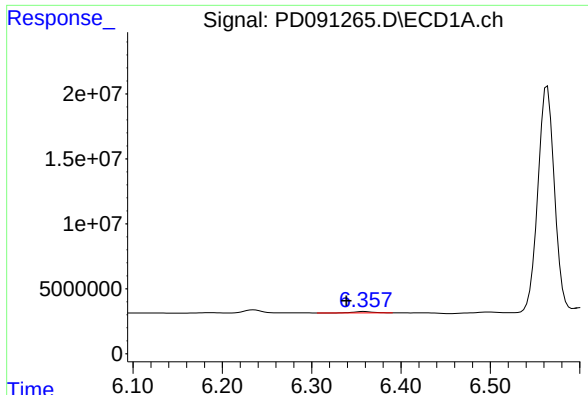
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: -0.003 min
Response: 374878
Conc: 0.06 ng/ml



#12 4,4'-DDE

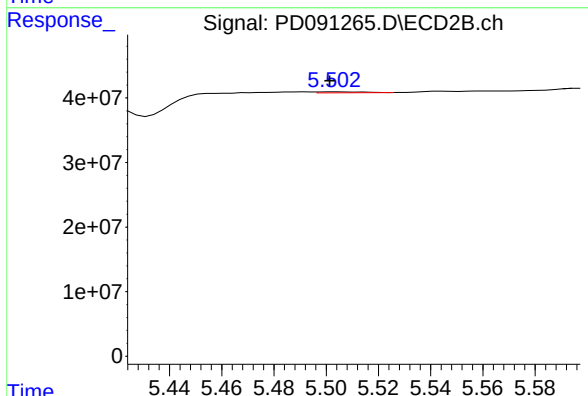
R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 21179070
Conc: 0.40 ng/ml



#13 Dieldrin

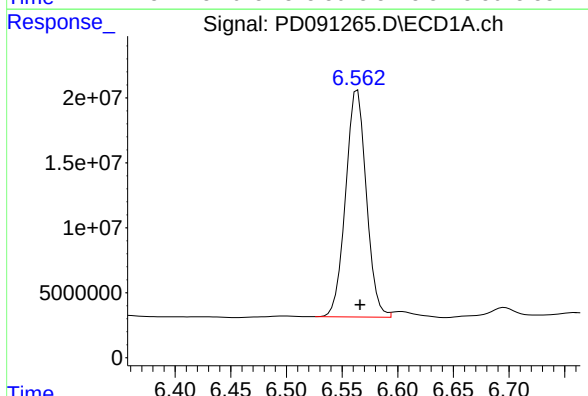
R.T.: 6.359 min
Delta R.T.: 0.020 min
Response: 1474046
Conc: 0.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



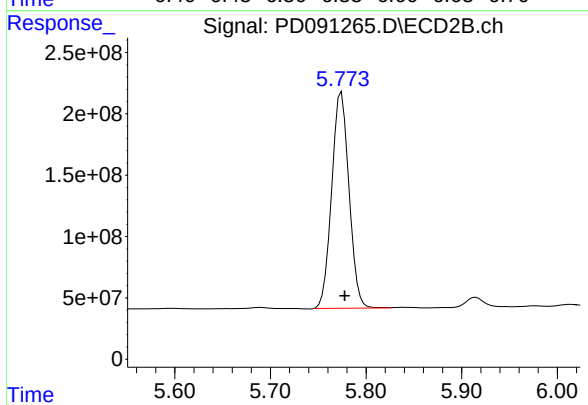
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: 0.002 min
Response: 1717014
Conc: 0.03 ng/ml



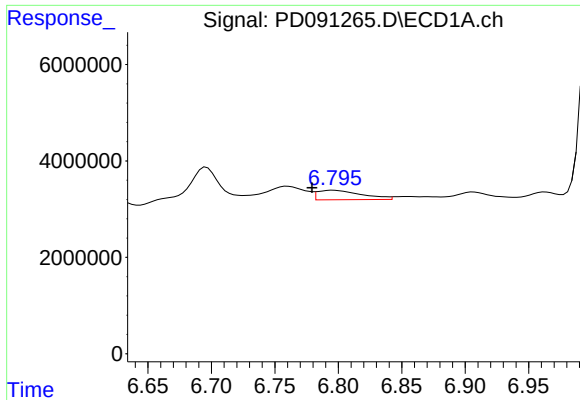
#14 Endrin

R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 226193281
Conc: 45.57 ng/ml



#14 Endrin

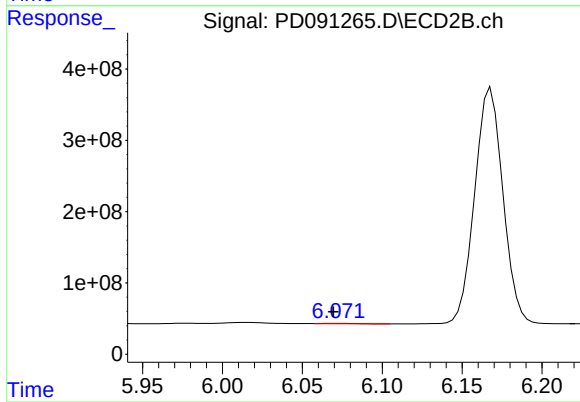
R.T.: 5.774 min
Delta R.T.: -0.003 min
Response: 2213078160
Conc: 48.97 ng/ml



#15 Endosulfan II

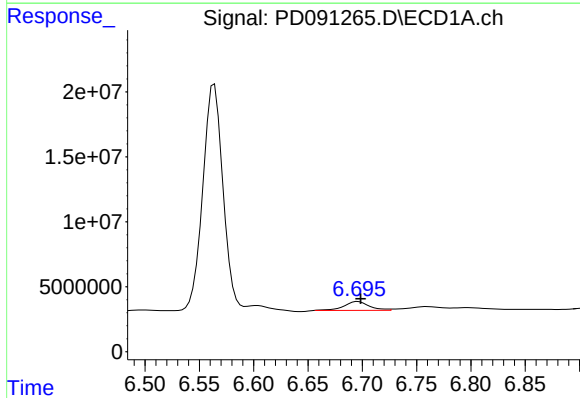
R.T.: 6.797 min
Delta R.T.: 0.017 min
Response: 4735597
Conc: 0.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



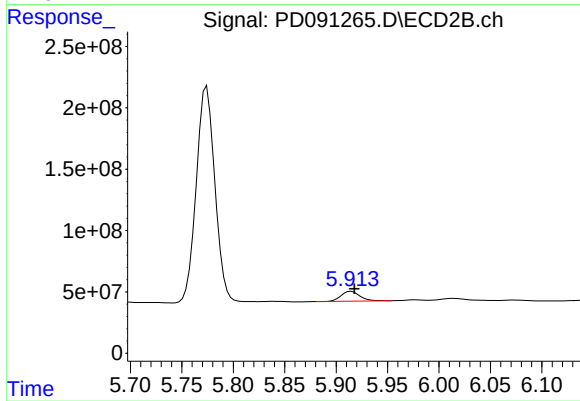
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.003 min
Response: 6934485
Conc: 0.15 ng/ml



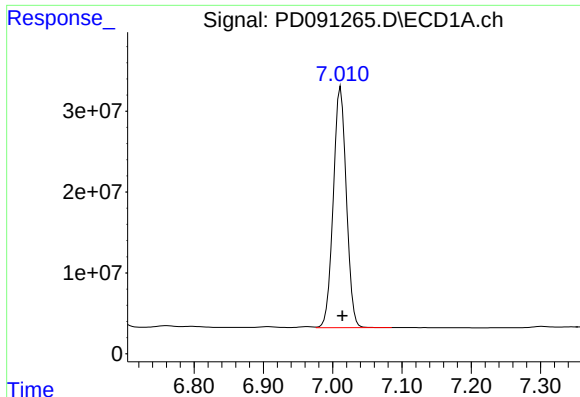
#16 4,4'-DDD

R.T.: 6.696 min
Delta R.T.: -0.002 min
Response: 11099471
Conc: 2.26 ng/ml



#16 4,4'-DDD

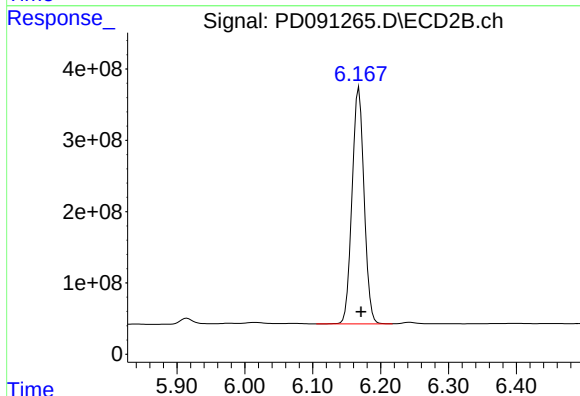
R.T.: 5.915 min
Delta R.T.: -0.003 min
Response: 102682633
Conc: 2.10 ng/ml



#17 4,4'-DDT

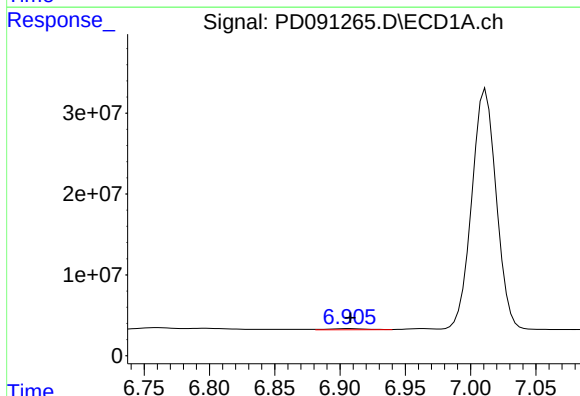
R.T.: 7.012 min
Delta R.T.: -0.003 min
Response: 390312353
Conc: 94.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



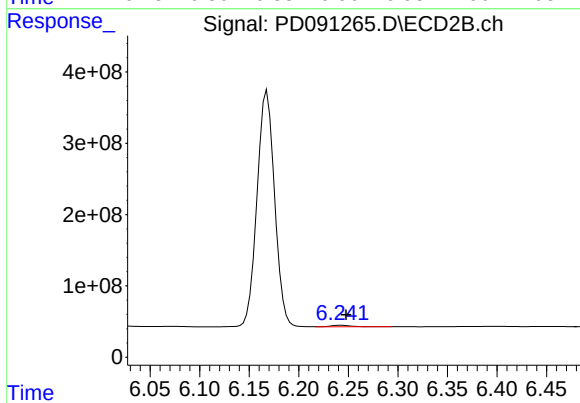
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: -0.003 min
Response: 4080081387
Conc: 104.26 ng/ml



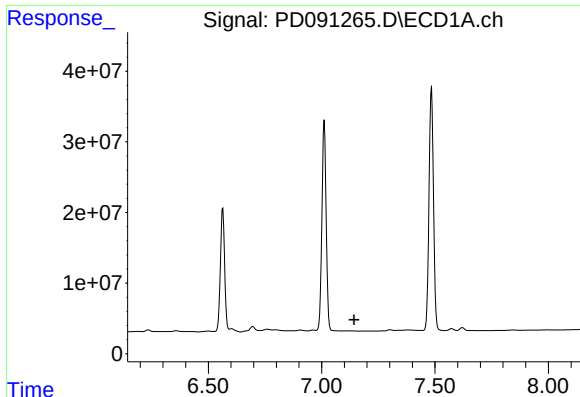
#18 Endrin aldehyde

R.T.: 6.907 min
Delta R.T.: -0.001 min
Response: 2880332
Conc: 0.69 ng/ml



#18 Endrin aldehyde

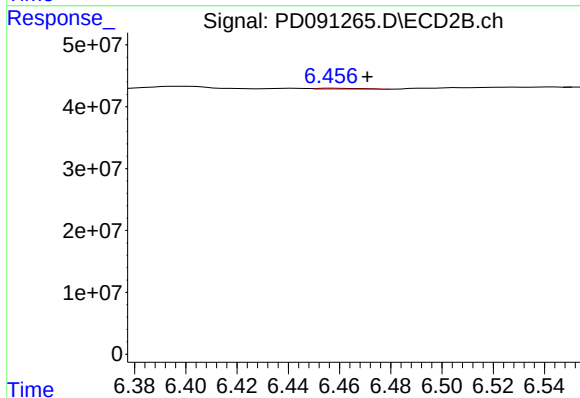
R.T.: 6.243 min
Delta R.T.: -0.005 min
Response: 29926204
Conc: 0.85 ng/ml



#19 Endosulfan Sulfate

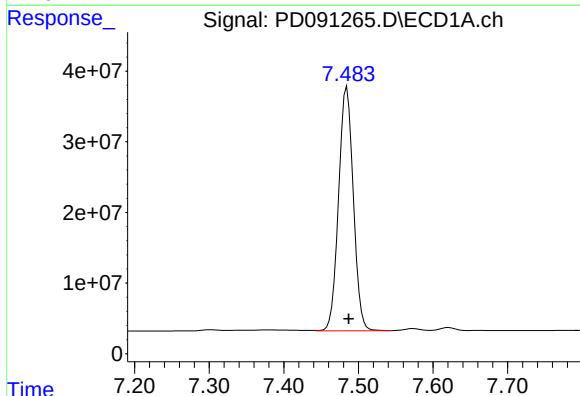
R.T.: 0.000 min
Exp R.T.: 7.143 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



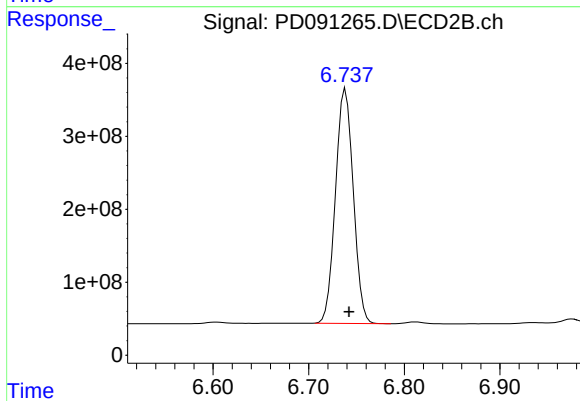
#19 Endosulfan Sulfate

R.T.: 6.457 min
Delta R.T.: -0.014 min
Response: 1600023
Conc: 0.04 ng/ml



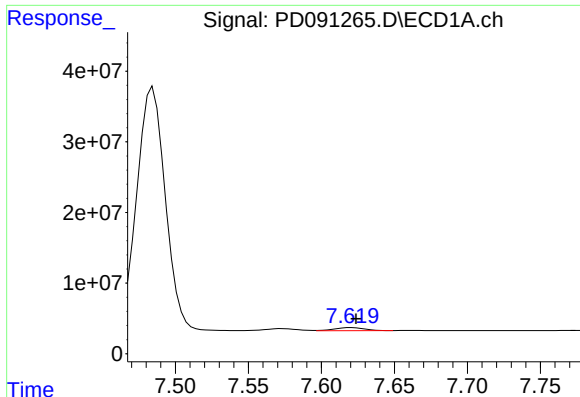
#20 Methoxychlor

R.T.: 7.485 min
Delta R.T.: -0.002 min
Response: 473518529
Conc: 217.78 ng/ml



#20 Methoxychlor

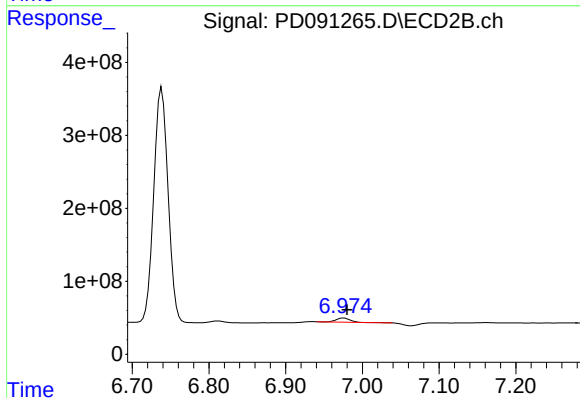
R.T.: 6.738 min
Delta R.T.: -0.004 min
Response: 4161738554
Conc: 207.55 ng/ml



#21 Endrin ketone

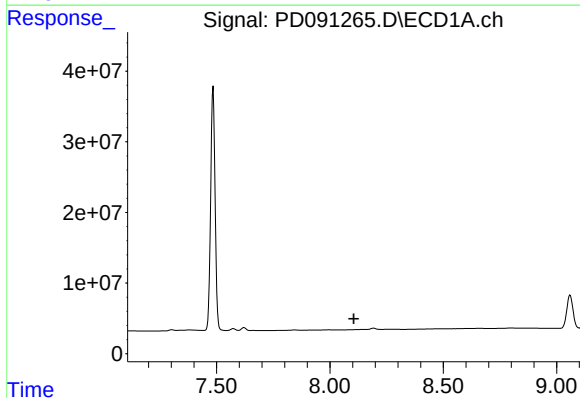
R.T.: 7.621 min
Delta R.T.: -0.003 min
Response: 6293265
Conc: 1.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



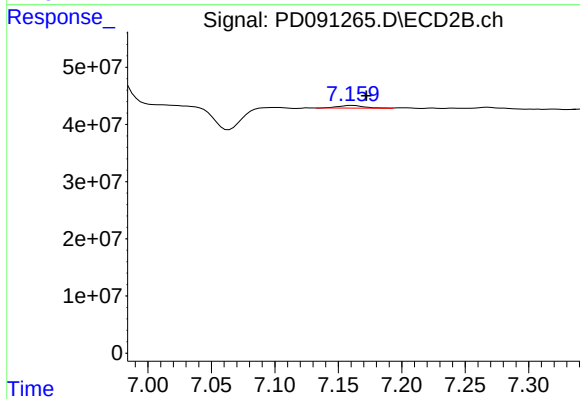
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: -0.004 min
Response: 67665077
Conc: 1.33 ng/ml



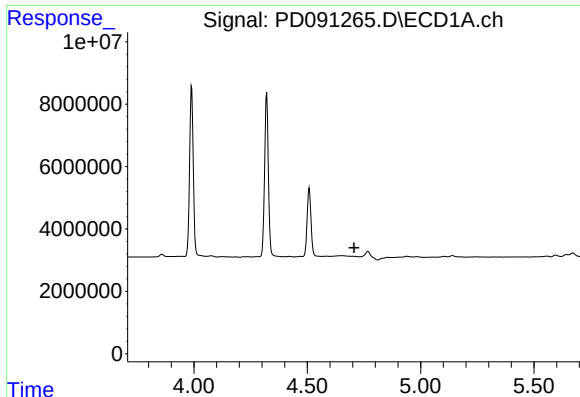
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.106 min
Response: 0
Conc: N.D.



#22 Mirex

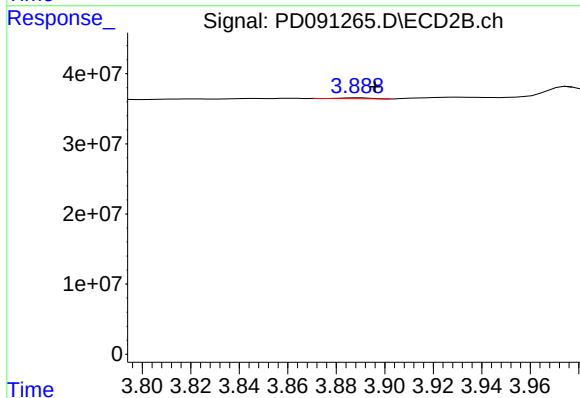
R.T.: 7.161 min
Delta R.T.: -0.011 min
Response: 6755394
Conc: 0.20 ng/ml



#23 Chlordane-1

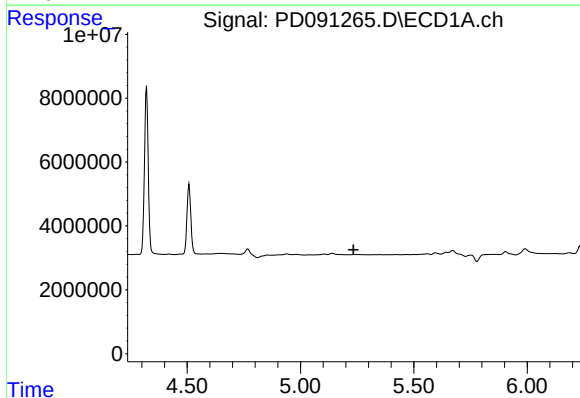
R.T.: 0.000 min
Exp R.T.: 4.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



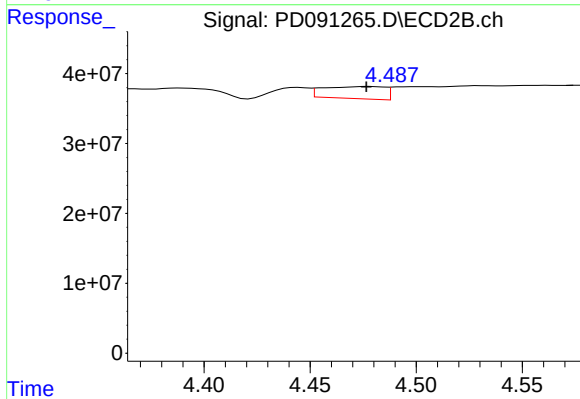
#23 Chlordane-1

R.T.: 3.889 min
Delta R.T.: -0.007 min
Response: 1136892
Conc: 0.66 ng/ml



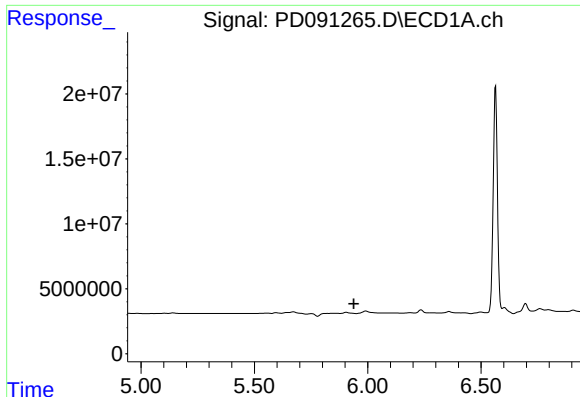
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.234 min
Response: 0
Conc: N.D.



#24 Chlordane-2

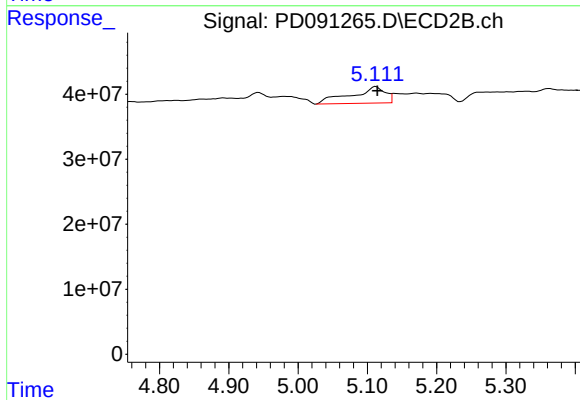
R.T.: 4.478 min
Delta R.T.: 0.001 min
Response: 34766435
Conc: 19.85 ng/ml



#25 Chlordane-3

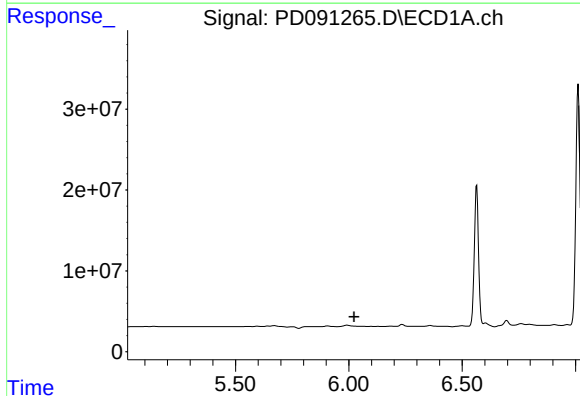
R.T.: 0.000 min
Exp R.T.: 5.939 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



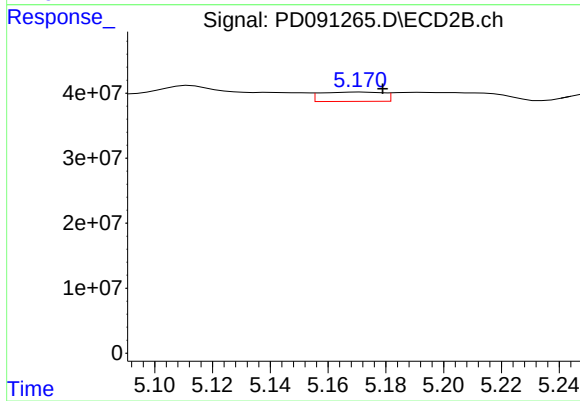
#25 Chlordane-3

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 87183331
Conc: 15.15 ng/ml



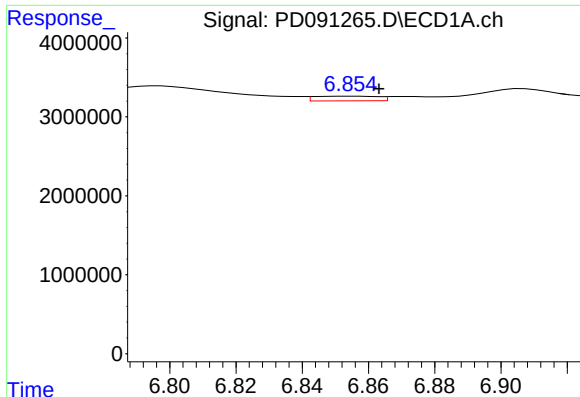
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 6.024 min
Response: 0
Conc: N.D.



#26 Chlordane-4

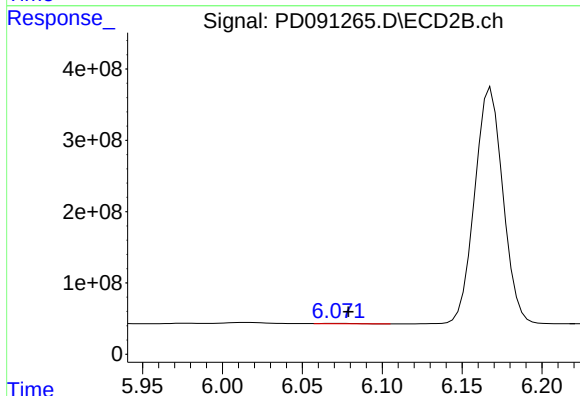
R.T.: 5.171 min
Delta R.T.: -0.007 min
Response: 21462961
Conc: 4.49 ng/ml



#27 Chlordane-5

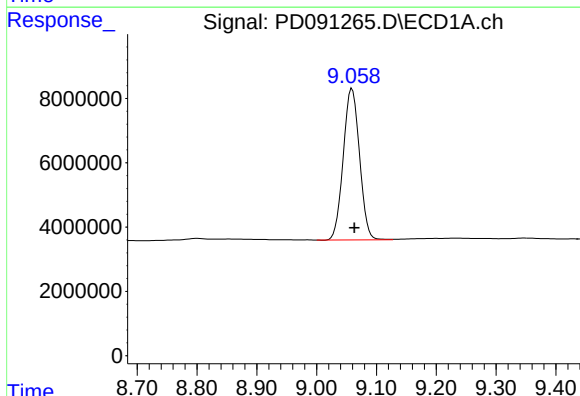
R.T.: 6.855 min
Delta R.T.: -0.008 min
Response: 788932
Conc: 3.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



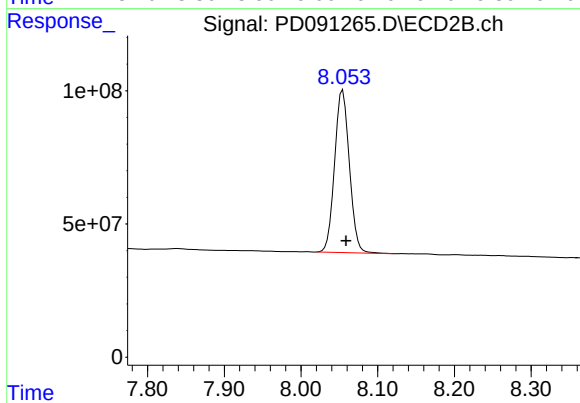
#27 Chlordane-5

R.T.: 6.072 min
Delta R.T.: -0.006 min
Response: 6934485
Conc: 3.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.004 min
Response: 88950302
Conc: 17.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.054 min
Delta R.T.: -0.004 min
Response: 816370117
Conc: 20.63 ng/ml