

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092423\
 Data File : PD078254.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2023 21:34
 Operator : AR\AJ
 Sample : 04567-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 01:07:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 01 16:18:56 2023
 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...	3.539	2.758	37416009	28212005	14.736	17.837
28)	SA Decachlor...	9.076	7.894	41722890	25414533	13.697	14.728
Target Compounds							
2)	A alpha-BHC	4.030f	3.252	1378040	798695	0.335	0.345
3)	MA gamma-BHC...	4.341	0.000	361307	0	0.091	N.D. #
4)	MA Heptachlor	4.938f	3.926	147100	621093	0.038	0.276 #
5)	MB Aldrin	5.290f	4.225	204575	202821	0.051	0.089 #
6)	B beta-BHC	4.534	3.865f	848184	3297992	0.526	3.700 #
7)	B delta-BHC	4.764	0.000	1066898	0	0.289	N.D. #
8)	Heptachlo...	5.683	4.713	986011	3085176	0.276	1.521 #
9)	A Endosulfan I	6.113f	0.000	170778	0	0.052	N.D. #
10)	B gamma-Chl...	5.947	4.986f	6491448	657220	1.844	0.327 #
11)	B alpha-Chl...	6.025	5.050f	826878	1204263	0.232	0.598 #
12)	B 4,4'-DDE	6.198	5.211	107.6E6	71647239	33.421	39.253
13)	MA Dieldrin	0.000	5.347	0	188643	N.D.	0.092 #
14)	MA Endrin	0.000	5.628	0	3290613	N.D.	1.817 #
15)	B Endosulfa...	6.835f	0.000	833985	0	0.269	N.D. #
16)	A 4,4'-DDD	6.717	5.767	1401405	1162263	0.547	0.832 #
17)	MA 4,4'-DDT	7.032	6.016	51634100	33763493	19.743	23.898
18)	B Endrin al...	0.000	6.082f	0	1769855	N.D.	1.311 #
21)	B Endrin ke...	7.672	6.814	8752303	224345	2.693	0.119 #
22)	Mirex	0.000	7.002	0	238976	N.D.	0.156 #
23)	Chlordane-1	0.000	3.728f	0	1043877	N.D.	18.331 #
24)	Chlordane-2	0.000	4.322	0	227468	N.D.	3.571 #
25)	Chlordane-3	5.947	4.986f	6491448	657220	12.921	3.350 #
26)	Chlordane-4	6.025	5.050f	826878	1204263	1.342	6.364 #

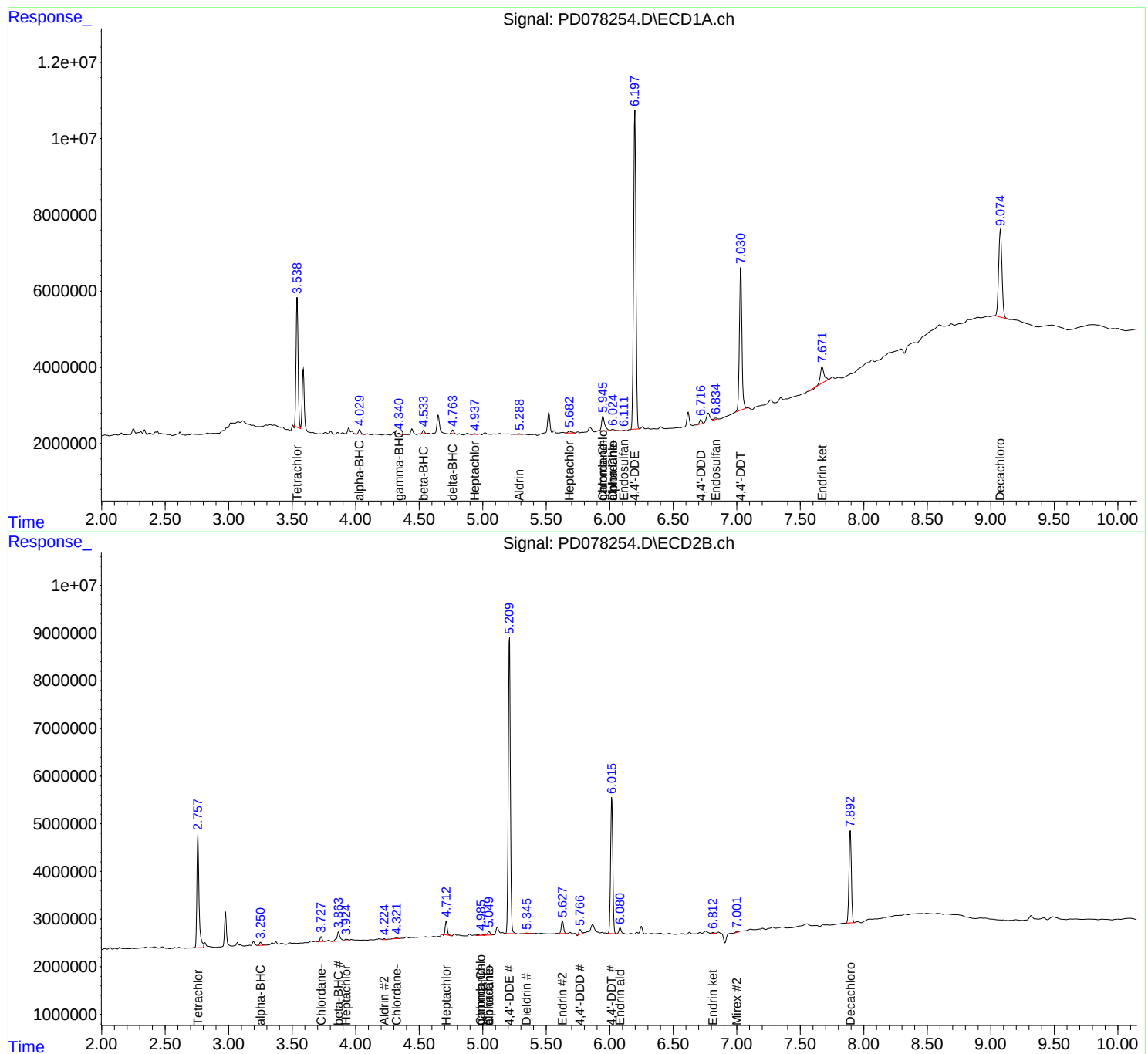
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

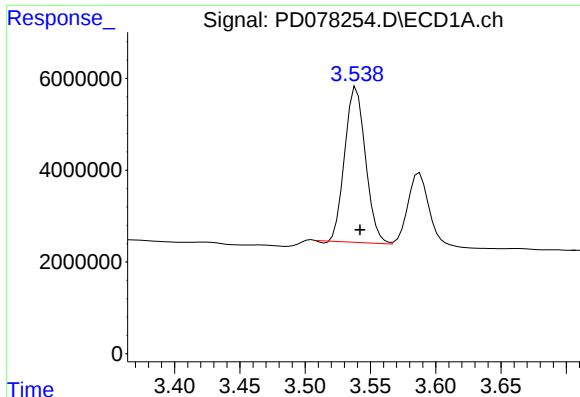
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092423\
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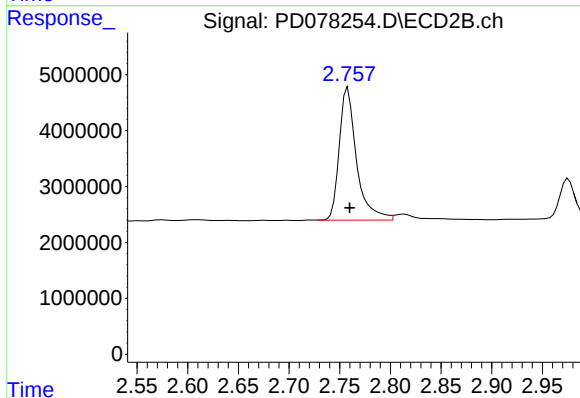




#1 Tetrachloro-m-xylene

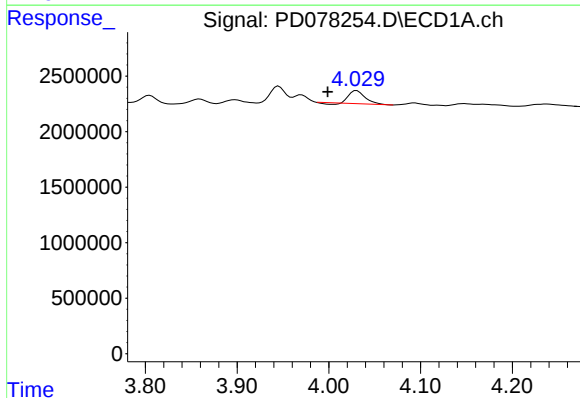
R.T.: 3.539 min
Delta R.T.: -0.003 min
Response: 37416009
Conc: 14.74 ng/ml

Instrument :
ECD_D
ClientSampleId :



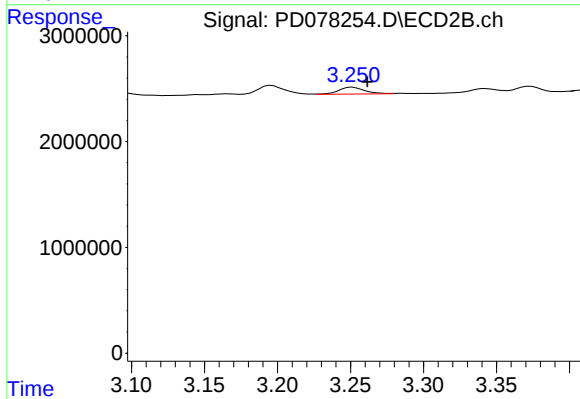
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: -0.002 min
Response: 28212005
Conc: 17.84 ng/ml



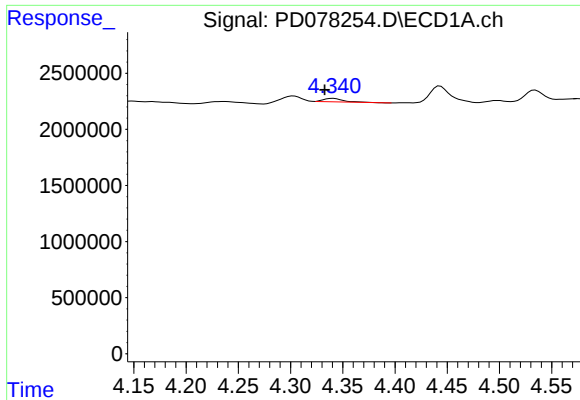
#2 alpha-BHC

R.T.: 4.030 min
Delta R.T.: 0.032 min
Response: 1378040
Conc: 0.33 ng/ml



#2 alpha-BHC

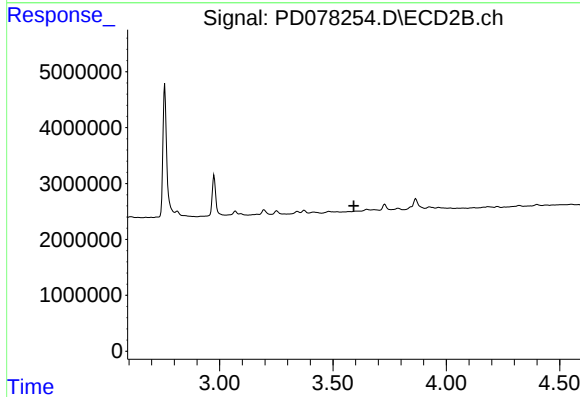
R.T.: 3.252 min
Delta R.T.: -0.010 min
Response: 798695
Conc: 0.35 ng/ml



#3 gamma-BHC (Lindane)

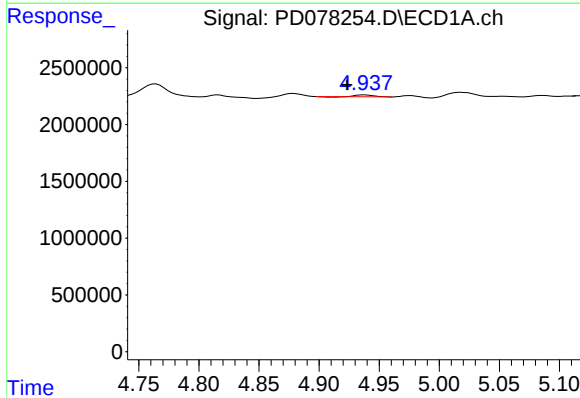
R.T.: 4.341 min
Delta R.T.: 0.008 min
Response: 361307
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :



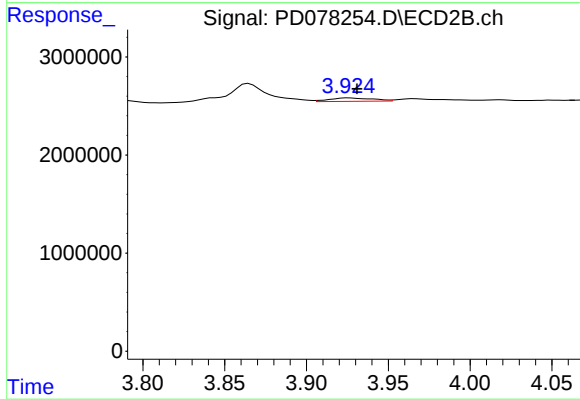
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T. : 3.592 min
Response: 0
Conc: N.D.



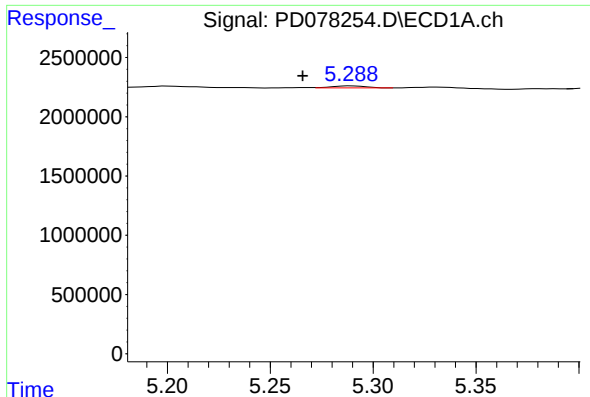
#4 Heptachlor

R.T.: 4.938 min
Delta R.T.: 0.015 min
Response: 147100
Conc: 0.04 ng/ml



#4 Heptachlor

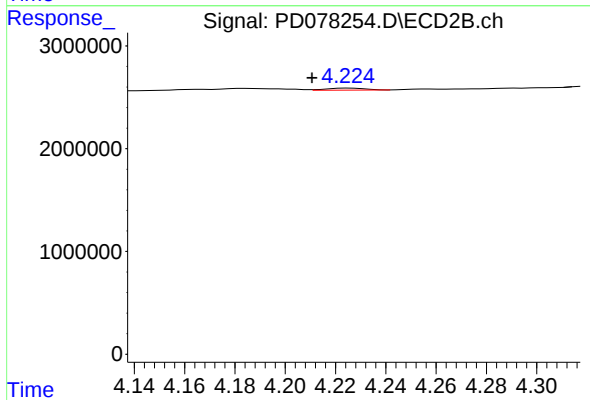
R.T.: 3.926 min
Delta R.T.: -0.005 min
Response: 621093
Conc: 0.28 ng/ml



#5 Aldrin

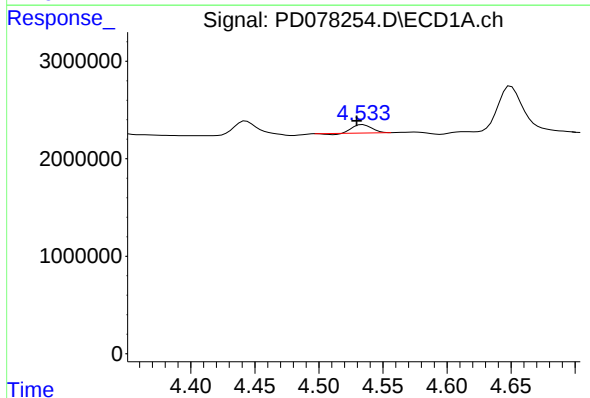
R.T.: 5.290 min
Delta R.T.: 0.024 min
Response: 204575
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



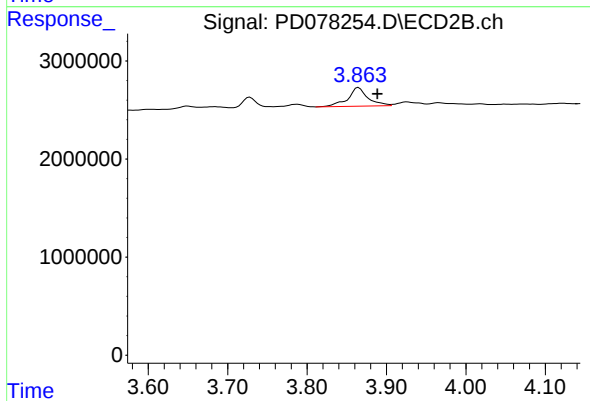
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: 0.015 min
Response: 202821
Conc: 0.09 ng/ml



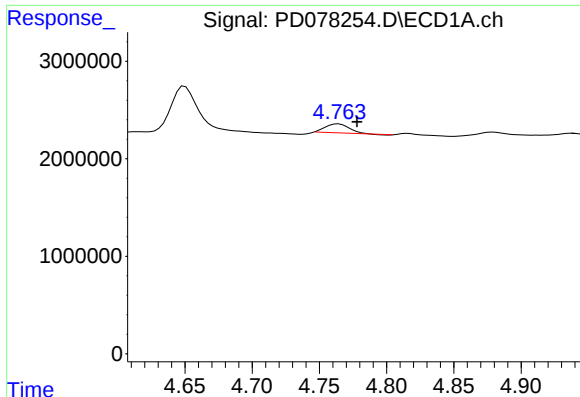
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.005 min
Response: 848184
Conc: 0.53 ng/ml



#6 beta-BHC

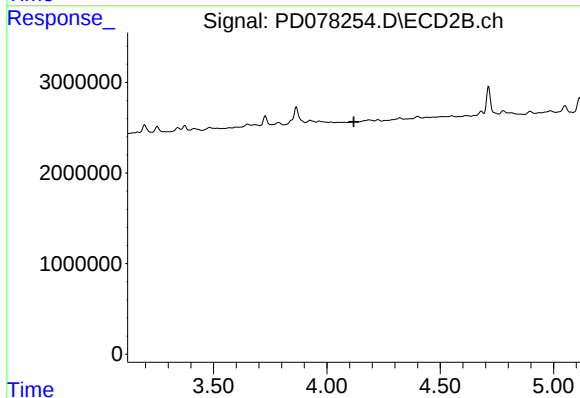
R.T.: 3.865 min
Delta R.T.: -0.024 min
Response: 3297992
Conc: 3.70 ng/ml



#7 delta-BHC

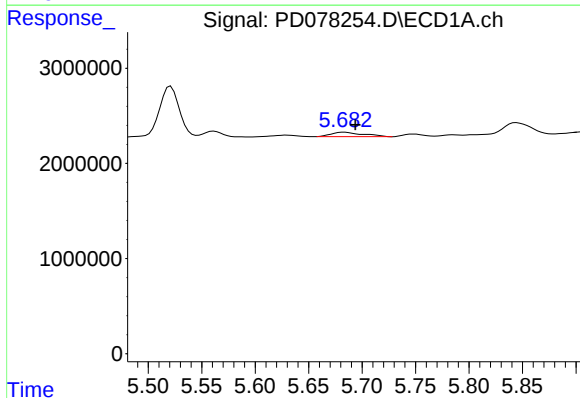
R.T.: 4.764 min
Delta R.T.: -0.014 min
Response: 1066898
Conc: 0.29 ng/ml

Instrument :
ECD_D
ClientSampleId :



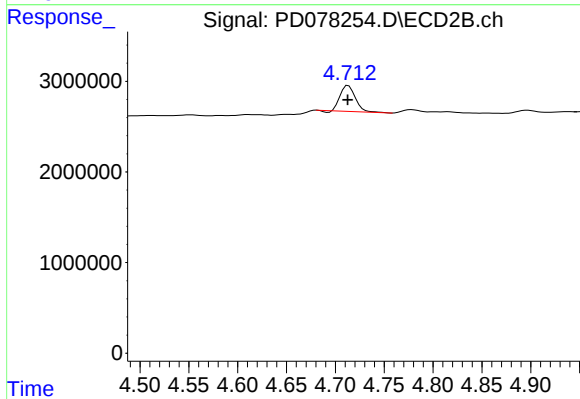
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.119 min
Response: 0
Conc: N.D.



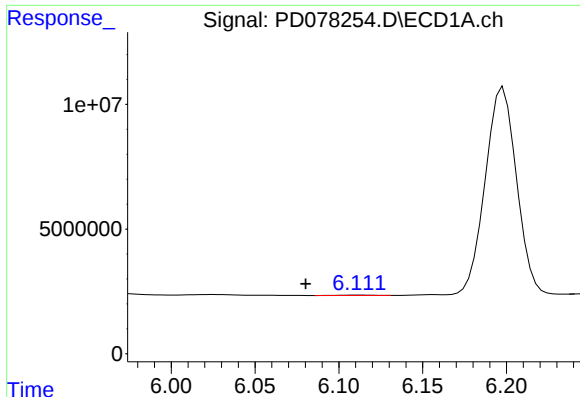
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.011 min
Response: 986011
Conc: 0.28 ng/ml



#8 Heptachlor epoxide

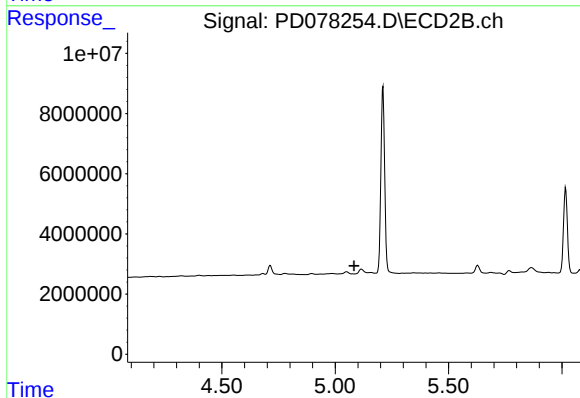
R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 3085176
Conc: 1.52 ng/ml



#9 Endosulfan I

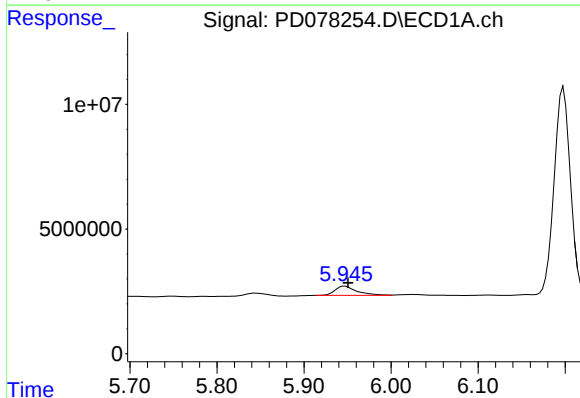
R.T.: 6.113 min
Delta R.T.: 0.032 min
Response: 170778
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



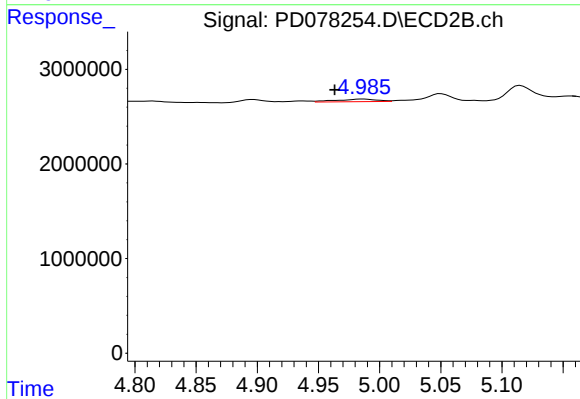
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.083 min
Response: 0
Conc: N.D.



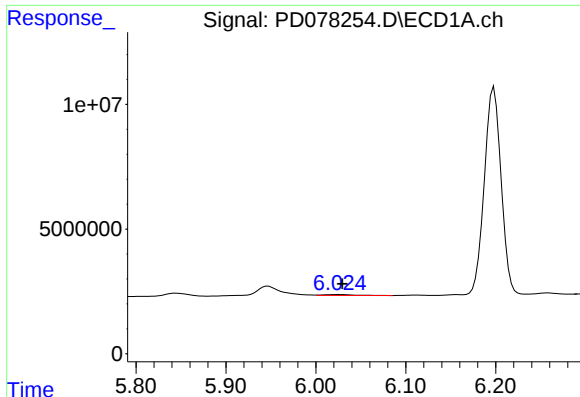
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: -0.004 min
Response: 6491448
Conc: 1.84 ng/ml



#10 gamma-Chlordane

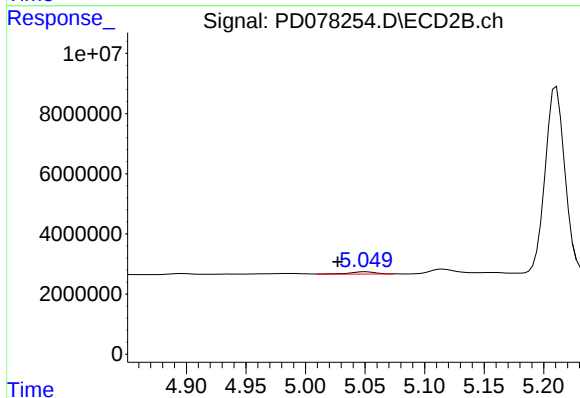
R.T.: 4.986 min
Delta R.T.: 0.023 min
Response: 657220
Conc: 0.33 ng/ml



#11 alpha-Chlordane

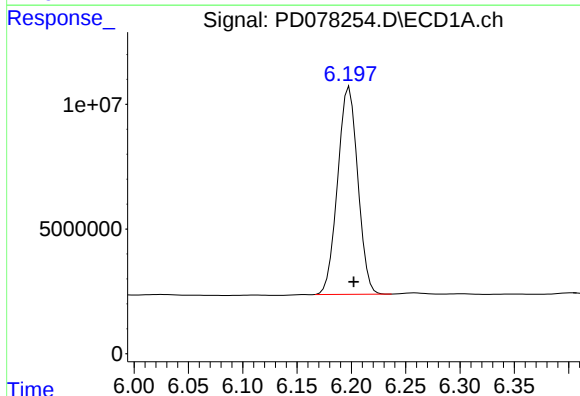
R.T.: 6.025 min
Delta R.T.: -0.005 min
Response: 826878
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :



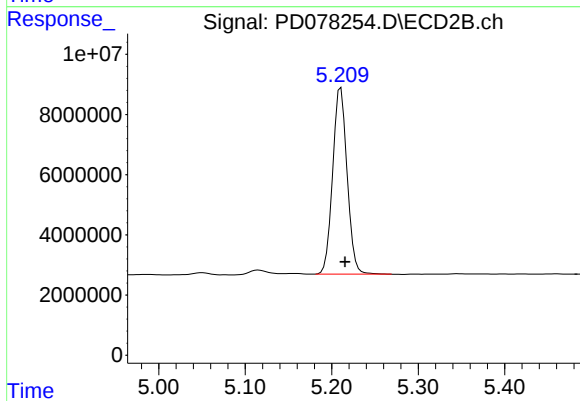
#11 alpha-Chlordane

R.T.: 5.050 min
Delta R.T.: 0.023 min
Response: 1204263
Conc: 0.60 ng/ml



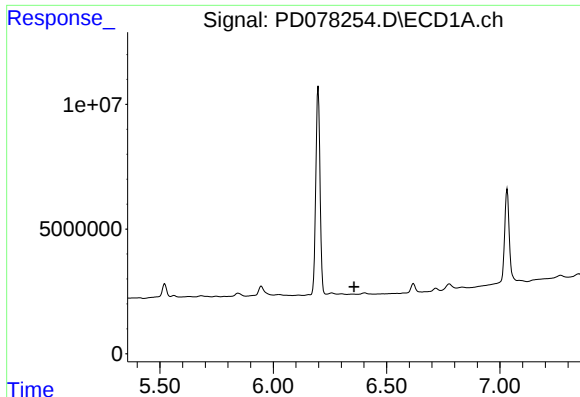
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: -0.004 min
Response: 107603675
Conc: 33.42 ng/ml



#12 4,4'-DDE

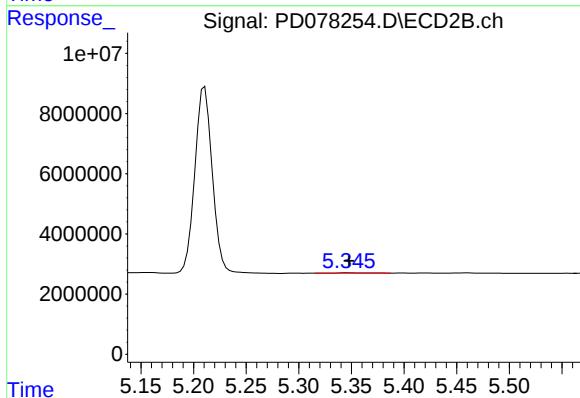
R.T.: 5.211 min
Delta R.T.: -0.005 min
Response: 71647239
Conc: 39.25 ng/ml



#13 Dieldrin

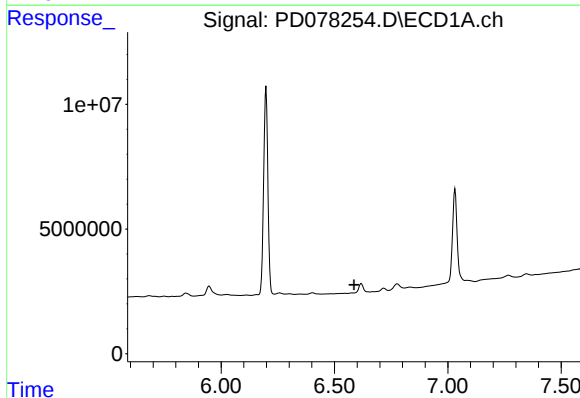
R.T.: 0.000 min
Exp R.T.: 6.356 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



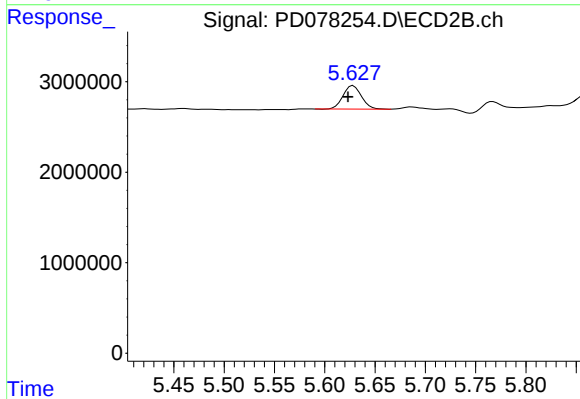
#13 Dieldrin

R.T.: 5.347 min
Delta R.T.: -0.001 min
Response: 188643
Conc: 0.09 ng/ml



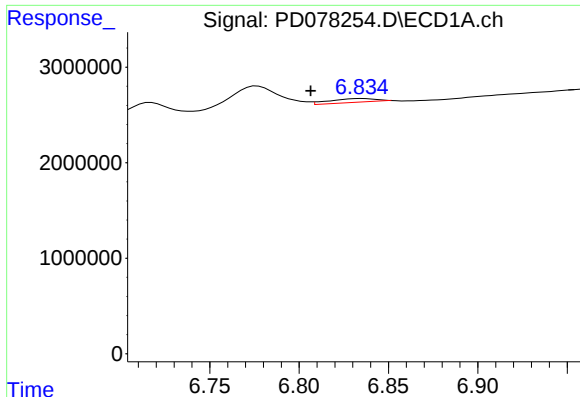
#14 Endrin

R.T.: 0.000 min
Exp R.T.: 6.587 min
Response: 0
Conc: N.D.



#14 Endrin

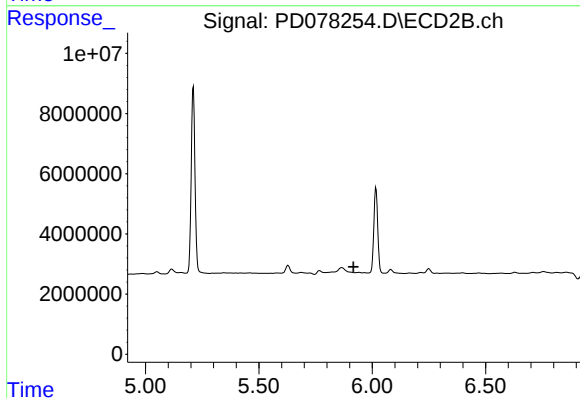
R.T.: 5.628 min
Delta R.T.: 0.005 min
Response: 3290613
Conc: 1.82 ng/ml



#15 Endosulfan II

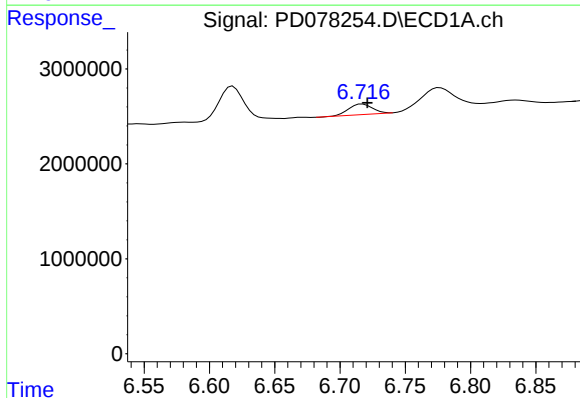
R.T.: 6.835 min
Delta R.T.: 0.028 min
Response: 833985
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :



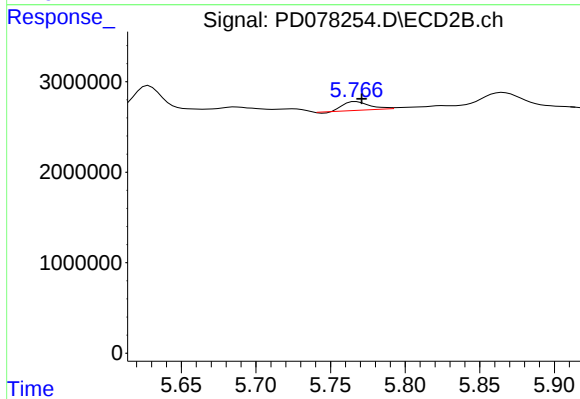
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 5.918 min
Response: 0
Conc: N.D.



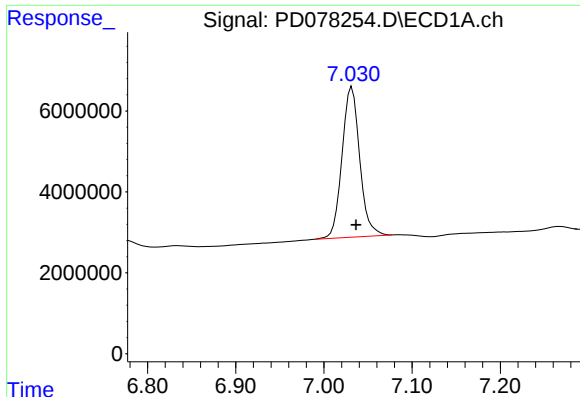
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: -0.004 min
Response: 1401405
Conc: 0.55 ng/ml



#16 4,4'-DDD

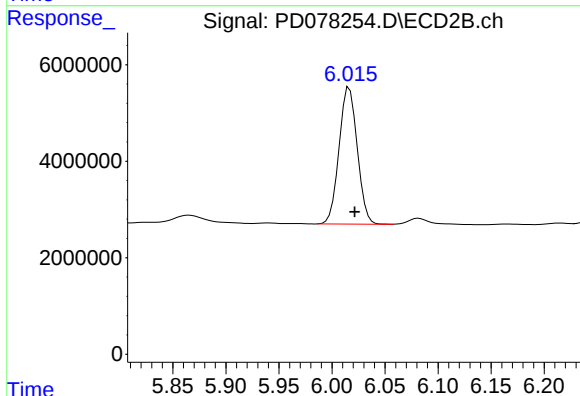
R.T.: 5.767 min
Delta R.T.: -0.004 min
Response: 1162263
Conc: 0.83 ng/ml



#17 4,4'-DDT

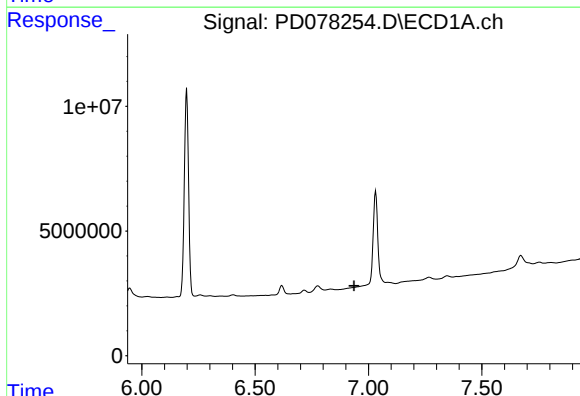
R.T.: 7.032 min
Delta R.T.: -0.004 min
Response: 51634100
Conc: 19.74 ng/ml

Instrument :
ECD_D
ClientSampleId :



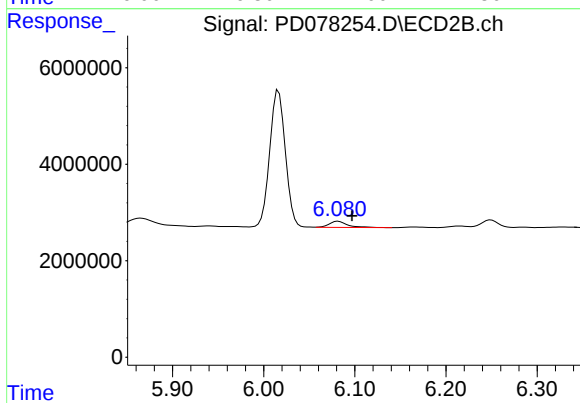
#17 4,4'-DDT

R.T.: 6.016 min
Delta R.T.: -0.005 min
Response: 33763493
Conc: 23.90 ng/ml



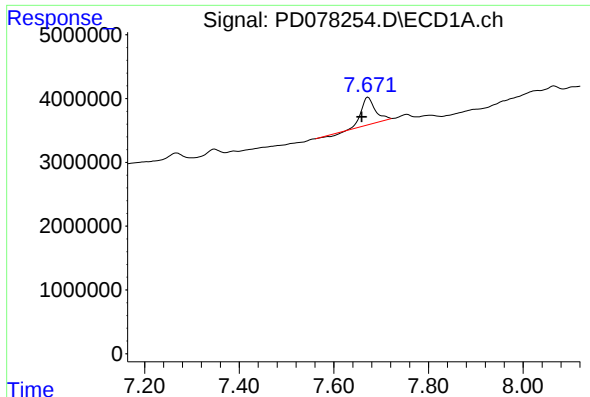
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.937 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

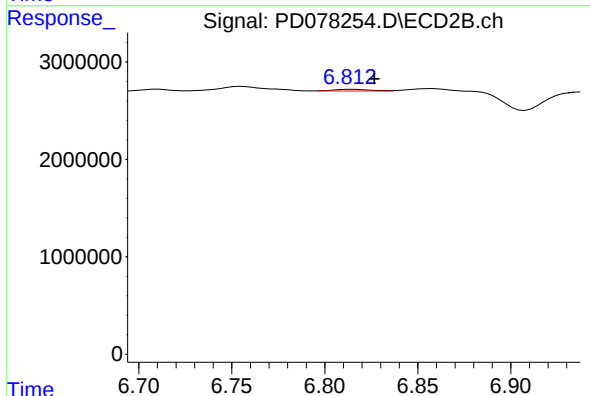
R.T.: 6.082 min
Delta R.T.: -0.015 min
Response: 1769855
Conc: 1.31 ng/ml



#21 Endrin ketone

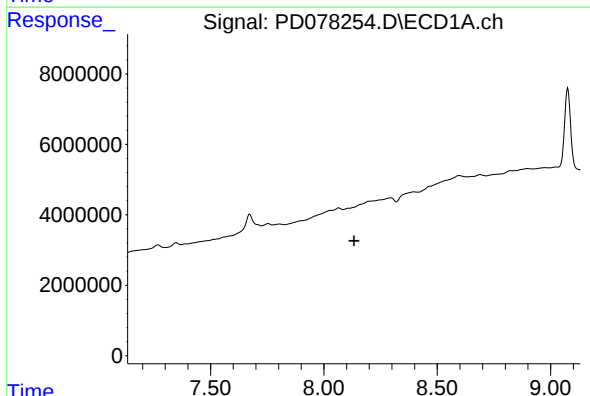
R.T.: 7.672 min
Delta R.T.: 0.013 min
Response: 8752303
Conc: 2.69 ng/ml

Instrument :
ECD_D
ClientSampleId :



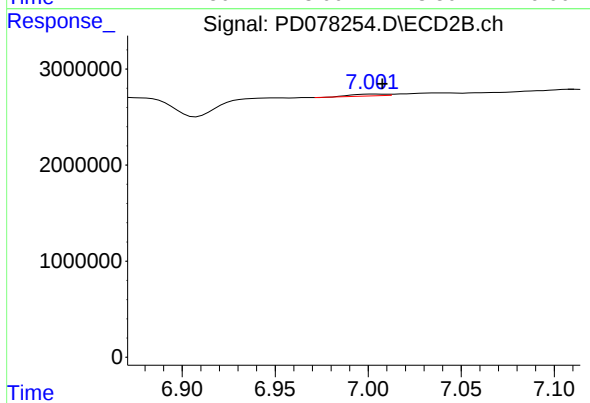
#21 Endrin ketone

R.T.: 6.814 min
Delta R.T.: -0.013 min
Response: 224345
Conc: 0.12 ng/ml



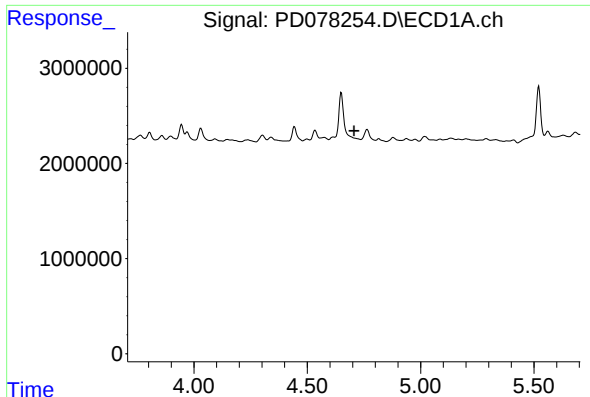
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.133 min
Response: 0
Conc: N.D.



#22 Mirex

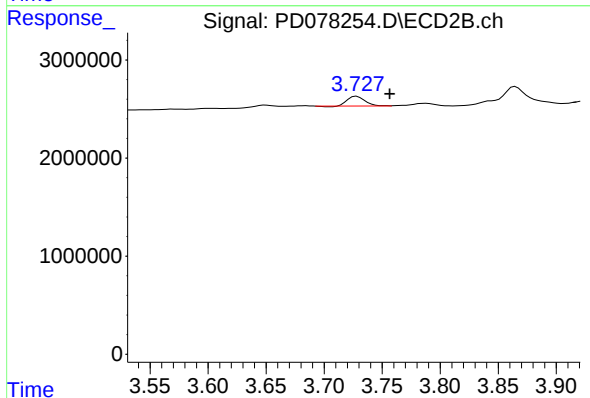
R.T.: 7.002 min
Delta R.T.: -0.005 min
Response: 238976
Conc: 0.16 ng/ml



#23 Chlordane-1

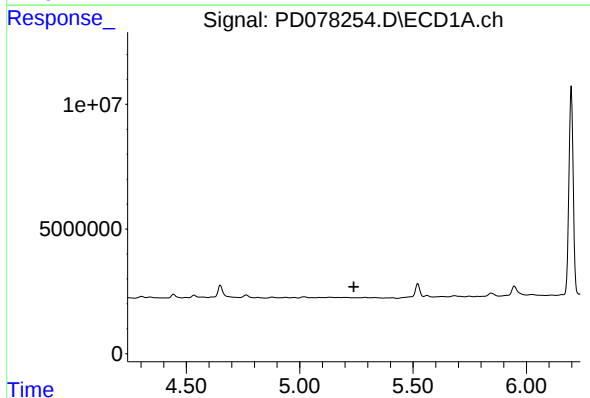
R.T.: 0.000 min
Exp R.T.: 4.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



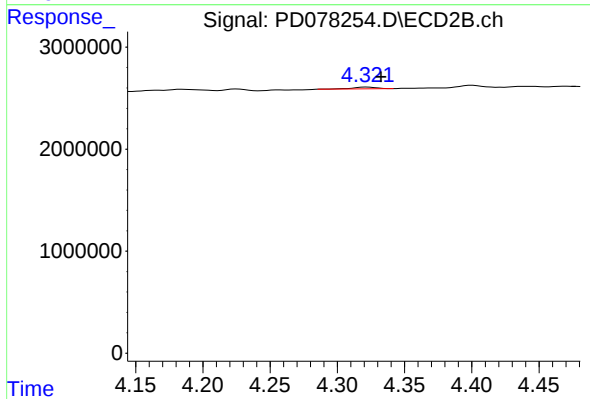
#23 Chlordane-1

R.T.: 3.728 min
Delta R.T.: -0.029 min
Response: 1043877
Conc: 18.33 ng/ml



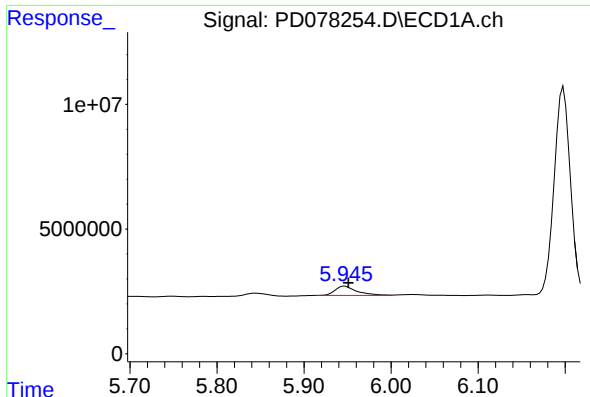
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.239 min
Response: 0
Conc: N.D.



#24 Chlordane-2

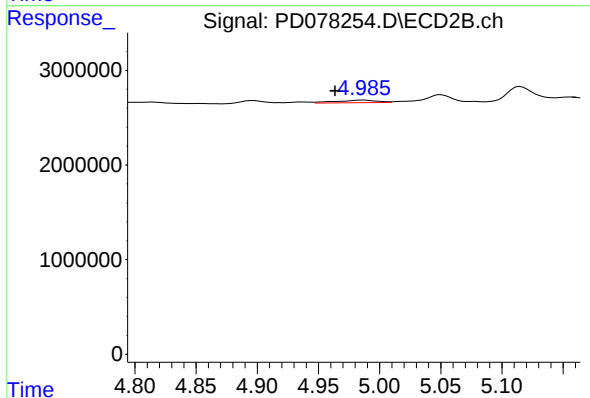
R.T.: 4.322 min
Delta R.T.: -0.011 min
Response: 227468
Conc: 3.57 ng/ml



#25 Chlordane-3

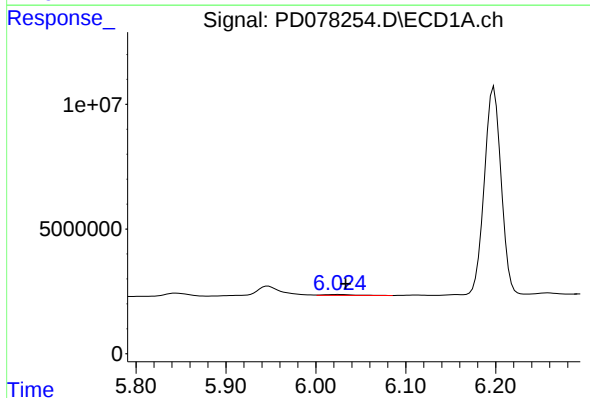
R.T.: 5.947 min
Delta R.T.: -0.004 min
Response: 6491448
Conc: 12.92 ng/ml

Instrument :
ECD_D
ClientSampleId :



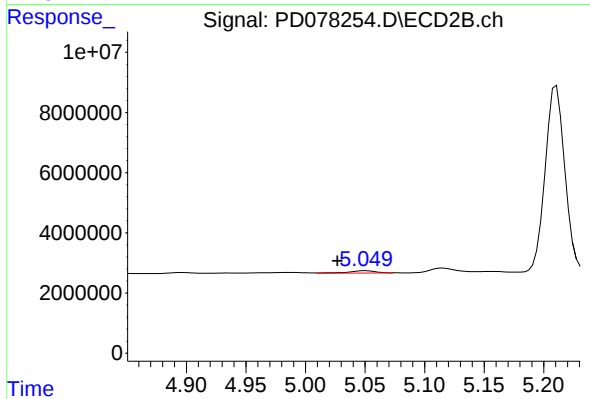
#25 Chlordane-3

R.T.: 4.986 min
Delta R.T.: 0.023 min
Response: 657220
Conc: 3.35 ng/ml



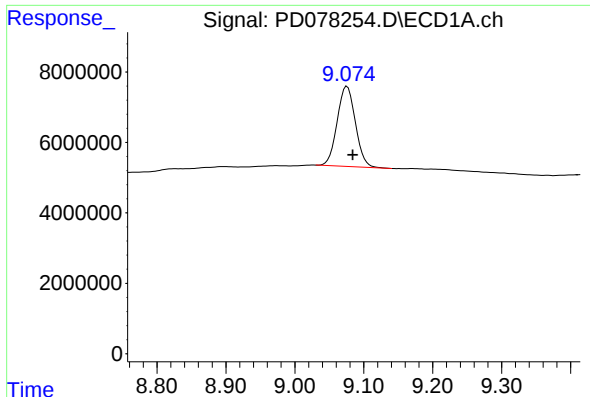
#26 Chlordane-4

R.T.: 6.025 min
Delta R.T.: -0.008 min
Response: 826878
Conc: 1.34 ng/ml



#26 Chlordane-4

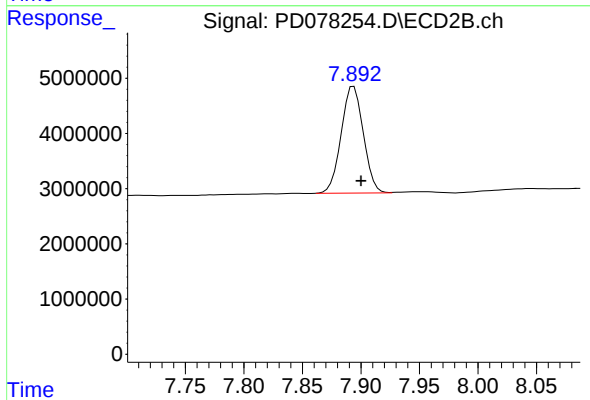
R.T.: 5.050 min
Delta R.T.: 0.024 min
Response: 1204263
Conc: 6.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: -0.008 min
Response: 41722890
Conc: 13.70 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.894 min
Delta R.T.: -0.006 min
Response: 25414533
Conc: 14.73 ng/ml