Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100522\
Data File : PD072228.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Oct 2022 15:26
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 05 16:15:52 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100522.M
Quant Title : GC Extractables
QLast Update : Wed Oct 05 15:15:26 2022
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...	2.744	3.497	48904146	707.9E6	19.487	19.529	
28)	SA	Decachlor...	7.920	8.986	51009091	208.2E6	20.010	20.725	
		Target Compounds							
2)	A	alpha-BHC	3.248	3.960	36460962	540.7E6	9.109	10.636	
3)	MA	gamma-BHC...	3.580	4.294	33395826	443.8E6	9.244	10.706	
4)	MA	Heptachlor	0.000	4.881	0	7443705	N.D.	0.247	#
5)	MB	Aldrin	0.000	5.214	0	5420540	N.D.	0.225	#
6)	B	beta-BHC	3.879	4.502	17097379	196.1E6	10.573	11.768	
7)	B	delta-BHC	4.131f	0.000	277502	0	0.076	N.D.	#
8)	B	Heptachlo...	4.715	5.638	101887	6889576	0.032	0.363	#
9)	A	Endosulfan I	0.000	6.044f	0	1616890	N.D.	0.095	#
10)	B	gamma-Chl...	4.934f	5.879	615796	5726604	0.188	0.309	#
11)	B	alpha-Chl...	0.000	5.971	0	5252578	N.D.	0.293	#
12)	B	4,4'-DDE	5.219	6.146	351674	3052113	0.116	0.172	#
13)	MA	Dieldrin	5.349	6.297	70747	1843586	0.022	0.106	#
14)	MA	Endrin	5.626	6.535	122.4E6	624.0E6	45.098	44.170	
15)	B	Endosulfa...	5.941f	6.765	195845	11172907	0.077	0.828	#
16)	A	4,4'-DDD	5.778	6.670	3467632	21701346	1.328	1.561	
17)	MA	4,4'-DDT	6.031	6.980	258.7E6	1260.4E6	98.702	89.341	
18)	B	Endrin al...	6.103	6.892	5170904	23446742	2.428	2.162	
19)	B	Endosulfa...	6.318	0.000	660964	0	0.244	N.D.	#
20)	A	Methoxychlor	6.610	7.458	346.7E6	1469.6E6	224.631	211.744	
21)	B	Endrin ke...	6.833	7.615	13252246	49981089	4.166	3.566	
22)		Mirex	0.000	8.050f	0	3192331	N.D.	0.344	#
23)		Chlordane-1	0.000	4.633f	0	3428153	N.D.	2.937	#
24)		Chlordane-2	4.340	5.195	79983	6641493	0.694	7.646	#
25)		Chlordane-3	4.934f	5.879f	615796	5726604	1.943	2.269	
26)		Chlordane-4	0.000	5.971	0	5252578	N.D.	1.837	#
27)		Chlordane-5	5.941	0.000	195845	0	1.891	N.D.	#

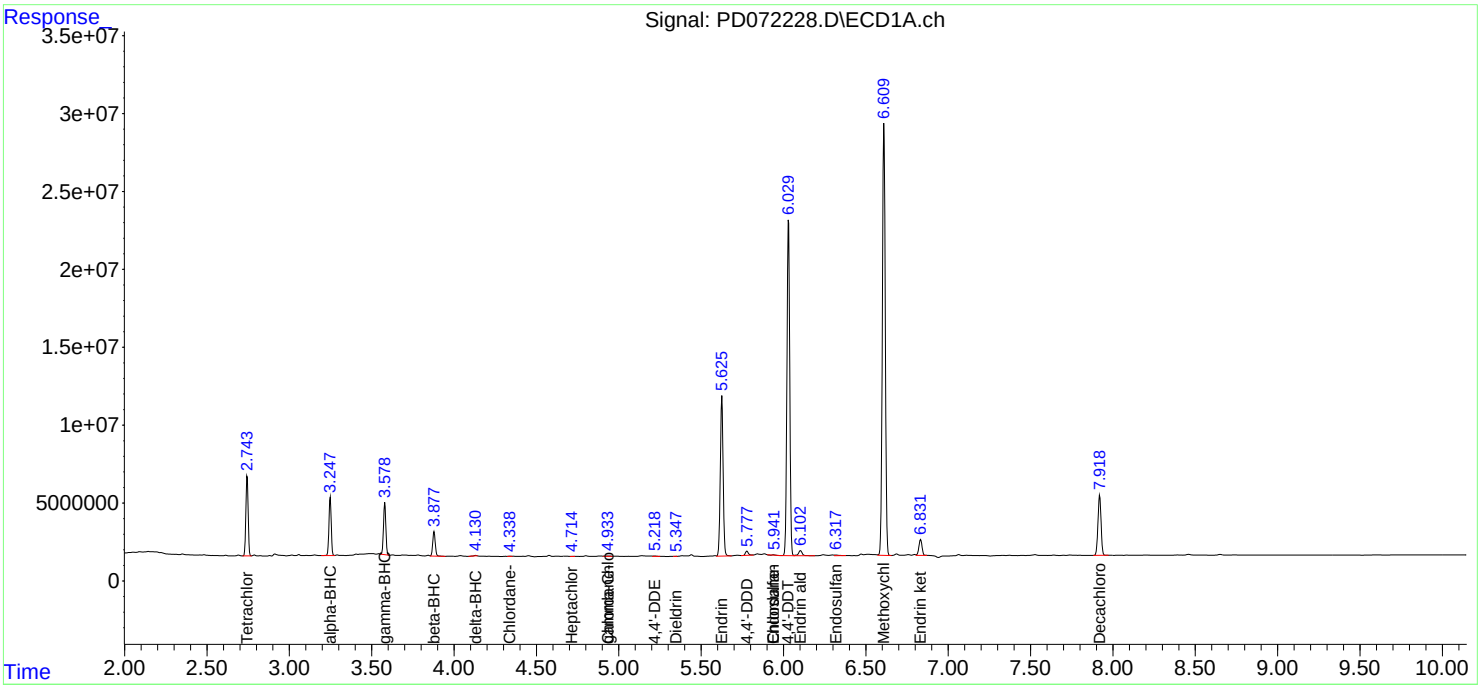
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

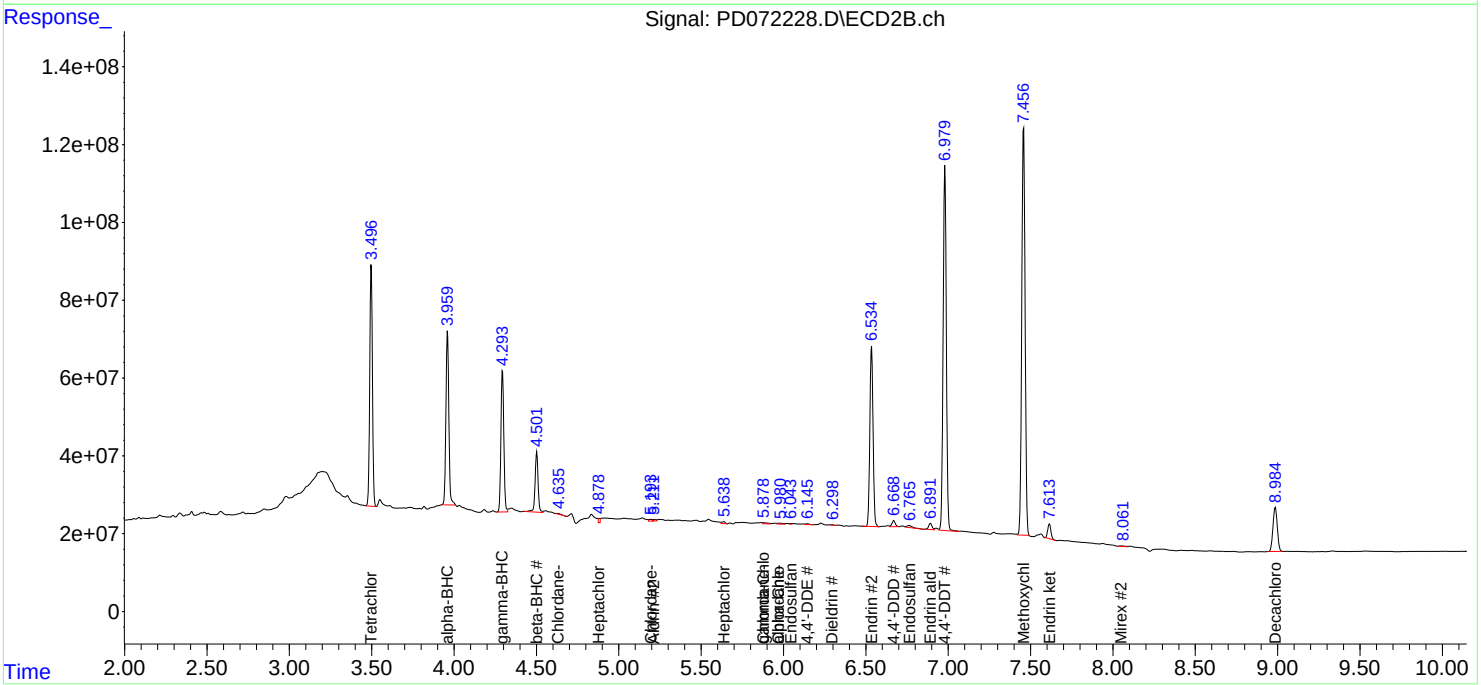
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100522\
Data File : PD072228.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Oct 2022 15:26
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

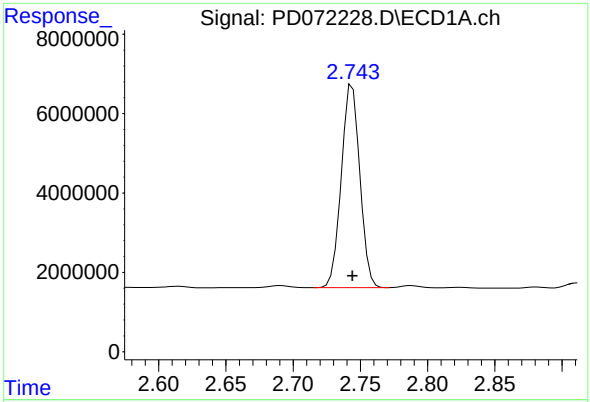
Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 05 16:15:52 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100522.M
Quant Title : GC Extractables
QLast Update : Wed Oct 05 15:15:26 2022
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



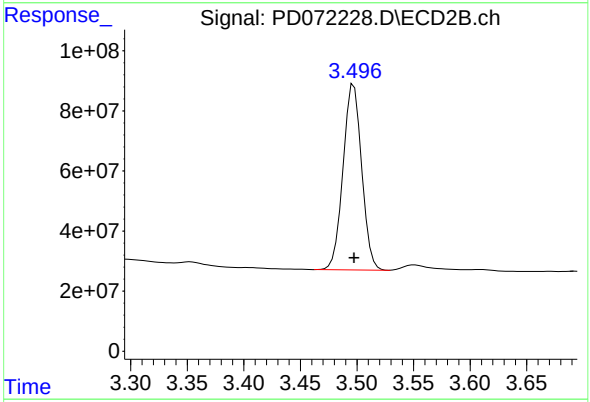




#1 Tetrachloro-m-xylene

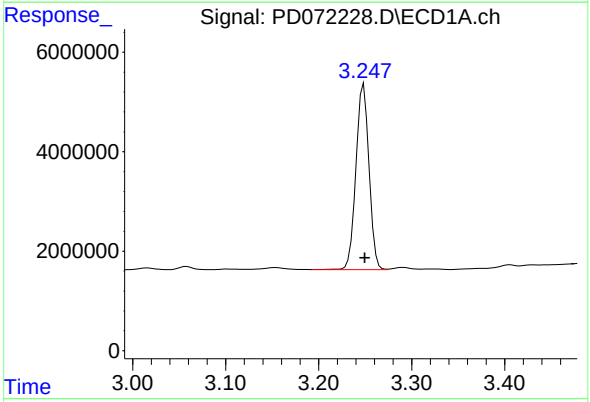
R.T.: 2.744 min
Delta R.T.: 0.000 min
Response: 48904146
Conc: 19.49 ng/ml

Instrument :
ECD_D
ClientSampleId :



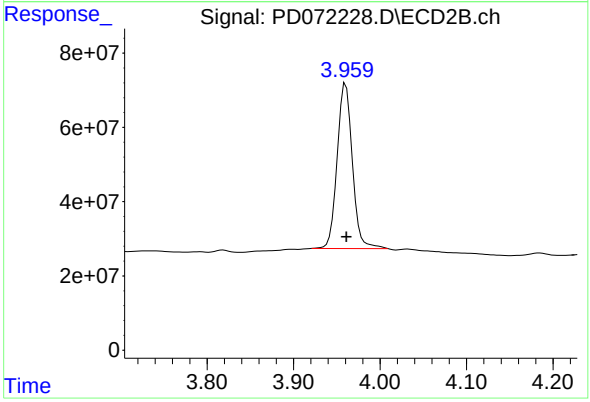
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: 0.000 min
Response: 707945518
Conc: 19.53 ng/ml



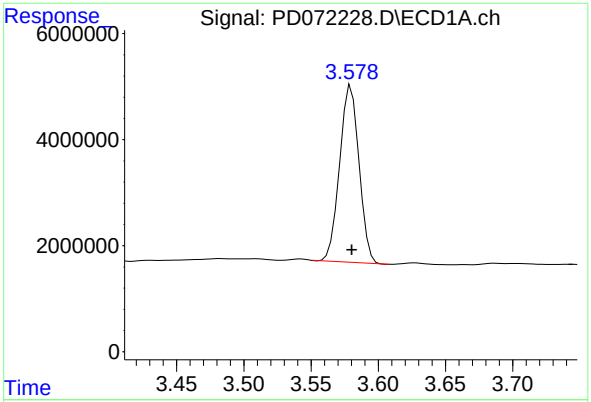
#2 alpha-BHC

R.T.: 3.248 min
Delta R.T.: 0.000 min
Response: 36460962
Conc: 9.11 ng/ml



#2 alpha-BHC

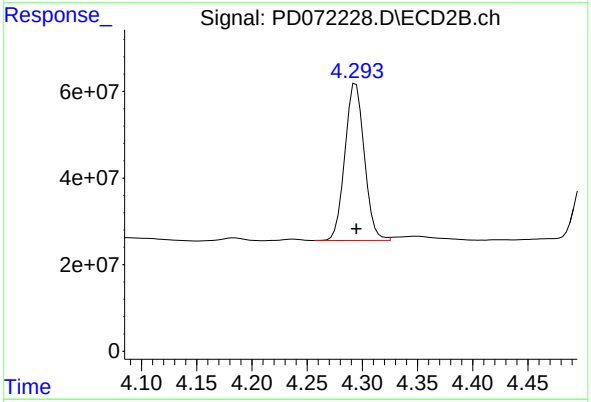
R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 540704672
Conc: 10.64 ng/ml



#3 gamma-BHC (Lindane)

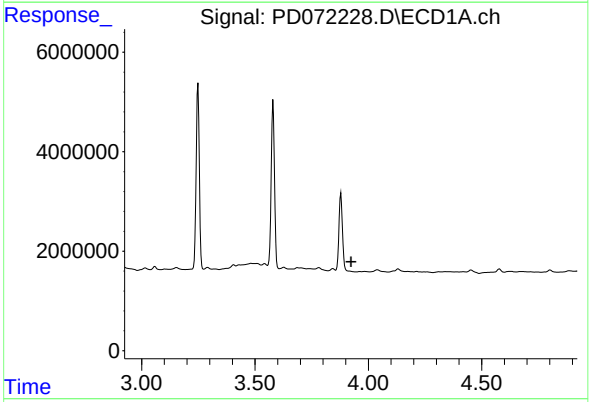
R.T.: 3.580 min
Delta R.T.: 0.000 min
Response: 33395826
Conc: 9.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



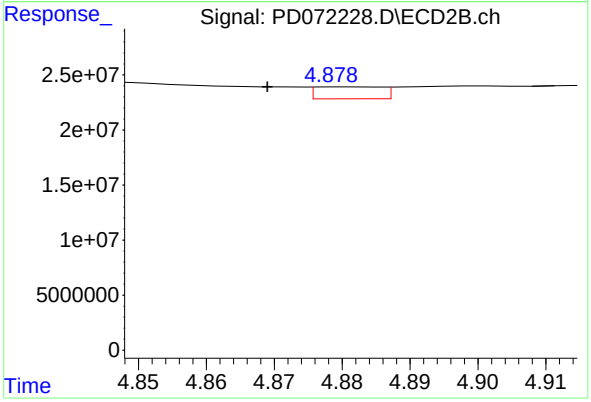
#3 gamma-BHC (Lindane)

R.T.: 4.294 min
Delta R.T.: 0.000 min
Response: 443801390
Conc: 10.71 ng/ml



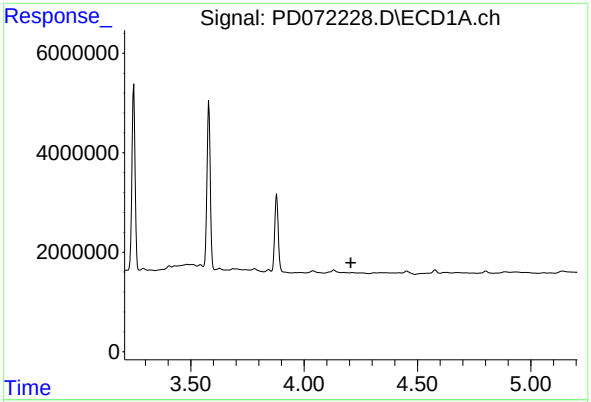
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 3.924 min
Response: 0
Conc: N.D.



#4 Heptachlor

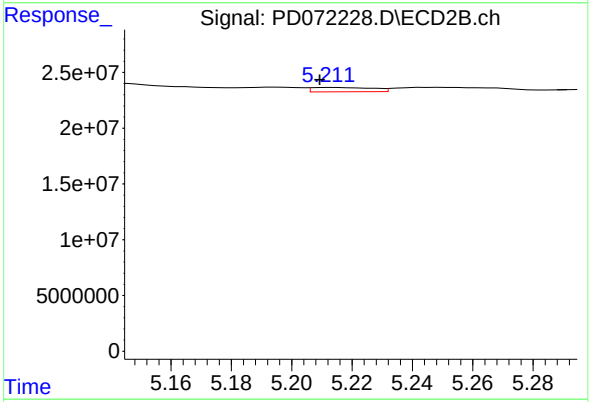
R.T.: 4.881 min
Delta R.T.: 0.012 min
Response: 7443705
Conc: 0.25 ng/ml



#5 Aldrin

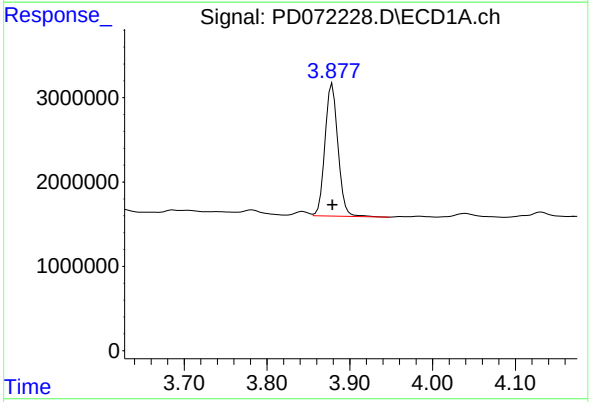
R.T.: 0.000 min
Exp R.T. : 4.205 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



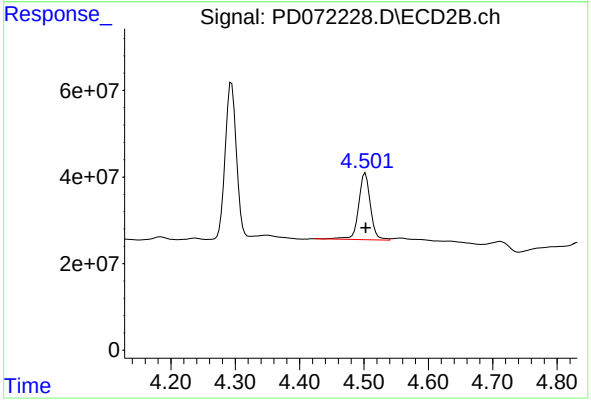
#5 Aldrin

R.T.: 5.214 min
Delta R.T.: 0.004 min
Response: 5420540
Conc: 0.22 ng/ml



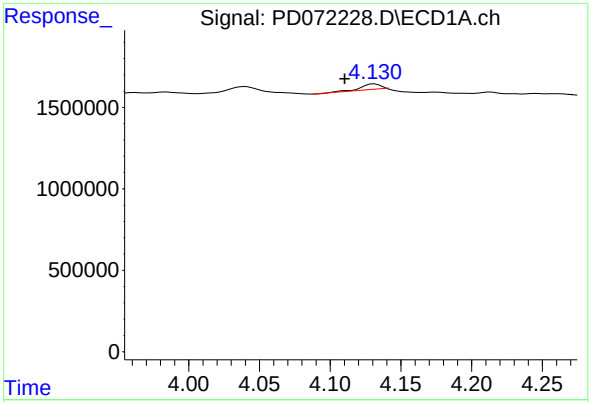
#6 beta-BHC

R.T.: 3.879 min
Delta R.T.: 0.000 min
Response: 17097379
Conc: 10.57 ng/ml



#6 beta-BHC

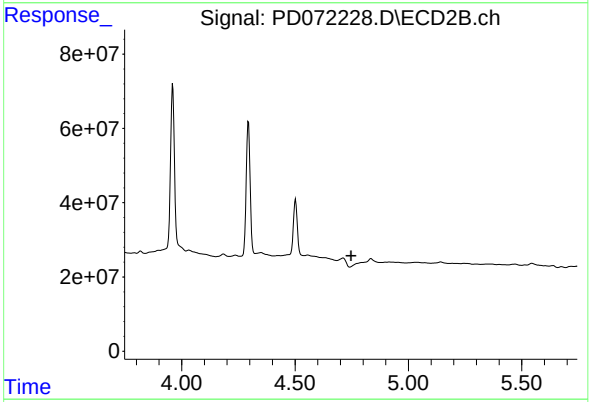
R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 196104454
Conc: 11.77 ng/ml



#7 delta-BHC

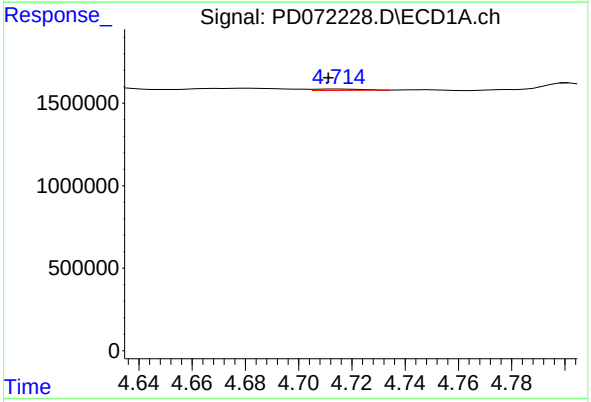
R.T.: 4.131 min
Delta R.T.: 0.021 min
Response: 277502
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



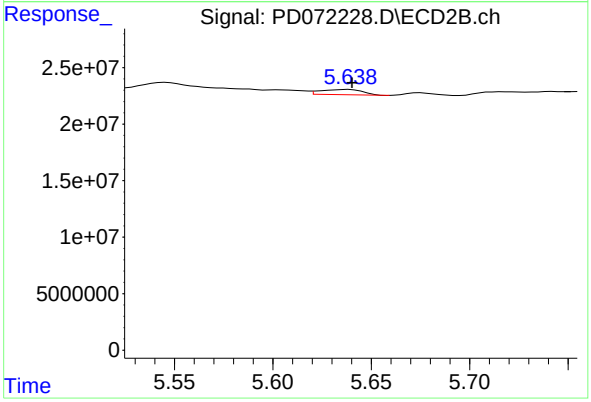
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.748 min
Response: 0
Conc: N.D.



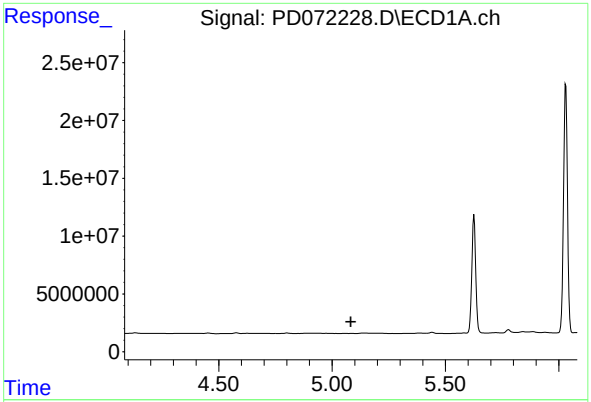
#8 Heptachlor epoxide

R.T.: 4.715 min
Delta R.T.: 0.004 min
Response: 101887
Conc: 0.03 ng/ml



#8 Heptachlor epoxide

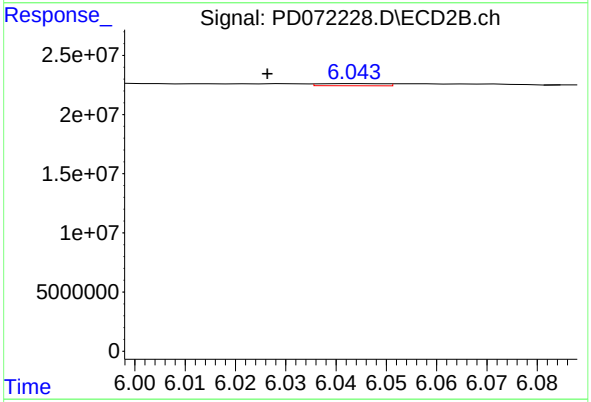
R.T.: 5.638 min
Delta R.T.: -0.002 min
Response: 6889576
Conc: 0.36 ng/ml



#9 Endosulfan I

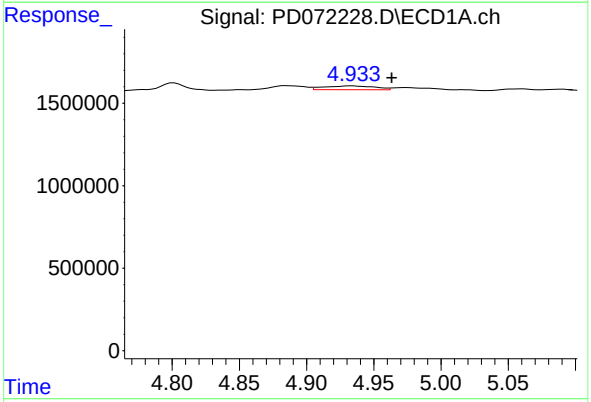
R.T.: 0.000 min
Exp R.T. : 5.083 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



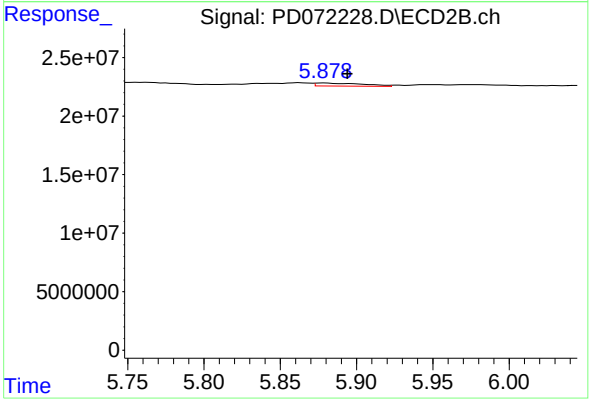
#9 Endosulfan I

R.T.: 6.044 min
Delta R.T.: 0.018 min
Response: 1616890
Conc: 0.10 ng/ml



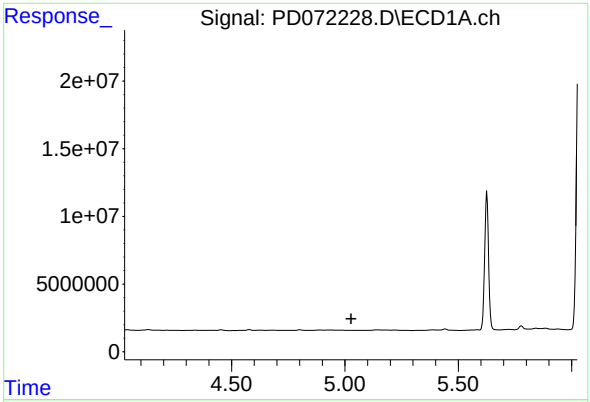
#10 gamma-Chlordane

R.T.: 4.934 min
Delta R.T.: -0.029 min
Response: 615796
Conc: 0.19 ng/ml



#10 gamma-Chlordane

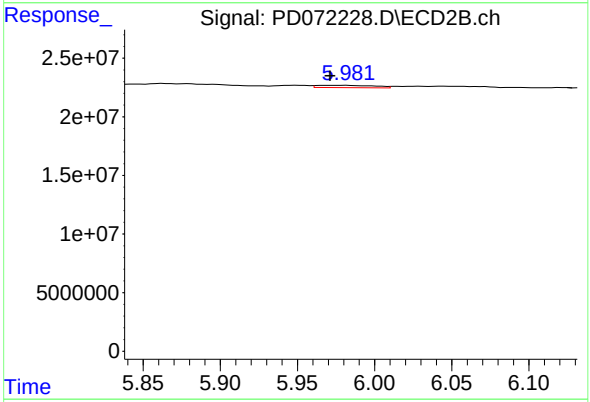
R.T.: 5.879 min
Delta R.T.: -0.015 min
Response: 5726604
Conc: 0.31 ng/ml



#11 alpha-Chlordane

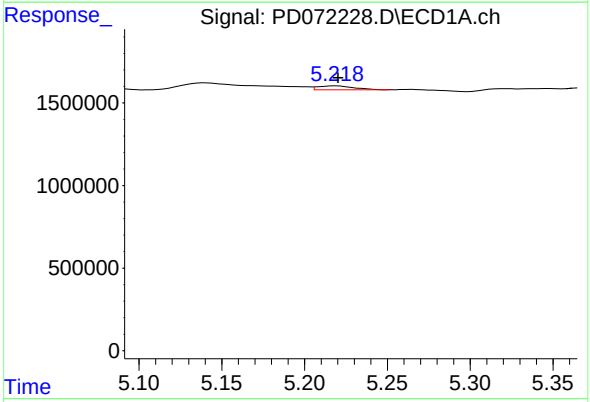
R.T.: 0.000 min
Exp R.T. : 5.028 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



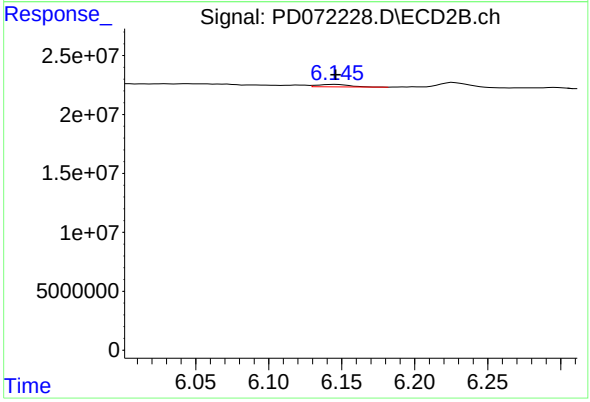
#11 alpha-Chlordane

R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 5252578
Conc: 0.29 ng/ml



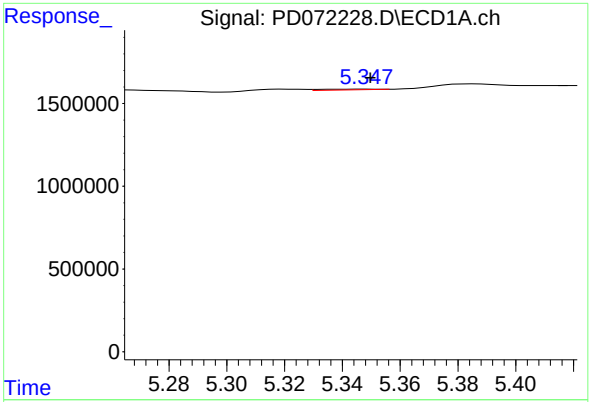
#12 4,4'-DDE

R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 351674
Conc: 0.12 ng/ml



#12 4,4'-DDE

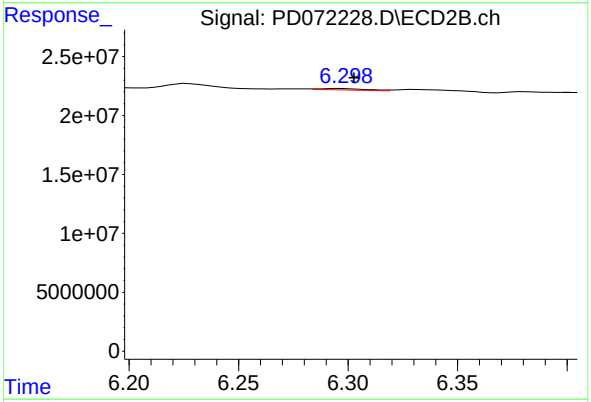
R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 3052113
Conc: 0.17 ng/ml



#13 Dieldrin

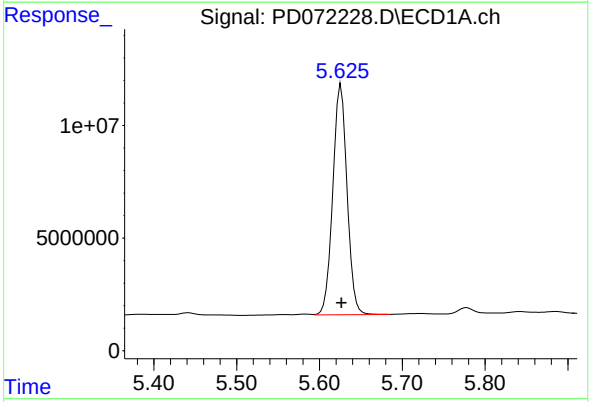
R.T.: 5.349 min
Delta R.T.: -0.001 min
Response: 70747
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



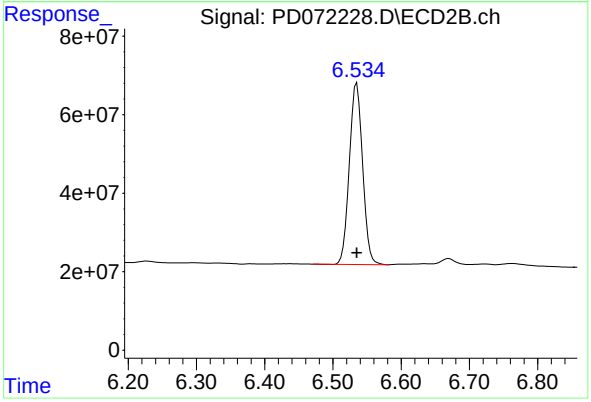
#13 Dieldrin

R.T.: 6.297 min
Delta R.T.: -0.006 min
Response: 1843586
Conc: 0.11 ng/ml



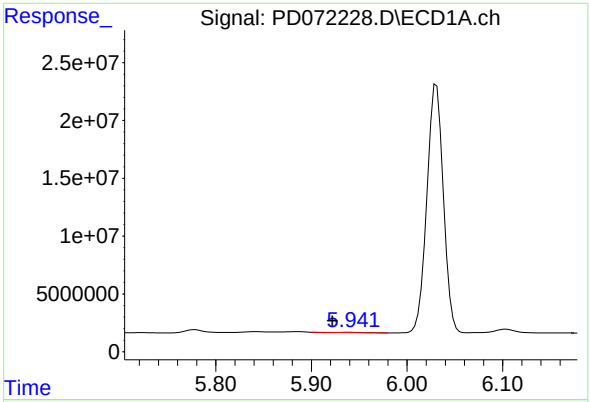
#14 Endrin

R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 122383588
Conc: 45.10 ng/ml



#14 Endrin

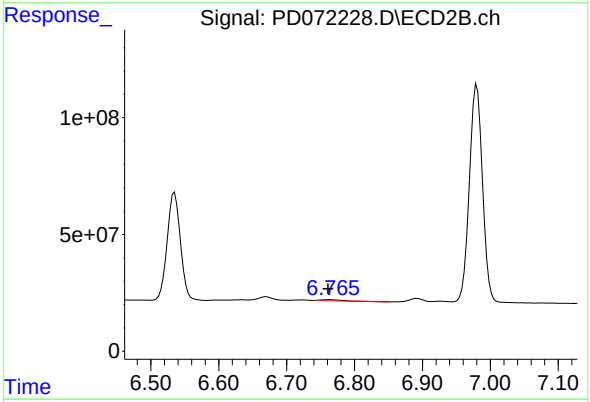
R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 623990874
Conc: 44.17 ng/ml



#15 Endosulfan II

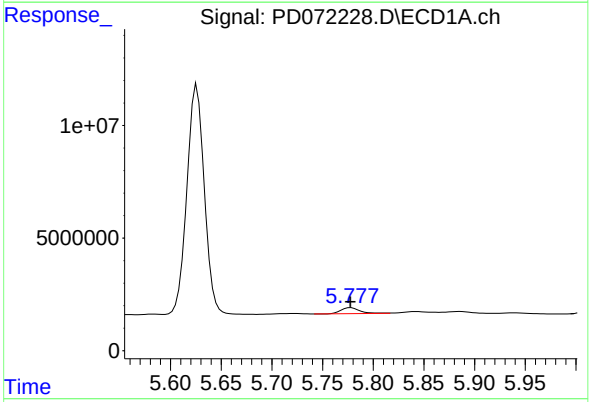
R.T.: 5.941 min
Delta R.T.: 0.019 min
Response: 195845
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



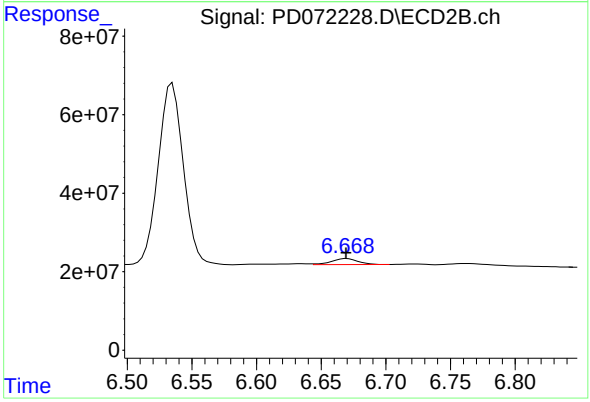
#15 Endosulfan II

R.T.: 6.765 min
Delta R.T.: 0.004 min
Response: 11172907
Conc: 0.83 ng/ml



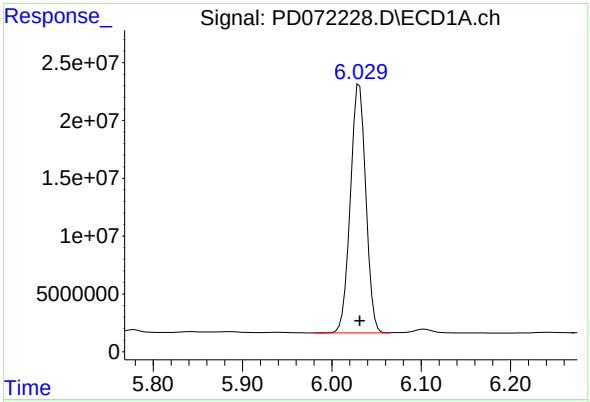
#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 3467632
Conc: 1.33 ng/ml



#16 4,4'-DDD

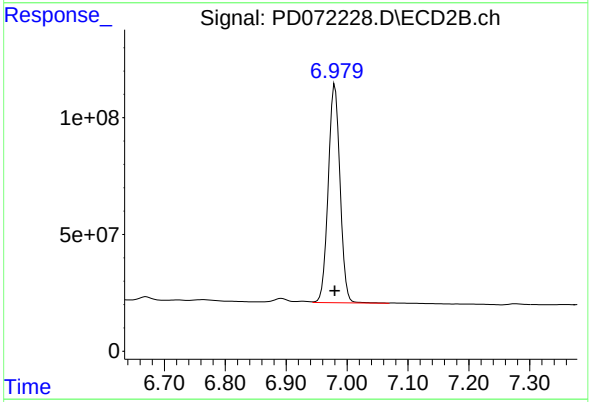
R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 21701346
Conc: 1.56 ng/ml



#17 4,4'-DDT

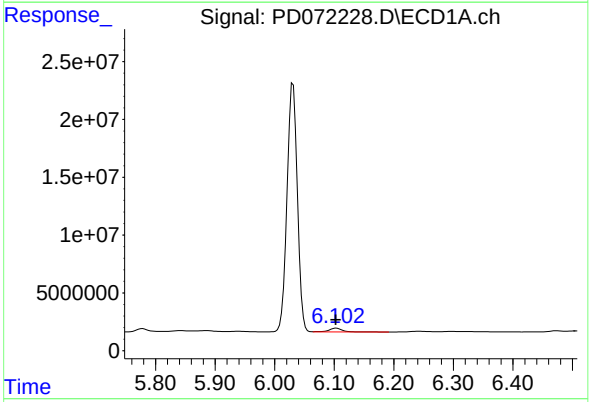
R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 258714698
Conc: 98.70 ng/ml

Instrument :
ECD_D
ClientSampleId :



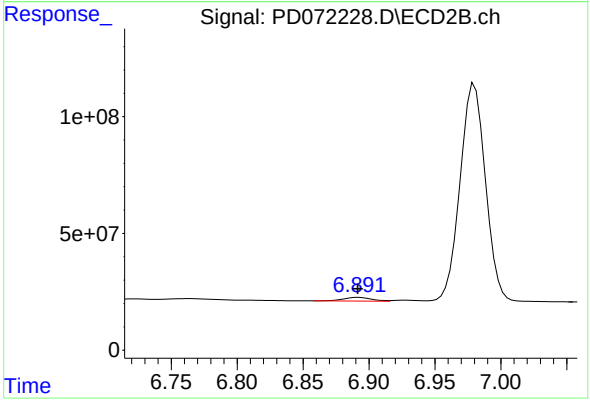
#17 4,4'-DDT

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 1260417227
Conc: 89.34 ng/ml



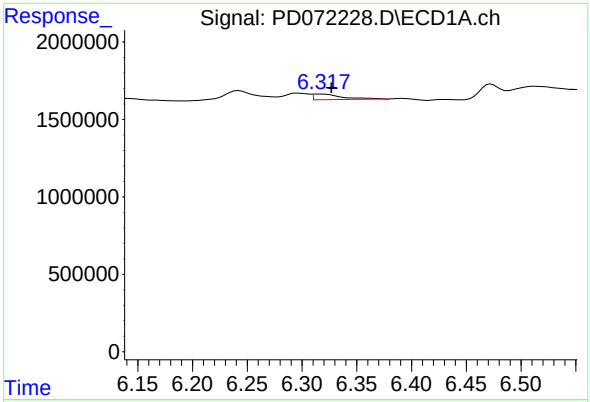
#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 5170904
Conc: 2.43 ng/ml



#18 Endrin aldehyde

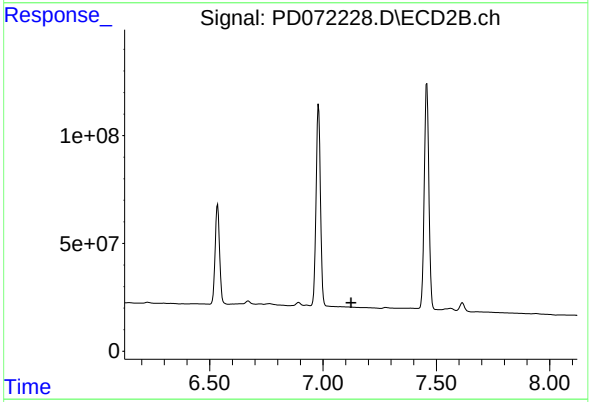
R.T.: 6.892 min
Delta R.T.: 0.000 min
Response: 23446742
Conc: 2.16 ng/ml



#19 Endosulfan Sulfate

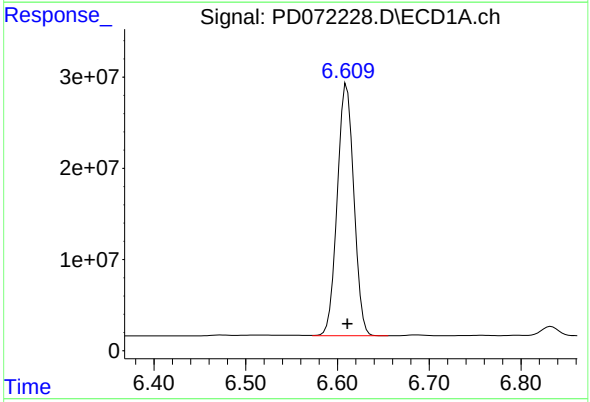
R.T.: 6.318 min
Delta R.T.: -0.008 min
Response: 660964
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



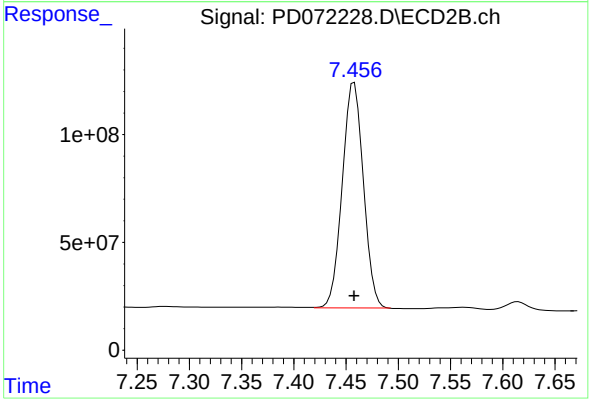
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.124 min
Response: 0
Conc: N.D.



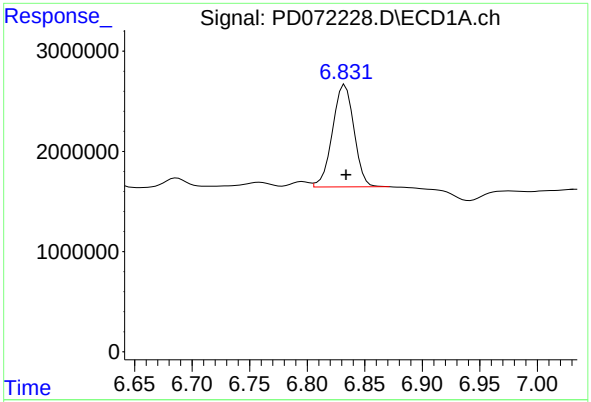
#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 346682890
Conc: 224.63 ng/ml



#20 Methoxychlor

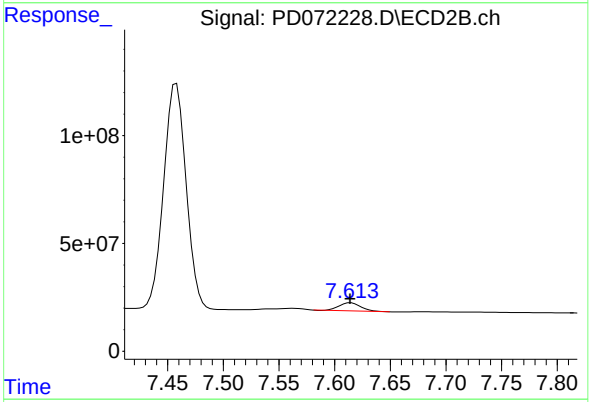
R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 1469560374
Conc: 211.74 ng/ml



#21 Endrin ketone

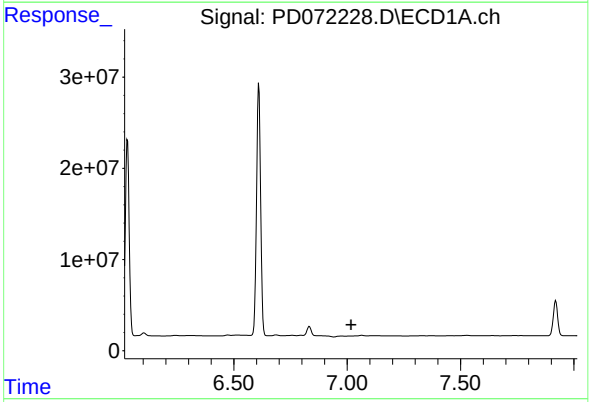
R.T.: 6.833 min
Delta R.T.: -0.001 min
Response: 13252246
Conc: 4.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



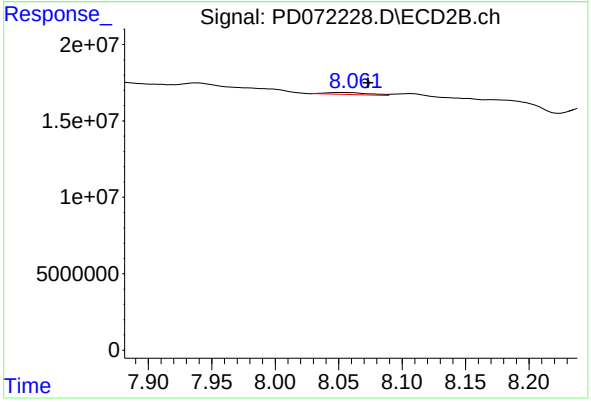
#21 Endrin ketone

R.T.: 7.615 min
Delta R.T.: 0.000 min
Response: 49981089
Conc: 3.57 ng/ml



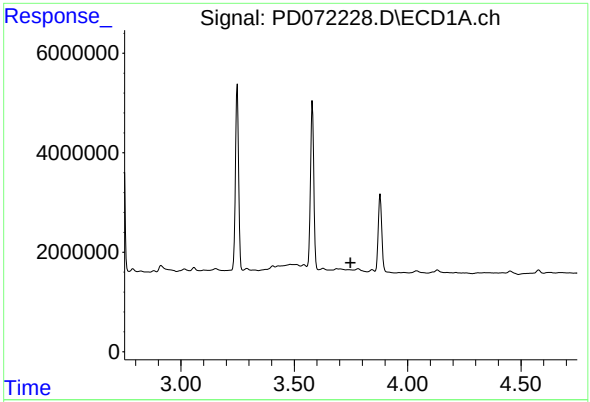
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.018 min
Response: 0
Conc: N.D.



#22 Mirex

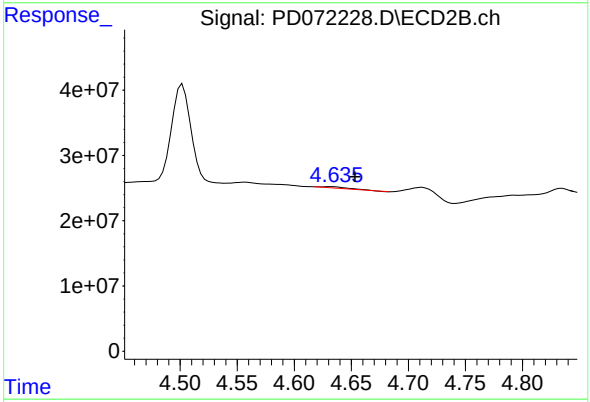
R.T.: 8.050 min
Delta R.T.: -0.023 min
Response: 3192331
Conc: 0.34 ng/ml



#23 Chlordane-1

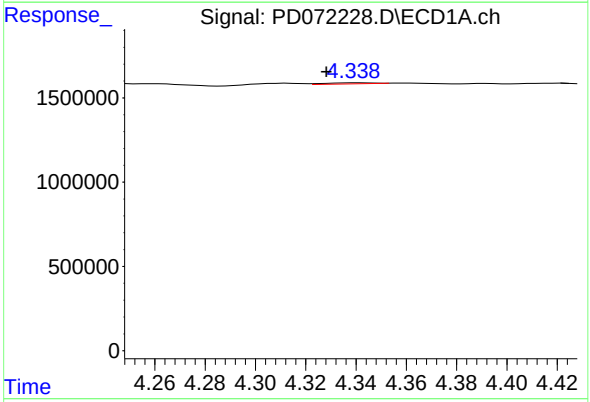
R.T.: 0.000 min
Exp R.T. : 3.748 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



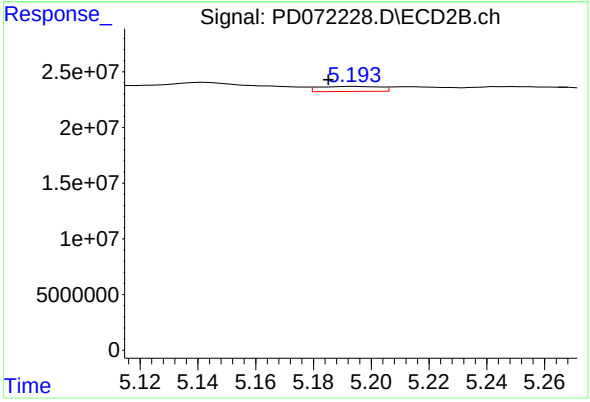
#23 Chlordane-1

R.T.: 4.633 min
Delta R.T.: -0.020 min
Response: 3428153
Conc: 2.94 ng/ml



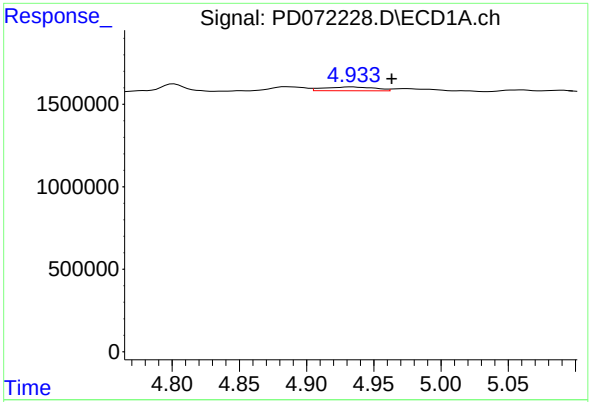
#24 Chlordane-2

R.T.: 4.340 min
Delta R.T.: 0.012 min
Response: 79983
Conc: 0.69 ng/ml



#24 Chlordane-2

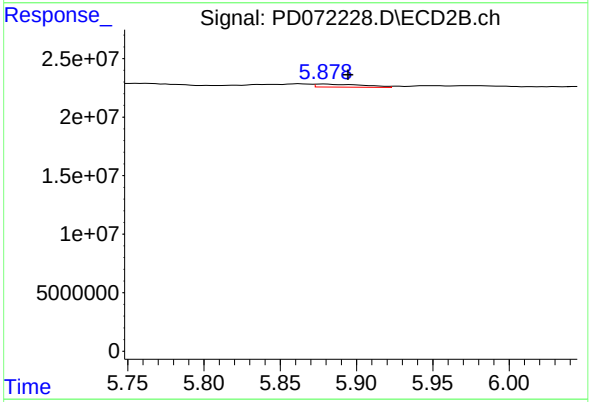
R.T.: 5.195 min
Delta R.T.: 0.009 min
Response: 6641493
Conc: 7.65 ng/ml



#25 Chlordane-3

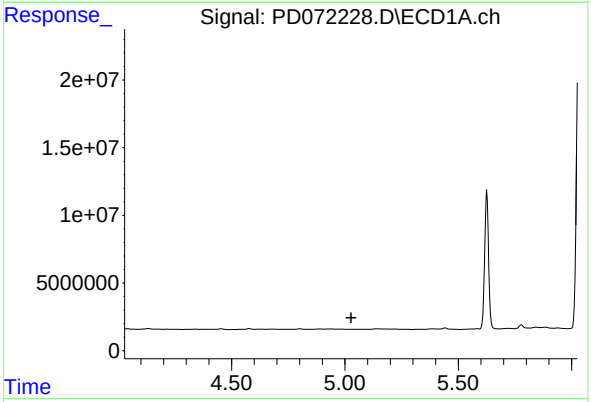
R.T.: 4.934 min
Delta R.T.: -0.029 min
Response: 615796
Conc: 1.94 ng/ml

Instrument :
ECD_D
ClientSampleId :



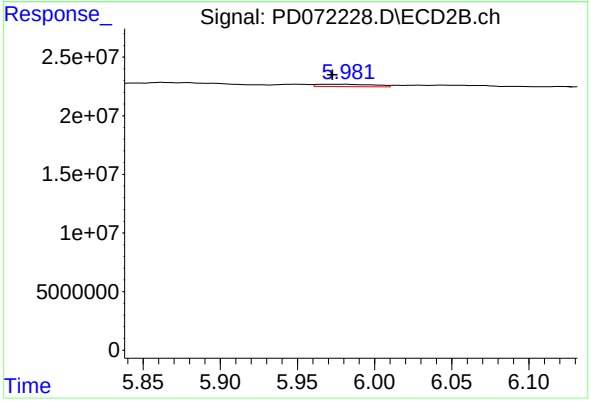
#25 Chlordane-3

R.T.: 5.879 min
Delta R.T.: -0.015 min
Response: 5726604
Conc: 2.27 ng/ml



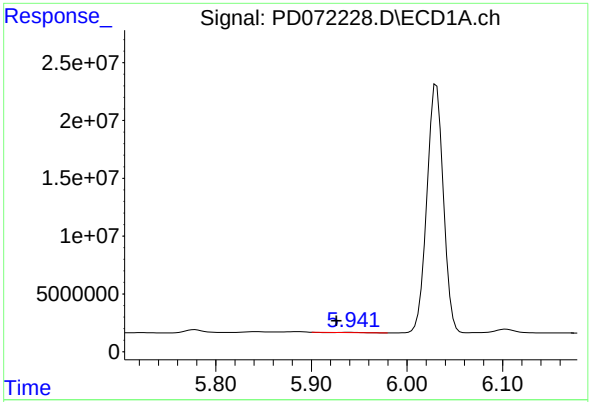
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.027 min
Response: 0
Conc: N.D.



#26 Chlordane-4

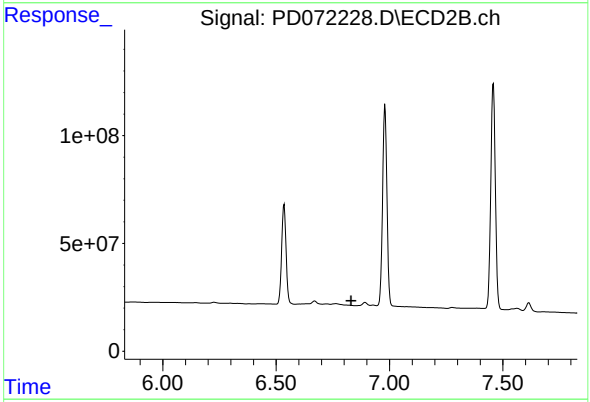
R.T.: 5.971 min
Delta R.T.: -0.002 min
Response: 5252578
Conc: 1.84 ng/ml



#27 Chlordane-5

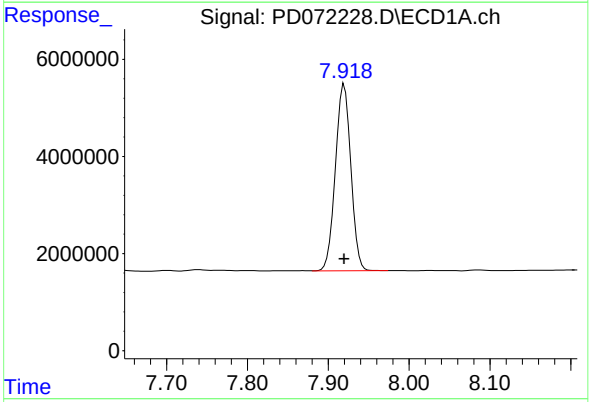
R.T.: 5.941 min
Delta R.T.: 0.014 min
Response: 195845
Conc: 1.89 ng/ml

Instrument :
ECD_D
ClientSampleId :



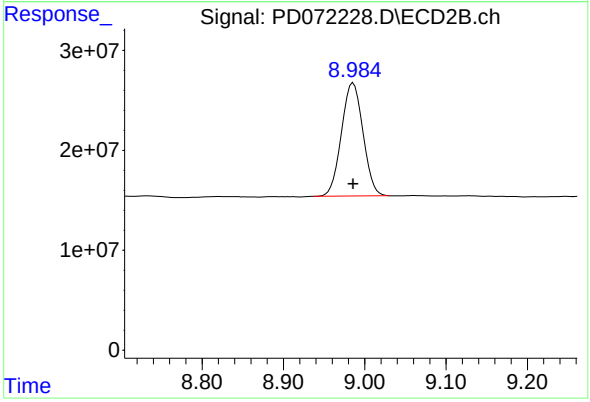
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.831 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: 0.000 min
Response: 51009091
Conc: 20.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.986 min
Delta R.T.: 0.000 min
Response: 208225340
Conc: 20.73 ng/ml