

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032023\
 Data File : PD074293.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2023 13:52
 Operator : AR\AJ
 Sample : 01627-09
 Misc : PEST MDL 1PPB WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 21:23:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 15 12:23:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.552	2.771	40015280	21439428	17.155	17.617
28)	SA Decachlor...	9.094	7.923	53269226	23249248	19.917	18.949
Target Compounds							
2)	A alpha-BHC	4.008	3.274	2981241	1732044	0.768	0.932
3)	MA gamma-BHC...	4.342	3.604	2985228	1748387	0.851	1.021
4)	MA Heptachlor	4.934	3.946	3517944	1702816	1.027	0.998
5)	MB Aldrin	5.276	4.227	3520370	1743270	1.045	1.033
6)	B beta-BHC	4.536	3.900	1085914	1222052	0.735	1.618 #
7)	B delta-BHC	4.783	4.131	3293979	1477717	1.200	0.868 #
8)	B Heptachlo...	5.702	4.729	1806280	1458654	0.642	0.950 #
9)	A Endosulfan I	6.090	5.100	2926948	1299854	1.029	0.903
10)	B gamma-Chl...	5.960	4.980	2841571	1659137	0.947	1.069
11)	B alpha-Chl...	6.040	5.045	3079030	1550094	1.021	1.007
12)	B 4,4'-DDE	6.211	5.234	2410174	1178678	0.874	0.835
13)	MA Dieldrin	6.366	5.365	2899641	1374554	0.983	0.914
14)	MA Endrin	6.596	5.641	1980254	1488185	0.797	1.139 #
15)	B Endosulfa...	0.000	5.934	0	1489735	N.D.	1.184 #
16)	A 4,4'-DDD	6.729	5.789	2241063	942462	0.999	0.807
17)	MA 4,4'-DDT	7.044	6.041	2657752	1028544	1.043	0.838
18)	B Endrin al...	6.945	6.115	2428534	1745899	1.215	1.719 #
19)	B Endosulfa...	7.180	6.337	2815064	1294988	1.140	1.061
20)	A Methoxychlor	7.520	6.617	1611579	672965	1.152	0.995
21)	B Endrin ke...	7.666	6.843	4215445	1635580	1.514	1.109 #
22)	Mirex	8.142	7.028	3068850	1293557	1.445	1.139
24)	Chlordane-2	5.276f	0.000	3520370	0	26.273	N.D. #
25)	Chlordane-3	5.960	4.980	2841571	1659137	5.744	9.884 #
26)	Chlordane-4	6.040	5.045	3079030	1550094	5.125	9.608 #
27)	Chlordane-5	0.000	5.934	0	1489735	N.D.	24.680 #

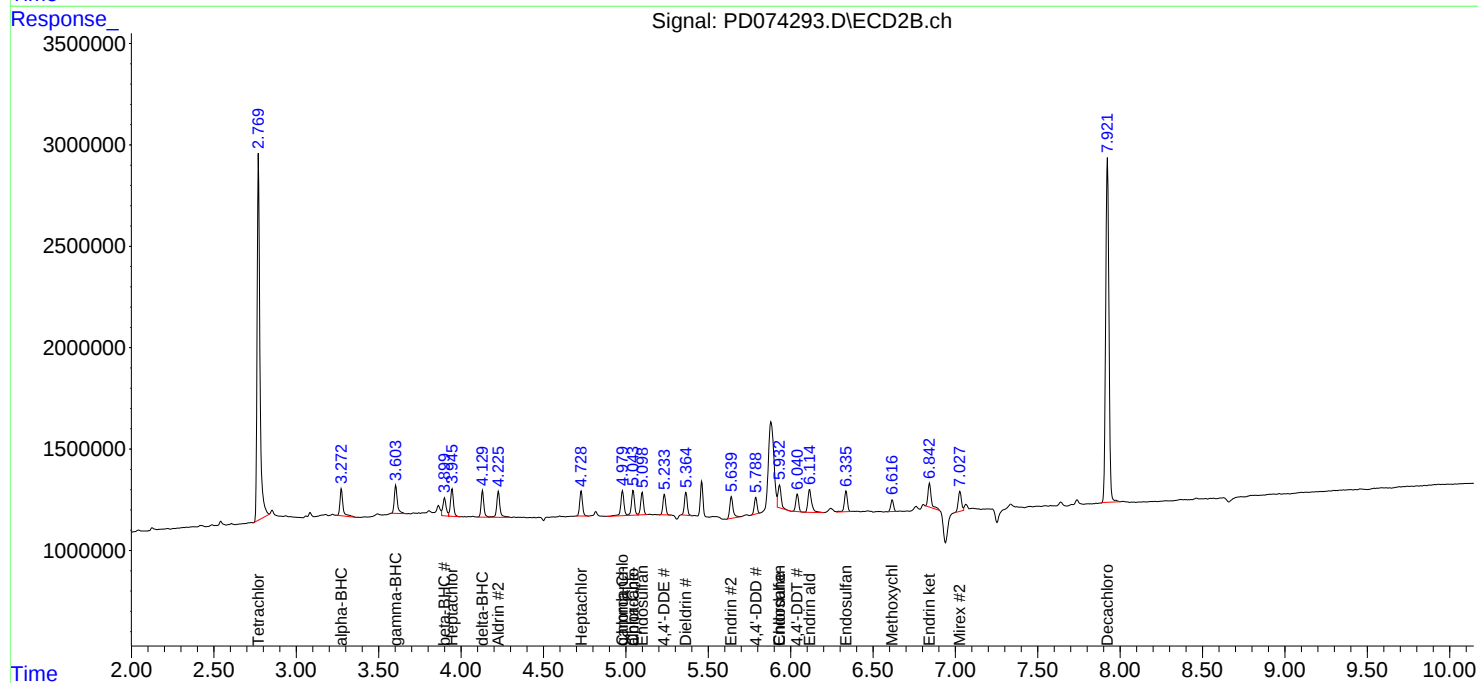
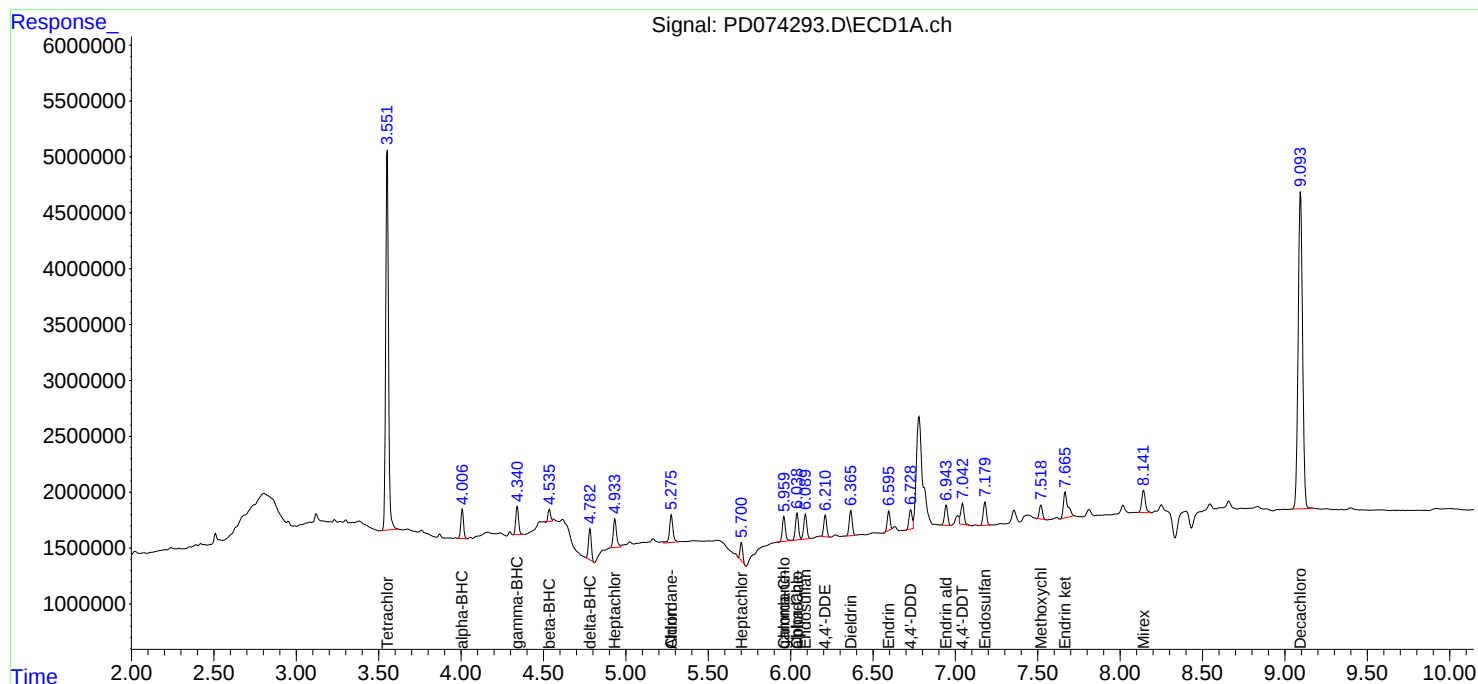
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

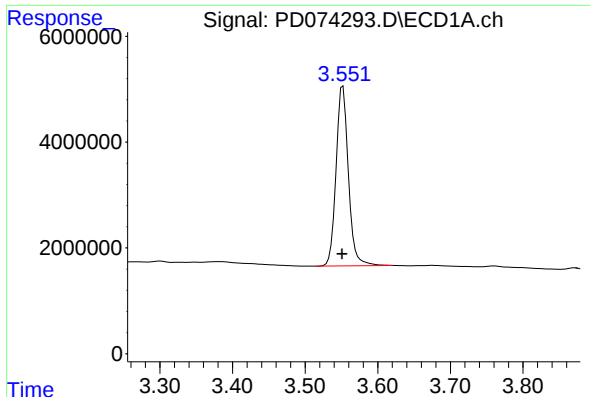
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032023\
Data File : PD074293.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Mar 2023 13:52
Operator : AR\AJ
Sample : 01627-09
Misc : PEST MDL 1PPB WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 20 21:23:29 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
Quant Title : GC Extractables
QLast Update : Wed Mar 15 12:23:31 2023
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Volume Inj. : 2 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

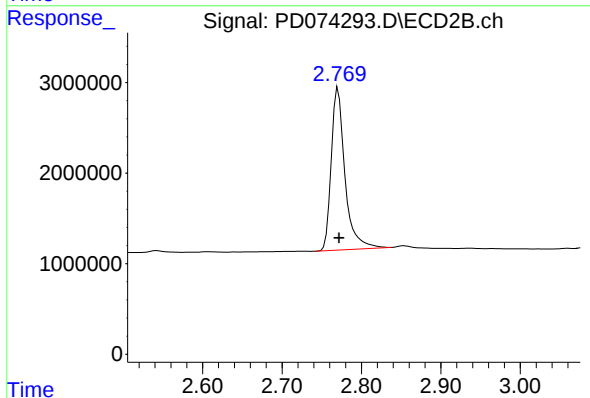




#1 Tetrachloro-m-xylene

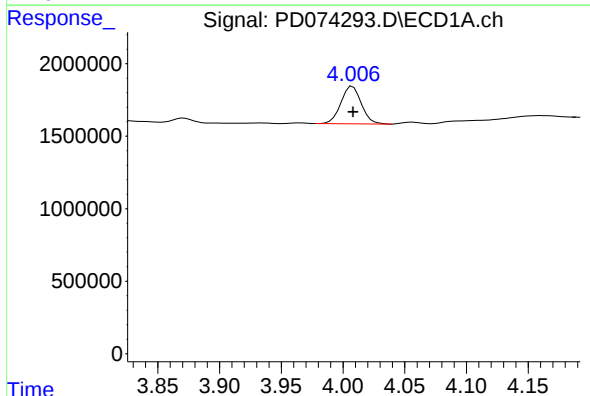
R.T.: 3.552 min
Delta R.T.: 0.001 min
Response: 40015280
Conc: 17.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



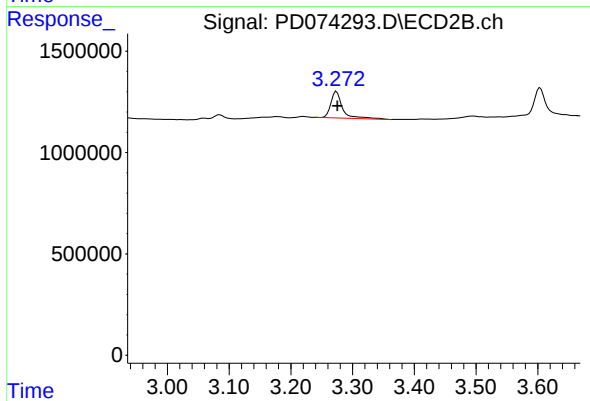
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: -0.001 min
Response: 21439428
Conc: 17.62 ng/ml



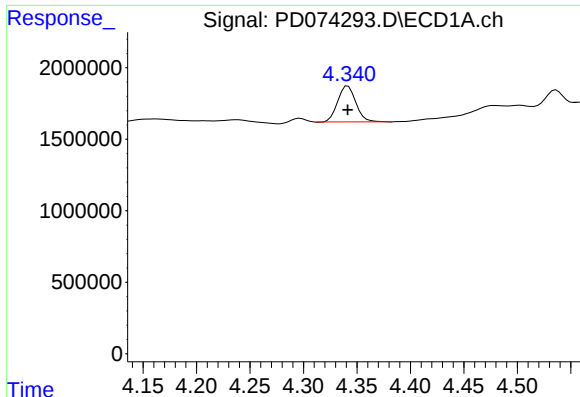
#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 2981241
Conc: 0.77 ng/ml



#2 alpha-BHC

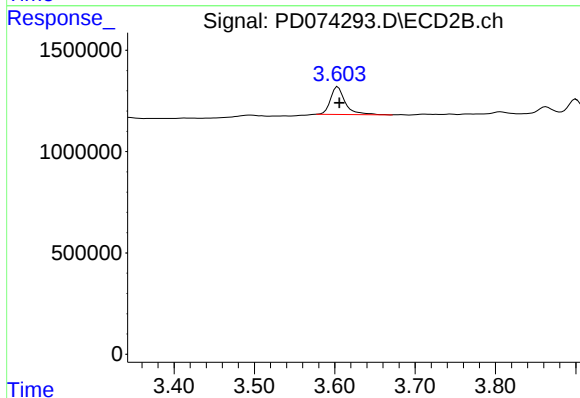
R.T.: 3.274 min
Delta R.T.: -0.002 min
Response: 1732044
Conc: 0.93 ng/ml



#3 gamma-BHC (Lindane)

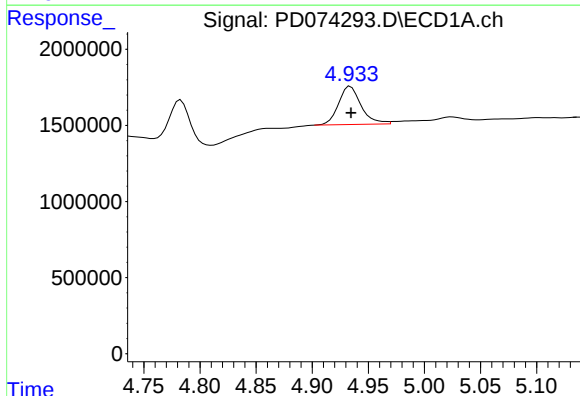
R.T.: 4.342 min
Delta R.T.: 0.000 min
Response: 2985228
Conc: 0.85 ng/ml

Instrument :
ECD_D
ClientSampleId :



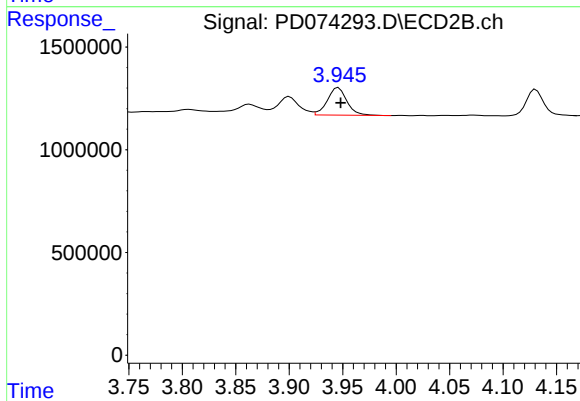
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: -0.002 min
Response: 1748387
Conc: 1.02 ng/ml



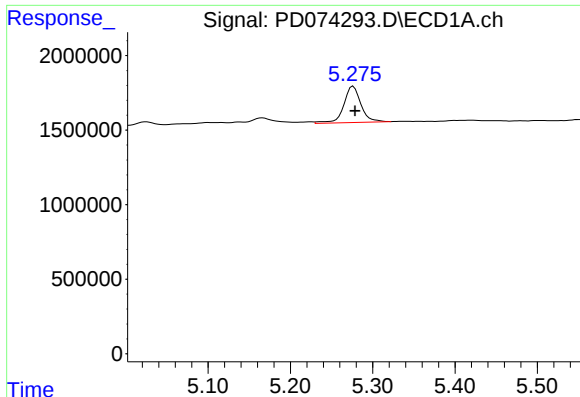
#4 Heptachlor

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 3517944
Conc: 1.03 ng/ml



#4 Heptachlor

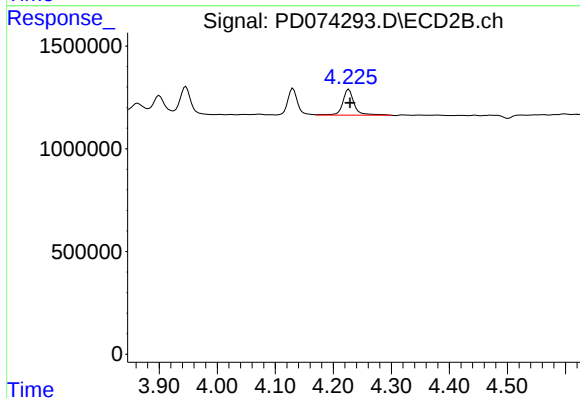
R.T.: 3.946 min
Delta R.T.: -0.002 min
Response: 1702816
Conc: 1.00 ng/ml



#5 Aldrin

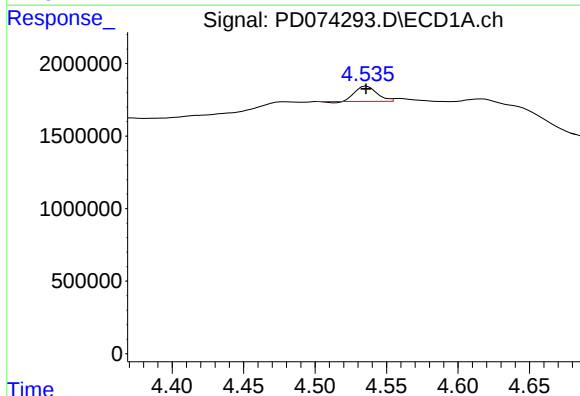
R.T.: 5.276 min
Delta R.T.: -0.002 min
Response: 3520370
Conc: 1.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



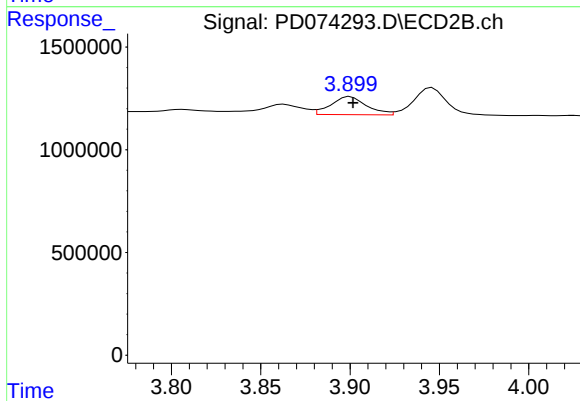
#5 Aldrin

R.T.: 4.227 min
Delta R.T.: -0.002 min
Response: 1743270
Conc: 1.03 ng/ml



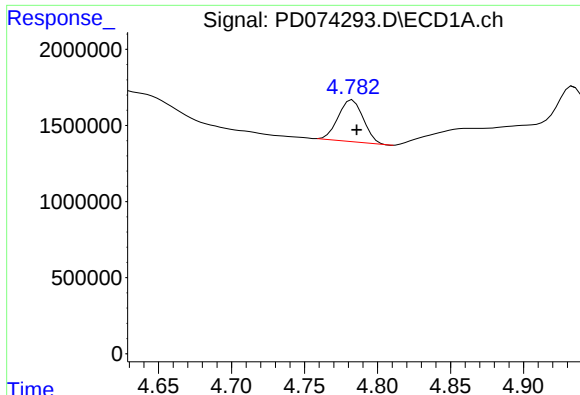
#6 beta-BHC

R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 1085914
Conc: 0.73 ng/ml



#6 beta-BHC

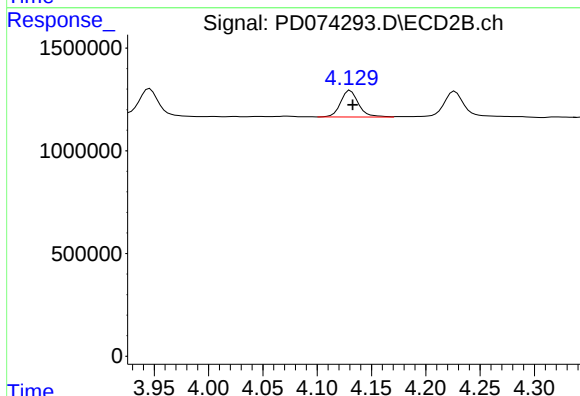
R.T.: 3.900 min
Delta R.T.: -0.001 min
Response: 1222052
Conc: 1.62 ng/ml



#7 delta-BHC

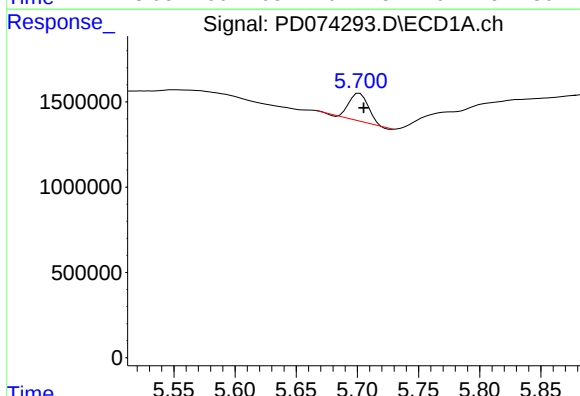
R.T.: 4.783 min
Delta R.T.: -0.003 min
Response: 3293979
Conc: 1.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



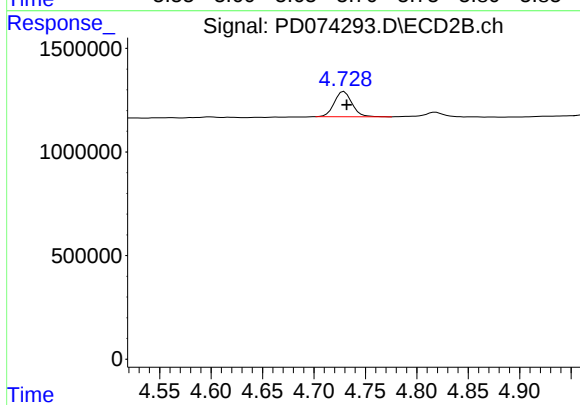
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.002 min
Response: 1477717
Conc: 0.87 ng/ml



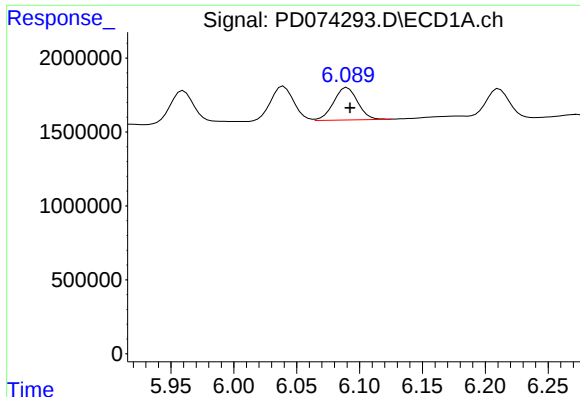
#8 Heptachlor epoxide

R.T.: 5.702 min
Delta R.T.: -0.003 min
Response: 1806280
Conc: 0.64 ng/ml



#8 Heptachlor epoxide

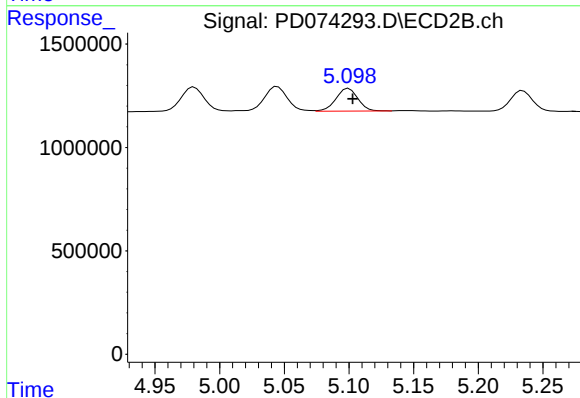
R.T.: 4.729 min
Delta R.T.: -0.003 min
Response: 1458654
Conc: 0.95 ng/ml



#9 Endosulfan I

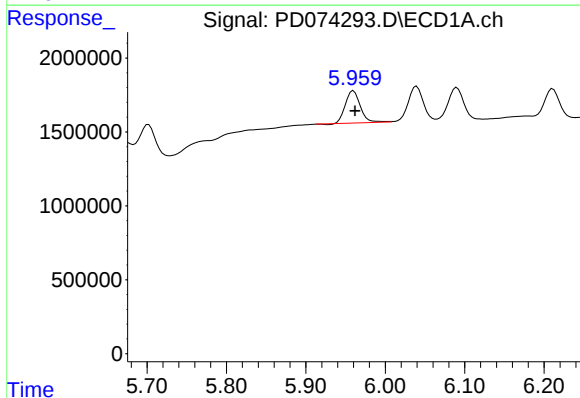
R.T.: 6.090 min
Delta R.T.: -0.002 min
Response: 2926948
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



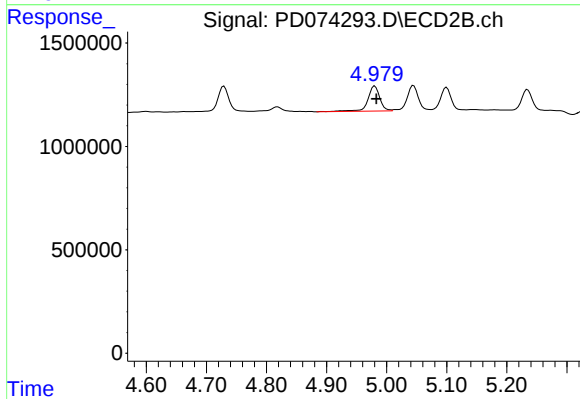
#9 Endosulfan I

R.T.: 5.100 min
Delta R.T.: -0.003 min
Response: 1299854
Conc: 0.90 ng/ml



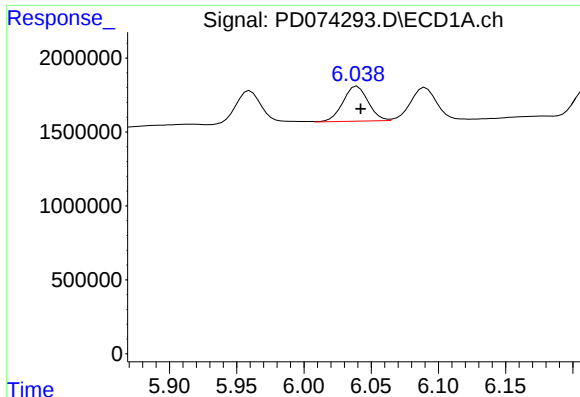
#10 gamma-Chlordane

R.T.: 5.960 min
Delta R.T.: -0.002 min
Response: 2841571
Conc: 0.95 ng/ml



#10 gamma-Chlordane

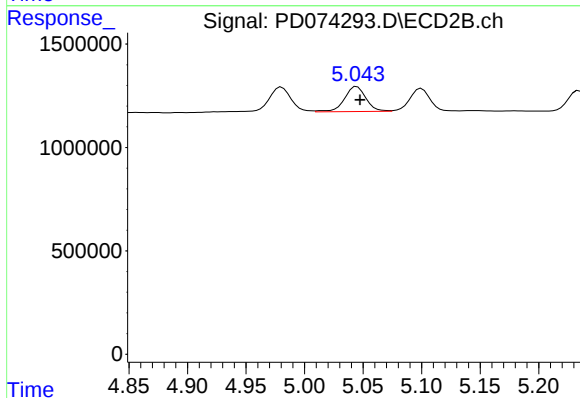
R.T.: 4.980 min
Delta R.T.: -0.003 min
Response: 1659137
Conc: 1.07 ng/ml



#11 alpha-Chlordane

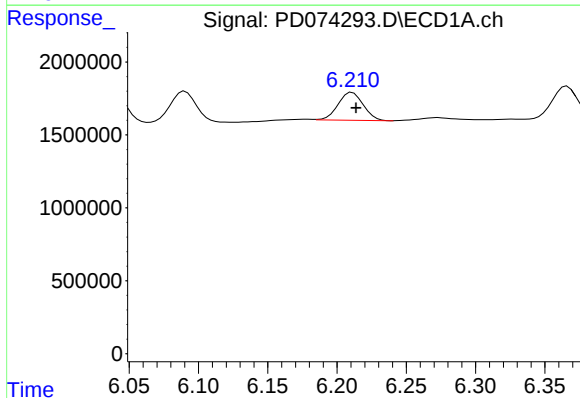
R.T.: 6.040 min
Delta R.T.: -0.003 min
Response: 3079030
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



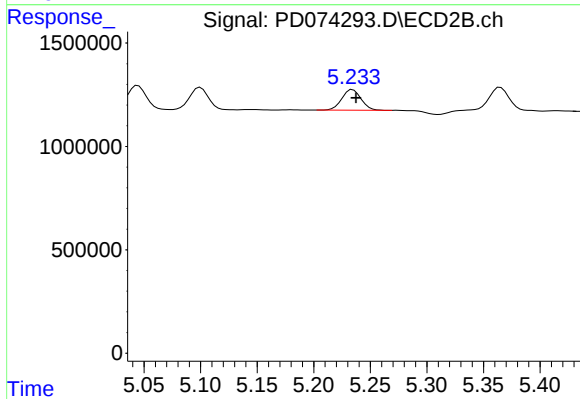
#11 alpha-Chlordane

R.T.: 5.045 min
Delta R.T.: -0.003 min
Response: 1550094
Conc: 1.01 ng/ml



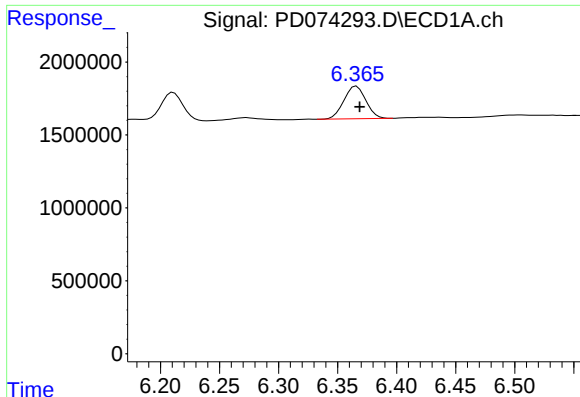
#12 4,4'-DDE

R.T.: 6.211 min
Delta R.T.: -0.003 min
Response: 2410174
Conc: 0.87 ng/ml



#12 4,4'-DDE

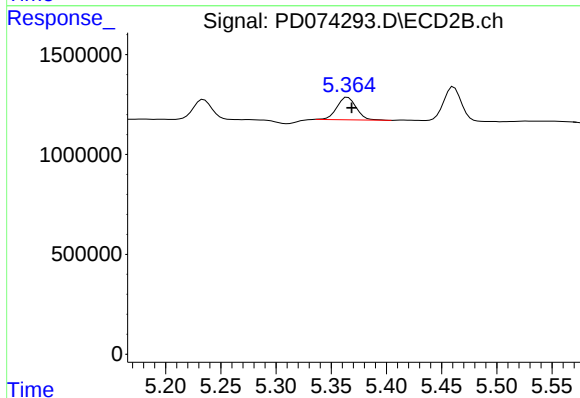
R.T.: 5.234 min
Delta R.T.: -0.003 min
Response: 1178678
Conc: 0.84 ng/ml



#13 Dieldrin

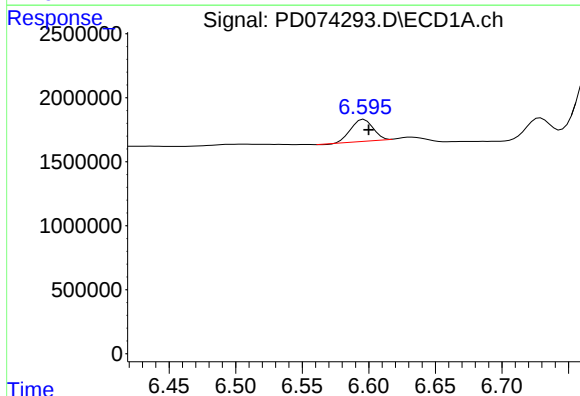
R.T.: 6.366 min
Delta R.T.: -0.003 min
Response: 2899641
Conc: 0.98 ng/ml

Instrument :
ECD_D
ClientSampleId :



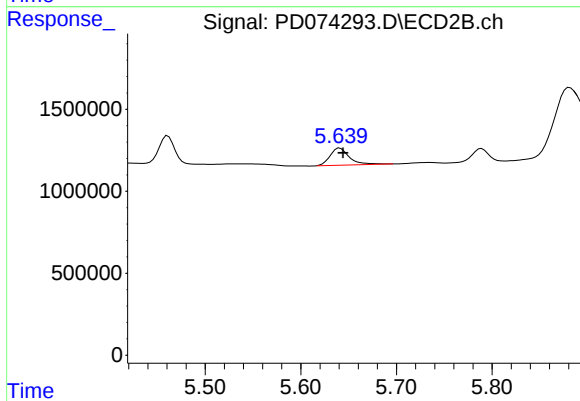
#13 Dieldrin

R.T.: 5.365 min
Delta R.T.: -0.004 min
Response: 1374554
Conc: 0.91 ng/ml



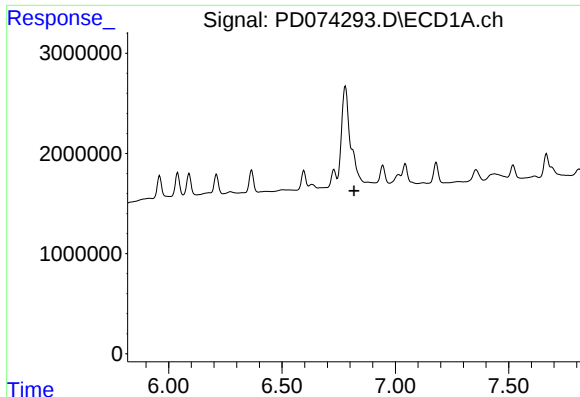
#14 Endrin

R.T.: 6.596 min
Delta R.T.: -0.003 min
Response: 1980254
Conc: 0.80 ng/ml



#14 Endrin

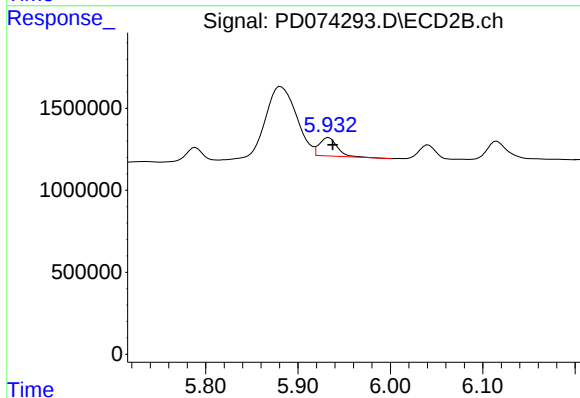
R.T.: 5.641 min
Delta R.T.: -0.003 min
Response: 1488185
Conc: 1.14 ng/ml



#15 Endosulfan II

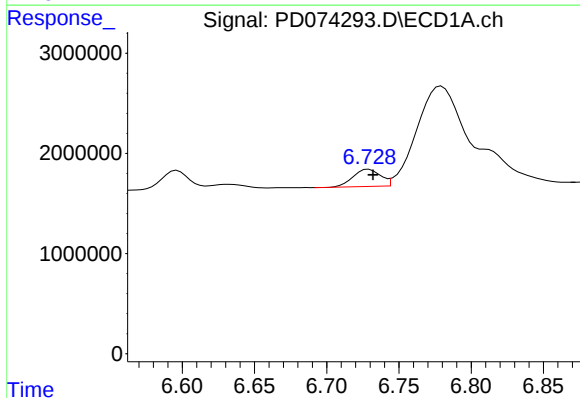
R.T.: 0.000 min
Exp R.T.: 6.818 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



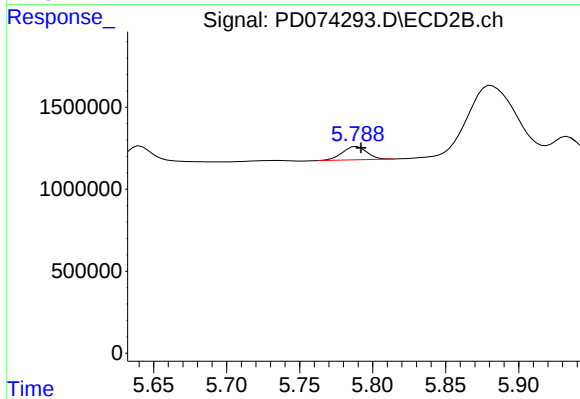
#15 Endosulfan II

R.T.: 5.934 min
Delta R.T.: -0.004 min
Response: 1489735
Conc: 1.18 ng/ml



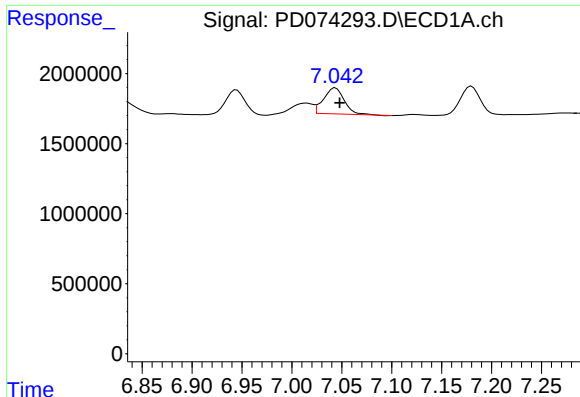
#16 4,4'-DDD

R.T.: 6.729 min
Delta R.T.: -0.003 min
Response: 2241063
Conc: 1.00 ng/ml



#16 4,4'-DDD

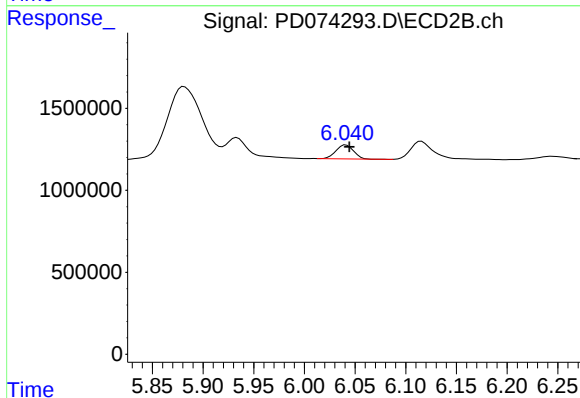
R.T.: 5.789 min
Delta R.T.: -0.003 min
Response: 942462
Conc: 0.81 ng/ml



#17 4,4'-DDT

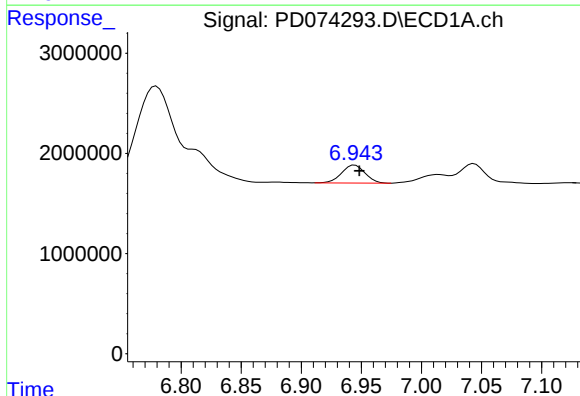
R.T.: 7.044 min
Delta R.T.: -0.004 min
Response: 2657752
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



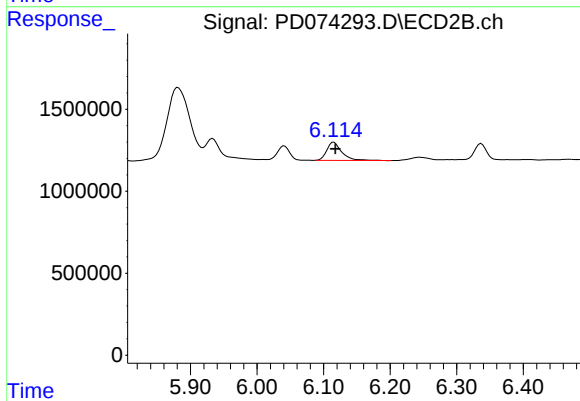
#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: -0.003 min
Response: 1028544
Conc: 0.84 ng/ml



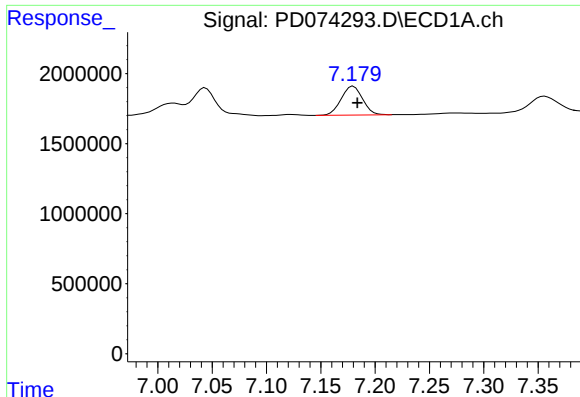
#18 Endrin aldehyde

R.T.: 6.945 min
Delta R.T.: -0.004 min
Response: 2428534
Conc: 1.21 ng/ml



#18 Endrin aldehyde

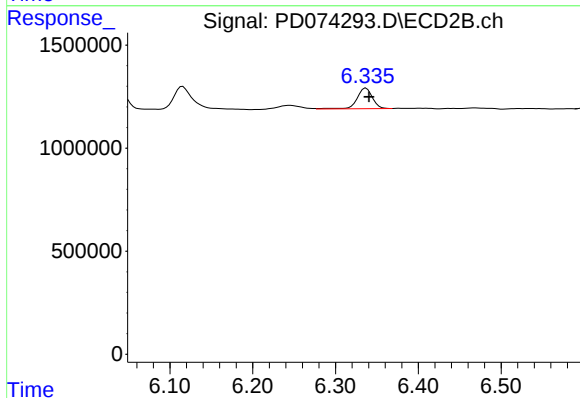
R.T.: 6.115 min
Delta R.T.: -0.002 min
Response: 1745899
Conc: 1.72 ng/ml



#19 Endosulfan Sulfate

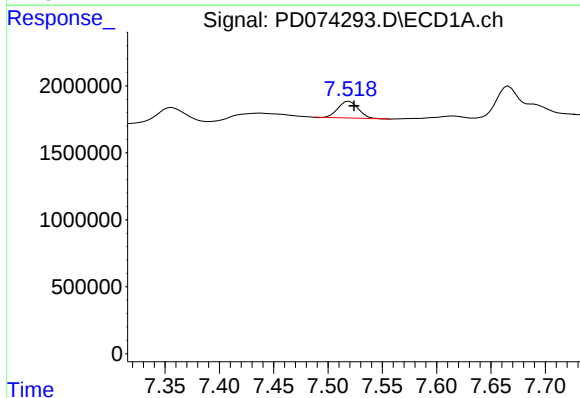
R.T.: 7.180 min
Delta R.T.: -0.004 min
Response: 2815064
Conc: 1.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



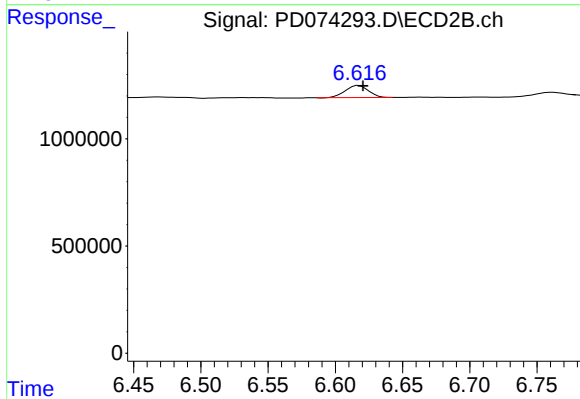
#19 Endosulfan Sulfate

R.T.: 6.337 min
Delta R.T.: -0.003 min
Response: 1294988
Conc: 1.06 ng/ml



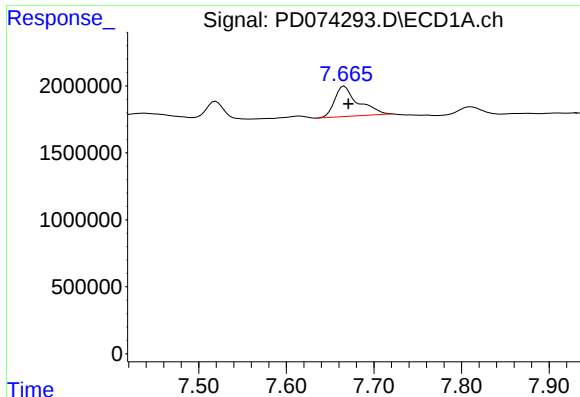
#20 Methoxychlor

R.T.: 7.520 min
Delta R.T.: -0.004 min
Response: 1611579
Conc: 1.15 ng/ml



#20 Methoxychlor

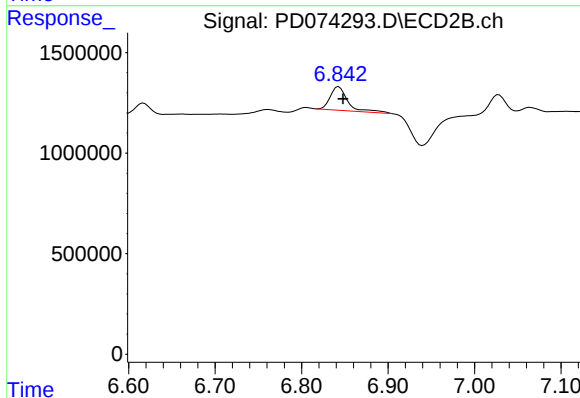
R.T.: 6.617 min
Delta R.T.: -0.003 min
Response: 672965
Conc: 0.99 ng/ml



#21 Endrin ketone

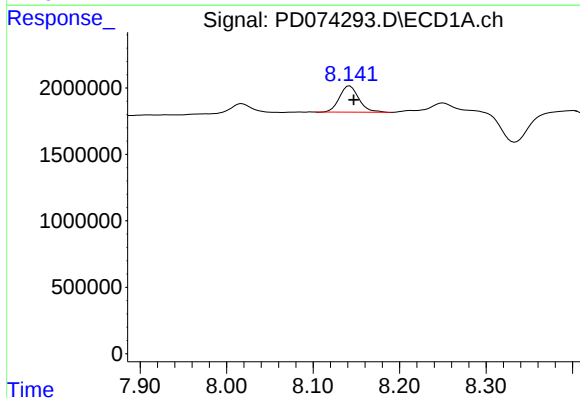
R.T.: 7.666 min
Delta R.T.: -0.004 min
Response: 4215445
Conc: 1.51 ng/ml

Instrument :
ECD_D
ClientSampleId :



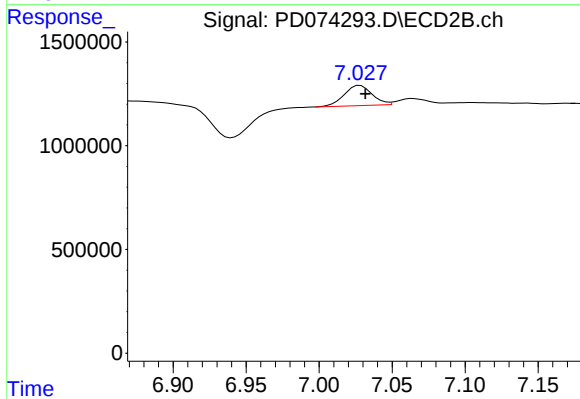
#21 Endrin ketone

R.T.: 6.843 min
Delta R.T.: -0.005 min
Response: 1635580
Conc: 1.11 ng/ml



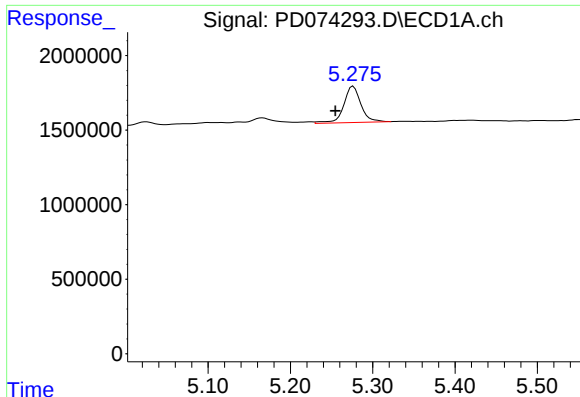
#22 Mirex

R.T.: 8.142 min
Delta R.T.: -0.005 min
Response: 3068850
Conc: 1.45 ng/ml



#22 Mirex

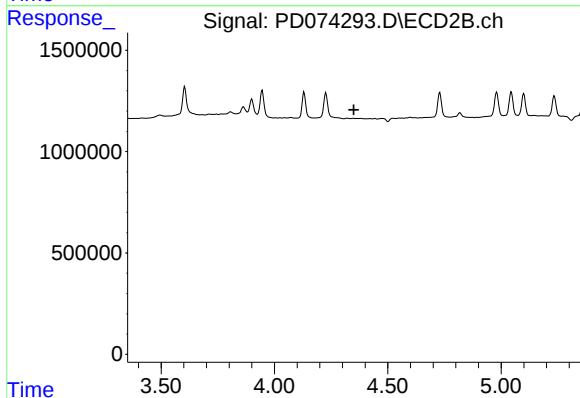
R.T.: 7.028 min
Delta R.T.: -0.003 min
Response: 1293557
Conc: 1.14 ng/ml



#24 Chlordane-2

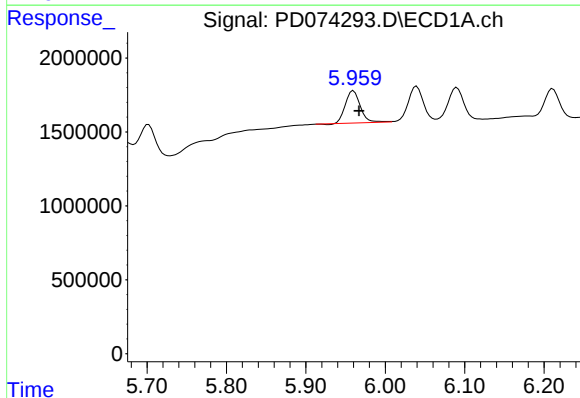
R.T.: 5.276 min
Delta R.T.: 0.022 min
Response: 3520370
Conc: 26.27 ng/ml

Instrument :
ECD_D
ClientSampleId :



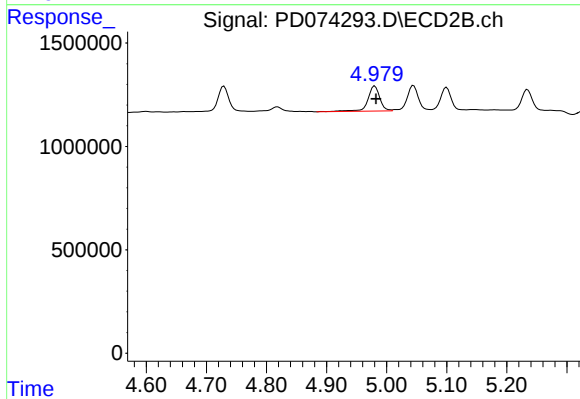
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.350 min
Response: 0
Conc: N.D.



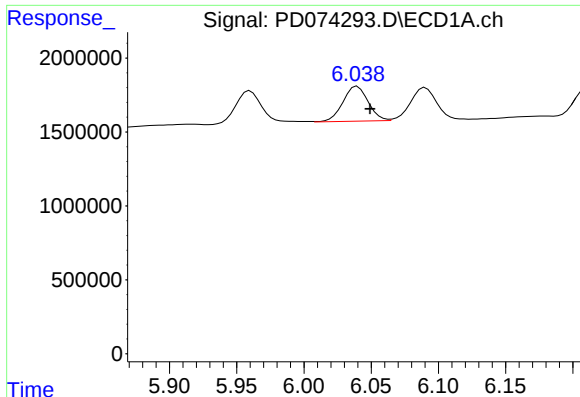
#25 Chlordane-3

R.T.: 5.960 min
Delta R.T.: -0.007 min
Response: 2841571
Conc: 5.74 ng/ml



#25 Chlordane-3

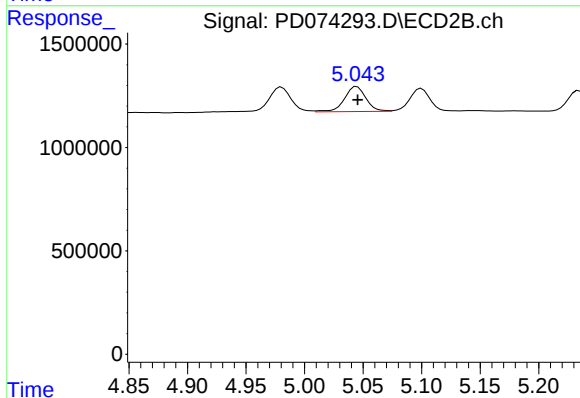
R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 1659137
Conc: 9.88 ng/ml



#26 Chlordane-4

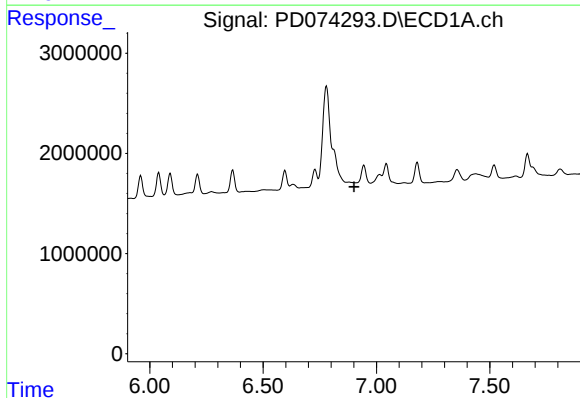
R.T.: 6.040 min
Delta R.T.: -0.010 min
Response: 3079030
Conc: 5.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



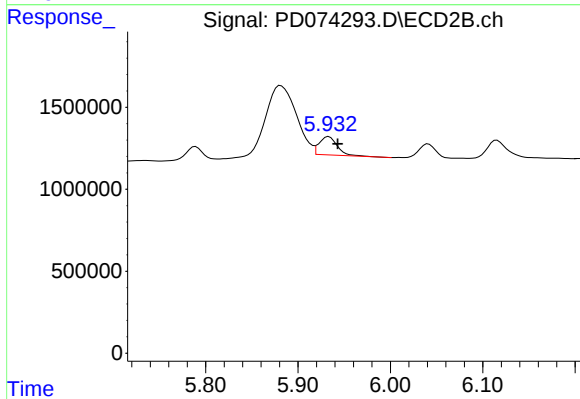
#26 Chlordane-4

R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 1550094
Conc: 9.61 ng/ml



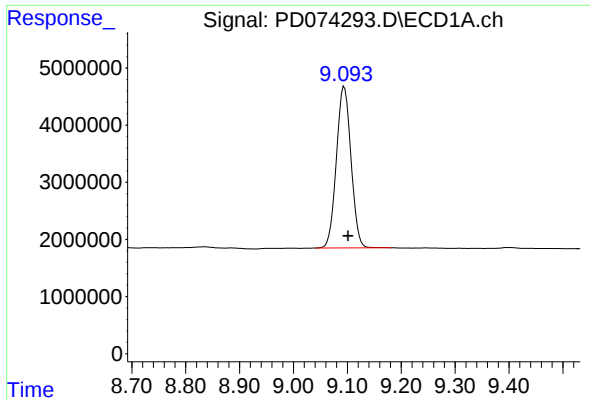
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.901 min
Response: 0
Conc: N.D.



#27 Chlordane-5

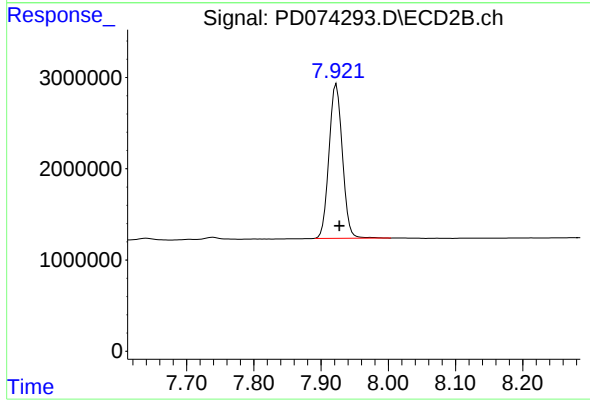
R.T.: 5.934 min
Delta R.T.: -0.010 min
Response: 1489735
Conc: 24.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.094 min
Delta R.T.: -0.007 min
Response: 53269226
Conc: 19.92 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: -0.004 min
Response: 23249248
Conc: 18.95 ng/ml