

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071123\
 Data File : PD076499.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2023 16:44
 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: Jul 12 02:03:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 12 01:40:01 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...	3.546	2.765	43212521	21646907	19.749	19.660
28)	SA Decachlor...	9.089	7.909	51674601	21135020	20.449	20.421
Target Compounds							
2)	A alpha-BHC	4.002	3.267	34501742	15657209	9.025	9.469
3)	MA gamma-BHC...	4.335	3.597	32290460	14049774	8.852	8.771
4)	MA Heptachlor	0.000	3.959f	0	33264	N.D.	0.021 #
5)	MB Aldrin	0.000	4.227	0	80894	N.D.	0.051 #
6)	B beta-BHC	4.532	3.894	14493676	7048406	9.607	10.656
7)	B delta-BHC	0.000	4.125	0	22979	N.D.	0.015 #
8)	B Heptachlo...	5.689	4.736f	2868816	21152	0.858	0.015 #
9)	A Endosulfan I	6.070	5.094	116760	17790	0.038	0.013 #
10)	B gamma-Chl...	5.928f	4.960	2650920	42985	0.807	0.031 #
11)	B alpha-Chl...	6.022	5.023	209201	24908	0.063	0.018 #
12)	B 4,4'-DDE	6.206	5.224	570656	443069	0.193	0.368 #
13)	MA Dieldrin	6.381f	5.340	275282	34000	0.084	0.024 #
14)	MA Endrin	6.591	5.630	121.6E6	56587497	44.857	45.465
15)	B Endosulfa...	6.822	5.939f	1359687	253103	0.478	0.208 #
16)	A 4,4'-DDD	6.725	5.779	1633445	812259	0.687	0.833
17)	MA 4,4'-DDT	7.040	6.029	245.2E6	102.4E6	104.672	109.198
18)	B Endrin al...	6.940	6.105	2703249	2379329	1.241	2.460 #
19)	B Endosulfa...	0.000	6.313	0	61092	N.D.	0.053 #
20)	A Methoxychlor	7.516	6.605	333.3E6	131.6E6	241.051	243.359
21)	B Endrin ke...	7.662	6.833	6362355	3317407	2.129	2.423
22)	Mirex	8.163f	6.997f	222499	8427	0.101	0.008 #
23)	Chlordane-1	0.000	3.749	0	80942	N.D.	0.203 #
24)	Chlordane-2	0.000	4.336	0	34282	N.D.	0.087 #
25)	Chlordane-3	5.928f	4.960	2650920	42985	0.556	0.032 #
26)	Chlordane-4	6.049	5.023	275594	24908	0.049	0.019 #
27)	Chlordane-5	0.000	5.939	0	253103	N.D.	0.531 #

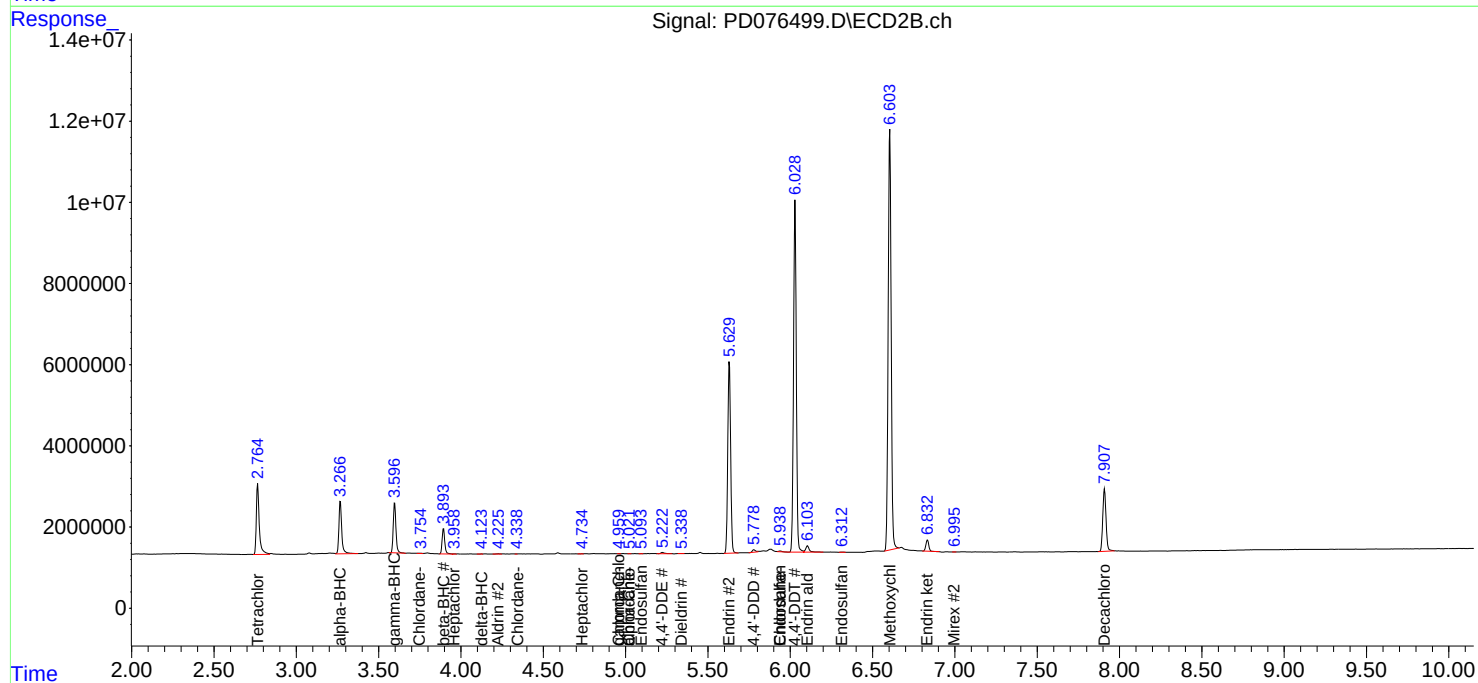
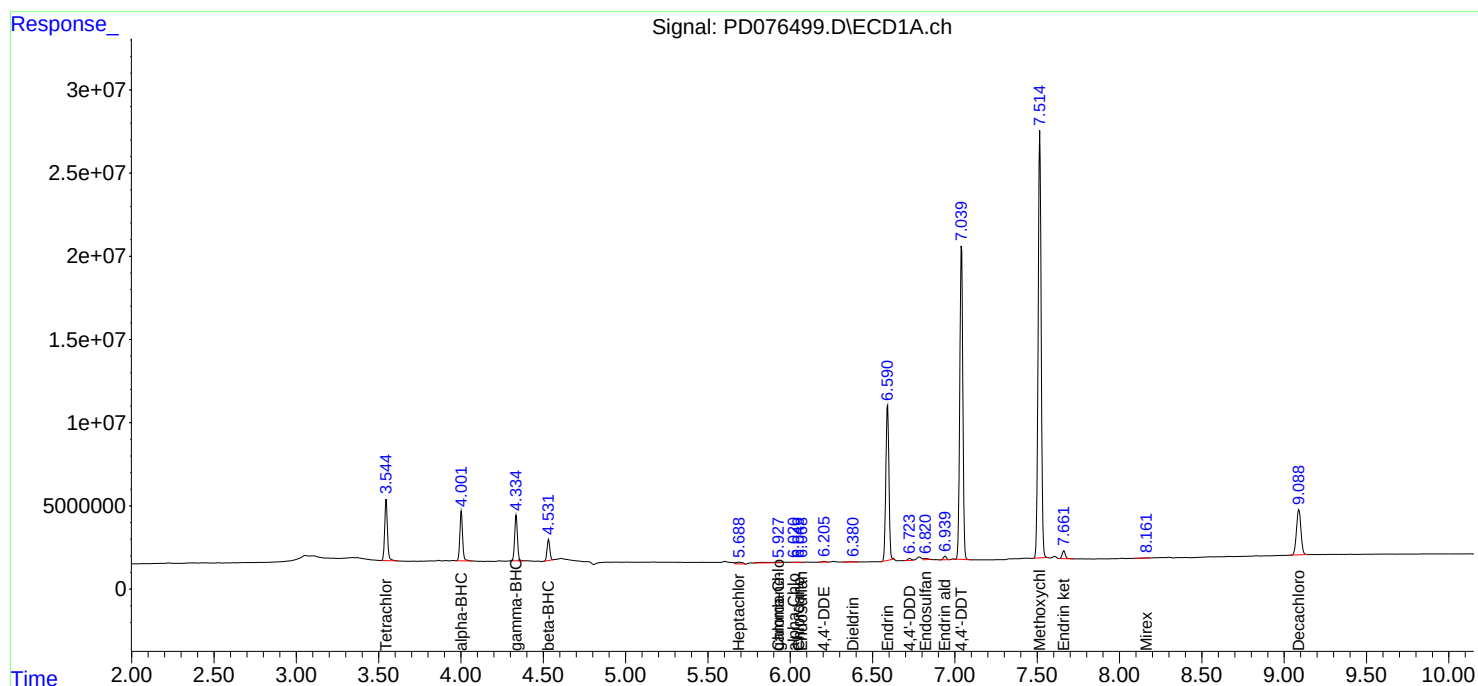
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

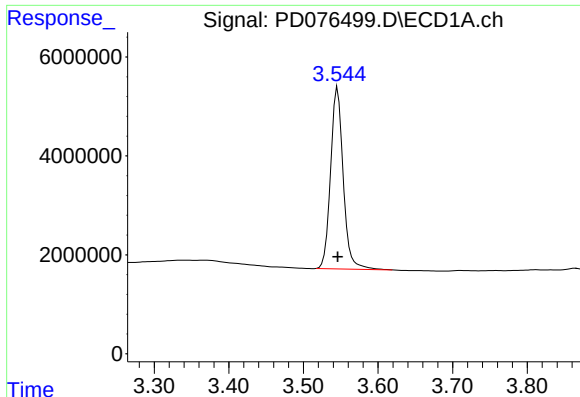
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071123\
Data File : PD076499.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2023 16:44
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 12 02:03:40 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071123.M
Quant Title : GC Extractables
QLast Update : Wed Jul 12 01:40:01 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

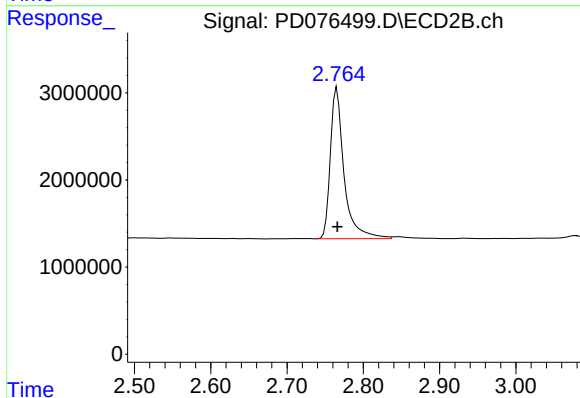




#1 Tetrachloro-m-xylene

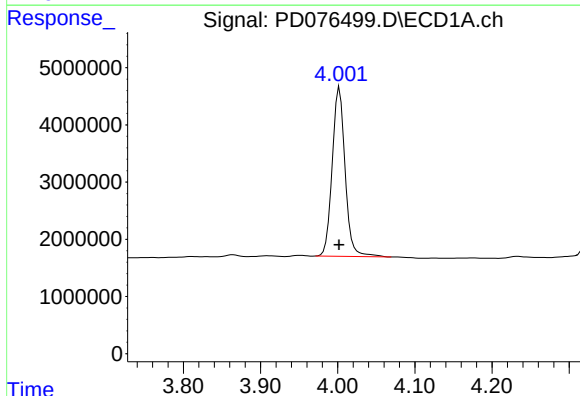
R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 43212521
Conc: 19.75 ng/ml

Instrument :
ECD_D
ClientSampleId :



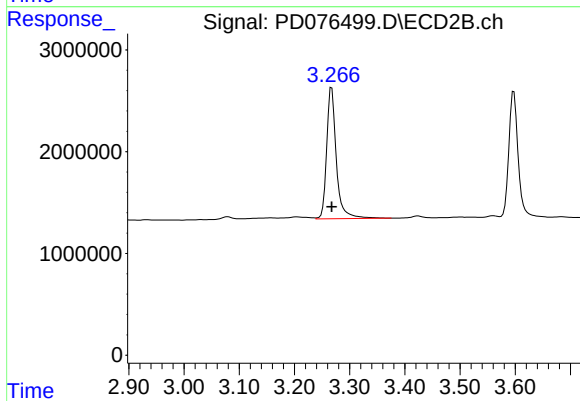
#1 Tetrachloro-m-xylene

R.T.: 2.765 min
Delta R.T.: 0.000 min
Response: 21646907
Conc: 19.66 ng/ml



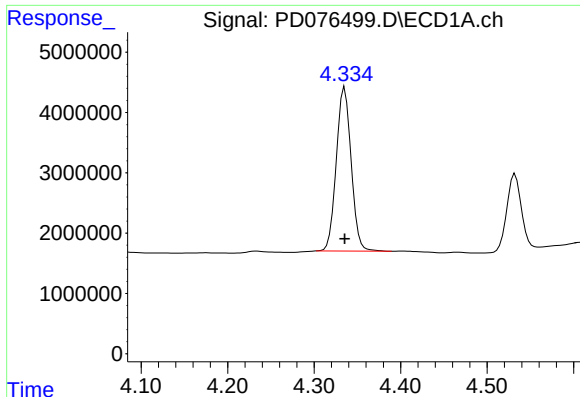
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 34501742
Conc: 9.03 ng/ml



#2 alpha-BHC

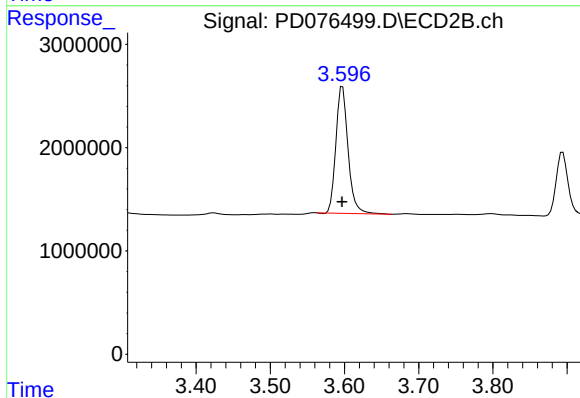
R.T.: 3.267 min
Delta R.T.: 0.000 min
Response: 15657209
Conc: 9.47 ng/ml



#3 gamma-BHC (Lindane)

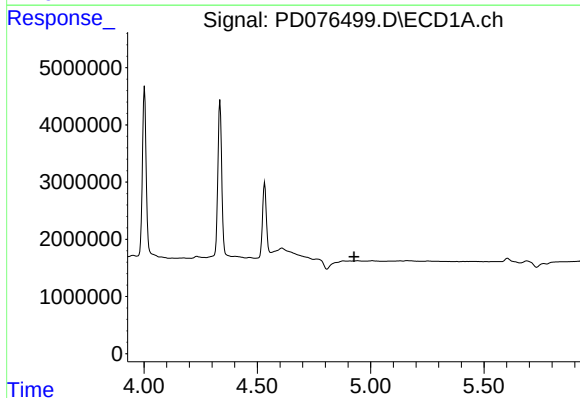
R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 32290460
Conc: 8.85 ng/ml

Instrument :
ECD_D
ClientSampleId :



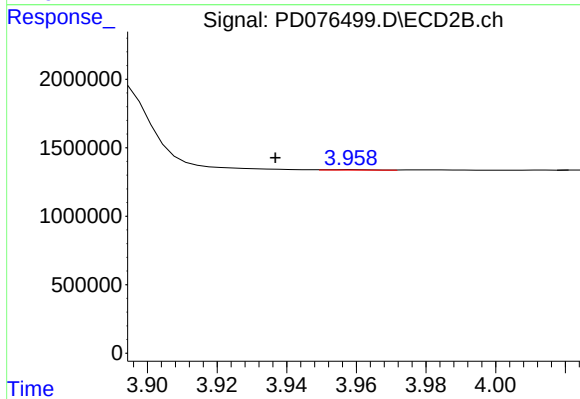
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: 0.000 min
Response: 14049774
Conc: 8.77 ng/ml



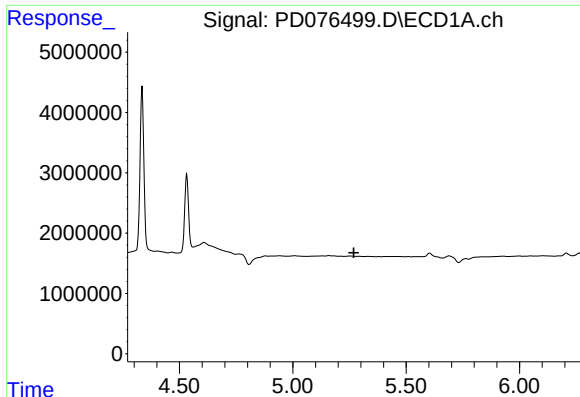
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.926 min
Response: 0
Conc: N.D.



#4 Heptachlor

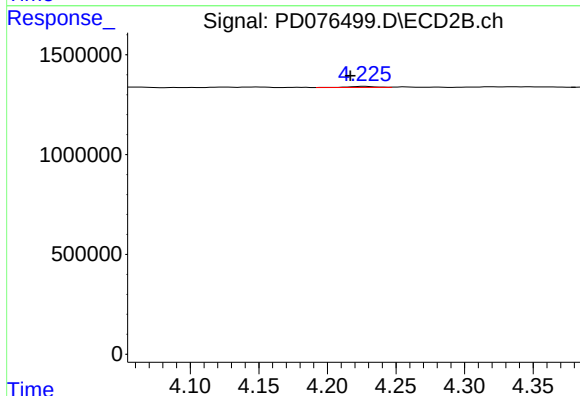
R.T.: 3.959 min
Delta R.T.: 0.022 min
Response: 33264
Conc: 0.02 ng/ml



#5 Aldrin

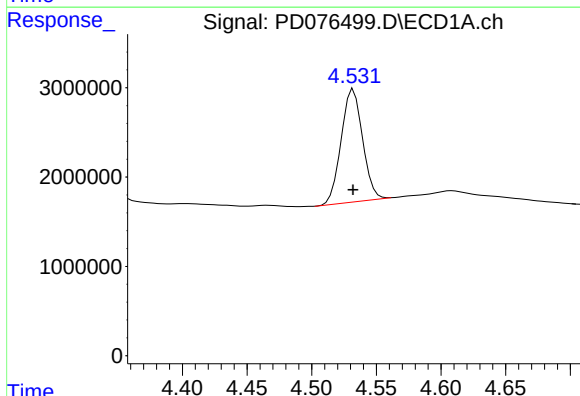
R.T.: 0.000 min
Exp R.T.: 5.269 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



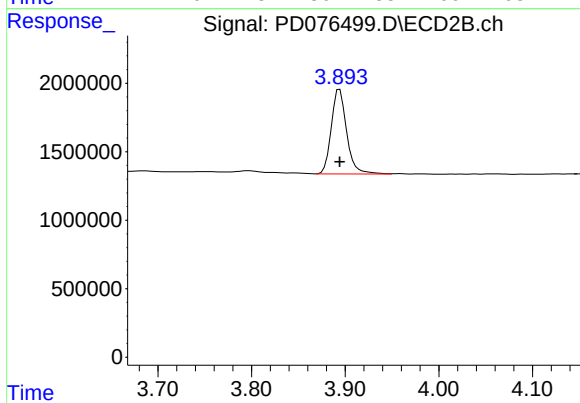
#5 Aldrin

R.T.: 4.227 min
Delta R.T.: 0.010 min
Response: 80894
Conc: 0.05 ng/ml



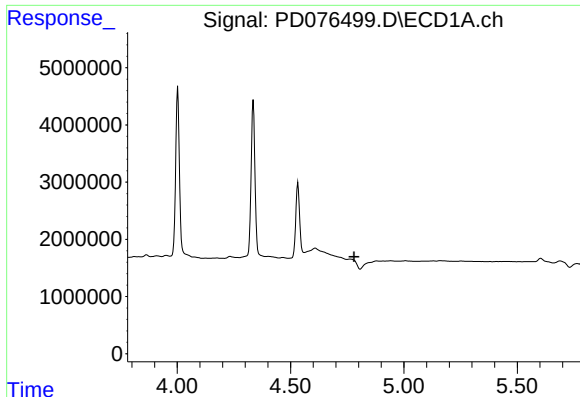
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 14493676
Conc: 9.61 ng/ml



#6 beta-BHC

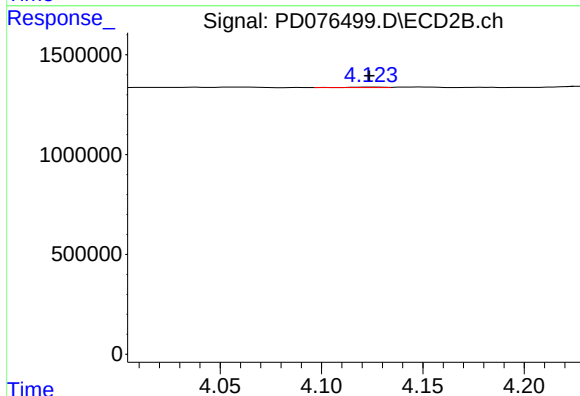
R.T.: 3.894 min
Delta R.T.: 0.000 min
Response: 7048406
Conc: 10.66 ng/ml



#7 delta-BHC

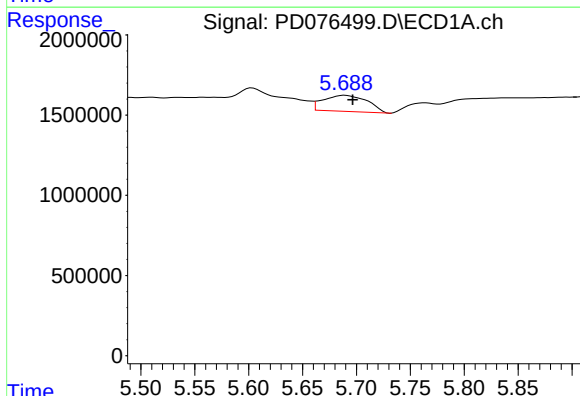
R.T.: 0.000 min
Exp R.T.: 4.780 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



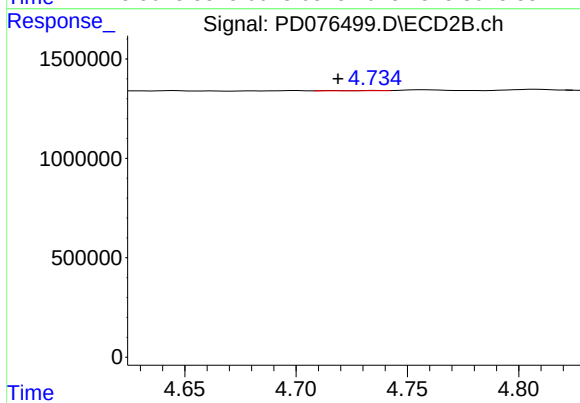
#7 delta-BHC

R.T.: 4.125 min
Delta R.T.: 0.001 min
Response: 22979
Conc: 0.01 ng/ml



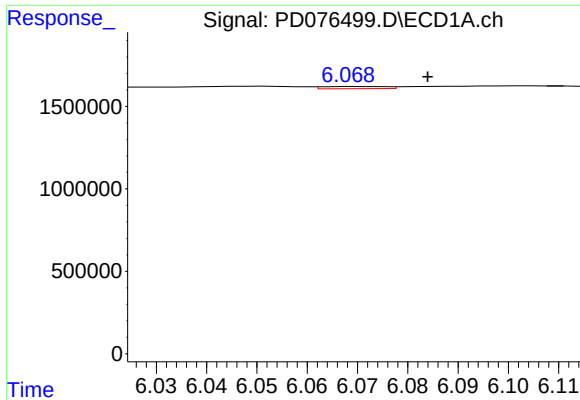
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.007 min
Response: 2868816
Conc: 0.86 ng/ml



#8 Heptachlor epoxide

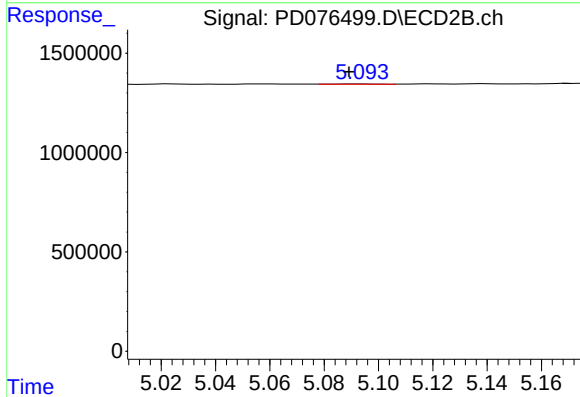
R.T.: 4.736 min
Delta R.T.: 0.017 min
Response: 21152
Conc: 0.01 ng/ml



#9 Endosulfan I

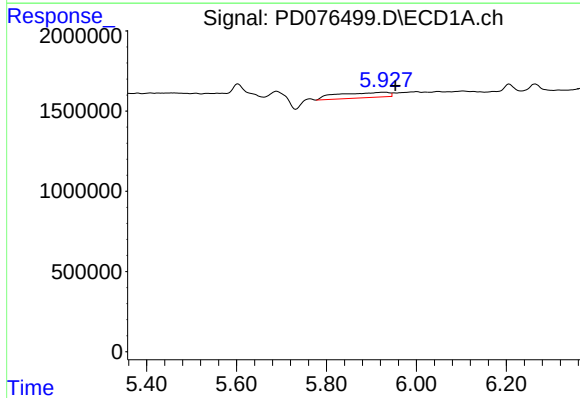
R.T.: 6.070 min
Delta R.T.: -0.014 min
Response: 116760
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



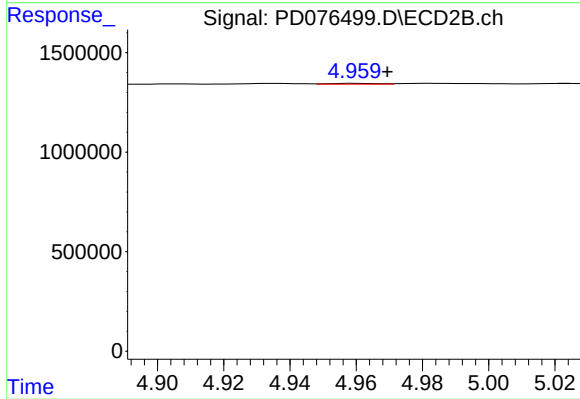
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.005 min
Response: 17790
Conc: 0.01 ng/ml



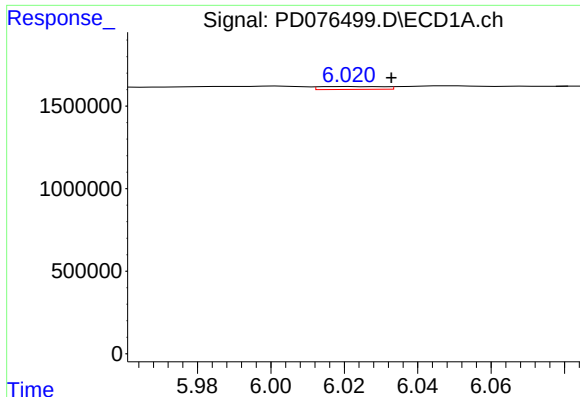
#10 gamma-Chlordane

R.T.: 5.928 min
Delta R.T.: -0.026 min
Response: 2650920
Conc: 0.81 ng/ml



#10 gamma-Chlordane

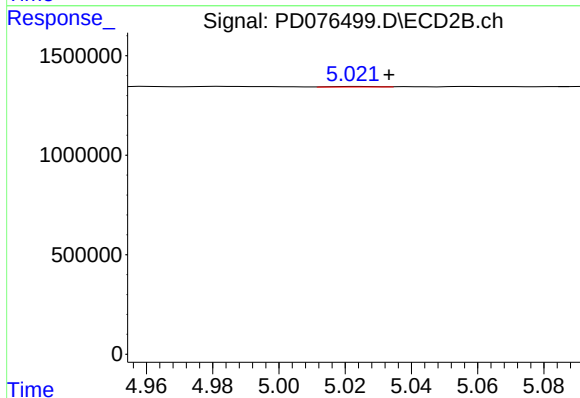
R.T.: 4.960 min
Delta R.T.: -0.009 min
Response: 42985
Conc: 0.03 ng/ml



#11 alpha-Chlordane

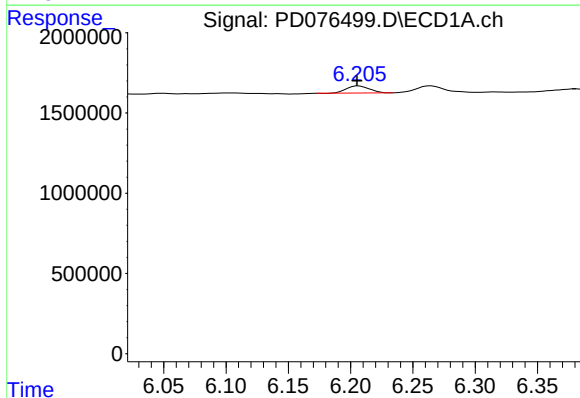
R.T.: 6.022 min
Delta R.T.: -0.011 min
Response: 209201
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



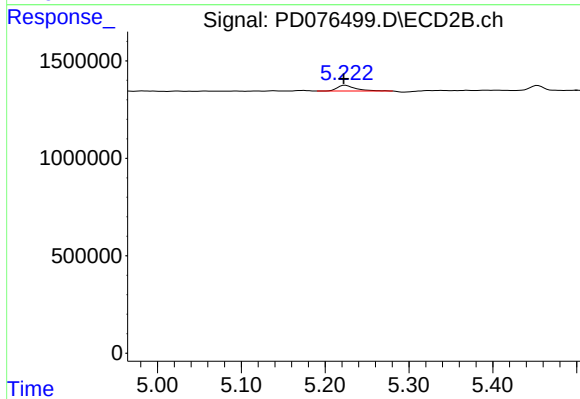
#11 alpha-Chlordane

R.T.: 5.023 min
Delta R.T.: -0.010 min
Response: 24908
Conc: 0.02 ng/ml



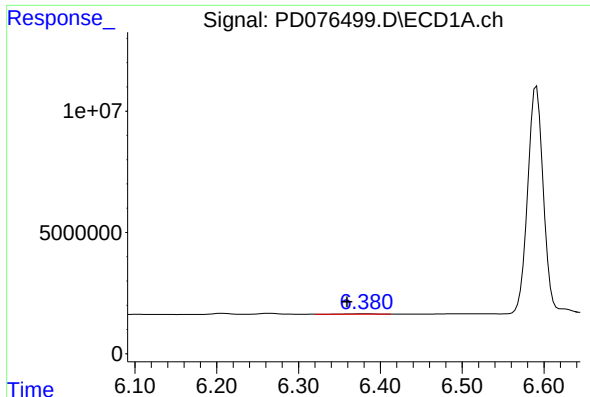
#12 4,4'-DDE

R.T.: 6.206 min
Delta R.T.: 0.001 min
Response: 570656
Conc: 0.19 ng/ml



#12 4,4'-DDE

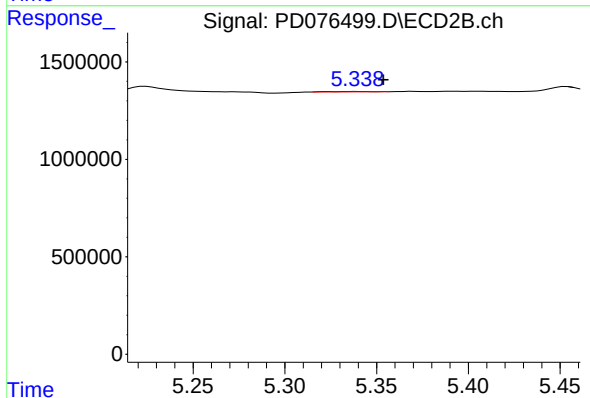
R.T.: 5.224 min
Delta R.T.: 0.002 min
Response: 443069
Conc: 0.37 ng/ml



#13 Dieldrin

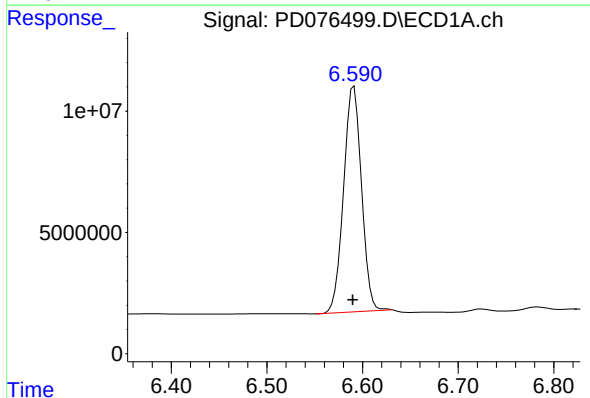
R.T.: 6.381 min
Delta R.T.: 0.022 min
Response: 275282
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



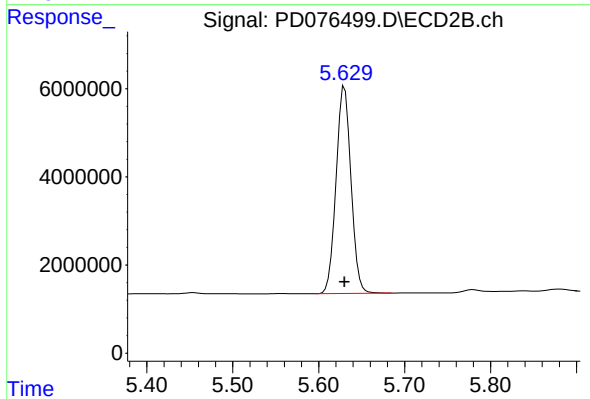
#13 Dieldrin

R.T.: 5.340 min
Delta R.T.: -0.014 min
Response: 34000
Conc: 0.02 ng/ml



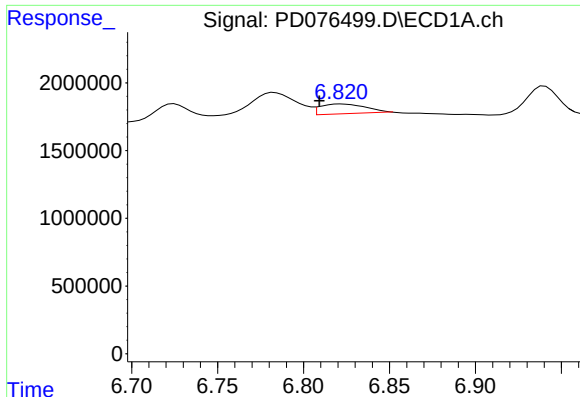
#14 Endrin

R.T.: 6.591 min
Delta R.T.: 0.001 min
Response: 121563938
Conc: 44.86 ng/ml



#14 Endrin

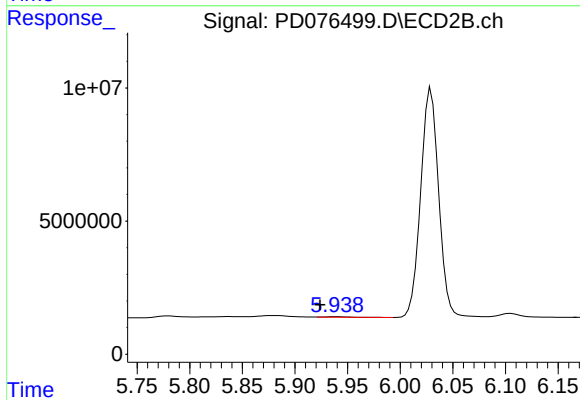
R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 56587497
Conc: 45.47 ng/ml



#15 Endosulfan II

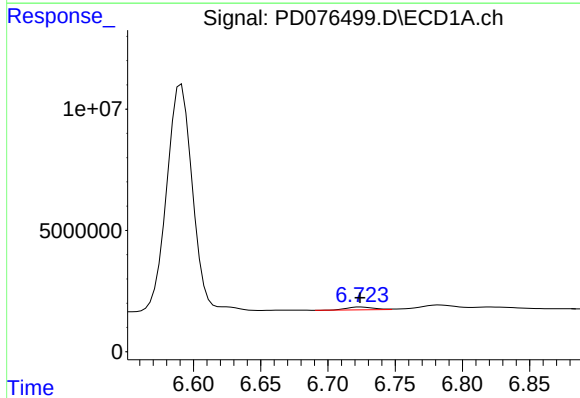
R.T.: 6.822 min
Delta R.T.: 0.013 min
Response: 1359687
Conc: 0.48 ng/ml

Instrument :
ECD_D
ClientSampleId :



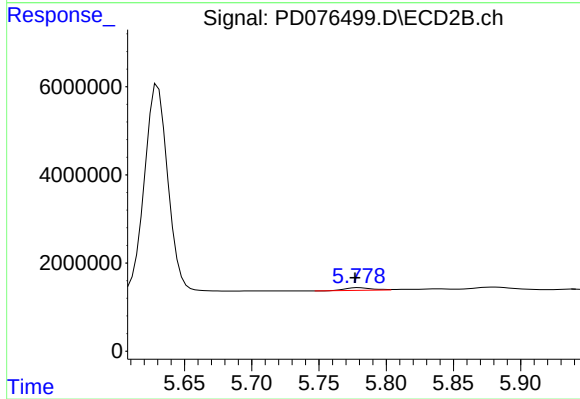
#15 Endosulfan II

R.T.: 5.939 min
Delta R.T.: 0.015 min
Response: 253103
Conc: 0.21 ng/ml



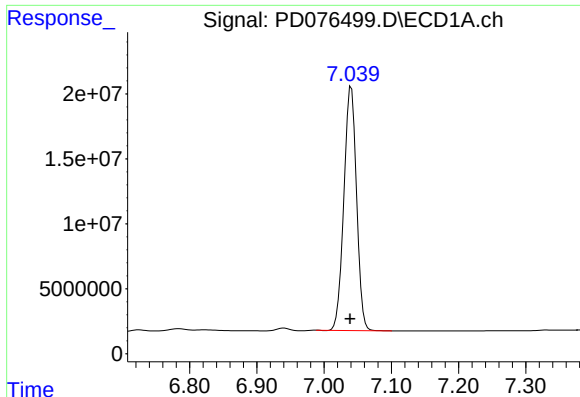
#16 4,4'-DDD

R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 1633445
Conc: 0.69 ng/ml



#16 4,4'-DDD

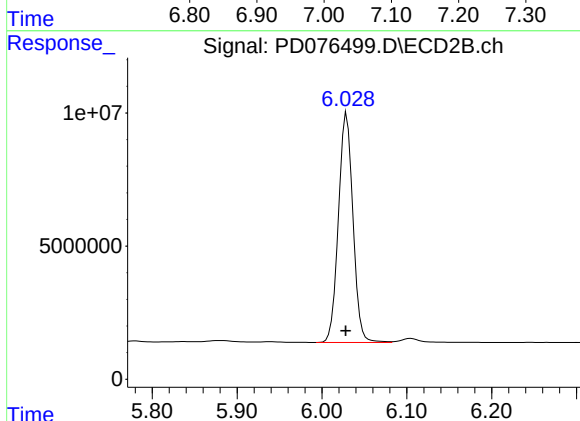
R.T.: 5.779 min
Delta R.T.: 0.002 min
Response: 812259
Conc: 0.83 ng/ml



#17 4,4'-DDT

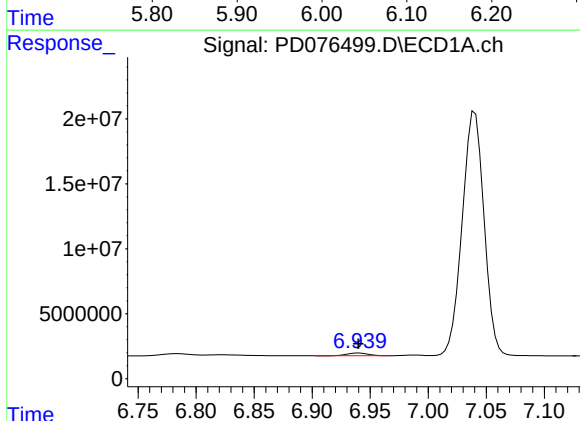
R.T.: 7.040 min
Delta R.T.: 0.002 min
Response: 245239032
Conc: 104.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



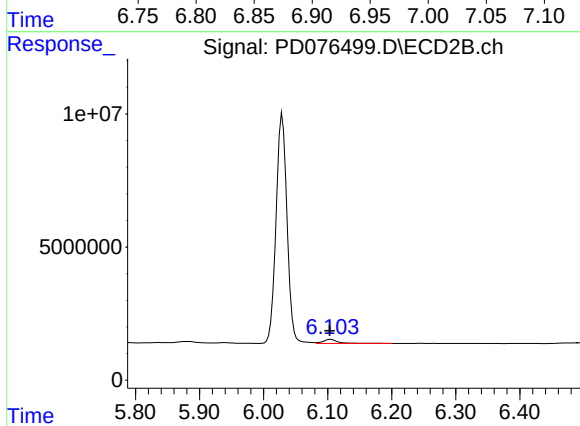
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 102367262
Conc: 109.20 ng/ml



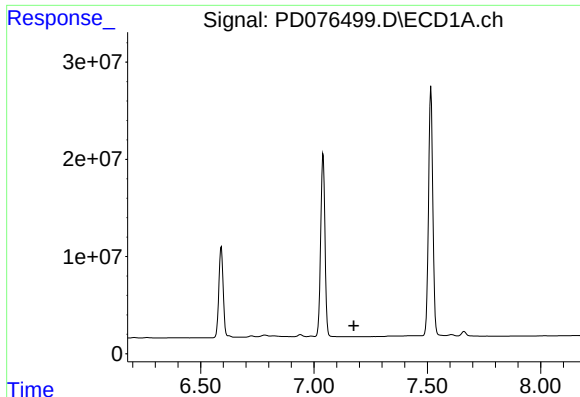
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 2703249
Conc: 1.24 ng/ml



#18 Endrin aldehyde

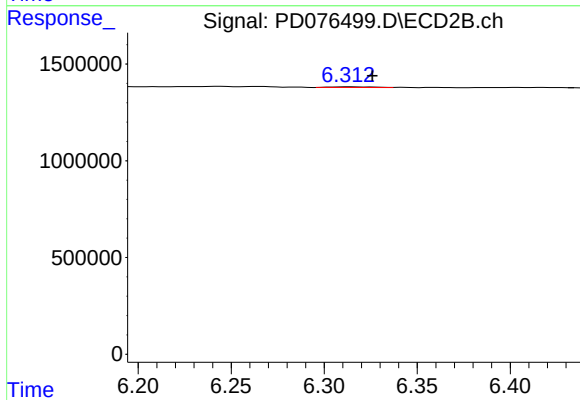
R.T.: 6.105 min
Delta R.T.: 0.001 min
Response: 2379329
Conc: 2.46 ng/ml



#19 Endosulfan Sulfate

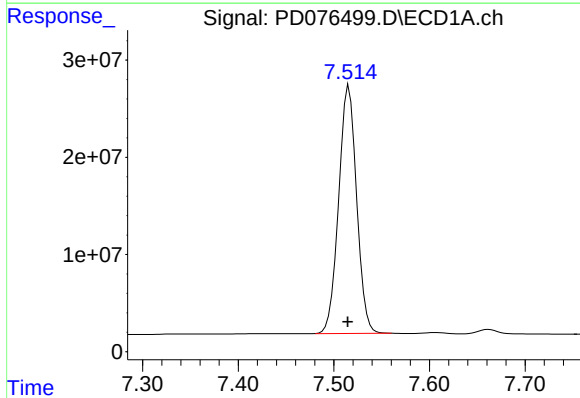
R.T.: 0.000 min
Exp R.T.: 7.175 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



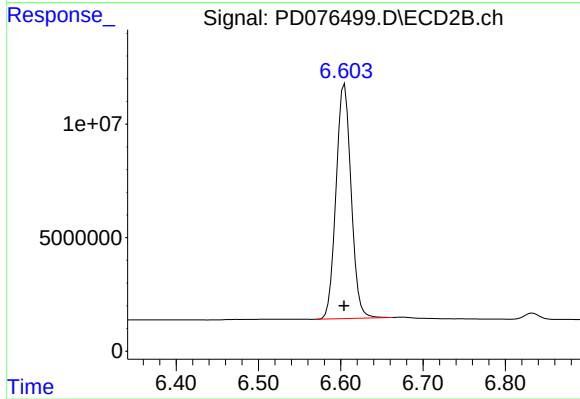
#19 Endosulfan Sulfate

R.T.: 6.313 min
Delta R.T.: -0.013 min
Response: 61092
Conc: 0.05 ng/ml



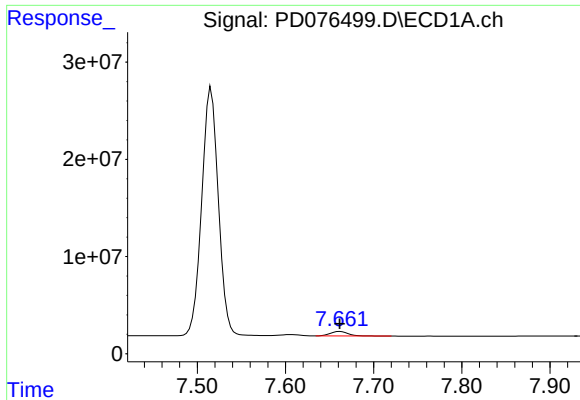
#20 Methoxychlor

R.T.: 7.516 min
Delta R.T.: 0.001 min
Response: 333288649
Conc: 241.05 ng/ml



#20 Methoxychlor

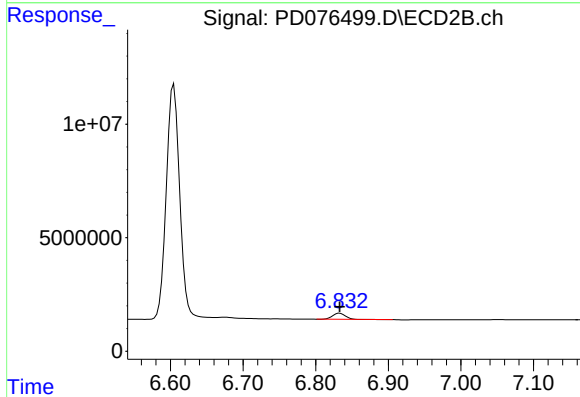
R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 131603022
Conc: 243.36 ng/ml



#21 Endrin ketone

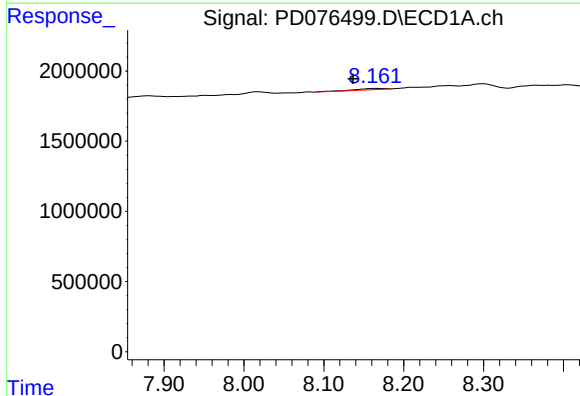
R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 6362355
Conc: 2.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



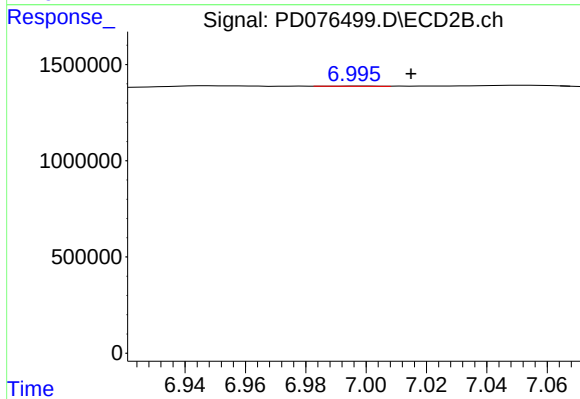
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 3317407
Conc: 2.42 ng/ml



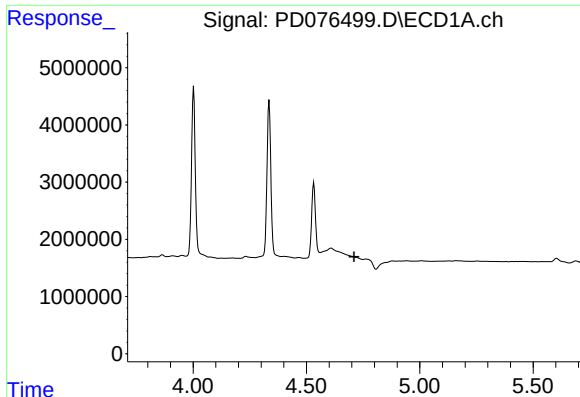
#22 Mirex

R.T.: 8.163 min
Delta R.T.: 0.027 min
Response: 222499
Conc: 0.10 ng/ml



#22 Mirex

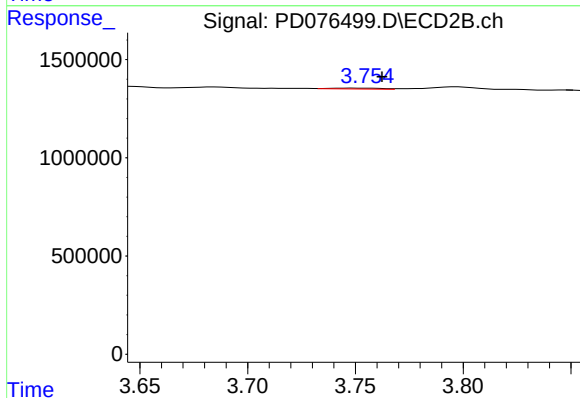
R.T.: 6.997 min
Delta R.T.: -0.018 min
Response: 8427
Conc: 0.01 ng/ml



#23 Chlordane-1

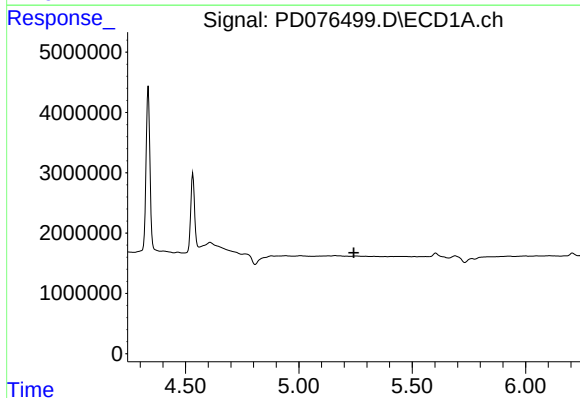
R.T.: 0.000 min
Exp R.T.: 4.711 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



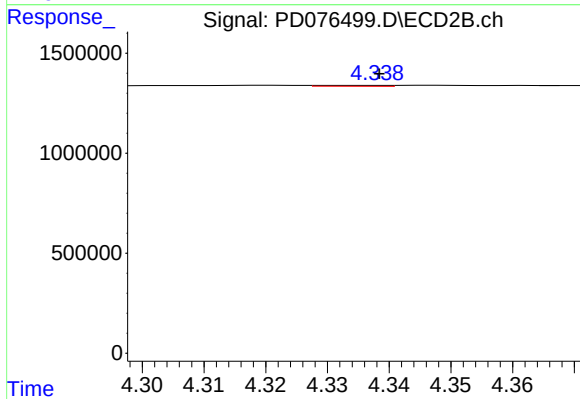
#23 Chlordane-1

R.T.: 3.749 min
Delta R.T.: -0.013 min
Response: 80942
Conc: 0.20 ng/ml



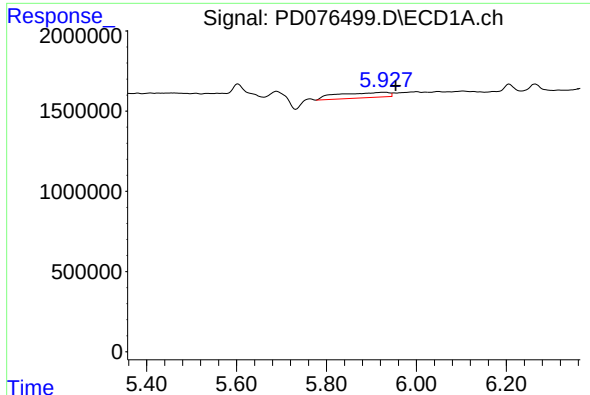
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.242 min
Response: 0
Conc: N.D.



#24 Chlordane-2

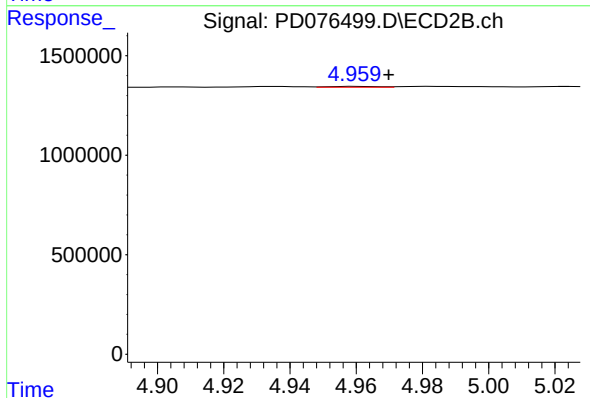
R.T.: 4.336 min
Delta R.T.: -0.002 min
Response: 34282
Conc: 0.09 ng/ml



#25 Chlordane-3

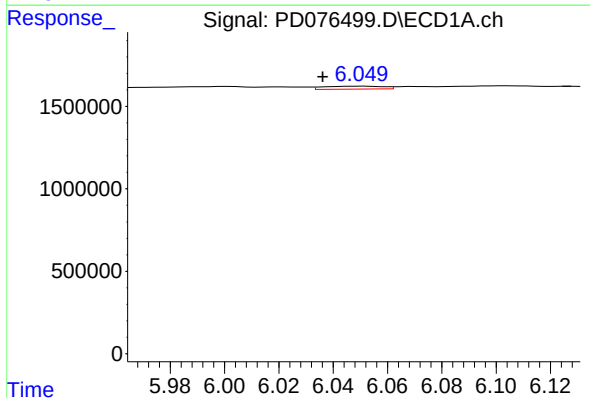
R.T.: 5.928 min
Delta R.T.: -0.026 min
Response: 2650920
Conc: 0.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



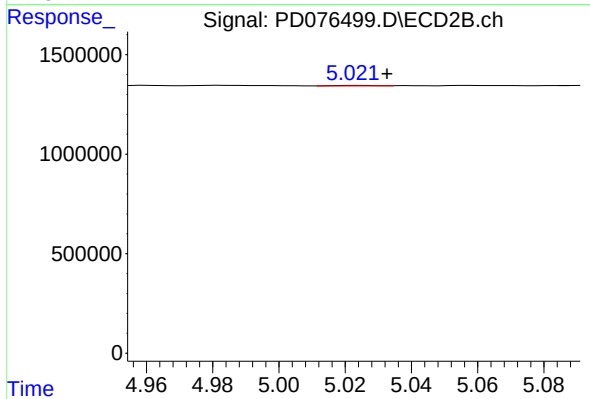
#25 Chlordane-3

R.T.: 4.960 min
Delta R.T.: -0.010 min
Response: 42985
Conc: 0.03 ng/ml



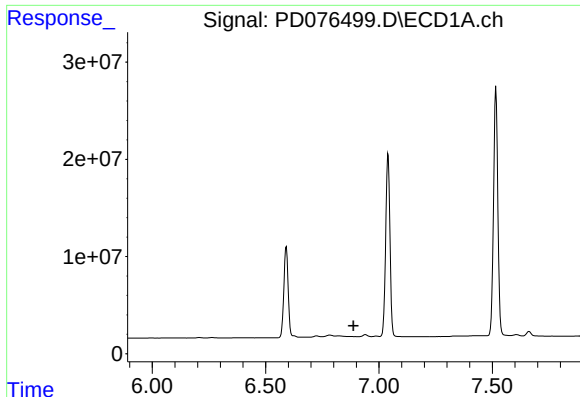
#26 Chlordane-4

R.T.: 6.049 min
Delta R.T.: 0.013 min
Response: 275594
Conc: 0.05 ng/ml



#26 Chlordane-4

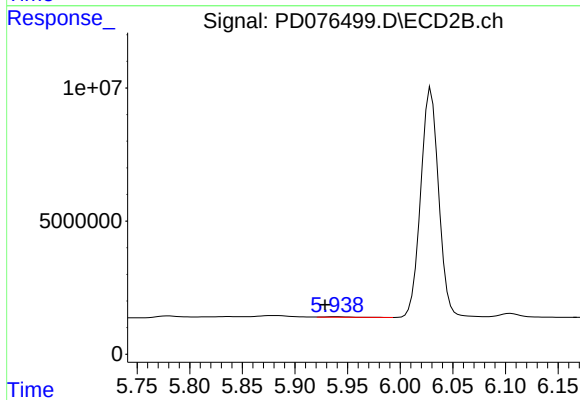
R.T.: 5.023 min
Delta R.T.: -0.010 min
Response: 24908
Conc: 0.02 ng/ml



#27 Chlordane-5

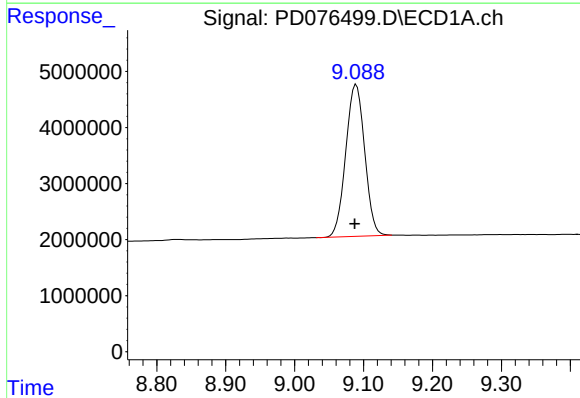
R.T.: 0.000 min
Exp R.T.: 6.888 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



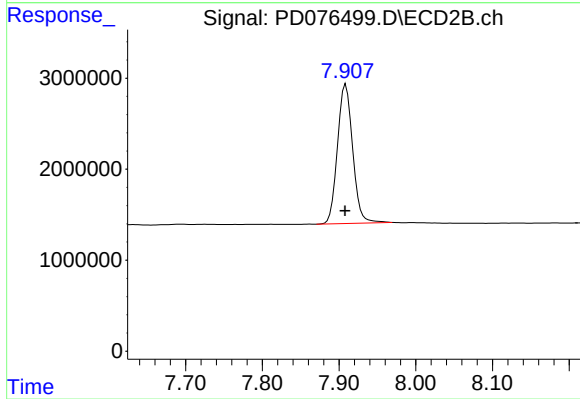
#27 Chlordane-5

R.T.: 5.939 min
Delta R.T.: 0.010 min
Response: 253103
Conc: 0.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: 0.002 min
Response: 51674601
Conc: 20.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: 0.000 min
Response: 21135020
Conc: 20.42 ng/ml