

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
 Data File : PD076491.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2023 04:33
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

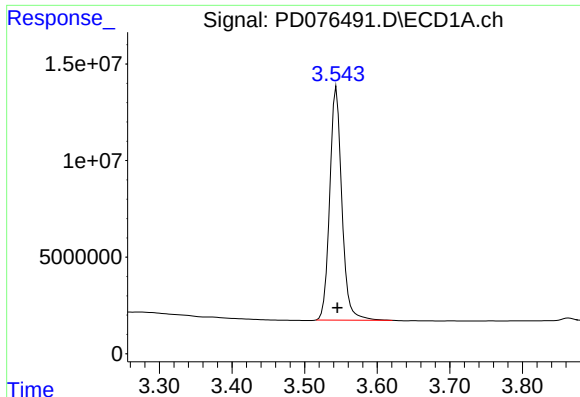
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 05:23:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 05 05:21:22 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.544	2.764	140.5E6	72154420	42.893	45.422
2)	SA Decachlor...	9.087	7.908	152.7E6	70167232	42.950	55.754 #
Target Compounds							
2)	A alpha-BHC	4.001	3.266	252.4E6	111.1E6	43.578	46.091
3)	MA gamma-BHC...	4.334	3.596	227.7E6	102.5E6	43.486	46.021
4)	MA Heptachlor	4.926	3.935	233.5E6	103.1E6	42.460	45.409
5)	MB Aldrin	5.269	4.215	227.5E6	100.2E6	42.556	45.206
6)	B beta-BHC	4.531	3.893	91179852	42445651	43.501	47.729
7)	B delta-BHC	4.780	4.122	221.7E6	102.2E6	43.132	48.583
8)	B Heptachlo...	5.696	4.718	204.0E6	91317970	42.336	45.676
9)	A Endosulfan I	6.083	5.088	189.1E6	84904963	42.379	45.339
10)	B gamma-Chl...	5.953	4.968	205.2E6	91874292	42.203	46.140
11)	B alpha-Chl...	6.032	5.032	202.1E6	90937094	42.064	45.762
12)	B 4,4'-DDE	6.205	5.221	185.4E6	82263183	43.677	53.520
13)	MA Dieldrin	6.359	5.353	199.8E6	91043836	42.719	46.222
14)	MA Endrin	6.590	5.629	164.4E6	81374083	41.292	46.102
15)	B Endosulfa...	6.809	5.923	158.6E6	74016144	42.700	47.700
16)	A 4,4'-DDD	6.723	5.776	150.0E6	68195061	44.655	56.425 #
17)	MA 4,4'-DDT	7.038	6.028	154.5E6	68860412	43.953	56.896 #
18)	B Endrin al...	6.939	6.103	98433260	58384012	35.913	51.087 #
19)	B Endosulfa...	7.174	6.326	156.8E6	75488451	42.439	49.682
20)	A Methoxychlor	7.514	6.603	81912059	37456497	42.858	58.653 #
21)	B Endrin ke...	7.661	6.832	177.6E6	88347672	42.541	50.546
22)	Mirex	8.136	7.014	129.7E6	69222245	41.043	46.700
23)	Chlordane-1	0.000	3.757	0	7407	N.D.	0.167 #
24)	Chlordane-2	5.269f	4.349	227.5E6	720942	1776.672	14.837 #
25)	Chlordane-3	5.953	4.968	205.2E6	91874292	405.541	654.698 #
26)	Chlordane-4	6.032	5.032	202.1E6	90937094	328.699	645.774 #
27)	Chlordane-5	0.000	5.923	0	74016144	N.D.	1590.557 #

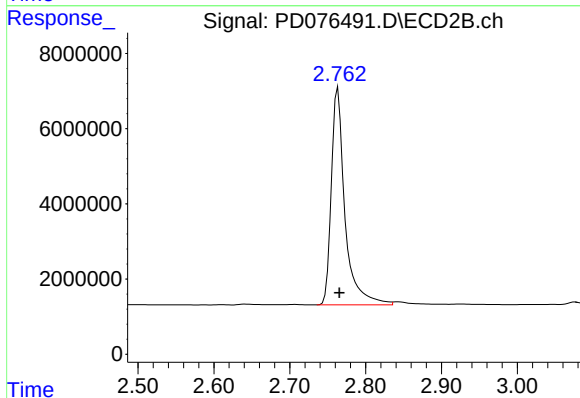
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

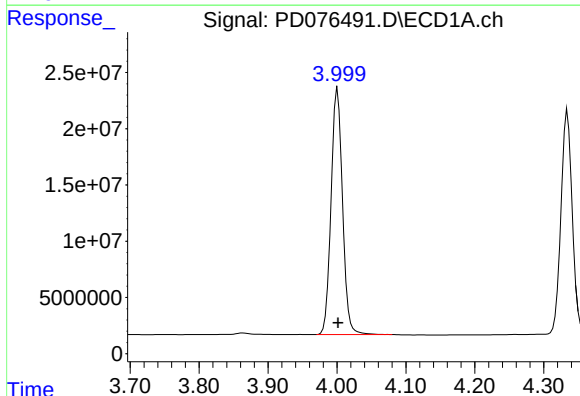
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 140531753
Conc: 42.89 ng/ml

Instrument :
ECD_D
ClientSampleId :



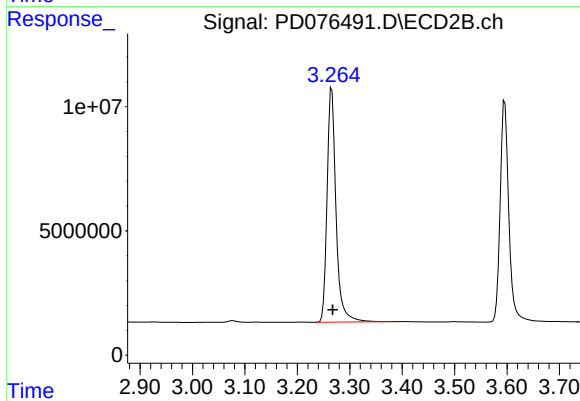
#1 Tetrachloro-m-xylene

R.T.: 2.764 min
Delta R.T.: -0.002 min
Response: 72154420
Conc: 45.42 ng/ml



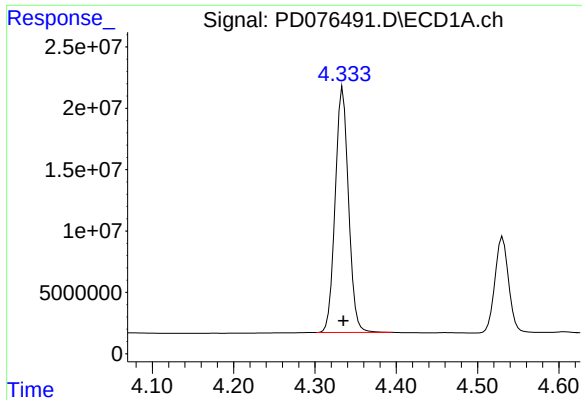
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 252404885
Conc: 43.58 ng/ml



#2 alpha-BHC

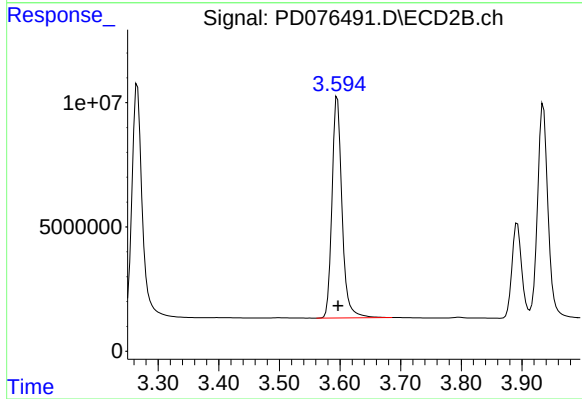
R.T.: 3.266 min
Delta R.T.: -0.002 min
Response: 111053087
Conc: 46.09 ng/ml



#3 gamma-BHC (Lindane)

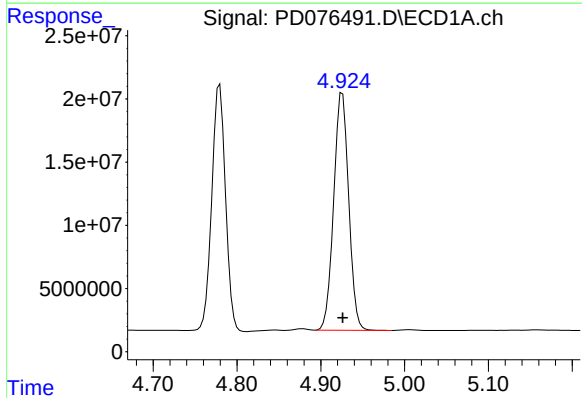
R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 227670212
Conc: 43.49 ng/ml

Instrument :
ECD_D
ClientSampleId :



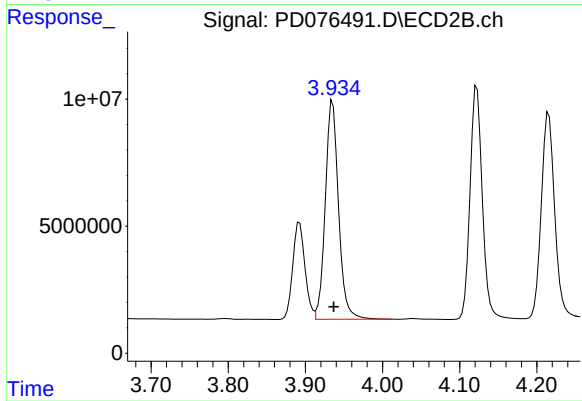
#3 gamma-BHC (Lindane)

R.T.: 3.596 min
Delta R.T.: -0.001 min
Response: 102456550
Conc: 46.02 ng/ml



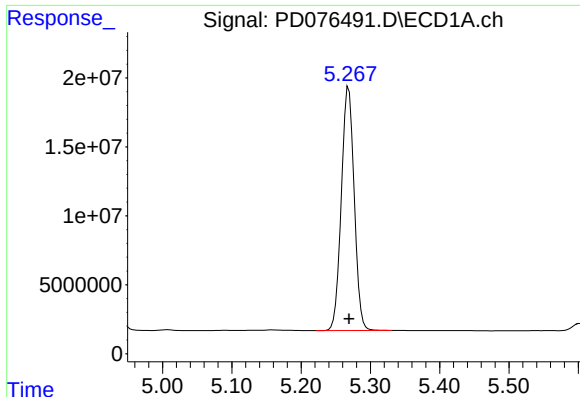
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 233535051
Conc: 42.46 ng/ml



#4 Heptachlor

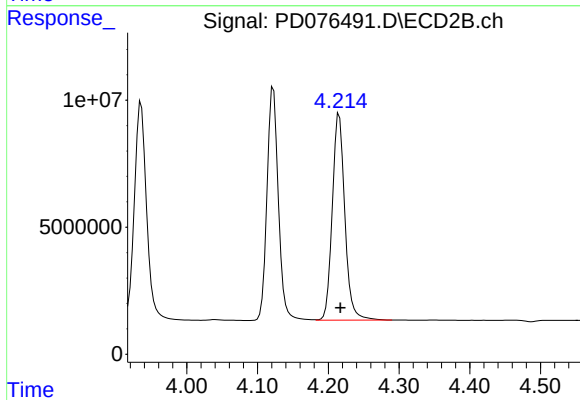
R.T.: 3.935 min
Delta R.T.: -0.002 min
Response: 103145958
Conc: 45.41 ng/ml



#5 Aldrin

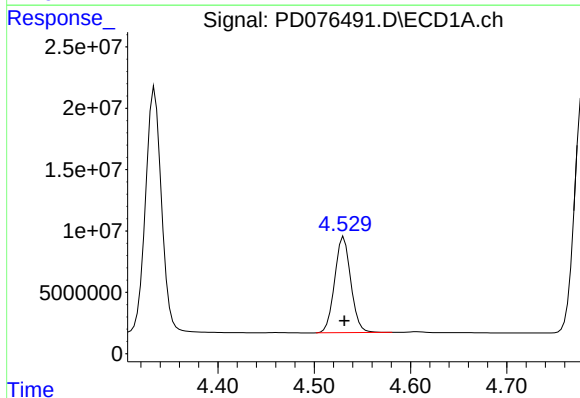
R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 227519678
Conc: 42.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



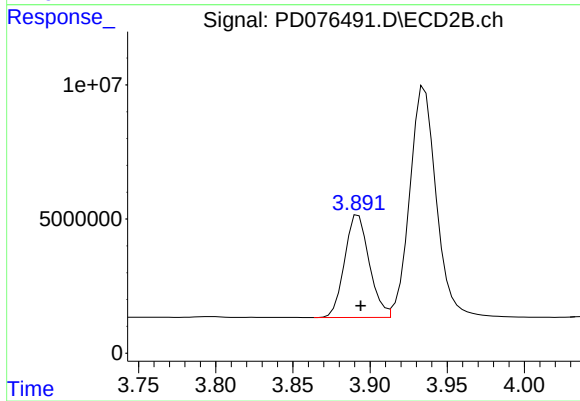
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: -0.001 min
Response: 100191865
Conc: 45.21 ng/ml



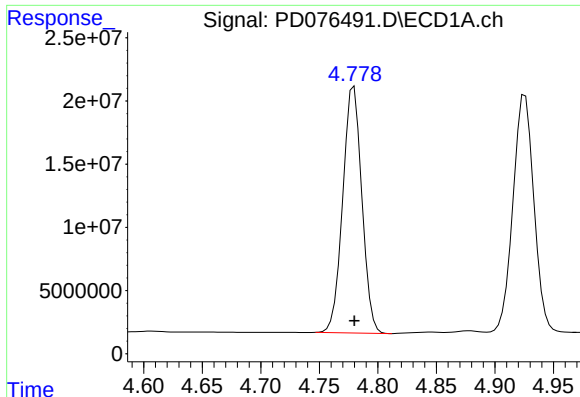
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 91179852
Conc: 43.50 ng/ml



#6 beta-BHC

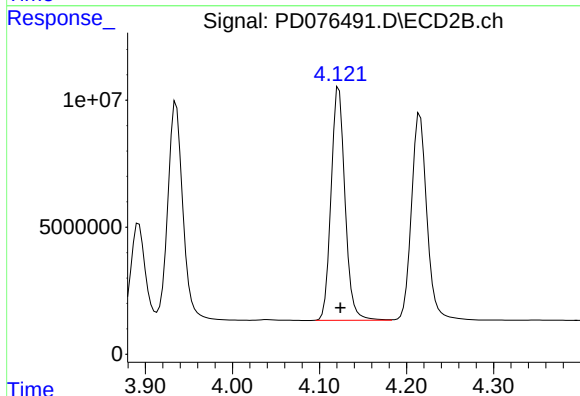
R.T.: 3.893 min
Delta R.T.: -0.001 min
Response: 42445651
Conc: 47.73 ng/ml



#7 delta-BHC

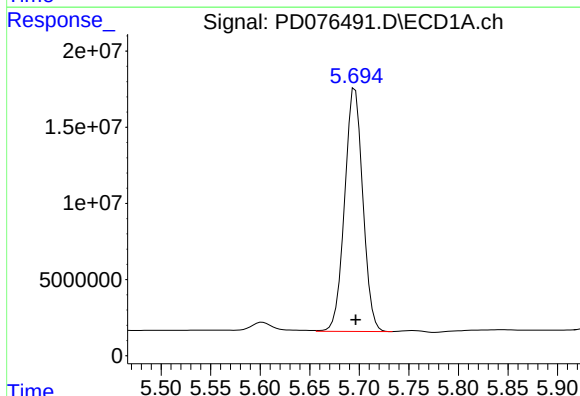
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 221685850
Conc: 43.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



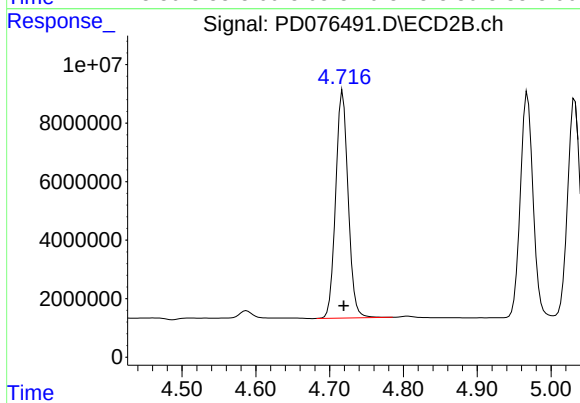
#7 delta-BHC

R.T.: 4.122 min
Delta R.T.: -0.002 min
Response: 102153342
Conc: 48.58 ng/ml



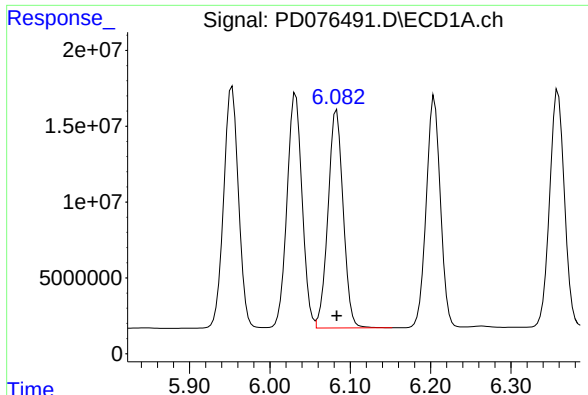
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 203986499
Conc: 42.34 ng/ml



#8 Heptachlor epoxide

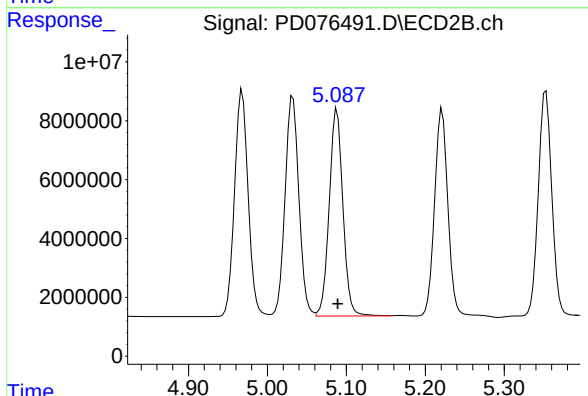
R.T.: 4.718 min
Delta R.T.: -0.001 min
Response: 91317970
Conc: 45.68 ng/ml



#9 Endosulfan I

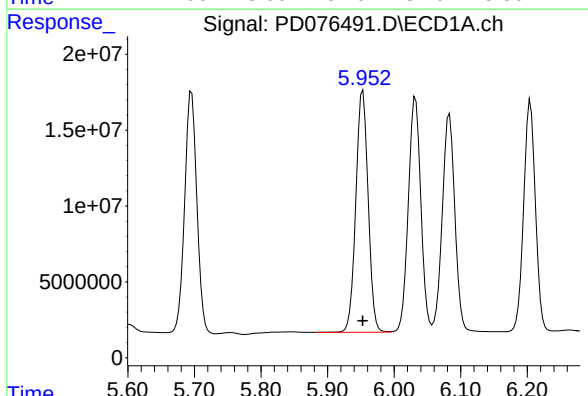
R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 189050961
Conc: 42.38 ng/ml

Instrument :
ECD_D
ClientSampleId :



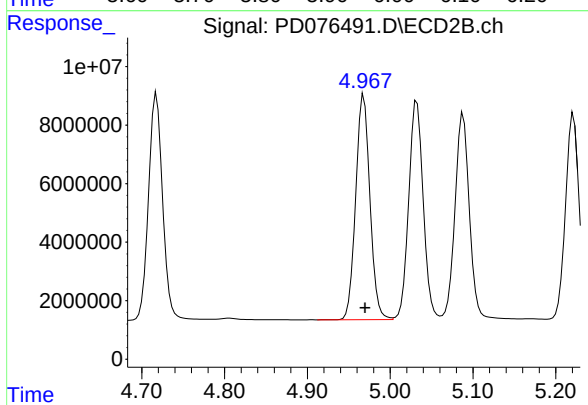
#9 Endosulfan I

R.T.: 5.088 min
Delta R.T.: -0.001 min
Response: 84904963
Conc: 45.34 ng/ml



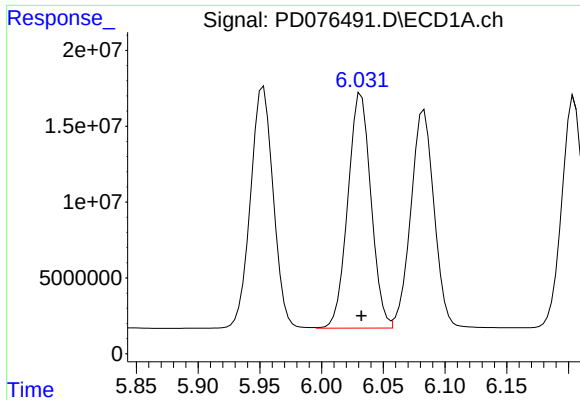
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 205235090
Conc: 42.20 ng/ml



#10 gamma-Chlordane

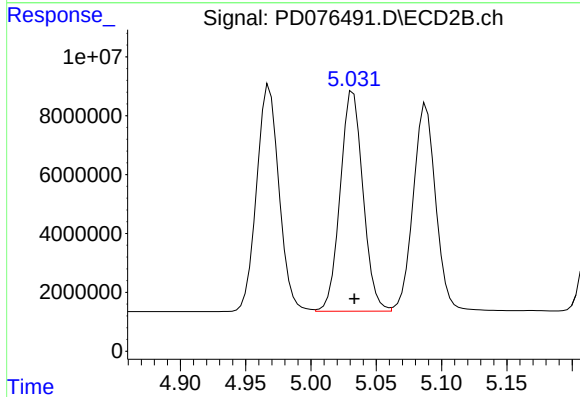
R.T.: 4.968 min
Delta R.T.: -0.002 min
Response: 91874292
Conc: 46.14 ng/ml



#11 alpha-Chlordane

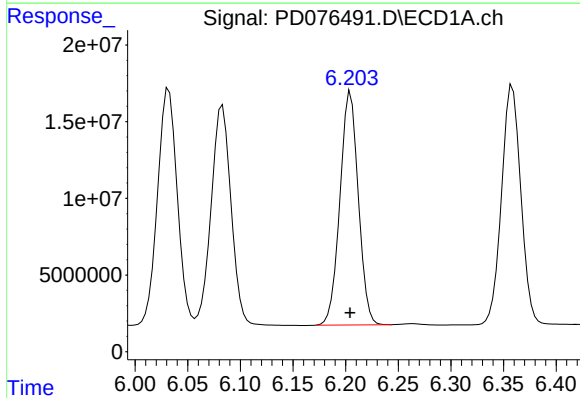
R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 202086475
Conc: 42.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



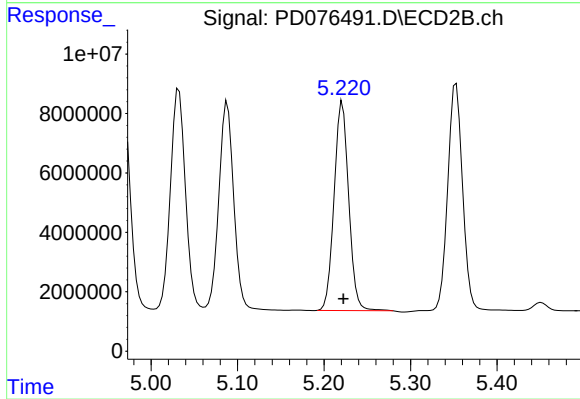
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: -0.001 min
Response: 90937094
Conc: 45.76 ng/ml



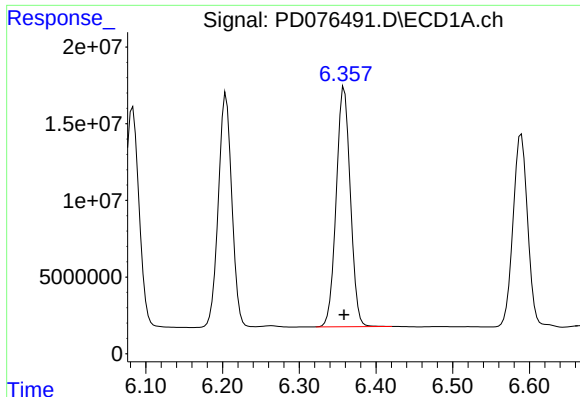
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 185401199
Conc: 43.68 ng/ml



#12 4,4'-DDE

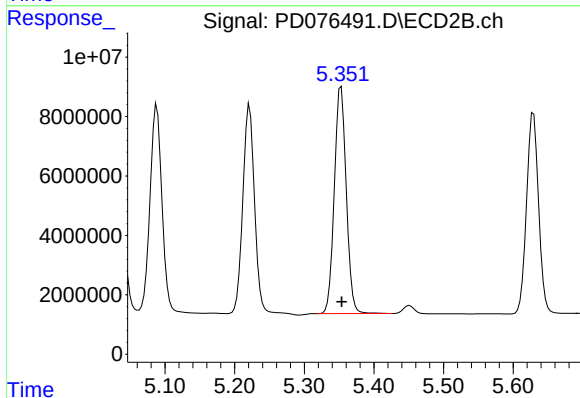
R.T.: 5.221 min
Delta R.T.: -0.001 min
Response: 82263183
Conc: 53.52 ng/ml



#13 Dieldrin

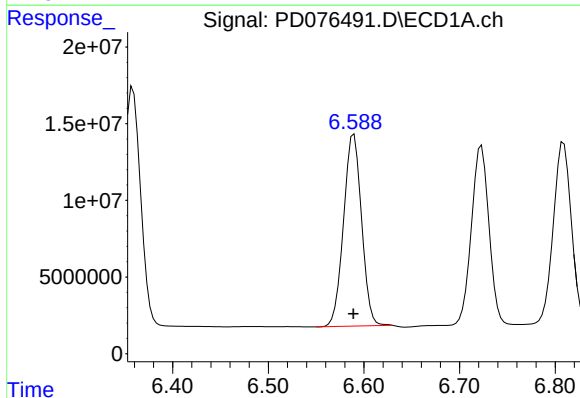
R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 199842296
Conc: 42.72 ng/ml

Instrument :
ECD_D
ClientSampleId :



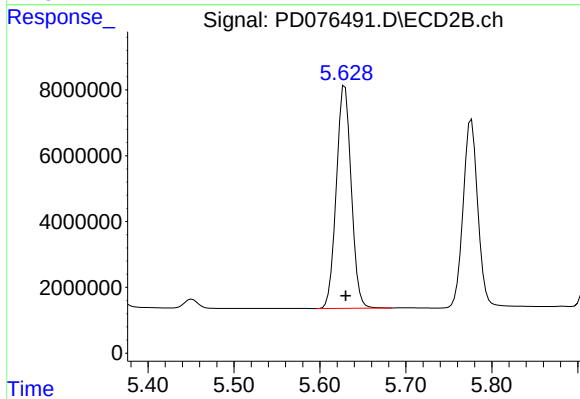
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: -0.001 min
Response: 91043836
Conc: 46.22 ng/ml



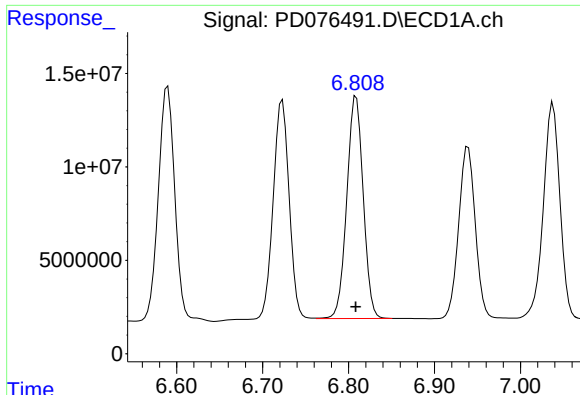
#14 Endrin

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 164399160
Conc: 41.29 ng/ml



#14 Endrin

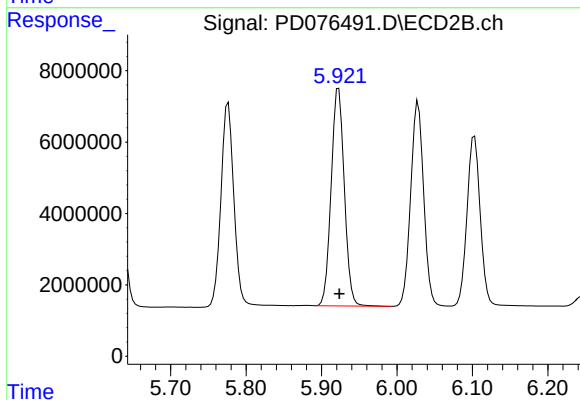
R.T.: 5.629 min
Delta R.T.: -0.001 min
Response: 81374083
Conc: 46.10 ng/ml



#15 Endosulfan II

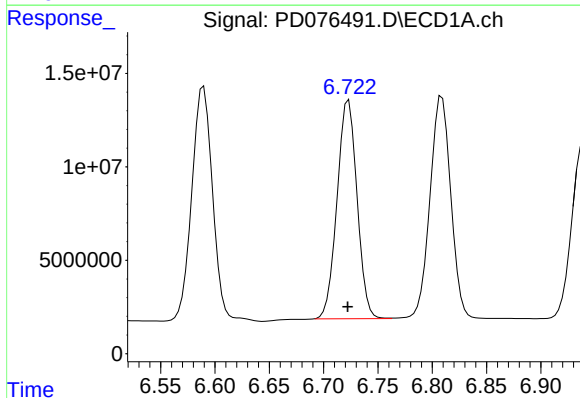
R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 158569997
Conc: 42.70 ng/ml

Instrument :
ECD_D
ClientSampleId :



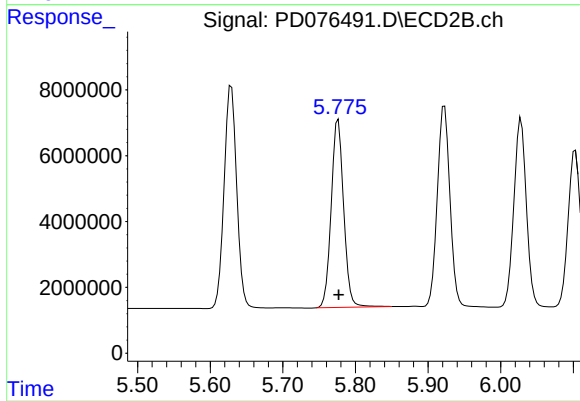
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: -0.001 min
Response: 74016144
Conc: 47.70 ng/ml



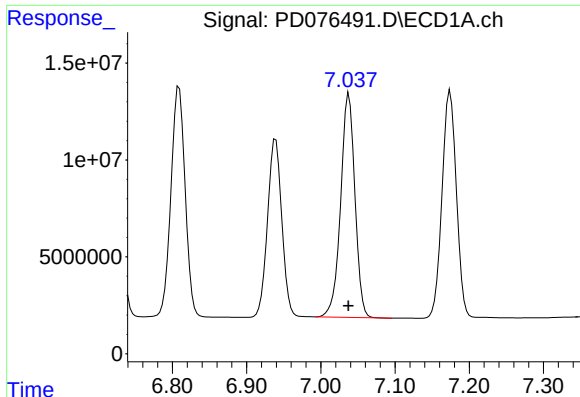
#16 4,4'-DDD

R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 150025290
Conc: 44.66 ng/ml



#16 4,4'-DDD

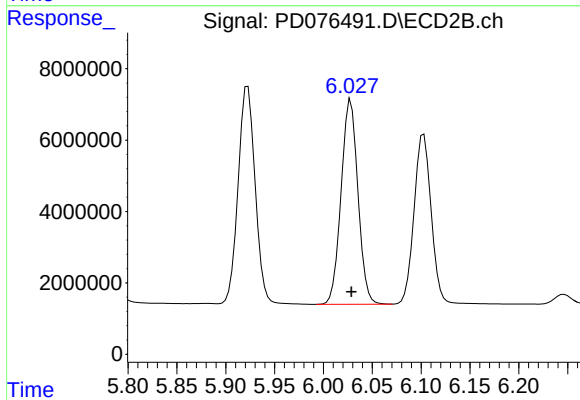
R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 68195061
Conc: 56.43 ng/ml



#17 4,4'-DDT

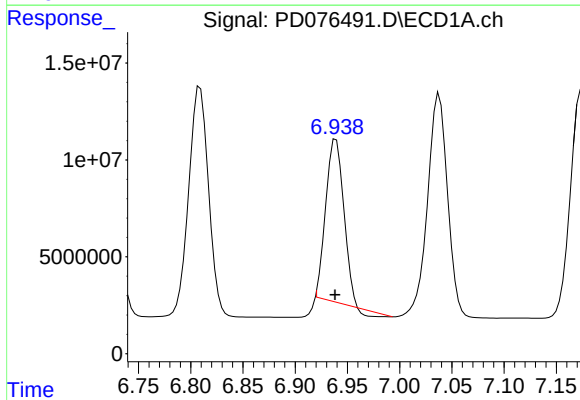
R.T.: 7.038 min
Delta R.T.: 0.000 min
Response: 154538950
Conc: 43.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



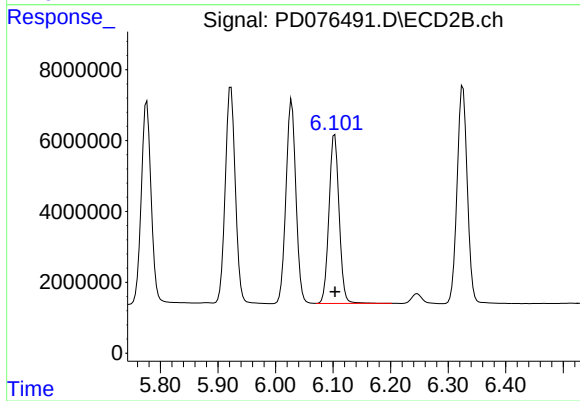
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 68860412
Conc: 56.90 ng/ml



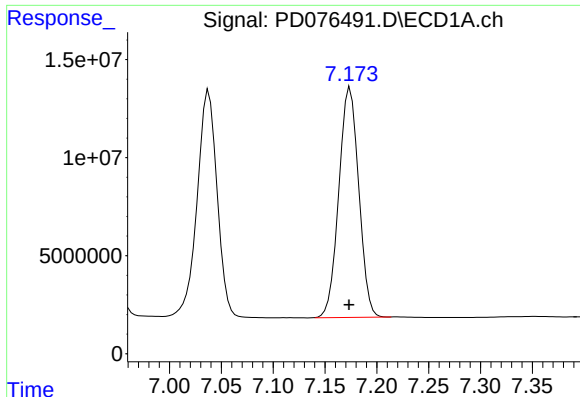
#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 98433260
Conc: 35.91 ng/ml



#18 Endrin aldehyde

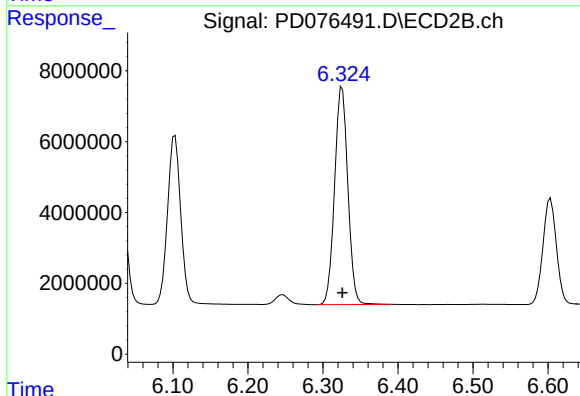
R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 58384012
Conc: 51.09 ng/ml



#19 Endosulfan Sulfate

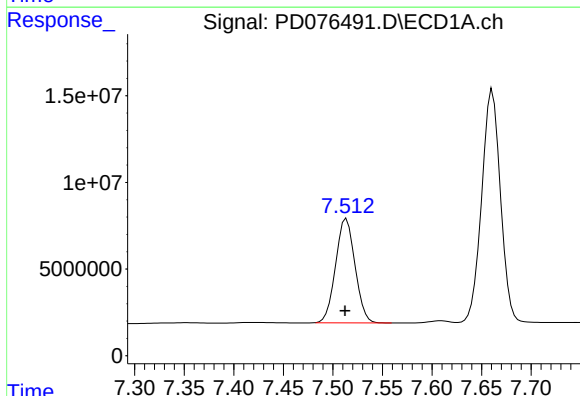
R.T.: 7.174 min
Delta R.T.: 0.001 min
Response: 156804281
Conc: 42.44 ng/ml

Instrument :
ECD_D
ClientSampleId :



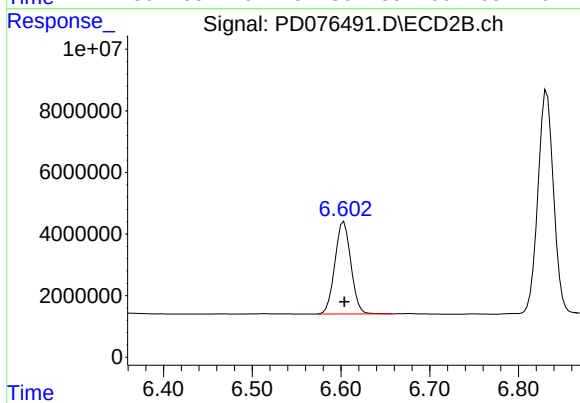
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 75488451
Conc: 49.68 ng/ml



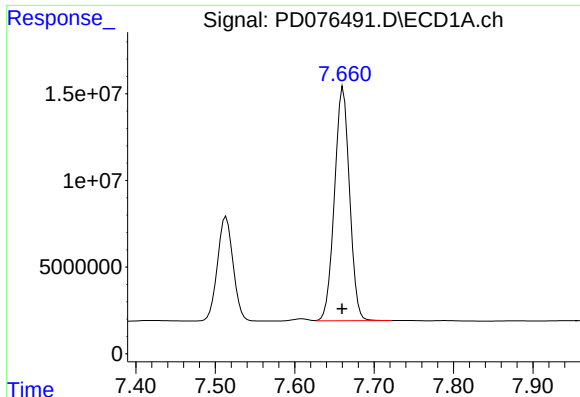
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: 0.001 min
Response: 81912059
Conc: 42.86 ng/ml



#20 Methoxychlor

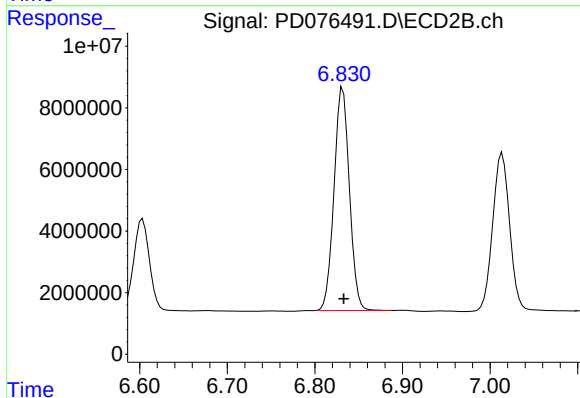
R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 37456497
Conc: 58.65 ng/ml



#21 Endrin ketone

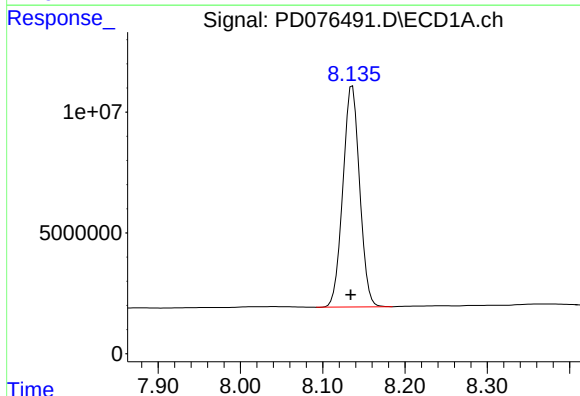
R.T.: 7.661 min
Delta R.T.: 0.001 min
Response: 177596570
Conc: 42.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



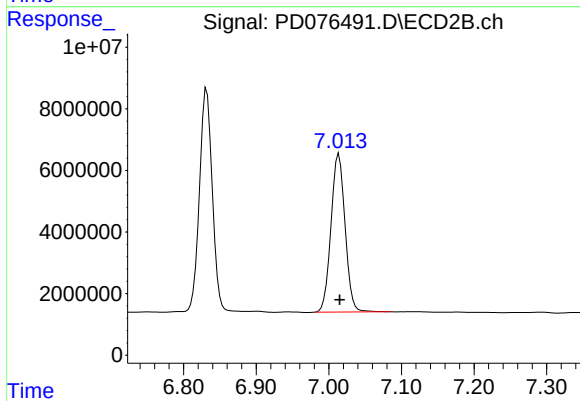
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.001 min
Response: 88347672
Conc: 50.55 ng/ml



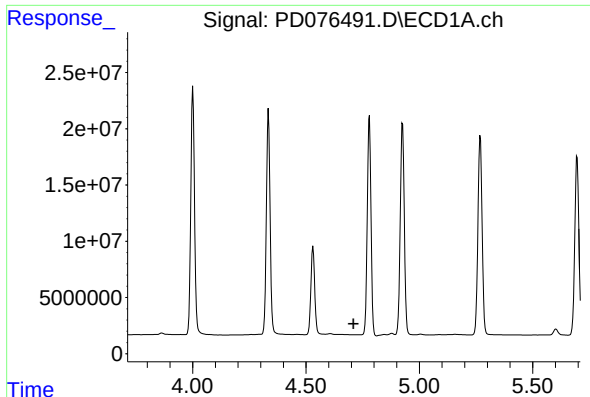
#22 Mirex

R.T.: 8.136 min
Delta R.T.: 0.002 min
Response: 129686701
Conc: 41.04 ng/ml



#22 Mirex

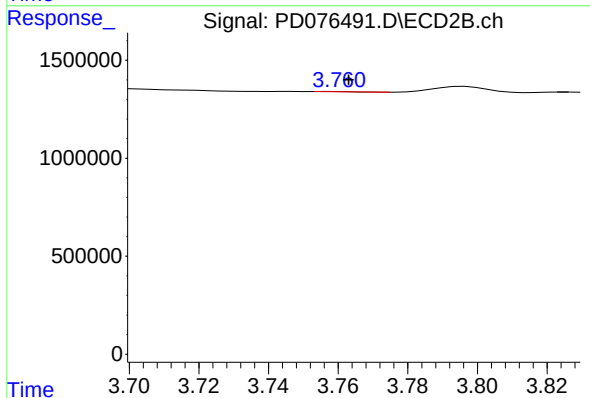
R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 69222245
Conc: 46.70 ng/ml



#23 Chlordane-1

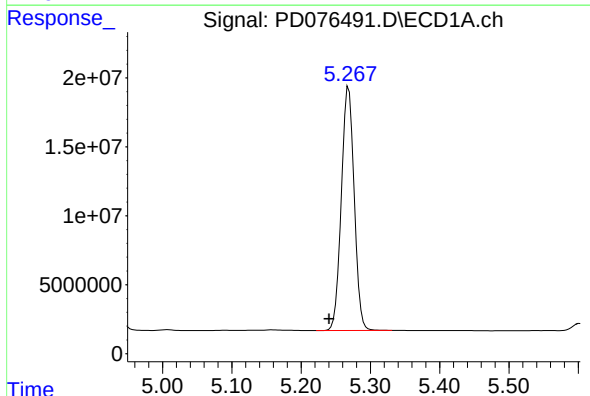
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



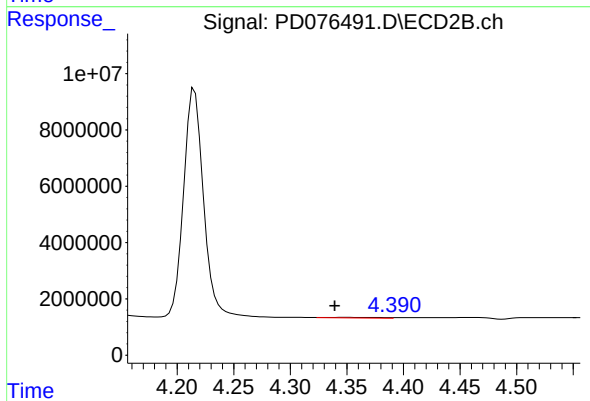
#23 Chlordane-1

R.T.: 3.757 min
Delta R.T.: -0.006 min
Response: 7407
Conc: 0.17 ng/ml



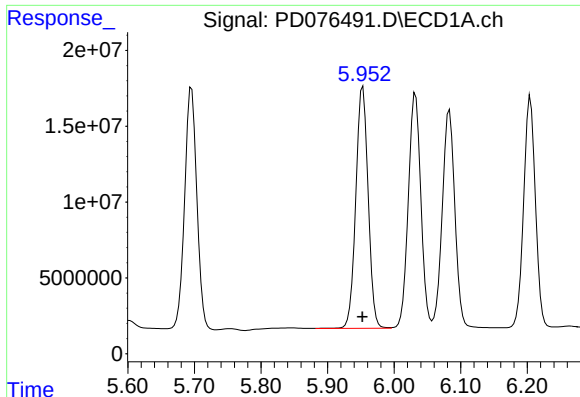
#24 Chlordane-2

R.T.: 5.269 min
Delta R.T.: 0.028 min
Response: 227519678
Conc: 1776.67 ng/ml



#24 Chlordane-2

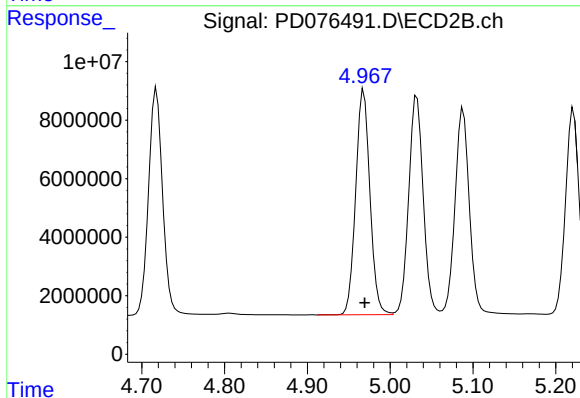
R.T.: 4.349 min
Delta R.T.: 0.010 min
Response: 720942
Conc: 14.84 ng/ml



#25 Chlordane-3

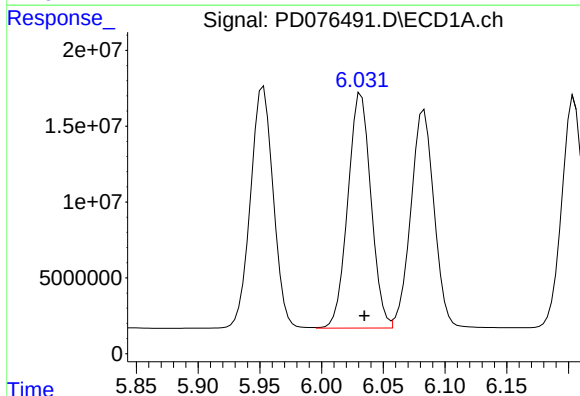
R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 205235090
Conc: 405.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



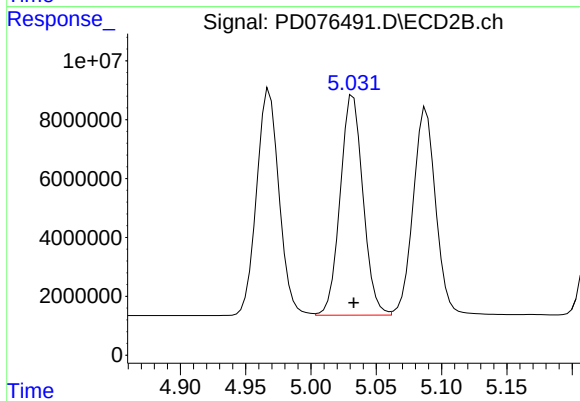
#25 Chlordane-3

R.T.: 4.968 min
Delta R.T.: 0.000 min
Response: 91874292
Conc: 654.70 ng/ml



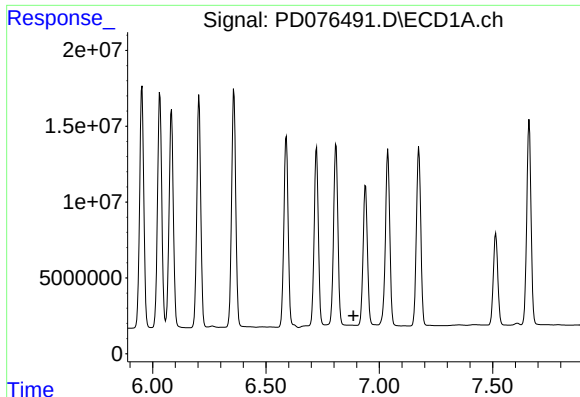
#26 Chlordane-4

R.T.: 6.032 min
Delta R.T.: -0.003 min
Response: 202086475
Conc: 328.70 ng/ml



#26 Chlordane-4

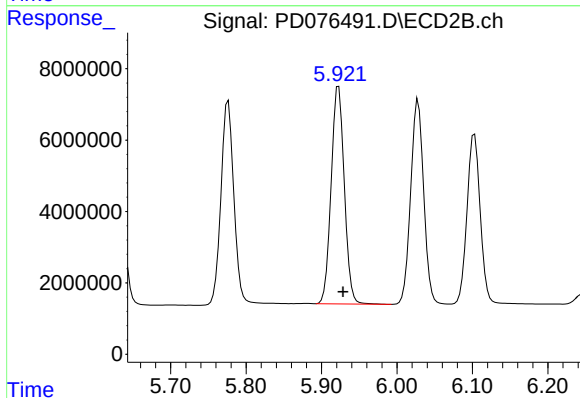
R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 90937094
Conc: 645.77 ng/ml



#27 Chlordane-5

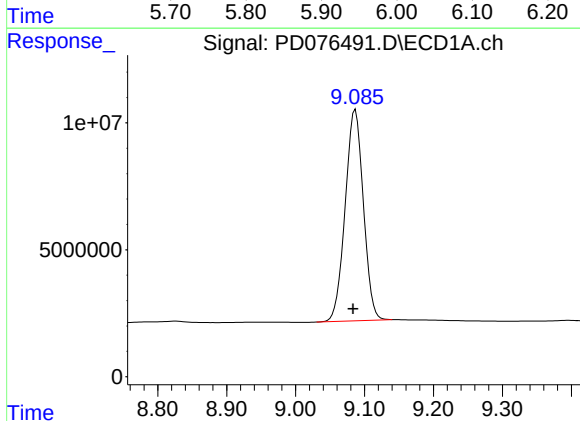
R.T.: 0.000 min
Exp R.T.: 6.886 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



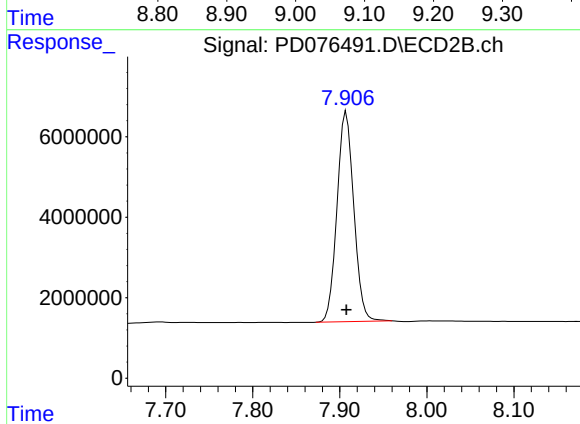
#27 Chlordane-5

R.T.: 5.923 min
Delta R.T.: -0.006 min
Response: 74016144
Conc: 1590.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: 0.003 min
Response: 152711850
Conc: 42.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: 0.000 min
Response: 70167232
Conc: 55.75 ng/ml