

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091322\
 Data File : PD071854.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2022 05:02
 Operator : AR\AJ
 Sample : N4572-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

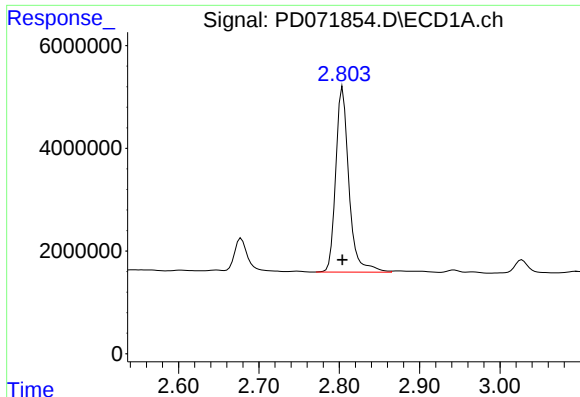
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 05:47:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091022.M
 Quant Title : GC Extractables
 QLast Update : Sat Sep 10 22:11:50 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	2.804	3.563	41253355	572.1E6	16.871	19.936
2)	SA Decachlor...	7.994	9.089	22876072	113.0E6	9.080	12.155 #
Target Compounds							
2)	A alpha-BHC	3.313	4.029	174.0E6	1882.1E6	45.145	46.900
3)	MA gamma-BHC...	3.646	4.365	161.0E6	1506.6E6	45.861	45.887
4)	MA Heptachlor	3.992	4.942	170.2E6	1114.2E6	45.525	46.114
5)	MB Aldrin	4.276	5.284	177.0E6	999.1E6	48.328	49.283
6)	B beta-BHC	3.945	4.571	75389414	633.7E6	49.759	47.946
7)	B delta-BHC	4.178	4.819	152.9E6	1158.7E6	43.399	49.569
8)	B Heptachlo...	4.783	5.716	152.4E6	773.1E6	46.598	50.134
9)	A Endosulfan I	5.157	6.104	121.3E6	810.5E6	38.178	54.982 #
10)	B gamma-Chl...	5.035	5.971	155.7E6	820.0E6	46.185	51.037
11)	B alpha-Chl...	5.100	6.048	152.3E6	870.2E6	45.906	55.772
12)	B 4,4'-DDE	5.290	6.220	144.0E6	740.8E6	47.056	50.285
13)	MA Dieldrin	5.423	6.381	159.5E6	707.7E6	47.680	46.692
14)	MA Endrin	5.700	6.614	143.3E6	617.2E6	48.362	48.862
15)	B Endosulfa...	5.995	6.839	133.3E6	632.8E6	48.396	51.103
16)	A 4,4'-DDD	5.849	6.745	111.4E6	593.1E6	43.954	49.900
17)	MA 4,4'-DDT	6.102	7.057	120.6E6	575.1E6	45.819	46.553
18)	B Endrin al...	6.176	6.970	105.2E6	505.0E6	47.565	52.308
19)	B Endosulfa...	6.400	7.203	117.7E6	521.6E6	43.889	46.770
20)	A Methoxychlor	6.681	7.533	70460446	298.7E6	47.057	49.139
21)	B Endrin ke...	6.909	7.695	131.7E6	606.2E6	43.880	48.740
22)	Mirex	7.096	8.157	99215798	418.9E6	42.098	48.376
23)	Chlordane-1	3.828	4.729	2406093	1157488	23.659	1.206 #
24)	Chlordane-2	4.374f	5.284f	2296760	999.1E6	18.821	1445.078 #
25)	Chlordane-3	5.035	5.971	155.7E6	820.0E6	457.879	373.287
26)	Chlordane-4	5.100	6.048	152.3E6	870.2E6	484.883	338.637 #
27)	Chlordane-5	5.995	6.900	133.3E6	4353452	1068.522	8.851 #

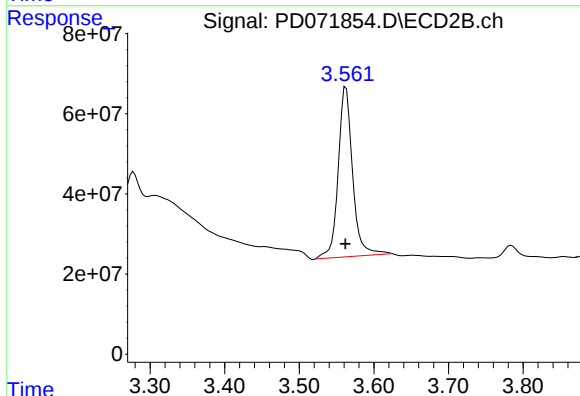
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

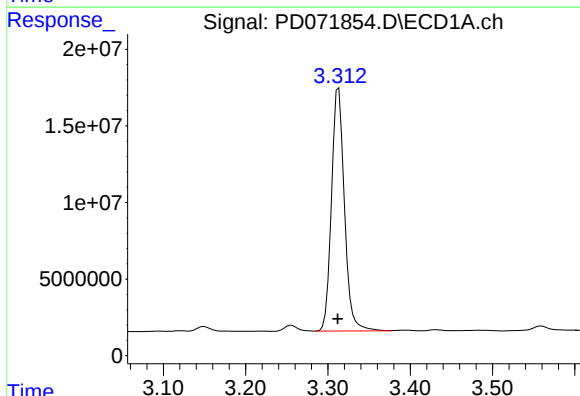
R.T.: 2.804 min
Delta R.T.: 0.000 min
Response: 41253355
Conc: 16.87 ng/ml

Instrument :
ECD_D
ClientSampleId :



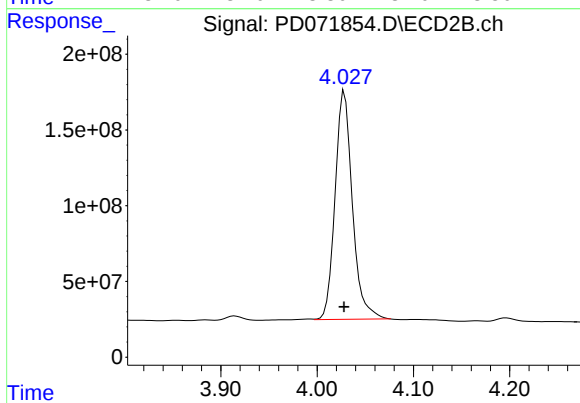
#1 Tetrachloro-m-xylene

R.T.: 3.563 min
Delta R.T.: 0.000 min
Response: 572074081
Conc: 19.94 ng/ml



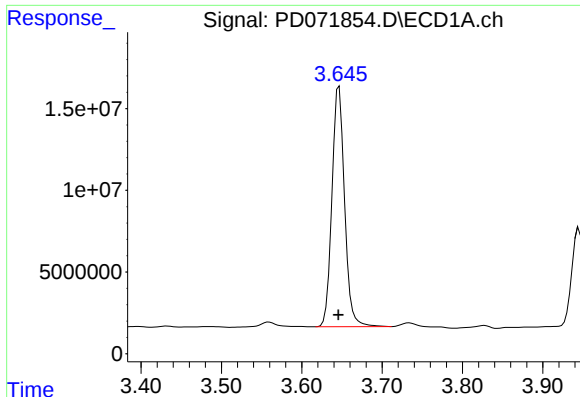
#2 alpha-BHC

R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 173977939
Conc: 45.14 ng/ml



#2 alpha-BHC

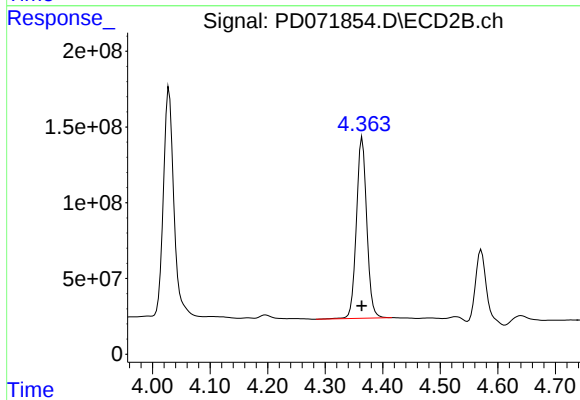
R.T.: 4.029 min
Delta R.T.: 0.000 min
Response: 1882057002
Conc: 46.90 ng/ml



#3 gamma-BHC (Lindane)

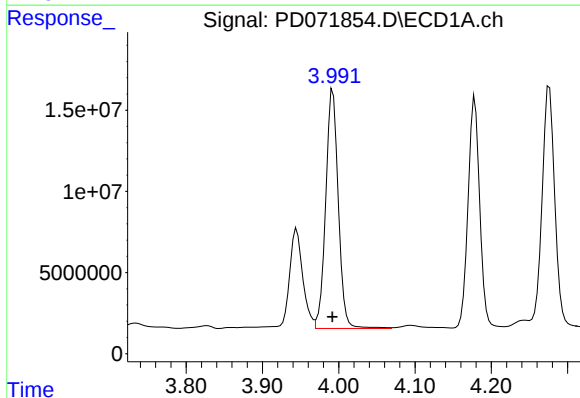
R.T.: 3.646 min
Delta R.T.: 0.000 min
Response: 161022749
Conc: 45.86 ng/ml

Instrument :
ECD_D
ClientSampleId :



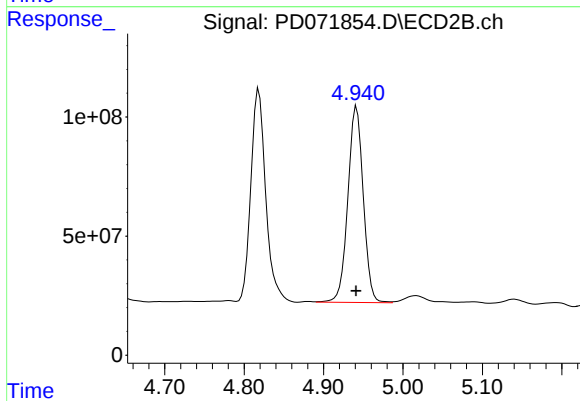
#3 gamma-BHC (Lindane)

R.T.: 4.365 min
Delta R.T.: 0.001 min
Response: 1506592255
Conc: 45.89 ng/ml



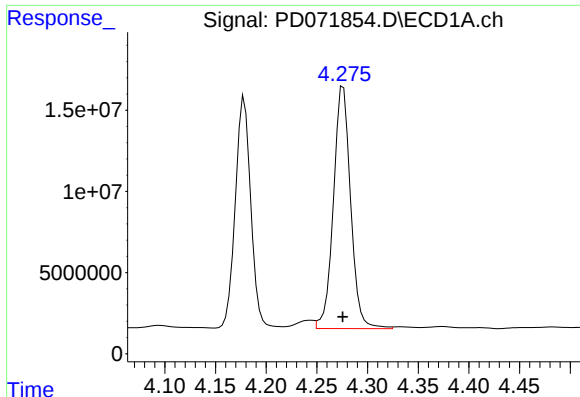
#4 Heptachlor

R.T.: 3.992 min
Delta R.T.: 0.000 min
Response: 170205337
Conc: 45.53 ng/ml



#4 Heptachlor

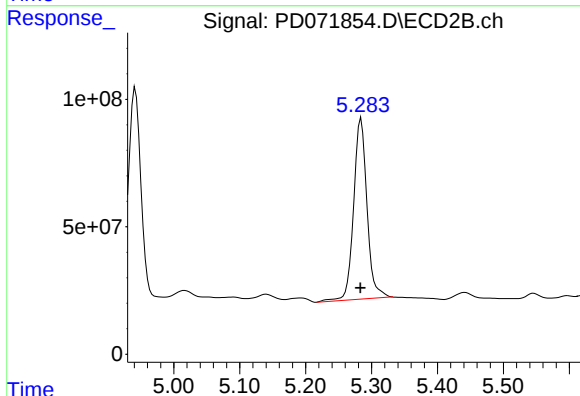
R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 1114218276
Conc: 46.11 ng/ml



#5 Aldrin

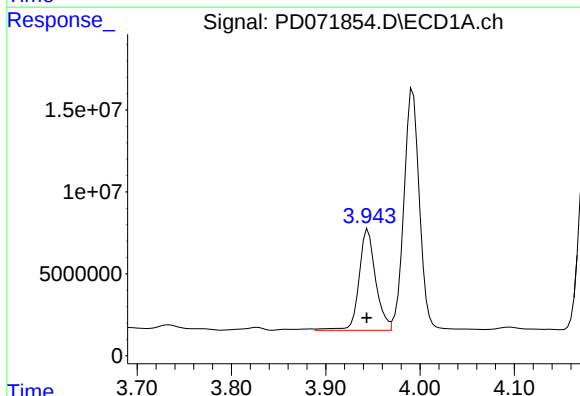
R.T.: 4.276 min
Delta R.T.: 0.000 min
Response: 176971089
Conc: 48.33 ng/ml

Instrument :
ECD_D
ClientSampleId :



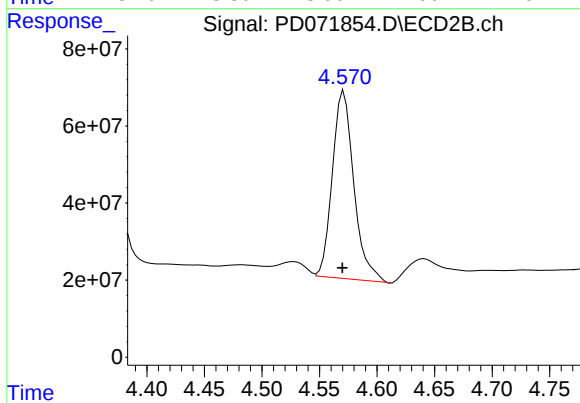
#5 Aldrin

R.T.: 5.284 min
Delta R.T.: 0.000 min
Response: 999067220
Conc: 49.28 ng/ml



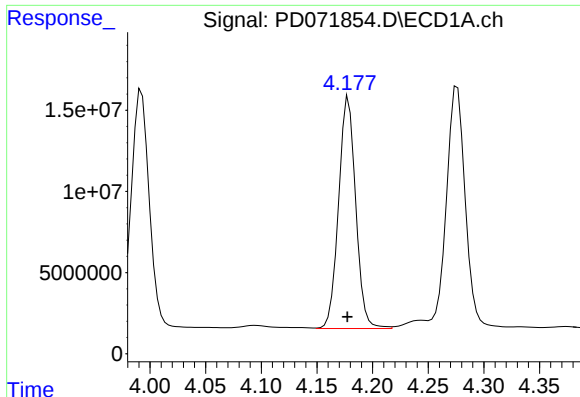
#6 beta-BHC

R.T.: 3.945 min
Delta R.T.: 0.001 min
Response: 75389414
Conc: 49.76 ng/ml



#6 beta-BHC

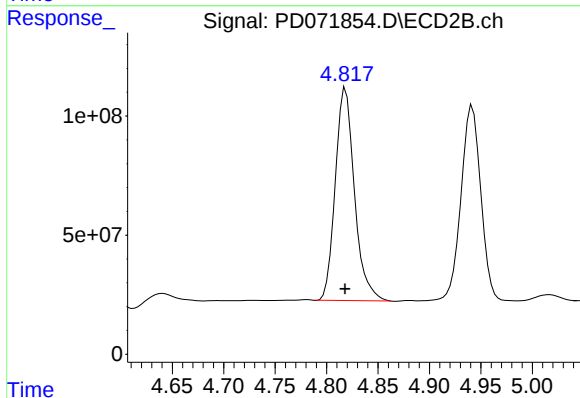
R.T.: 4.571 min
Delta R.T.: 0.001 min
Response: 633690379
Conc: 47.95 ng/ml



#7 delta-BHC

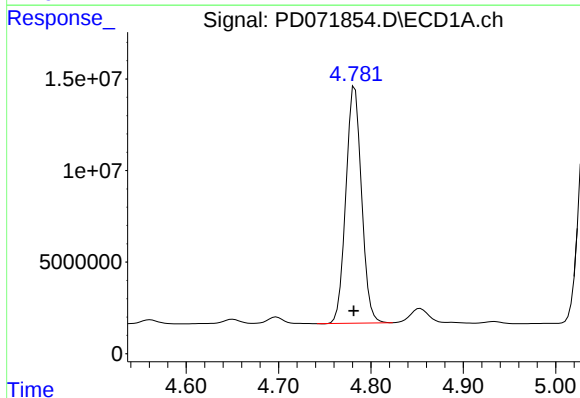
R.T.: 4.178 min
Delta R.T.: 0.001 min
Response: 152943576
Conc: 43.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



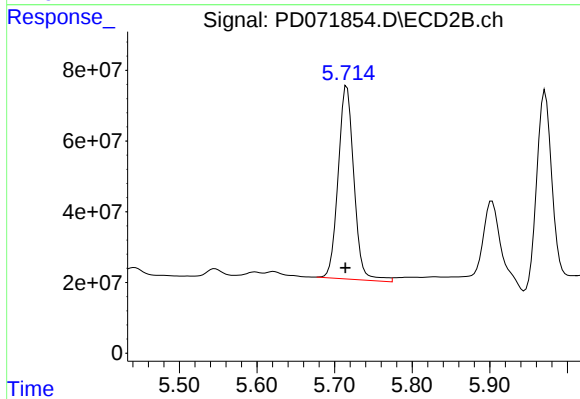
#7 delta-BHC

R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 1158664304
Conc: 49.57 ng/ml



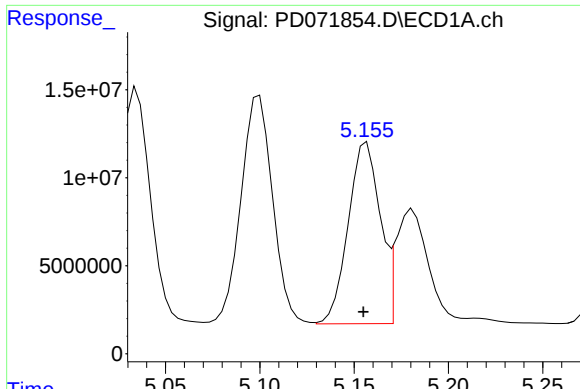
#8 Heptachlor epoxide

R.T.: 4.783 min
Delta R.T.: 0.001 min
Response: 152372646
Conc: 46.60 ng/ml



#8 Heptachlor epoxide

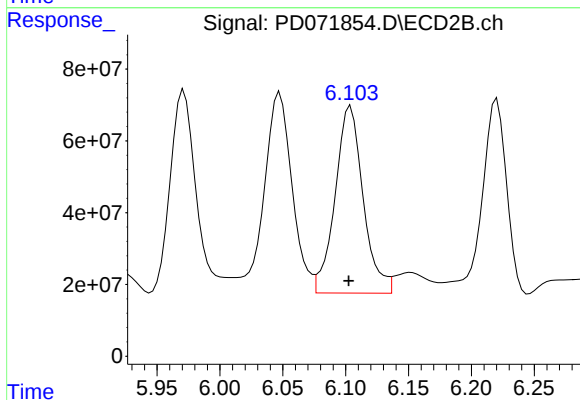
R.T.: 5.716 min
Delta R.T.: 0.002 min
Response: 773064585
Conc: 50.13 ng/ml



#9 Endosulfan I

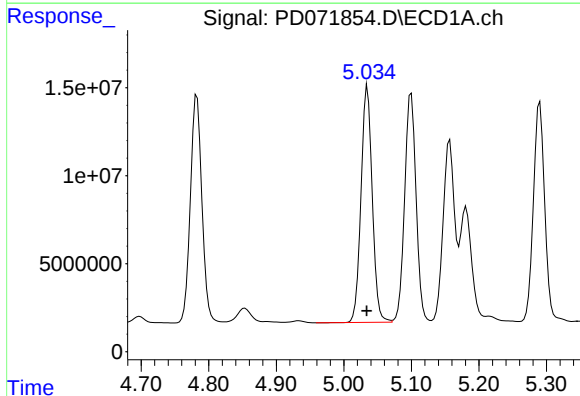
R.T.: 5.157 min
Delta R.T.: 0.002 min
Response: 121336399
Conc: 38.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



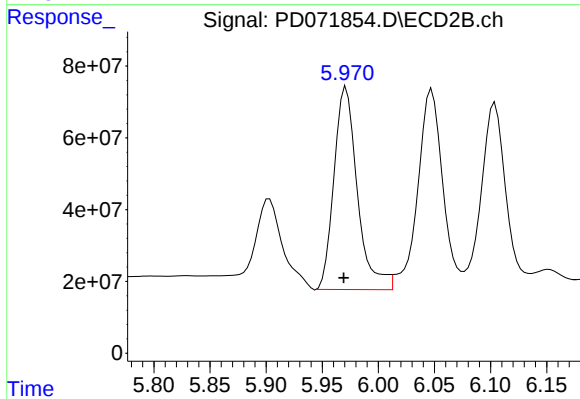
#9 Endosulfan I

R.T.: 6.104 min
Delta R.T.: 0.002 min
Response: 810539633
Conc: 54.98 ng/ml



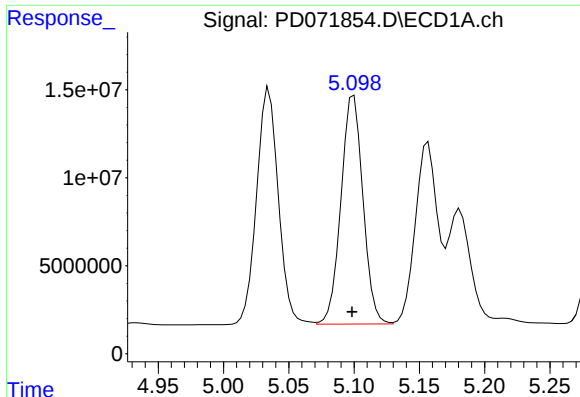
#10 gamma-Chlordane

R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 155689945
Conc: 46.18 ng/ml



#10 gamma-Chlordane

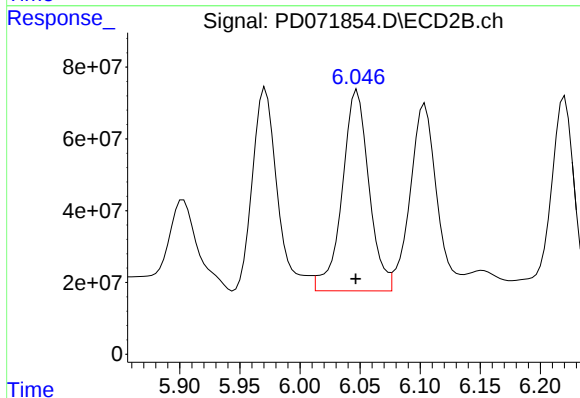
R.T.: 5.971 min
Delta R.T.: 0.002 min
Response: 820042787
Conc: 51.04 ng/ml



#11 alpha-Chlordane

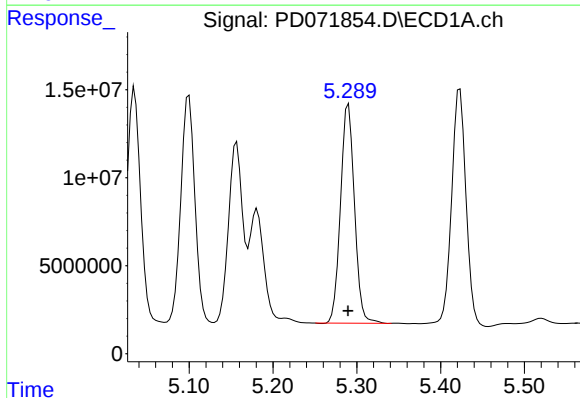
R.T.: 5.100 min
Delta R.T.: 0.001 min
Response: 152347081
Conc: 45.91 ng/ml

Instrument :
ECD_D
ClientSampleId :



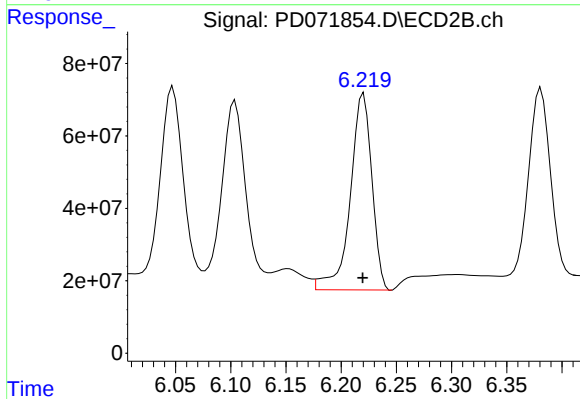
#11 alpha-Chlordane

R.T.: 6.048 min
Delta R.T.: 0.001 min
Response: 870191261
Conc: 55.77 ng/ml



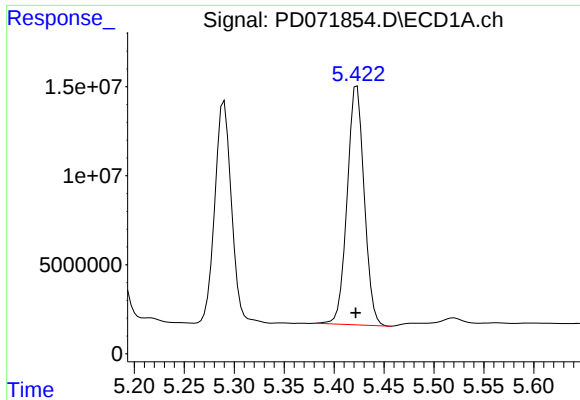
#12 4,4'-DDE

R.T.: 5.290 min
Delta R.T.: 0.000 min
Response: 143978151
Conc: 47.06 ng/ml



#12 4,4'-DDE

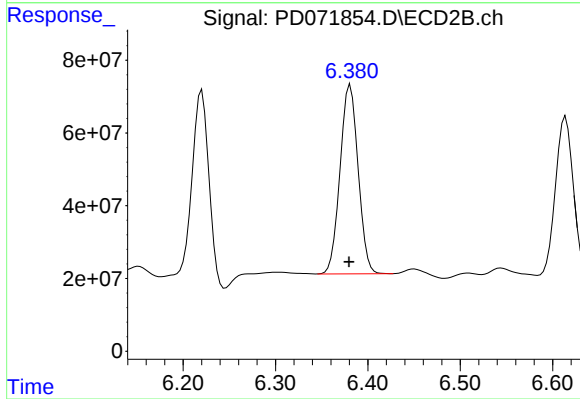
R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 740766637
Conc: 50.29 ng/ml



#13 Dieldrin

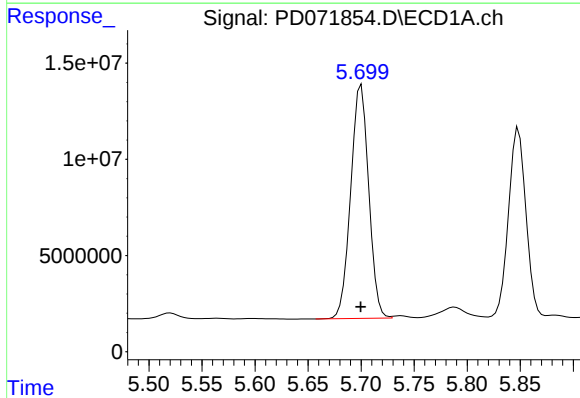
R.T.: 5.423 min
Delta R.T.: 0.001 min
Response: 159473311
Conc: 47.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



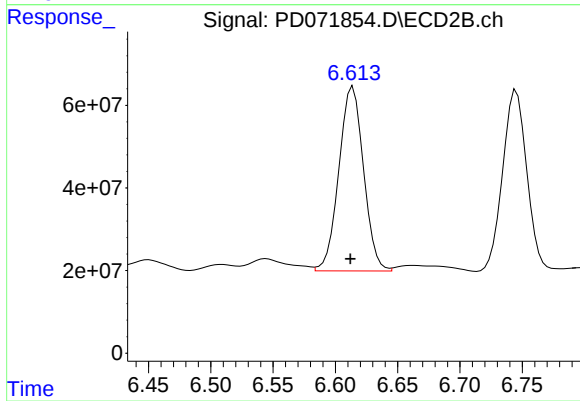
#13 Dieldrin

R.T.: 6.381 min
Delta R.T.: 0.002 min
Response: 707709994
Conc: 46.69 ng/ml



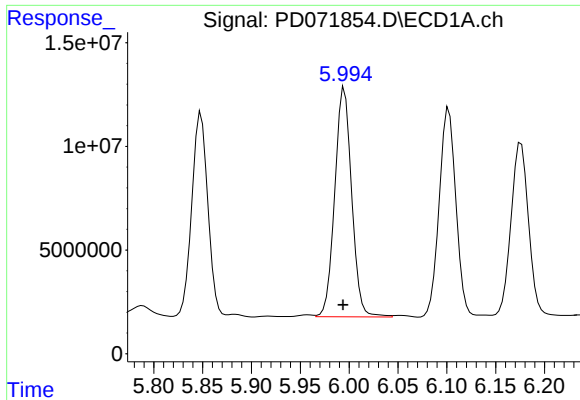
#14 Endrin

R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 143288346
Conc: 48.36 ng/ml



#14 Endrin

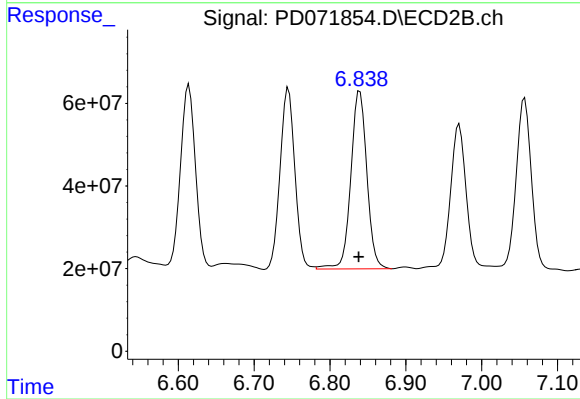
R.T.: 6.614 min
Delta R.T.: 0.002 min
Response: 617151660
Conc: 48.86 ng/ml



#15 Endosulfan II

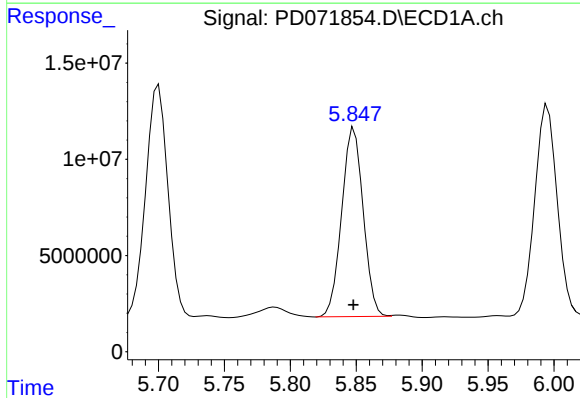
R.T.: 5.995 min
Delta R.T.: 0.001 min
Response: 133311494
Conc: 48.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



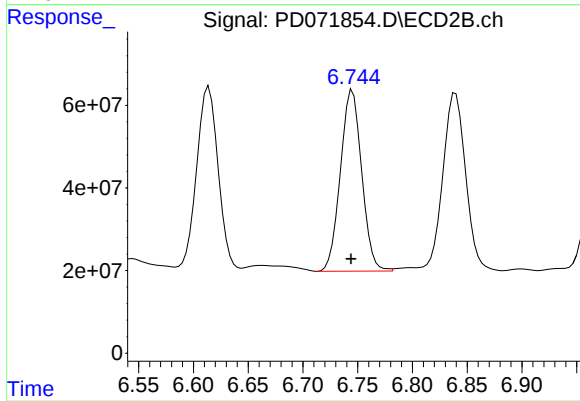
#15 Endosulfan II

R.T.: 6.839 min
Delta R.T.: 0.002 min
Response: 632782294
Conc: 51.10 ng/ml



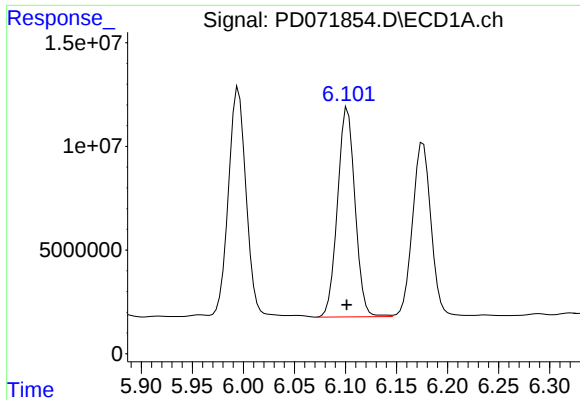
#16 4,4'-DDD

R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 111447390
Conc: 43.95 ng/ml



#16 4,4'-DDD

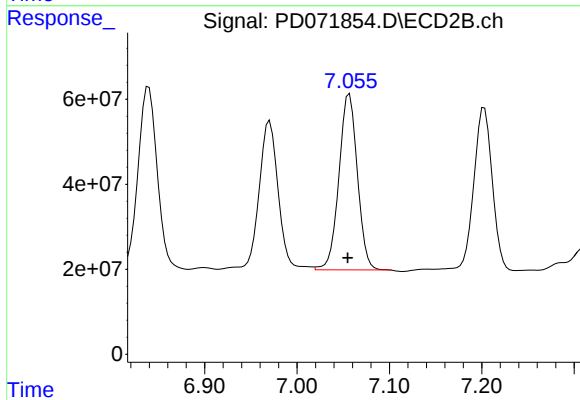
R.T.: 6.745 min
Delta R.T.: 0.001 min
Response: 593083789
Conc: 49.90 ng/ml



#17 4,4'-DDT

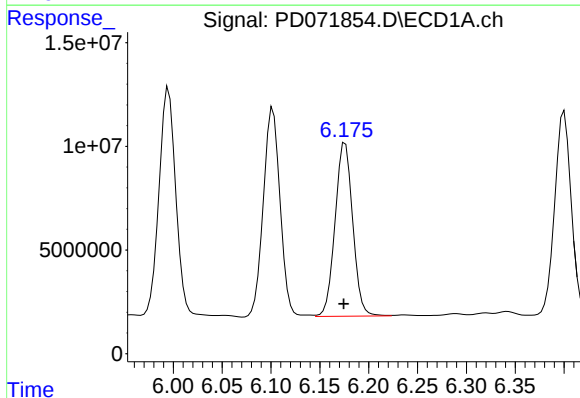
R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 120594322
Conc: 45.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



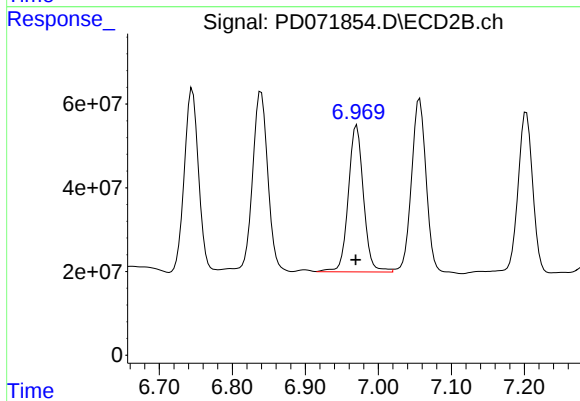
#17 4,4'-DDT

R.T.: 7.057 min
Delta R.T.: 0.002 min
Response: 575106561
Conc: 46.55 ng/ml



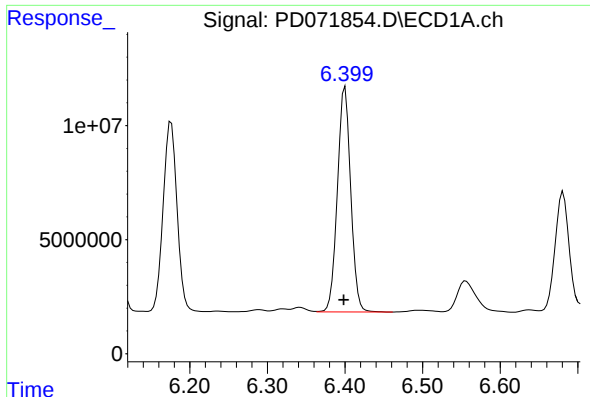
#18 Endrin aldehyde

R.T.: 6.176 min
Delta R.T.: 0.001 min
Response: 105191074
Conc: 47.57 ng/ml



#18 Endrin aldehyde

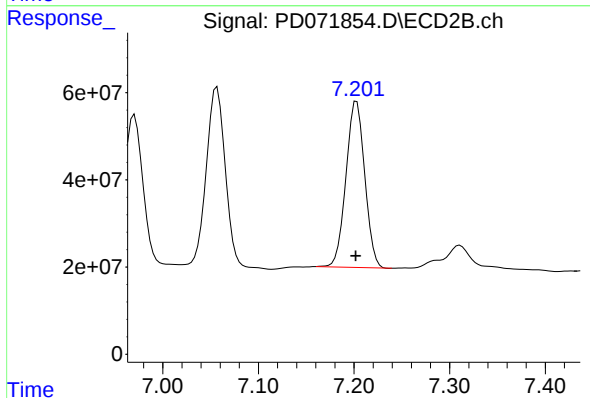
R.T.: 6.970 min
Delta R.T.: 0.002 min
Response: 505041862
Conc: 52.31 ng/ml



#19 Endosulfan Sulfate

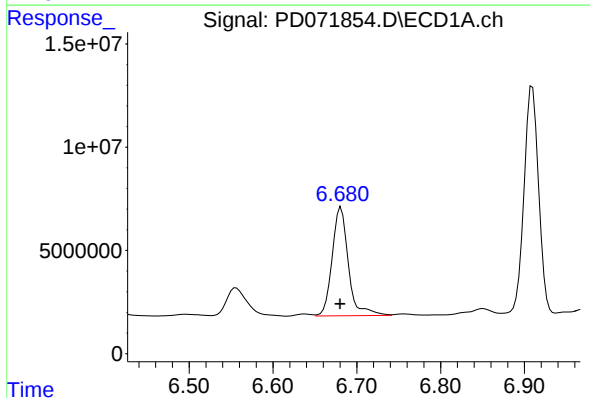
R.T.: 6.400 min
Delta R.T.: 0.002 min
Response: 117704845
Conc: 43.89 ng/ml

Instrument :
ECD_D
ClientSampleId :



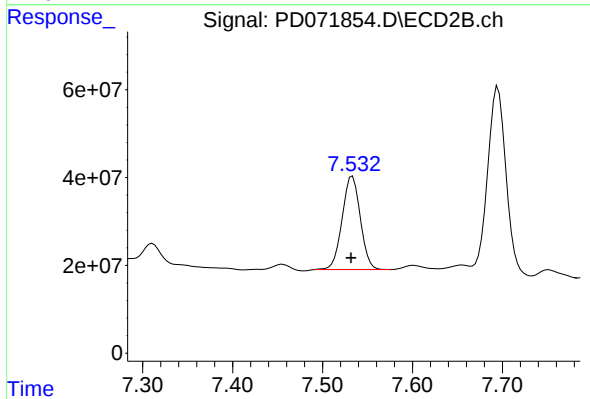
#19 Endosulfan Sulfate

R.T.: 7.203 min
Delta R.T.: 0.001 min
Response: 521596564
Conc: 46.77 ng/ml



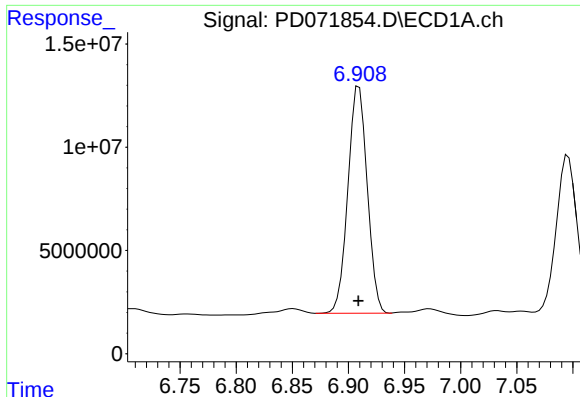
#20 Methoxychlor

R.T.: 6.681 min
Delta R.T.: 0.001 min
Response: 70460446
Conc: 47.06 ng/ml



#20 Methoxychlor

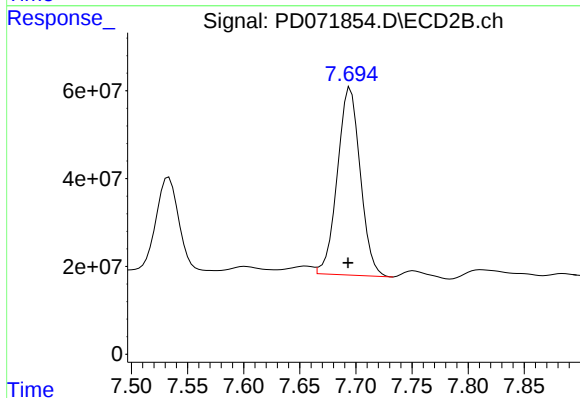
R.T.: 7.533 min
Delta R.T.: 0.002 min
Response: 298723101
Conc: 49.14 ng/ml



#21 Endrin ketone

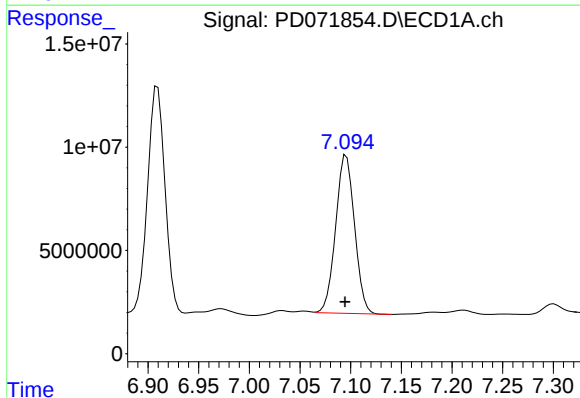
R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 131665785
Conc: 43.88 ng/ml

Instrument :
ECD_D
ClientSampleId :



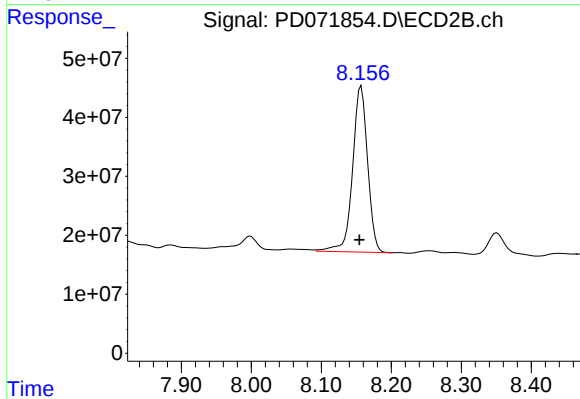
#21 Endrin ketone

R.T.: 7.695 min
Delta R.T.: 0.002 min
Response: 606185882
Conc: 48.74 ng/ml



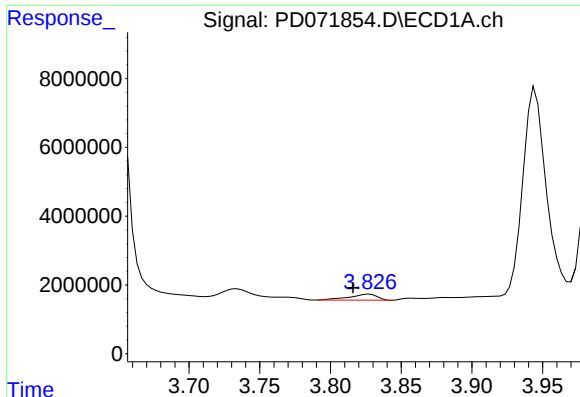
#22 Mirex

R.T.: 7.096 min
Delta R.T.: 0.001 min
Response: 99215798
Conc: 42.10 ng/ml



#22 Mirex

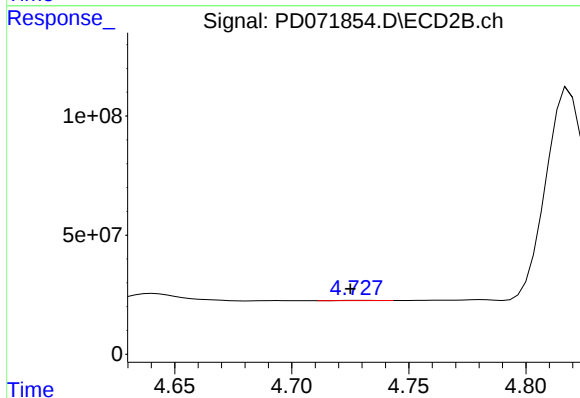
R.T.: 8.157 min
Delta R.T.: 0.002 min
Response: 418945738
Conc: 48.38 ng/ml



#23 Chlordane-1

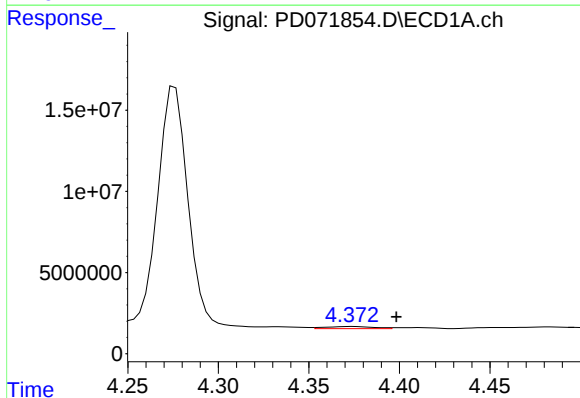
R.T.: 3.828 min
Delta R.T.: 0.012 min
Response: 2406093
Conc: 23.66 ng/ml

Instrument :
ECD_D
ClientSampleId :



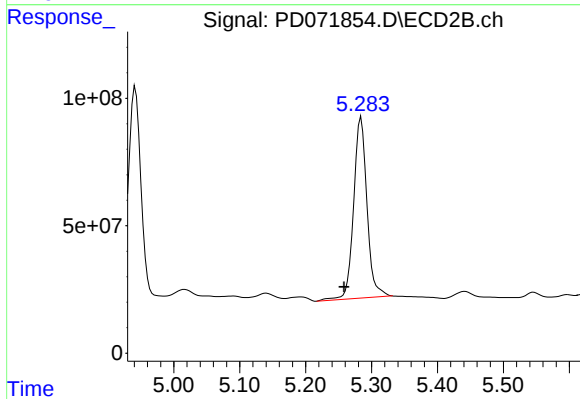
#23 Chlordane-1

R.T.: 4.729 min
Delta R.T.: 0.003 min
Response: 1157488
Conc: 1.21 ng/ml



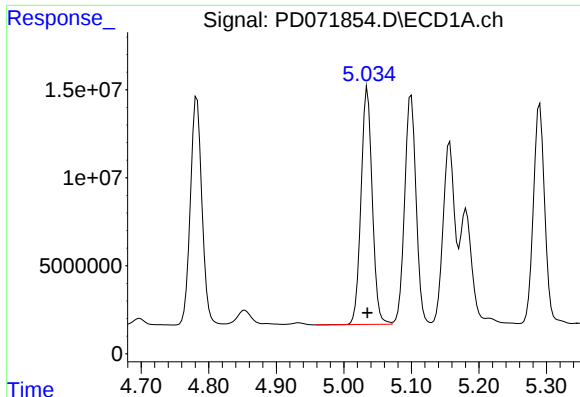
#24 Chlordane-2

R.T.: 4.374 min
Delta R.T.: -0.025 min
Response: 2296760
Conc: 18.82 ng/ml



#24 Chlordane-2

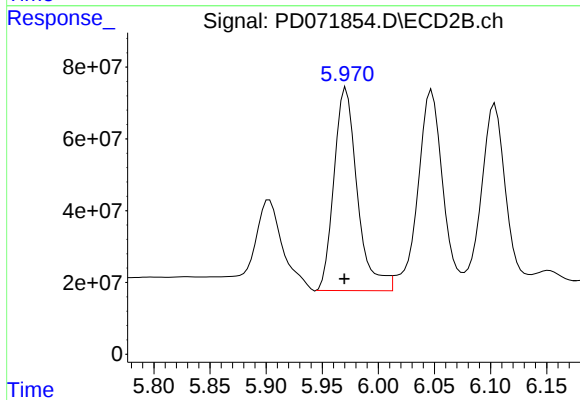
R.T.: 5.284 min
Delta R.T.: 0.026 min
Response: 999067220
Conc: 1445.08 ng/ml



#25 Chlordane-3

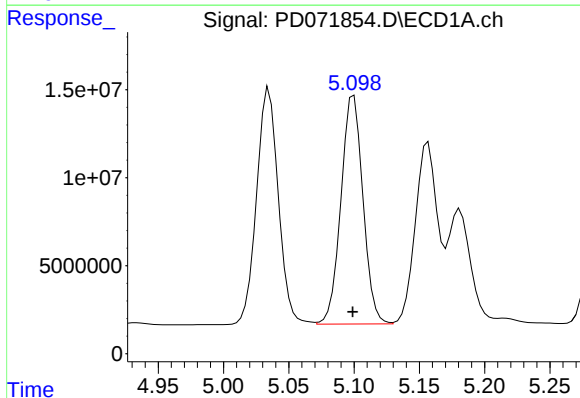
R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 155689945
Conc: 457.88 ng/ml

Instrument :
ECD_D
ClientSampleId :



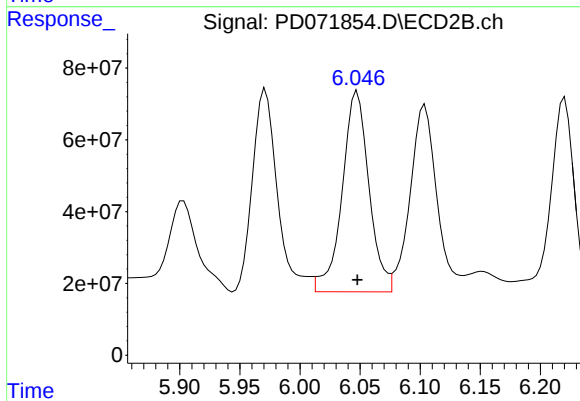
#25 Chlordane-3

R.T.: 5.971 min
Delta R.T.: 0.002 min
Response: 820042787
Conc: 373.29 ng/ml



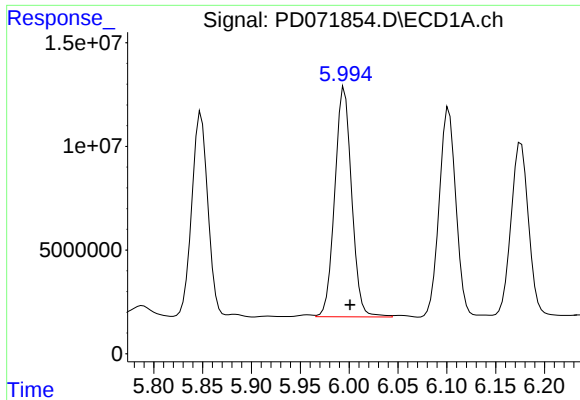
#26 Chlordane-4

R.T.: 5.100 min
Delta R.T.: 0.000 min
Response: 152347081
Conc: 484.88 ng/ml



#26 Chlordane-4

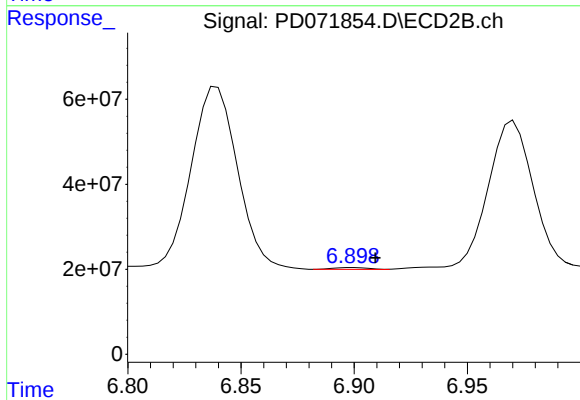
R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 870191261
Conc: 338.64 ng/ml



#27 Chlordane-5

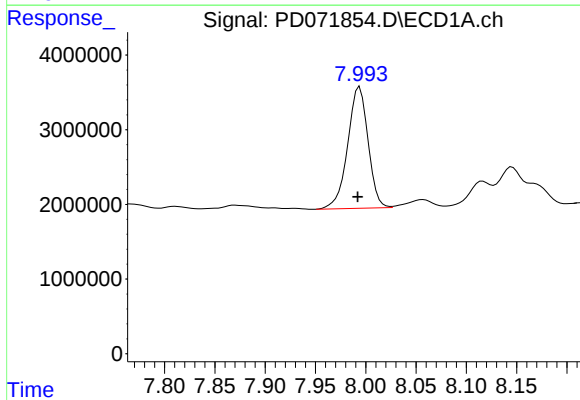
R.T.: 5.995 min
Delta R.T.: -0.006 min
Response: 133311494
Conc: 1068.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



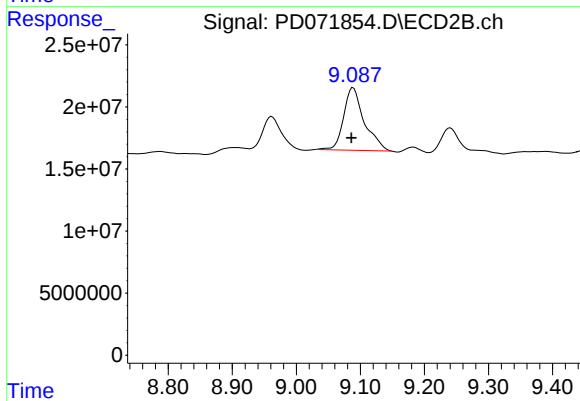
#27 Chlordane-5

R.T.: 6.900 min
Delta R.T.: -0.010 min
Response: 4353452
Conc: 8.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.994 min
Delta R.T.: 0.002 min
Response: 22876072
Conc: 9.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: 0.003 min
Response: 113007796
Conc: 12.16 ng/ml