

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071320\
 Data File : PD058590.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jul 2020 11:02
 Operator : AJ\MA
 Sample : PEM21
 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 14 03:45:59 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070220CLP.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 02 16:12:43 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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

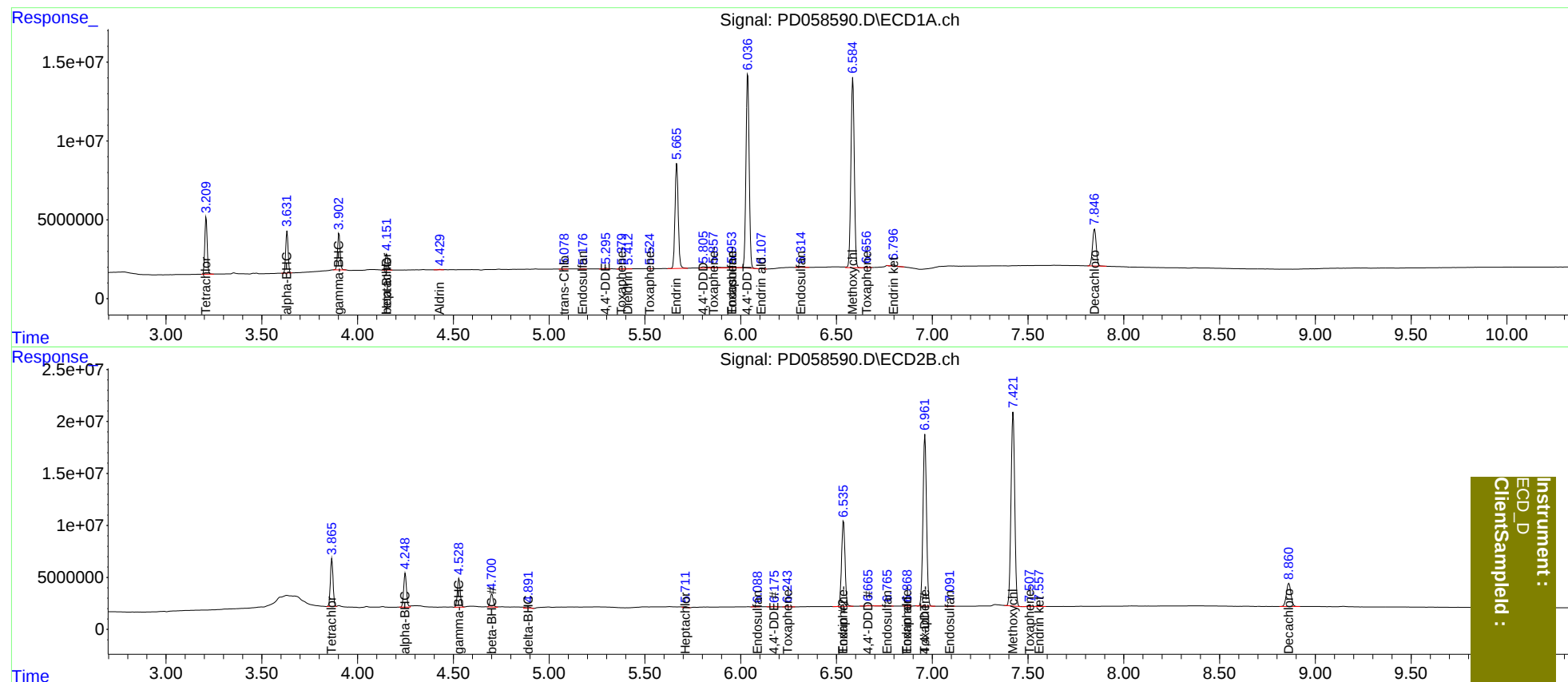
System Monitoring Compounds							
1)	SA Tetrachlo...	3.210	3.866	31700195	44445429	18.860	19.505
27)	SA Decachlor...	7.848	8.862	31839838	37088068	18.010	17.456
Target Compounds							
2)	A alpha-BHC	3.632	4.249	22996042	33157692	9.241	9.796
3)	MA gamma-BHC...	3.903	4.529	21637314	28761993	9.279	9.280
4)	MA Heptachlor	4.153f	5.067f	9571944	-555257	6.047	N.D. #
5)	MB Aldrin	4.430	0.000	250334	0	0.117	N.D. #
6)	B beta-BHC	4.153	4.701	9571944	13594754	10.100	9.833
7)	B delta-BHC	4.343	4.890	190808	2766870	<MDL	1.249 #
8)	B Heptachlo...	4.850	5.712	-2732	1251187	N.D.	0.484
9)	A Endosulfan I	5.178	6.089	392406	309317	0.218	0.127 #
10)	B trans-Chl...	5.080	5.979	402977	82638	0.205	<MDL #
11)	B cis-Chlor...	5.108	5.999	151039	109816	<MDL	<MDL #
12)	B 4,4'-DDE	5.296	6.176	930897	676686	0.463	0.264 #
13)	MA Dieldrin	5.414	6.350	292506	190666	0.170	<MDL #
14)	MA Endrin	5.667	6.537	78303440	104.3E6	53.008	45.671
15)	B Endosulfa...	5.954	6.766	1056111	913711	0.652	0.405 #
16)	A 4,4'-DDD	5.806	6.667	2014783	783291	1.667	0.360 #
17)	MA 4,4'-DDT	6.037	6.962	142.9E6	211.1E6	100.708	93.642
18)	B Endrin al...	6.108	6.870	373416	734094	0.306	0.385 #
19)	B Endosulfa...	6.316	7.093	328136	440669	0.216	0.195
20)	A Methoxychlor	6.586	7.423	147.8E6	252.3E6	270.947	215.681
21)	B Endrin ke...	6.797	7.558	1281747	1906307	0.795	0.795
22)	Toxaphene-1	5.380	6.244	152045	805520	16.870	64.700 #
23)	Toxaphene-2	5.526	6.537	48670	104.3E6	4.853	6298.226 #
24)	Toxaphene-3	5.859	6.870	1762698	734094	237.508	35.522 #
25)	Toxaphene-4	5.954	6.962	1056111	211.1E6	39.800	3528.781 #
26)	Toxaphene-5	6.657	7.508	539871	1385756	17.841	49.868 #

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

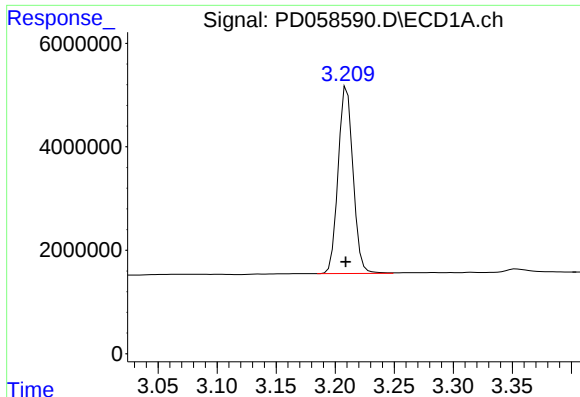
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071320\
Data File : PD058590.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jul 2020 11:02
Operator : AJ\MA
Sample : PEM21
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 03:45:59 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070220CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jul 02 16:12:43 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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



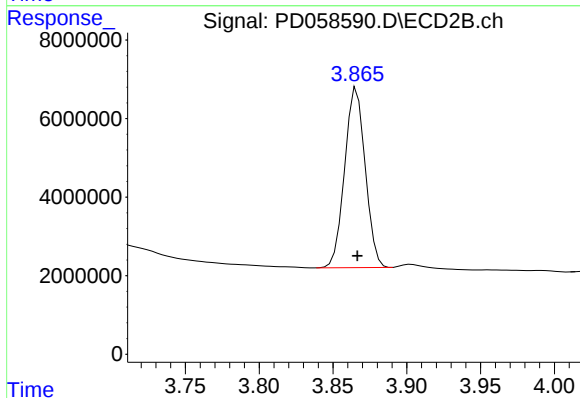
Instrument :
ECD_D
ClientSampled :



#1 Tetrachloro-m-xylene

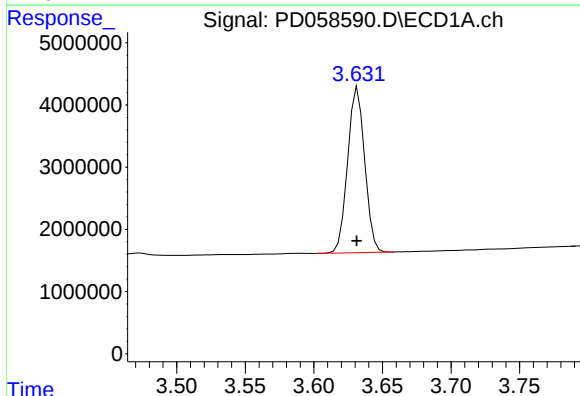
R.T.: 3.210 min
Delta R.T.: 0.001 min
Response: 31700195
Conc: 18.86 ng/ml

Instrument :
ECD_D
ClientSampleId :



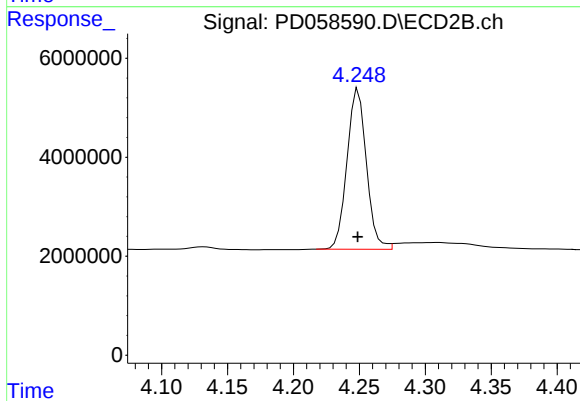
#1 Tetrachloro-m-xylene

R.T.: 3.866 min
Delta R.T.: 0.000 min
Response: 44445429
Conc: 19.50 ng/ml



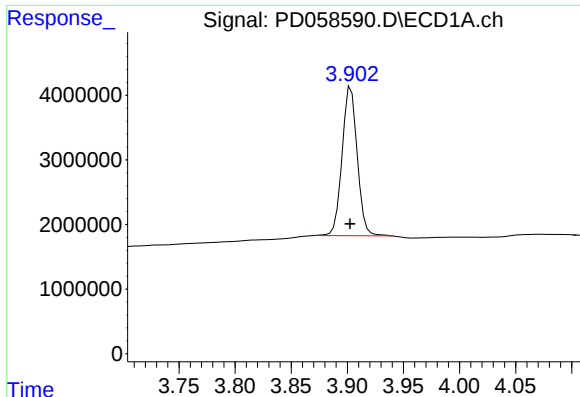
#2 alpha-BHC

R.T.: 3.632 min
Delta R.T.: 0.001 min
Response: 22996042
Conc: 9.24 ng/ml



#2 alpha-BHC

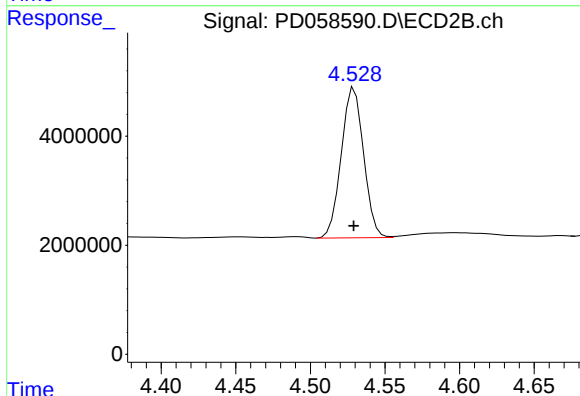
R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 33157692
Conc: 9.80 ng/ml



#3 gamma-BHC (Lindane)

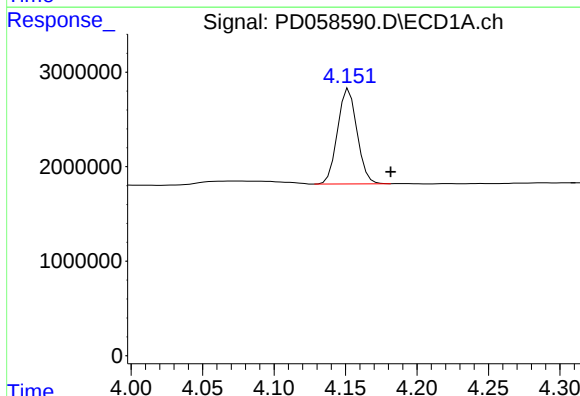
R.T.: 3.903 min
Delta R.T.: 0.000 min
Response: 21637314
Conc: 9.28 ng/ml

Instrument :
ECD_D
ClientSampleId :



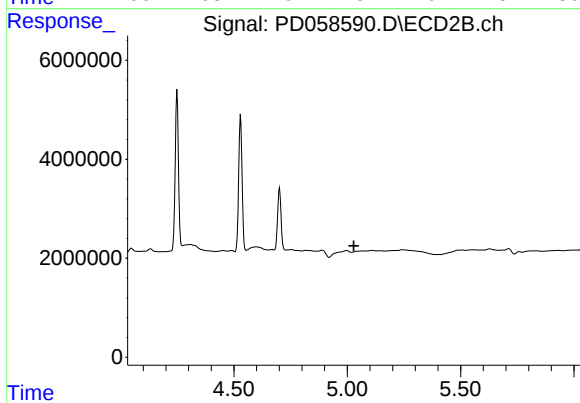
#3 gamma-BHC (Lindane)

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 28761993
Conc: 9.28 ng/ml



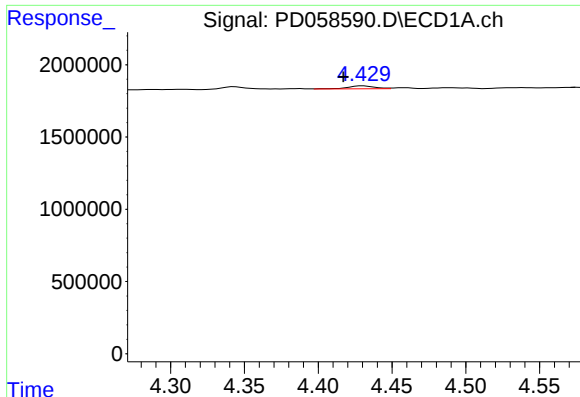
#4 Heptachlor

R.T.: 4.153 min
Delta R.T.: -0.029 min
Response: 9571944
Conc: 6.05 ng/ml



#4 Heptachlor

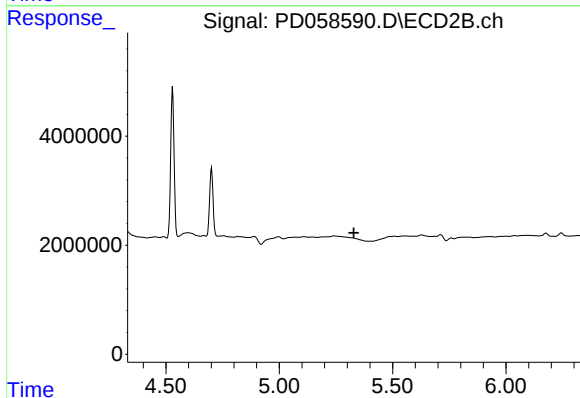
R.T.: 5.067 min
Delta R.T.: 0.038 min
Response: -555257
Conc: N.D.



#5 Aldrin

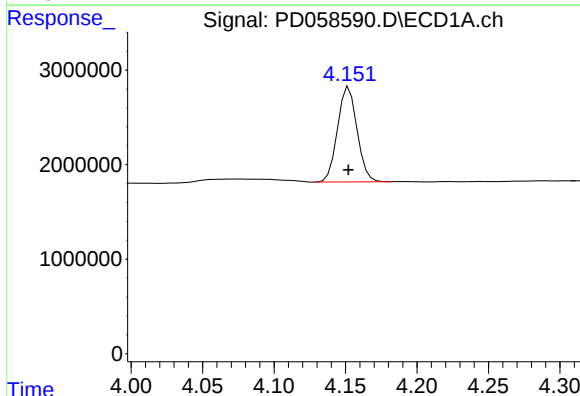
R.T.: 4.430 min
Delta R.T.: 0.013 min
Response: 250334
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



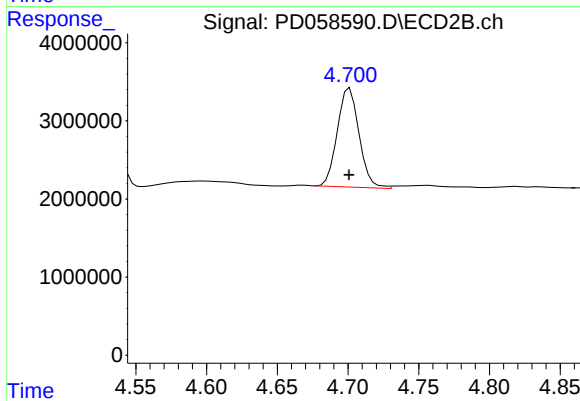
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.329 min
Response: 0
Conc: N.D.



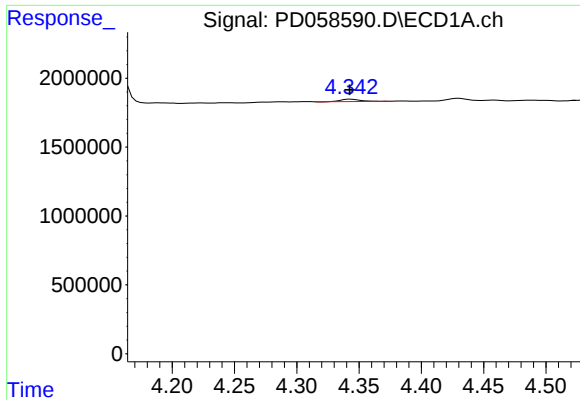
#6 beta-BHC

R.T.: 4.153 min
Delta R.T.: 0.000 min
Response: 9571944
Conc: 10.10 ng/ml



#6 beta-BHC

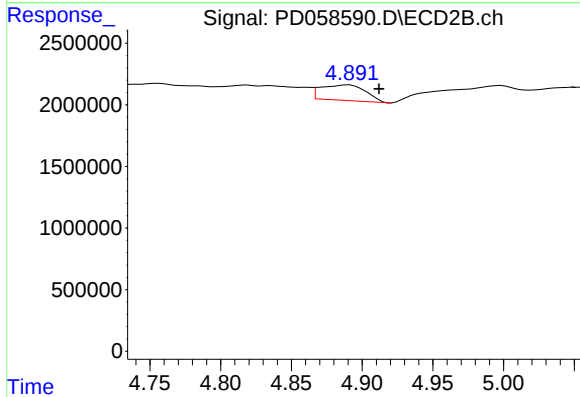
R.T.: 4.701 min
Delta R.T.: 0.000 min
Response: 13594754
Conc: 9.83 ng/ml



#7 delta-BHC

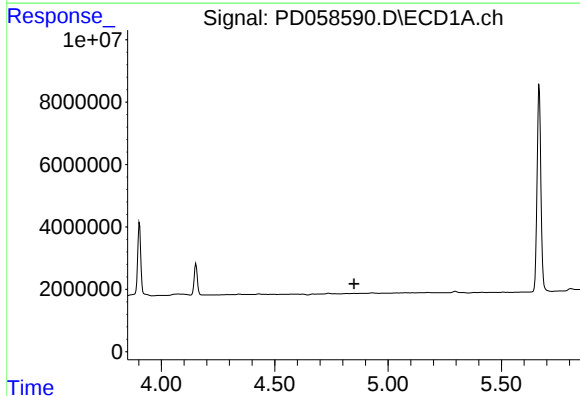
R.T.: 4.343 min
Delta R.T.: 0.000 min
Response: 190808
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



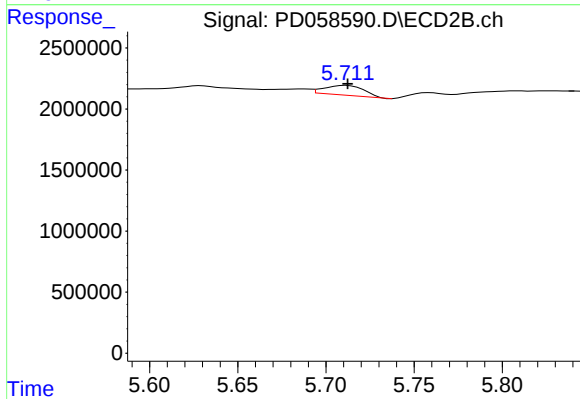
#7 delta-BHC

R.T.: 4.890 min
Delta R.T.: -0.022 min
Response: 2766870
Conc: 1.25 ng/ml



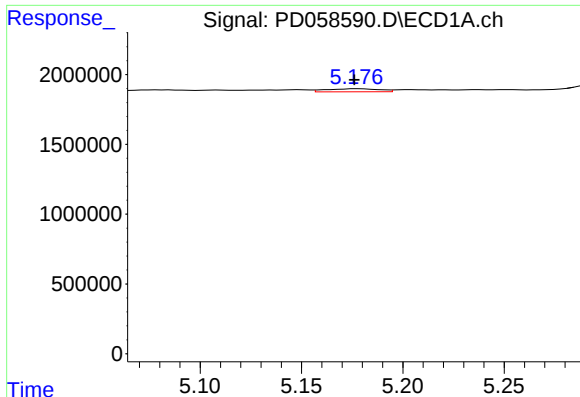
#8 Heptachlor epoxide

R.T.: 4.850 min
Delta R.T.: 0.000 min
Response: -2732
Conc: N.D.



#8 Heptachlor epoxide

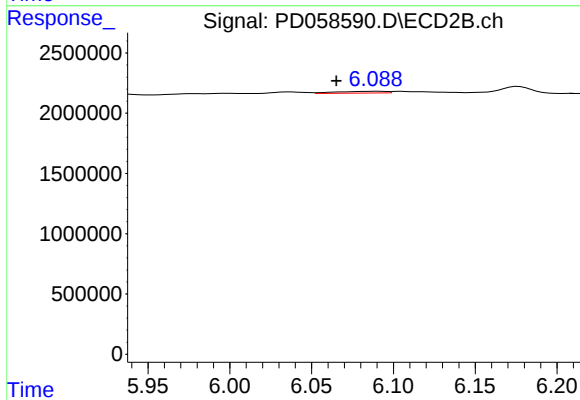
R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 1251187
Conc: 0.48 ng/ml



#9 Endosulfan I

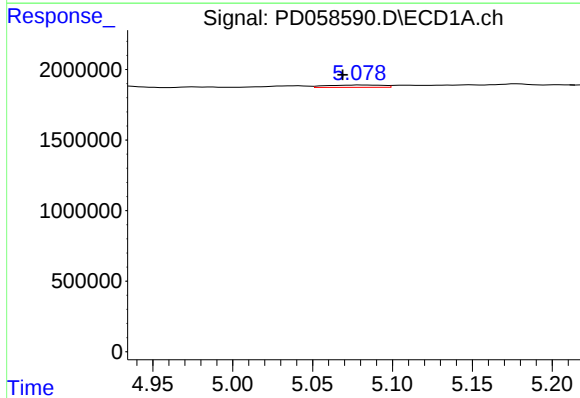
R.T.: 5.178 min
Delta R.T.: 0.001 min
Response: 392406
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :



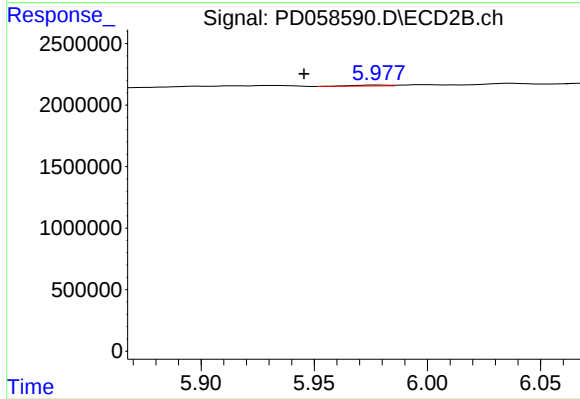
#9 Endosulfan I

R.T.: 6.089 min
Delta R.T.: 0.024 min
Response: 309317
Conc: 0.13 ng/ml



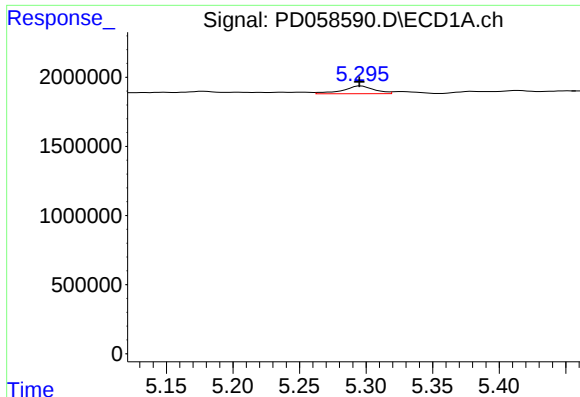
#10 trans-Chlordane

R.T.: 5.080 min
Delta R.T.: 0.011 min
Response: 402977
Conc: 0.20 ng/ml



#10 trans-Chlordane

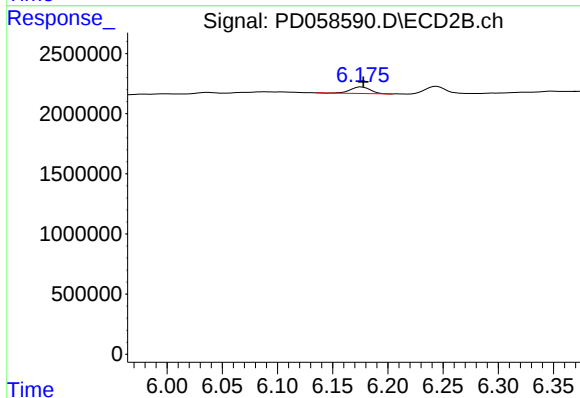
R.T.: 5.979 min
Delta R.T.: 0.033 min
Response: 82638
Conc: N.D.



#12 4,4'-DDE

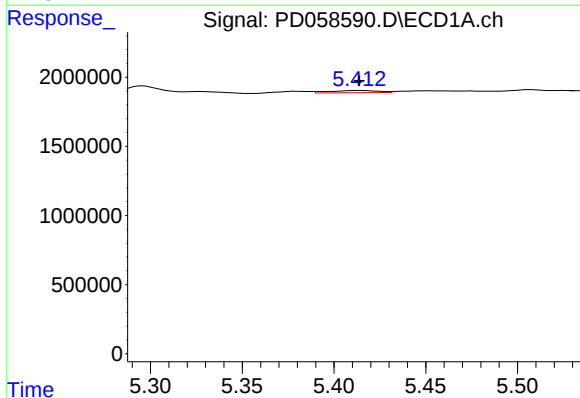
R.T.: 5.296 min
Delta R.T.: 0.001 min
Response: 930897
Conc: 0.46 ng/ml

Instrument :
ECD_D
ClientSampleId :



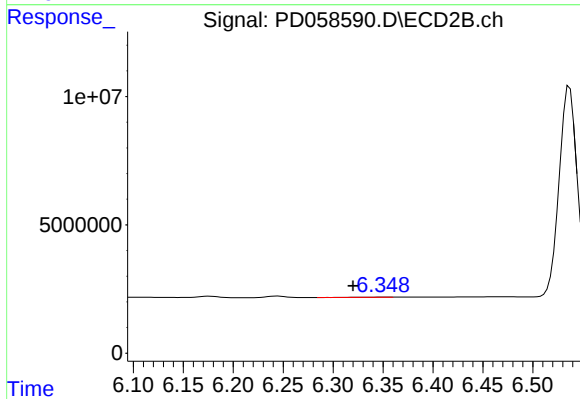
#12 4,4'-DDE

R.T.: 6.176 min
Delta R.T.: -0.001 min
Response: 676686
Conc: 0.26 ng/ml



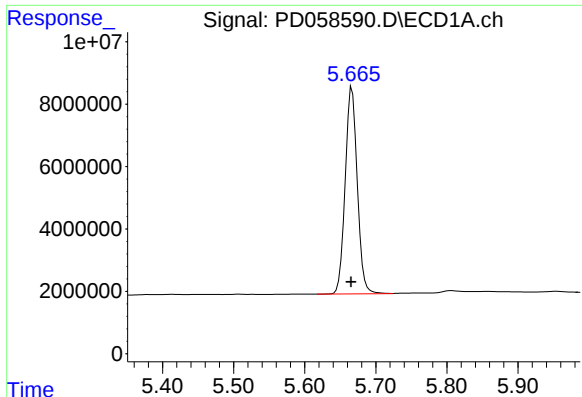
#13 Dieldrin

R.T.: 5.414 min
Delta R.T.: 0.000 min
Response: 292506
Conc: 0.17 ng/ml



#13 Dieldrin

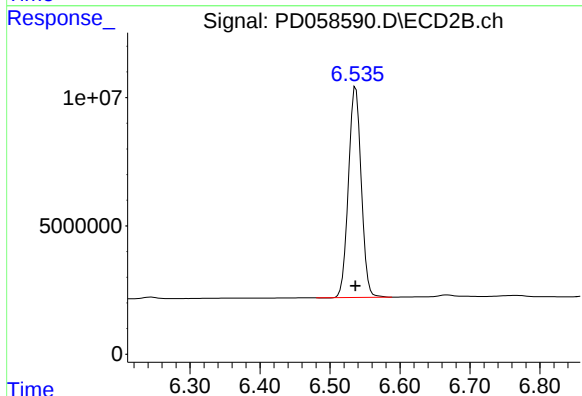
R.T.: 6.350 min
Delta R.T.: 0.030 min
Response: 190666
Conc: N.D.



#14 Endrin

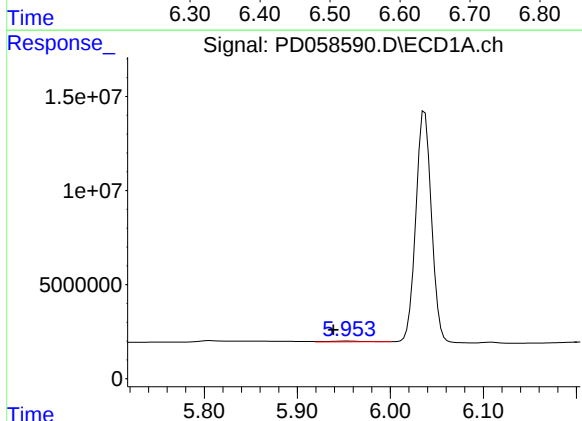
R.T.: 5.667 min
Delta R.T.: 0.001 min
Response: 78303440
Conc: 53.01 ng/ml

Instrument :
ECD_D
ClientSampleId :



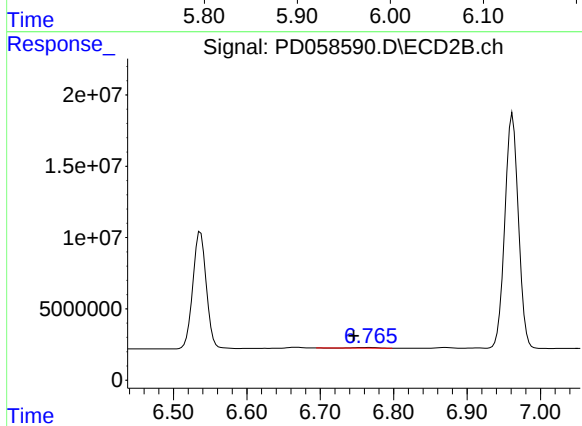
#14 Endrin

R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 104316336
Conc: 45.67 ng/ml



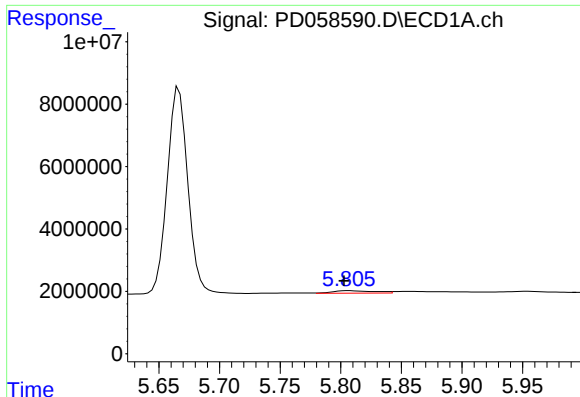
#15 Endosulfan II

R.T.: 5.954 min
Delta R.T.: 0.015 min
Response: 1056111
Conc: 0.65 ng/ml



#15 Endosulfan II

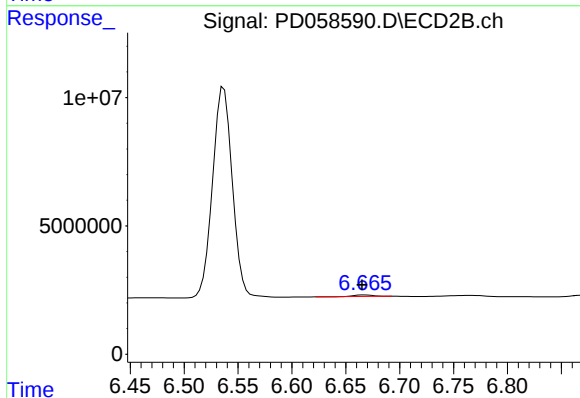
R.T.: 6.766 min
Delta R.T.: 0.020 min
Response: 913711
Conc: 0.40 ng/ml



#16 4,4'-DDD

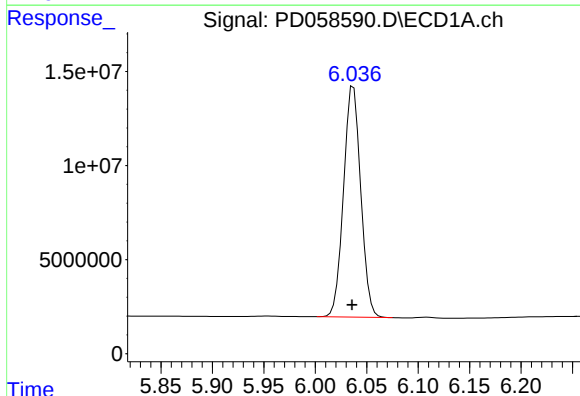
R.T.: 5.806 min
Delta R.T.: 0.004 min
Response: 2014783
Conc: 1.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



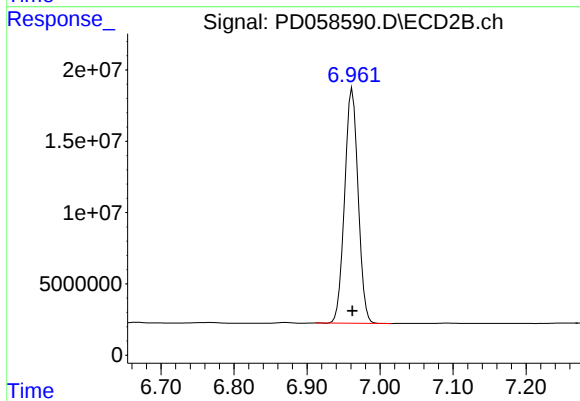
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: 0.002 min
Response: 783291
Conc: 0.36 ng/ml



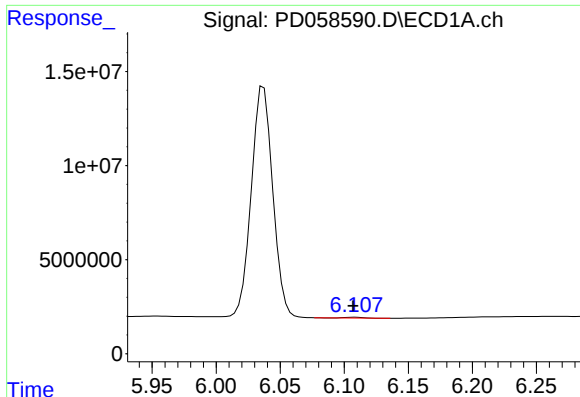
#17 4,4'-DDT

R.T.: 6.037 min
Delta R.T.: 0.001 min
Response: 142931153
Conc: 100.71 ng/ml



#17 4,4'-DDT

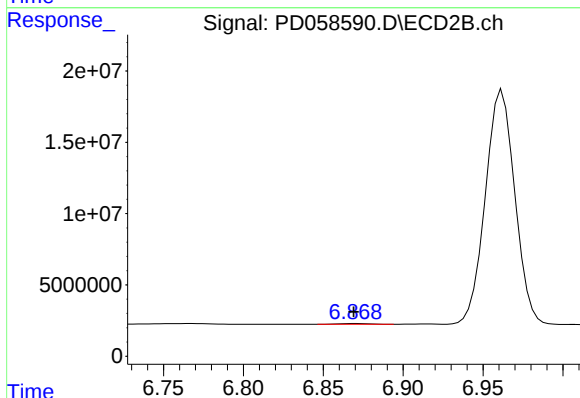
R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 211118715
Conc: 93.64 ng/ml



#18 Endrin aldehyde

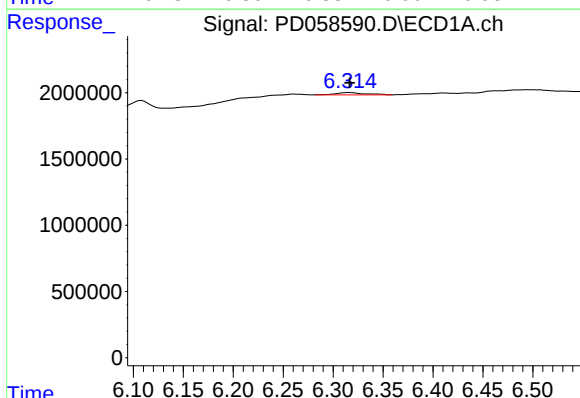
R.T.: 6.108 min
Delta R.T.: 0.002 min
Response: 373416
Conc: 0.31 ng/ml

Instrument :
ECD_D
ClientSampleId :



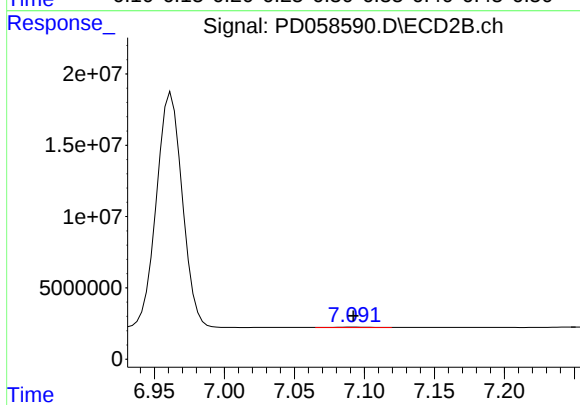
#18 Endrin aldehyde

R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 734094
Conc: 0.39 ng/ml



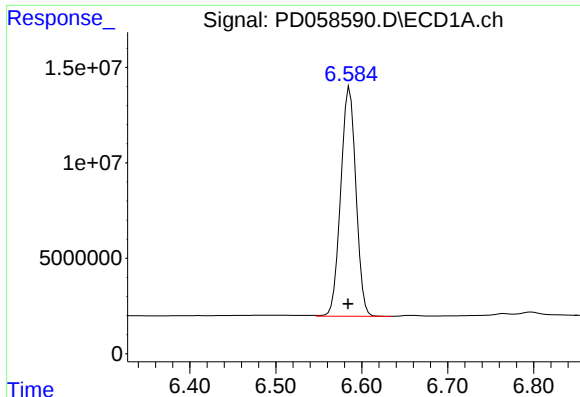
#19 Endosulfan Sulfate

R.T.: 6.316 min
Delta R.T.: 0.000 min
Response: 328136
Conc: 0.22 ng/ml



#19 Endosulfan Sulfate

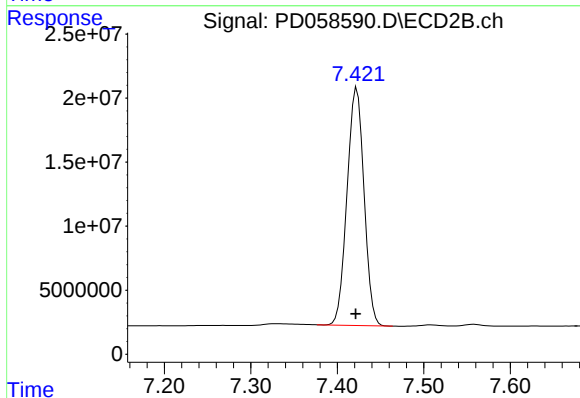
R.T.: 7.093 min
Delta R.T.: 0.000 min
Response: 440669
Conc: 0.20 ng/ml



#20 Methoxychlor

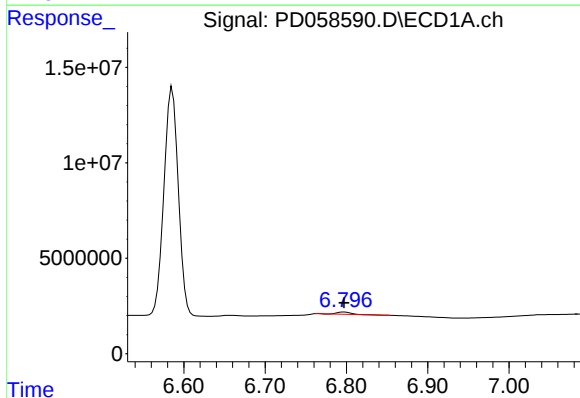
R.T.: 6.586 min
Delta R.T.: 0.002 min
Response: 147773190
Conc: 270.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



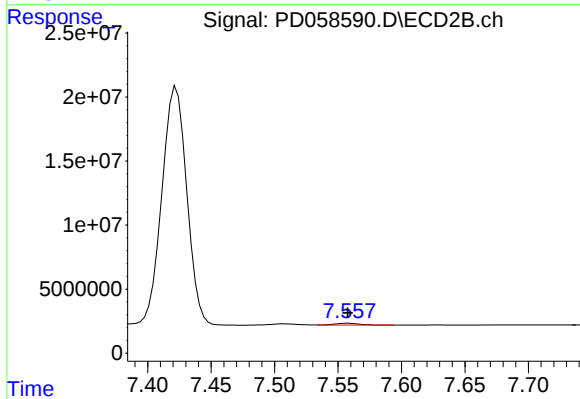
#20 Methoxychlor

R.T.: 7.423 min
Delta R.T.: 0.002 min
Response: 252311593
Conc: 215.68 ng/ml



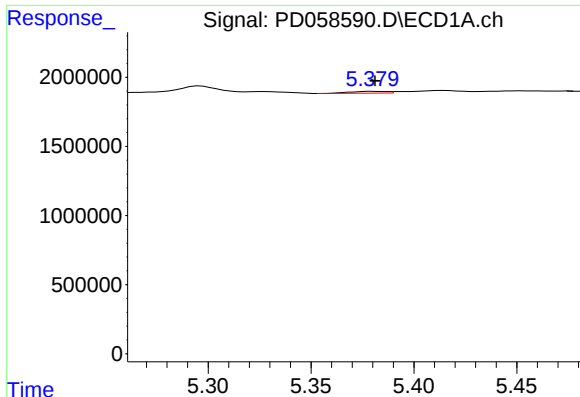
#21 Endrin ketone

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 1281747
Conc: 0.80 ng/ml



#21 Endrin ketone

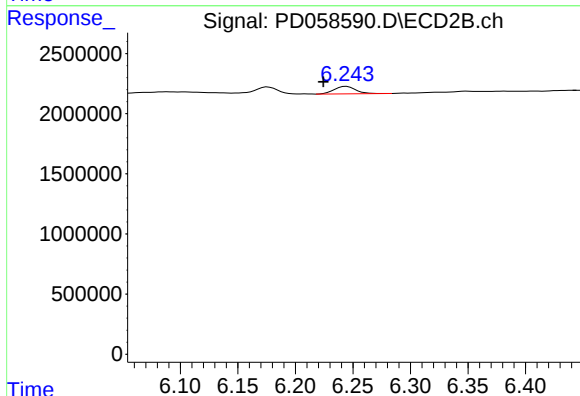
R.T.: 7.558 min
Delta R.T.: 0.000 min
Response: 1906307
Conc: 0.80 ng/ml



#22 Toxaphene-1

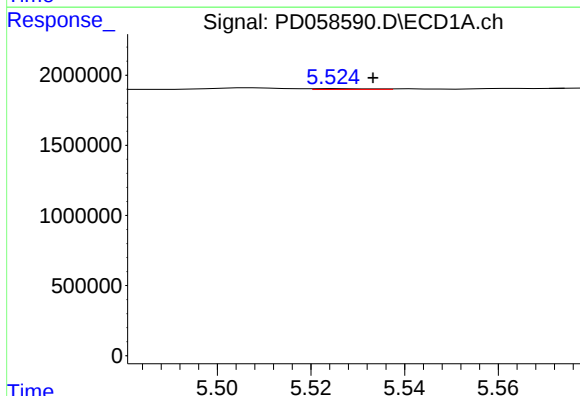
R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 152045
Conc: 16.87 ng/ml

Instrument :
ECD_D
ClientSampleId :



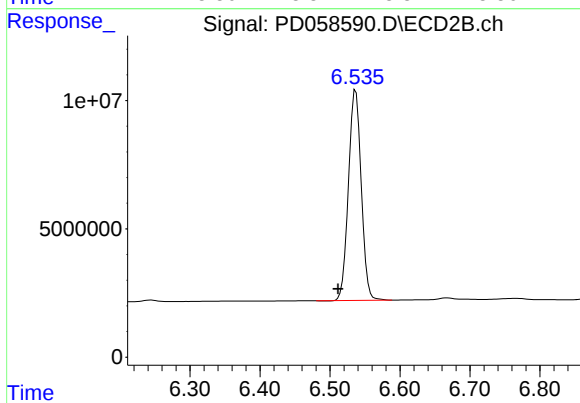
#22 Toxaphene-1

R.T.: 6.244 min
Delta R.T.: 0.020 min
Response: 805520
Conc: 64.70 ng/ml



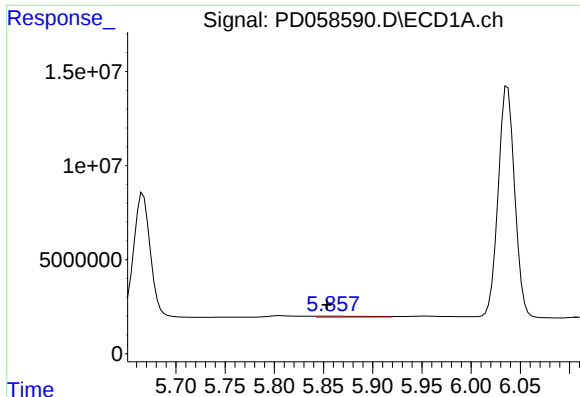
#23 Toxaphene-2

R.T.: 5.526 min
Delta R.T.: -0.008 min
Response: 48670
Conc: 4.85 ng/ml



#23 Toxaphene-2

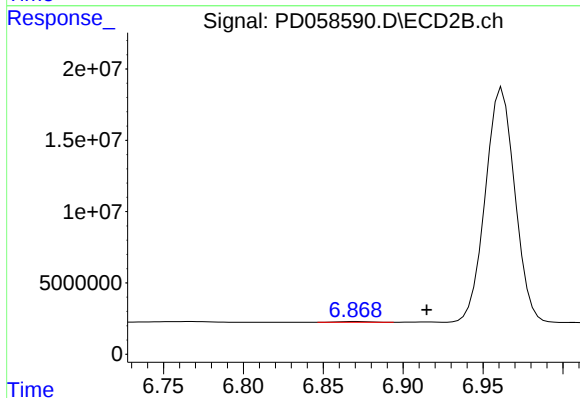
R.T.: 6.537 min
Delta R.T.: 0.025 min
Response: 104316336
Conc: 6298.23 ng/ml



#24 Toxaphene-3

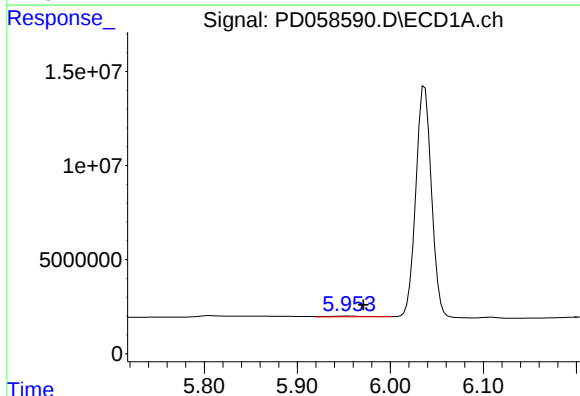
R.T.: 5.859 min
Delta R.T.: 0.005 min
Response: 1762698
Conc: 237.51 ng/ml

Instrument :
ECD_D
ClientSampleId :



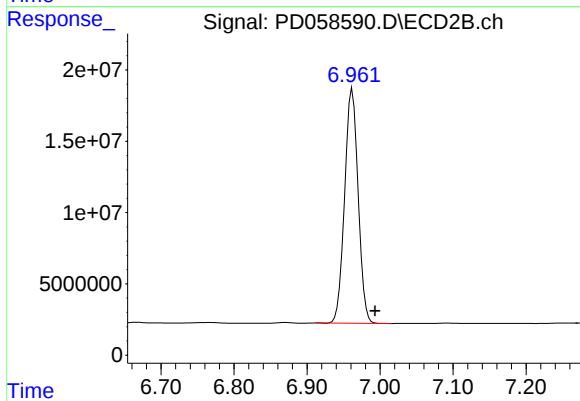
#24 Toxaphene-3

R.T.: 6.870 min
Delta R.T.: -0.045 min
Response: 734094
Conc: 35.52 ng/ml



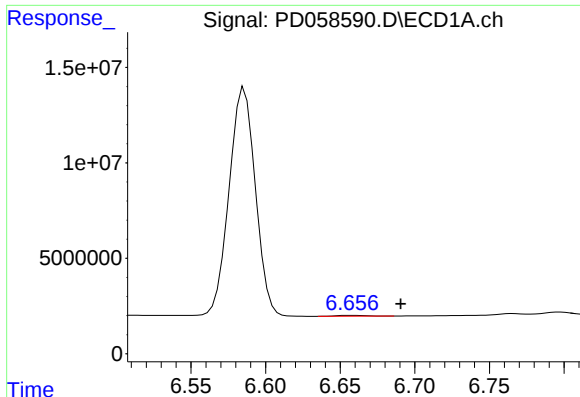
#25 Toxaphene-4

R.T.: 5.954 min
Delta R.T.: -0.017 min
Response: 1056111
Conc: 39.80 ng/ml



#25 Toxaphene-4

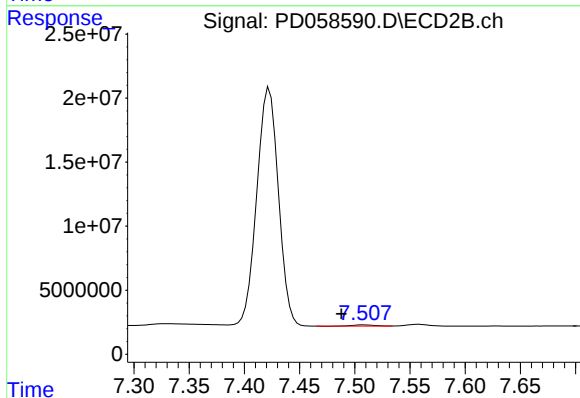
R.T.: 6.962 min
Delta R.T.: -0.031 min
Response: 211118715
Conc: 3528.78 ng/ml



#26 Toxaphene-5

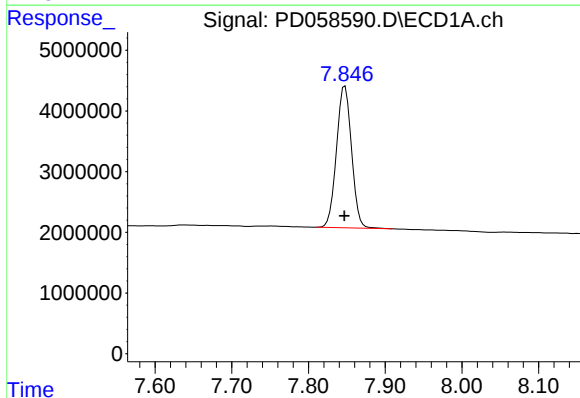
R.T.: 6.657 min
Delta R.T.: -0.033 min
Response: 539871
Conc: 17.84 ng/ml

Instrument :
ECD_D
ClientSampleId :



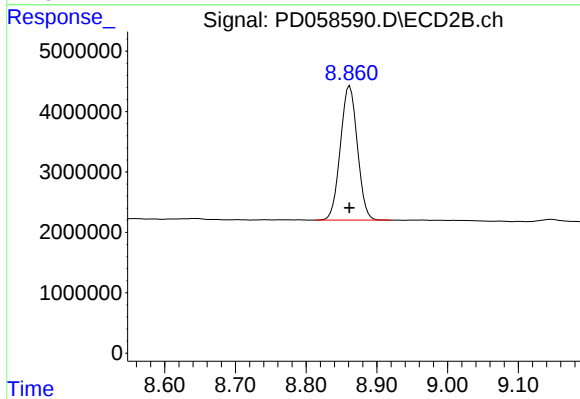
#26 Toxaphene-5

R.T.: 7.508 min
Delta R.T.: 0.021 min
Response: 1385756
Conc: 49.87 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.848 min
Delta R.T.: 0.000 min
Response: 31839838
Conc: 18.01 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.862 min
Delta R.T.: 0.000 min
Response: 37088068
Conc: 17.46 ng/ml