

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082823\
 Data File : PL085004.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Aug 2023 09:08
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 22:03:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 2023
 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 x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.477	2.685	47283225	21574892	20.350	19.841
28)	SA Decachlor...	9.029	7.865	32019827	23394809	19.679	18.764
Target Compounds							
2)	A alpha-BHC	3.935	3.189	32620601	14377392	9.881	9.311
3)	MA gamma-BHC...	4.269	3.520	31879606	13623645	9.994	8.966
4)	MA Heptachlor	4.854	0.000	699997	0	0.208	N.D. #
5)	MB Aldrin	0.000	4.153	0	50766	N.D.	0.035 #
6)	B beta-BHC	4.469	3.822	16158267	6953223	11.567	10.378
7)	B delta-BHC	0.000	4.052	0	37515	N.D.	0.025 #
8)	B Heptachlo...	5.633	4.646	2181118	16186	0.724	0.012 #
9)	A Endosulfan I	6.041f	5.030	442497	37023	0.168	0.030 #
10)	B gamma-Chl...	5.868f	4.914	244007	196354	0.085	0.145 #
11)	B alpha-Chl...	0.000	4.975	0	15533	N.D.	0.011 #
12)	B 4,4'-DDE	6.151	5.164	609954	201170	0.266	0.163 #
13)	MA Dieldrin	0.000	5.280	0	50322	N.D.	0.037 #
14)	MA Endrin	6.527	5.560	94660026	56282738	43.402	46.012
15)	B Endosulfa...	6.730	5.839f	43239	64331	0.020	0.053 #
16)	A 4,4'-DDD	6.670	5.720	2543488	1456619	1.517	1.410
17)	MA 4,4'-DDT	6.986	5.972	177.1E6	113.9E6	94.505	98.163
18)	B Endrin al...	6.879	6.040	2452241	1644431	1.454	1.658
19)	B Endosulfa...	0.000	6.263	0	118436	N.D.	0.100 #
20)	A Methoxychlor	7.467	6.557	214.2E6	140.5E6	223.171	204.712
21)	B Endrin ke...	7.599	6.768	4330593	3992066	2.165	2.767 #
22)	Mirex	0.000	6.981f	0	40266	N.D.	0.035 #
24)	Chlordane-2	0.000	4.282	0	10047	N.D.	0.201 #
25)	Chlordane-3	5.868f	4.914	244007	196354	0.605	1.417 #
26)	Chlordane-4	0.000	4.975	0	15533	N.D.	0.108 #
27)	Chlordane-5	0.000	5.887f	0	564813	N.D.	11.090 #

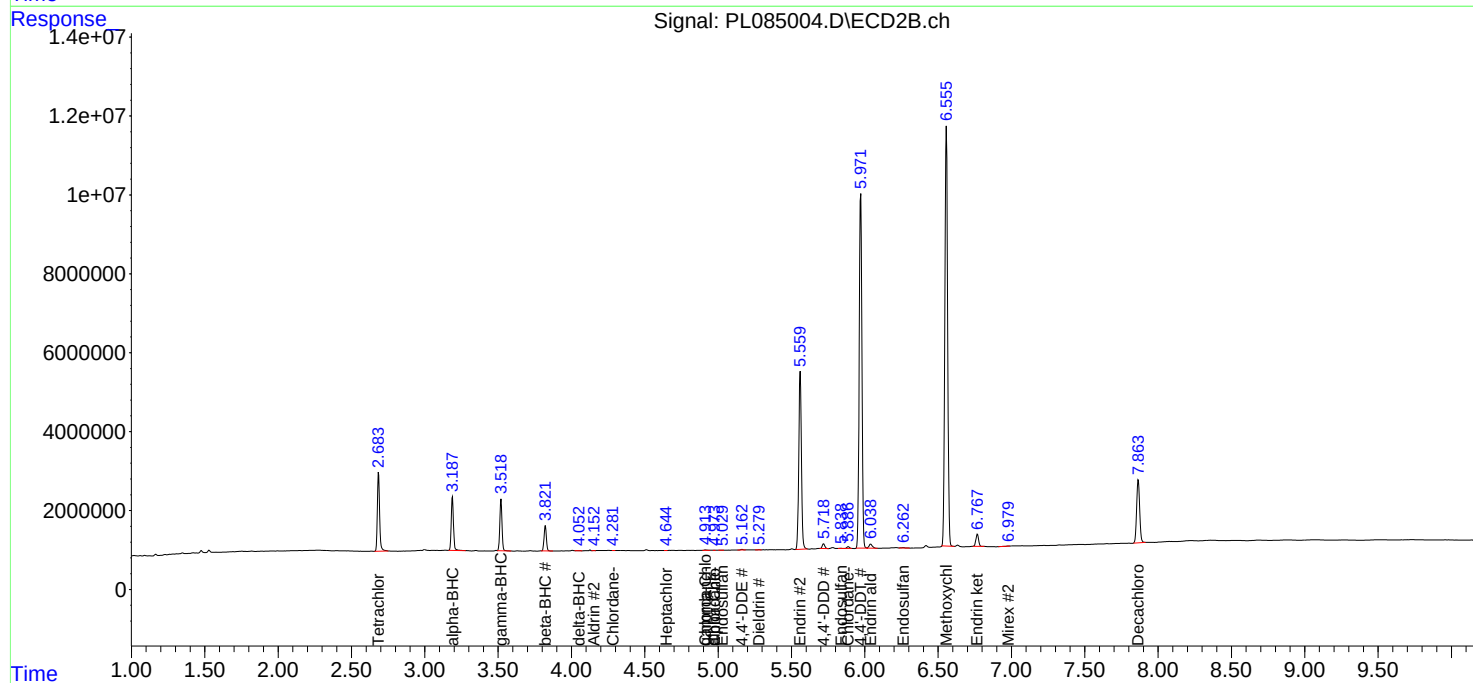
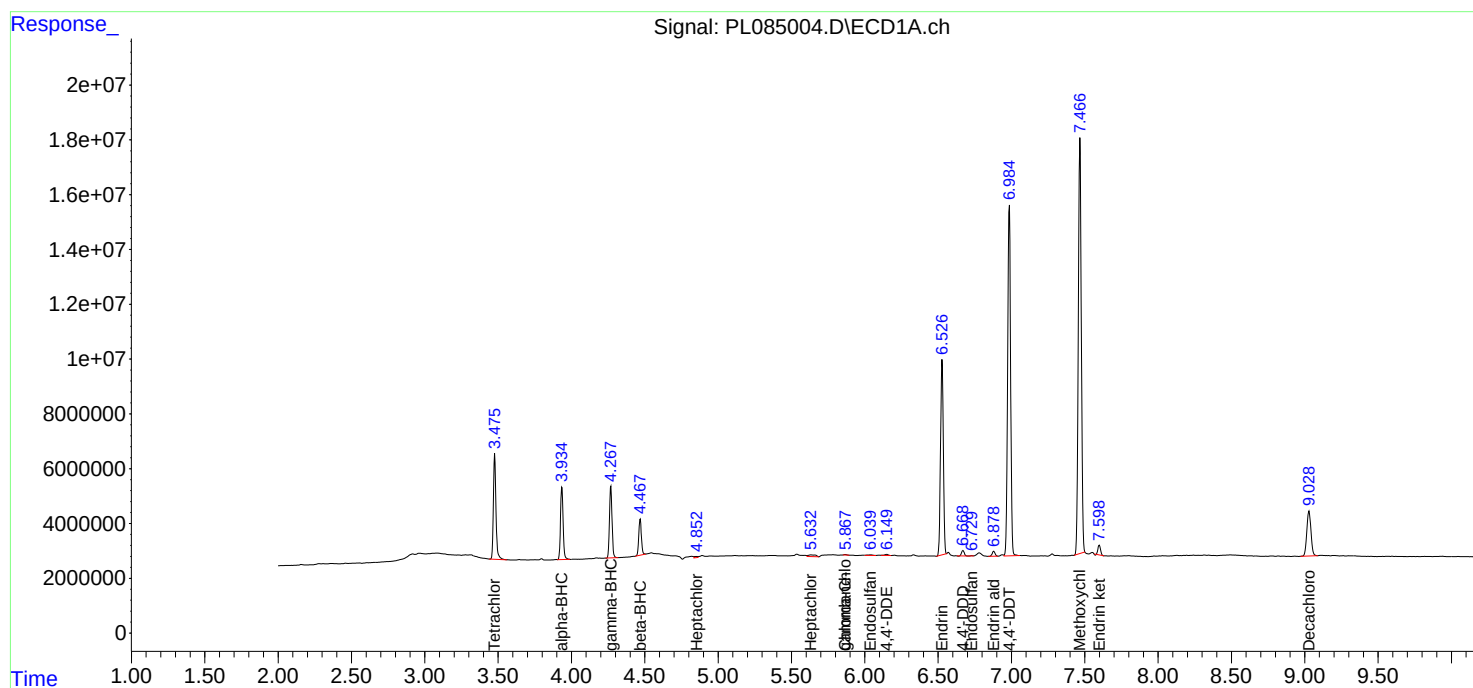
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

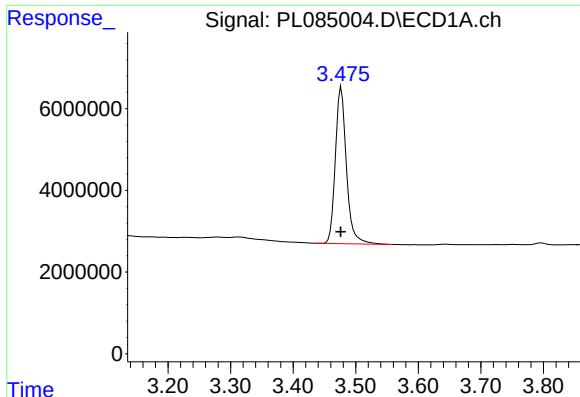
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082823\
Data File : PL085004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Aug 2023 09:08
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 28 22:03:04 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 16:21:43 2023
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 x0.5µm

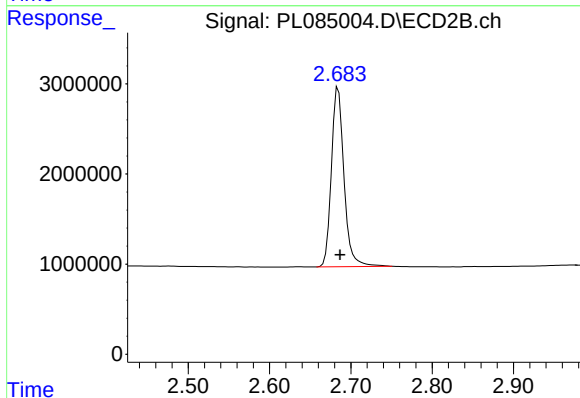




#1 Tetrachloro-m-xylene

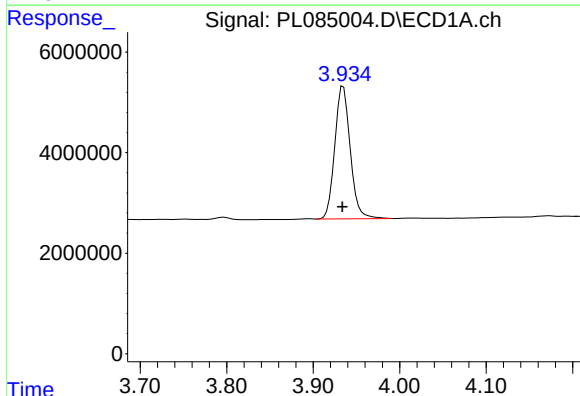
R.T.: 3.477 min
Delta R.T.: 0.000 min
Response: 47283225
Conc: 20.35 ng/ml

Instrument :
ECD_L
ClientSampleId :



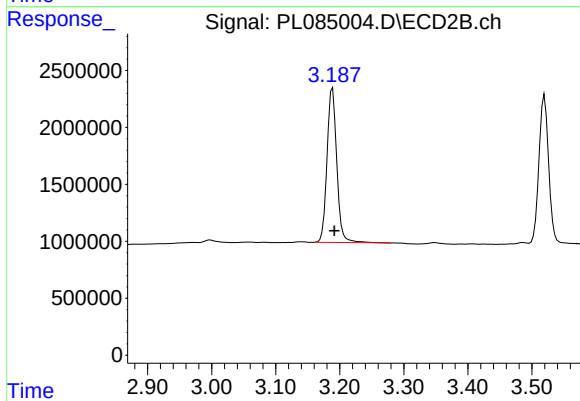
#1 Tetrachloro-m-xylene

R.T.: 2.685 min
Delta R.T.: -0.002 min
Response: 21574892
Conc: 19.84 ng/ml



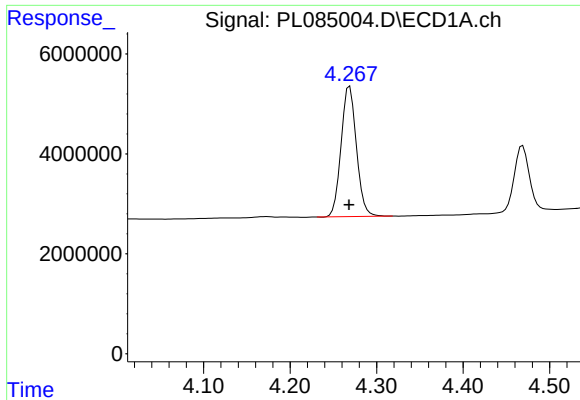
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.001 min
Response: 32620601
Conc: 9.88 ng/ml



#2 alpha-BHC

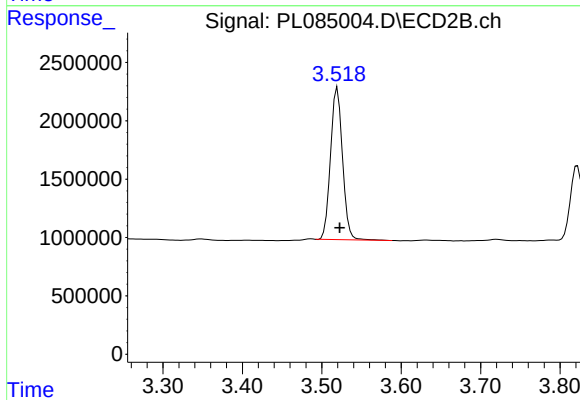
R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 14377392
Conc: 9.31 ng/ml



#3 gamma-BHC (Lindane)

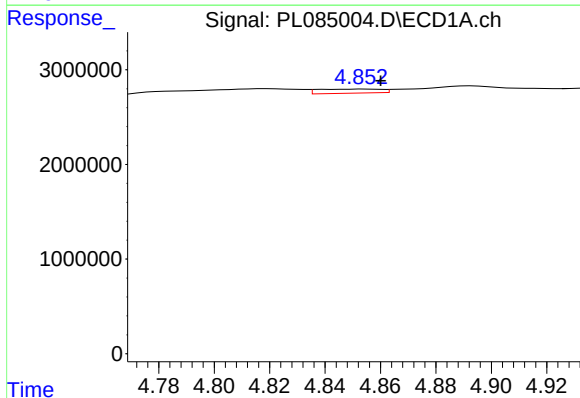
R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 31879606
Conc: 9.99 ng/ml

Instrument :
ECD_L
ClientSampleId :



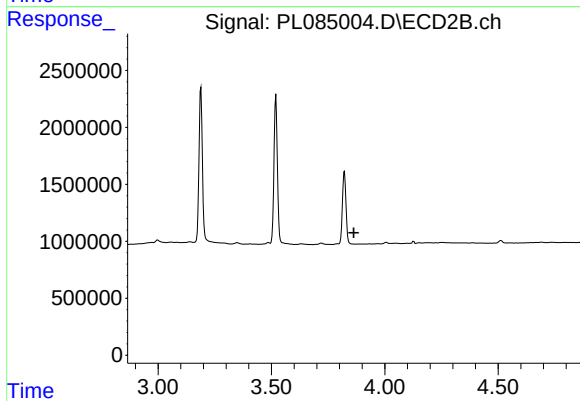
#3 gamma-BHC (Lindane)

R.T.: 3.520 min
Delta R.T.: -0.003 min
Response: 13623645
Conc: 8.97 ng/ml



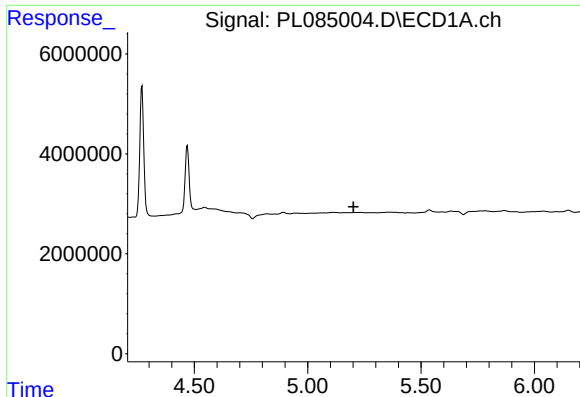
#4 Heptachlor

R.T.: 4.854 min
Delta R.T.: -0.006 min
Response: 699997
Conc: 0.21 ng/ml



#4 Heptachlor

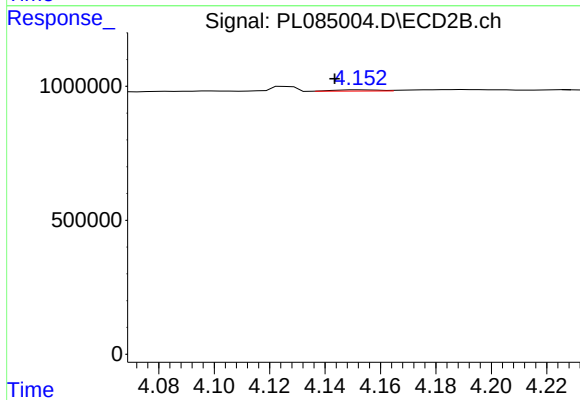
R.T.: 0.000 min
Exp R.T. : 3.863 min
Response: 0
Conc: N.D.



#5 Aldrin

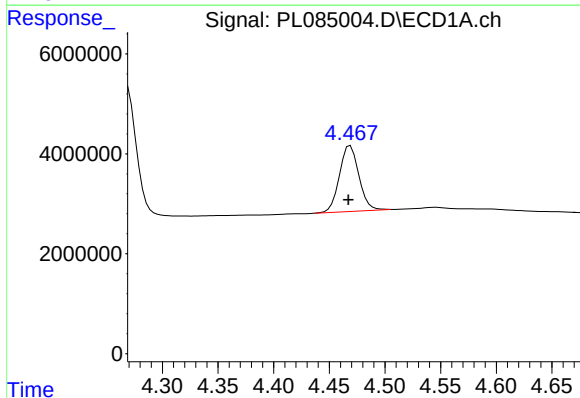
R.T.: 0.000 min
Exp R.T.: 5.203 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



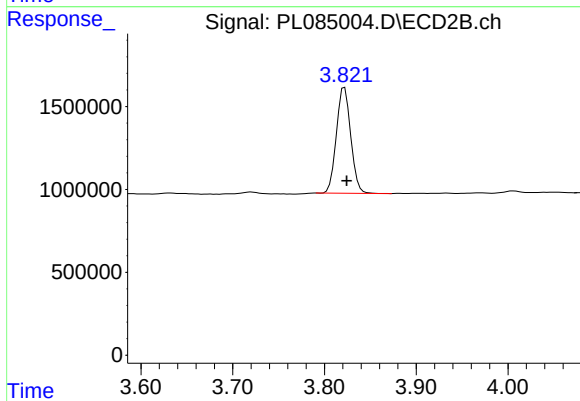
#5 Aldrin

R.T.: 4.153 min
Delta R.T.: 0.010 min
Response: 50766
Conc: 0.03 ng/ml



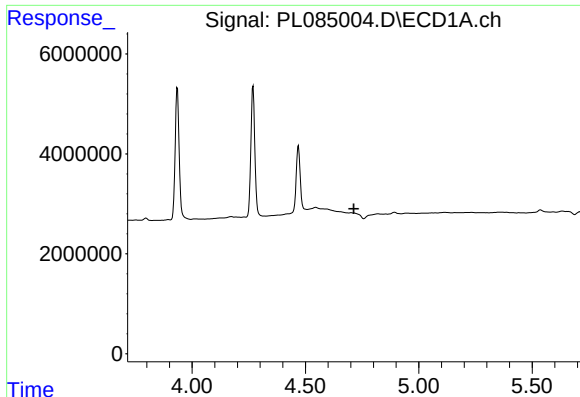
#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: 0.002 min
Response: 16158267
Conc: 11.57 ng/ml



#6 beta-BHC

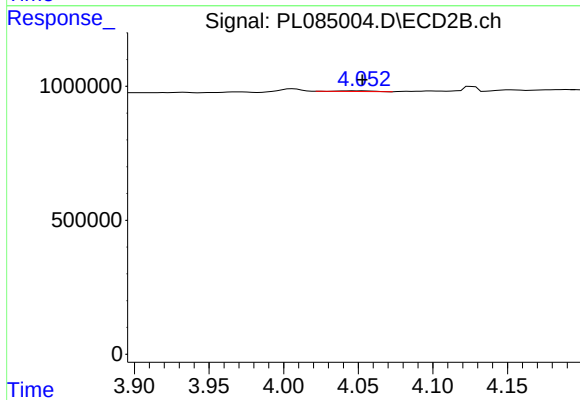
R.T.: 3.822 min
Delta R.T.: -0.002 min
Response: 6953223
Conc: 10.38 ng/ml



#7 delta-BHC

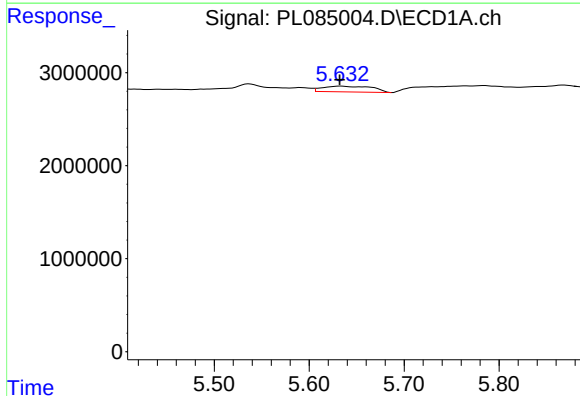
R.T.: 0.000 min
Exp R.T.: 4.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



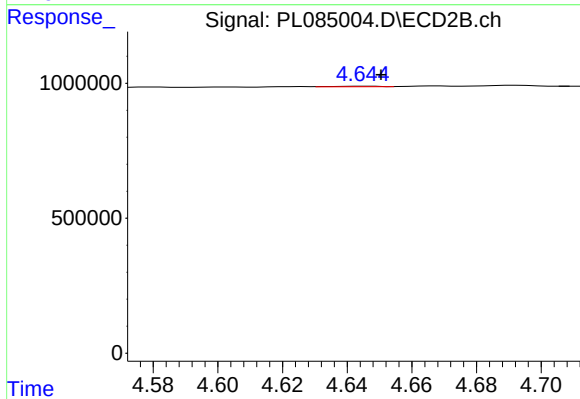
#7 delta-BHC

R.T.: 4.052 min
Delta R.T.: -0.001 min
Response: 37515
Conc: 0.02 ng/ml



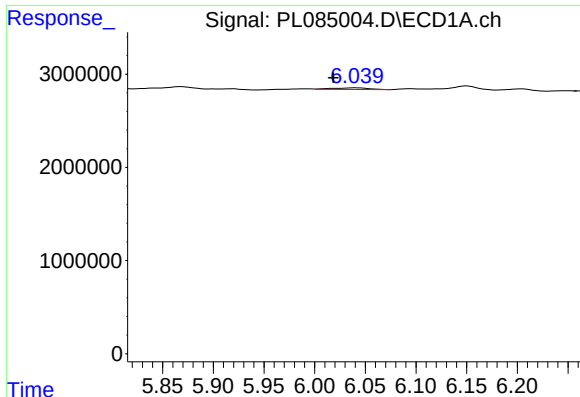
#8 Heptachlor epoxide

R.T.: 5.633 min
Delta R.T.: 0.001 min
Response: 2181118
Conc: 0.72 ng/ml



#8 Heptachlor epoxide

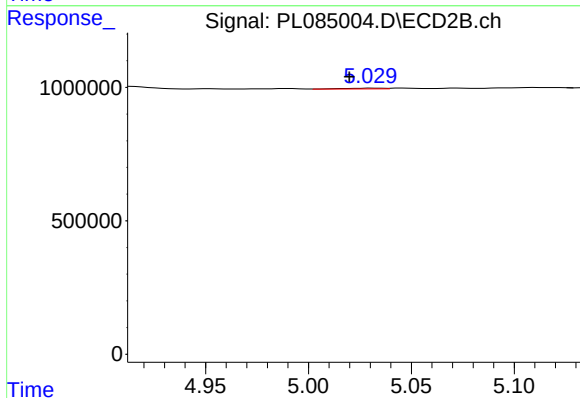
R.T.: 4.646 min
Delta R.T.: -0.005 min
Response: 16186
Conc: 0.01 ng/ml



#9 Endosulfan I

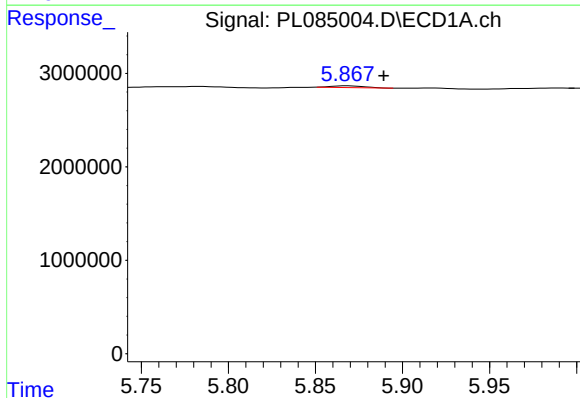
R.T.: 6.041 min
Delta R.T.: 0.022 min
Response: 442497
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :



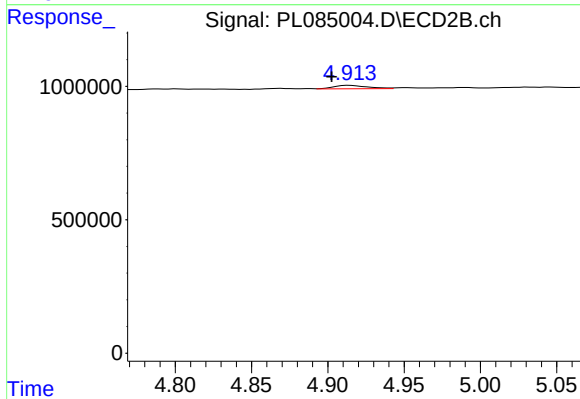
#9 Endosulfan I

R.T.: 5.030 min
Delta R.T.: 0.010 min
Response: 37023
Conc: 0.03 ng/ml



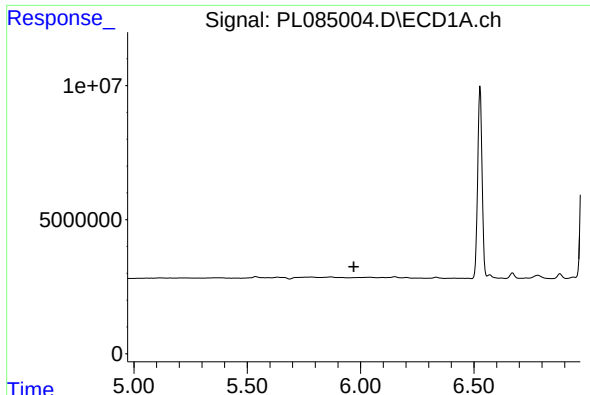
#10 gamma-Chlordane

R.T.: 5.868 min
Delta R.T.: -0.021 min
Response: 244007
Conc: 0.09 ng/ml



#10 gamma-Chlordane

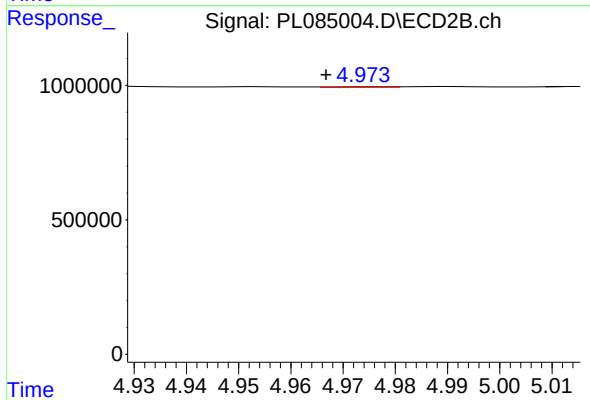
R.T.: 4.914 min
Delta R.T.: 0.012 min
Response: 196354
Conc: 0.14 ng/ml



#11 alpha-Chlordane

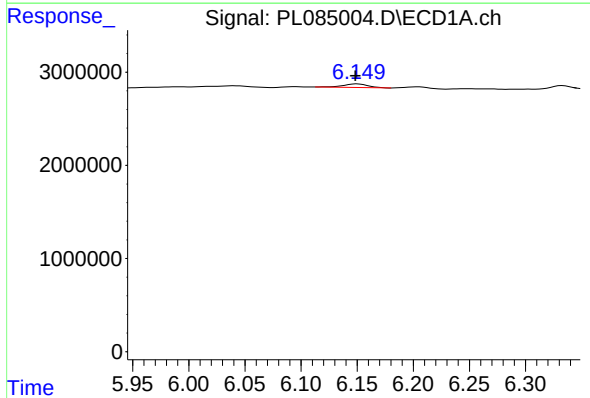
R.T.: 0.000 min
Exp R.T.: 5.970 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



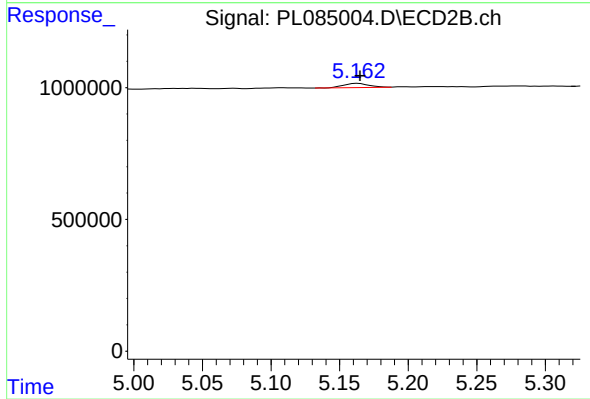
#11 alpha-Chlordane

R.T.: 4.975 min
Delta R.T.: 0.008 min
Response: 15533
Conc: 0.01 ng/ml



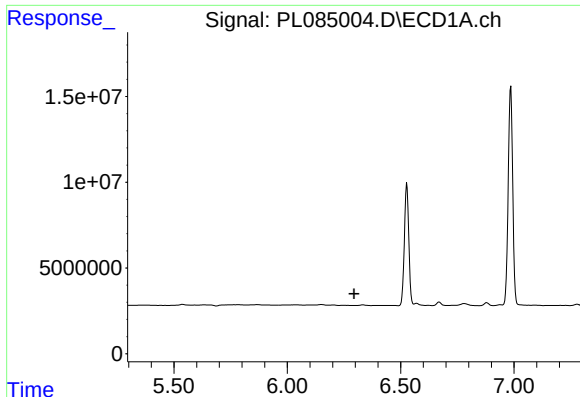
#12 4,4'-DDE

R.T.: 6.151 min
Delta R.T.: 0.002 min
Response: 609954
Conc: 0.27 ng/ml



#12 4,4'-DDE

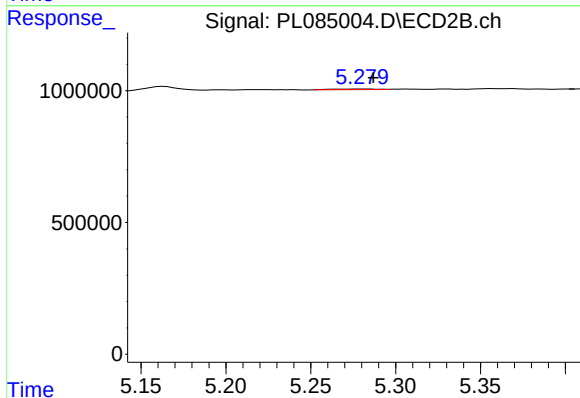
R.T.: 5.164 min
Delta R.T.: -0.001 min
Response: 201170
Conc: 0.16 ng/ml



#13 Dieldrin

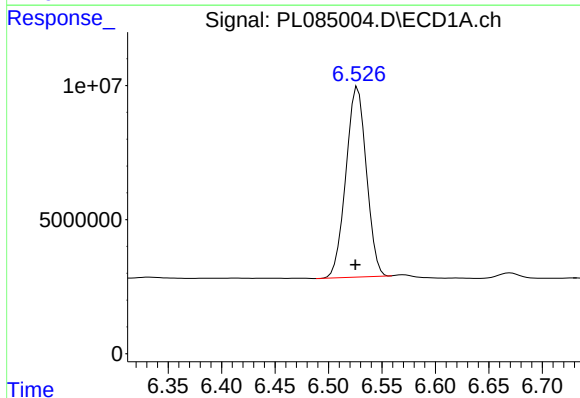
R.T.: 0.000 min
Exp R.T.: 6.295 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



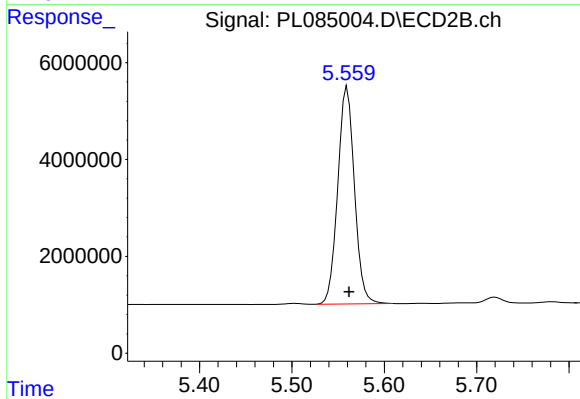
#13 Dieldrin

R.T.: 5.280 min
Delta R.T.: -0.007 min
Response: 50322
Conc: 0.04 ng/ml



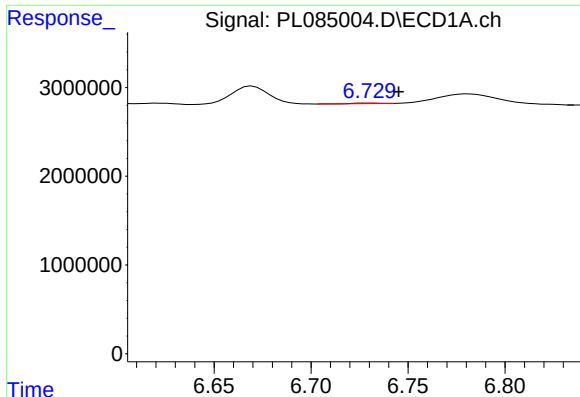
#14 Endrin

R.T.: 6.527 min
Delta R.T.: 0.002 min
Response: 94660026
Conc: 43.40 ng/ml



#14 Endrin

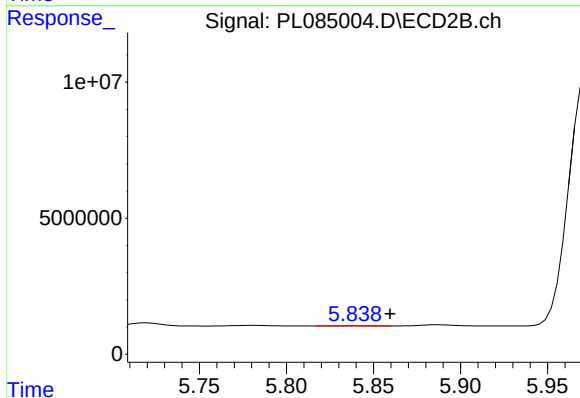
R.T.: 5.560 min
Delta R.T.: -0.002 min
Response: 56282738
Conc: 46.01 ng/ml



#15 Endosulfan II

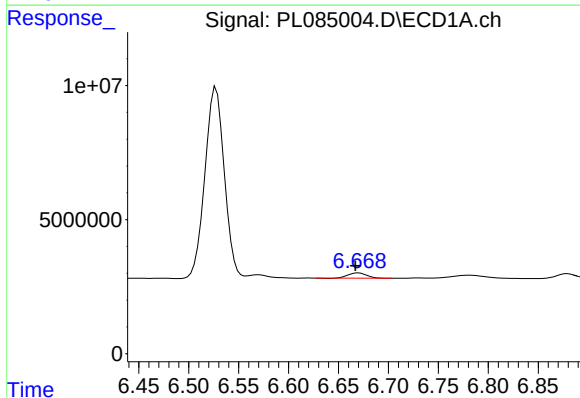
R.T.: 6.730 min
Delta R.T.: -0.015 min
Response: 43239
Conc: 0.02 ng/ml

Instrument :
ECD_L
ClientSampleId :



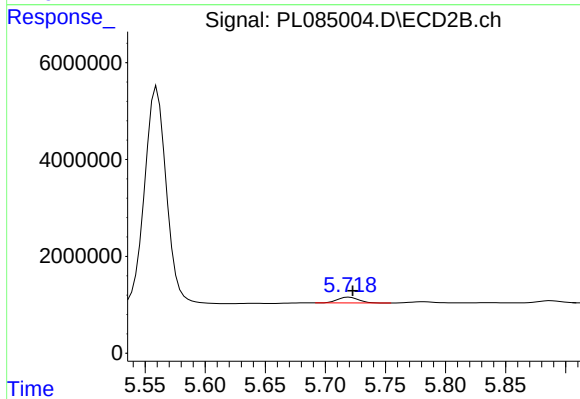
#15 Endosulfan II

R.T.: 5.839 min
Delta R.T.: -0.021 min
Response: 64331
Conc: 0.05 ng/ml



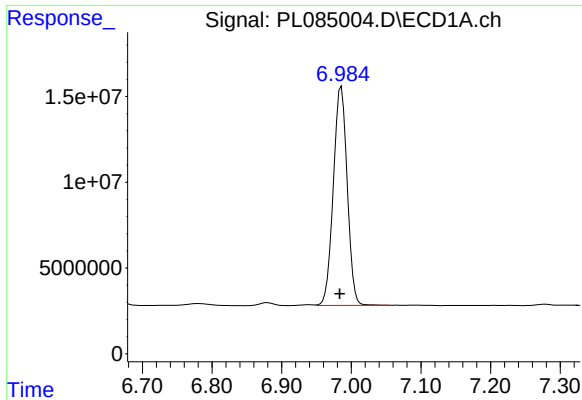
#16 4,4'-DDD

R.T.: 6.670 min
Delta R.T.: 0.003 min
Response: 2543488
Conc: 1.52 ng/ml



#16 4,4'-DDD

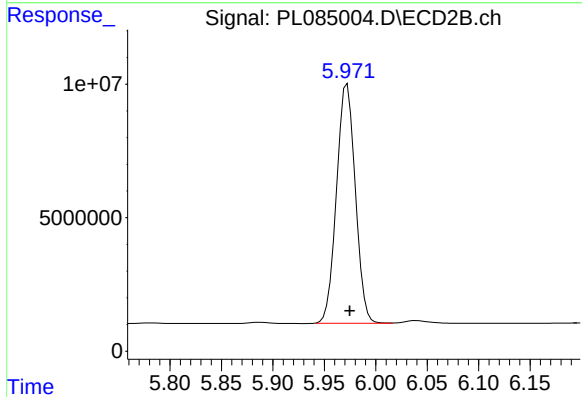
R.T.: 5.720 min
Delta R.T.: -0.003 min
Response: 1456619
Conc: 1.41 ng/ml



#17 4,4'-DDT

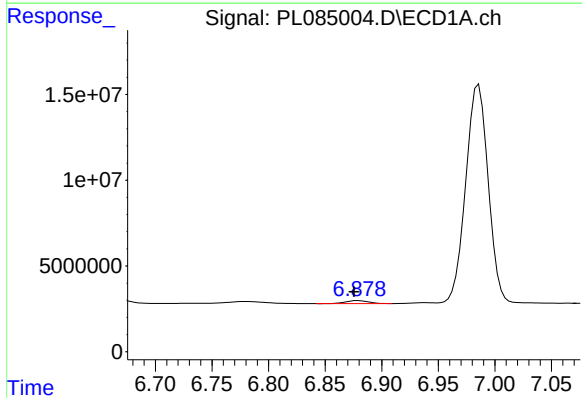
R.T.: 6.986 min
Delta R.T.: 0.002 min
Response: 177075202
Conc: 94.51 ng/ml

Instrument :
ECD_L
ClientSampleId :



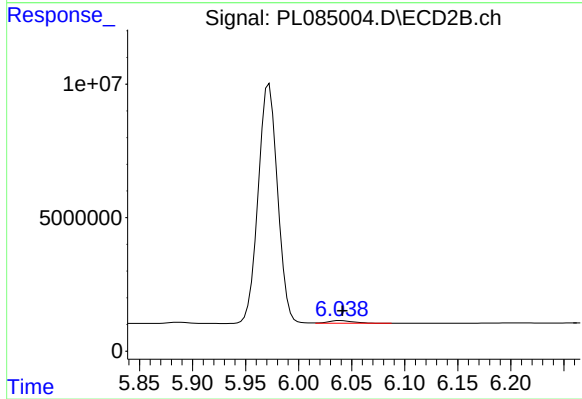
#17 4,4'-DDT

R.T.: 5.972 min
Delta R.T.: -0.003 min
Response: 113923849
Conc: 98.16 ng/ml



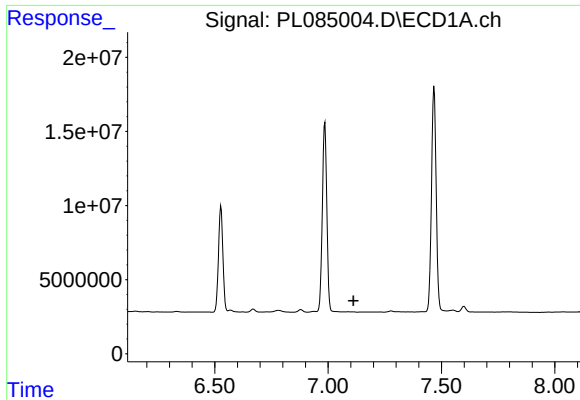
#18 Endrin aldehyde

R.T.: 6.879 min
Delta R.T.: 0.004 min
Response: 2452241
Conc: 1.45 ng/ml



#18 Endrin aldehyde

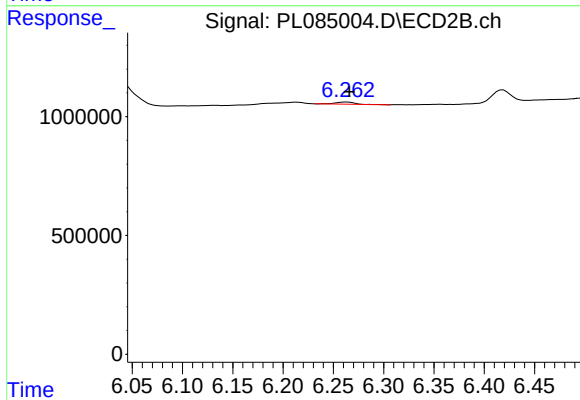
R.T.: 6.040 min
Delta R.T.: -0.002 min
Response: 1644431
Conc: 1.66 ng/ml



#19 Endosulfan Sulfate

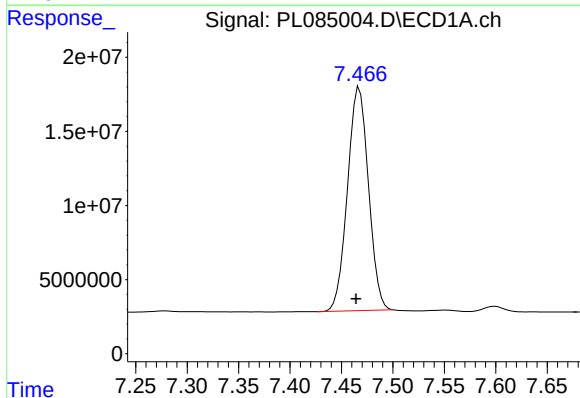
R.T.: 0.000 min
Exp R.T.: 7.112 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



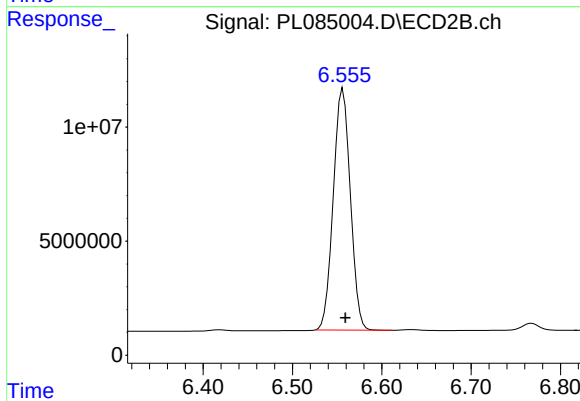
#19 Endosulfan Sulfate

R.T.: 6.263 min
Delta R.T.: -0.003 min
Response: 118436
Conc: 0.10 ng/ml



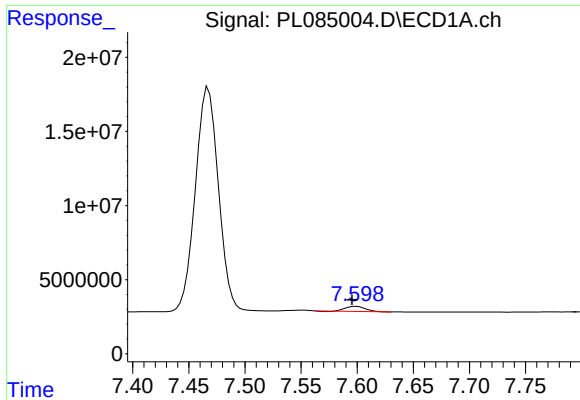
#20 Methoxychlor

R.T.: 7.467 min
Delta R.T.: 0.003 min
Response: 214174366
Conc: 223.17 ng/ml



#20 Methoxychlor

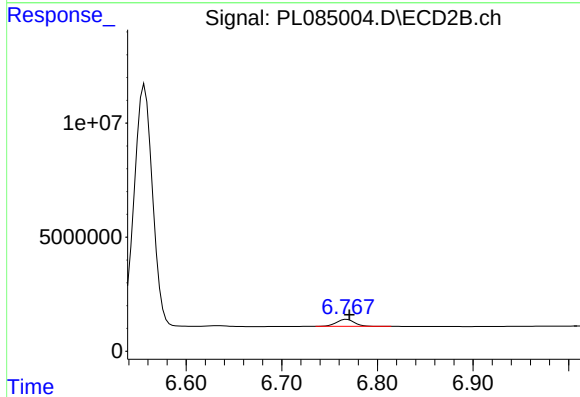
R.T.: 6.557 min
Delta R.T.: -0.003 min
Response: 140452682
Conc: 204.71 ng/ml



#21 Endrin ketone

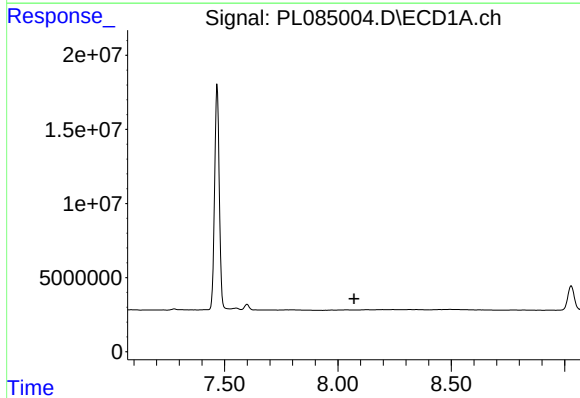
R.T.: 7.599 min
Delta R.T.: 0.004 min
Response: 4330593
Conc: 2.16 ng/ml

Instrument :
ECD_L
ClientSampleId :



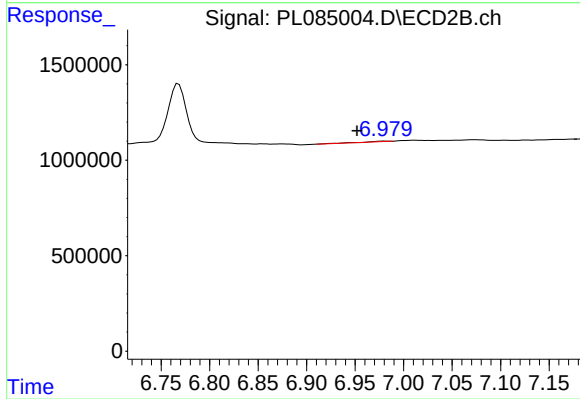
#21 Endrin ketone

R.T.: 6.768 min
Delta R.T.: -0.003 min
Response: 3992066
Conc: 2.77 ng/ml



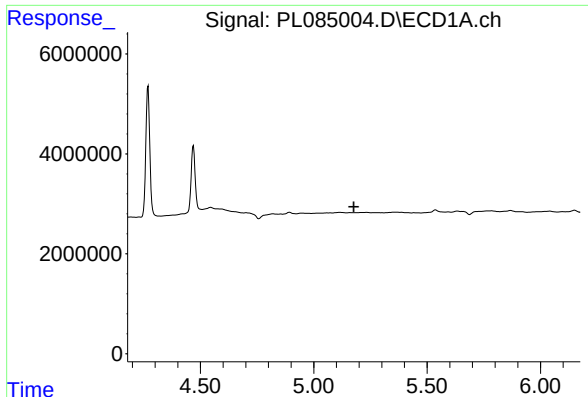
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.071 min
Response: 0
Conc: N.D.



#22 Mirex

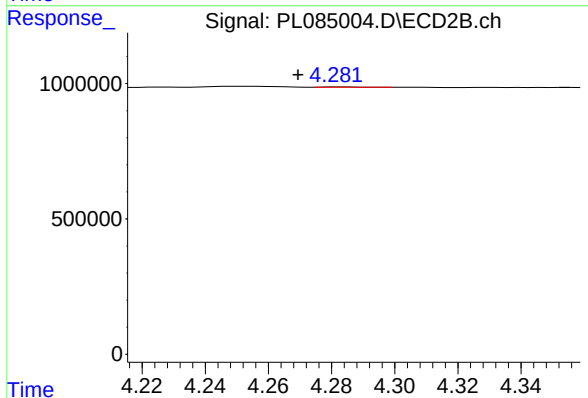
R.T.: 6.981 min
Delta R.T.: 0.029 min
Response: 40266
Conc: 0.03 ng/ml



#24 Chlordane-2

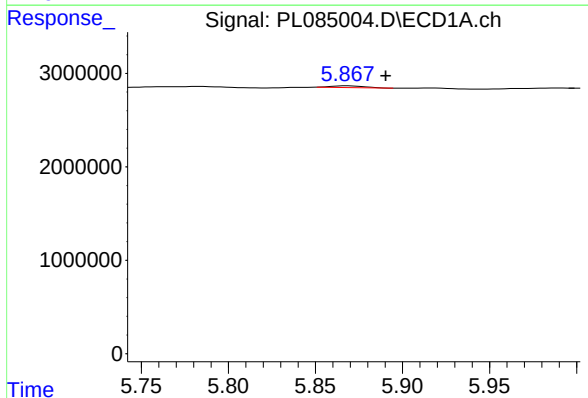
R.T.: 0.000 min
Exp R.T.: 5.177 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



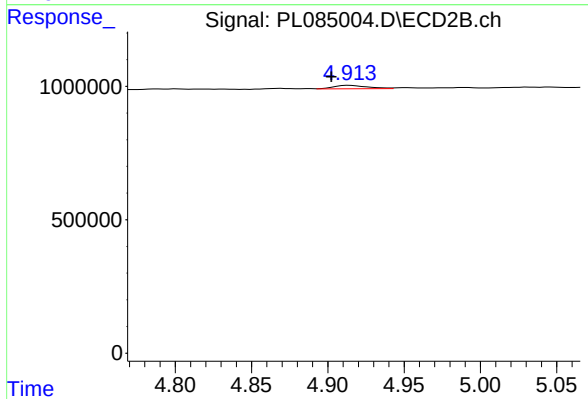
#24 Chlordane-2

R.T.: 4.282 min
Delta R.T.: 0.013 min
Response: 10047
Conc: 0.20 ng/ml



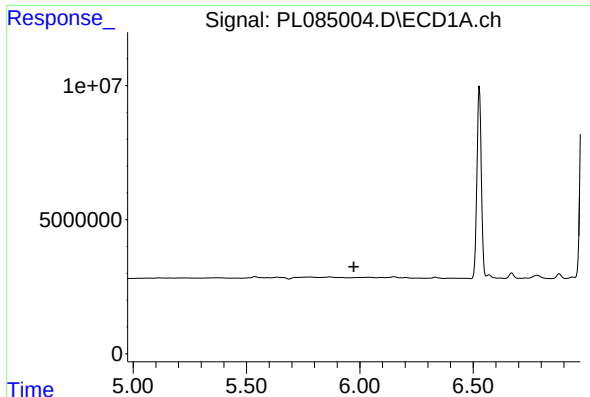
#25 Chlordane-3

R.T.: 5.868 min
Delta R.T.: -0.022 min
Response: 244007
Conc: 0.60 ng/ml



#25 Chlordane-3

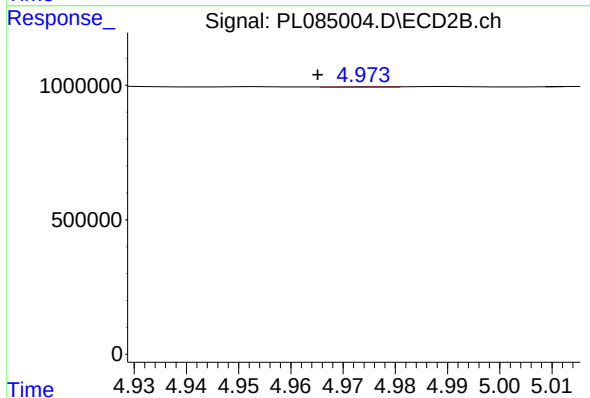
R.T.: 4.914 min
Delta R.T.: 0.012 min
Response: 196354
Conc: 1.42 ng/ml



#26 Chlordane-4

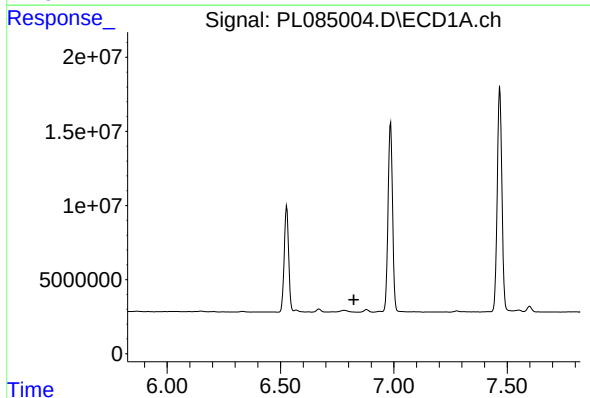
R.T.: 0.000 min
Exp R.T.: 5.973 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



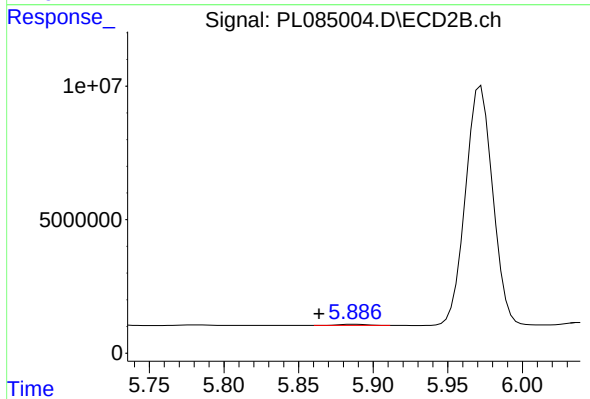
#26 Chlordane-4

R.T.: 4.975 min
Delta R.T.: 0.010 min
Response: 15533
Conc: 0.11 ng/ml



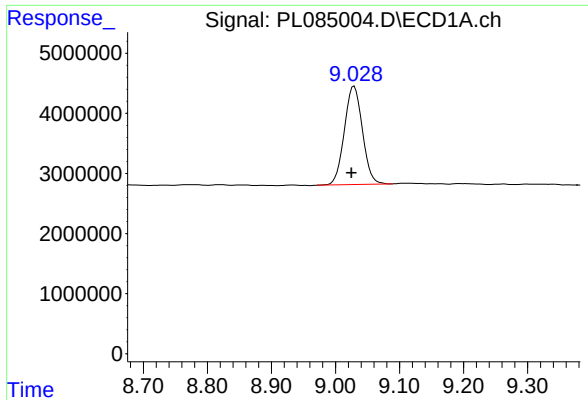
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.824 min
Response: 0
Conc: N.D.



#27 Chlordane-5

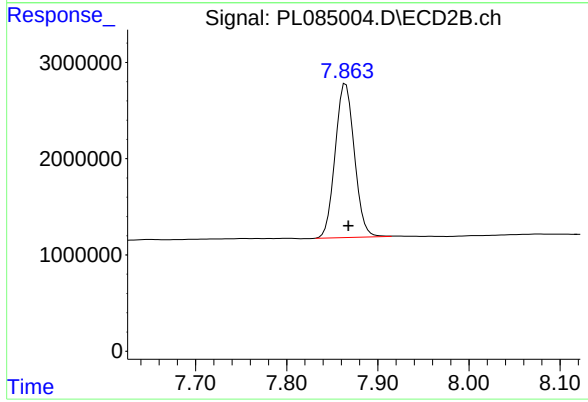
R.T.: 5.887 min
Delta R.T.: 0.024 min
Response: 564813
Conc: 11.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.029 min
Delta R.T.: 0.004 min
Response: 32019827
Conc: 19.68 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.865 min
Delta R.T.: -0.003 min
Response: 23394809
Conc: 18.76 ng/ml