

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071323\
 Data File : PL083890.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jul 2023 18:59
 Operator : AR\AJ
 Sample : 03581-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 00:15:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 14 00:03:54 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

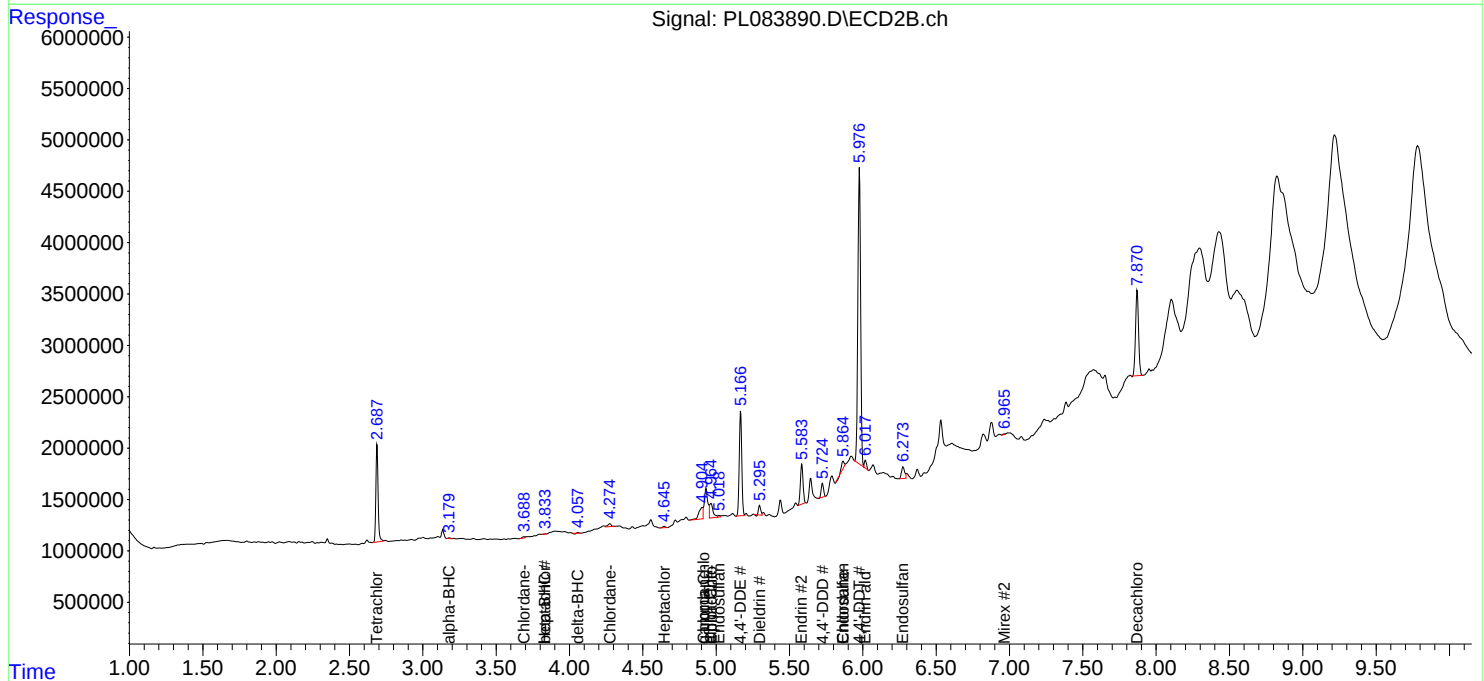
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

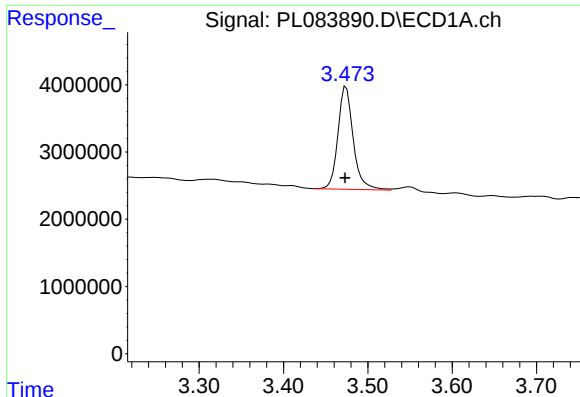
System Monitoring Compounds							
1)	SA Tetrachlo...	3.474	2.688	19320036	10172113	9.661	9.159
28)	SA Decachlor...	9.023	7.871	9568257	11959532	7.351	10.763 #
Target Compounds							
2)	A alpha-BHC	3.909f	3.181	364542	90078	0.124	0.056 #
4)	MA Heptachlor	4.885f	3.836f	1331772	14620	0.490	0.012 #
6)	B beta-BHC	4.486f	3.836	763641	14620	0.636	0.022 #
7)	B delta-BHC	4.711	4.058	339832	11192	0.127	0.007 #
8)	B Heptachlo...	5.623	4.646	2970075	178880	1.113	0.139 #
9)	A Endosulfan I	6.033f	5.019	161599	164022	0.068	0.134 #
10)	B gamma-Chl...	5.890	4.905	6872867	2072509	2.662	1.556 #
11)	B alpha-Chl...	5.973	4.965	11186587	2425642	4.401	1.801 #
12)	B 4,4'-DDE	6.146	5.168	20925165	12156503	10.400	9.897
13)	MA Dieldrin	6.296	5.297	557811	915925	0.233	0.703 #
14)	MA Endrin	6.511	5.585f	-128264	4969390	N.D.	4.521
15)	B Endosulfa...	6.748	5.866	458616	696298	0.245	0.606 #
16)	A 4,4'-DDD	6.672	5.725	4280174	1435379	2.915	1.496 #
17)	MA 4,4'-DDT	6.981	5.977	66946182	36831736	41.978	40.439
18)	B Endrin al...	0.000	6.018f	0	796788	N.D.	0.886 #
19)	B Endosulfa...	7.099	6.275	1068184	1621745	0.618	1.476 #
21)	B Endrin ke...	7.580	6.759	5275572	-26617	3.010	N.D. #
22)	Mirex	0.000	6.967	0	86665	N.D.	0.085 #
23)	Chlordane-1	0.000	3.691	0	164762	N.D.	0.417 #
24)	Chlordane-2	5.171	4.275	8343	493489	0.010	1.164 #
25)	Chlordane-3	5.890	4.905	6872867	2072509	1.958	1.512
26)	Chlordane-4	5.973	4.965	11186587	2425642	2.740	1.693 #
27)	Chlordane-5	6.801f	5.866	1733823	696298	2.839	1.517 #

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

Instrument :
ECD_L
ClientSampleId :

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

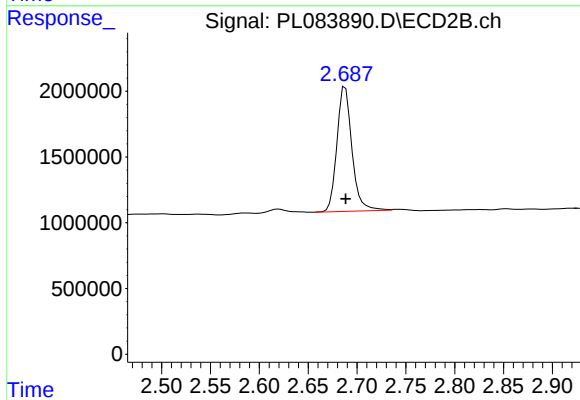




#1 Tetrachloro-m-xylene

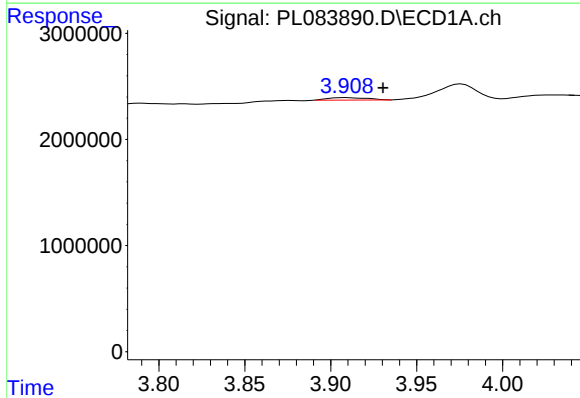
R.T.: 3.474 min
Delta R.T.: 0.001 min
Response: 19320036
Conc: 9.66 ng/ml

Instrument :
ECD_L
ClientSampleId :



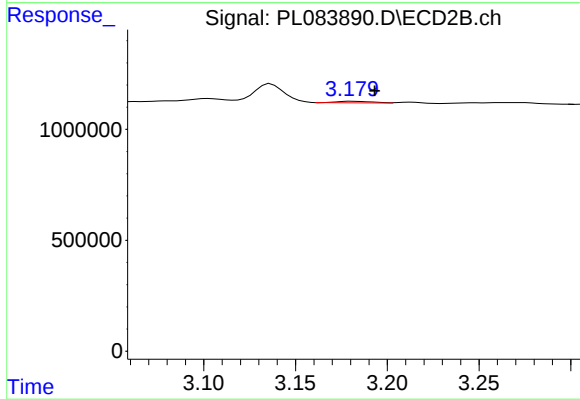
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 10172113
Conc: 9.16 ng/ml



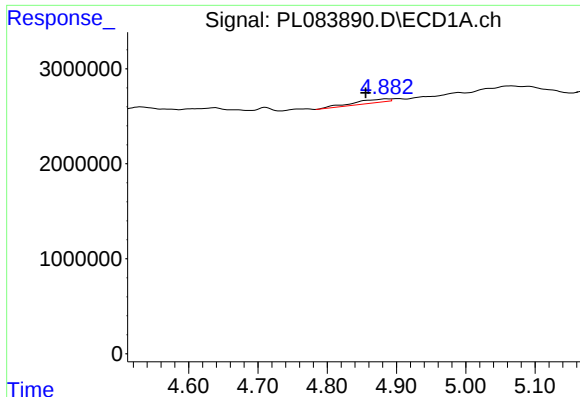
#2 alpha-BHC

R.T.: 3.909 min
Delta R.T.: -0.022 min
Response: 364542
Conc: 0.12 ng/ml



#2 alpha-BHC

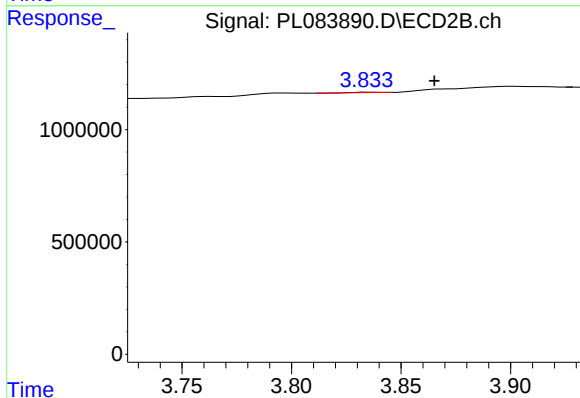
R.T.: 3.181 min
Delta R.T.: -0.012 min
Response: 90078
Conc: 0.06 ng/ml



#4 Heptachlor

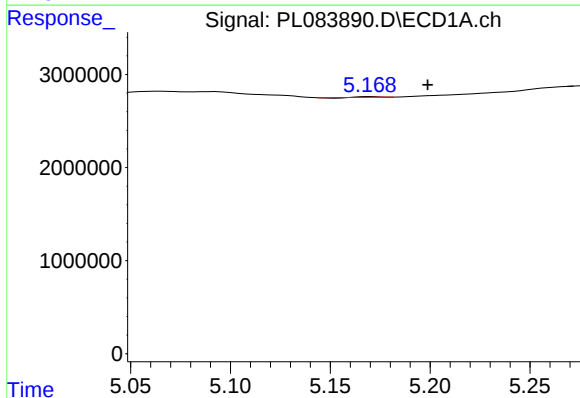
R.T.: 4.885 min
Delta R.T.: 0.030 min
Response: 1331772
Conc: 0.49 ng/ml

Instrument :
ECD_L
ClientSampleId :



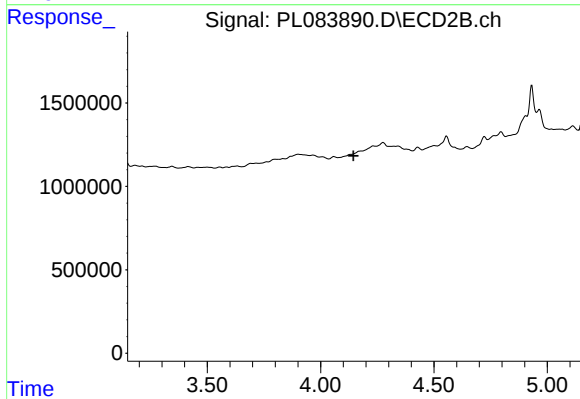
#4 Heptachlor

R.T.: 3.836 min
Delta R.T.: -0.030 min
Response: 14620
Conc: 0.01 ng/ml



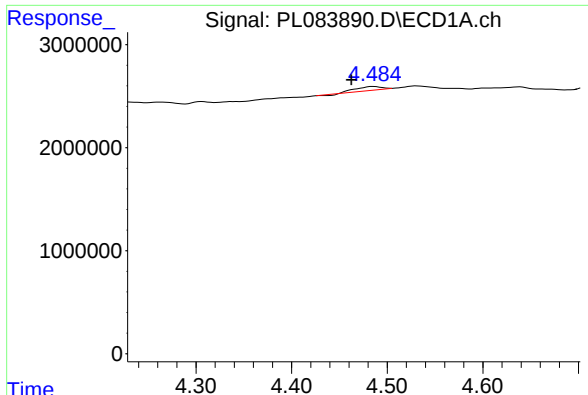
#5 Aldrin

R.T.: 5.171 min
Delta R.T.: -0.028 min
Response: 8343
Conc: 0.00 ng/ml



#5 Aldrin

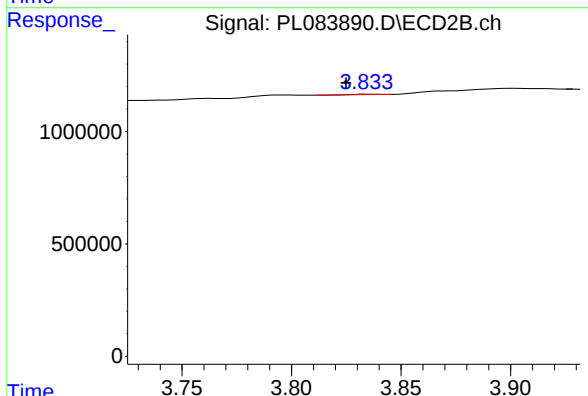
R.T.: 4.133 min
Delta R.T.: -0.013 min
Response: -23162
Conc: N.D.



#6 beta-BHC

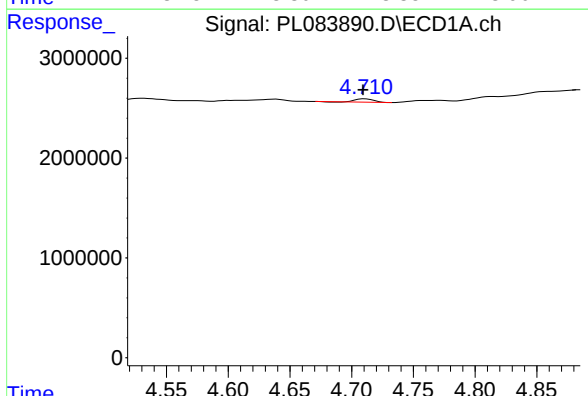
R.T.: 4.486 min
Delta R.T.: 0.023 min
Response: 763641
Conc: 0.64 ng/ml

Instrument :
ECD_L
ClientSampleId :



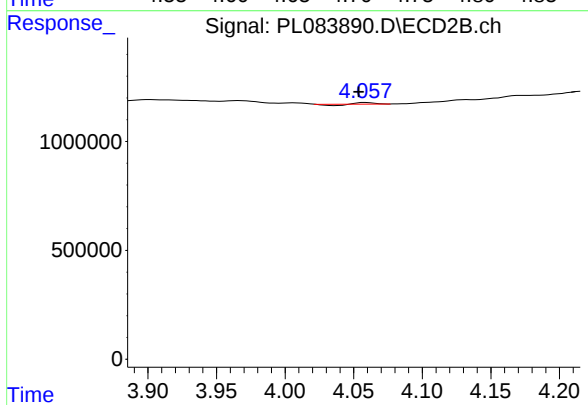
#6 beta-BHC

R.T.: 3.836 min
Delta R.T.: 0.011 min
Response: 14620
Conc: 0.02 ng/ml



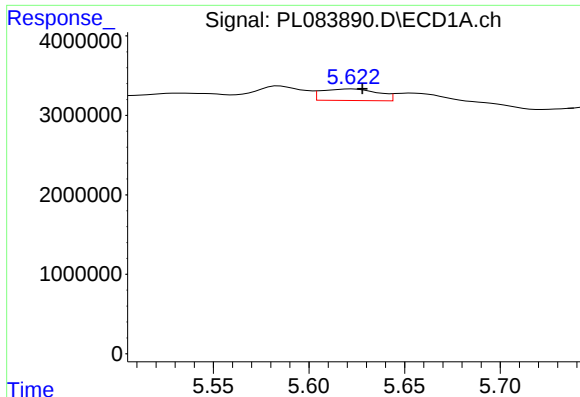
#7 delta-BHC

R.T.: 4.711 min
Delta R.T.: 0.002 min
Response: 339832
Conc: 0.13 ng/ml



#7 delta-BHC

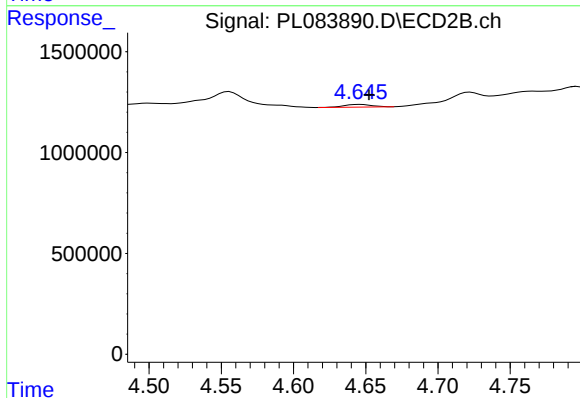
R.T.: 4.058 min
Delta R.T.: 0.005 min
Response: 11192
Conc: 0.01 ng/ml



#8 Heptachlor epoxide

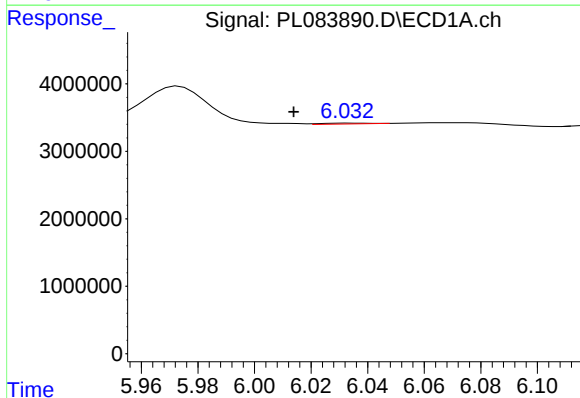
R.T.: 5.623 min
Delta R.T.: -0.005 min
Response: 2970075
Conc: 1.11 ng/ml

Instrument :
ECD_L
ClientSampleId :



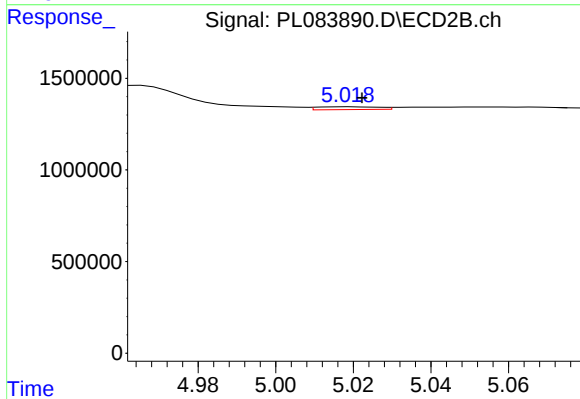
#8 Heptachlor epoxide

R.T.: 4.646 min
Delta R.T.: -0.006 min
Response: 178880
Conc: 0.14 ng/ml



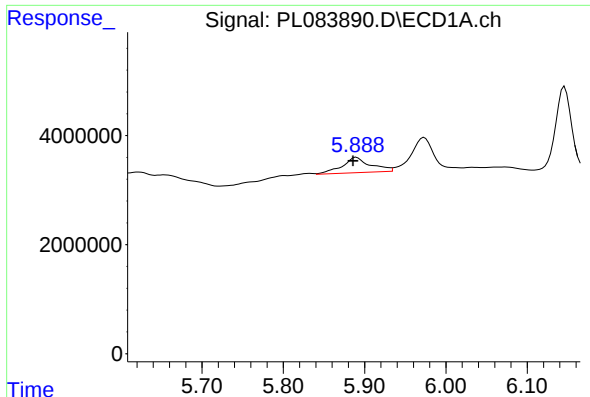
#9 Endosulfan I

R.T.: 6.033 min
Delta R.T.: 0.020 min
Response: 161599
Conc: 0.07 ng/ml



#9 Endosulfan I

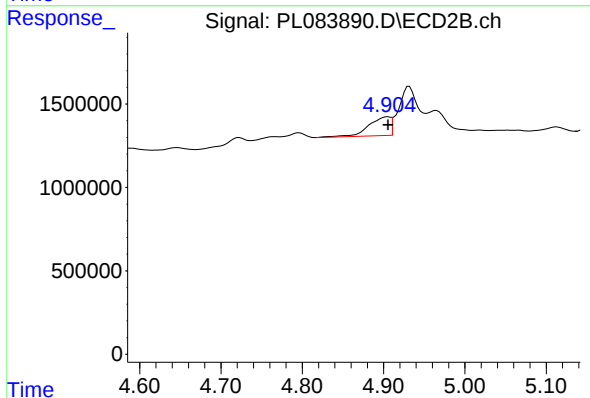
R.T.: 5.019 min
Delta R.T.: -0.003 min
Response: 164022
Conc: 0.13 ng/ml



#10 gamma-Chlordane

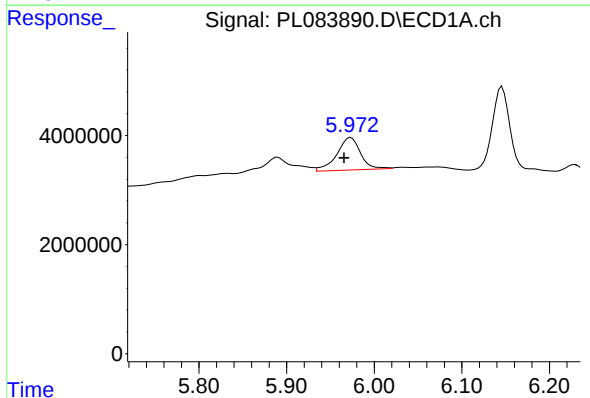
R.T.: 5.890 min
Delta R.T.: 0.004 min
Response: 6872867
Conc: 2.66 ng/ml

Instrument :
ECD_L
ClientSampleId :



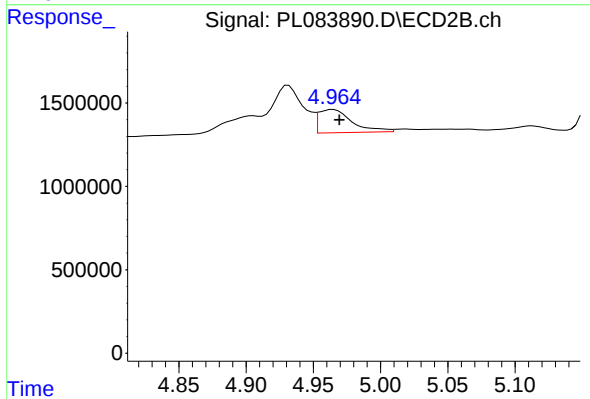
#10 gamma-Chlordane

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 2072509
Conc: 1.56 ng/ml



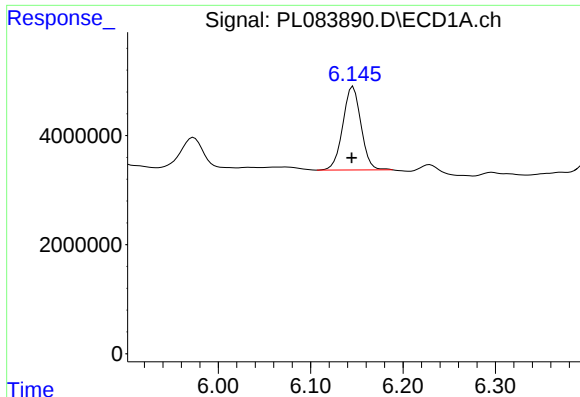
#11 alpha-Chlordane

R.T.: 5.973 min
Delta R.T.: 0.008 min
Response: 11186587
Conc: 4.40 ng/ml



#11 alpha-Chlordane

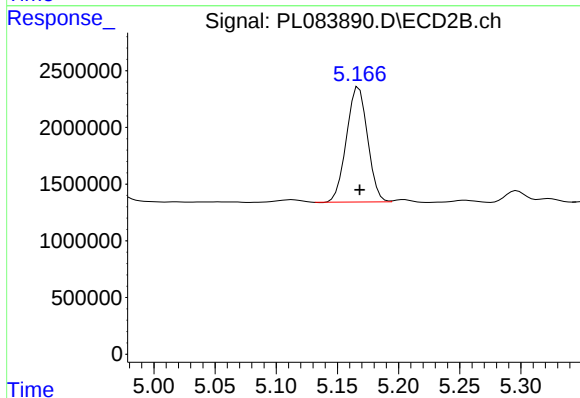
R.T.: 4.965 min
Delta R.T.: -0.005 min
Response: 2425642
Conc: 1.80 ng/ml



#12 4,4'-DDE

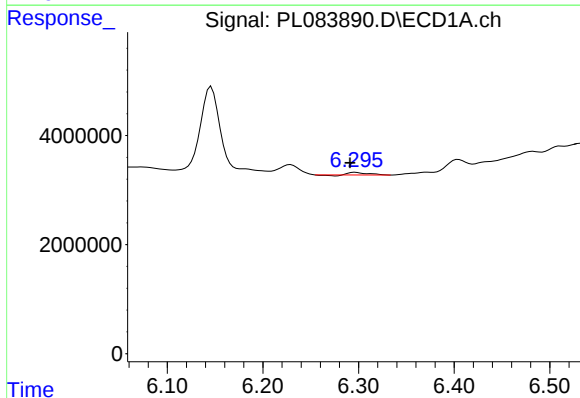
R.T.: 6.146 min
Delta R.T.: 0.001 min
Response: 20925165
Conc: 10.40 ng/ml

Instrument :
ECD_L
ClientSampleId :



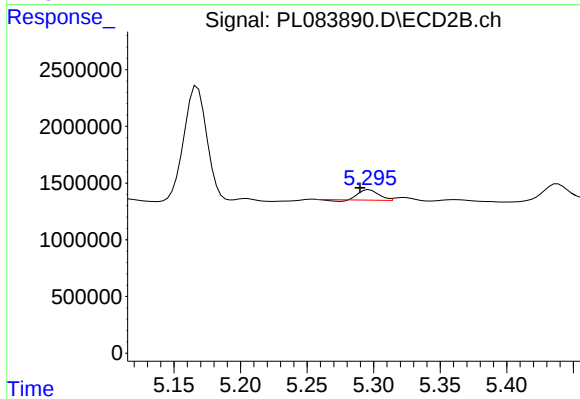
#12 4,4'-DDE

R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 12156503
Conc: 9.90 ng/ml



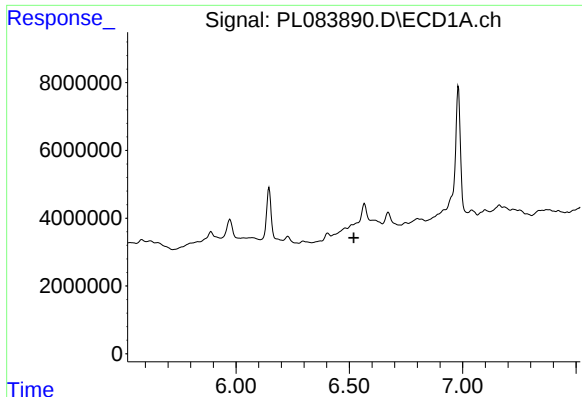
#13 Dieldrin

R.T.: 6.296 min
Delta R.T.: 0.005 min
Response: 557811
Conc: 0.23 ng/ml



#13 Dieldrin

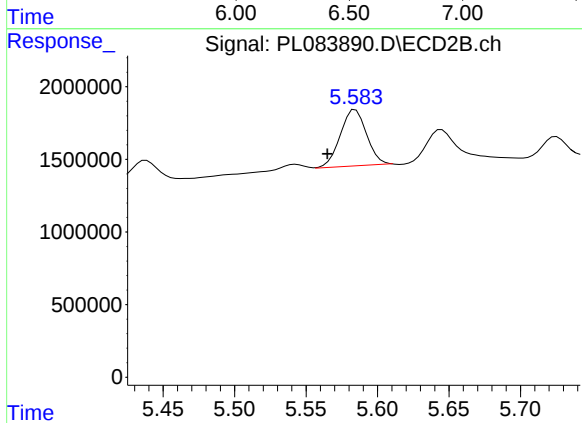
R.T.: 5.297 min
Delta R.T.: 0.007 min
Response: 915925
Conc: 0.70 ng/ml



#14 Endrin

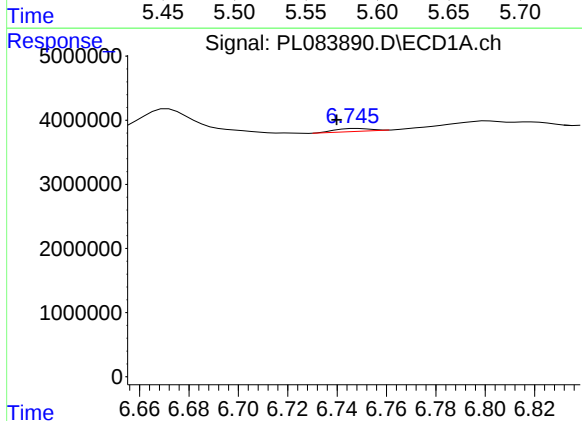
R.T.: 6.511 min
Delta R.T.: -0.009 min
Response: -128264
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



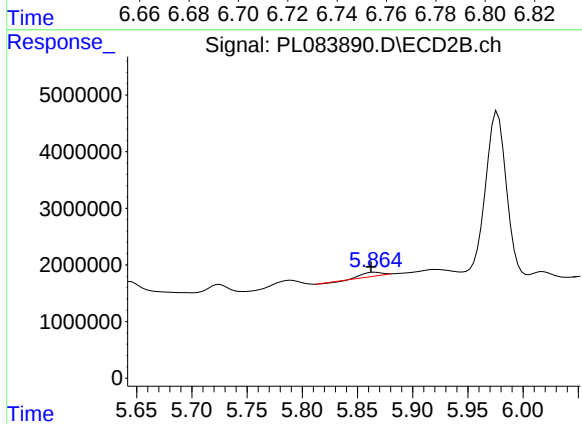
#14 Endrin

R.T.: 5.585 min
Delta R.T.: 0.020 min
Response: 4969390
Conc: 4.52 ng/ml



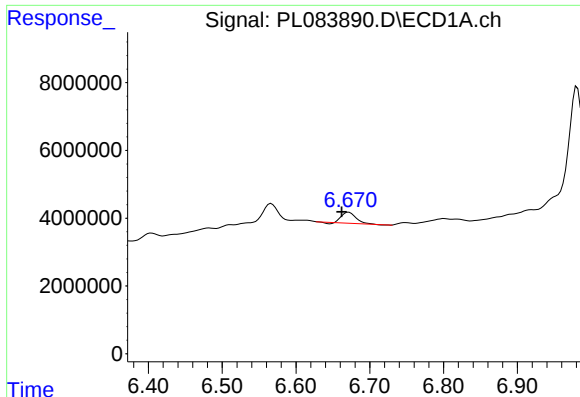
#15 Endosulfan II

R.T.: 6.748 min
Delta R.T.: 0.009 min
Response: 458616
Conc: 0.24 ng/ml



#15 Endosulfan II

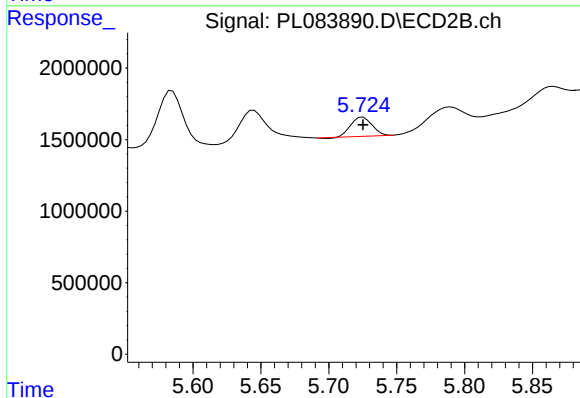
R.T.: 5.866 min
Delta R.T.: 0.003 min
Response: 696298
Conc: 0.61 ng/ml



#16 4,4'-DDD

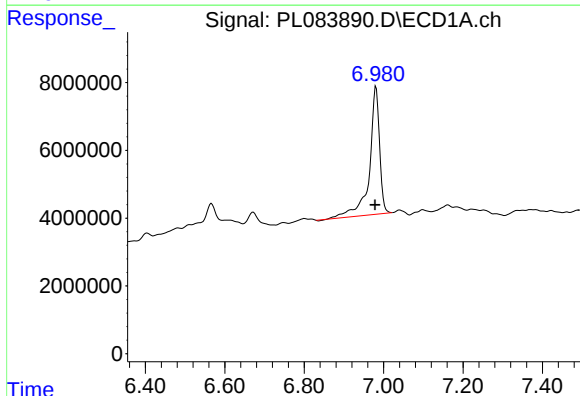
R.T.: 6.672 min
Delta R.T.: 0.009 min
Response: 4280174
Conc: 2.91 ng/ml

Instrument :
ECD_L
ClientSampleId :



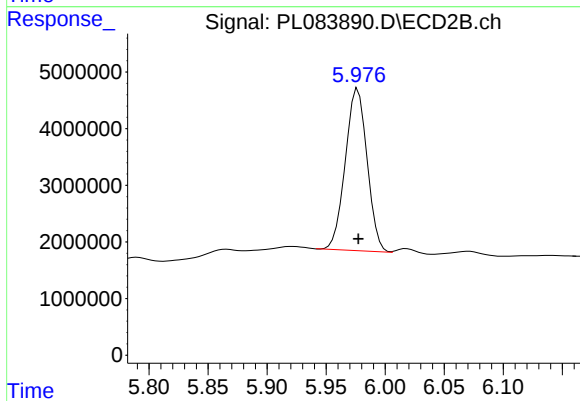
#16 4,4'-DDD

R.T.: 5.725 min
Delta R.T.: 0.000 min
Response: 1435379
Conc: 1.50 ng/ml



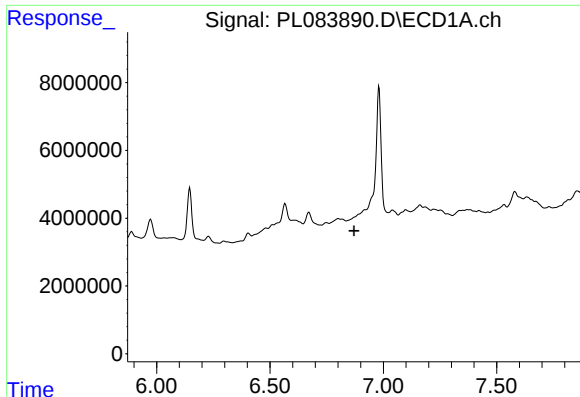
#17 4,4'-DDT

R.T.: 6.981 min
Delta R.T.: 0.003 min
Response: 66946182
Conc: 41.98 ng/ml



#17 4,4'-DDT

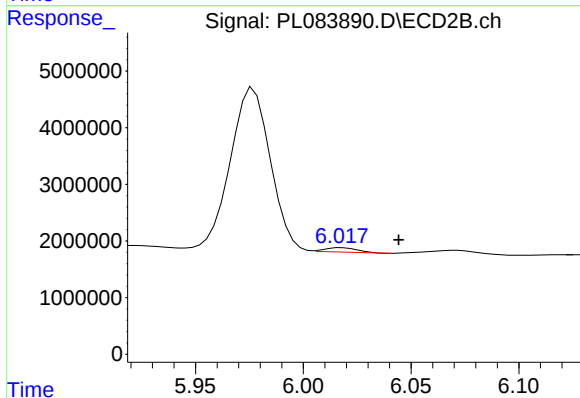
R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 36831736
Conc: 40.44 ng/ml



#18 Endrin aldehyde

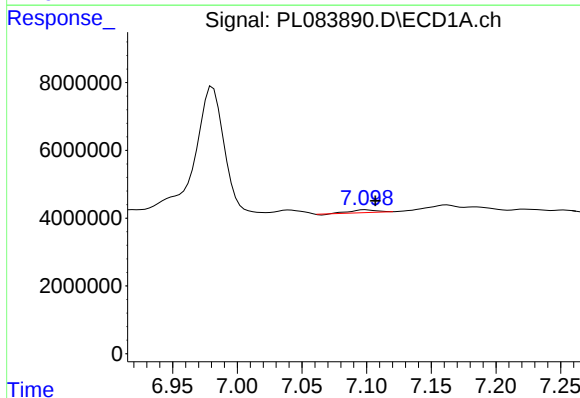
R.T.: 0.000 min
Exp R.T.: 6.872 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



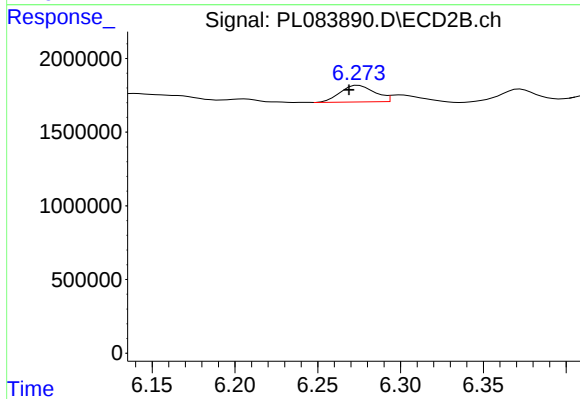
#18 Endrin aldehyde

R.T.: 6.018 min
Delta R.T.: -0.026 min
Response: 796788
Conc: 0.89 ng/ml



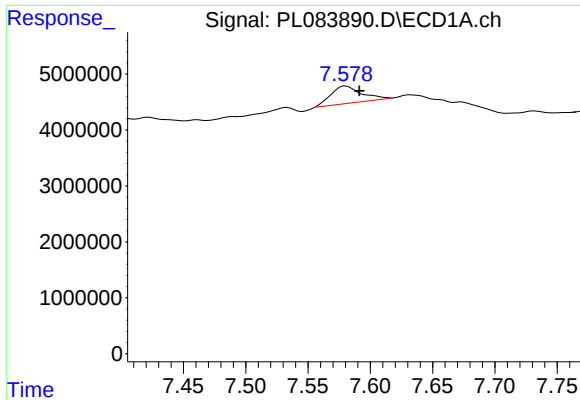
#19 Endosulfan Sulfate

R.T.: 7.099 min
Delta R.T.: -0.007 min
Response: 1068184
Conc: 0.62 ng/ml



#19 Endosulfan Sulfate

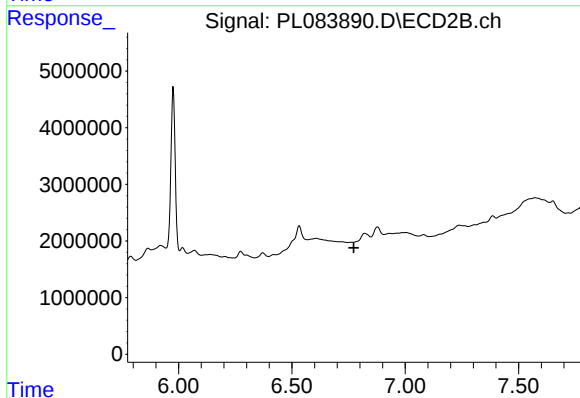
R.T.: 6.275 min
Delta R.T.: 0.006 min
Response: 1621745
Conc: 1.48 ng/ml



#21 Endrin ketone

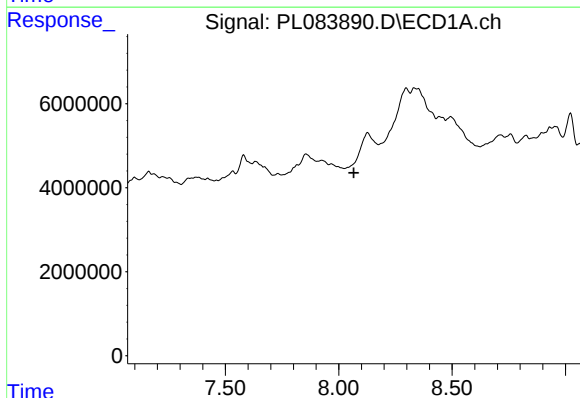
R.T.: 7.580 min
Delta R.T.: -0.011 min
Response: 5275572
Conc: 3.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



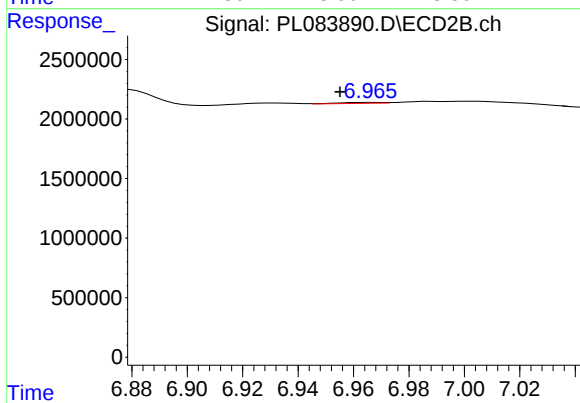
#21 Endrin ketone

R.T.: 6.759 min
Delta R.T.: -0.014 min
Response: -26617
Conc: N.D.



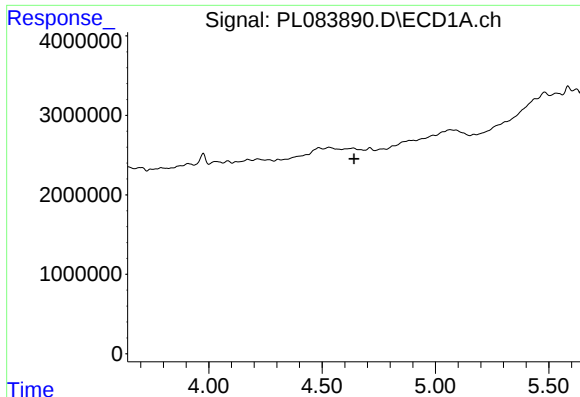
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.066 min
Response: 0
Conc: N.D.



#22 Mirex

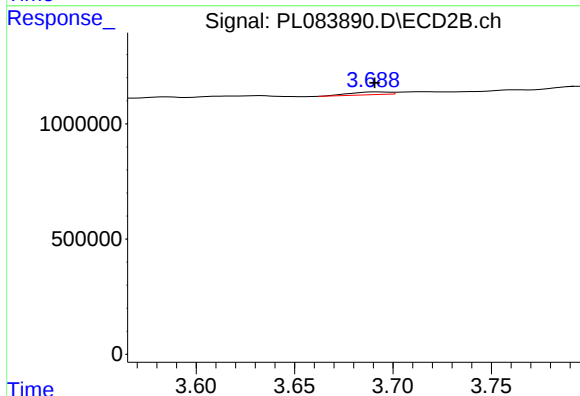
R.T.: 6.967 min
Delta R.T.: 0.012 min
Response: 86665
Conc: 0.08 ng/ml



#23 Chlordane-1

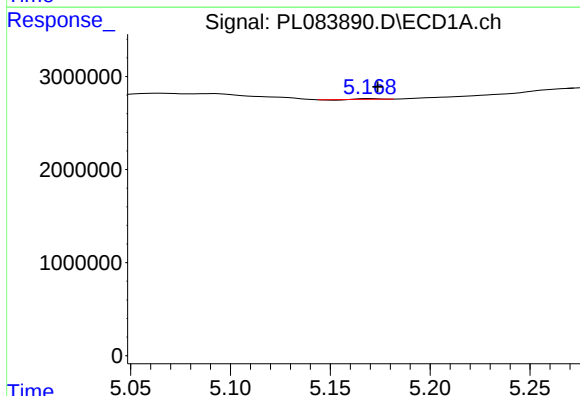
R.T.: 0.000 min
Exp R.T.: 4.641 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



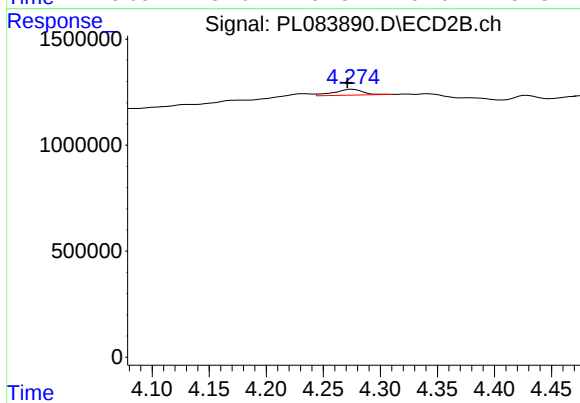
#23 Chlordane-1

R.T.: 3.691 min
Delta R.T.: 0.000 min
Response: 164762
Conc: 0.42 ng/ml



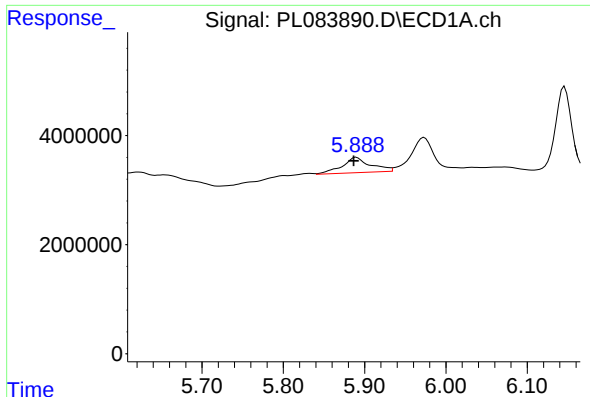
#24 Chlordane-2

R.T.: 5.171 min
Delta R.T.: -0.003 min
Response: 8343
Conc: 0.01 ng/ml



#24 Chlordane-2

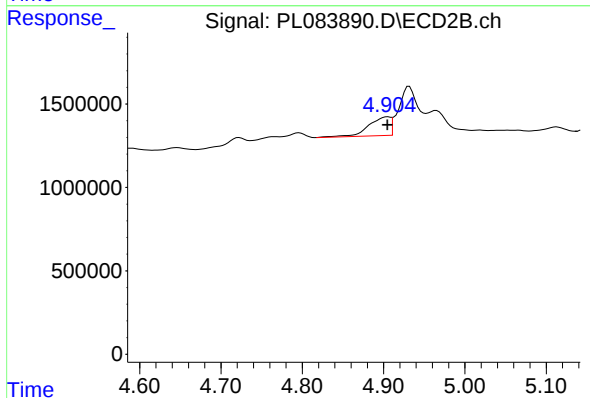
R.T.: 4.275 min
Delta R.T.: 0.004 min
Response: 493489
Conc: 1.16 ng/ml



#25 Chlordane-3

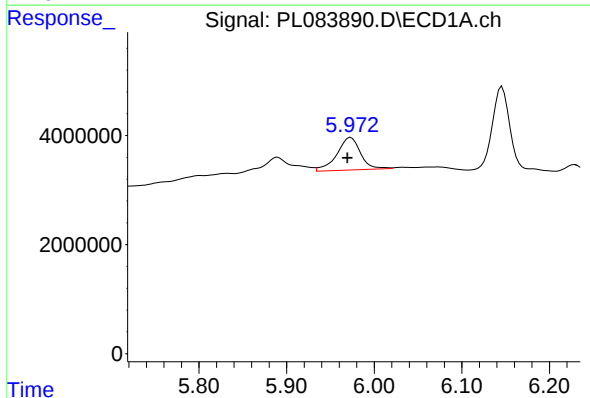
R.T.: 5.890 min
Delta R.T.: 0.003 min
Response: 6872867
Conc: 1.96 ng/ml

Instrument :
ECD_L
ClientSampleId :



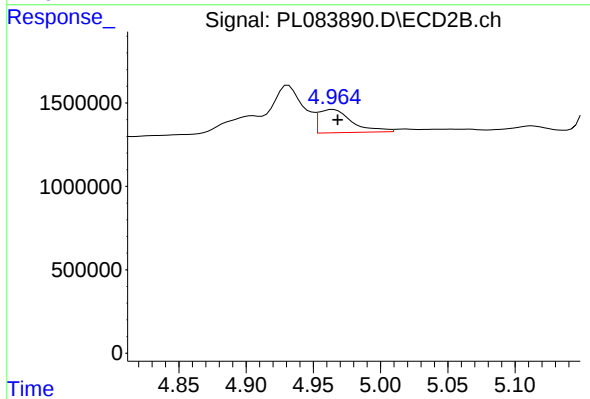
#25 Chlordane-3

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 2072509
Conc: 1.51 ng/ml



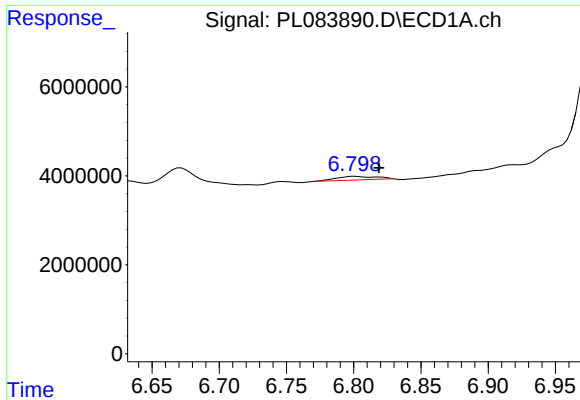
#26 Chlordane-4

R.T.: 5.973 min
Delta R.T.: 0.004 min
Response: 11186587
Conc: 2.74 ng/ml



#26 Chlordane-4

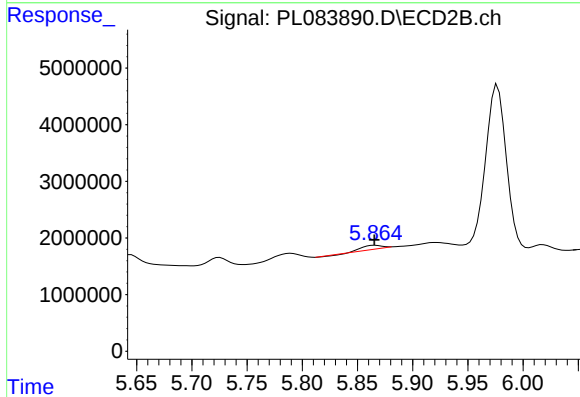
R.T.: 4.965 min
Delta R.T.: -0.003 min
Response: 2425642
Conc: 1.69 ng/ml



#27 Chlordane-5

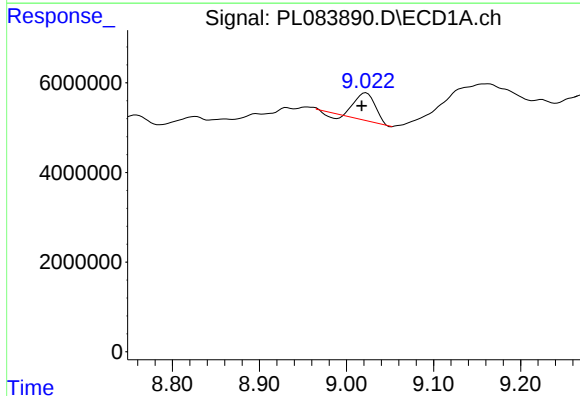
R.T.: 6.801 min
Delta R.T.: -0.018 min
Response: 1733823
Conc: 2.84 ng/ml

Instrument :
ECD_L
ClientSampleId :



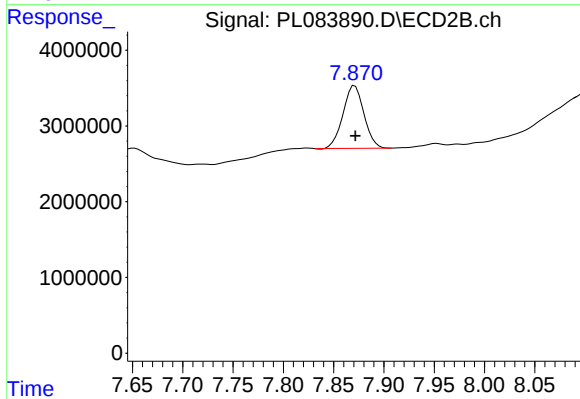
#27 Chlordane-5

R.T.: 5.866 min
Delta R.T.: 0.000 min
Response: 696298
Conc: 1.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.023 min
Delta R.T.: 0.005 min
Response: 9568257
Conc: 7.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.871 min
Delta R.T.: 0.000 min
Response: 11959532
Conc: 10.76 ng/ml