

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121723\
 Data File : PL087220.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Dec 2023 14:53
 Operator : AR\AJ
 Sample : 05831-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

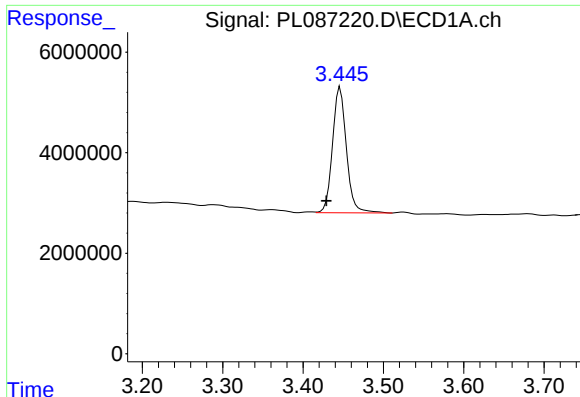
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 17 22:04:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.446f	2.682	30123411	13173026	8.004	7.826
28)	SA Decachlor...	9.005f	7.874	28362539	12384743	8.318	7.333
Target Compounds							
2)	A alpha-BHC	0.000	3.205f	0	3734	N.D.	0.002 #
3)	MA gamma-BHC...	4.217	3.500f	3766980	225832	0.717	0.093 #
4)	MA Heptachlor	4.789f	3.879f	2679759	8975061	0.503	3.755 #
5)	MB Aldrin	5.145	4.125f	5379421	6958934	1.033	2.902 #
6)	B beta-BHC	4.414	0.000	2554643	0	1.112	N.D. #
7)	B delta-BHC	0.000	4.060	0	3332678	N.D.	1.362 #
8)	B Heptachlo...	5.600	4.646	4361574	432715	0.925	0.194 #
9)	A Endosulfan I	5.945f	5.031	20017232	47090	4.482	0.022 #
10)	B gamma-Chl...	5.856	4.885f	12199769	6033107	2.516	2.638
11)	B alpha-Chl...	5.945f	4.967	20017232	8354458	4.165	3.620
12)	B 4,4'-DDE	6.119	5.164	6473193	377526	1.562	0.190 #
13)	MA Dieldrin	6.273f	5.295	-2317085	5914711	N.D.	2.655
14)	MA Endrin	6.504f	5.580	9732342	1162812	2.530	0.583 #
15)	B Endosulfa...	6.722f	5.855	1982536	4117040	0.494	2.115 #
16)	A 4,4'-DDD	6.655f	0.000	17719599	0	5.361	N.D. #
17)	MA 4,4'-DDT	6.931	5.969	18991521	8838304	5.051	4.792
18)	B Endrin al...	0.000	6.069f	0	2692423	N.D.	1.835 #
19)	B Endosulfa...	7.076	6.273	-1830577	3852734	N.D.	2.045
21)	B Endrin ke...	7.560	0.000	17307679	0	4.254	N.D. #
23)	Chlordane-1	4.611f	3.684	6957379	2062344	44.094	33.245
24)	Chlordane-2	5.145f	4.268	5379421	2535354	30.883	33.024
25)	Chlordane-3	5.831	4.885f	27509506	6033107	39.465	27.291 #
26)	Chlordane-4	5.945f	4.967	20017232	8354458	23.410	35.884 #
27)	Chlordane-5	6.775	5.642	15254594	8335686	110.449	128.841

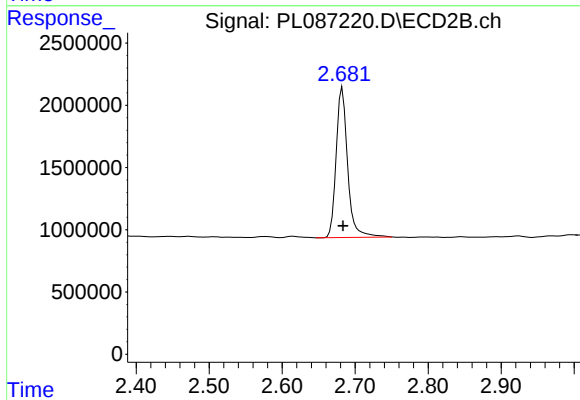
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

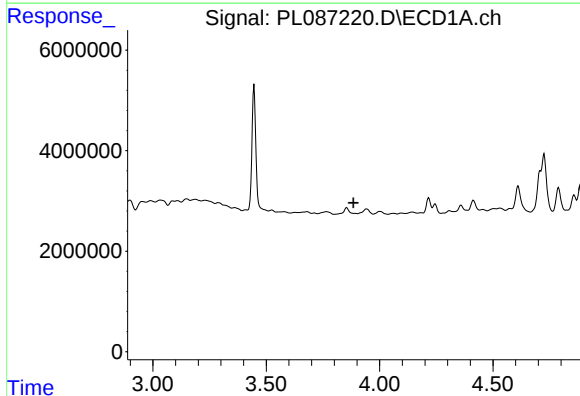
R.T.: 3.446 min
Delta R.T.: 0.017 min
Response: 30123411
Conc: 8.00 ng/ml

Instrument :
ECD_L
ClientSampleId :



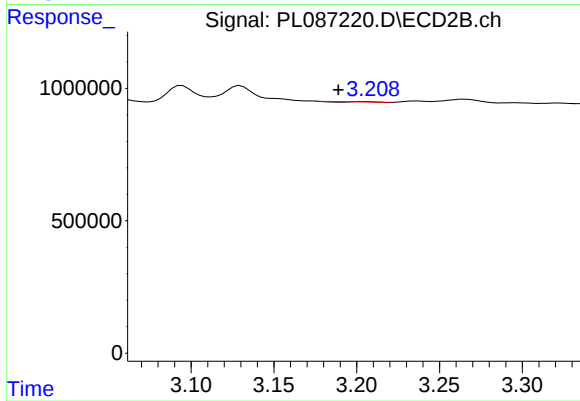
#1 Tetrachloro-m-xylene

R.T.: 2.682 min
Delta R.T.: -0.001 min
Response: 13173026
Conc: 7.83 ng/ml



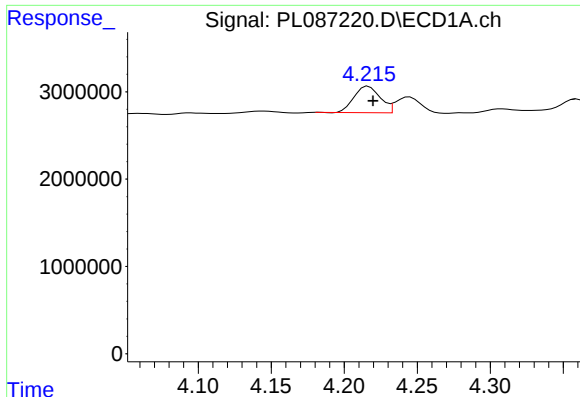
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.885 min
Response: 0
Conc: N.D.



#2 alpha-BHC

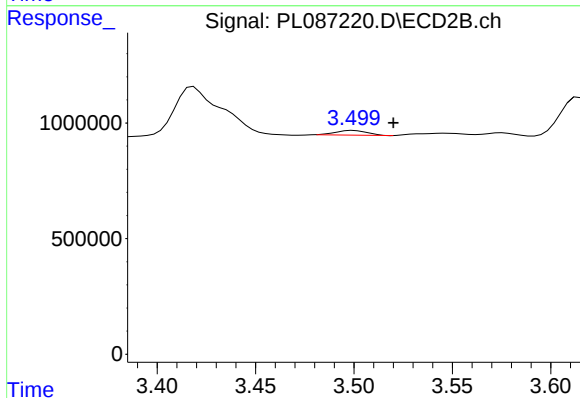
R.T.: 3.205 min
Delta R.T.: 0.016 min
Response: 3734
Conc: 0.00 ng/ml



#3 gamma-BHC (Lindane)

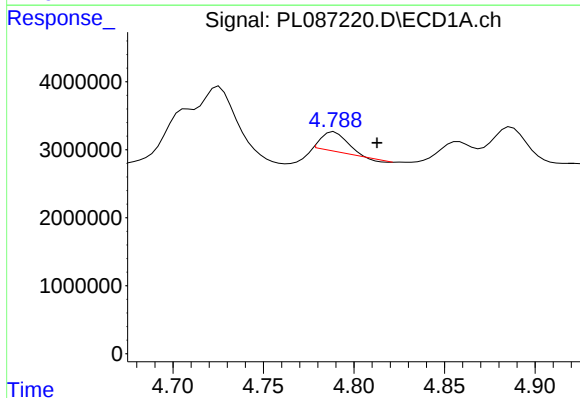
R.T.: 4.217 min
Delta R.T.: -0.003 min
Response: 3766980
Conc: 0.72 ng/ml

Instrument :
ECD_L
ClientSampleId :



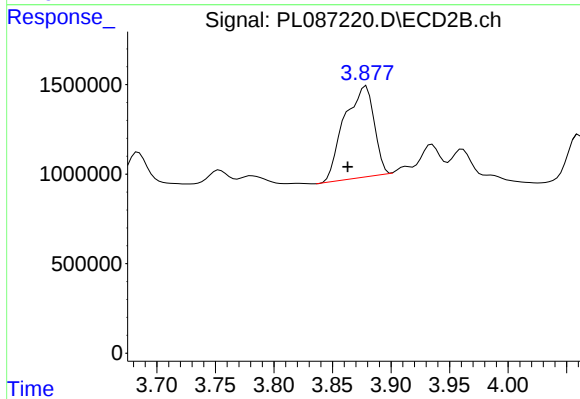
#3 gamma-BHC (Lindane)

R.T.: 3.500 min
Delta R.T.: -0.020 min
Response: 225832
Conc: 0.09 ng/ml



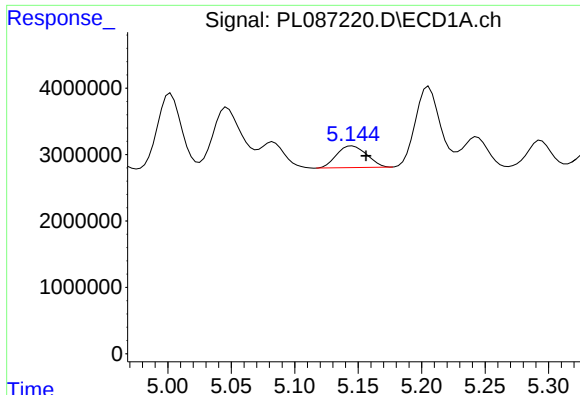
#4 Heptachlor

R.T.: 4.789 min
Delta R.T.: -0.024 min
Response: 2679759
Conc: 0.50 ng/ml



#4 Heptachlor

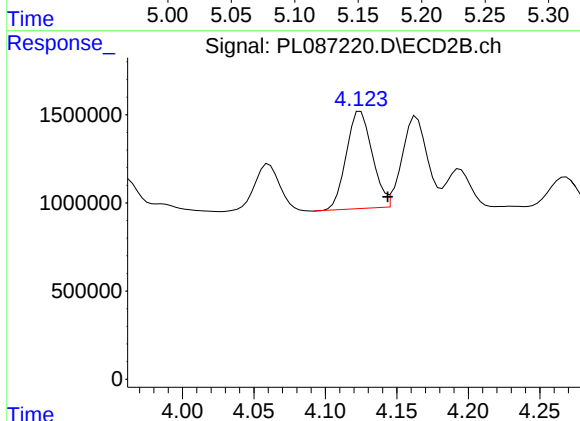
R.T.: 3.879 min
Delta R.T.: 0.016 min
Response: 8975061
Conc: 3.75 ng/ml



#5 Aldrin

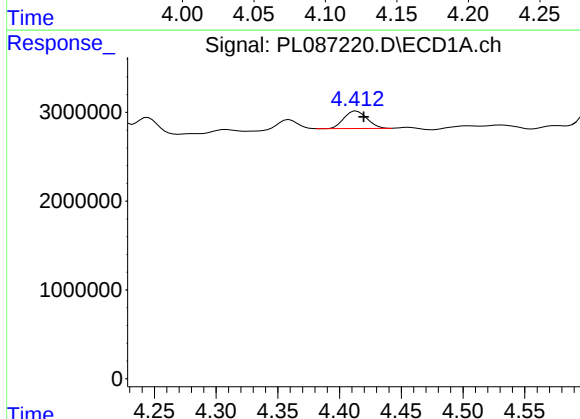
R.T.: 5.145 min
Delta R.T.: -0.011 min
Response: 5379421
Conc: 1.03 ng/ml

Instrument :
ECD_L
ClientSampleId :



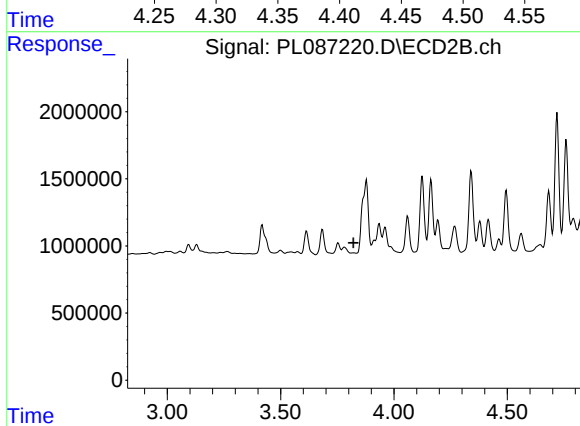
#5 Aldrin

R.T.: 4.125 min
Delta R.T.: -0.019 min
Response: 6958934
Conc: 2.90 ng/ml



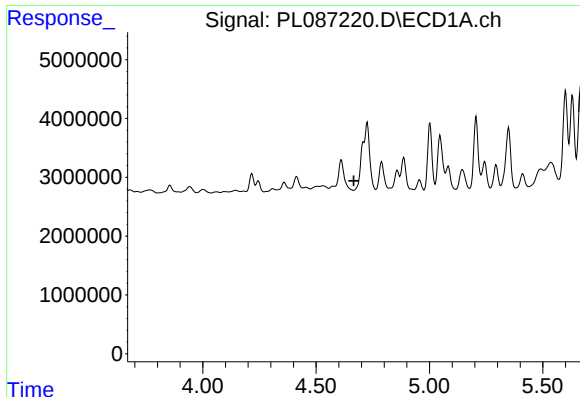
#6 beta-BHC

R.T.: 4.414 min
Delta R.T.: -0.006 min
Response: 2554643
Conc: 1.11 ng/ml



#6 beta-BHC

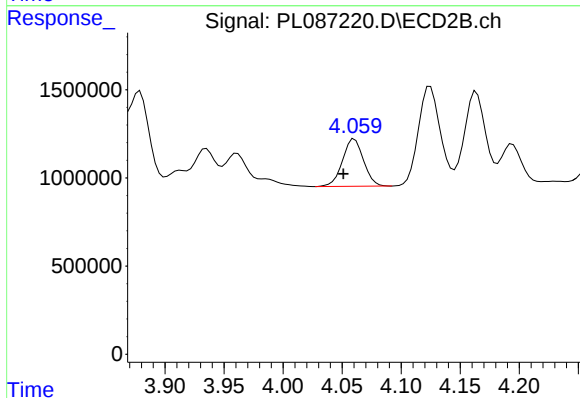
R.T.: 0.000 min
Exp R.T. : 3.822 min
Response: 0
Conc: N.D.



#7 delta-BHC

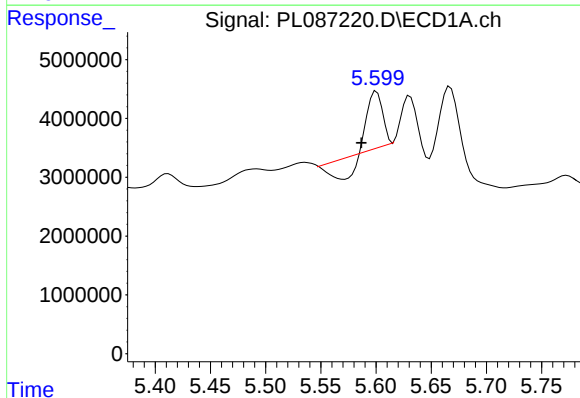
R.T.: 0.000 min
Exp R.T.: 4.666 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



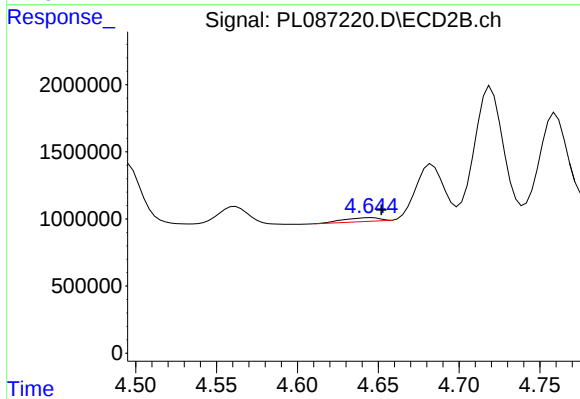
#7 delta-BHC

R.T.: 4.060 min
Delta R.T.: 0.009 min
Response: 3332678
Conc: 1.36 ng/ml



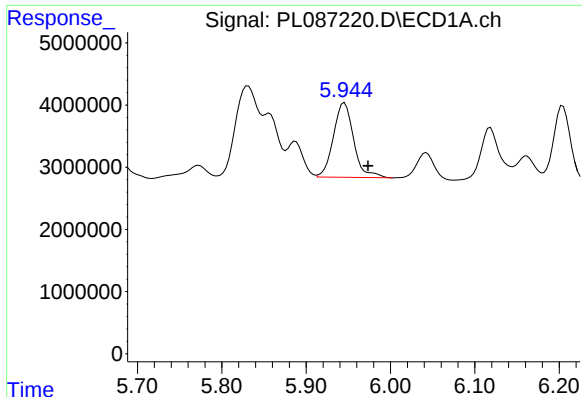
#8 Heptachlor epoxide

R.T.: 5.600 min
Delta R.T.: 0.014 min
Response: 4361574
Conc: 0.93 ng/ml



#8 Heptachlor epoxide

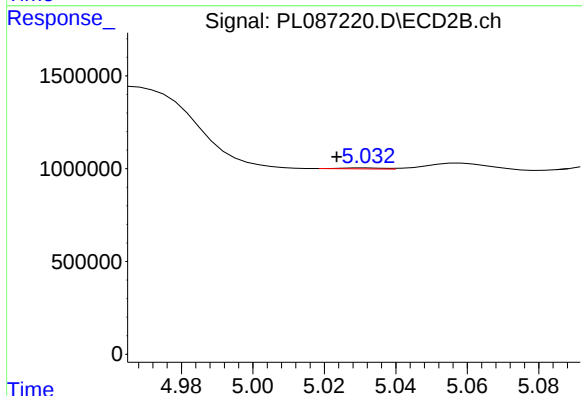
R.T.: 4.646 min
Delta R.T.: -0.007 min
Response: 432715
Conc: 0.19 ng/ml



#9 Endosulfan I

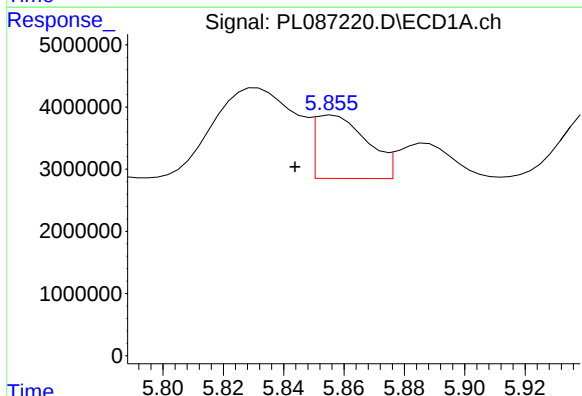
R.T.: 5.945 min
Delta R.T.: -0.028 min
Response: 20017232
Conc: 4.48 ng/ml

Instrument :
ECD_L
ClientSampleId :



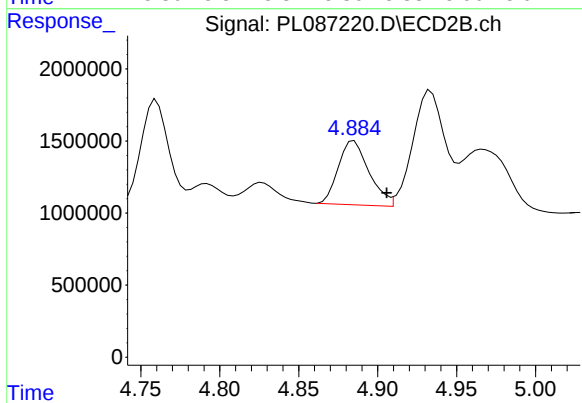
#9 Endosulfan I

R.T.: 5.031 min
Delta R.T.: 0.008 min
Response: 47090
Conc: 0.02 ng/ml



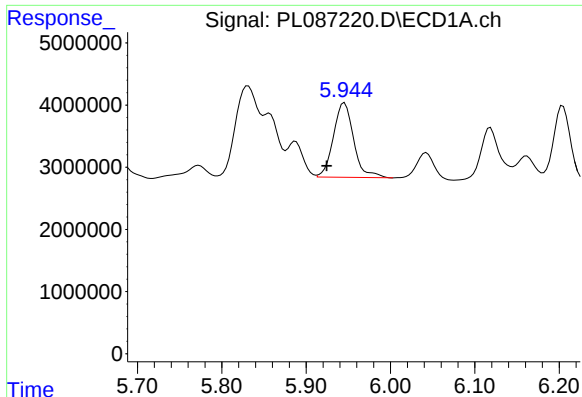
#10 gamma-Chlordane

R.T.: 5.856 min
Delta R.T.: 0.012 min
Response: 12199769
Conc: 2.52 ng/ml



#10 gamma-Chlordane

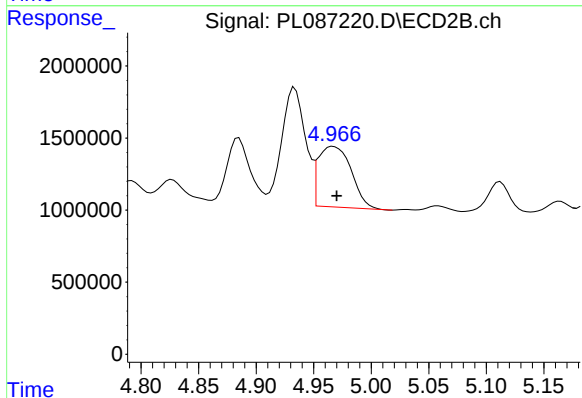
R.T.: 4.885 min
Delta R.T.: -0.021 min
Response: 6033107
Conc: 2.64 ng/ml



#11 alpha-Chlordane

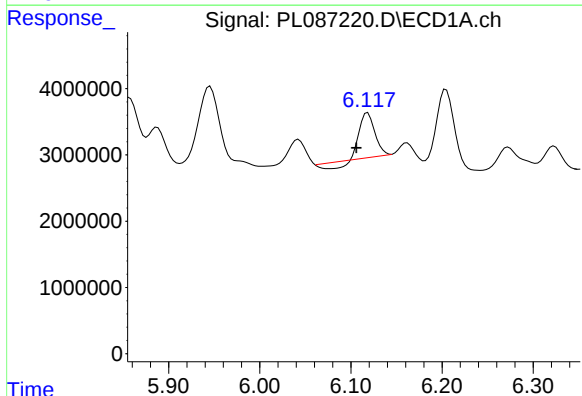
R.T.: 5.945 min
Delta R.T.: 0.021 min
Response: 20017232
Conc: 4.16 ng/ml

Instrument :
ECD_L
ClientSampleId :



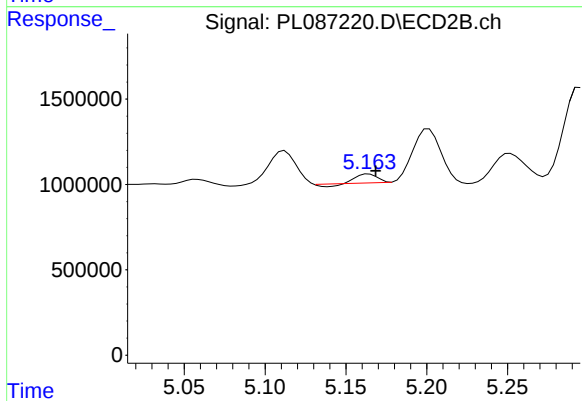
#11 alpha-Chlordane

R.T.: 4.967 min
Delta R.T.: -0.003 min
Response: 8354458
Conc: 3.62 ng/ml



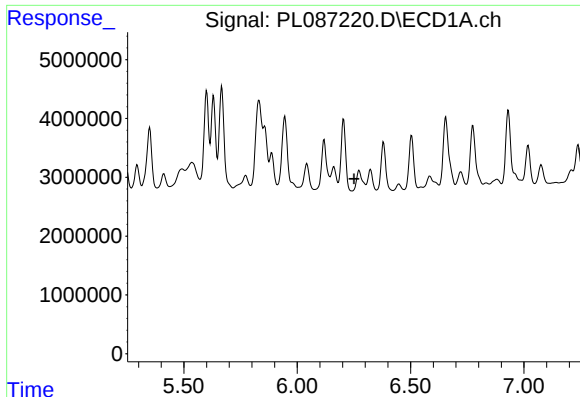
#12 4,4'-DDE

R.T.: 6.119 min
Delta R.T.: 0.012 min
Response: 6473193
Conc: 1.56 ng/ml



#12 4,4'-DDE

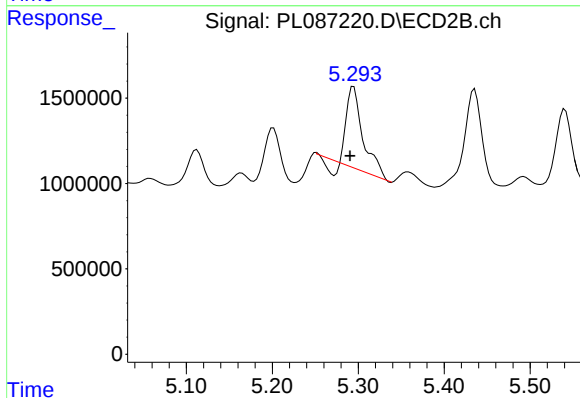
R.T.: 5.164 min
Delta R.T.: -0.004 min
Response: 377526
Conc: 0.19 ng/ml



#13 Dieldrin

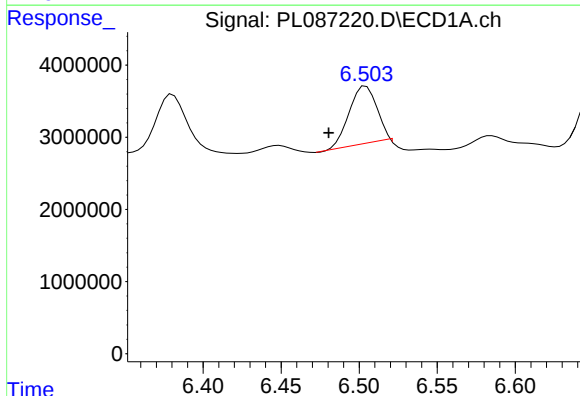
R.T.: 6.273 min
Delta R.T.: 0.021 min
Response: -2317085
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



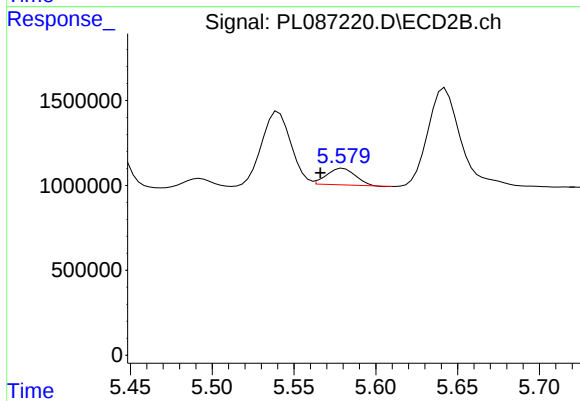
#13 Dieldrin

R.T.: 5.295 min
Delta R.T.: 0.004 min
Response: 5914711
Conc: 2.66 ng/ml



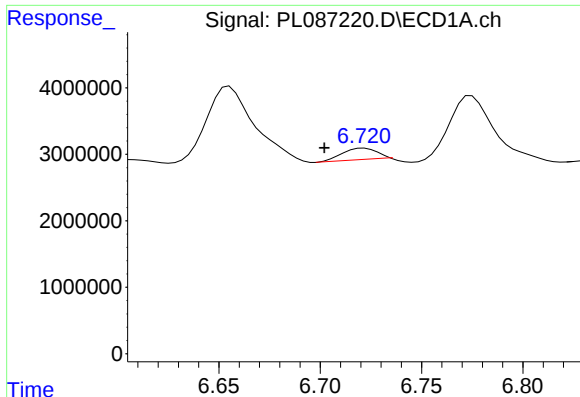
#14 Endrin

R.T.: 6.504 min
Delta R.T.: 0.024 min
Response: 9732342
Conc: 2.53 ng/ml



#14 Endrin

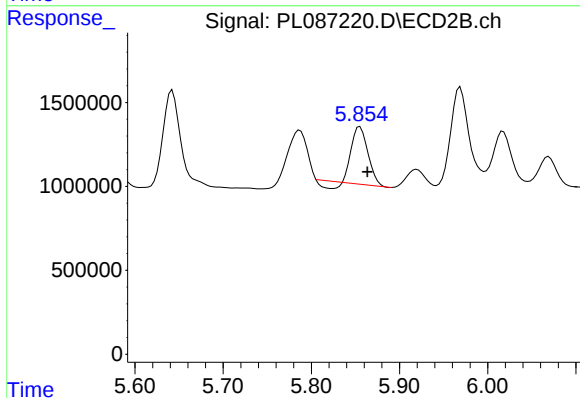
R.T.: 5.580 min
Delta R.T.: 0.014 min
Response: 1162812
Conc: 0.58 ng/ml



#15 Endosulfan II

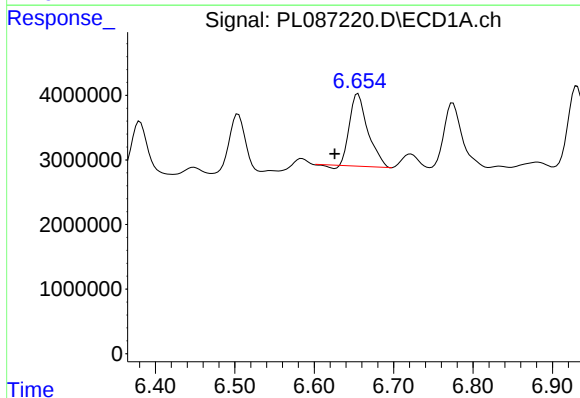
R.T.: 6.722 min
Delta R.T.: 0.020 min
Response: 1982536
Conc: 0.49 ng/ml

Instrument :
ECD_L
ClientSampleId :



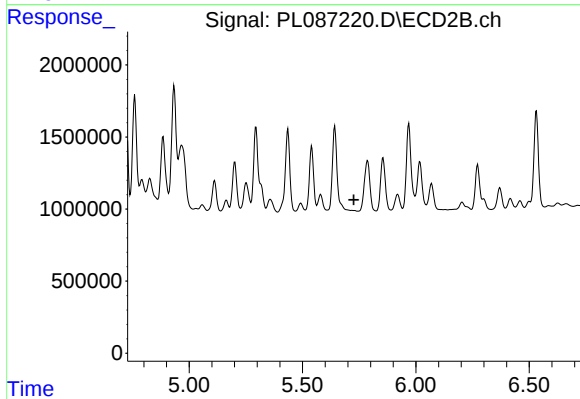
#15 Endosulfan II

R.T.: 5.855 min
Delta R.T.: -0.009 min
Response: 4117040
Conc: 2.11 ng/ml



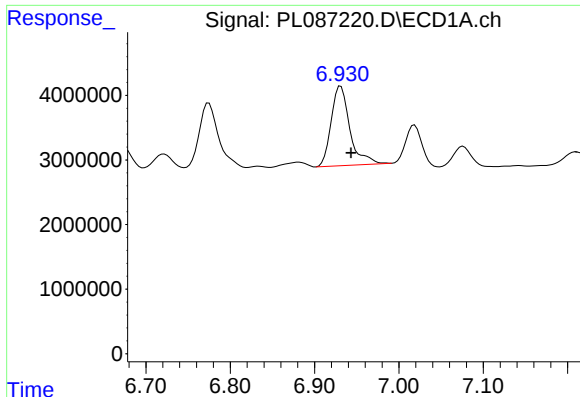
#16 4,4'-DDD

R.T.: 6.655 min
Delta R.T.: 0.029 min
Response: 17719599
Conc: 5.36 ng/ml



#16 4,4'-DDD

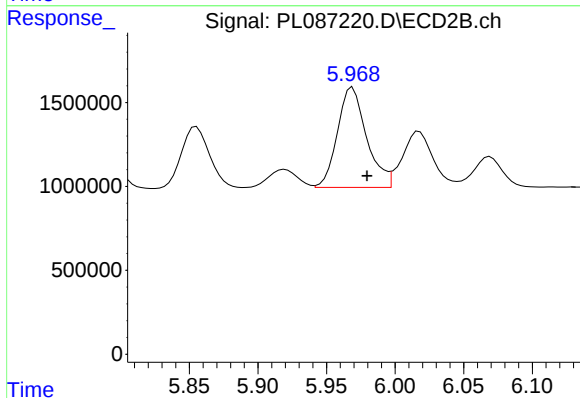
R.T.: 0.000 min
Exp R.T.: 5.727 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

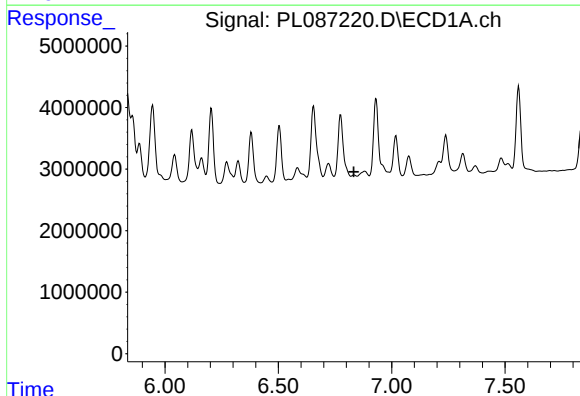
R.T.: 6.931 min
Delta R.T.: -0.012 min
Response: 18991521
Conc: 5.05 ng/ml

Instrument :
ECD_L
ClientSampleId :



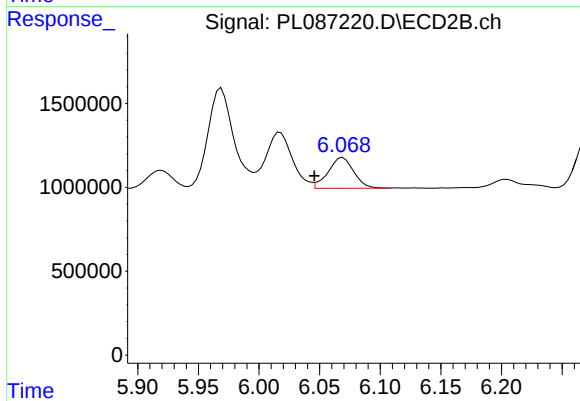
#17 4,4'-DDT

R.T.: 5.969 min
Delta R.T.: -0.011 min
Response: 8838304
Conc: 4.79 ng/ml



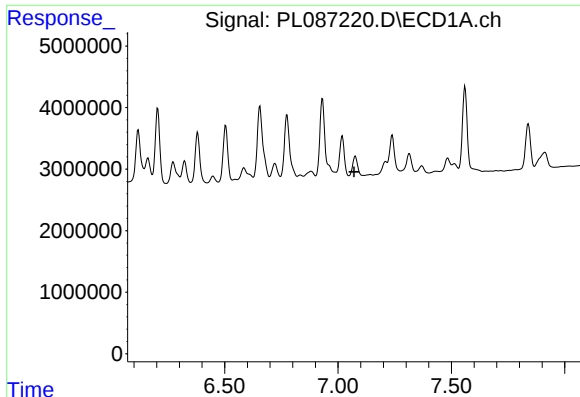
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.833 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

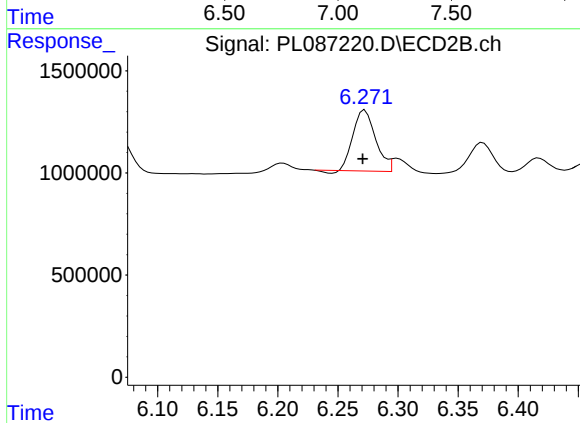
R.T.: 6.069 min
Delta R.T.: 0.023 min
Response: 2692423
Conc: 1.83 ng/ml



#19 Endosulfan Sulfate

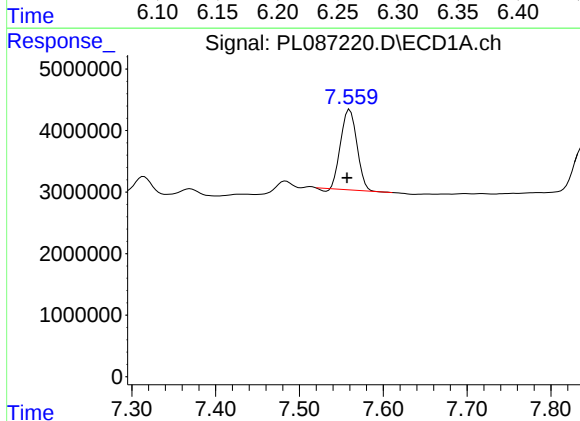
R.T.: 7.076 min
Delta R.T.: 0.006 min
Response: -1830577
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



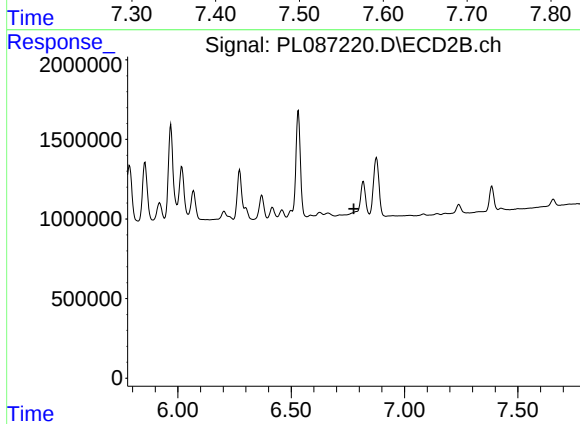
#19 Endosulfan Sulfate

R.T.: 6.273 min
Delta R.T.: 0.002 min
Response: 3852734
Conc: 2.05 ng/ml



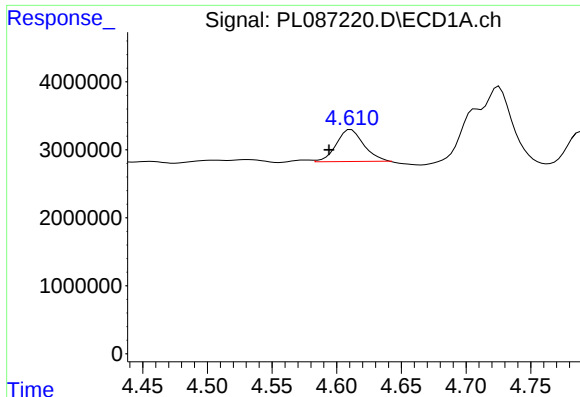
#21 Endrin ketone

R.T.: 7.560 min
Delta R.T.: 0.003 min
Response: 17307679
Conc: 4.25 ng/ml



#21 Endrin ketone

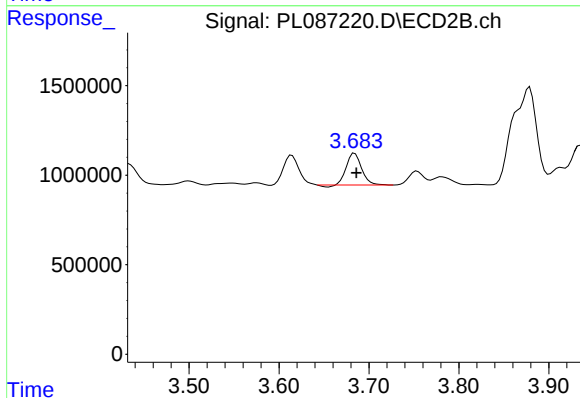
R.T.: 0.000 min
Exp R.T. : 6.776 min
Response: 0
Conc: N.D.



#23 Chlordane-1

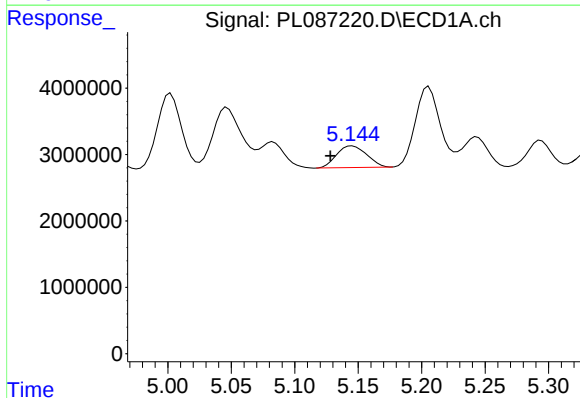
R.T.: 4.611 min
Delta R.T.: 0.017 min
Response: 6957379
Conc: 44.09 ng/ml

Instrument :
ECD_L
ClientSampleId :



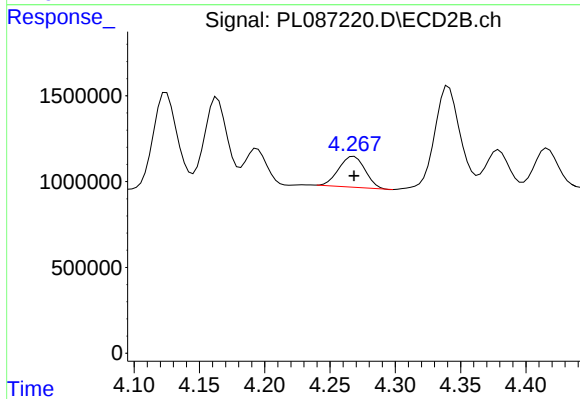
#23 Chlordane-1

R.T.: 3.684 min
Delta R.T.: -0.002 min
Response: 2062344
Conc: 33.25 ng/ml



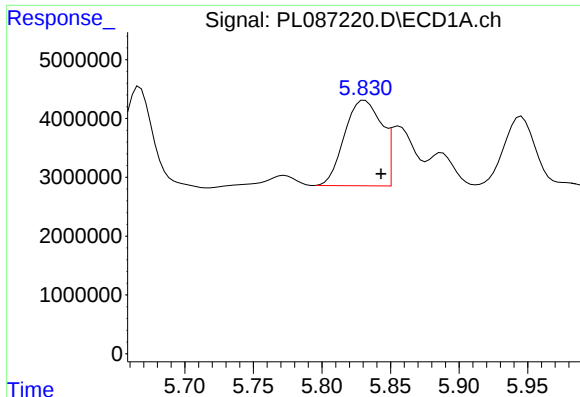
#24 Chlordane-2

R.T.: 5.145 min
Delta R.T.: 0.017 min
Response: 5379421
Conc: 30.88 ng/ml



#24 Chlordane-2

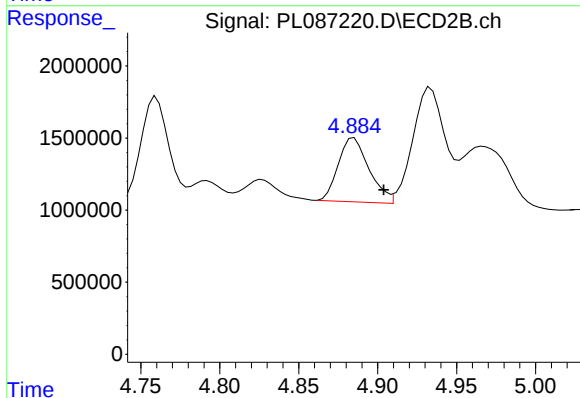
R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 2535354
Conc: 33.02 ng/ml



#25 Chlordane-3

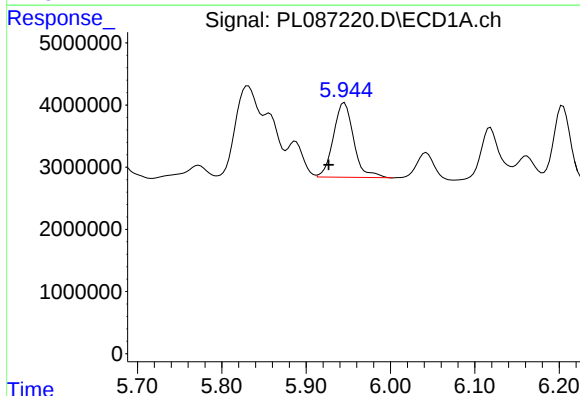
R.T.: 5.831 min
Delta R.T.: -0.012 min
Response: 27509506
Conc: 39.47 ng/ml

Instrument :
ECD_L
ClientSampleId :



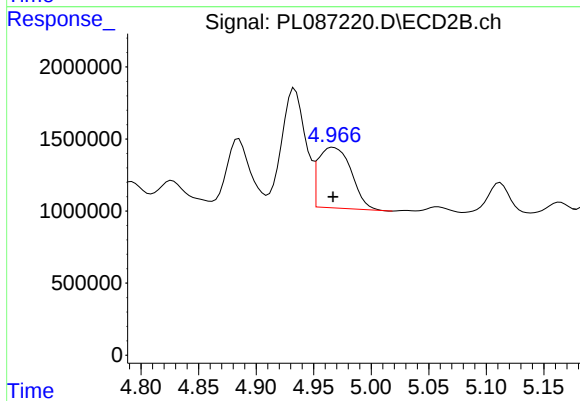
#25 Chlordane-3

R.T.: 4.885 min
Delta R.T.: -0.019 min
Response: 6033107
Conc: 27.29 ng/ml



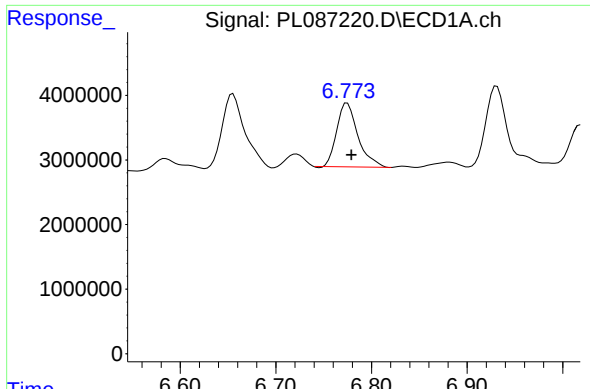
#26 Chlordane-4

R.T.: 5.945 min
Delta R.T.: 0.019 min
Response: 20017232
Conc: 23.41 ng/ml



#26 Chlordane-4

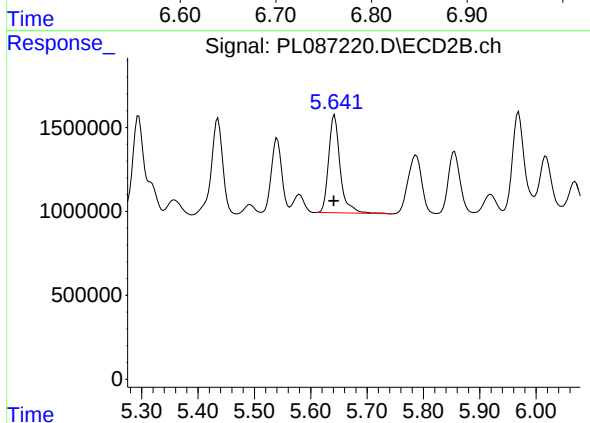
R.T.: 4.967 min
Delta R.T.: 0.000 min
Response: 8354458
Conc: 35.88 ng/ml



#27 Chlordane-5

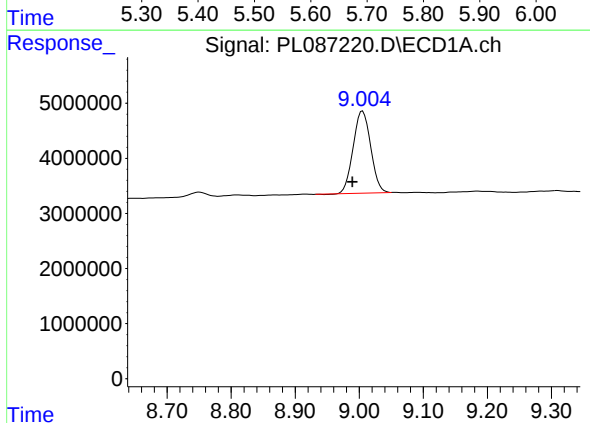
R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 15254594
Conc: 110.45 ng/ml

Instrument :
ECD_L
ClientSampleId :



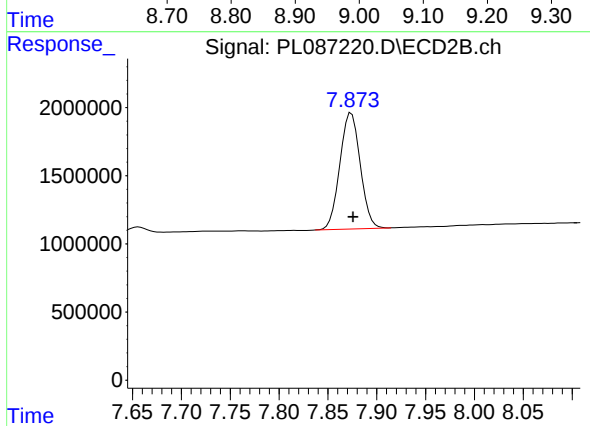
#27 Chlordane-5

R.T.: 5.642 min
Delta R.T.: 0.002 min
Response: 8335686
Conc: 128.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.005 min
Delta R.T.: 0.016 min
Response: 28362539
Conc: 8.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.874 min
Delta R.T.: -0.002 min
Response: 12384743
Conc: 7.33 ng/ml