

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022224\
 Data File : PL088217.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Feb 2024 14:38
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 20:58:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 2024
 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...	3.640	2.854	53345246	27187637	19.421	19.385
28)	SA Decachlor...	9.308	8.088	47934651	28243971	24.889	22.182
Target Compounds							
2)	A alpha-BHC	4.104	3.369	37161915	18546312	8.903	9.026
3)	MA gamma-BHC...	4.442	3.707	36265240	17447815	8.955	8.713
4)	MA Heptachlor	0.000	4.059	0	45685	N.D.	0.025 #
5)	MB Aldrin	0.000	4.351	0	128997	N.D.	0.067 #
6)	B beta-BHC	4.639	4.008	18112355	9089406	10.400	10.212
7)	B delta-BHC	0.000	4.240	0	75111	N.D.	0.038 #
8)	B Heptachlo...	5.815	4.833f	677717	10854	0.193	0.006 #
9)	A Endosulfan I	6.183f	5.232	643400	78855	0.206	0.049 #
10)	B gamma-Chl...	0.000	5.123f	0	176743	N.D.	0.099 #
11)	B alpha-Chl...	6.183f	5.179	643400	37402	0.189	0.021 #
12)	B 4,4'-DDE	0.000	5.368	0	191539	N.D.	0.121 #
13)	MA Dieldrin	0.000	5.506	0	23027	N.D.	0.013 #
14)	MA Endrin	6.724	5.778	126.6E6	72355858	48.680	48.394
15)	B Endosulfa...	6.960f	6.094f	2730975	406742	0.954	0.267 #
16)	A 4,4'-DDD	6.859	5.930	1647586	1058888	0.635	0.775
17)	MA 4,4'-DDT	7.177	6.183	268.3E6	152.4E6	102.060	111.638
18)	B Endrin al...	7.076	6.258	2153027	1777496	1.041	1.627 #
19)	B Endosulfa...	0.000	6.472	0	23086	N.D.	0.016 #
20)	A Methoxychlor	7.657	6.766	358.8E6	201.5E6	271.030	257.095
21)	B Endrin ke...	7.804	6.996	5358006	3936523	1.913	2.351
23)	Chlordane-1	0.000	3.870	0	18432	N.D.	0.358 #
24)	Chlordane-2	0.000	4.464	0	40508	N.D.	0.638 #
25)	Chlordane-3	0.000	5.123	0	176743	N.D.	0.949 #
26)	Chlordane-4	6.183f	5.179	643400	37402	1.048	0.216 #
27)	Chlordane-5	7.008	5.828f	151340	122994	1.495	2.325 #

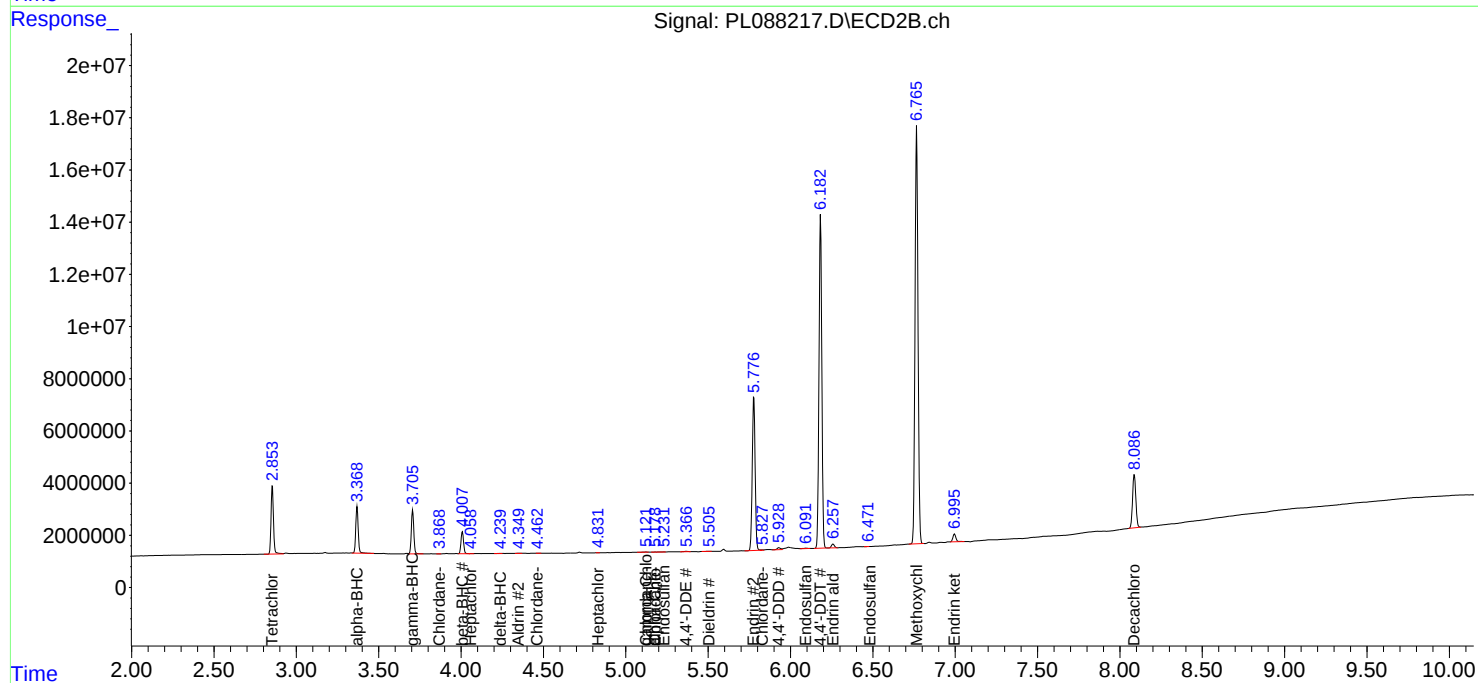
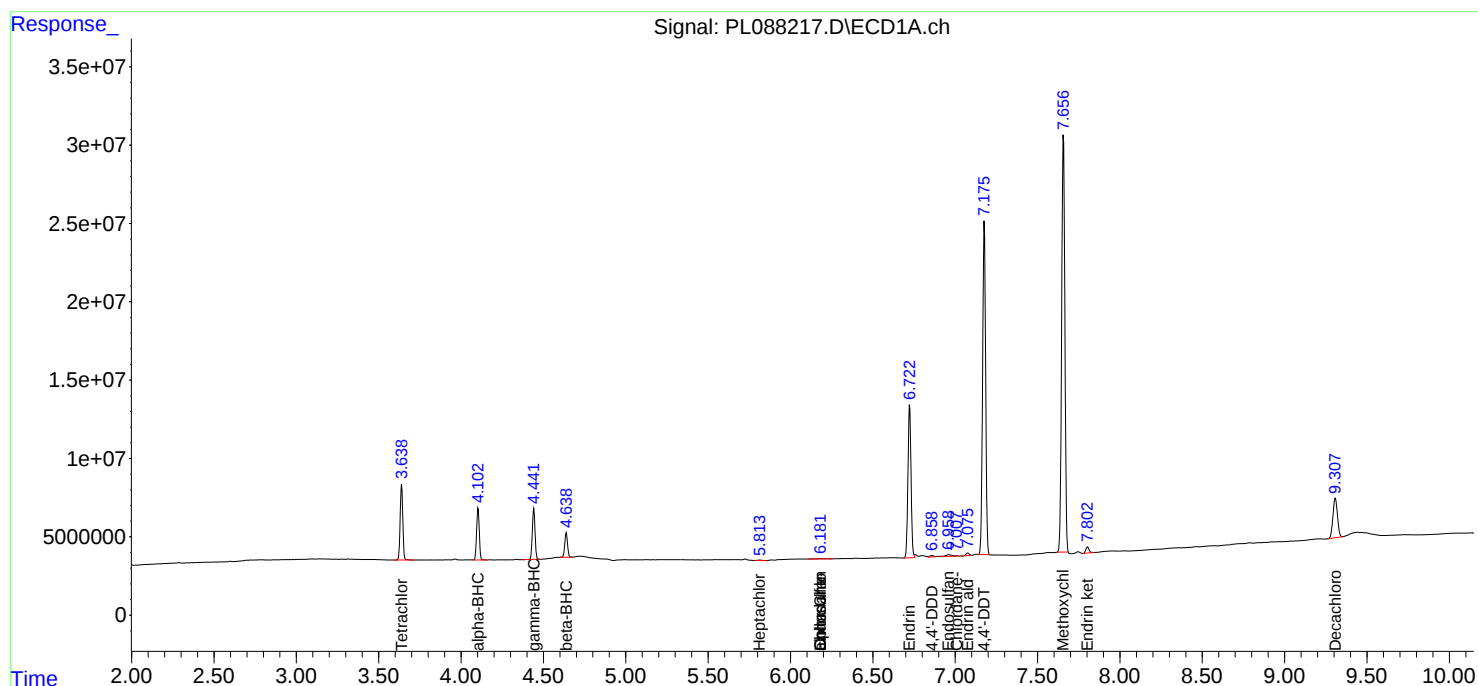
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

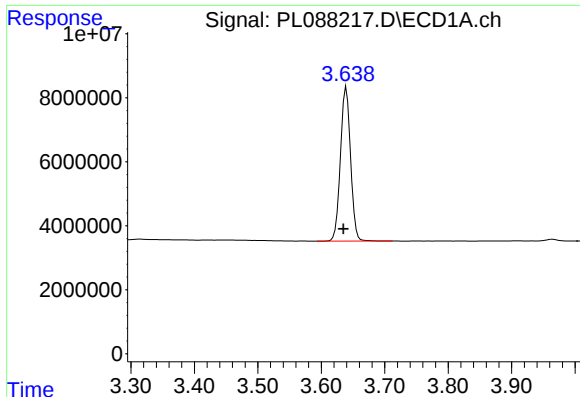
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022224\
Data File : PL088217.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Feb 2024 14:38
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 20:58:18 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
Quant Title : GC Extractables
QLast Update : Fri Feb 16 21:46:54 2024
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

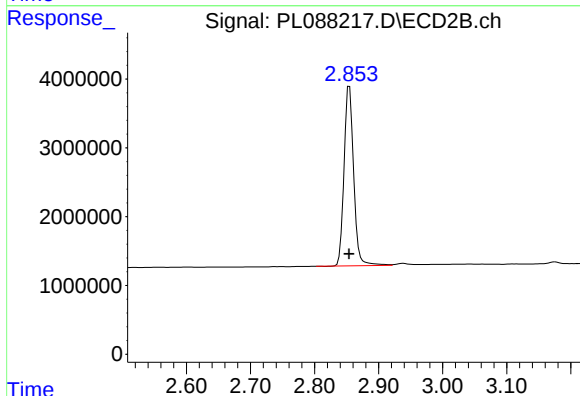




#1 Tetrachloro-m-xylene

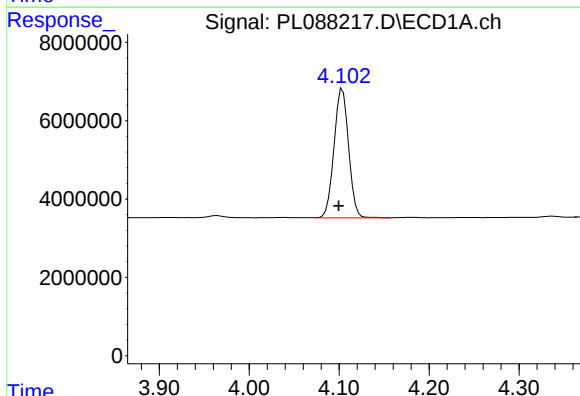
R.T.: 3.640 min
Delta R.T.: 0.005 min
Response: 53345246
Conc: 19.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



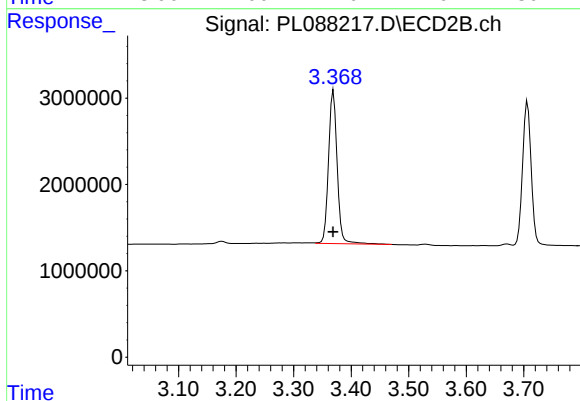
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: 0.000 min
Response: 27187637
Conc: 19.38 ng/ml



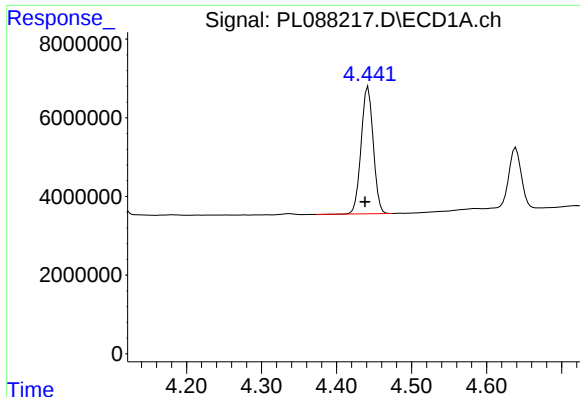
#2 alpha-BHC

R.T.: 4.104 min
Delta R.T.: 0.004 min
Response: 37161915
Conc: 8.90 ng/ml



#2 alpha-BHC

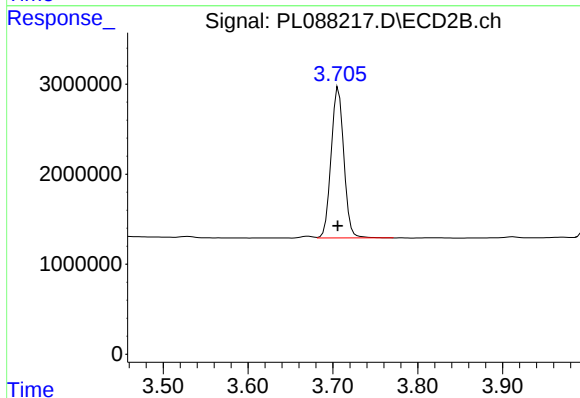
R.T.: 3.369 min
Delta R.T.: 0.000 min
Response: 18546312
Conc: 9.03 ng/ml



#3 gamma-BHC (Lindane)

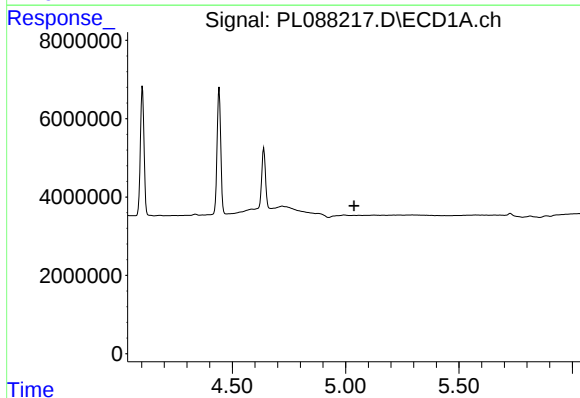
R.T.: 4.442 min
Delta R.T.: 0.004 min
Response: 36265240
Conc: 8.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



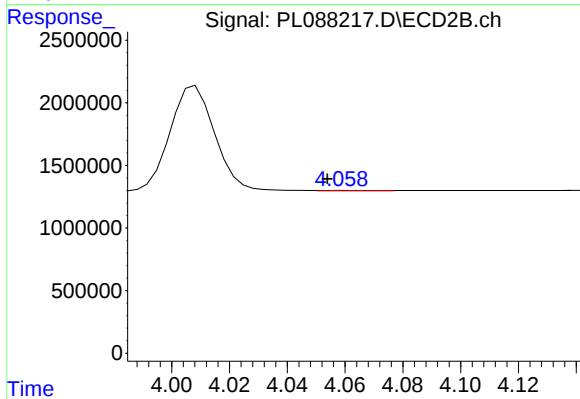
#3 gamma-BHC (Lindane)

R.T.: 3.707 min
Delta R.T.: 0.000 min
Response: 17447815
Conc: 8.71 ng/ml



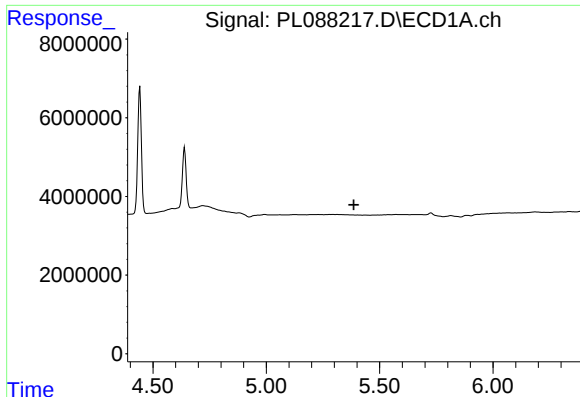
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 5.038 min
Response: 0
Conc: N.D.



#4 Heptachlor

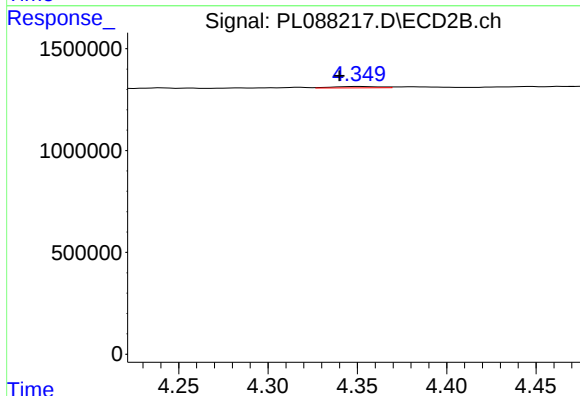
R.T.: 4.059 min
Delta R.T.: 0.005 min
Response: 45685
Conc: 0.03 ng/ml



#5 Aldrin

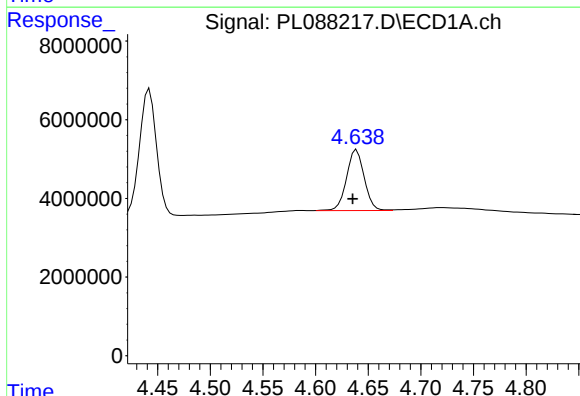
R.T.: 0.000 min
Exp R.T.: 5.386 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



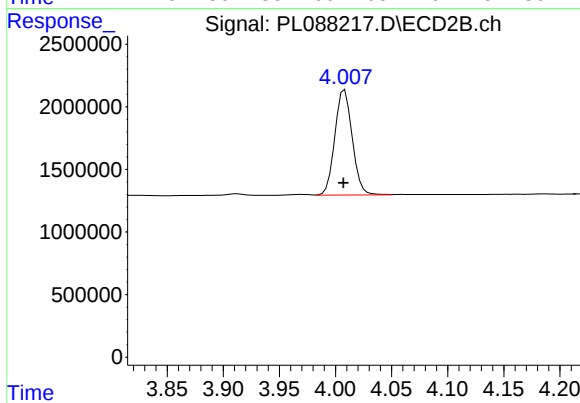
#5 Aldrin

R.T.: 4.351 min
Delta R.T.: 0.011 min
Response: 128997
Conc: 0.07 ng/ml



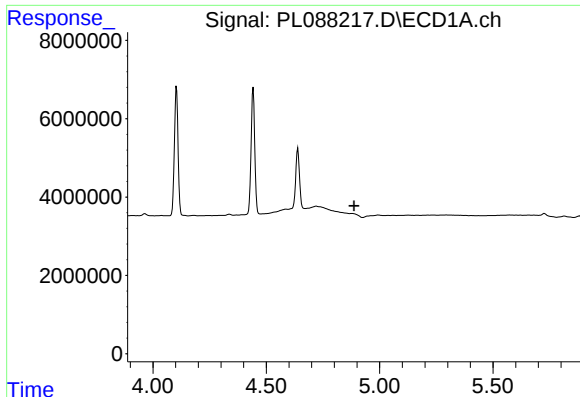
#6 beta-BHC

R.T.: 4.639 min
Delta R.T.: 0.004 min
Response: 18112355
Conc: 10.40 ng/ml



#6 beta-BHC

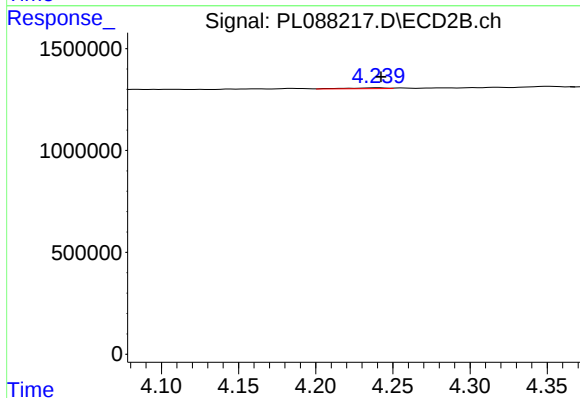
R.T.: 4.008 min
Delta R.T.: 0.001 min
Response: 9089406
Conc: 10.21 ng/ml



#7 delta-BHC

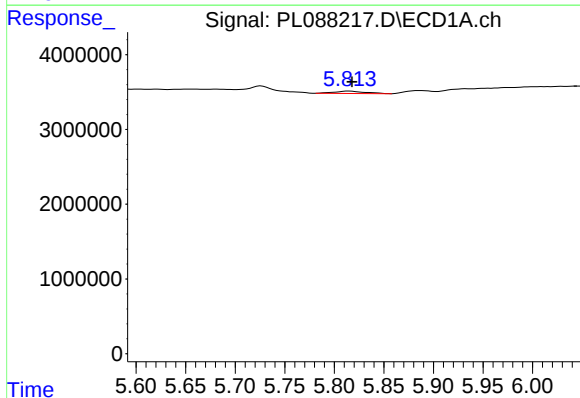
R.T.: 0.000 min
Exp R.T.: 4.887 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



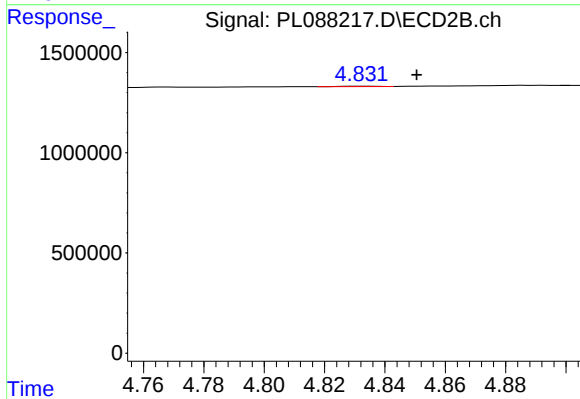
#7 delta-BHC

R.T.: 4.240 min
Delta R.T.: -0.002 min
Response: 75111
Conc: 0.04 ng/ml



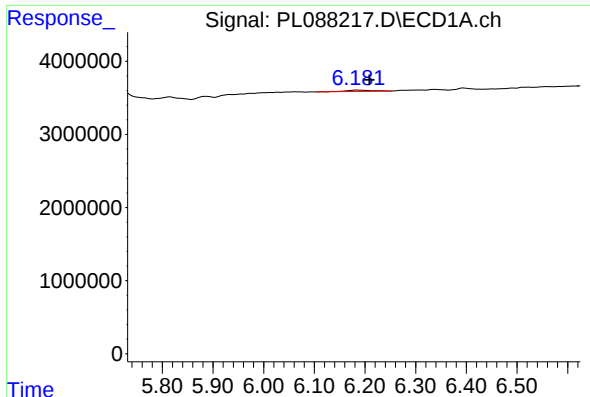
#8 Heptachlor epoxide

R.T.: 5.815 min
Delta R.T.: -0.003 min
Response: 677717
Conc: 0.19 ng/ml



#8 Heptachlor epoxide

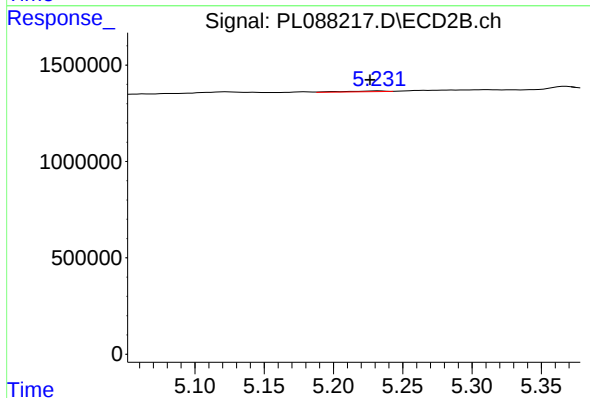
R.T.: 4.833 min
Delta R.T.: -0.018 min
Response: 10854
Conc: 0.01 ng/ml



#9 Endosulfan I

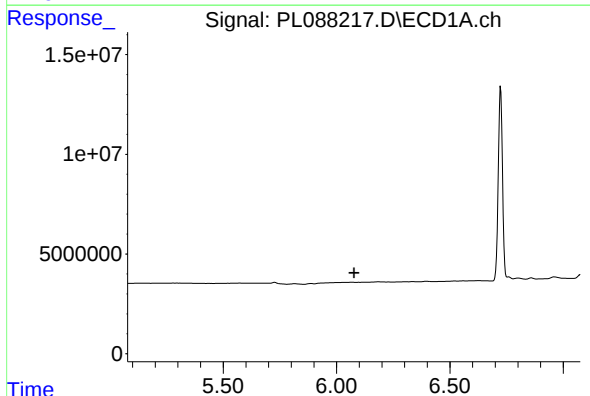
R.T.: 6.183 min
Delta R.T.: -0.025 min
Response: 643400
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



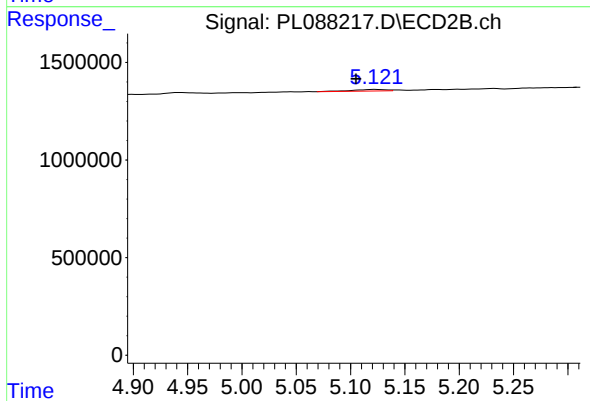
#9 Endosulfan I

R.T.: 5.232 min
Delta R.T.: 0.006 min
Response: 78855
Conc: 0.05 ng/ml



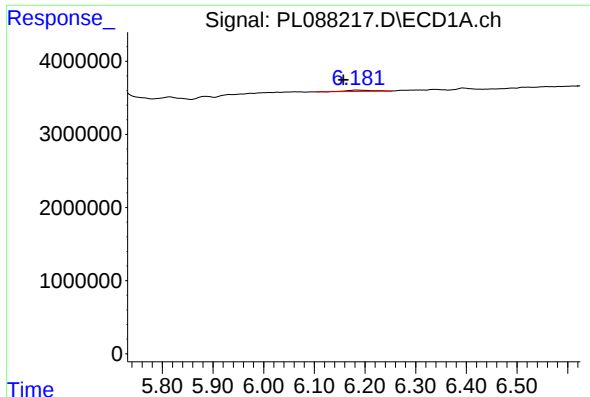
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 6.077 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

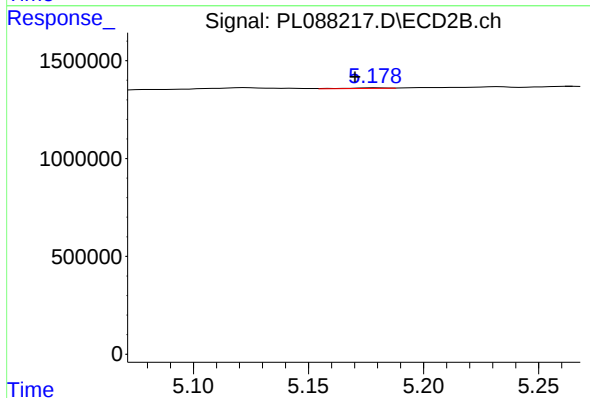
R.T.: 5.123 min
Delta R.T.: 0.018 min
Response: 176743
Conc: 0.10 ng/ml



#11 alpha-Chlordane

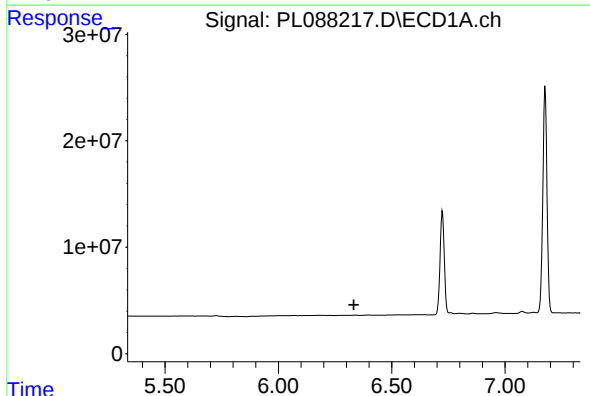
R.T.: 6.183 min
Delta R.T.: 0.026 min
Response: 643400
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



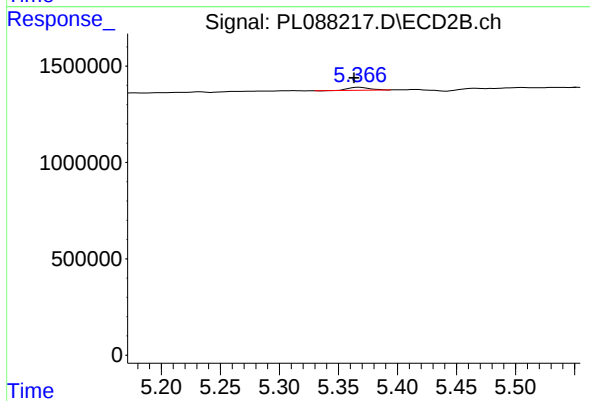
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: 0.009 min
Response: 37402
Conc: 0.02 ng/ml



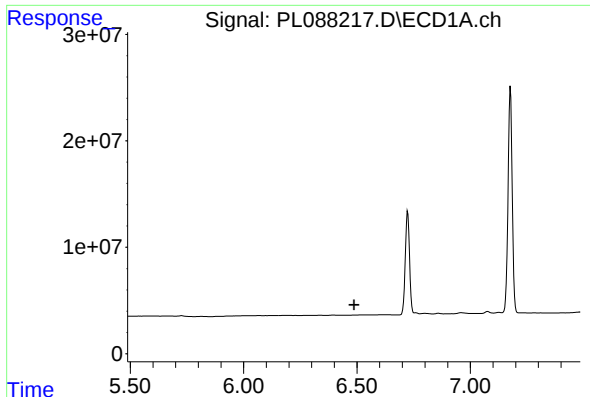
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.332 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

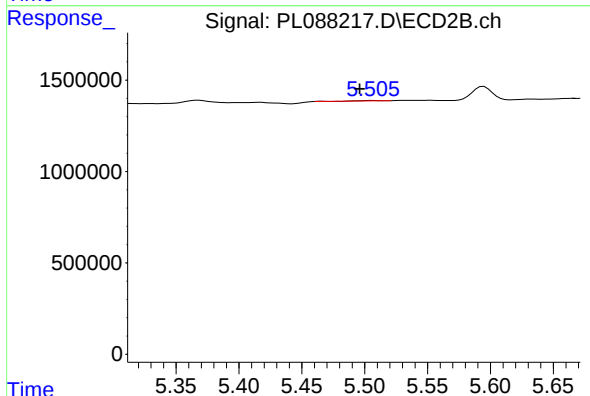
R.T.: 5.368 min
Delta R.T.: 0.004 min
Response: 191539
Conc: 0.12 ng/ml



#13 Dieldrin

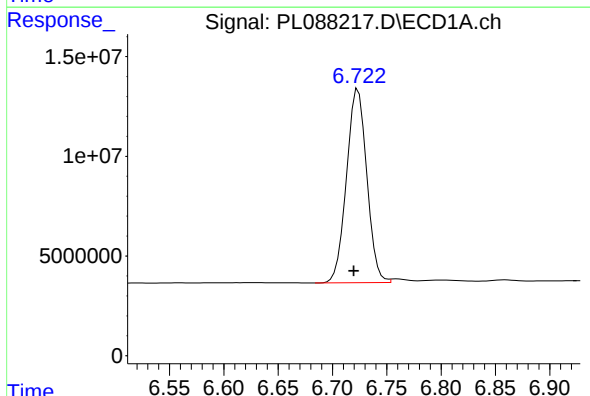
R.T.: 0.000 min
Exp R.T.: 6.488 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



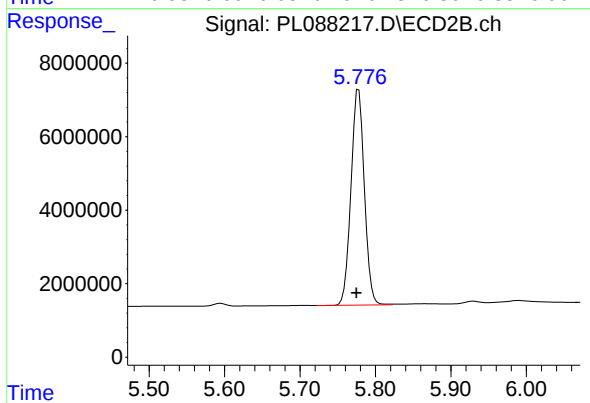
#13 Dieldrin

R.T.: 5.506 min
Delta R.T.: 0.010 min
Response: 23027
Conc: 0.01 ng/ml



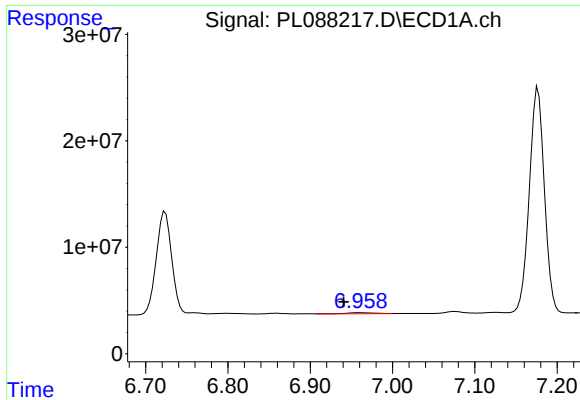
#14 Endrin

R.T.: 6.724 min
Delta R.T.: 0.004 min
Response: 126598015
Conc: 48.68 ng/ml



#14 Endrin

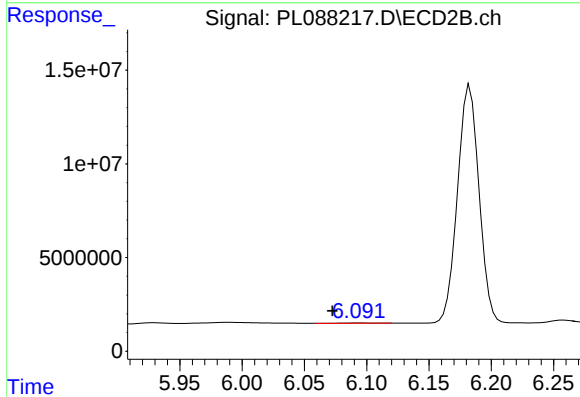
R.T.: 5.778 min
Delta R.T.: 0.003 min
Response: 72355858
Conc: 48.39 ng/ml



#15 Endosulfan II

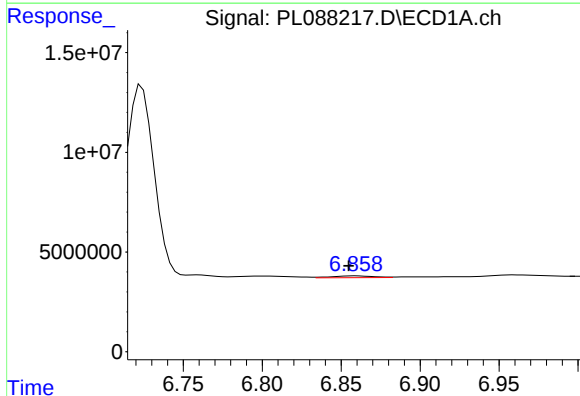
R.T.: 6.960 min
Delta R.T.: 0.019 min
Response: 2730975
Conc: 0.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



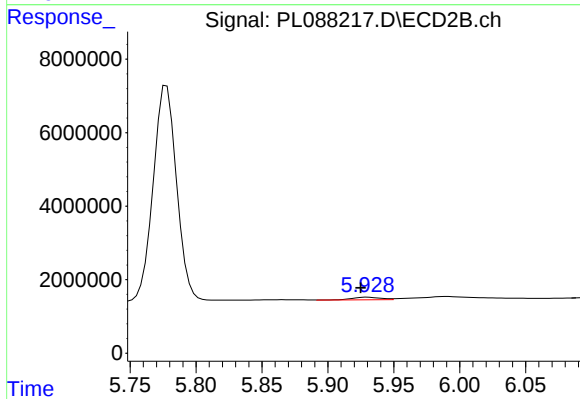
#15 Endosulfan II

R.T.: 6.094 min
Delta R.T.: 0.022 min
Response: 406742
Conc: 0.27 ng/ml



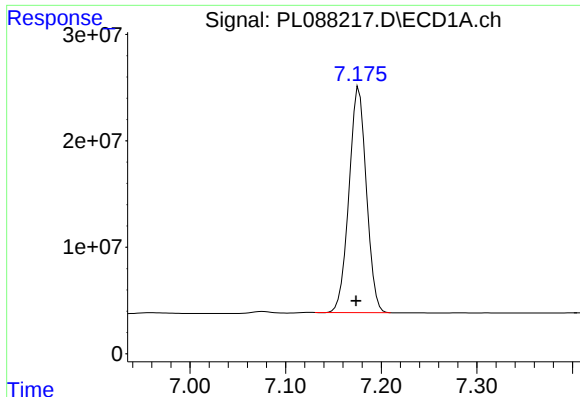
#16 4,4'-DDD

R.T.: 6.859 min
Delta R.T.: 0.004 min
Response: 1647586
Conc: 0.64 ng/ml



#16 4,4'-DDD

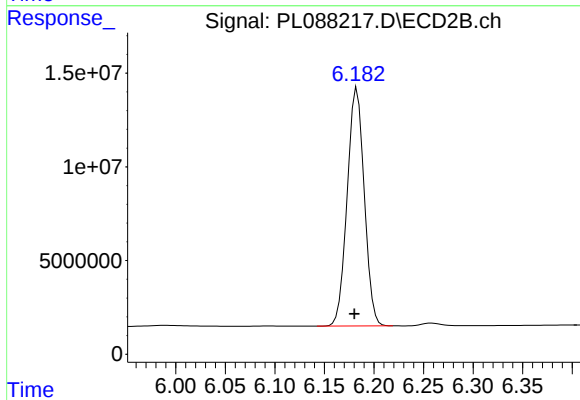
R.T.: 5.930 min
Delta R.T.: 0.005 min
Response: 1058888
Conc: 0.78 ng/ml



#17 4,4'-DDT

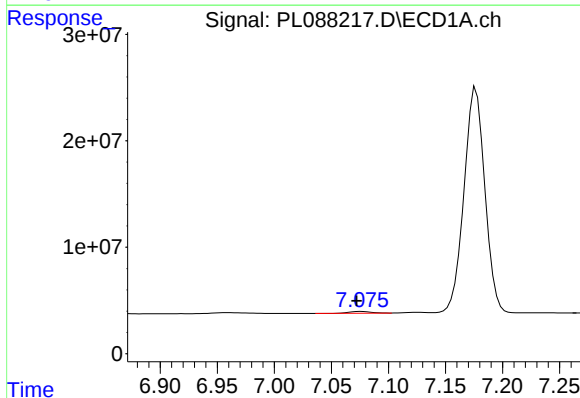
R.T.: 7.177 min
Delta R.T.: 0.003 min
Response: 268336930
Conc: 102.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



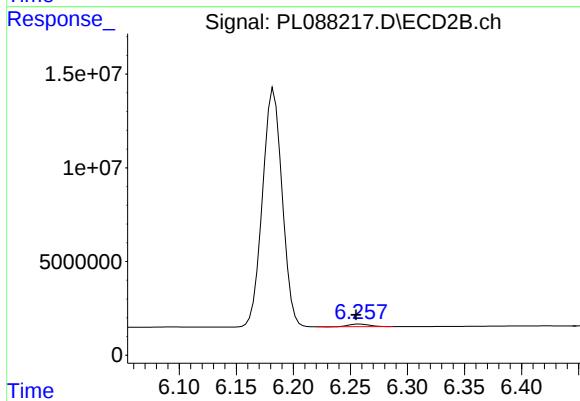
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: 0.003 min
Response: 152412049
Conc: 111.64 ng/ml



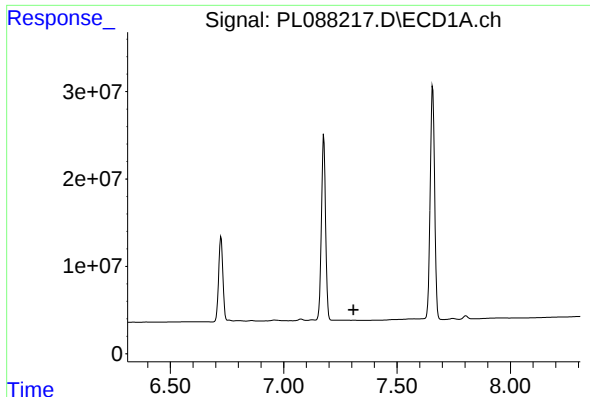
#18 Endrin aldehyde

R.T.: 7.076 min
Delta R.T.: 0.004 min
Response: 2153027
Conc: 1.04 ng/ml



#18 Endrin aldehyde

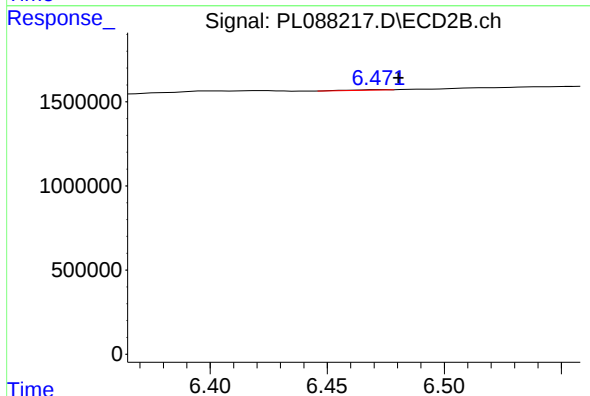
R.T.: 6.258 min
Delta R.T.: 0.003 min
Response: 1777496
Conc: 1.63 ng/ml



#19 Endosulfan Sulfate

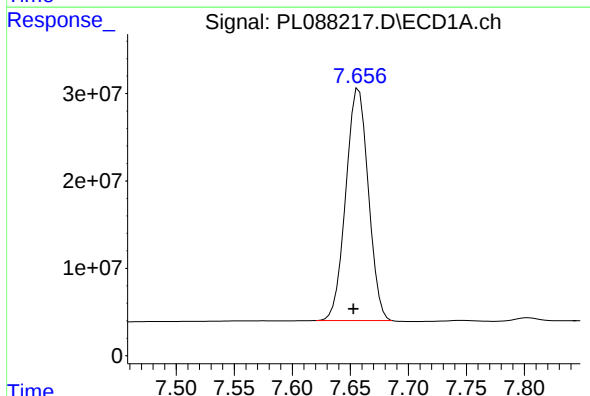
R.T.: 0.000 min
Exp R.T.: 7.309 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



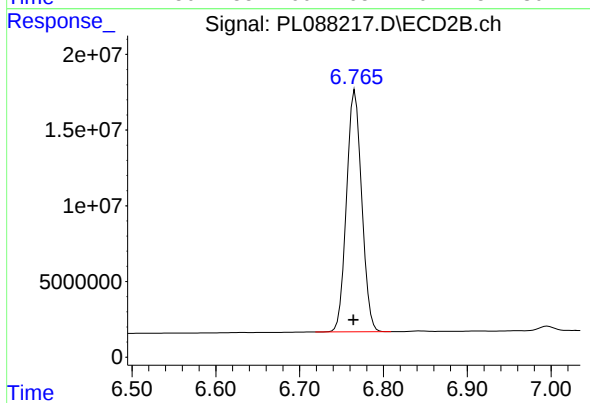
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.008 min
Response: 23086
Conc: 0.02 ng/ml



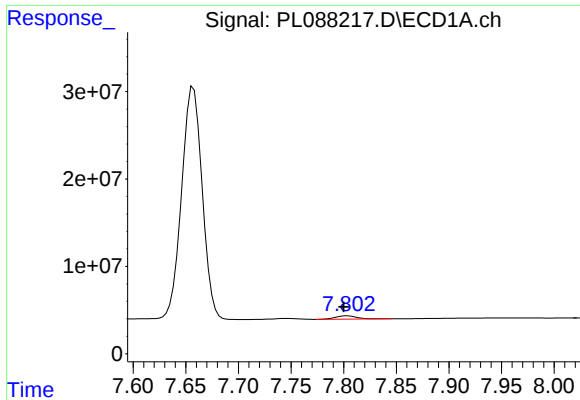
#20 Methoxychlor

R.T.: 7.657 min
Delta R.T.: 0.005 min
Response: 358765248
Conc: 271.03 ng/ml



#20 Methoxychlor

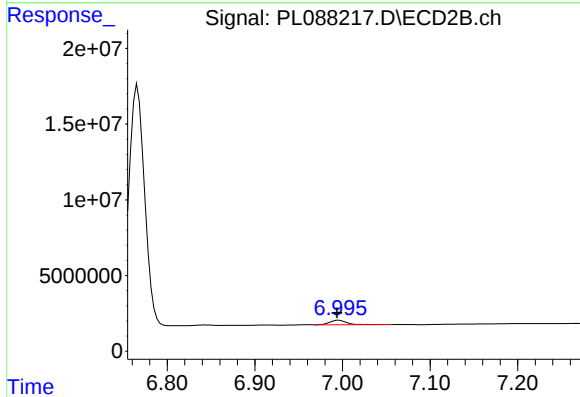
R.T.: 6.766 min
Delta R.T.: 0.002 min
Response: 201500119
Conc: 257.10 ng/ml



#21 Endrin ketone

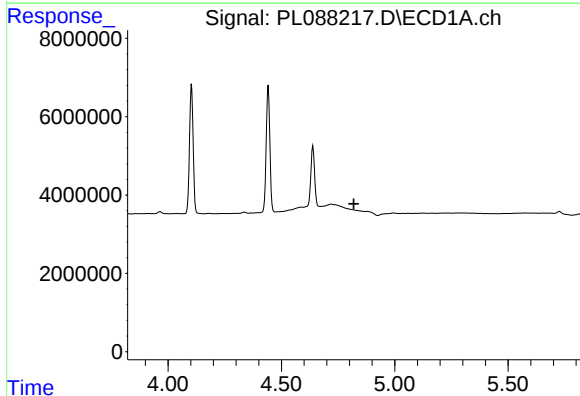
R.T.: 7.804 min
Delta R.T.: 0.004 min
Response: 5358006
Conc: 1.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



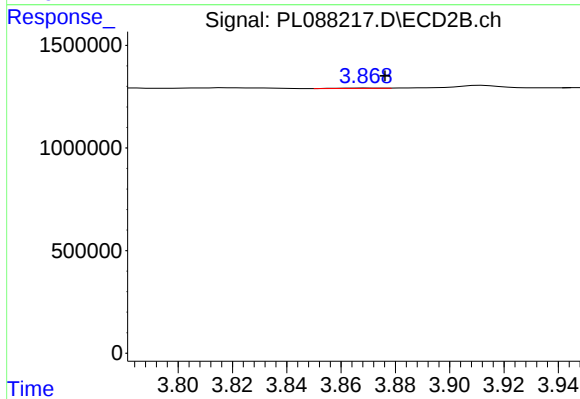
#21 Endrin ketone

R.T.: 6.996 min
Delta R.T.: 0.002 min
Response: 3936523
Conc: 2.35 ng/ml



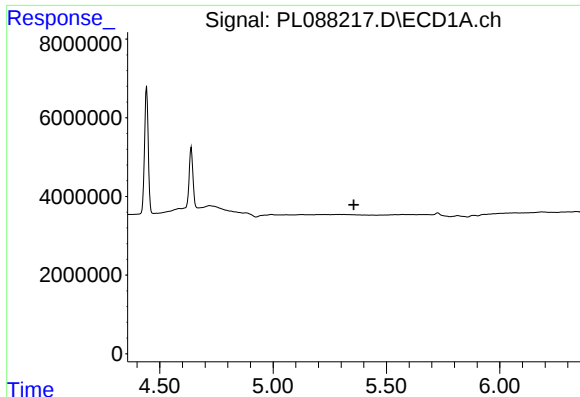
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.820 min
Response: 0
Conc: N.D.



#23 Chlordane-1

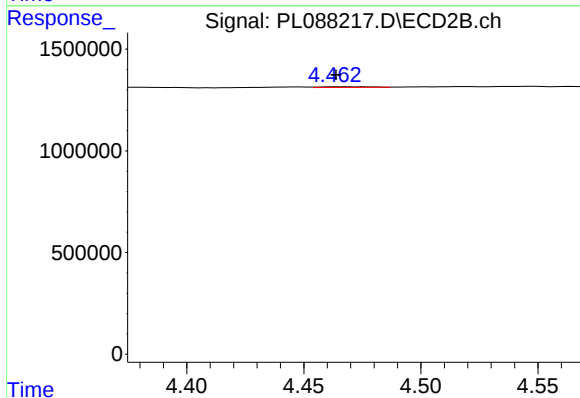
R.T.: 3.870 min
Delta R.T.: -0.006 min
Response: 18432
Conc: 0.36 ng/ml



#24 Chlordane-2

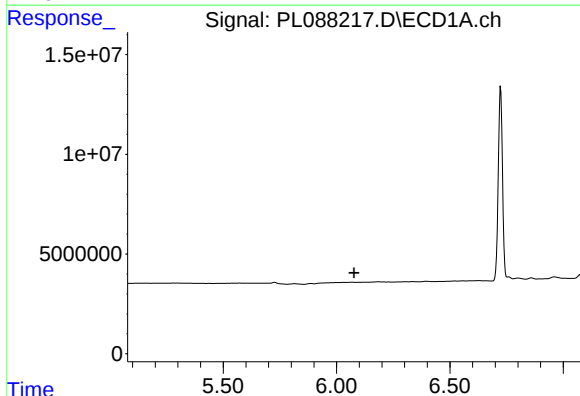
R.T.: 0.000 min
Exp R.T.: 5.357 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



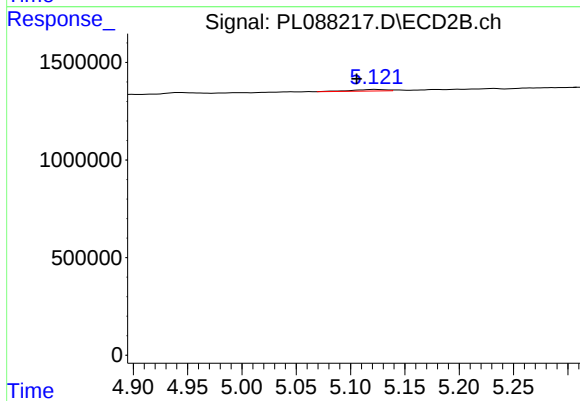
#24 Chlordane-2

R.T.: 4.464 min
Delta R.T.: 0.000 min
Response: 40508
Conc: 0.64 ng/ml



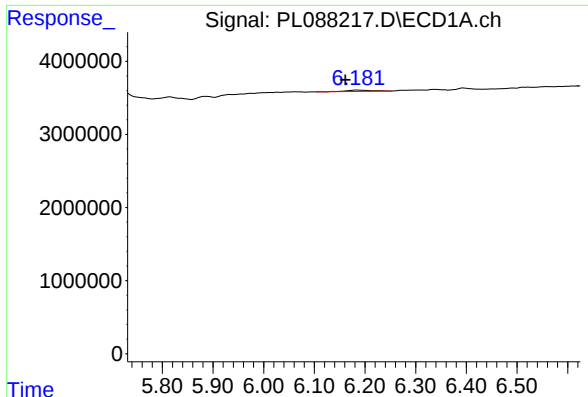
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T.: 6.077 min
Response: 0
Conc: N.D.



#25 Chlordane-3

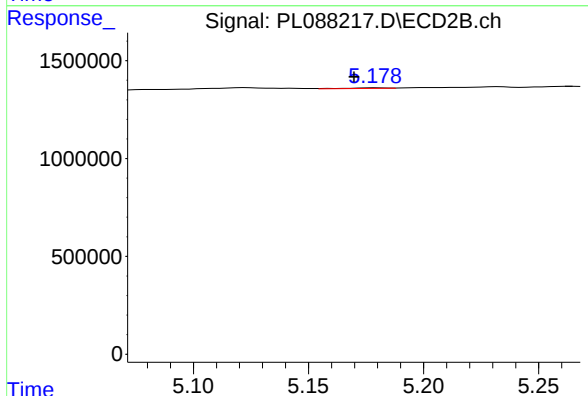
R.T.: 5.123 min
Delta R.T.: 0.017 min
Response: 176743
Conc: 0.95 ng/ml



#26 Chlordane-4

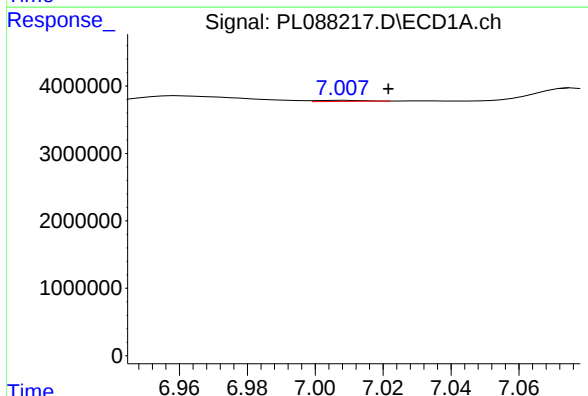
R.T.: 6.183 min
Delta R.T.: 0.022 min
Response: 643400
Conc: 1.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



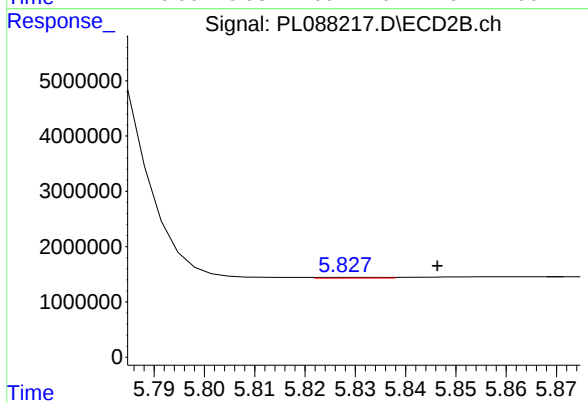
#26 Chlordane-4

R.T.: 5.179 min
Delta R.T.: 0.009 min
Response: 37402
Conc: 0.22 ng/ml



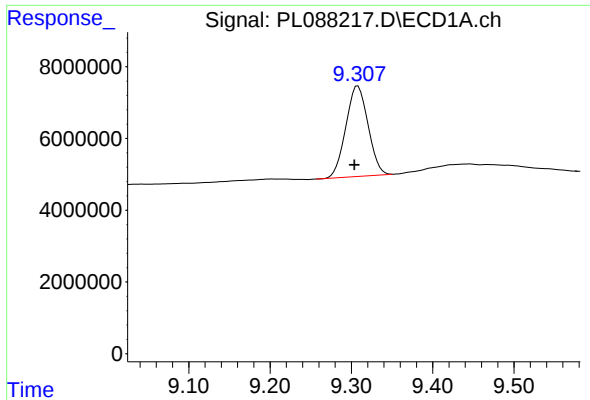
#27 Chlordane-5

R.T.: 7.008 min
Delta R.T.: -0.013 min
Response: 151340
Conc: 1.50 ng/ml



#27 Chlordane-5

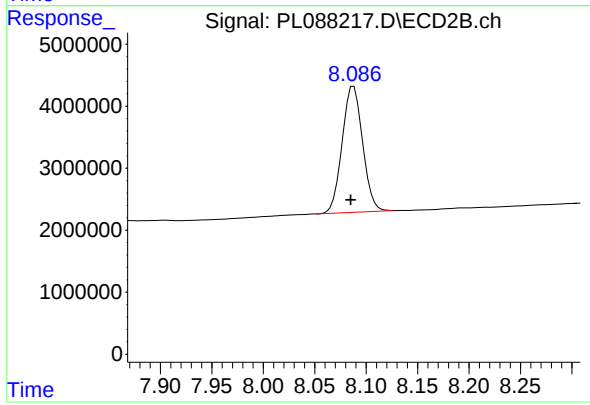
R.T.: 5.828 min
Delta R.T.: -0.018 min
Response: 122994
Conc: 2.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.308 min
Delta R.T.: 0.004 min
Response: 47934651
Conc: 24.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.088 min
Delta R.T.: 0.003 min
Response: 28243971
Conc: 22.18 ng/ml