

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051324\
 Data File : PL089497.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2024 09:48
 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: May 14 04:34:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 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...	3.551	2.798	43809006	28031490	21.756	21.848
28)	SA Decachlor...	9.065	7.946	29727246	27997115	21.249	20.813
Target Compounds							
2)	A alpha-BHC	4.006	3.302	32148598	18683003	11.273	9.901
3)	MA gamma-BHC...	4.338	3.633	30511249	17742964	10.960	9.615
4)	MA Heptachlor	4.904f	3.993f	228579	11323	0.092	0.006 #
5)	MB Aldrin	5.259	4.264	102022	104650	0.040	0.059 #
6)	B beta-BHC	4.533	3.930	14833596	9377109	11.758	11.485
7)	B delta-BHC	4.763f	4.159	339610	64975	0.128	0.036 #
8)	B Heptachlo...	5.683	4.733f	416296	10943	0.177	0.007 #
9)	A Endosulfan I	6.069	5.137	108699	164790	0.051	0.110 #
10)	B gamma-Chl...	5.952	5.016	175685	437201	0.077	0.266 #
11)	B alpha-Chl...	6.048f	5.077	189065	159204	0.083	0.097
12)	B 4,4'-DDE	6.203	5.262	1039419	407512	0.514	0.280 #
13)	MA Dieldrin	6.379f	5.405	846791	16243	0.378	0.010 #
14)	MA Endrin	6.585	5.669	80879389	68461632	42.695	47.620
15)	B Endosulfa...	6.822f	5.977	3325102	1147749	1.666	0.798 #
16)	A 4,4'-DDD	6.718	5.815	7459162	4224007	4.422	3.425
17)	MA 4,4'-DDT	7.033	6.067	150.6E6	141.5E6	81.903	104.569 #
18)	B Endrin al...	6.934	6.142	4405486	2914960	2.913	2.621
19)	B Endosulfa...	7.161	6.352	314638	131391	0.174	0.095 #
20)	A Methoxychlor	7.508	6.643	191.8E6	179.7E6	195.017	224.787
21)	B Endrin ke...	7.652	6.870	8417481	6411710	4.205	4.010
23)	Chlordane-1	4.714	3.786	-11643	16078	N.D.	0.327
24)	Chlordane-2	5.239	4.387	27394	64239	0.261	1.010 #
25)	Chlordane-3	5.952	5.016	175685	437201	0.532	2.553 #
26)	Chlordane-4	6.048	5.077	189065	159204	0.464	0.990 #
27)	Chlordane-5	6.876	5.743	169664	241439	2.039	4.718 #

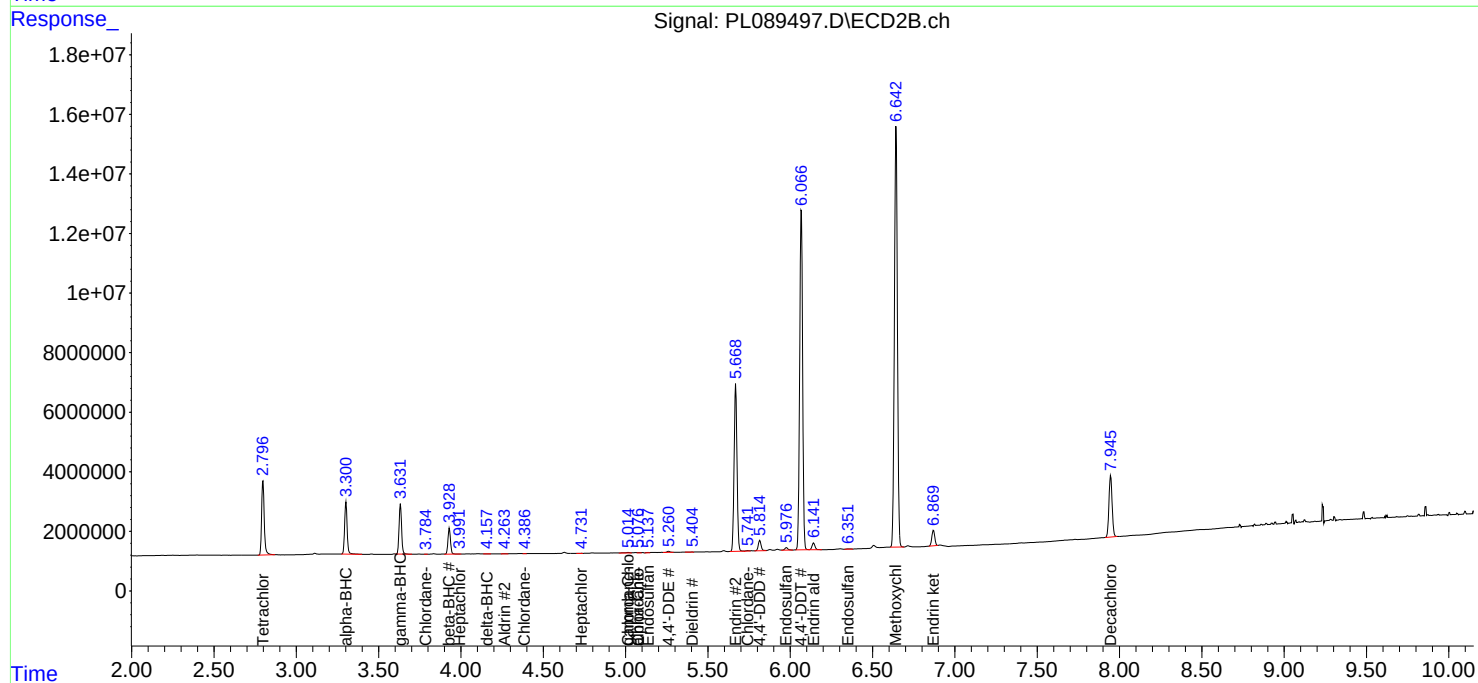
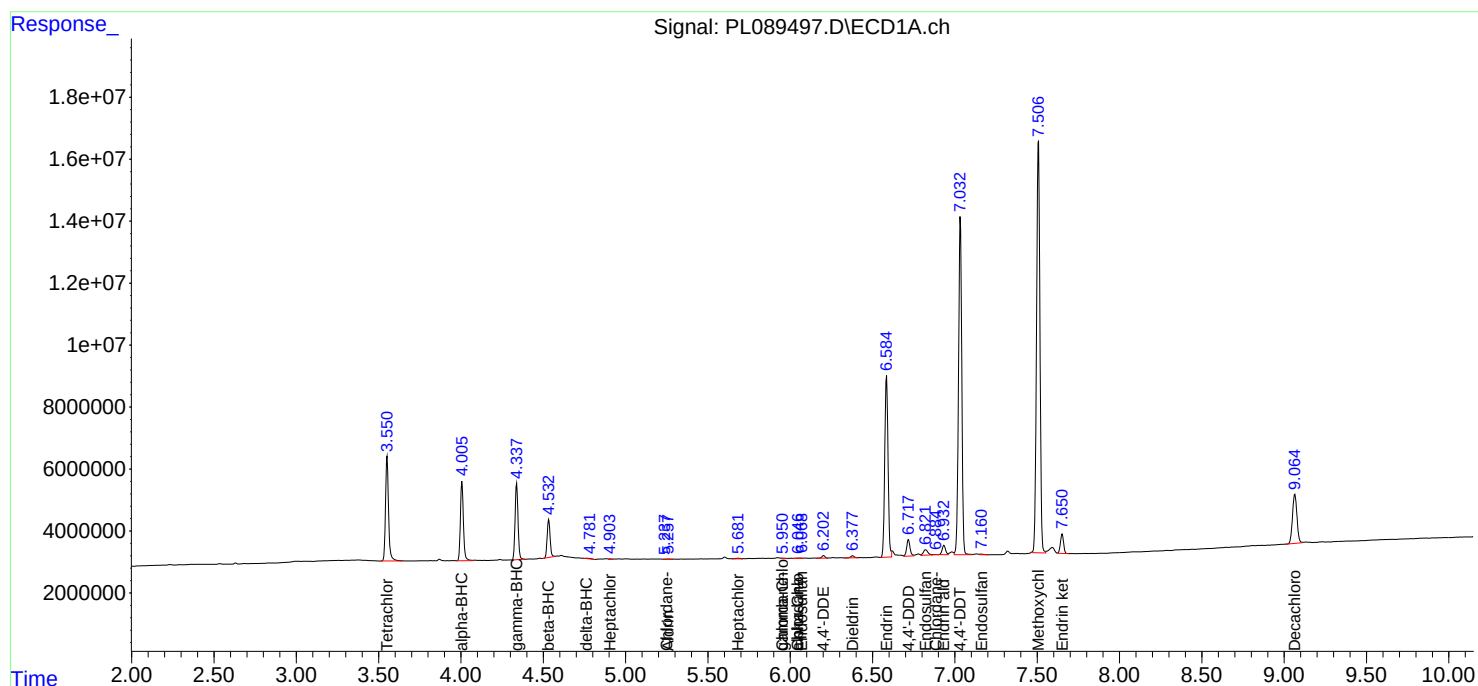
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

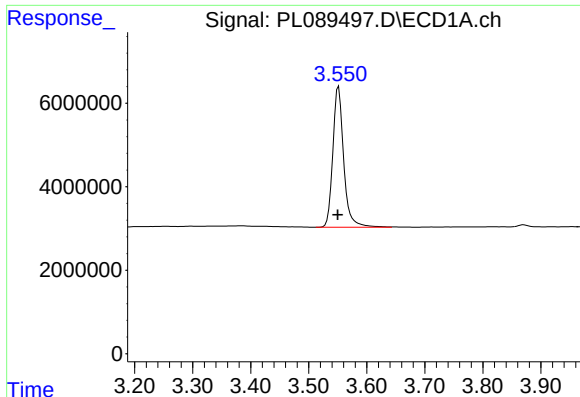
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051324\
Data File : PL089497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2024 09:48
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 14 04:34:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 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

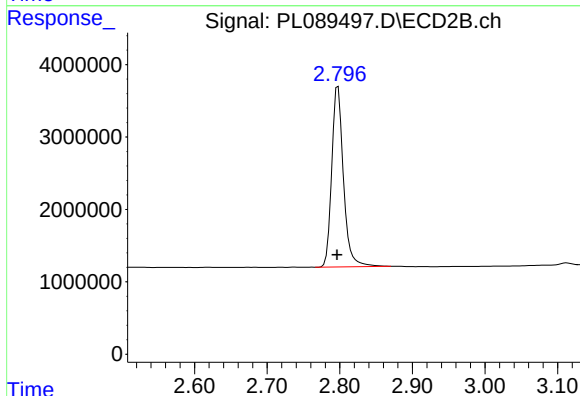




#1 Tetrachloro-m-xylene

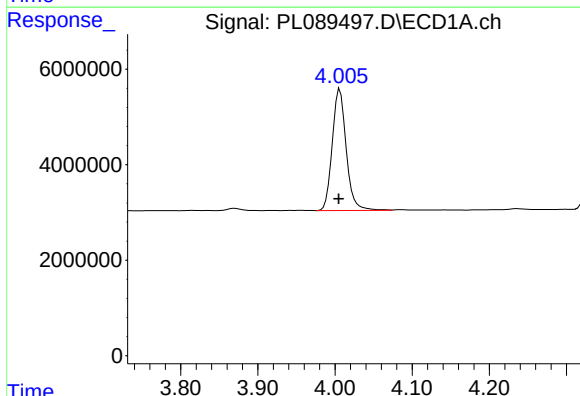
R.T.: 3.551 min
Delta R.T.: 0.001 min
Response: 43809006
Conc: 21.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



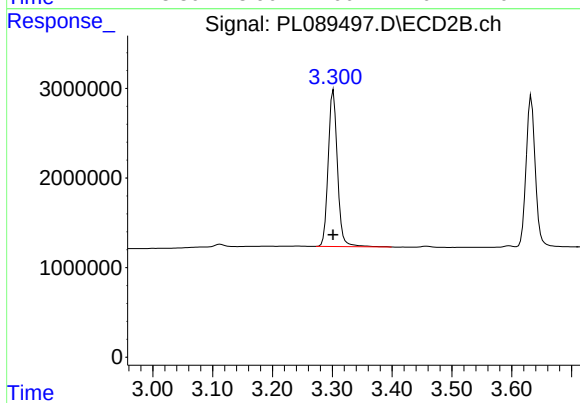
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.001 min
Response: 28031490
Conc: 21.85 ng/ml



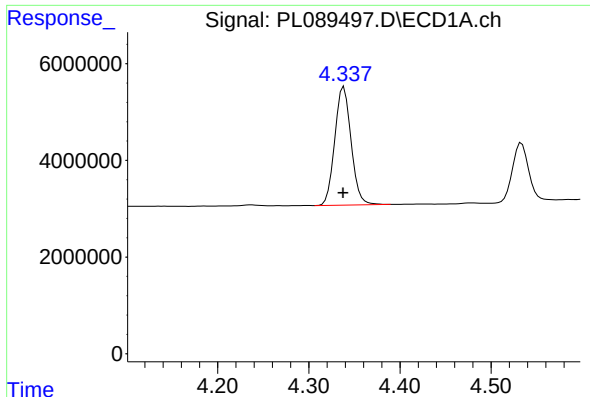
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.002 min
Response: 32148598
Conc: 11.27 ng/ml



#2 alpha-BHC

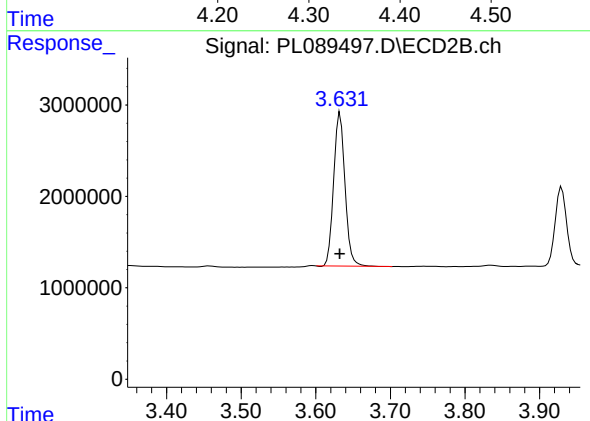
R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 18683003
Conc: 9.90 ng/ml



#3 gamma-BHC (Lindane)

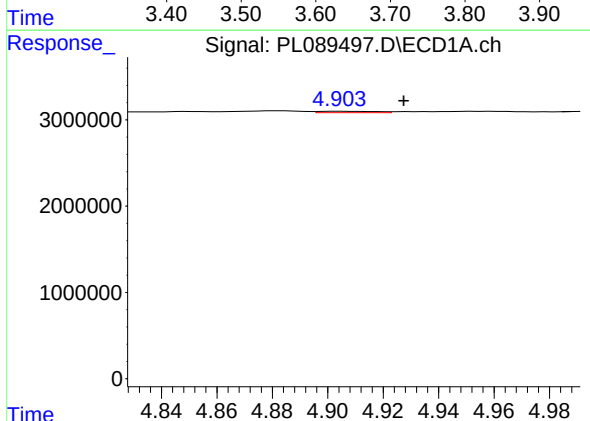
R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 30511249
Conc: 10.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



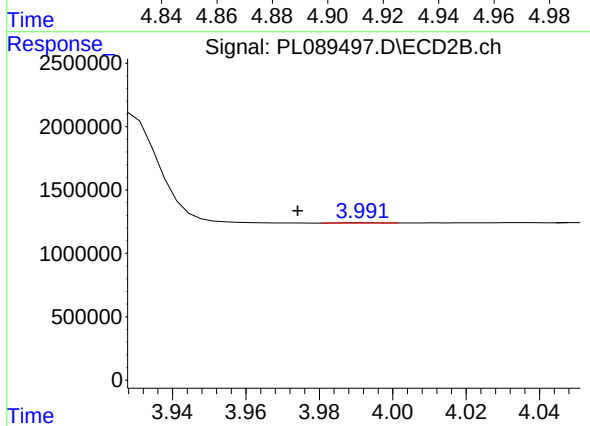
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 17742964
Conc: 9.62 ng/ml



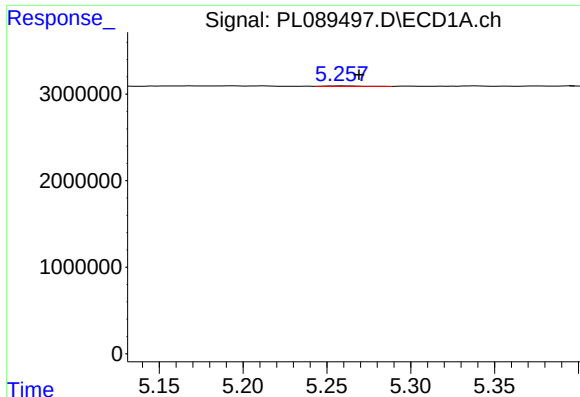
#4 Heptachlor

R.T.: 4.904 min
Delta R.T.: -0.023 min
Response: 228579
Conc: 0.09 ng/ml



#4 Heptachlor

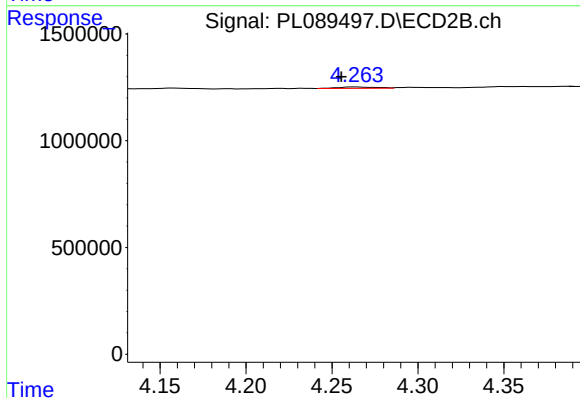
R.T.: 3.993 min
Delta R.T.: 0.018 min
Response: 11323
Conc: 0.01 ng/ml



#5 Aldrin

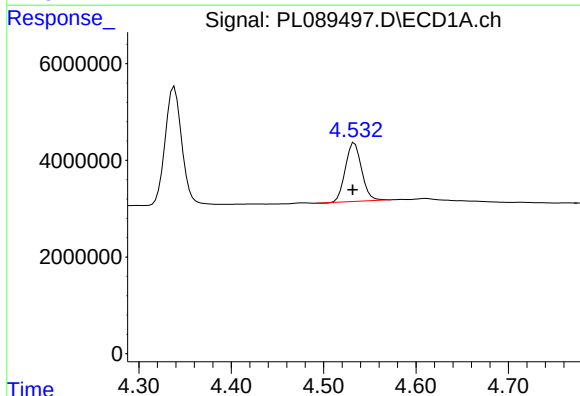
R.T.: 5.259 min
Delta R.T.: -0.011 min
Response: 102022
Conc: 0.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



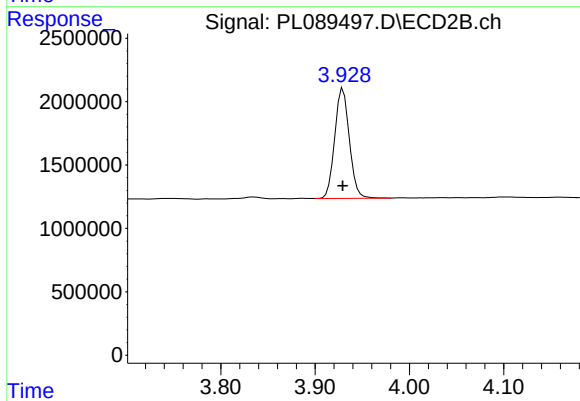
#5 Aldrin

R.T.: 4.264 min
Delta R.T.: 0.008 min
Response: 104650
Conc: 0.06 ng/ml



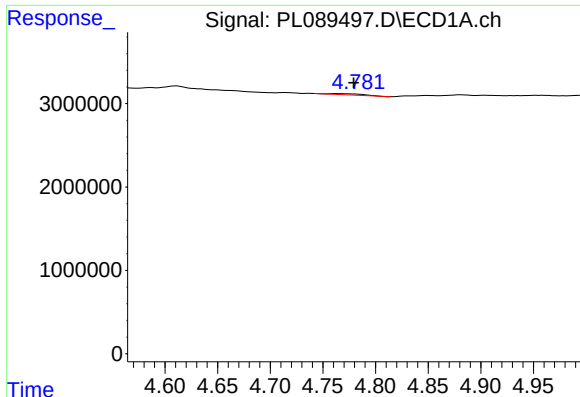
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.002 min
Response: 14833596
Conc: 11.76 ng/ml



#6 beta-BHC

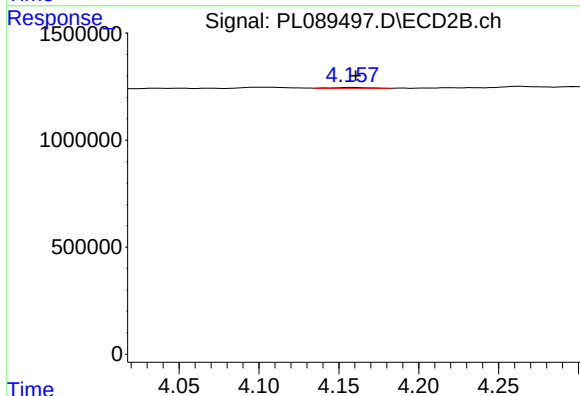
R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 9377109
Conc: 11.49 ng/ml



#7 delta-BHC

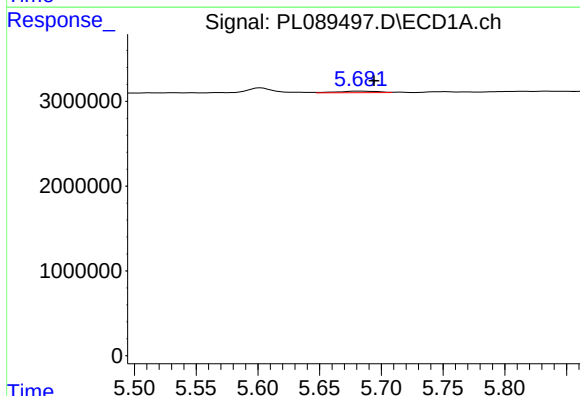
R.T.: 4.763 min
Delta R.T.: -0.016 min
Response: 339610
Conc: 0.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



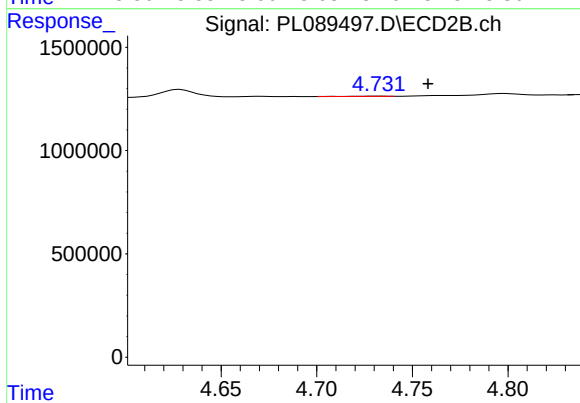
#7 delta-BHC

R.T.: 4.159 min
Delta R.T.: -0.002 min
Response: 64975
Conc: 0.04 ng/ml



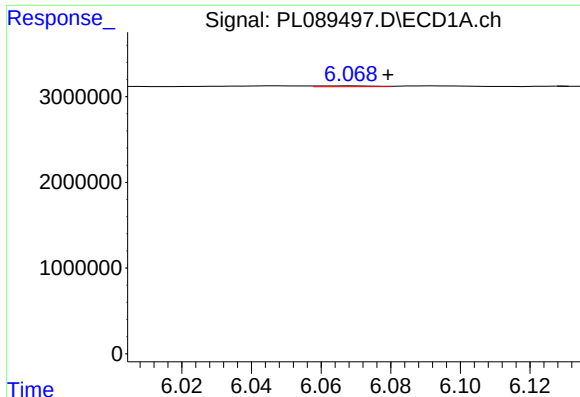
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.011 min
Response: 416296
Conc: 0.18 ng/ml



#8 Heptachlor epoxide

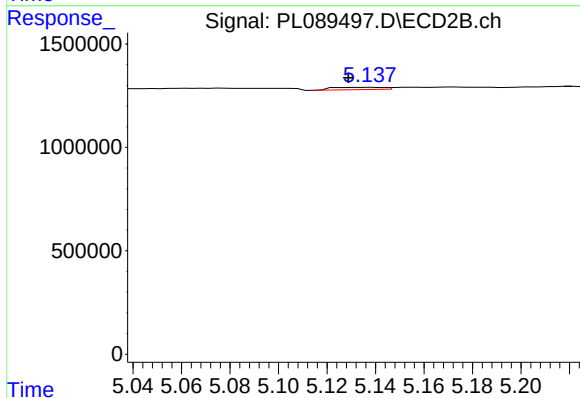
R.T.: 4.733 min
Delta R.T.: -0.025 min
Response: 10943
Conc: 0.01 ng/ml



#9 Endosulfan I

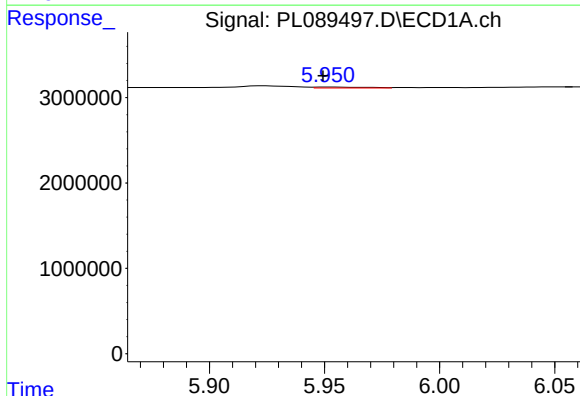
R.T.: 6.069 min
Delta R.T.: -0.010 min
Response: 108699
Conc: 0.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



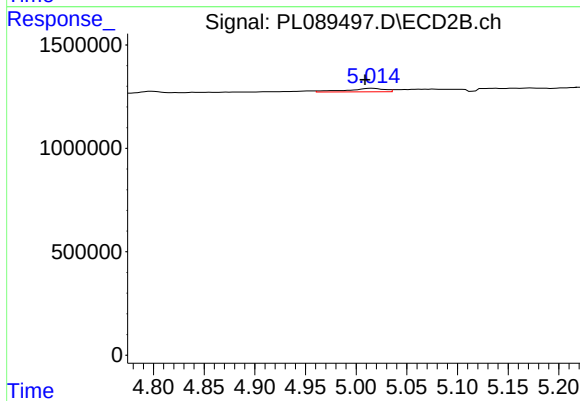
#9 Endosulfan I

R.T.: 5.137 min
Delta R.T.: 0.009 min
Response: 164790
Conc: 0.11 ng/ml



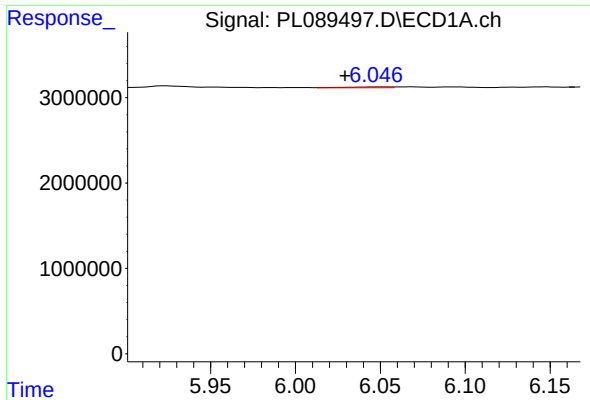
#10 gamma-Chlordane

R.T.: 5.952 min
Delta R.T.: 0.002 min
Response: 175685
Conc: 0.08 ng/ml



#10 gamma-Chlordane

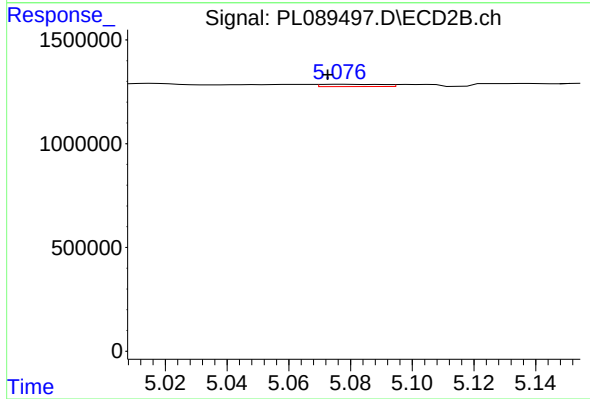
R.T.: 5.016 min
Delta R.T.: 0.007 min
Response: 437201
Conc: 0.27 ng/ml



#11 alpha-Chlordane

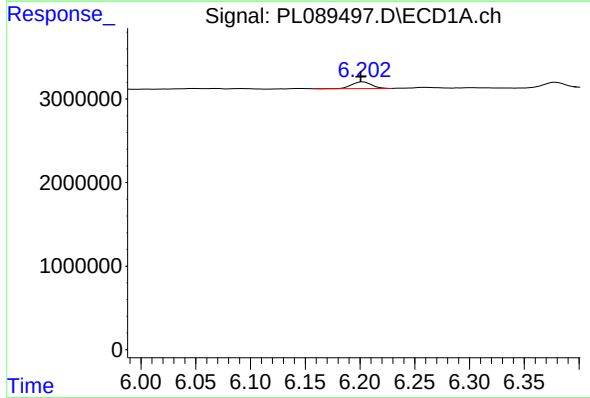
R.T.: 6.048 min
Delta R.T.: 0.019 min
Response: 189065
Conc: 0.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



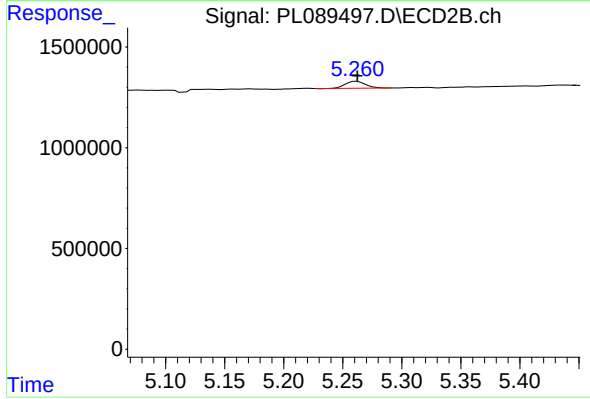
#11 alpha-Chlordane

R.T.: 5.077 min
Delta R.T.: 0.004 min
Response: 159204
Conc: 0.10 ng/ml



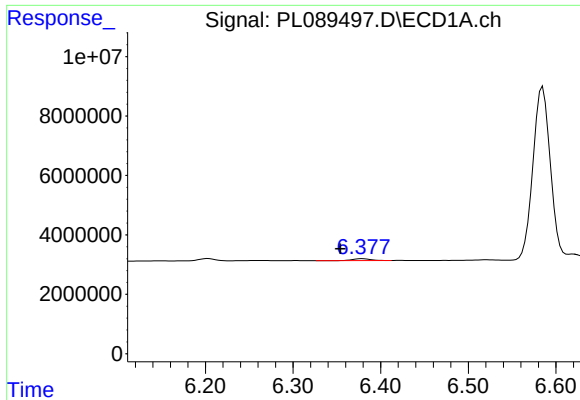
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.002 min
Response: 1039419
Conc: 0.51 ng/ml



#12 4,4'-DDE

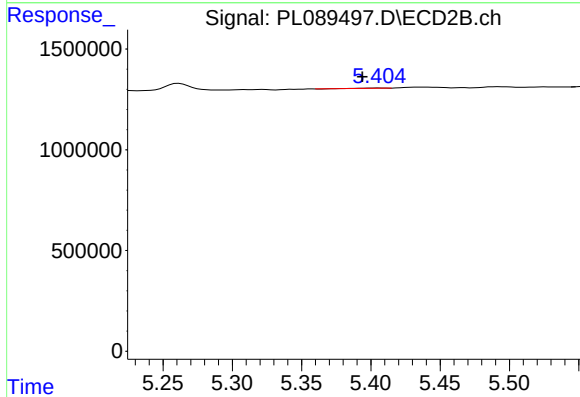
R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 407512
Conc: 0.28 ng/ml



#13 Dieldrin

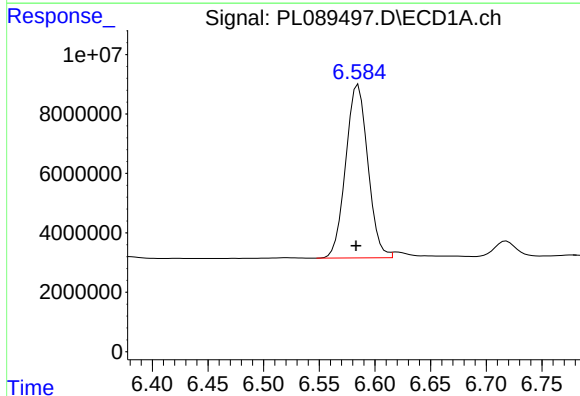
R.T.: 6.379 min
Delta R.T.: 0.025 min
Response: 846791
Conc: 0.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



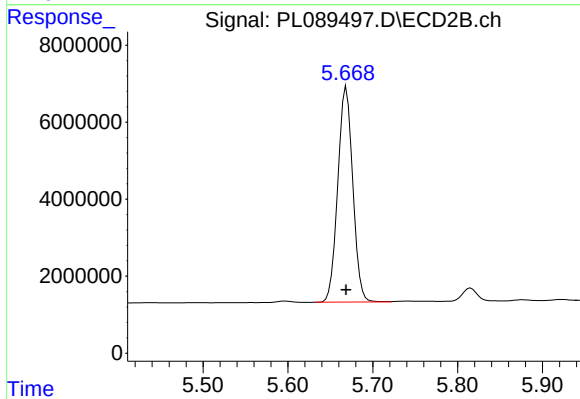
#13 Dieldrin

R.T.: 5.405 min
Delta R.T.: 0.011 min
Response: 16243
Conc: 0.01 ng/ml



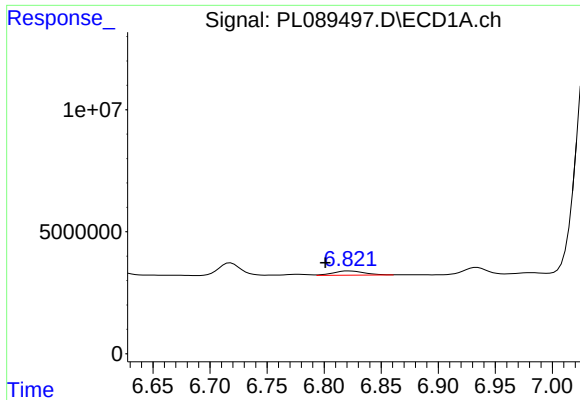
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.002 min
Response: 80879389
Conc: 42.70 ng/ml



#14 Endrin

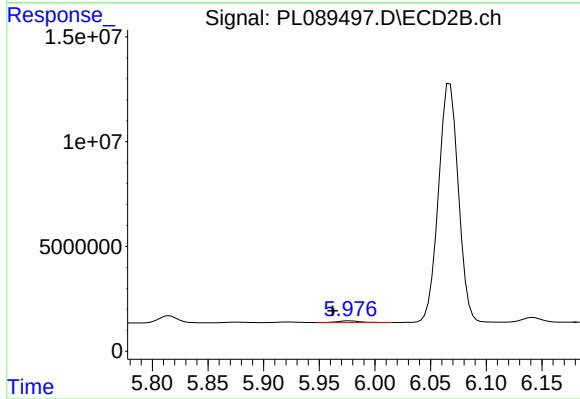
R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 68461632
Conc: 47.62 ng/ml



#15 Endosulfan II

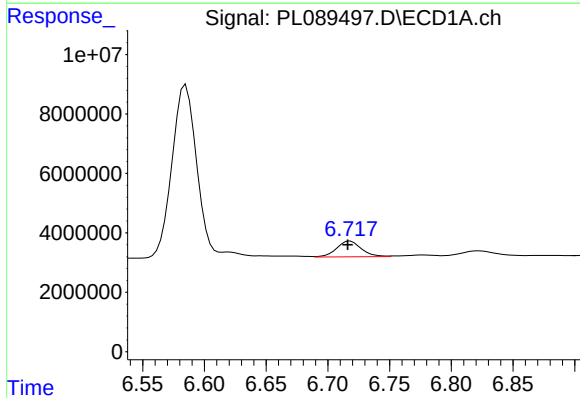
R.T.: 6.822 min
Delta R.T.: 0.021 min
Response: 3325102
Conc: 1.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



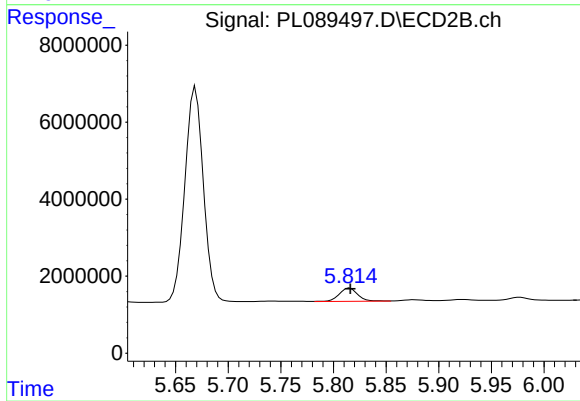
#15 Endosulfan II

R.T.: 5.977 min
Delta R.T.: 0.015 min
Response: 1147749
Conc: 0.80 ng/ml



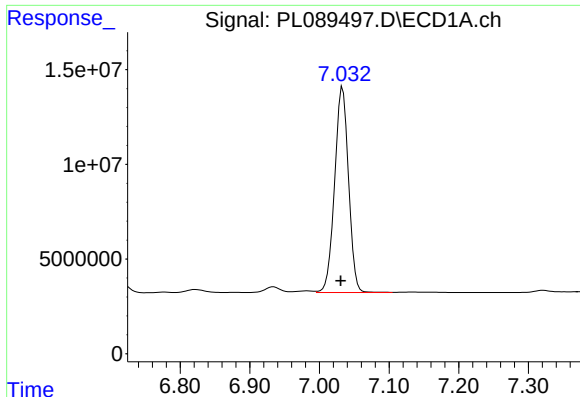
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.002 min
Response: 7459162
Conc: 4.42 ng/ml



#16 4,4'-DDD

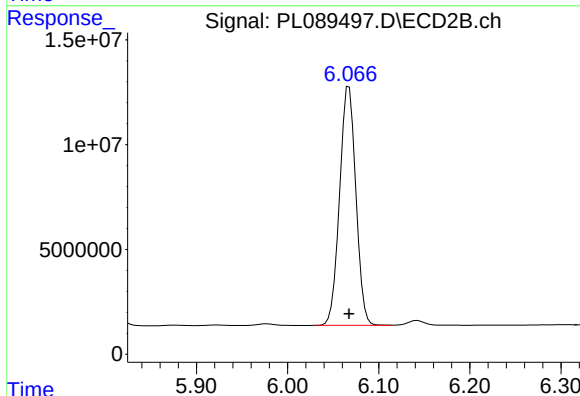
R.T.: 5.815 min
Delta R.T.: 0.000 min
Response: 4224007
Conc: 3.43 ng/ml



#17 4,4'-DDT

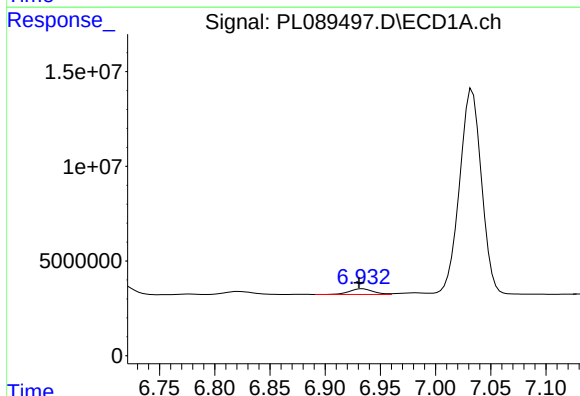
R.T.: 7.033 min
Delta R.T.: 0.003 min
Response: 150618715
Conc: 81.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



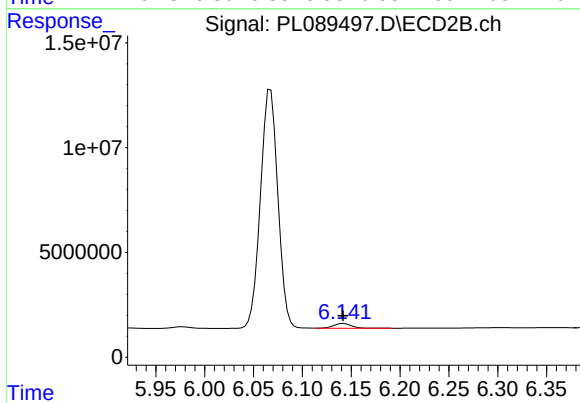
#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 141480328
Conc: 104.57 ng/ml



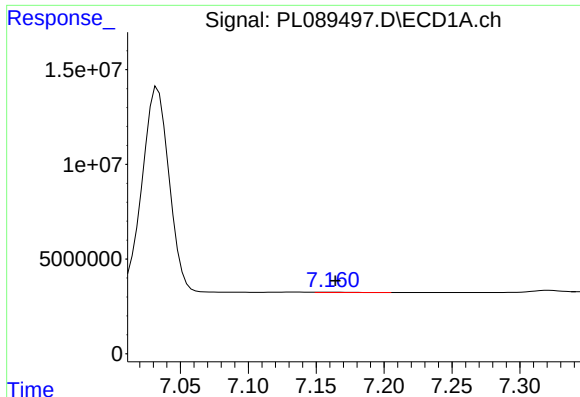
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.003 min
Response: 4405486
Conc: 2.91 ng/ml



#18 Endrin aldehyde

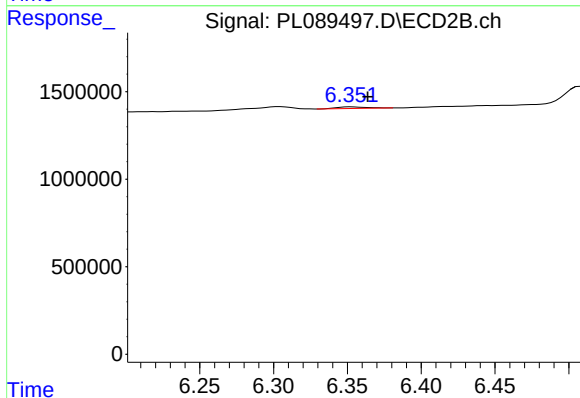
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 2914960
Conc: 2.62 ng/ml



#19 Endosulfan Sulfate

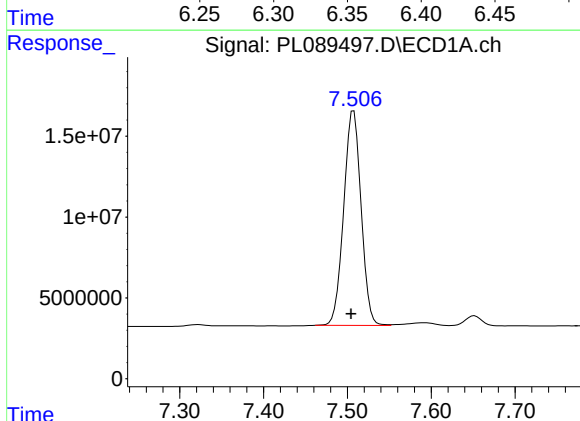
R.T.: 7.161 min
Delta R.T.: -0.003 min
Response: 314638
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



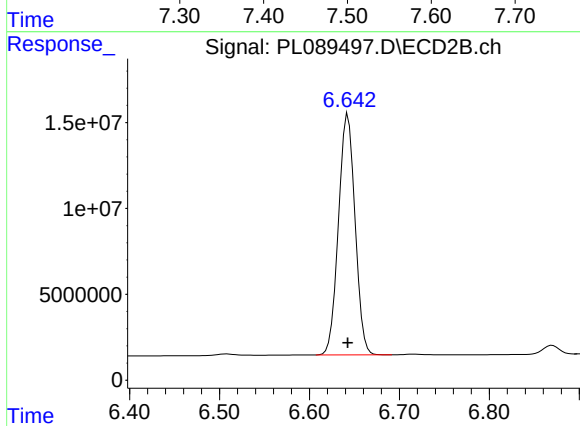
#19 Endosulfan Sulfate

R.T.: 6.352 min
Delta R.T.: -0.011 min
Response: 131391
Conc: 0.09 ng/ml



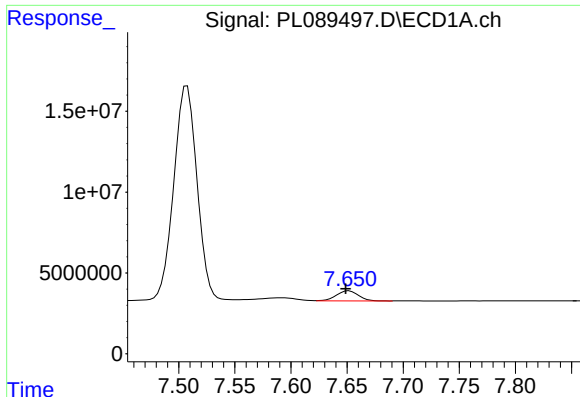
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.003 min
Response: 191780116
Conc: 195.02 ng/ml



#20 Methoxychlor

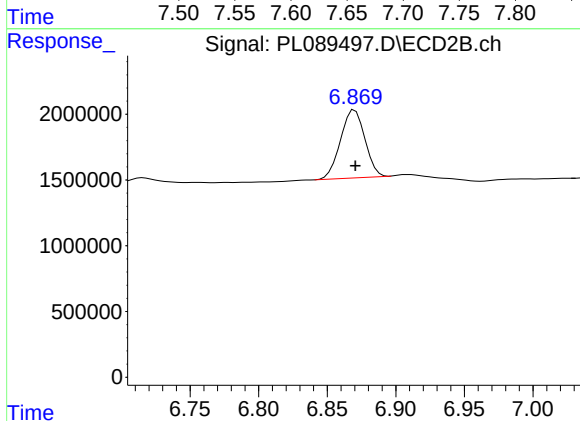
R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 179735990
Conc: 224.79 ng/ml



#21 Endrin ketone

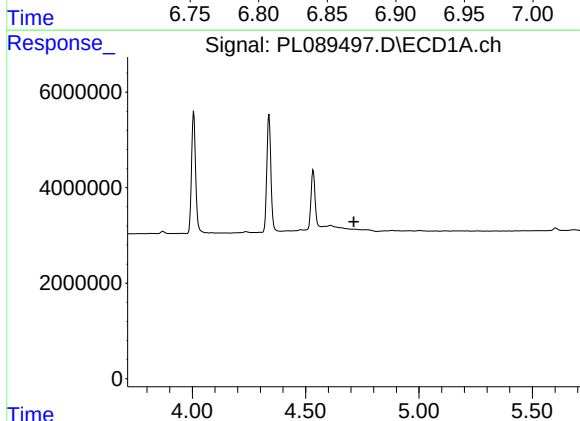
R.T.: 7.652 min
Delta R.T.: 0.003 min
Response: 8417481
Conc: 4.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



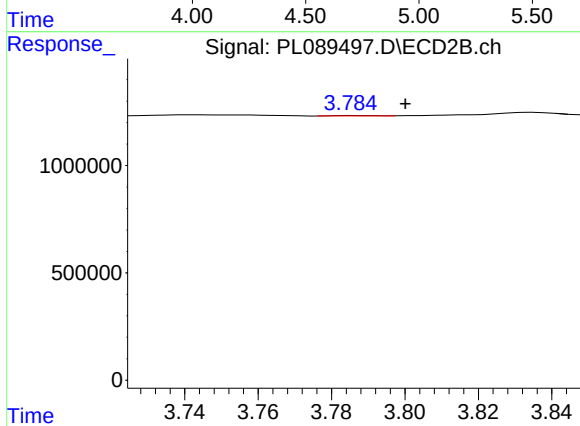
#21 Endrin ketone

R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 6411710
Conc: 4.01 ng/ml



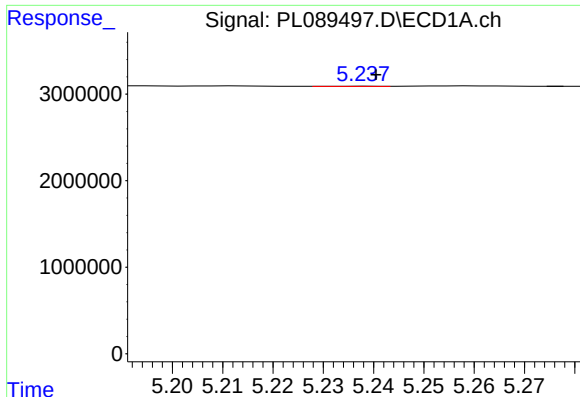
#23 Chlordane-1

R.T.: 4.714 min
Delta R.T.: 0.001 min
Response: -11643
Conc: N.D.



#23 Chlordane-1

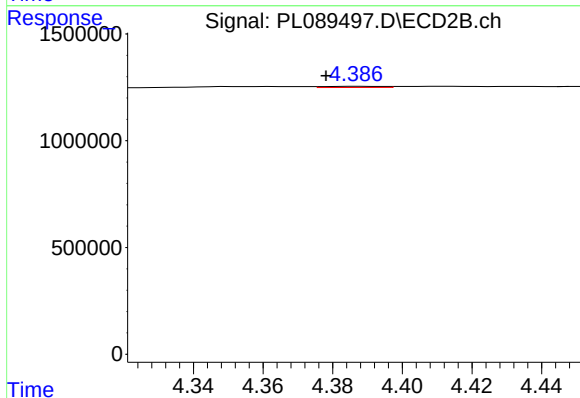
R.T.: 3.786 min
Delta R.T.: -0.014 min
Response: 16078
Conc: 0.33 ng/ml



#24 Chlordane-2

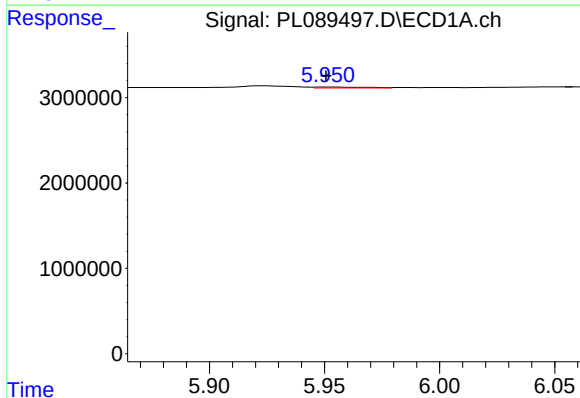
R.T.: 5.239 min
Delta R.T.: -0.002 min
Response: 27394
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



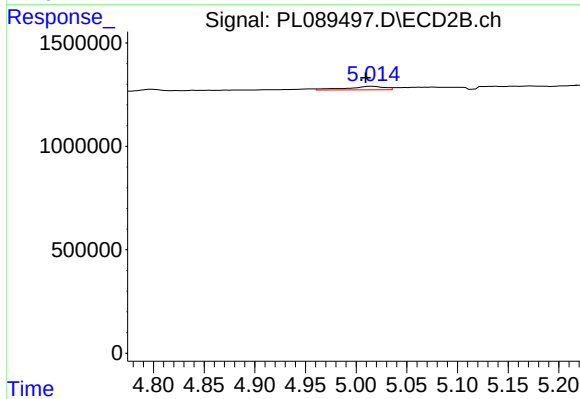
#24 Chlordane-2

R.T.: 4.387 min
Delta R.T.: 0.009 min
Response: 64239
Conc: 1.01 ng/ml



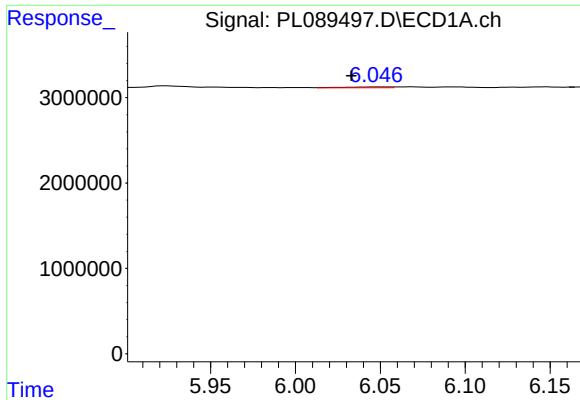
#25 Chlordane-3

R.T.: 5.952 min
Delta R.T.: 0.001 min
Response: 175685
Conc: 0.53 ng/ml



#25 Chlordane-3

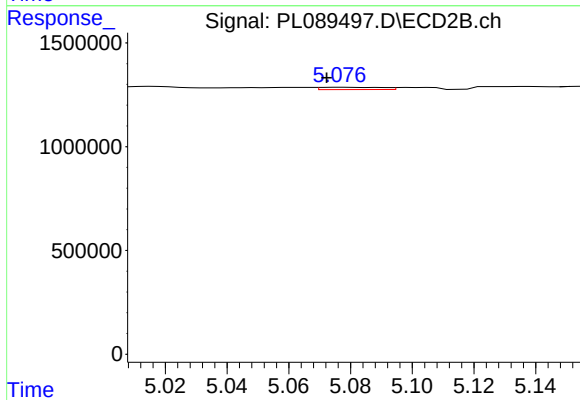
R.T.: 5.016 min
Delta R.T.: 0.006 min
Response: 437201
Conc: 2.55 ng/ml



#26 Chlordane-4

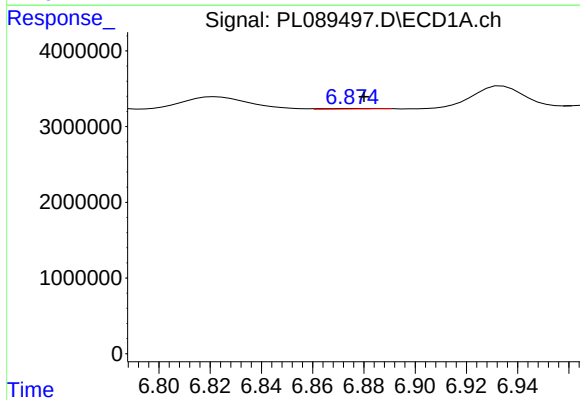
R.T.: 6.048 min
Delta R.T.: 0.015 min
Response: 189065
Conc: 0.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



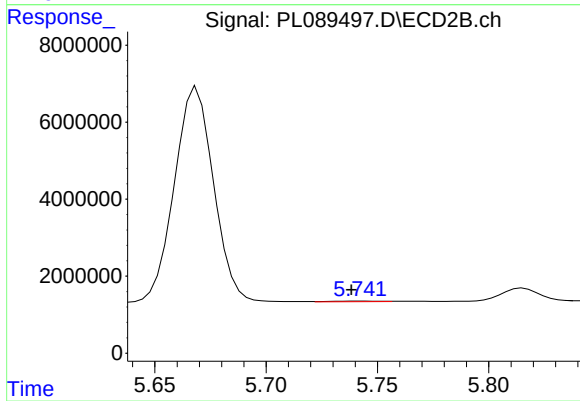
#26 Chlordane-4

R.T.: 5.077 min
Delta R.T.: 0.005 min
Response: 159204
Conc: 0.99 ng/ml



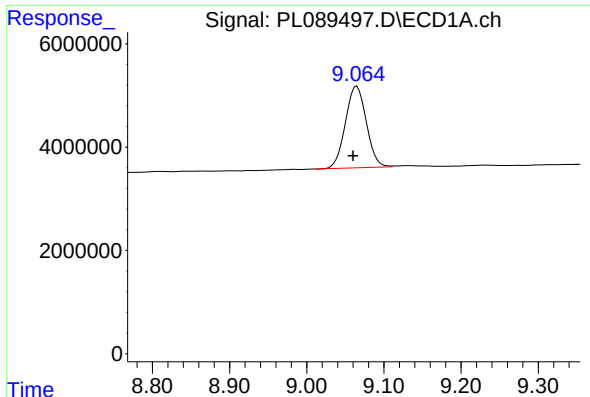
#27 Chlordane-5

R.T.: 6.876 min
Delta R.T.: -0.004 min
Response: 169664
Conc: 2.04 ng/ml



#27 Chlordane-5

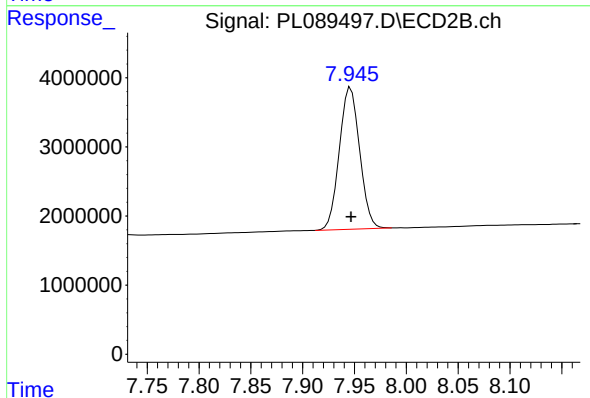
R.T.: 5.743 min
Delta R.T.: 0.005 min
Response: 241439
Conc: 4.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.005 min
Response: 29727246
Conc: 21.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.946 min
Delta R.T.: 0.000 min
Response: 27997115
Conc: 20.81 ng/ml