Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032724\
Data File : PL088789.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2024 09:54
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: Mar 27 22:01:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
Quant Title : GC Extractables
QLast Update : Wed Mar 13 15:45:55 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...	3.635	2.853	61135042	31209154	23.070	23.417	
28)	SA Decachlor...	9.298	8.078	52177898	32148279	21.108	23.710	
	Target Compounds							
2)	A alpha-BHC	4.099	3.367	42331925	20825354	10.605	10.364	
3)	MA gamma-BHC...	4.437	3.703	41141537	20349422	10.608	10.604	
4)	MA Heptachlor	0.000	4.072f	0	66815	N.D.	0.037	#
5)	MB Aldrin	0.000	4.345	0	334090	N.D.	0.185	#
6)	B beta-BHC	4.634	4.005	20383773	10430920	11.494	12.168	
7)	B delta-BHC	0.000	4.235	0	295660	N.D.	0.155	#
8)	B Heptachlo...	5.808	4.840	4194646	8901	1.221	0.005	#
9)	A Endosulfan I	6.207	5.213	236587	105343	0.077	0.070	
10)	B gamma-Chl...	0.000	5.107	0	642269	N.D.	0.388	#
11)	B alpha-Chl...	6.136f	5.156	1785758	168857	0.537	0.102	#
12)	B 4,4'-DDE	6.329	5.357	542164	321974	0.181	0.221	
13)	MA Dieldrin	6.507f	5.493	861169	71229	0.266	0.044	#
14)	MA Endrin	6.716	5.770	136.6E6	81365604	49.970	56.448	
15)	B Endosulfa...	6.956f	6.084	4065657	953724	1.419	0.663	#
16)	A 4,4'-DDD	6.851	5.920	10075439	4822479	3.956	3.872	
17)	MA 4,4'-DDT	7.170	6.175	277.7E6	167.9E6	104.195	125.079	
18)	B Endrin al...	7.069	6.249	3861754	3097443	1.850	2.956	#
19)	B Endosulfa...	0.000	6.462f	0	137211	N.D.	0.099	#
20)	A Methoxychlor	7.650	6.758	358.7E6	214.0E6	238.075	266.815	
21)	B Endrin ke...	7.796	6.986	10051235	7164637	3.400	4.340	#
22)	Mirex	0.000	7.194f	0	297594	N.D.	0.221	#
23)	Chlordane-1	0.000	3.881	0	42726	N.D.	0.880	#
24)	Chlordane-2	0.000	4.471	0	139065	N.D.	2.290	#
25)	Chlordane-3	0.000	5.107	0	642269	N.D.	3.763	#
26)	Chlordane-4	6.181f	5.156	1308068	168857	2.181	1.058	#
27)	Chlordane-5	7.010	5.844	368202	610739	3.483	12.042	#

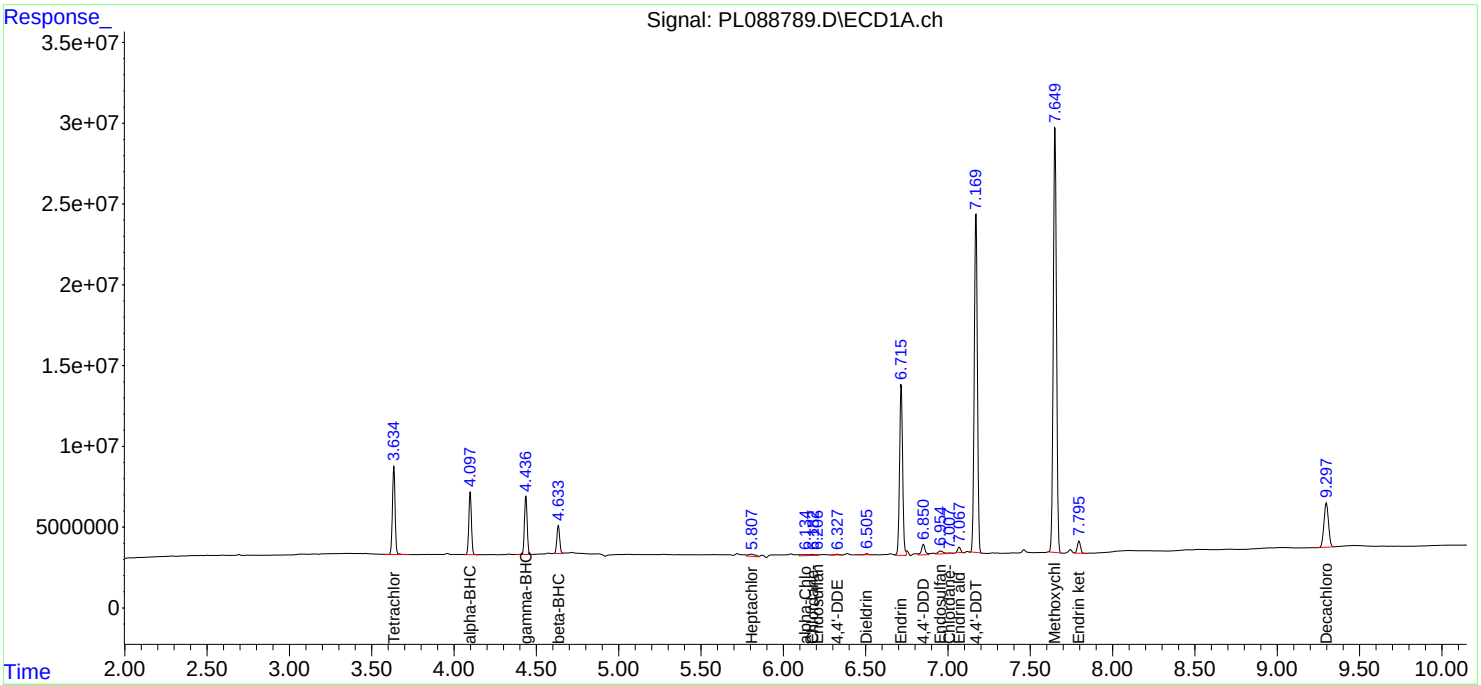
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

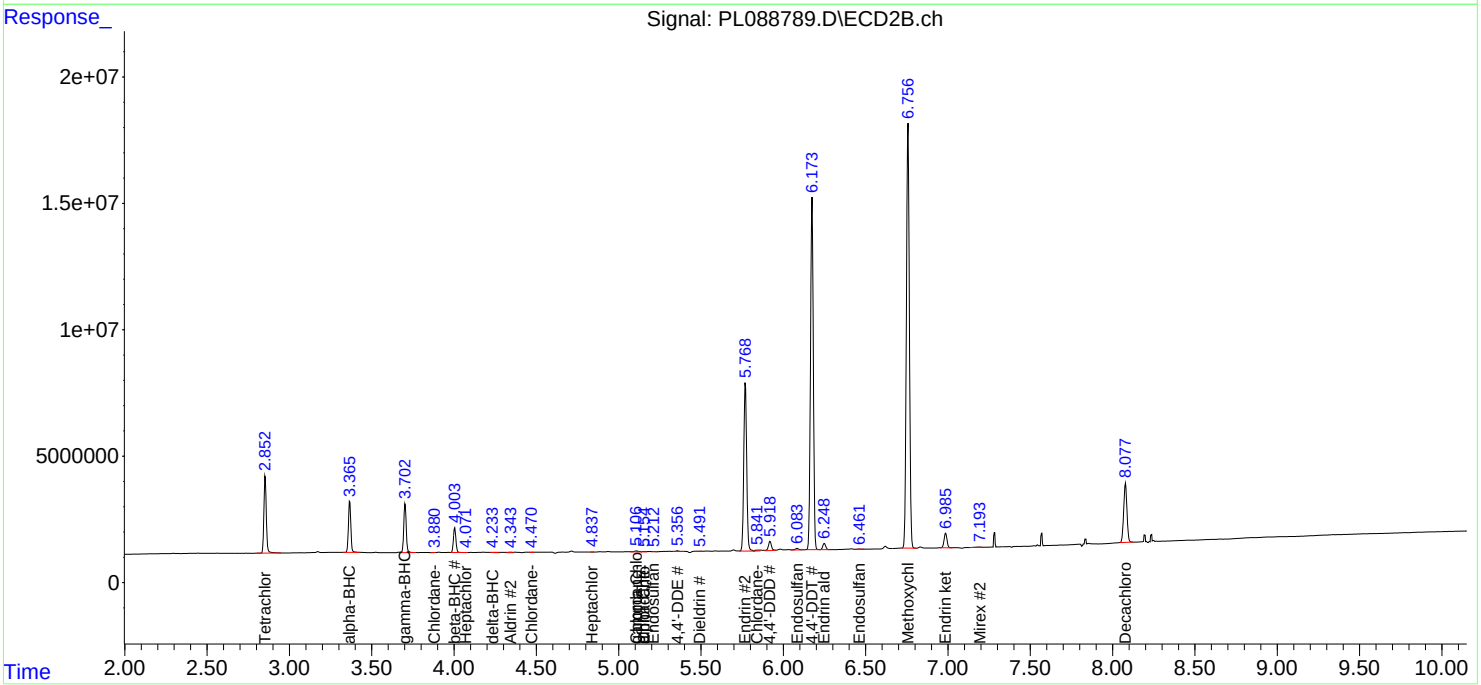
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032724\
Data File : PL088789.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2024 09:54
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

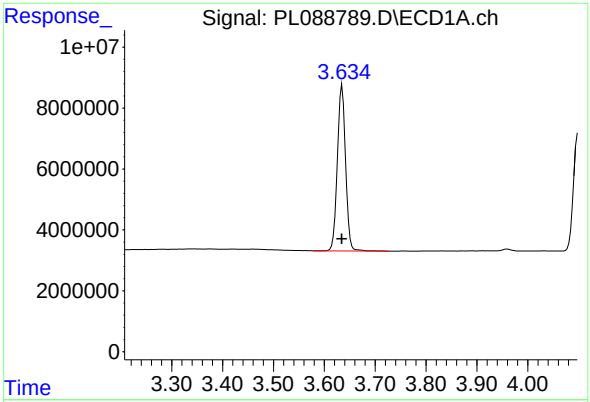
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 22:01:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
Quant Title : GC Extractables
QLast Update : Wed Mar 13 15:45:55 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



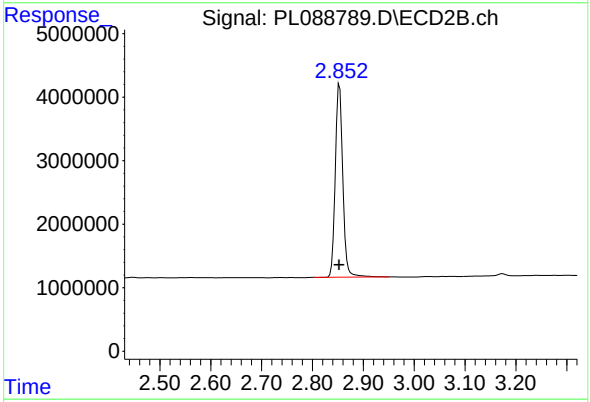




#1 Tetrachloro-m-xylene

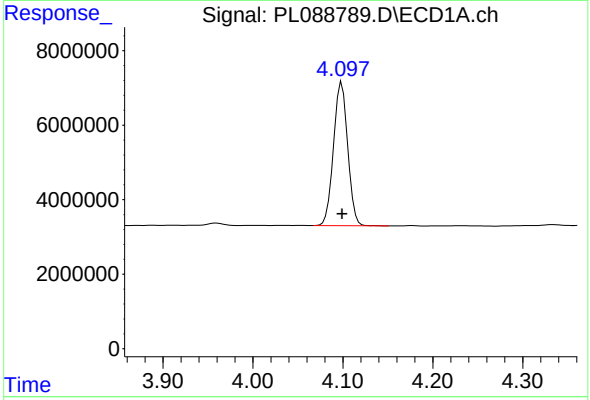
R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 61135042
Conc: 23.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



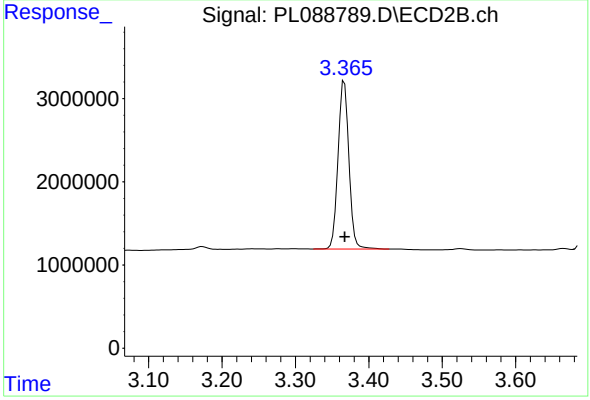
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: 0.000 min
Response: 31209154
Conc: 23.42 ng/ml



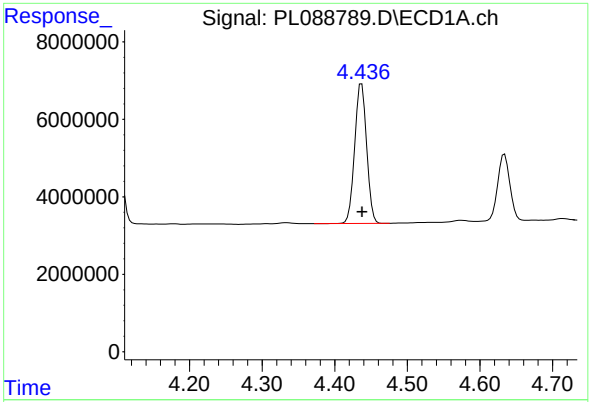
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 42331925
Conc: 10.60 ng/ml



#2 alpha-BHC

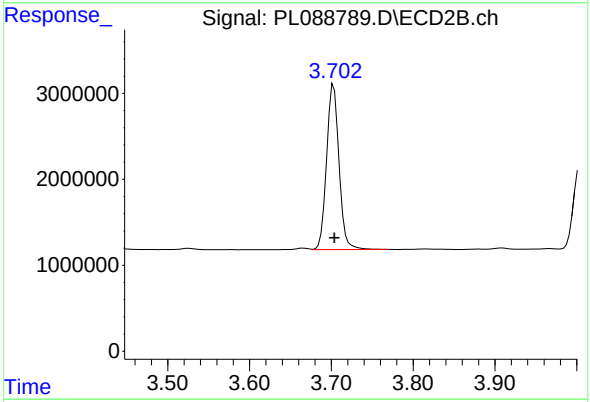
R.T.: 3.367 min
Delta R.T.: 0.000 min
Response: 20825354
Conc: 10.36 ng/ml



#3 gamma-BHC (Lindane)

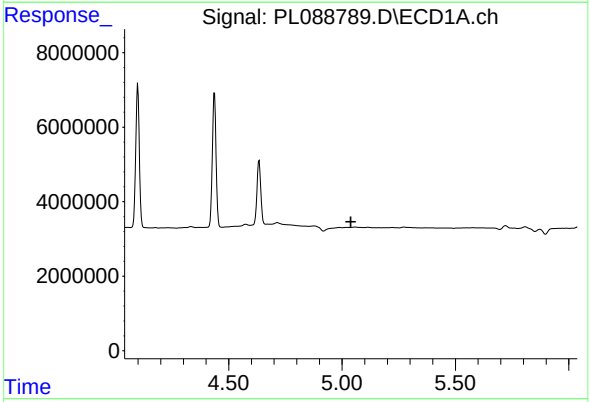
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 41141537
Conc: 10.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



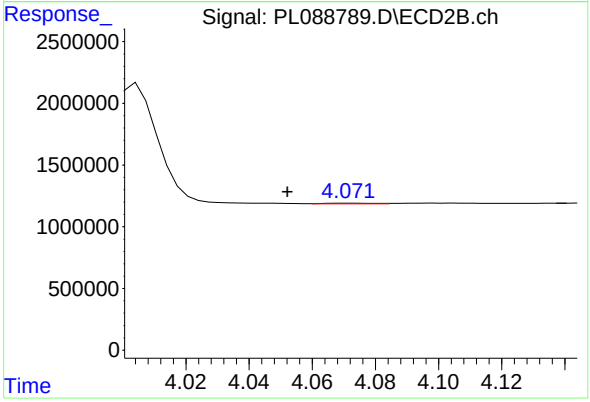
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 20349422
Conc: 10.60 ng/ml



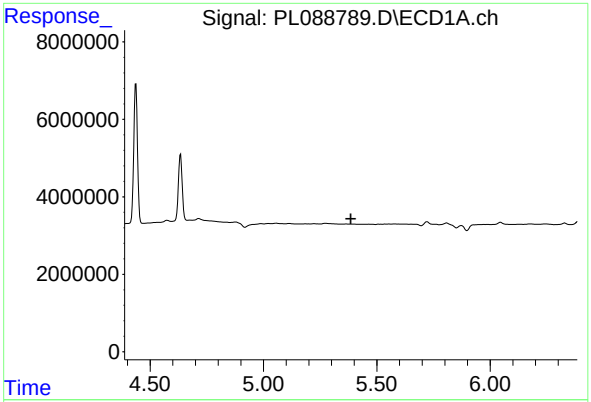
#4 Heptachlor

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



#4 Heptachlor

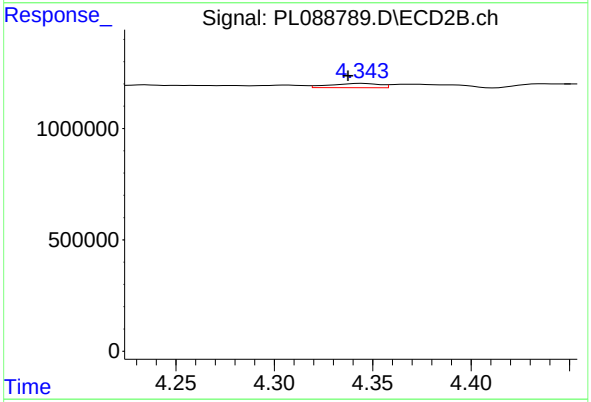
R.T.: 4.072 min
Delta R.T.: 0.020 min
Response: 66815
Conc: 0.04 ng/ml



#5 Aldrin

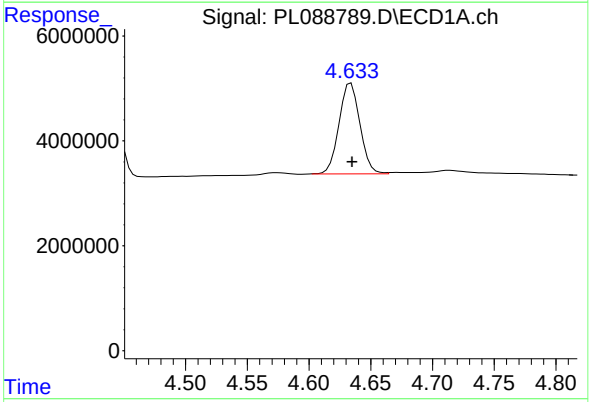
R.T.: 0.000 min
Exp R.T. : 5.385 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



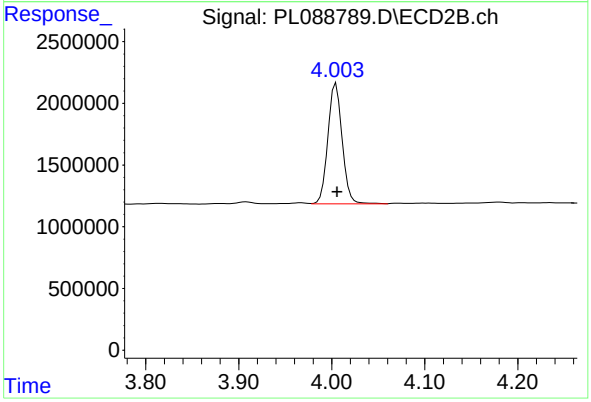
#5 Aldrin

R.T.: 4.345 min
Delta R.T.: 0.007 min
Response: 334090
Conc: 0.18 ng/ml



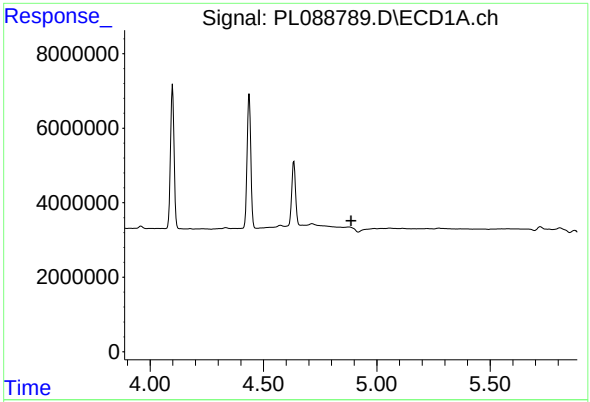
#6 beta-BHC

R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 20383773
Conc: 11.49 ng/ml



#6 beta-BHC

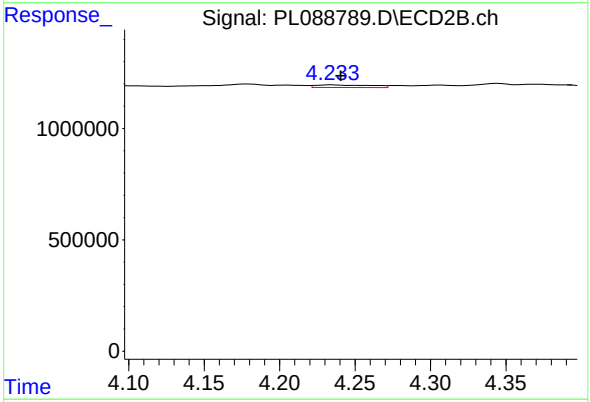
R.T.: 4.005 min
Delta R.T.: -0.001 min
Response: 10430920
Conc: 12.17 ng/ml



#7 delta-BHC

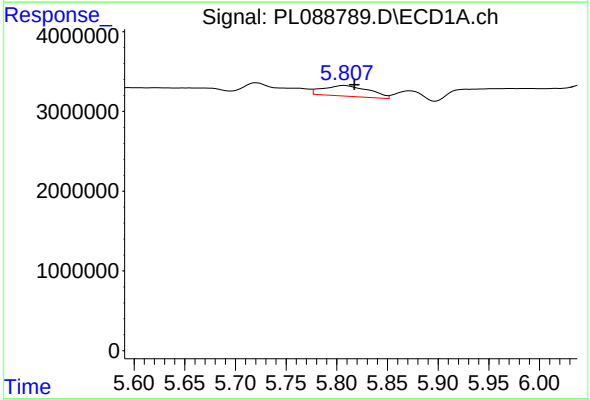
R.T.: 0.000 min
Exp R.T. : 4.887 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



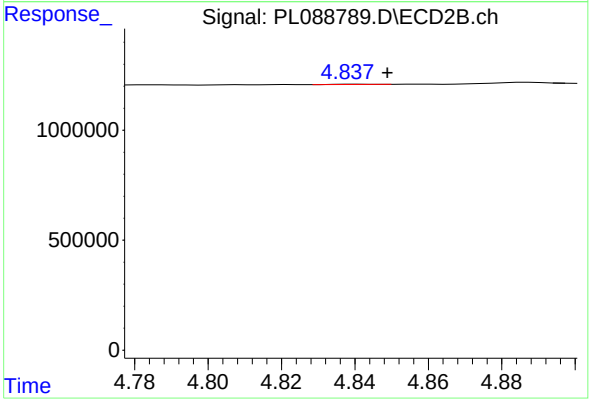
#7 delta-BHC

R.T.: 4.235 min
Delta R.T.: -0.006 min
Response: 295660
Conc: 0.15 ng/ml



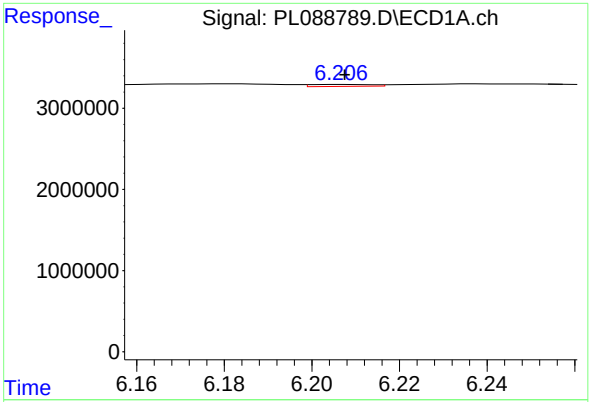
#8 Heptachlor epoxide

R.T.: 5.808 min
Delta R.T.: -0.010 min
Response: 4194646
Conc: 1.22 ng/ml



#8 Heptachlor epoxide

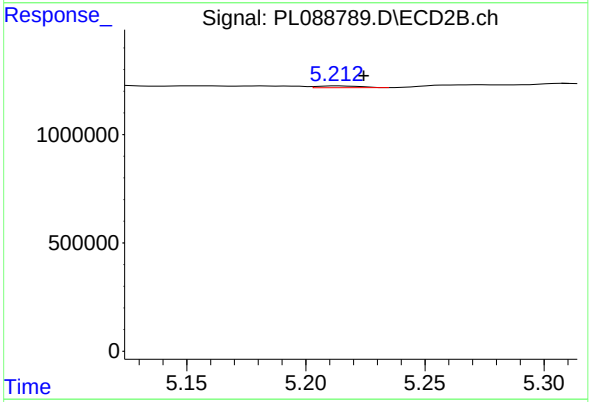
R.T.: 4.840 min
Delta R.T.: -0.009 min
Response: 8901
Conc: 0.01 ng/ml



#9 Endosulfan I

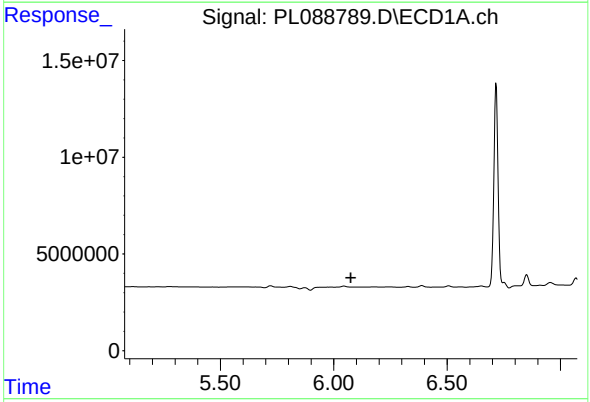
R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 236587
Conc: 0.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



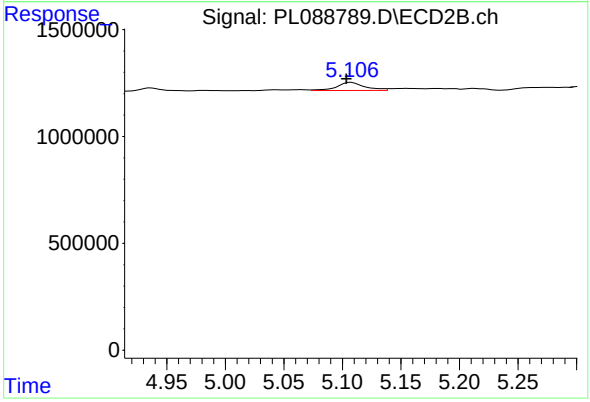
#9 Endosulfan I

R.T.: 5.213 min
Delta R.T.: -0.011 min
Response: 105343
Conc: 0.07 ng/ml



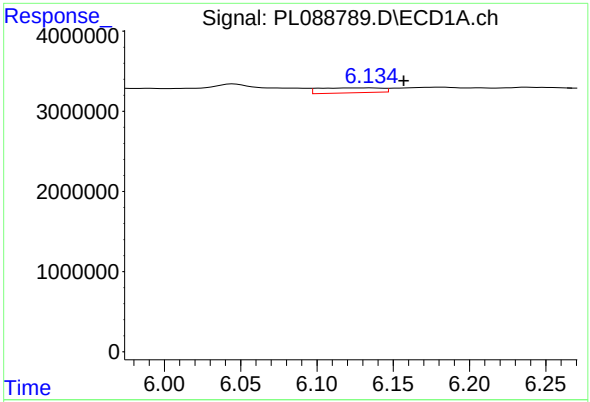
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 6.076 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

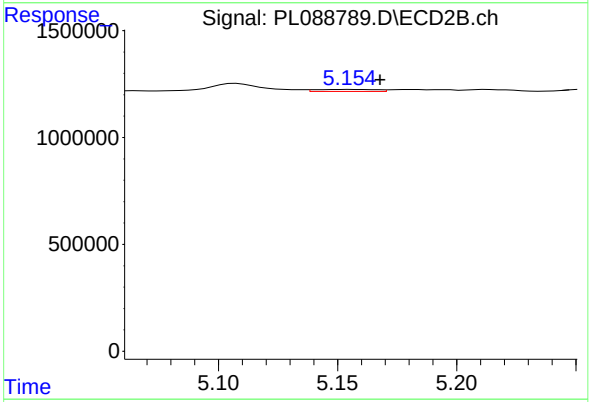
R.T.: 5.107 min
Delta R.T.: 0.004 min
Response: 642269
Conc: 0.39 ng/ml



#11 alpha-Chlordane

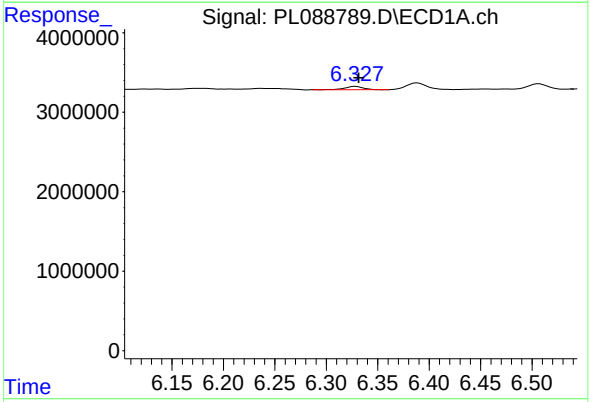
R.T.: 6.136 min
Delta R.T.: -0.021 min
Response: 1785758
Conc: 0.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



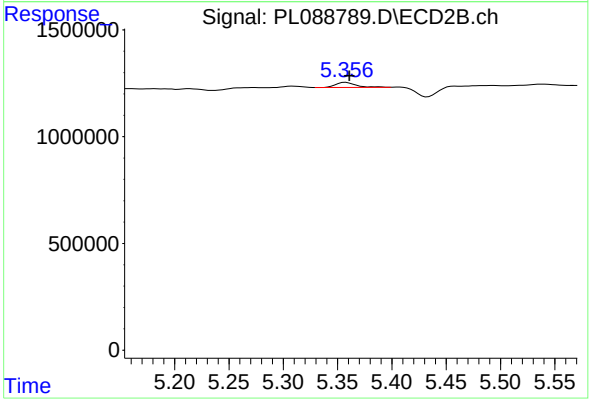
#11 alpha-Chlordane

R.T.: 5.156 min
Delta R.T.: -0.012 min
Response: 168857
Conc: 0.10 ng/ml



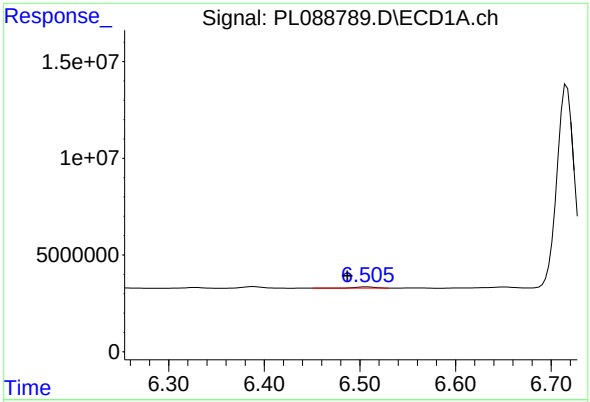
#12 4,4'-DDE

R.T.: 6.329 min
Delta R.T.: -0.003 min
Response: 542164
Conc: 0.18 ng/ml



#12 4,4'-DDE

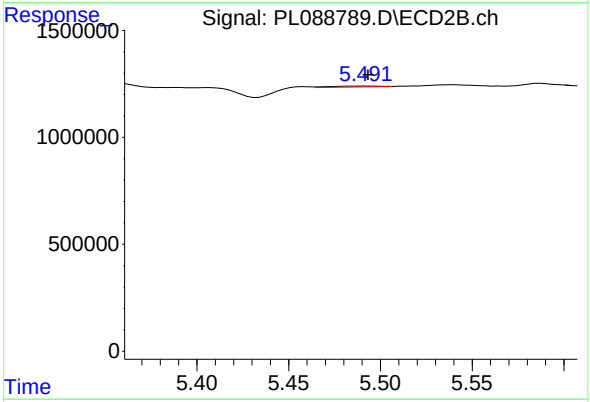
R.T.: 5.357 min
Delta R.T.: -0.003 min
Response: 321974
Conc: 0.22 ng/ml



#13 Dieldrin

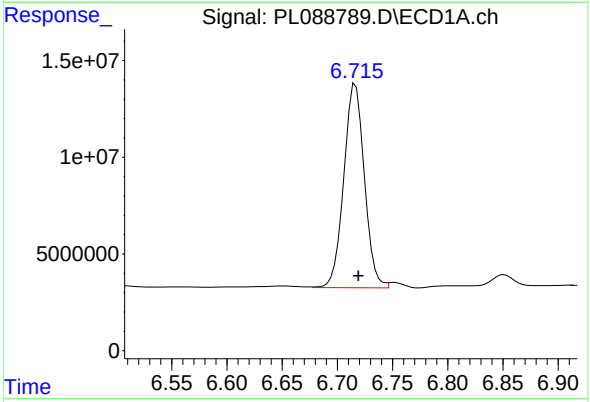
R.T.: 6.507 min
Delta R.T.: 0.020 min
Response: 861169
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



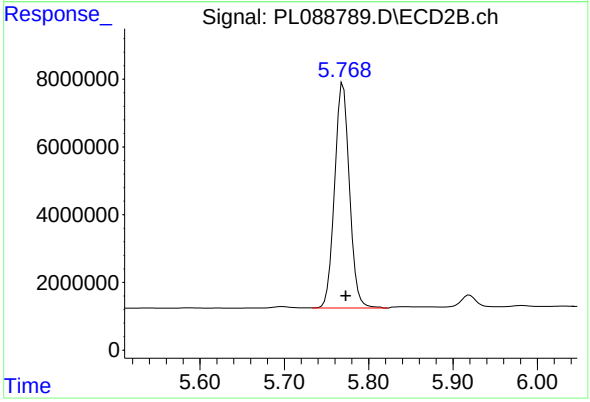
#13 Dieldrin

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 71229
Conc: 0.04 ng/ml



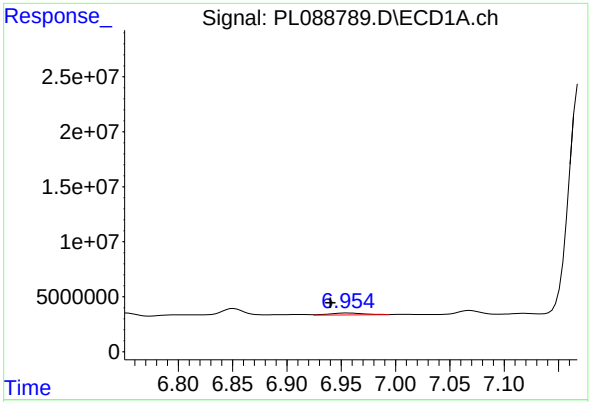
#14 Endrin

R.T.: 6.716 min
Delta R.T.: -0.003 min
Response: 136604627
Conc: 49.97 ng/ml



#14 Endrin

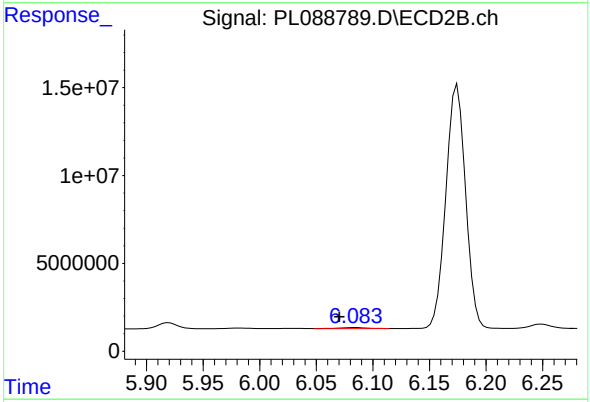
R.T.: 5.770 min
Delta R.T.: -0.003 min
Response: 81365604
Conc: 56.45 ng/ml



#15 Endosulfan II

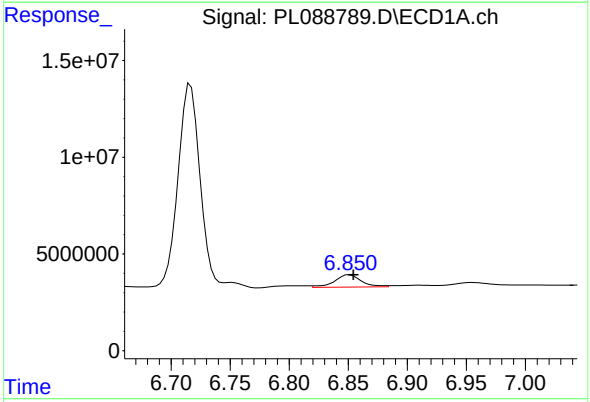
R.T.: 6.956 min
Delta R.T.: 0.015 min
Response: 4065657
Conc: 1.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



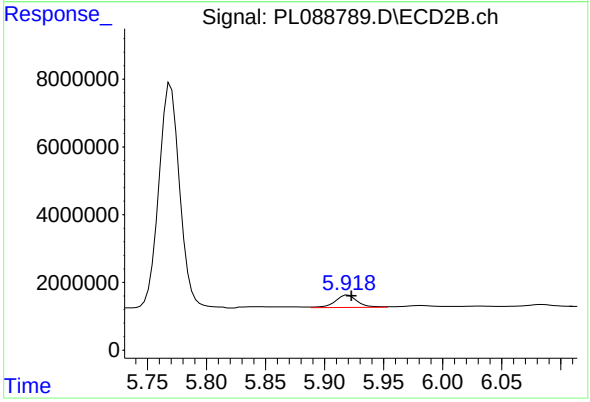
#15 Endosulfan II

R.T.: 6.084 min
Delta R.T.: 0.014 min
Response: 953724
Conc: 0.66 ng/ml



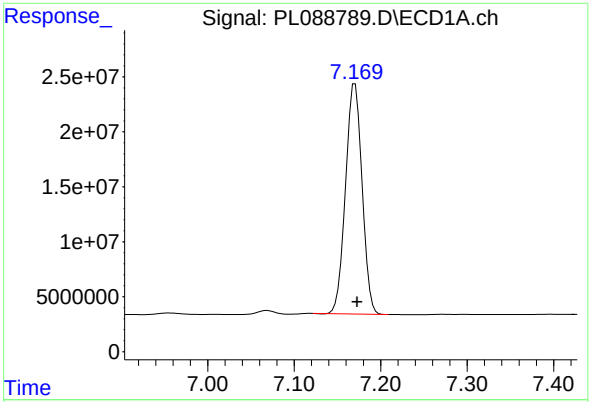
#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: -0.003 min
Response: 10075439
Conc: 3.96 ng/ml



#16 4,4'-DDD

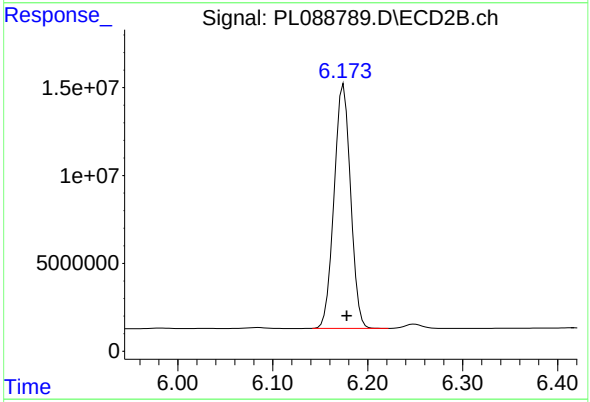
R.T.: 5.920 min
Delta R.T.: -0.003 min
Response: 4822479
Conc: 3.87 ng/ml



#17 4,4'-DDT

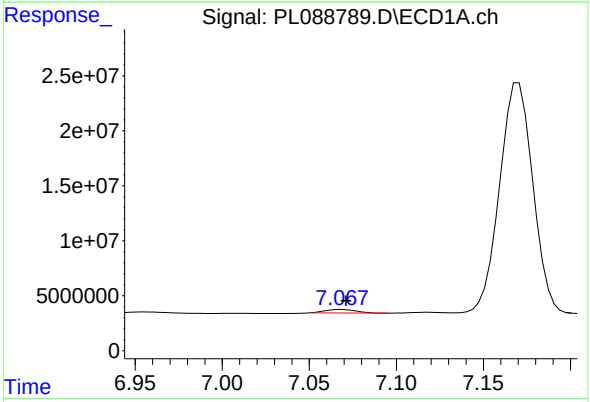
R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 277729766
Conc: 104.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



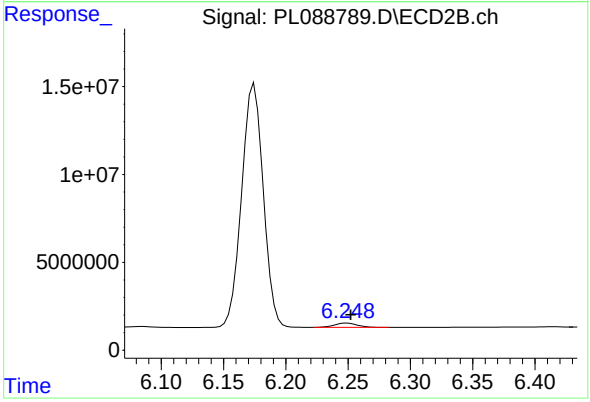
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.003 min
Response: 167880655
Conc: 125.08 ng/ml



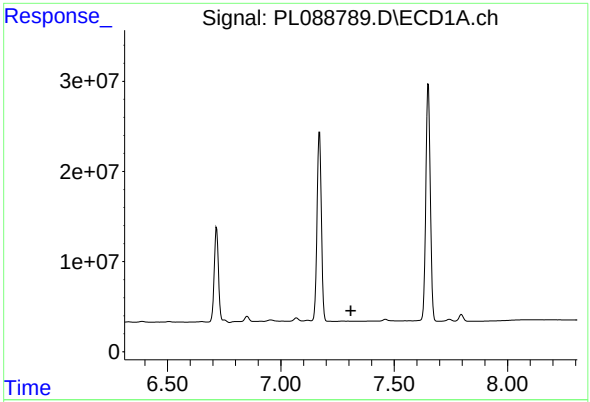
#18 Endrin aldehyde

R.T.: 7.069 min
Delta R.T.: -0.002 min
Response: 3861754
Conc: 1.85 ng/ml



#18 Endrin aldehyde

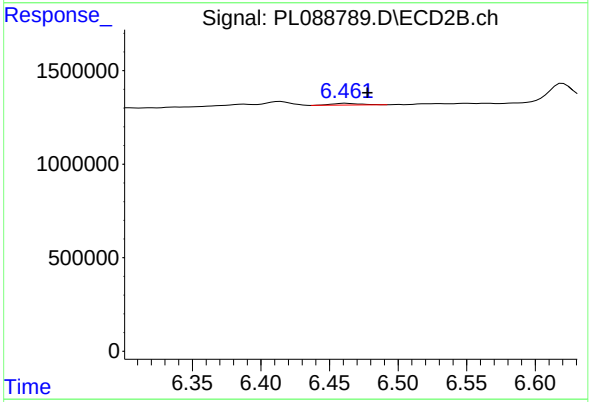
R.T.: 6.249 min
Delta R.T.: -0.003 min
Response: 3097443
Conc: 2.96 ng/ml



#19 Endosulfan Sulfate

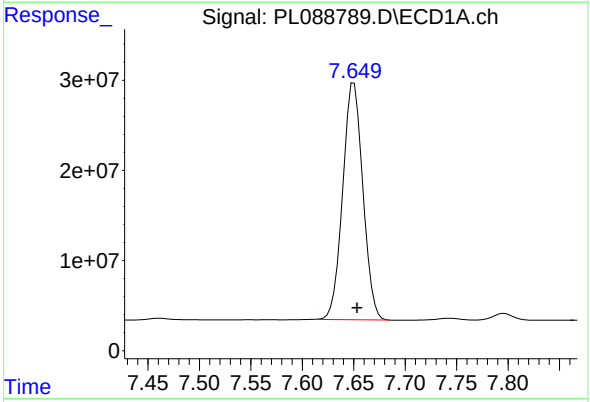
R.T.: 0.000 min
Exp R.T. : 7.309 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



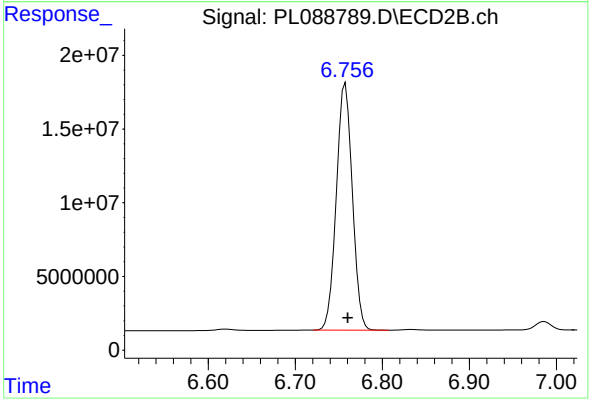
#19 Endosulfan Sulfate

R.T.: 6.462 min
Delta R.T.: -0.016 min
Response: 137211
Conc: 0.10 ng/ml



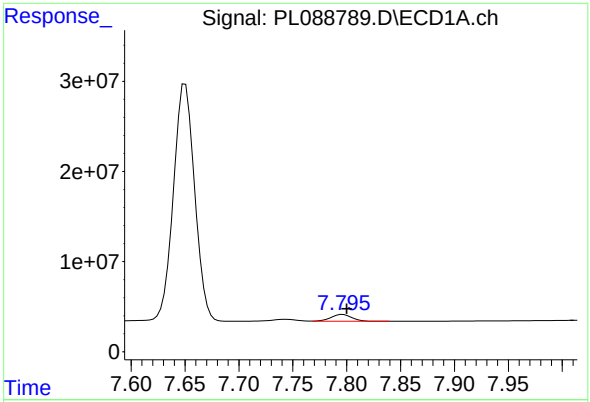
#20 Methoxychlor

R.T.: 7.650 min
Delta R.T.: -0.003 min
Response: 358662938
Conc: 238.07 ng/ml



#20 Methoxychlor

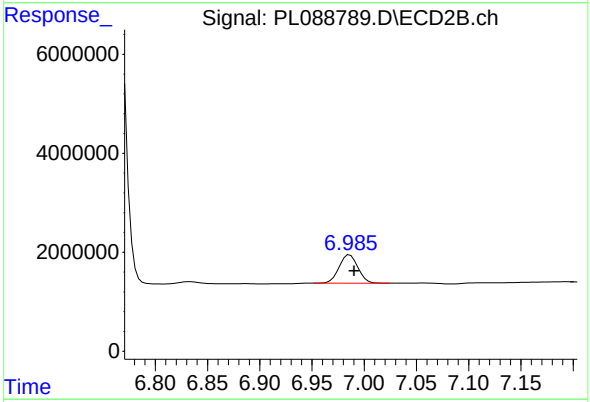
R.T.: 6.758 min
Delta R.T.: -0.003 min
Response: 214004374
Conc: 266.81 ng/ml



#21 Endrin ketone

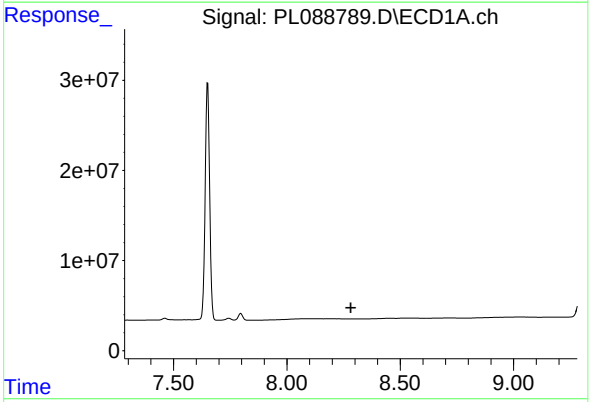
R.T.: 7.796 min
Delta R.T.: -0.004 min
Response: 10051235
Conc: 3.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



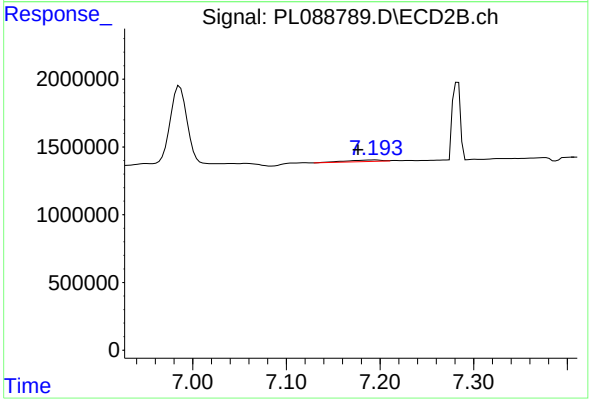
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: -0.004 min
Response: 7164637
Conc: 4.34 ng/ml



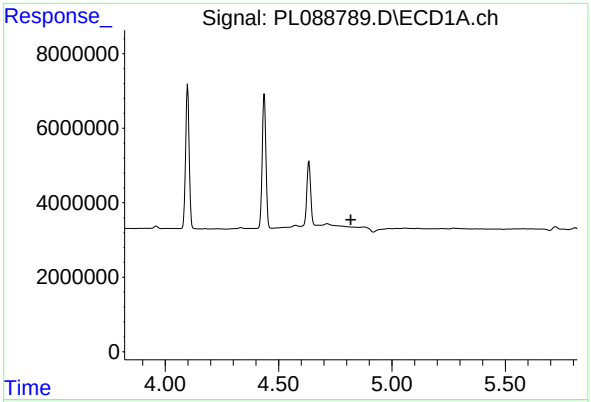
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.282 min
Response: 0
Conc: N.D.



#22 Mirex

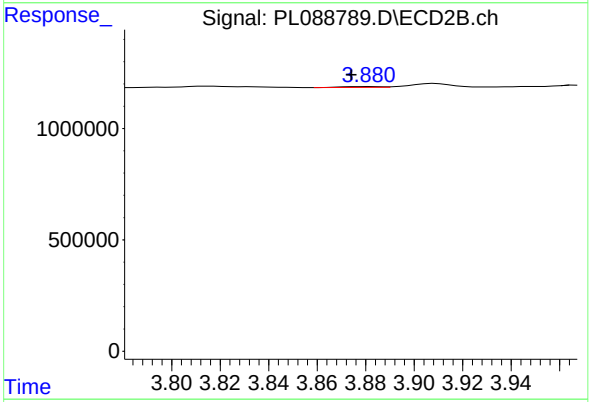
R.T.: 7.194 min
Delta R.T.: 0.017 min
Response: 297594
Conc: 0.22 ng/ml



#23 Chlordane-1

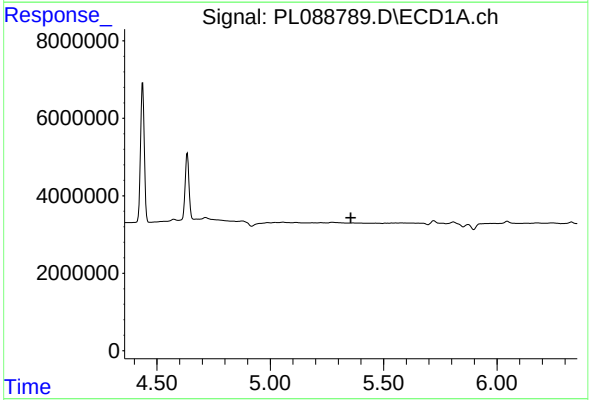
R.T.: 0.000 min
Exp R.T. : 4.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



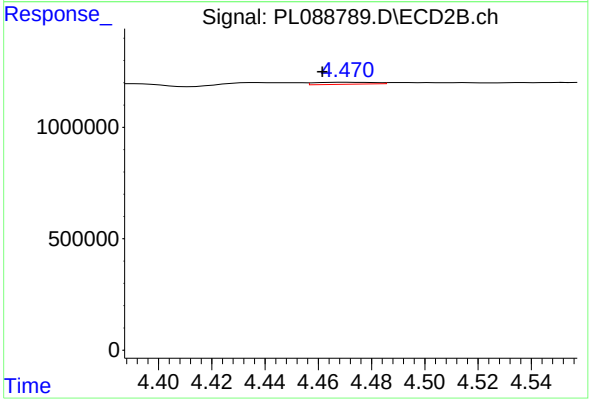
#23 Chlordane-1

R.T.: 3.881 min
Delta R.T.: 0.007 min
Response: 42726
Conc: 0.88 ng/ml



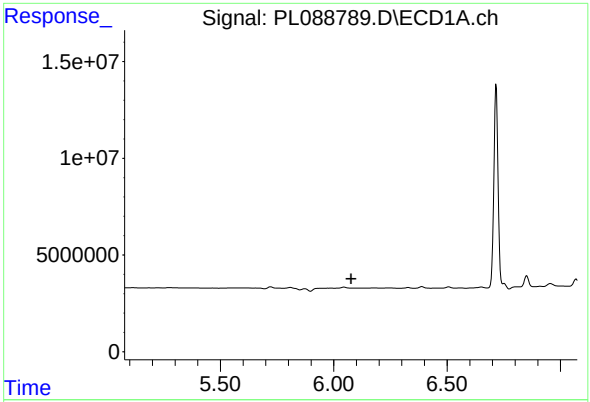
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.355 min
Response: 0
Conc: N.D.



#24 Chlordane-2

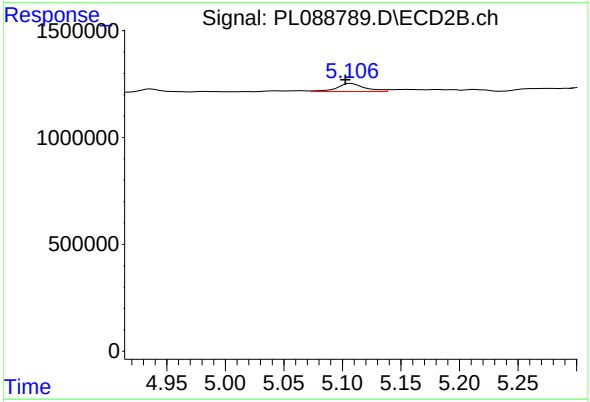
R.T.: 4.471 min
Delta R.T.: 0.010 min
Response: 139065
Conc: 2.29 ng/ml



#25 Chlordane-3

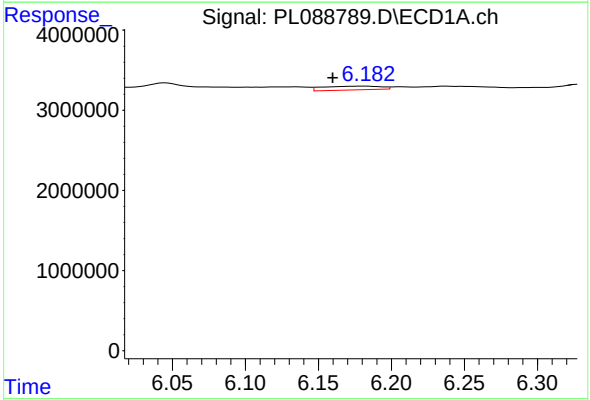
R.T.: 0.000 min
Exp R.T. : 6.076 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



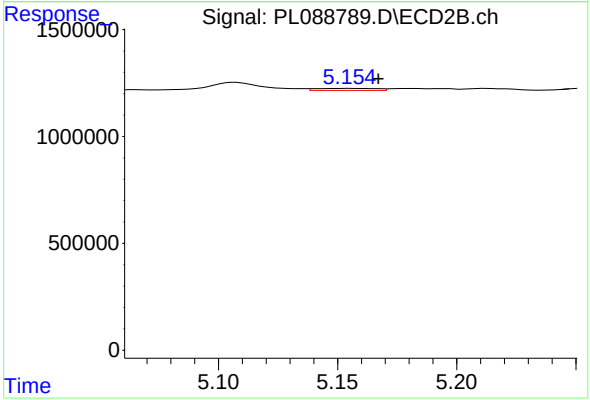
#25 Chlordane-3

R.T.: 5.107 min
Delta R.T.: 0.005 min
Response: 642269
Conc: 3.76 ng/ml



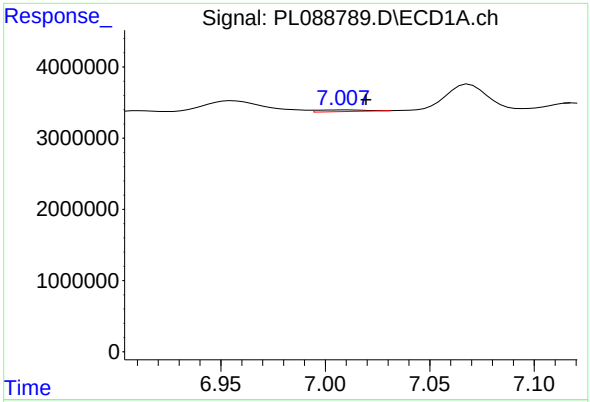
#26 Chlordane-4

R.T.: 6.181 min
Delta R.T.: 0.021 min
Response: 1308068
Conc: 2.18 ng/ml



#26 Chlordane-4

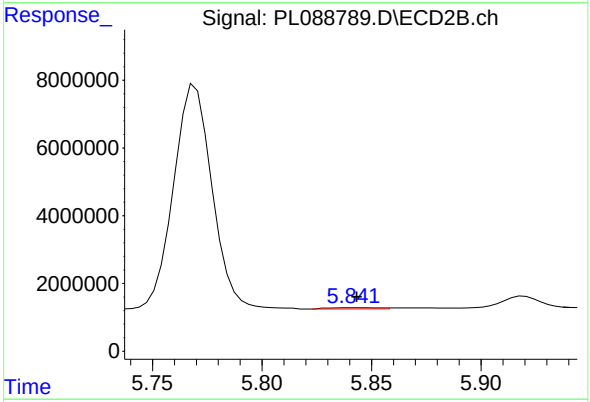
R.T.: 5.156 min
Delta R.T.: -0.011 min
Response: 168857
Conc: 1.06 ng/ml



#27 Chlordane-5

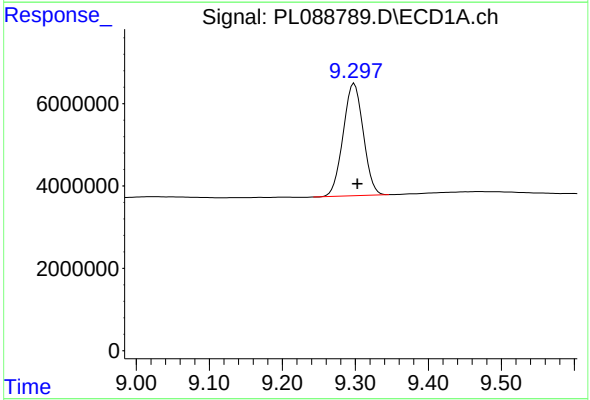
R.T.: 7.010 min
Delta R.T.: -0.010 min
Response: 368202
Conc: 3.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



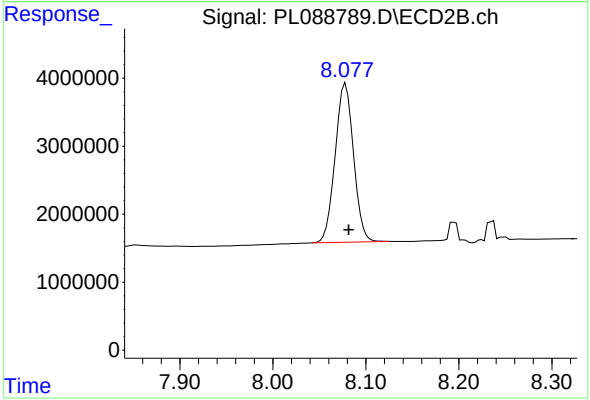
#27 Chlordane-5

R.T.: 5.844 min
Delta R.T.: 0.000 min
Response: 610739
Conc: 12.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.298 min
Delta R.T.: -0.004 min
Response: 52177898
Conc: 21.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.078 min
Delta R.T.: -0.003 min
Response: 32148279
Conc: 23.71 ng/ml