Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081325\
Data File : PD089863.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 15:35
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 02:12:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.547	2.877	44394058	358.1E6	17.998	22.611	#
28)	SA Decachlor...	9.068	8.066	65592115	415.5E6	17.650	20.694	
	Target Compounds							
2)	A alpha-BHC	3.996	3.389	42420416	302.5E6	8.564	12.446	#
3)	MA gamma-BHC...	4.327	3.726	42271672	272.2E6	8.895	12.085	#
4)	MA Heptachlor	0.000	4.076	0	2410049	N.D.	0.104	#
5)	MB Aldrin	0.000	4.362	0	1678223	N.D.	0.075	#
6)	B beta-BHC	4.513	4.022	18010174	119.4E6	9.763	12.376	#
7)	B delta-BHC	4.758	4.256	314229	863696	0.069	0.038	#
8)	B Heptachlo...	5.680	4.872	3542200	3380590	0.847	0.165	#
10)	B gamma-Chl...	5.941	5.121	339440	23531628	0.081	1.087	#
11)	B alpha-Chl...	6.030	5.181	726278	17938991	0.173	0.862	#
12)	B 4,4'-DDE	6.192	5.371	533390	4674316	0.143	0.221	#
13)	MA Dieldrin	6.364f	5.500	900854	2229962	0.213	0.103	#
14)	MA Endrin	6.571	5.785	143.5E6	1025.1E6	40.110	51.447	#
15)	B Endosulfa...	6.769	6.082	1755634	8246718	0.478	0.439	
16)	A 4,4'-DDD	6.702	5.925	20518744	137.1E6	6.851	7.776	
17)	MA 4,4'-DDT	7.018	6.178	245.9E6	1766.6E6	73.169	96.154	#
18)	B Endrin al...	6.912	6.254	2969066	25352425	1.190	1.962	#
19)	B Endosulfa...	0.000	6.455f	0	1647311	N.D.	0.089	#
20)	A Methoxychlor	7.490	6.748	303.6E6	1939.6E6	169.821	198.008	
21)	B Endrin ke...	7.627	6.986	9398204	88605849	2.530	4.415	#
22)	Mirex	8.111	7.171	24444	3667356	0.009	0.241	#
23)	Chlordane-1	0.000	3.899	0	1454261	N.D.	1.988	#
24)	Chlordane-2	0.000	4.480	0	24499933	N.D.	32.053	#
25)	Chlordane-3	5.941	5.121	339440	23531628	0.495	10.168	#
26)	Chlordane-4	6.030	5.181	726278	17938991	0.868	9.017	#
27)	Chlordane-5	0.000	6.082	0	8246718	N.D.	9.115	#

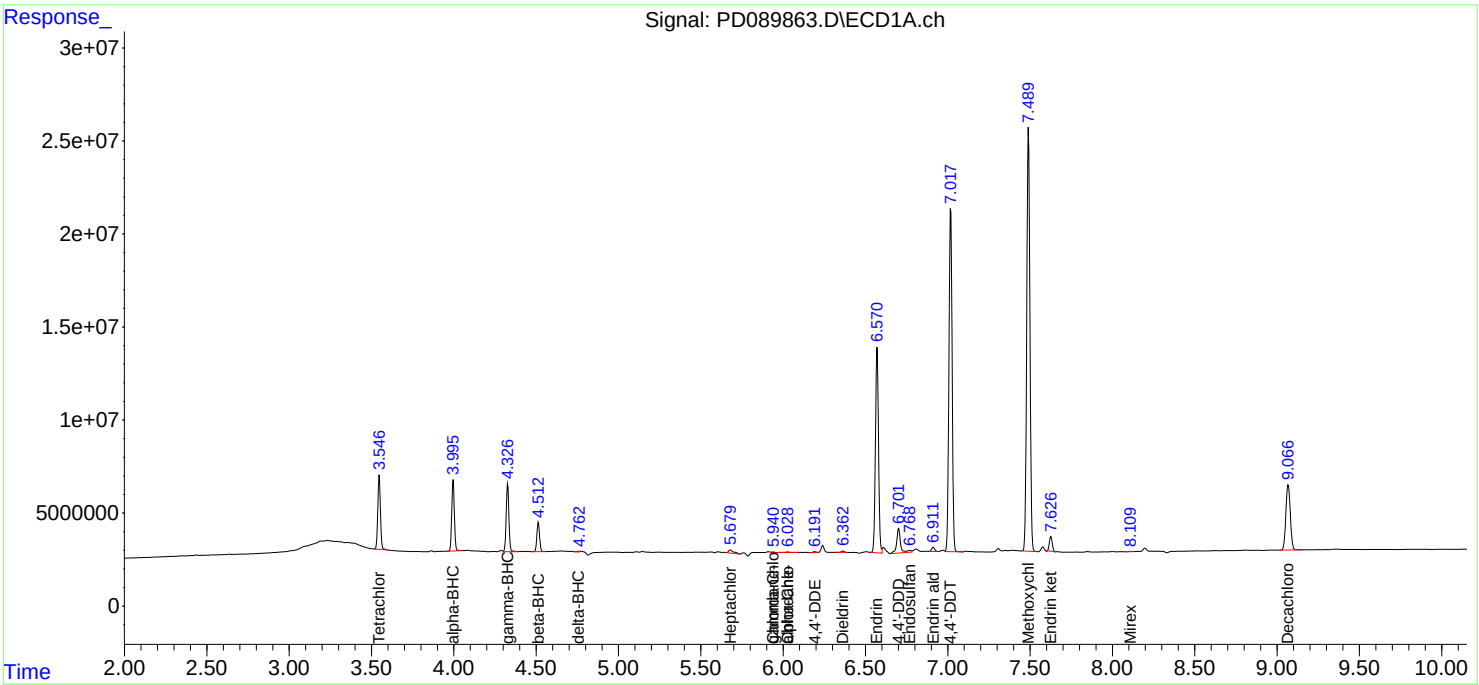
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

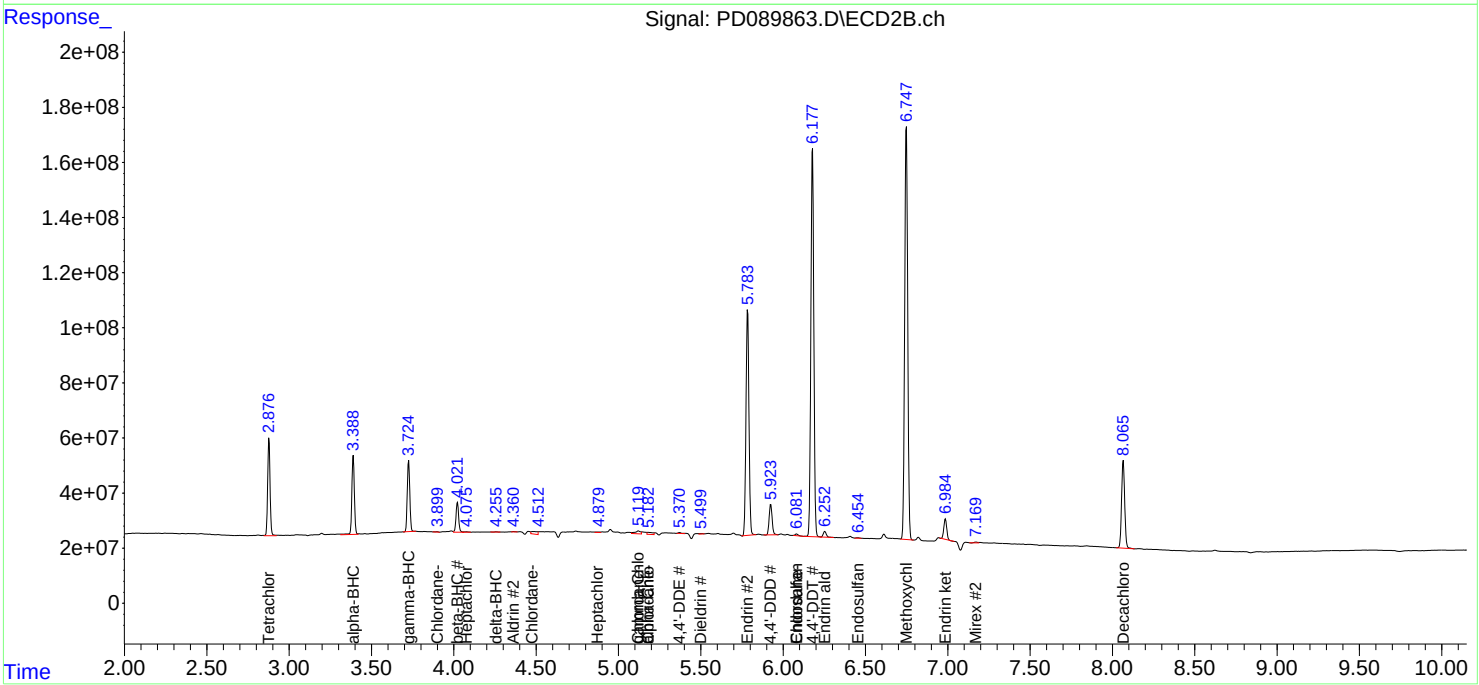
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081325\
Data File : PD089863.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2025 15:35
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

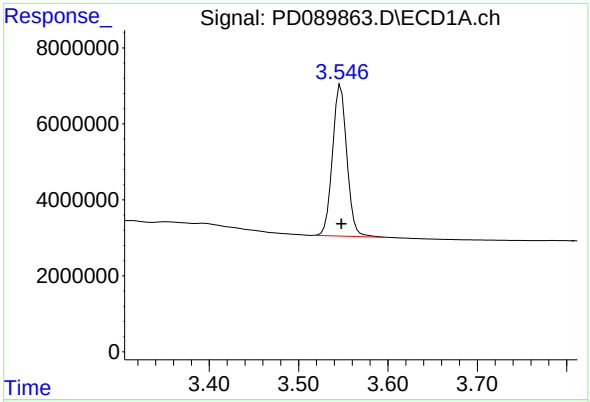
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 02:12:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



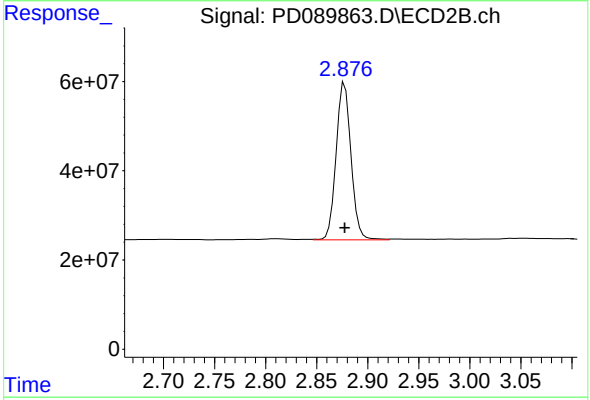




#1 Tetrachloro-m-xylene

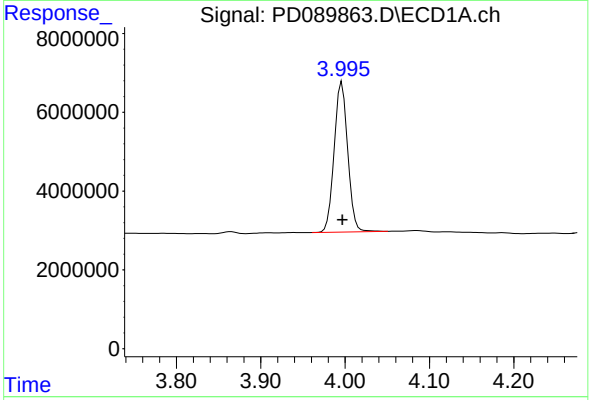
R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 44394058
Conc: 18.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



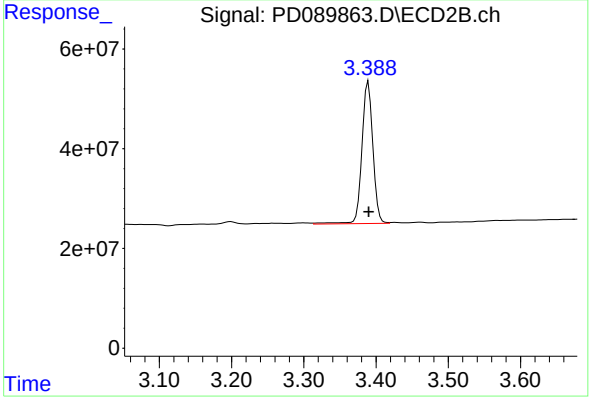
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 358116750
Conc: 22.61 ng/ml



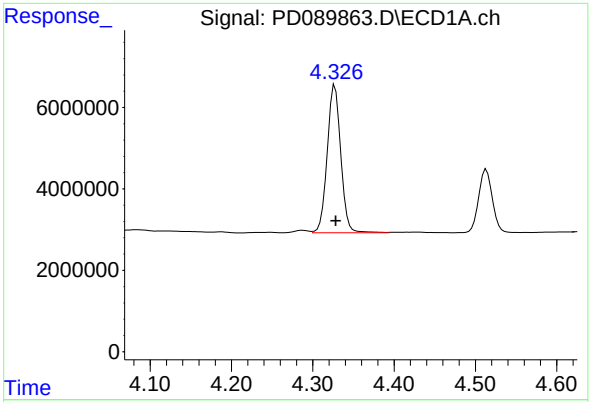
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 42420416
Conc: 8.56 ng/ml



#2 alpha-BHC

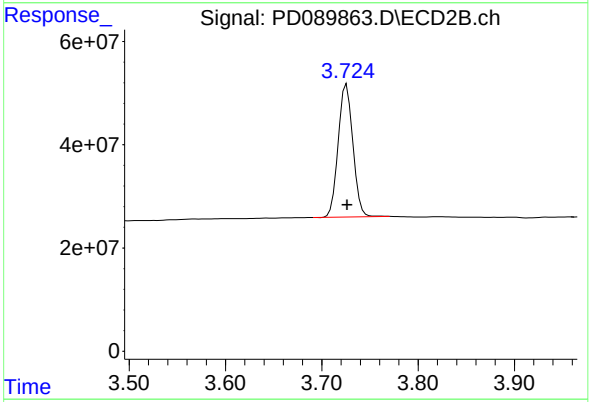
R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 302489787
Conc: 12.45 ng/ml



#3 gamma-BHC (Lindane)

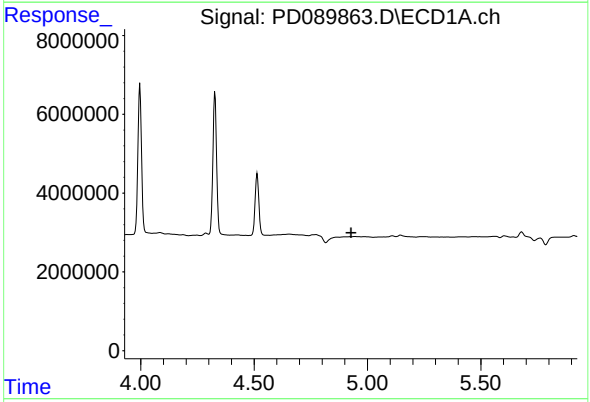
R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 42271672
Conc: 8.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



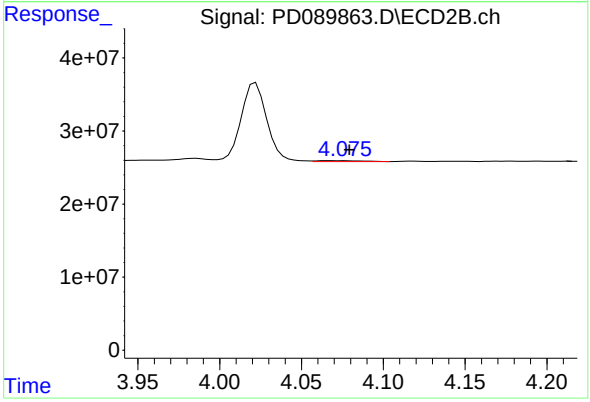
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 272197166
Conc: 12.08 ng/ml



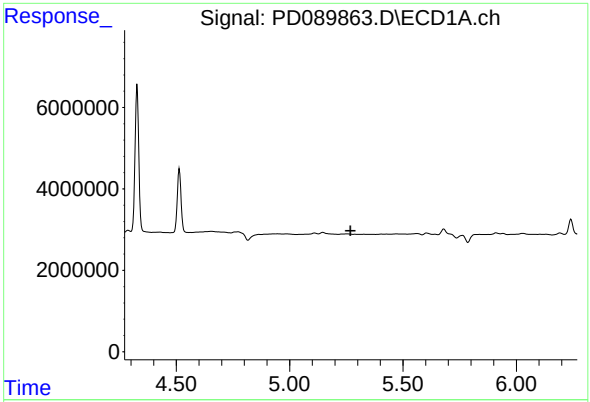
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.927 min
Response: 0
Conc: N.D.



#4 Heptachlor

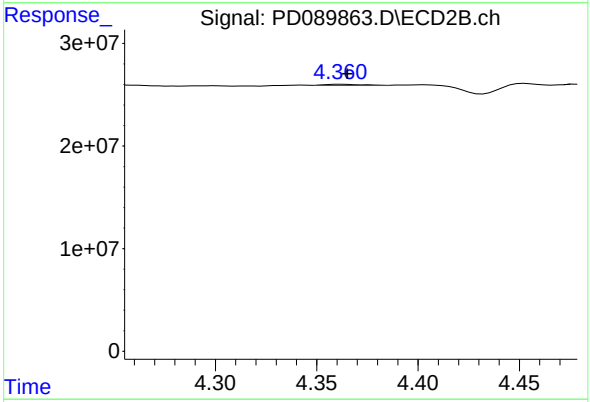
R.T.: 4.076 min
Delta R.T.: -0.003 min
Response: 2410049
Conc: 0.10 ng/ml



#5 Aldrin

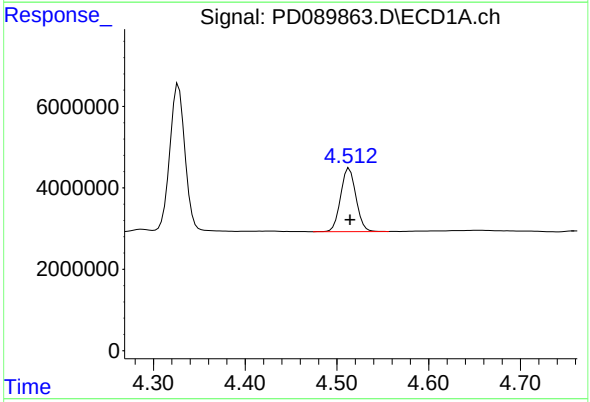
R.T.: 0.000 min
Exp R.T. : 5.269 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



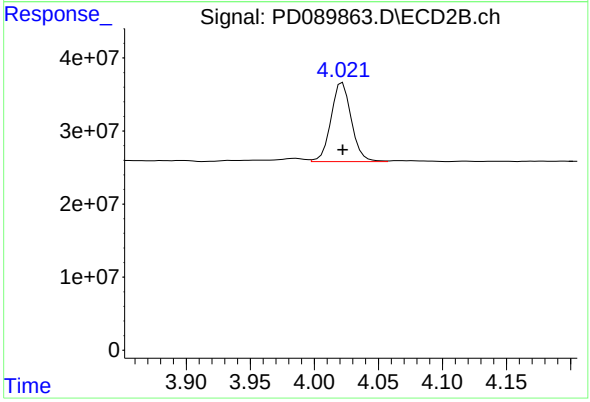
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.003 min
Response: 1678223
Conc: 0.08 ng/ml



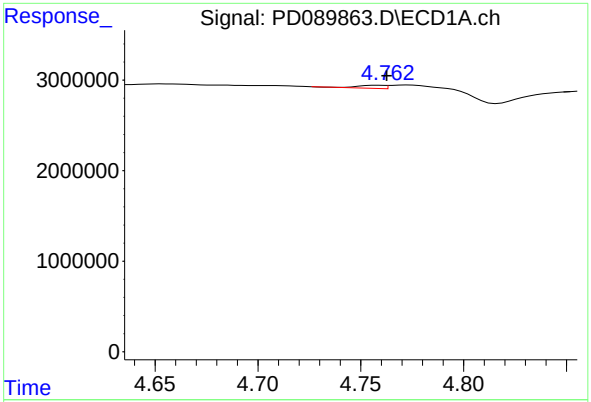
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 18010174
Conc: 9.76 ng/ml



#6 beta-BHC

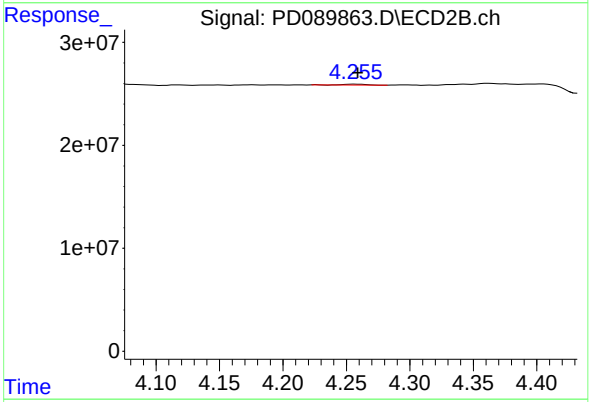
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 119418036
Conc: 12.38 ng/ml



#7 delta-BHC

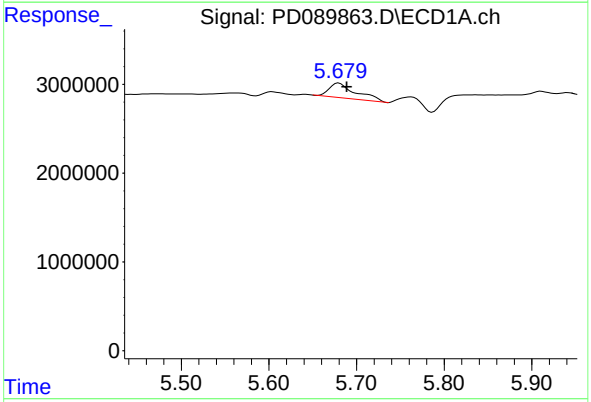
R.T.: 4.758 min
Delta R.T.: -0.005 min
Response: 314229
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



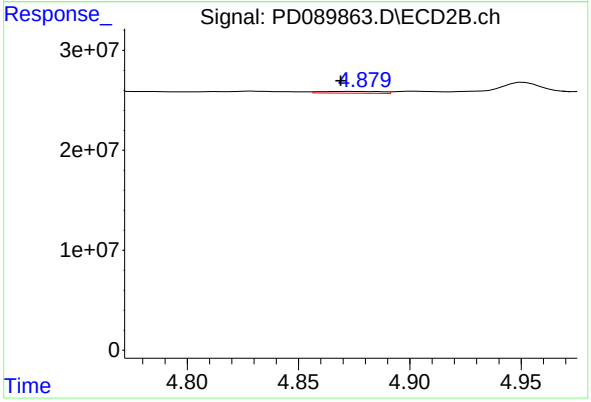
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: -0.003 min
Response: 863696
Conc: 0.04 ng/ml



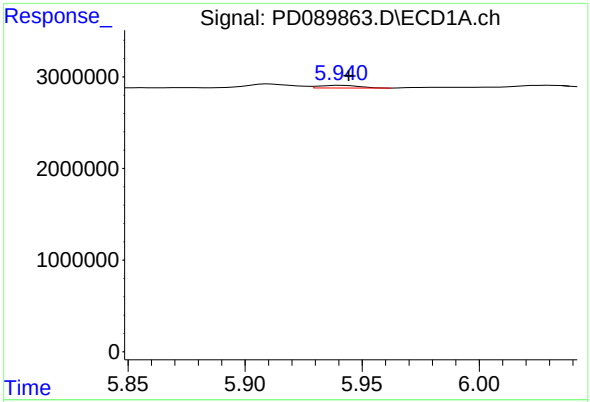
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.009 min
Response: 3542200
Conc: 0.85 ng/ml



#8 Heptachlor epoxide

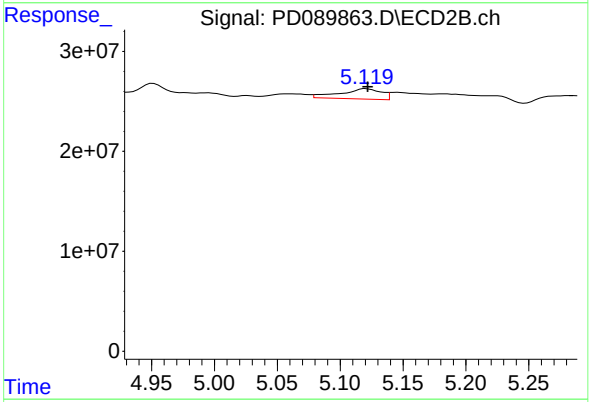
R.T.: 4.872 min
Delta R.T.: 0.004 min
Response: 3380590
Conc: 0.16 ng/ml



#10 gamma-Chlordane

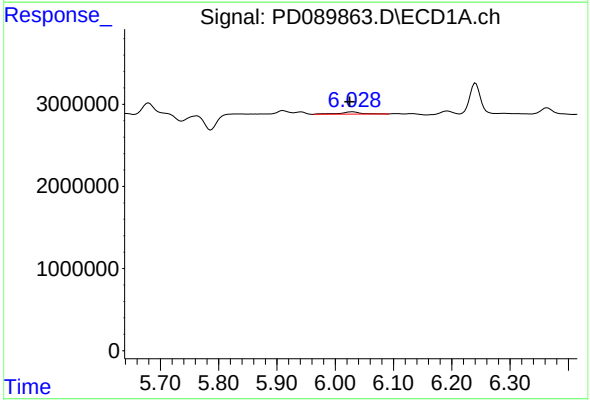
R.T.: 5.941 min
Delta R.T.: -0.003 min
Response: 339440
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



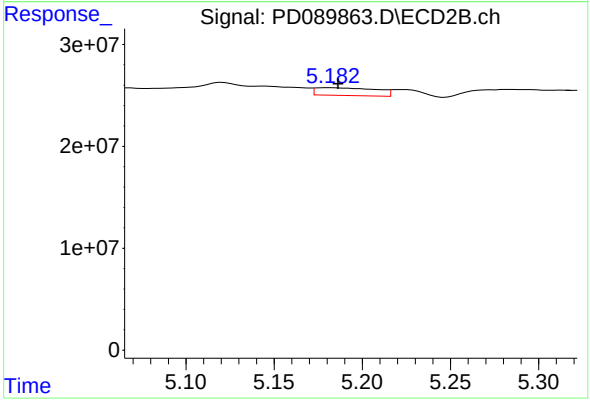
#10 gamma-Chlordane

R.T.: 5.121 min
Delta R.T.: -0.001 min
Response: 23531628
Conc: 1.09 ng/ml



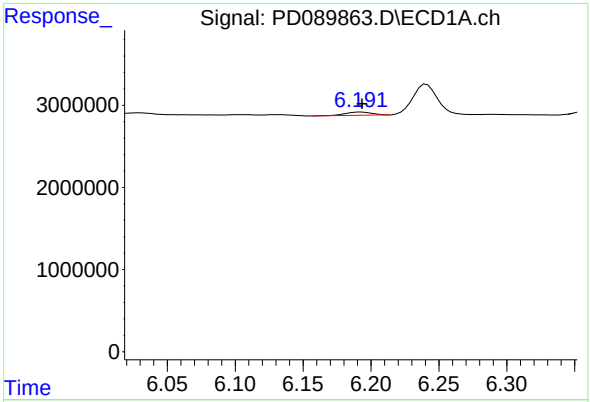
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.005 min
Response: 726278
Conc: 0.17 ng/ml



#11 alpha-Chlordane

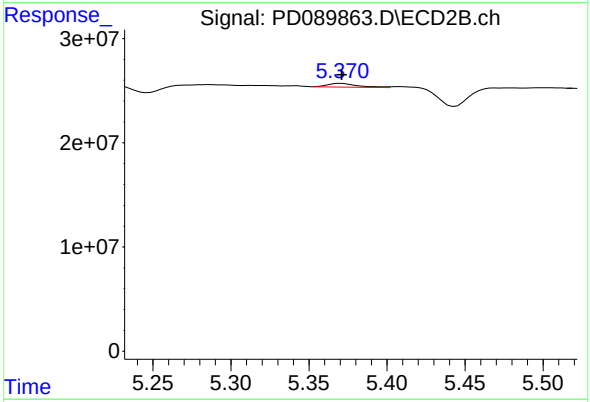
R.T.: 5.181 min
Delta R.T.: -0.005 min
Response: 17938991
Conc: 0.86 ng/ml



#12 4,4'-DDE

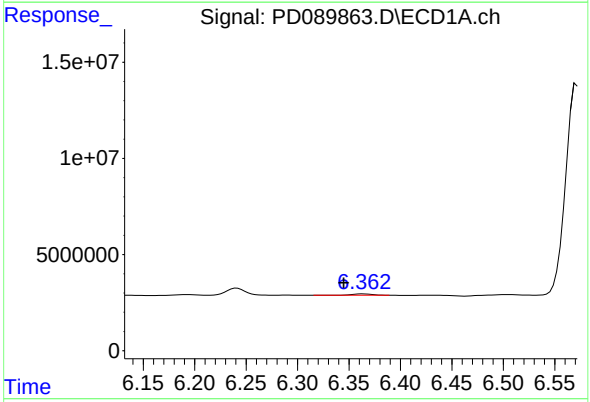
R.T.: 6.192 min
Delta R.T.: -0.001 min
Response: 533390
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



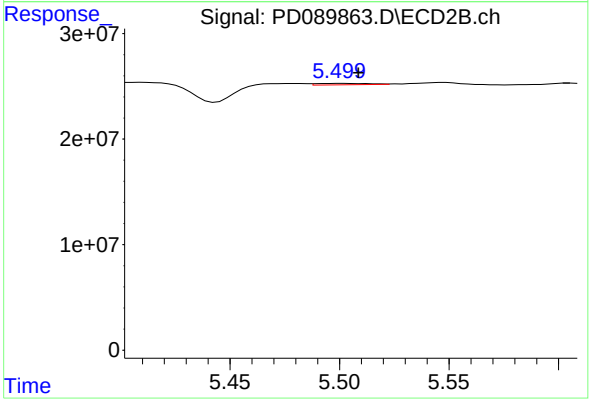
#12 4,4'-DDE

R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 4674316
Conc: 0.22 ng/ml



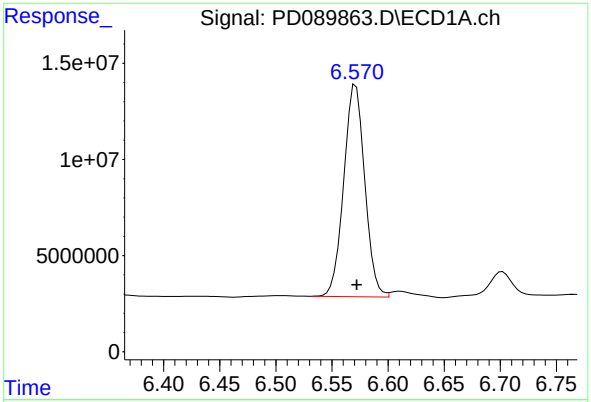
#13 Dieldrin

R.T.: 6.364 min
Delta R.T.: 0.019 min
Response: 900854
Conc: 0.21 ng/ml



#13 Dieldrin

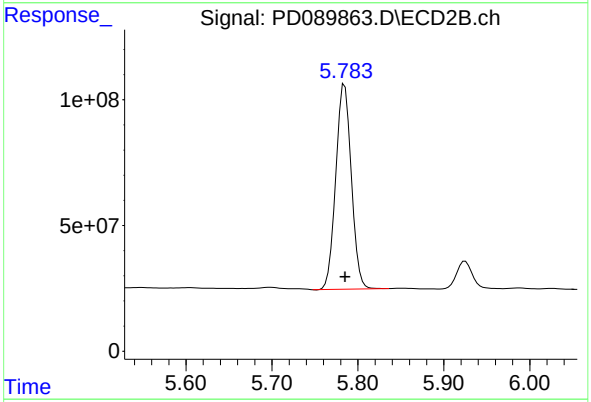
R.T.: 5.500 min
Delta R.T.: -0.008 min
Response: 2229962
Conc: 0.10 ng/ml



#14 Endrin

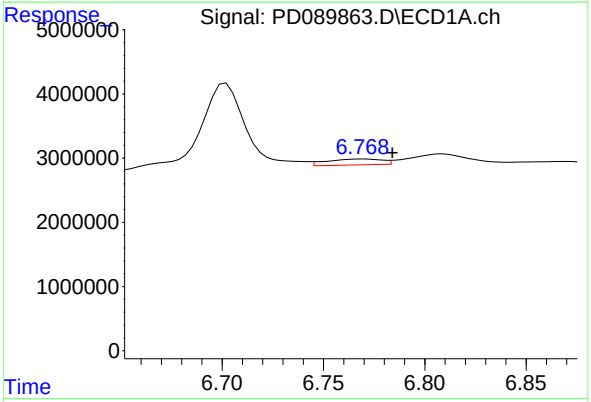
R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 143502037
Conc: 40.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



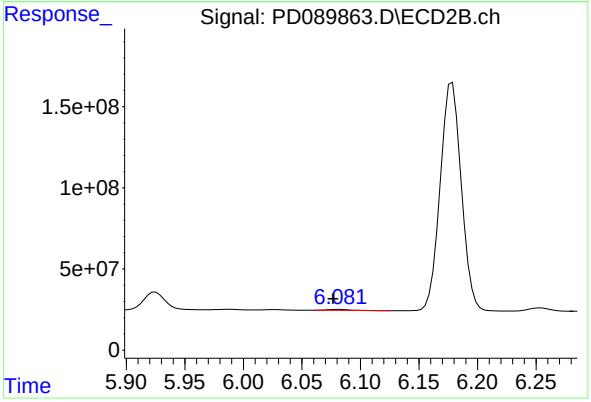
#14 Endrin

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 1025090577
Conc: 51.45 ng/ml



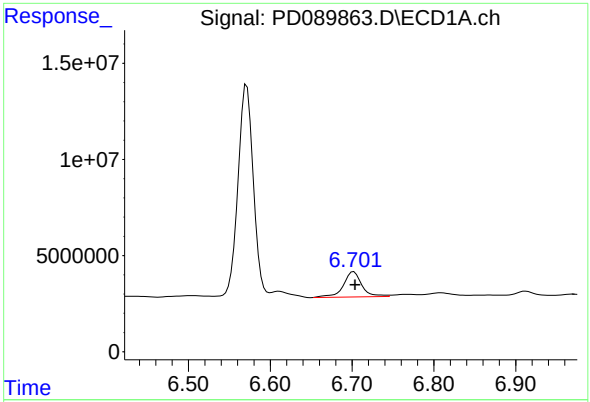
#15 Endosulfan II

R.T.: 6.769 min
Delta R.T.: -0.015 min
Response: 1755634
Conc: 0.48 ng/ml



#15 Endosulfan II

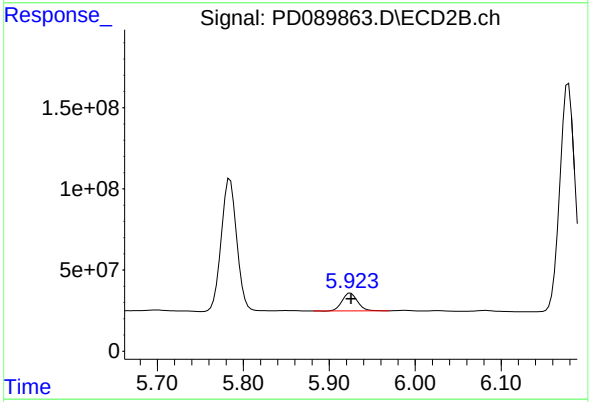
R.T.: 6.082 min
Delta R.T.: 0.005 min
Response: 8246718
Conc: 0.44 ng/ml



#16 4,4'-DDD

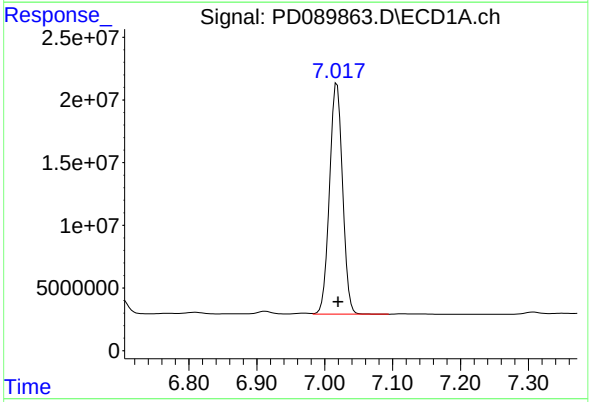
R.T.: 6.702 min
Delta R.T.: -0.002 min
Response: 20518744
Conc: 6.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



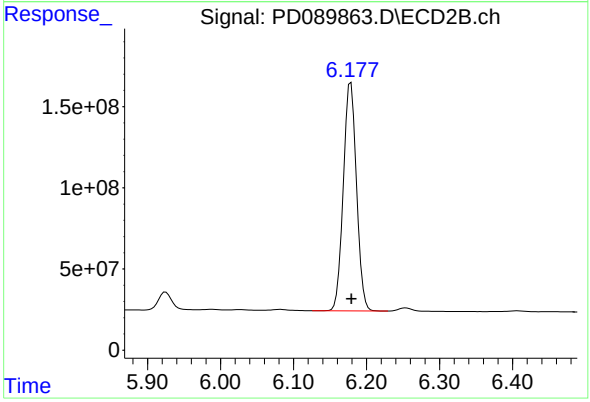
#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 137111487
Conc: 7.78 ng/ml



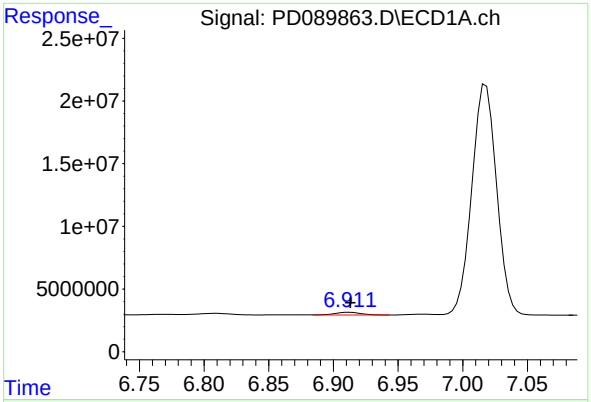
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.001 min
Response: 245866075
Conc: 73.17 ng/ml



#17 4,4'-DDT

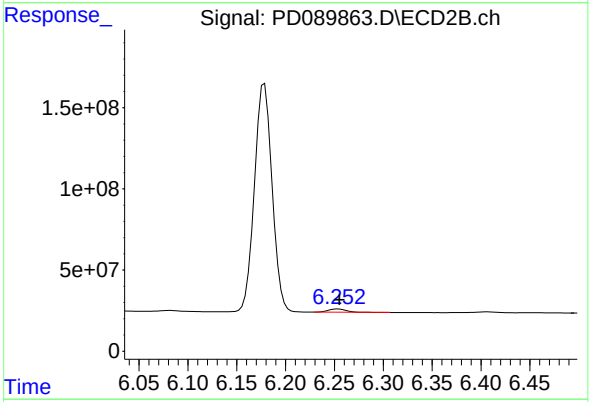
R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 1766614061
Conc: 96.15 ng/ml



#18 Endrin aldehyde

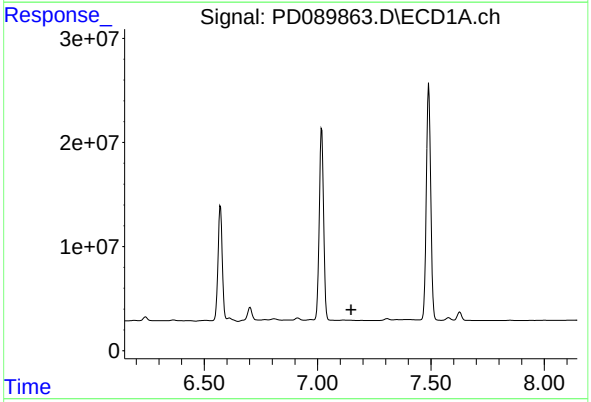
R.T.: 6.912 min
Delta R.T.: 0.000 min
Response: 2969066
Conc: 1.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



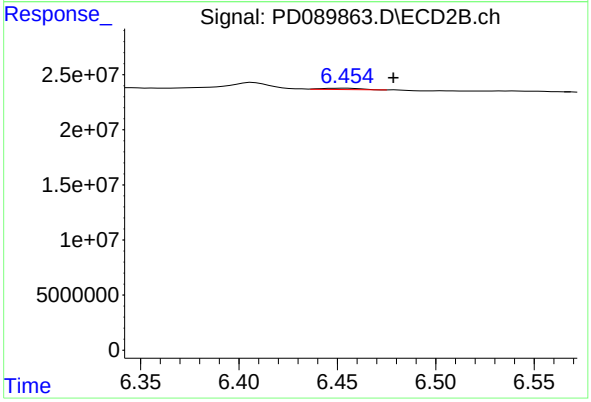
#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: -0.002 min
Response: 25352425
Conc: 1.96 ng/ml



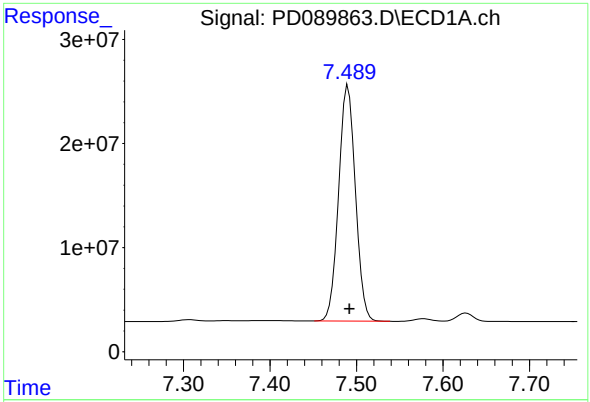
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.148 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

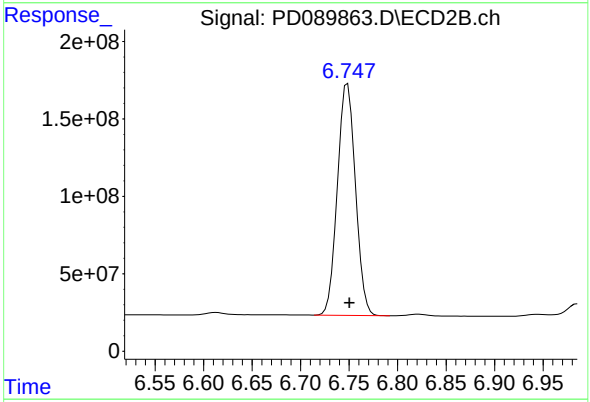
R.T.: 6.455 min
Delta R.T.: -0.024 min
Response: 1647311
Conc: 0.09 ng/ml



#20 Methoxychlor

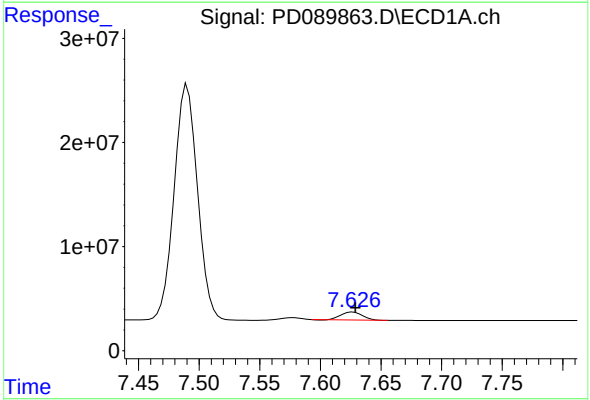
R.T.: 7.490 min
Delta R.T.: -0.002 min
Response: 303636496
Conc: 169.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



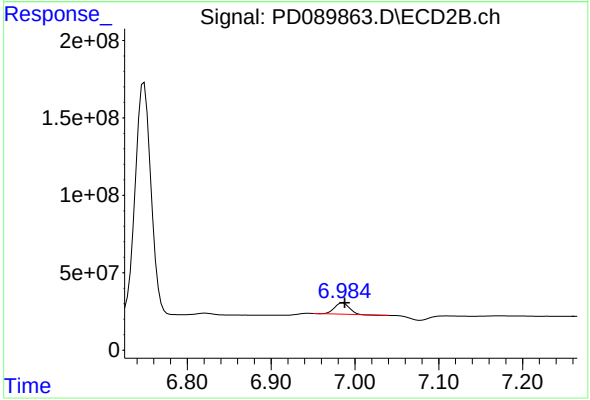
#20 Methoxychlor

R.T.: 6.748 min
Delta R.T.: -0.002 min
Response: 1939590057
Conc: 198.01 ng/ml



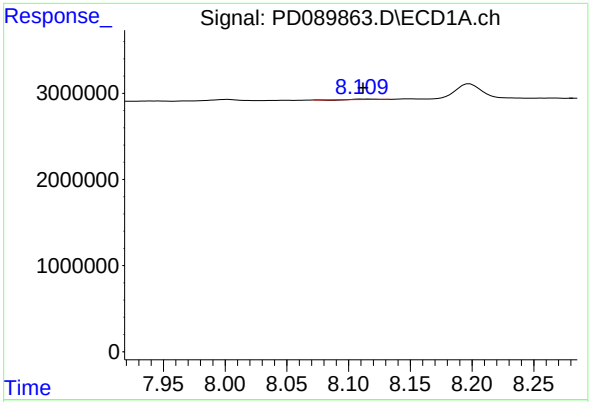
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: -0.002 min
Response: 9398204
Conc: 2.53 ng/ml



#21 Endrin ketone

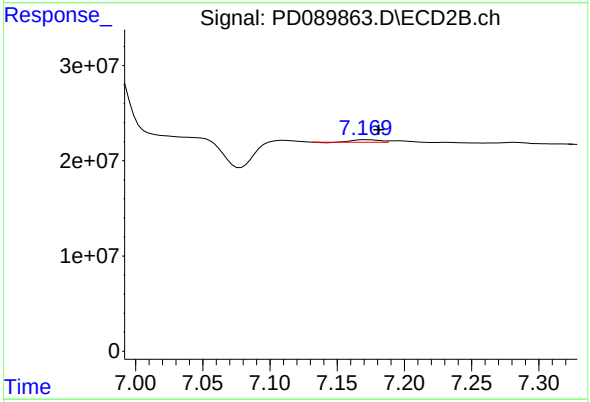
R.T.: 6.986 min
Delta R.T.: -0.002 min
Response: 88605849
Conc: 4.42 ng/ml



#22 Mirex

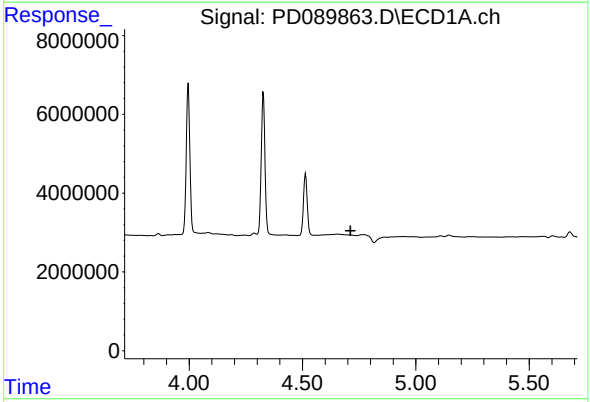
R.T.: 8.111 min
Delta R.T.: -0.001 min
Response: 24444
Conc: 0.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



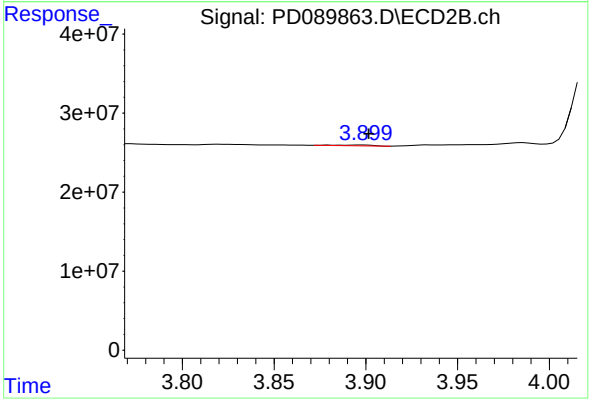
#22 Mirex

R.T.: 7.171 min
Delta R.T.: -0.010 min
Response: 3667356
Conc: 0.24 ng/ml



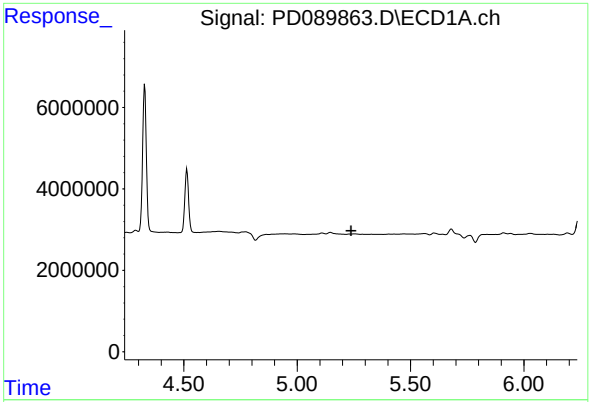
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.712 min
Response: 0
Conc: N.D.



#23 Chlordane-1

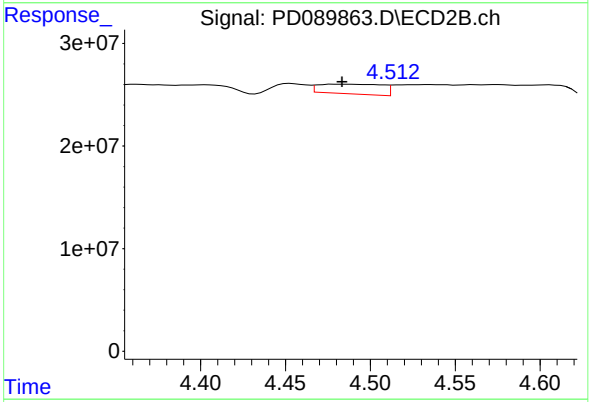
R.T.: 3.899 min
Delta R.T.: -0.003 min
Response: 1454261
Conc: 1.99 ng/ml



#24 Chlordane-2

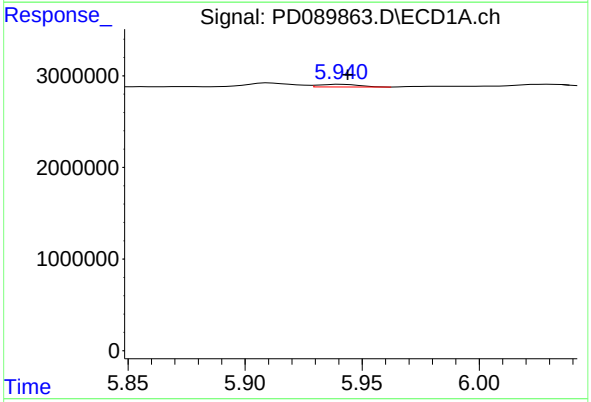
R.T.: 0.000 min
Exp R.T. : 5.238 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



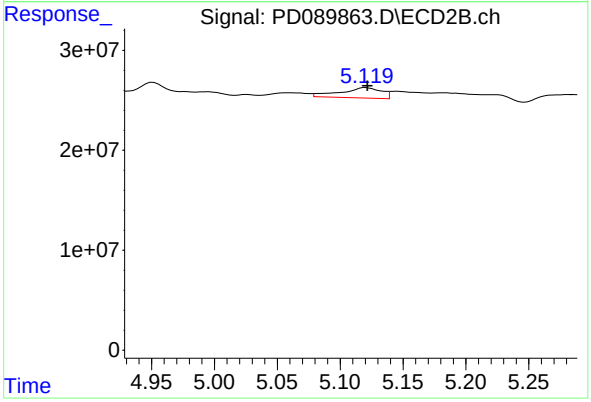
#24 Chlordane-2

R.T.: 4.480 min
Delta R.T.: -0.004 min
Response: 24499933
Conc: 32.05 ng/ml



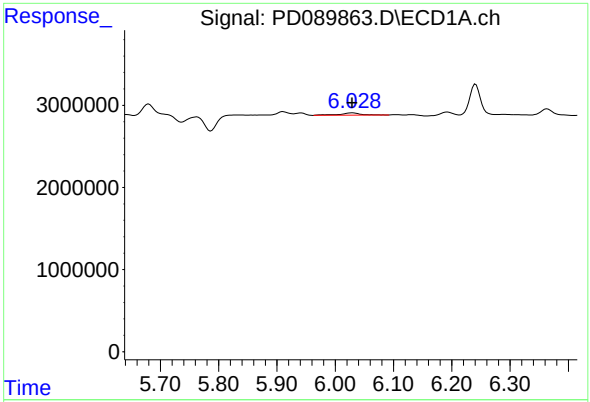
#25 Chlordane-3

R.T.: 5.941 min
Delta R.T.: -0.003 min
Response: 339440
Conc: 0.49 ng/ml



#25 Chlordane-3

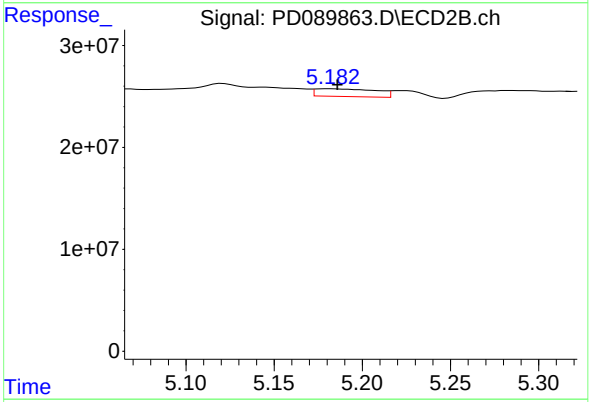
R.T.: 5.121 min
Delta R.T.: -0.001 min
Response: 23531628
Conc: 10.17 ng/ml



#26 Chlordane-4

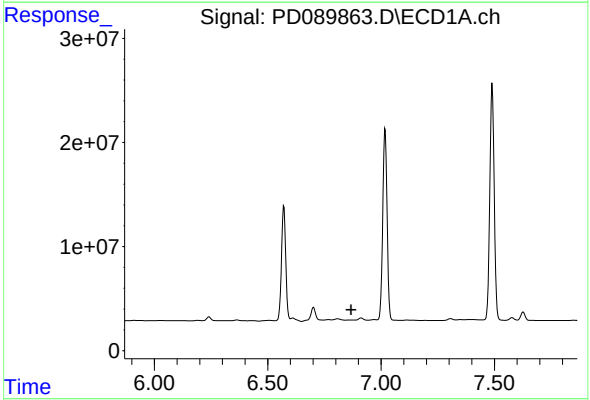
R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 726278
Conc: 0.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



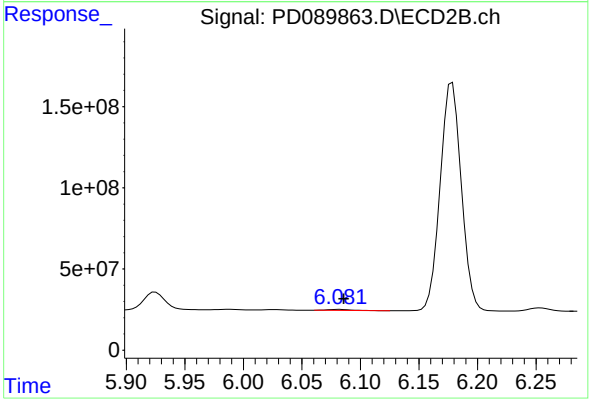
#26 Chlordane-4

R.T.: 5.181 min
Delta R.T.: -0.005 min
Response: 17938991
Conc: 9.02 ng/ml



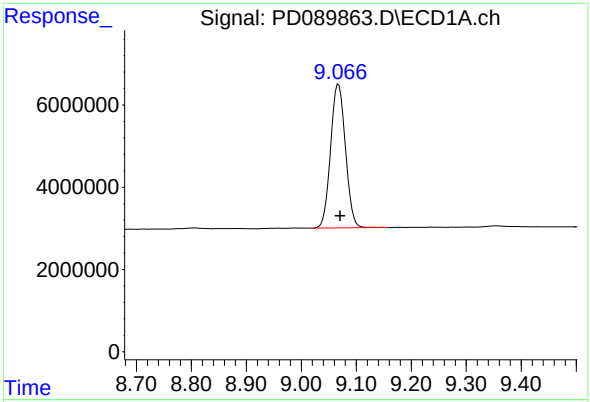
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.868 min
Response: 0
Conc: N.D.



#27 Chlordane-5

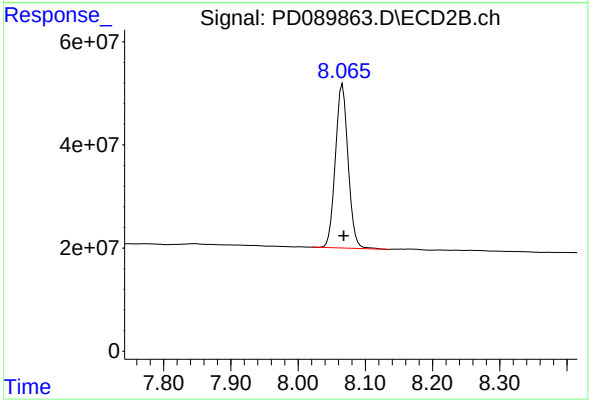
R.T.: 6.082 min
Delta R.T.: -0.004 min
Response: 8246718
Conc: 9.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 65592115
Conc: 17.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: -0.002 min
Response: 415503599
Conc: 20.69 ng/ml