Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041924\
Data File : PL089089.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Apr 2024 10:55
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: Apr 20 00:39:53 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
Quant Title : GC Extractables
QLast Update : Mon Apr 15 18:43:22 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	42829955	28180982	20.152	21.143	
28)	SA Decachlor...	9.064	7.951	27824549	28538876	21.844	21.312	
	Target Compounds							
2)	A alpha-BHC	4.006	3.303	31482350	18942329	10.529	9.574	
3)	MA gamma-BHC...	4.338	3.634	30911864	17832027	10.714	9.270	
5)	MB Aldrin	5.277	4.267	135319	213689	0.052	0.116	#
6)	B beta-BHC	4.533	3.931	21005386	9380312	15.654	11.224	#
7)	B delta-BHC	0.000	4.167	0	92509	N.D.	0.051	#
8)	B Heptachlo...	5.688	0.000	2871064	0	1.217	N.D.	#
9)	A Endosulfan I	6.075	5.124	931715	85968	0.426	0.057	#
10)	B gamma-Chl...	5.965	5.017	486350	430305	0.212	0.262	
11)	B alpha-Chl...	6.048f	5.086	2528790	106381	1.105	0.064	#
12)	B 4,4'-DDE	6.203	5.265	2301565	477261	1.145	0.325	#
13)	MA Dieldrin	6.379f	5.402	1517963	37224	0.673	0.023	#
14)	MA Endrin	6.585	5.671	83385221	71229269	44.369	49.010	
15)	B Endosulfa...	6.821f	5.981f	2890807	1110448	1.501	0.777	#
16)	A 4,4'-DDD	6.718	5.818	7218697	3866190	4.478	3.193	#
17)	MA 4,4'-DDT	7.032	6.070	152.2E6	144.8E6	83.546	110.445	#
18)	B Endrin al...	6.933	6.144	4295223	2950818	2.935	2.685	
19)	B Endosulfa...	7.162	6.358	245364	156516	0.143	0.116	
20)	A Methoxychlor	7.507	6.646	194.6E6	185.9E6	220.892	248.748	
21)	B Endrin ke...	7.651	6.872	7531692	5504281	3.905	3.478	
23)	Chlordane-1	0.000	3.805	0	32702	N.D.	0.637	#
24)	Chlordane-2	5.243	4.366	158740	228197	1.681	3.514	#
25)	Chlordane-3	5.965	5.017	486350	430305	1.509	2.491	#
26)	Chlordane-4	6.048	5.086	2528790	106381	6.397	0.656	#
27)	Chlordane-5	0.000	5.751	0	46175	N.D.	0.916	#

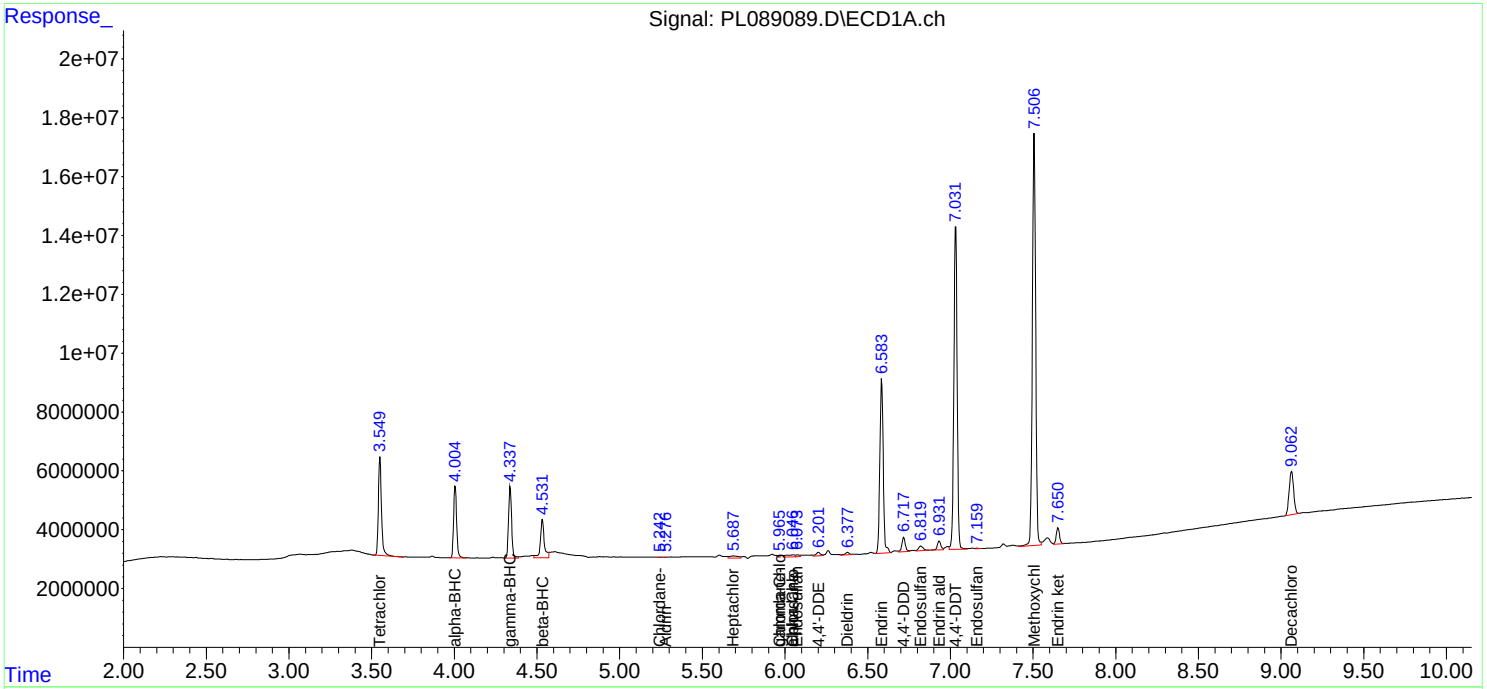
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

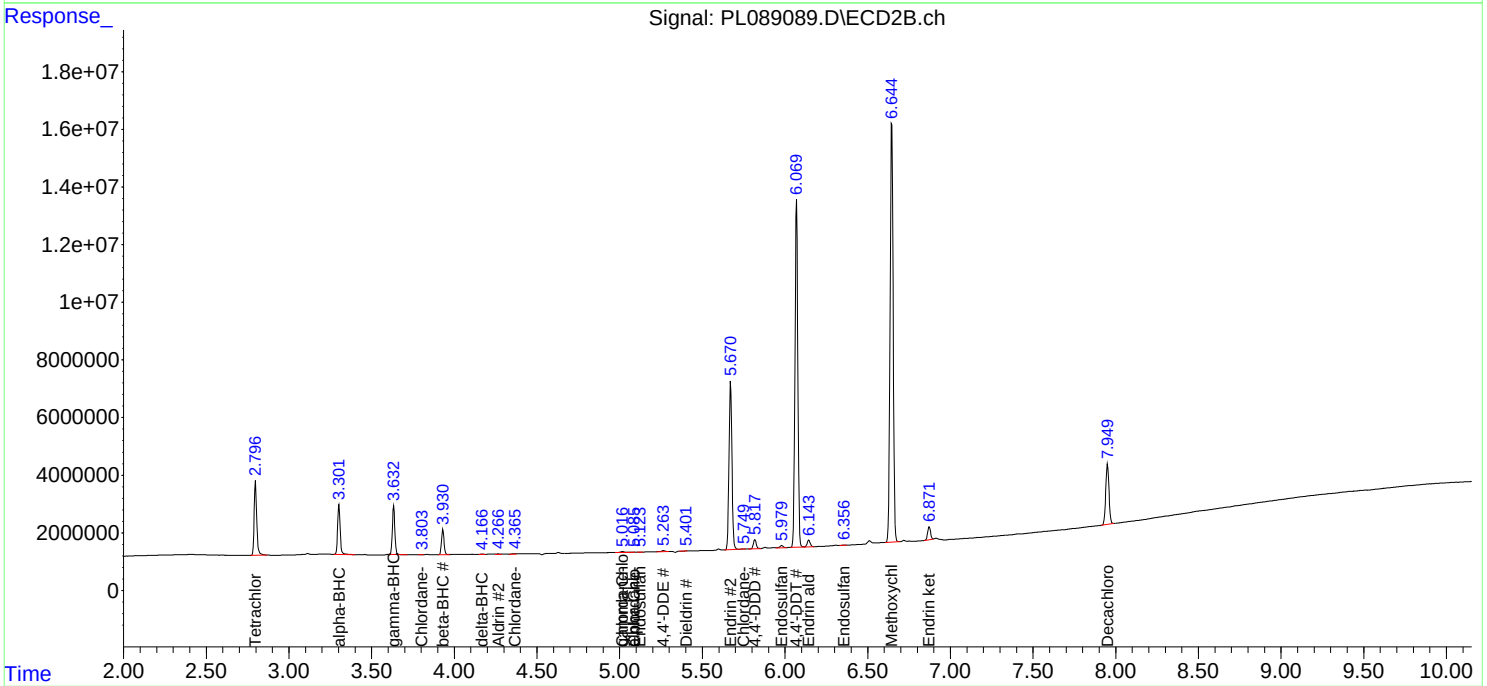
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041924\
Data File : PL089089.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Apr 2024 10:55
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

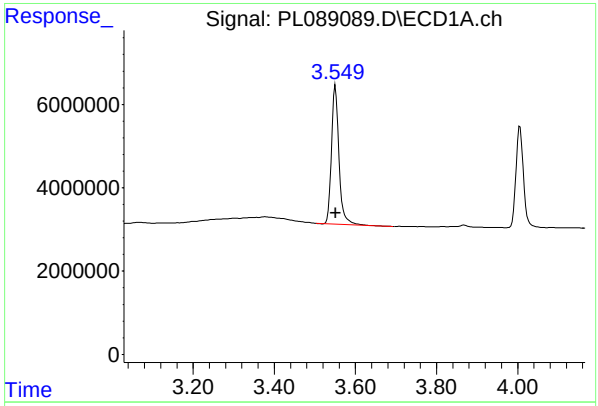
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 20 00:39:53 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
Quant Title : GC Extractables
QLast Update : Mon Apr 15 18:43:22 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



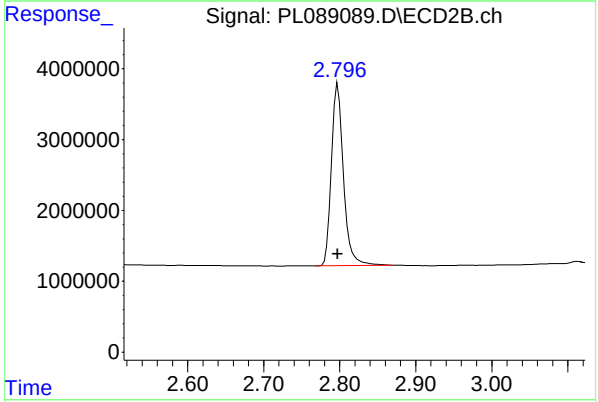




#1 Tetrachloro-m-xylene

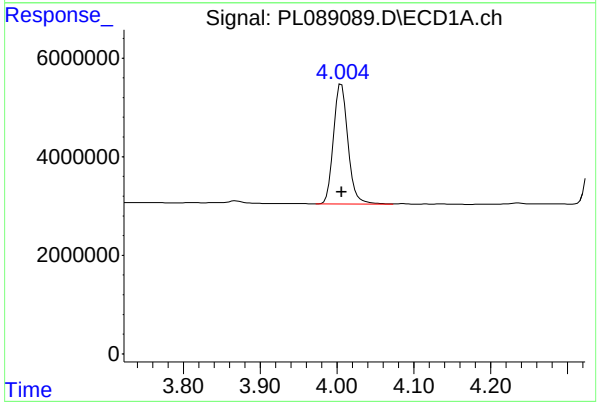
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 42829955
Conc: 20.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



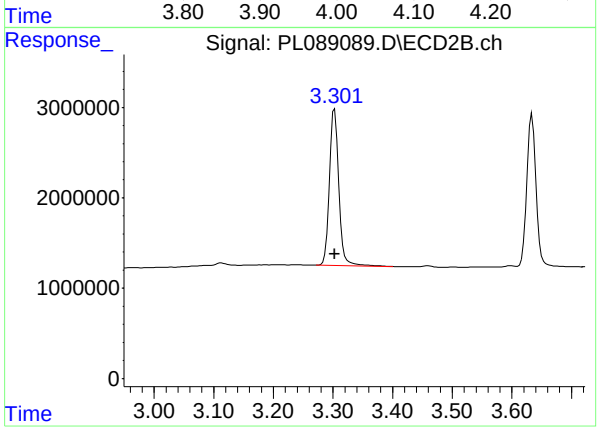
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.000 min
Response: 28180982
Conc: 21.14 ng/ml



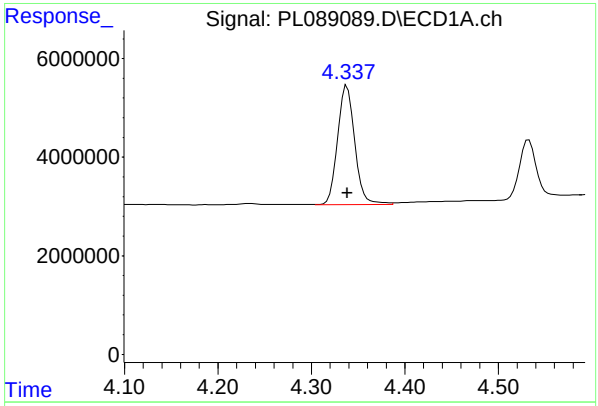
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 31482350
Conc: 10.53 ng/ml



#2 alpha-BHC

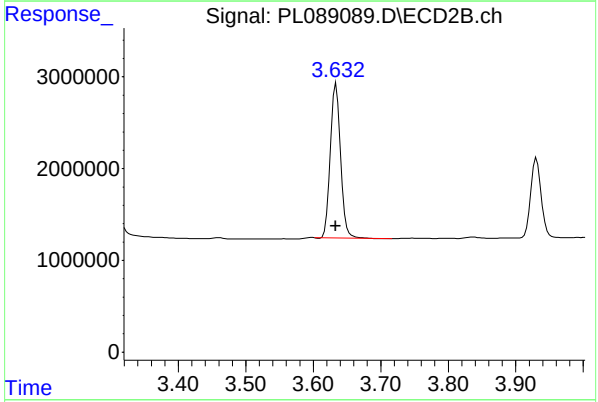
R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 18942329
Conc: 9.57 ng/ml



#3 gamma-BHC (Lindane)

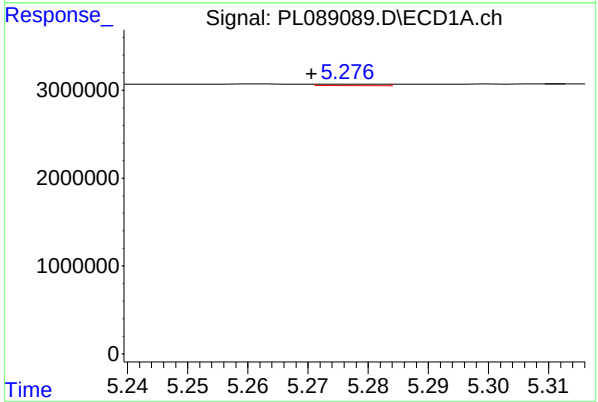
R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 30911864
Conc: 10.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



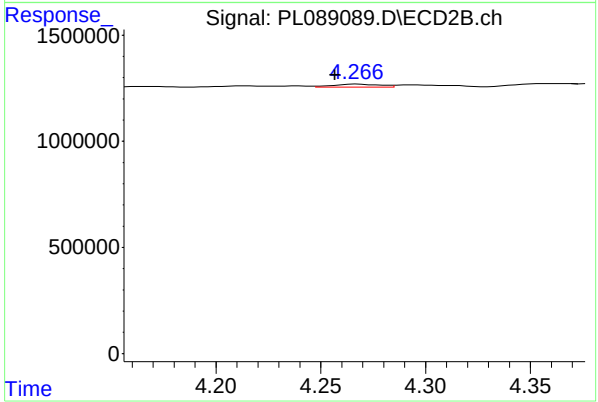
#3 gamma-BHC (Lindane)

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 17832027
Conc: 9.27 ng/ml



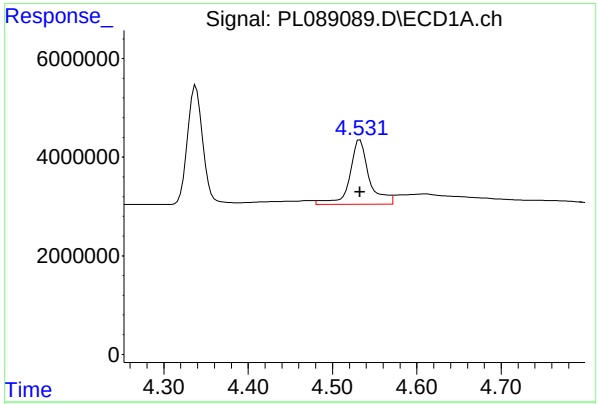
#5 Aldrin

R.T.: 5.277 min
Delta R.T.: 0.007 min
Response: 135319
Conc: 0.05 ng/ml



#5 Aldrin

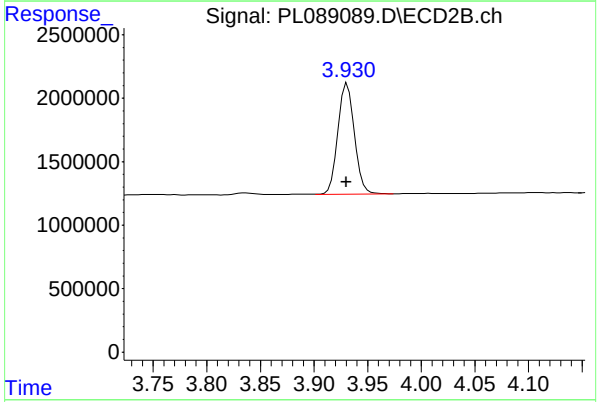
R.T.: 4.267 min
Delta R.T.: 0.010 min
Response: 213689
Conc: 0.12 ng/ml



#6 beta-BHC

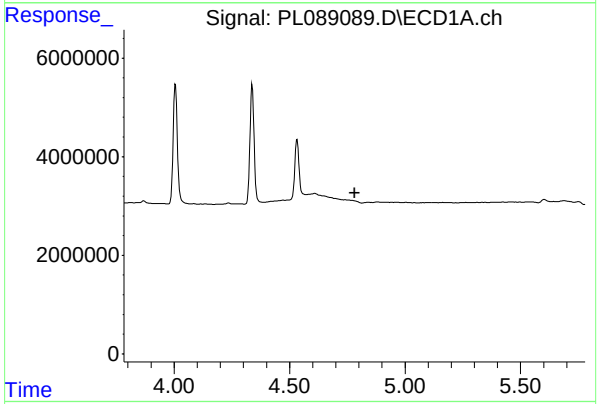
R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 21005386
Conc: 15.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



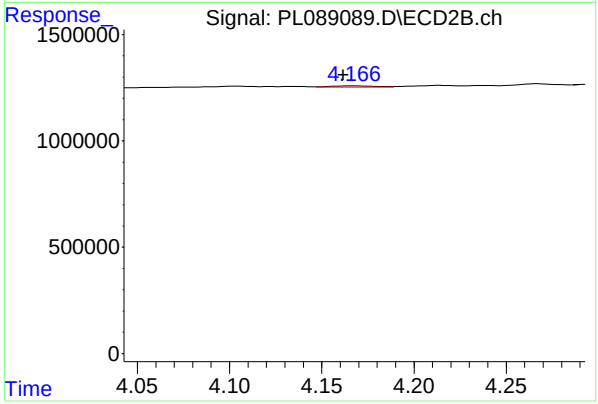
#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 9380312
Conc: 11.22 ng/ml



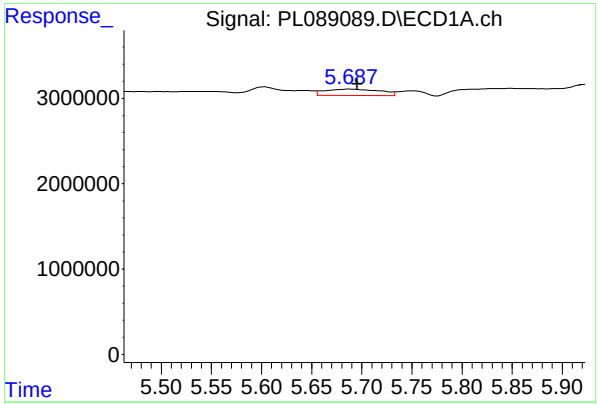
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.781 min
Response: 0
Conc: N.D.



#7 delta-BHC

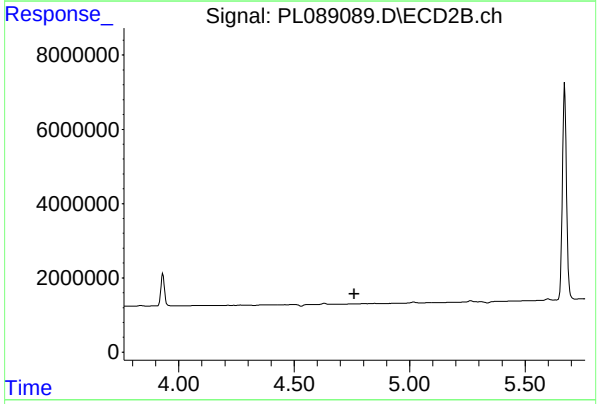
R.T.: 4.167 min
Delta R.T.: 0.006 min
Response: 92509
Conc: 0.05 ng/ml



#8 Heptachlor epoxide

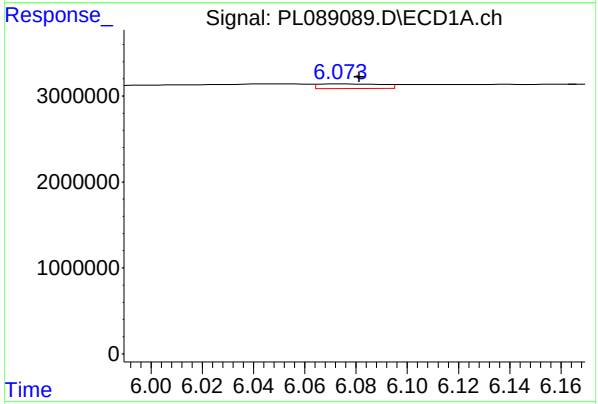
R.T.: 5.688 min
Delta R.T.: -0.007 min
Response: 2871064
Conc: 1.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



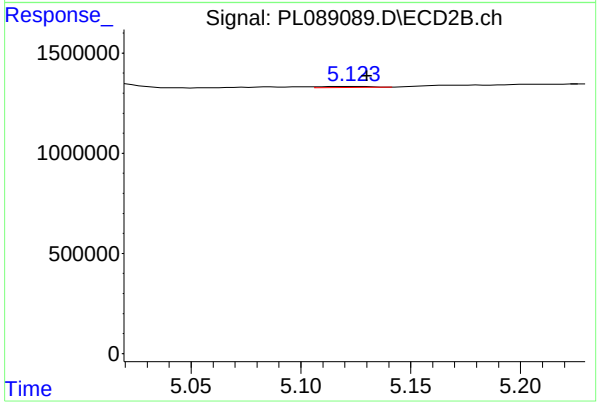
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.760 min
Response: 0
Conc: N.D.



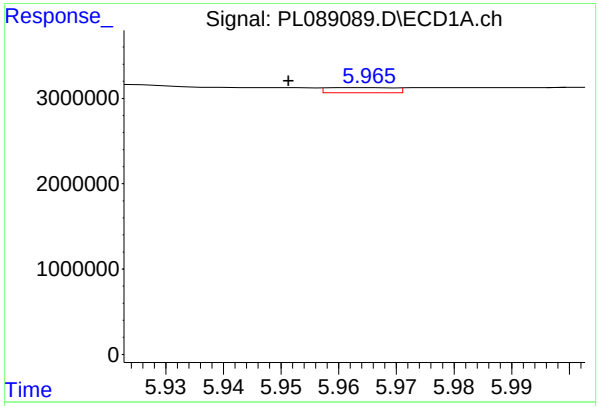
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: -0.006 min
Response: 931715
Conc: 0.43 ng/ml



#9 Endosulfan I

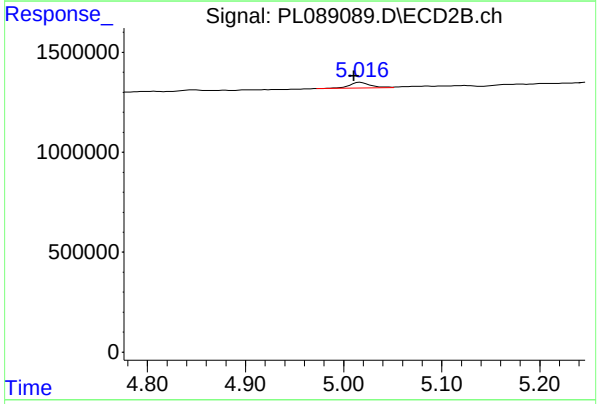
R.T.: 5.124 min
Delta R.T.: -0.006 min
Response: 85968
Conc: 0.06 ng/ml



#10 gamma-Chlordane

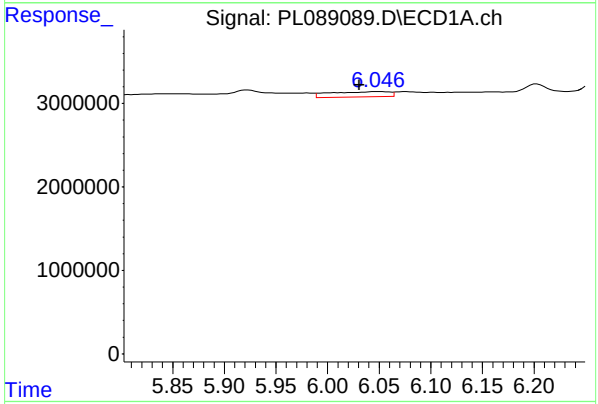
R.T.: 5.965 min
Delta R.T.: 0.013 min
Response: 486350
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



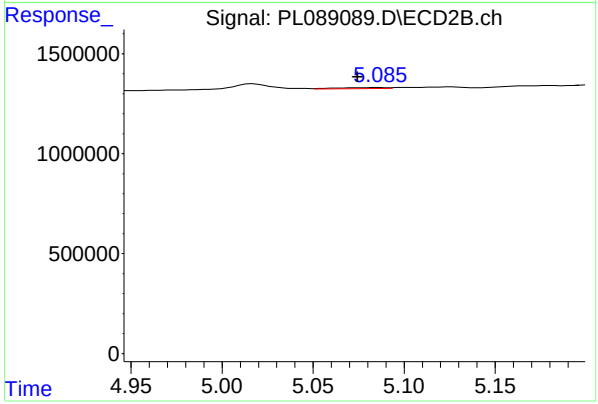
#10 gamma-Chlordane

R.T.: 5.017 min
Delta R.T.: 0.007 min
Response: 430305
Conc: 0.26 ng/ml



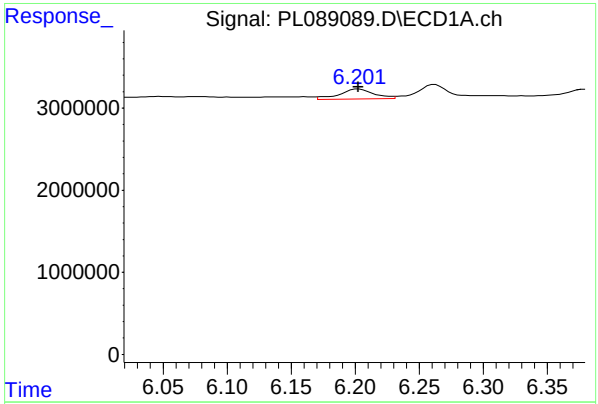
#11 alpha-Chlordane

R.T.: 6.048 min
Delta R.T.: 0.017 min
Response: 2528790
Conc: 1.10 ng/ml



#11 alpha-Chlordane

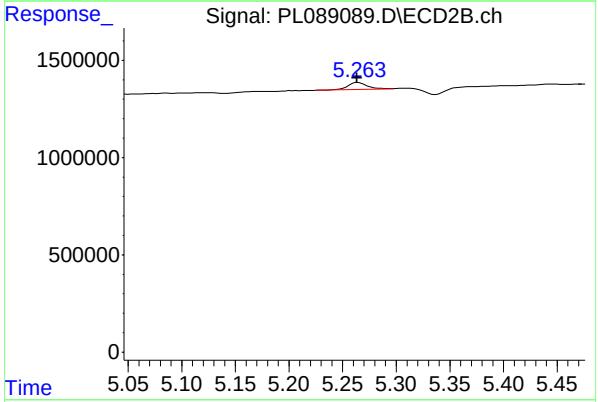
R.T.: 5.086 min
Delta R.T.: 0.012 min
Response: 106381
Conc: 0.06 ng/ml



#12 4,4'-DDE

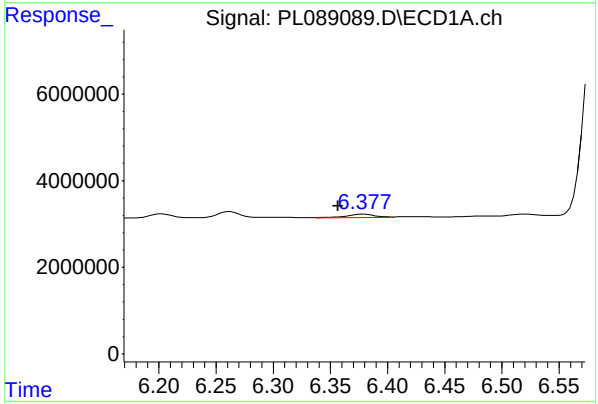
R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 2301565
Conc: 1.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



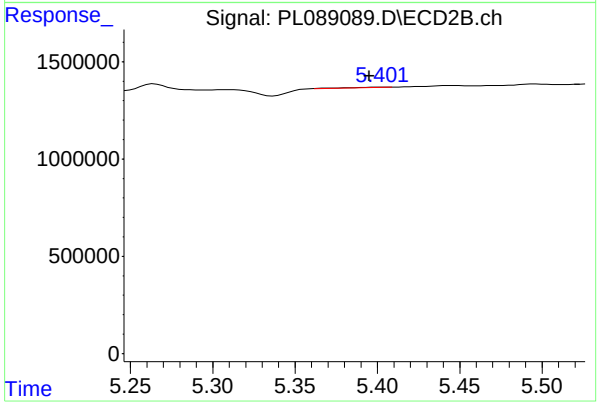
#12 4,4'-DDE

R.T.: 5.265 min
Delta R.T.: 0.001 min
Response: 477261
Conc: 0.32 ng/ml



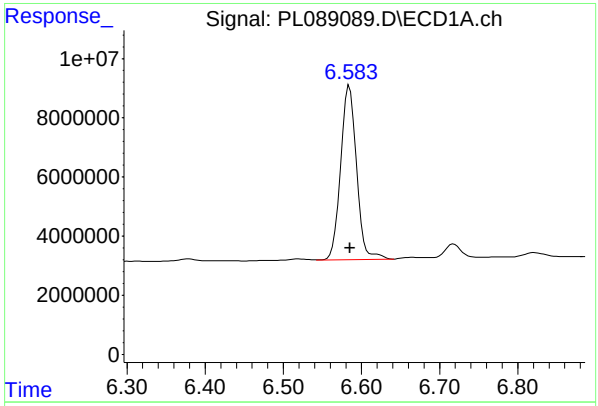
#13 Dieldrin

R.T.: 6.379 min
Delta R.T.: 0.022 min
Response: 1517963
Conc: 0.67 ng/ml



#13 Dieldrin

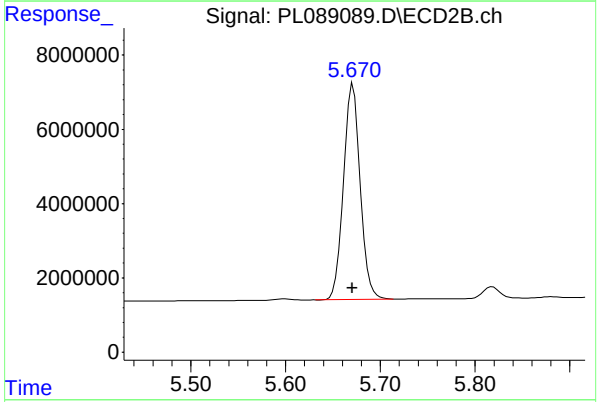
R.T.: 5.402 min
Delta R.T.: 0.007 min
Response: 37224
Conc: 0.02 ng/ml



#14 Endrin

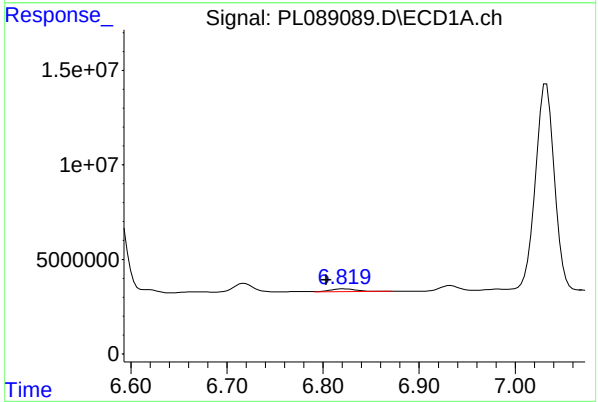
R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 83385221
Conc: 44.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



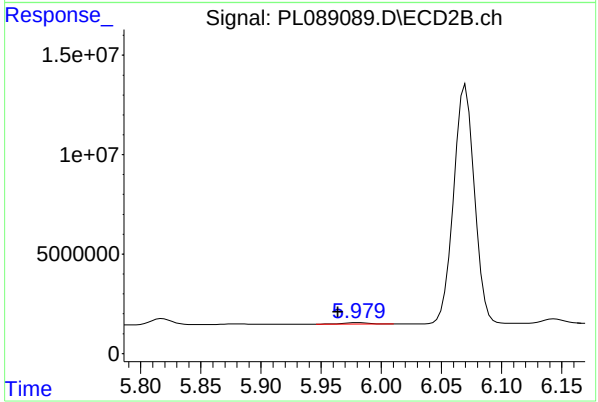
#14 Endrin

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 71229269
Conc: 49.01 ng/ml



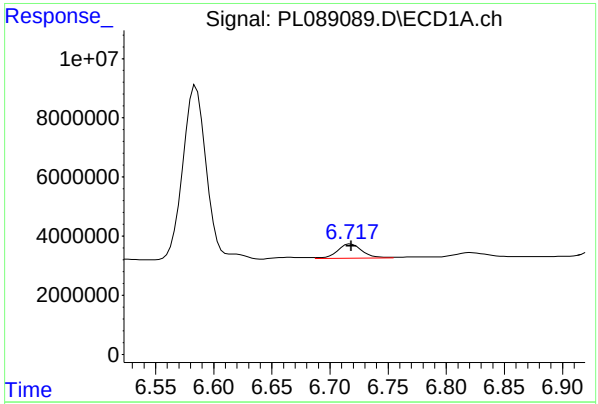
#15 Endosulfan II

R.T.: 6.821 min
Delta R.T.: 0.018 min
Response: 2890807
Conc: 1.50 ng/ml



#15 Endosulfan II

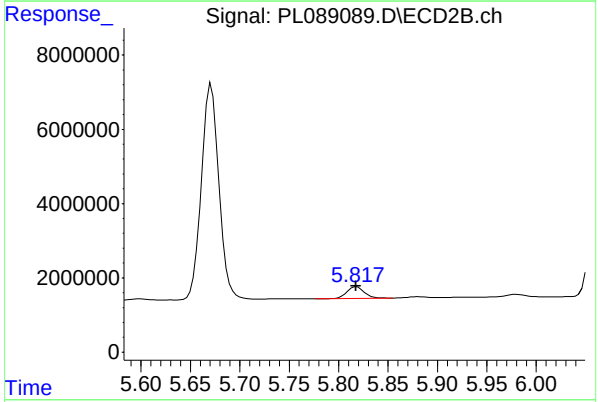
R.T.: 5.981 min
Delta R.T.: 0.017 min
Response: 1110448
Conc: 0.78 ng/ml



#16 4,4'-DDD

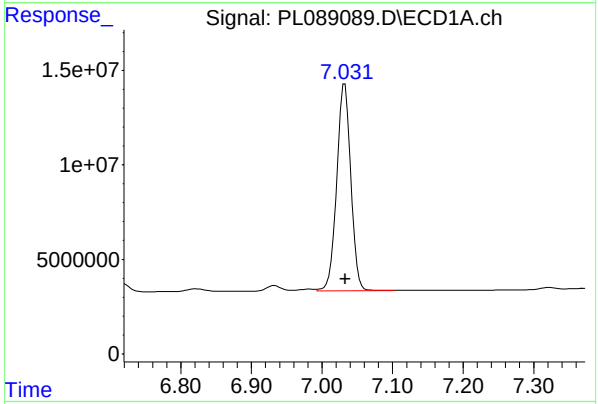
R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 7218697
Conc: 4.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



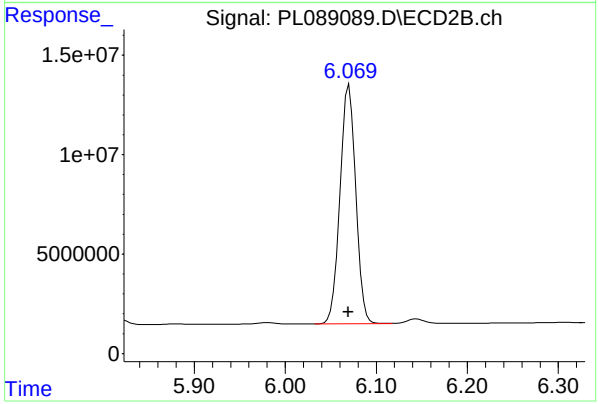
#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 3866190
Conc: 3.19 ng/ml



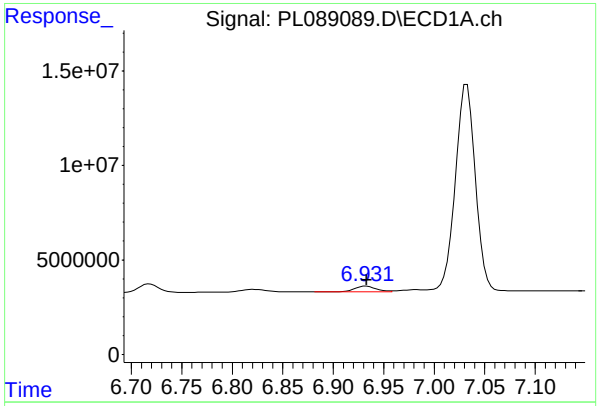
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 152240458
Conc: 83.55 ng/ml



#17 4,4'-DDT

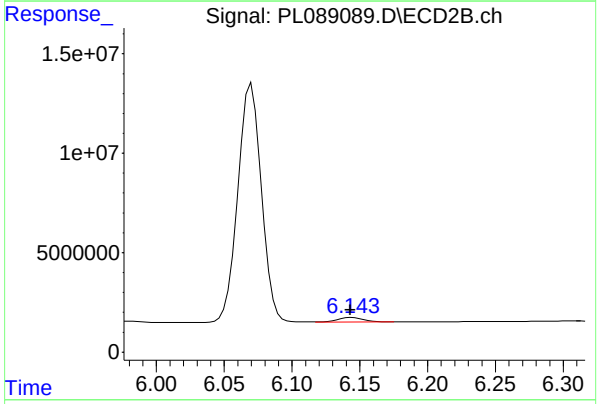
R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 144766714
Conc: 110.45 ng/ml



#18 Endrin aldehyde

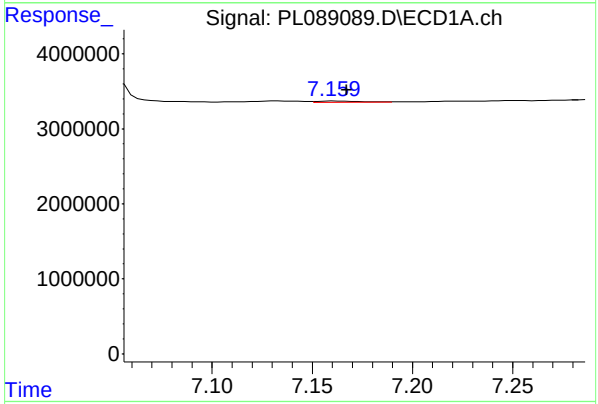
R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 4295223
Conc: 2.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



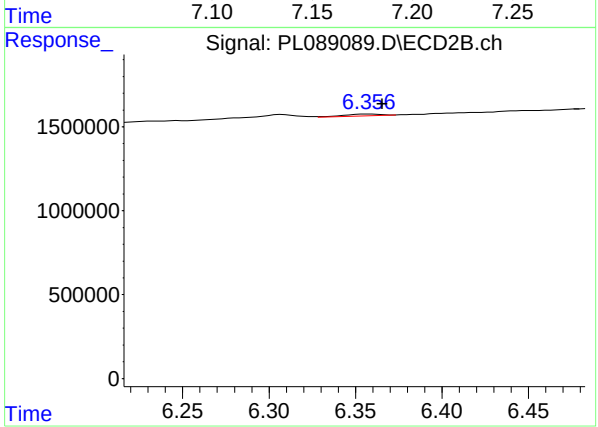
#18 Endrin aldehyde

R.T.: 6.144 min
Delta R.T.: 0.001 min
Response: 2950818
Conc: 2.69 ng/ml



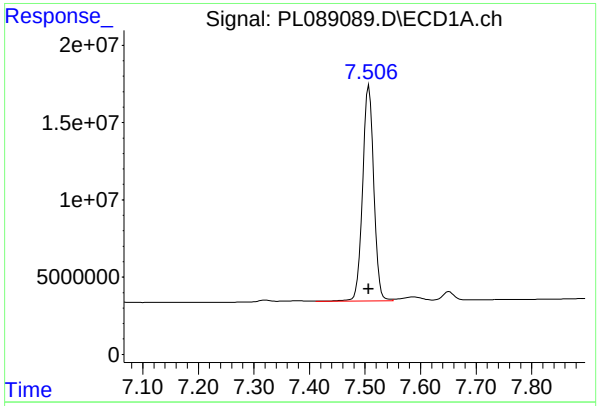
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: -0.005 min
Response: 245364
Conc: 0.14 ng/ml



#19 Endosulfan Sulfate

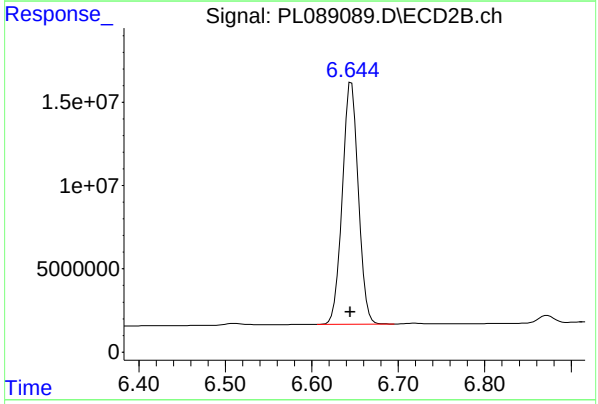
R.T.: 6.358 min
Delta R.T.: -0.008 min
Response: 156516
Conc: 0.12 ng/ml



#20 Methoxychlor

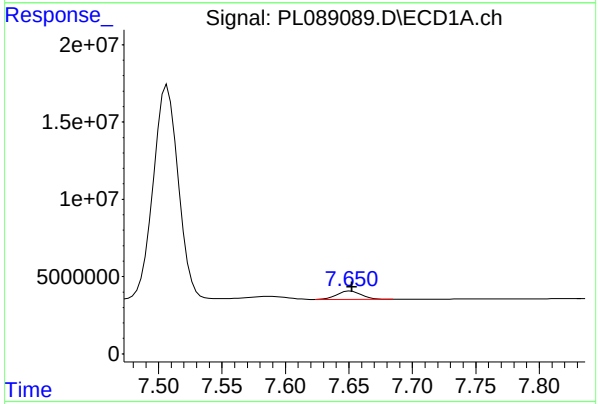
R.T.: 7.507 min
Delta R.T.: 0.000 mi
Response: 194630874
Conc: 220.89 ng/m

Instrument :
ECD_L
ClientSampleId :
PEM



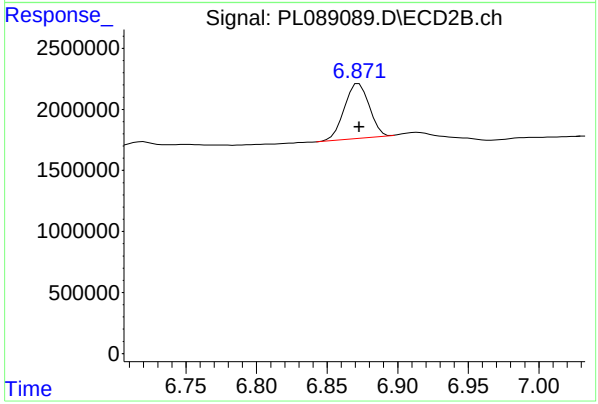
#20 Methoxychlor

R.T.: 6.646 min
Delta R.T.: 0.001 min
Response: 185920865
Conc: 248.75 ng/ml



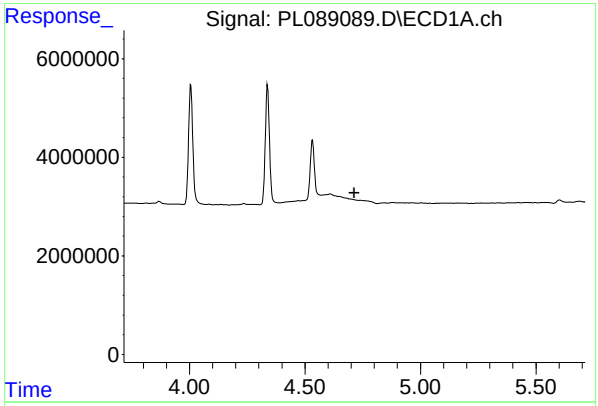
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 7531692
Conc: 3.91 ng/ml



#21 Endrin ketone

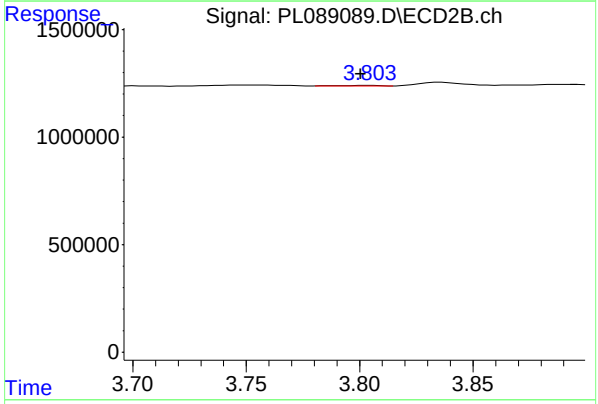
R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 5504281
Conc: 3.48 ng/ml



#23 Chlordane-1

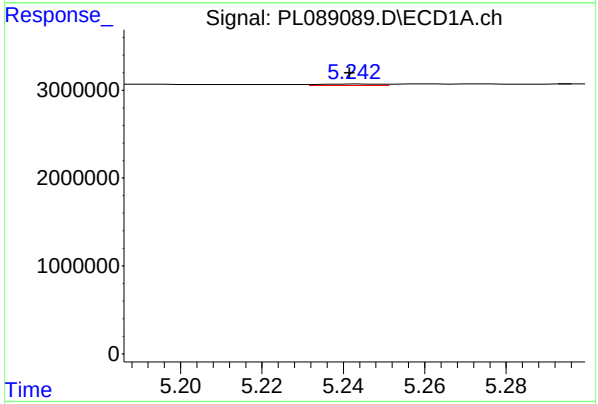
R.T.: 0.000 min
Exp R.T. : 4.713 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



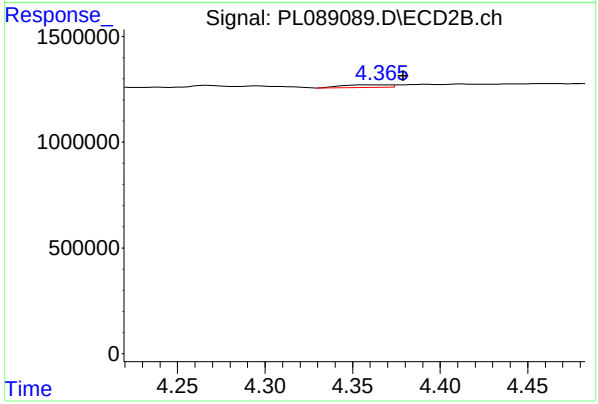
#23 Chlordane-1

R.T.: 3.805 min
Delta R.T.: 0.004 min
Response: 32702
Conc: 0.64 ng/ml



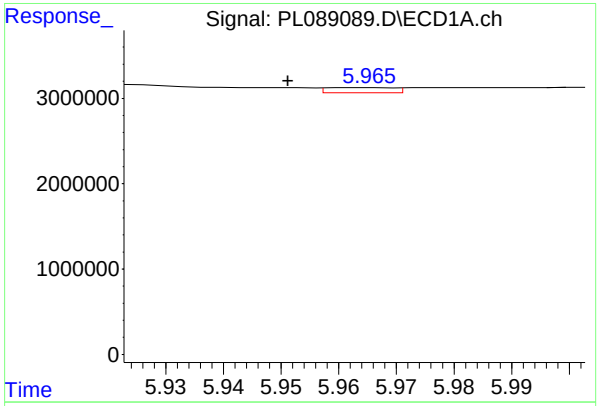
#24 Chlordane-2

R.T.: 5.243 min
Delta R.T.: 0.002 min
Response: 158740
Conc: 1.68 ng/ml



#24 Chlordane-2

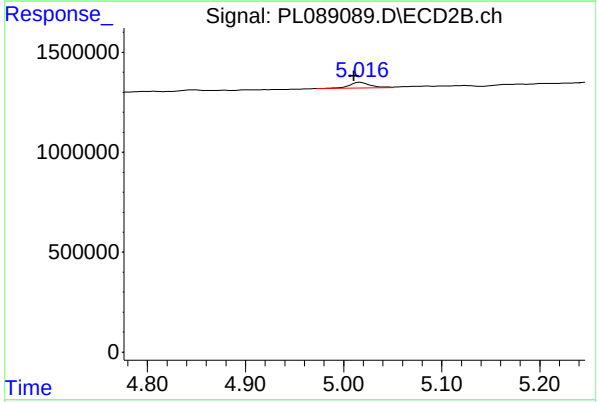
R.T.: 4.366 min
Delta R.T.: -0.013 min
Response: 228197
Conc: 3.51 ng/ml



#25 Chlordane-3

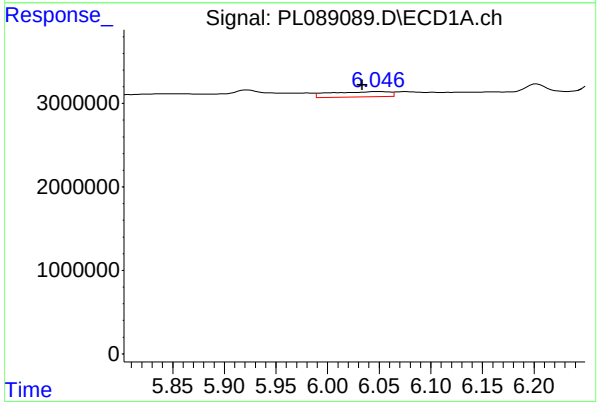
R.T.: 5.965 min
Delta R.T.: 0.014 mi
Response: 486350
Conc: 1.51 ng/m

Instrument :
ECD_L
ClientSampleId :
PEM



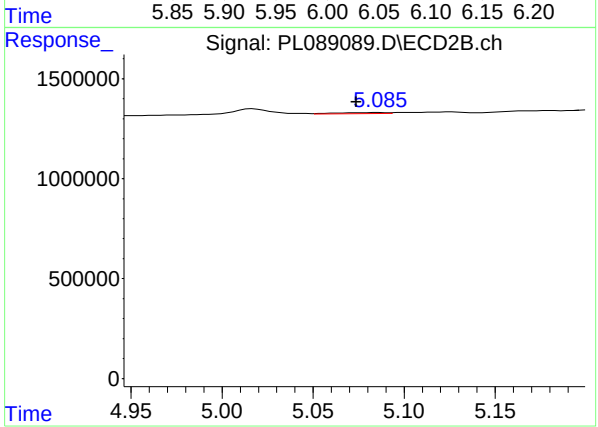
#25 Chlordane-3

R.T.: 5.017 min
Delta R.T.: 0.007 min
Response: 430305
Conc: 2.49 ng/ml



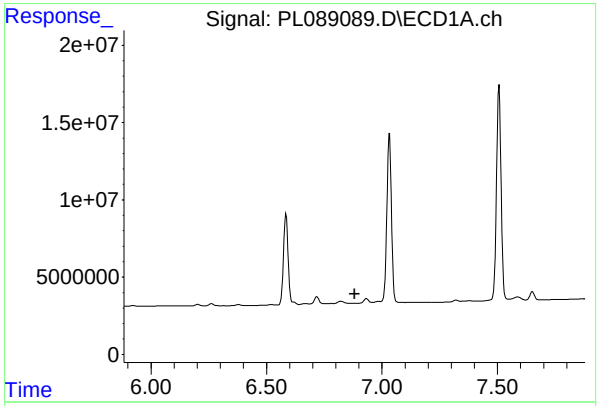
#26 Chlordane-4

R.T.: 6.048 min
Delta R.T.: 0.014 min
Response: 2528790
Conc: 6.40 ng/ml



#26 Chlordane-4

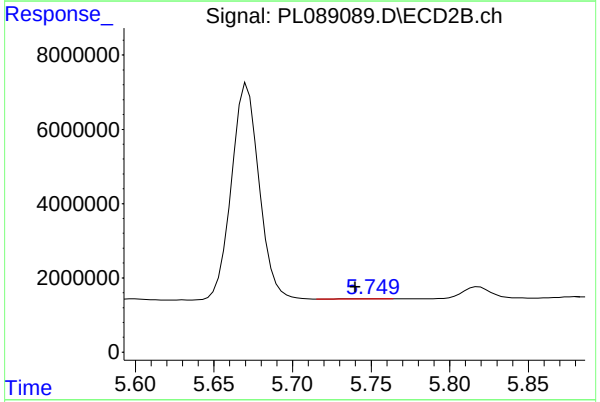
R.T.: 5.086 min
Delta R.T.: 0.013 min
Response: 106381
Conc: 0.66 ng/ml



#27 Chlordane-5

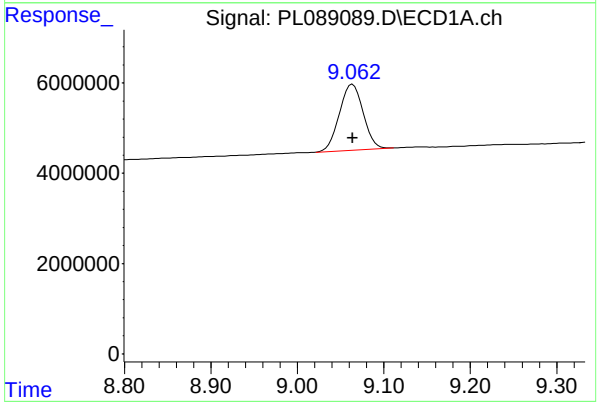
R.T.: 0.000 min
Exp R.T. : 6.882 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



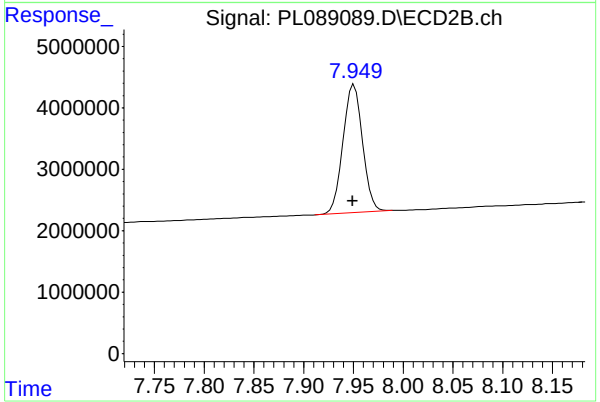
#27 Chlordane-5

R.T.: 5.751 min
Delta R.T.: 0.011 min
Response: 46175
Conc: 0.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 27824549
Conc: 21.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.951 min
Delta R.T.: 0.002 min
Response: 28538876
Conc: 21.31 ng/ml