Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041624\
Data File : PL089043.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Apr 2024 09:05
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 16 12:03:24 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	45043384	25812652	21.193	19.366	
28)	SA Decachlor...	9.065	7.950	26709354	26495754	20.969	19.786	
	Target Compounds							
2)	A alpha-BHC	4.006	3.303	32165660	17501965	10.758	8.846	
3)	MA gamma-BHC...	4.338	3.634	30647479	16461679	10.622	8.558	
4)	MA Heptachlor	4.923	4.005f	102735	14758	0.041	0.008	#
5)	MB Aldrin	0.000	4.268	0	500502	N.D.	0.273	#
6)	B beta-BHC	4.533	3.931	14347838	8649572	10.692	10.349	
7)	B delta-BHC	0.000	4.163	0	121700	N.D.	0.067	#
8)	B Heptachlo...	5.690	4.739f	1808028	15597	0.766	0.009	#
9)	A Endosulfan I	6.082	5.119	243940	182540	0.112	0.121	
10)	B gamma-Chl...	5.927f	5.000	1155081	46575	0.502	0.028	#
11)	B alpha-Chl...	6.056f	5.072	1273966	278535	0.556	0.168	#
12)	B 4,4'-DDE	6.204	5.266	1616267	491852	0.804	0.334	#
13)	MA Dieldrin	6.378f	5.395	411731	53642	0.183	0.033	#
14)	MA Endrin	6.585	5.672	87372454	67516516	46.490	46.456	
15)	B Endosulfa...	6.825f	5.982f	2755269	597324	1.430	0.418	#
16)	A 4,4'-DDD	6.720	5.820	5271420	1244290	3.270	1.028	#
17)	MA 4,4'-DDT	7.033	6.070	154.3E6	139.2E6	84.666	106.201	#
18)	B Endrin al...	6.933	6.145	3499095	2314629	2.391	2.106	
19)	B Endosulfa...	0.000	6.361	0	13411	N.D.	0.010	#
20)	A Methoxychlor	7.507	6.645	194.1E6	180.3E6	220.321	241.242	
21)	B Endrin ke...	7.652	6.873	5233516	3182439	2.714	2.011	#
24)	Chlordane-2	0.000	4.395	0	398126	N.D.	6.130	#
25)	Chlordane-3	5.927f	5.000	1155081	46575	3.584	0.270	#
26)	Chlordane-4	6.056f	5.072	1273966	278535	3.223	1.717	#
27)	Chlordane-5	0.000	5.763f	0	42565	N.D.	0.844	#

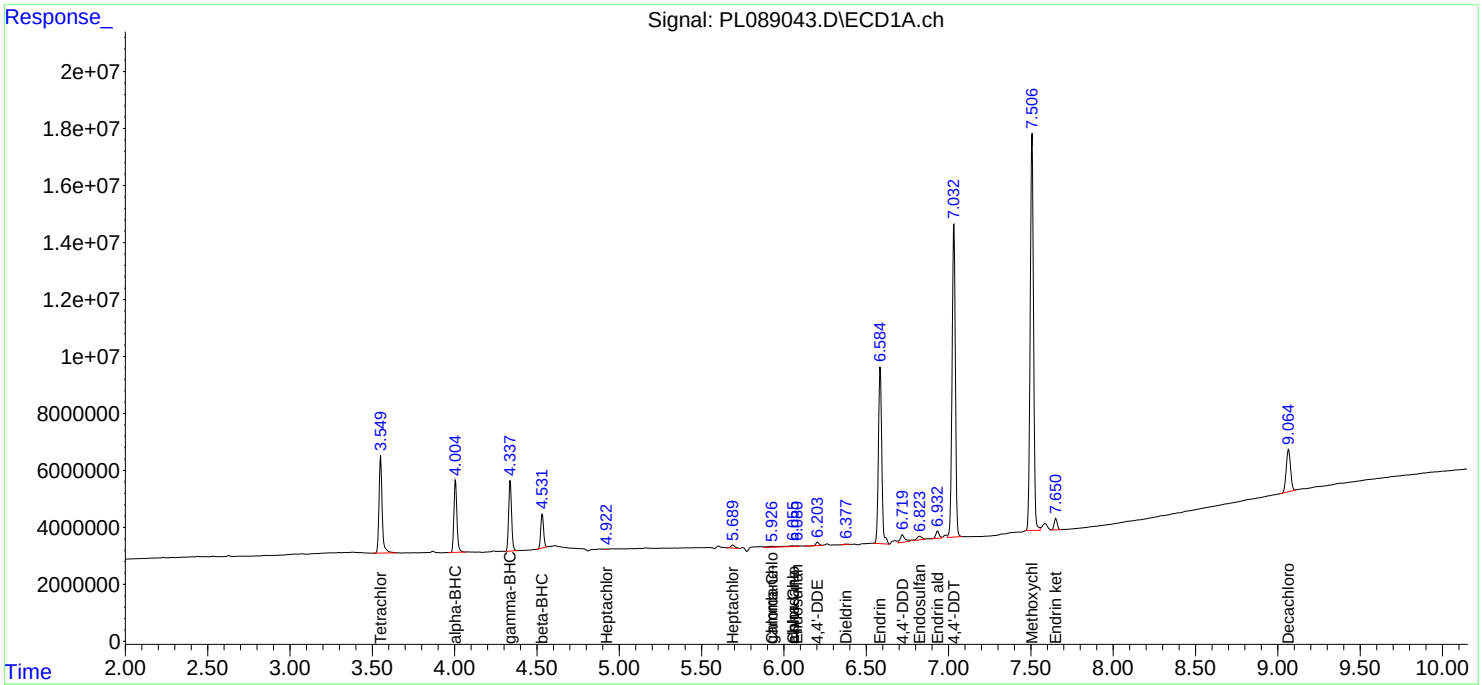
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

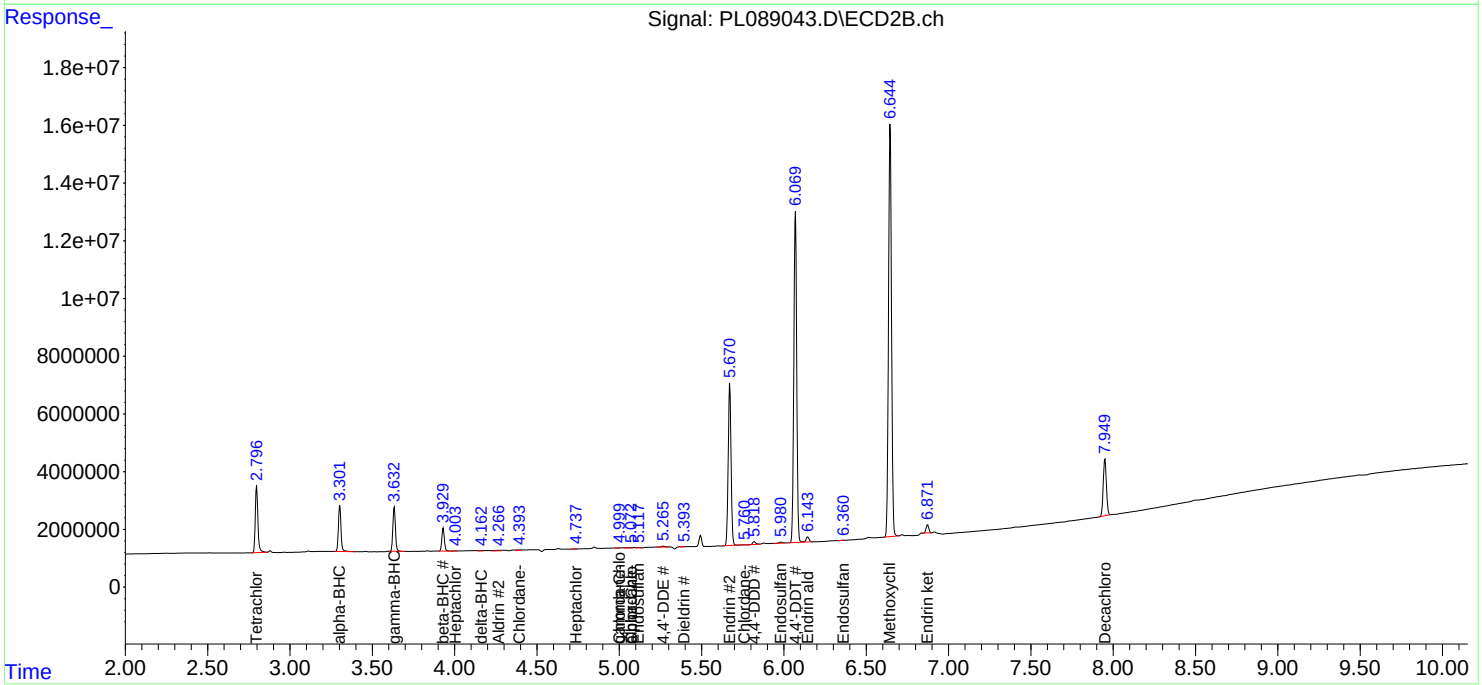
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041624\
Data File : PL089043.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Apr 2024 09:05
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

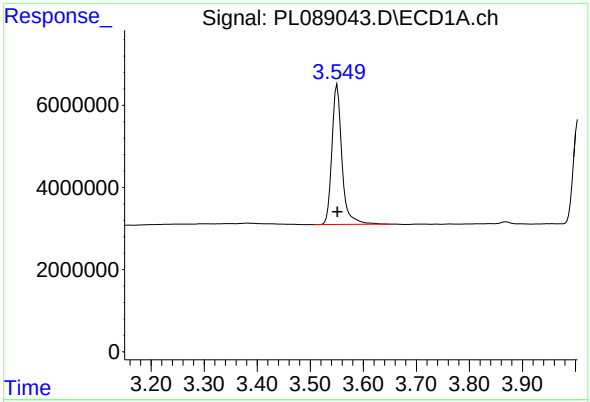
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 16 12:03:24 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



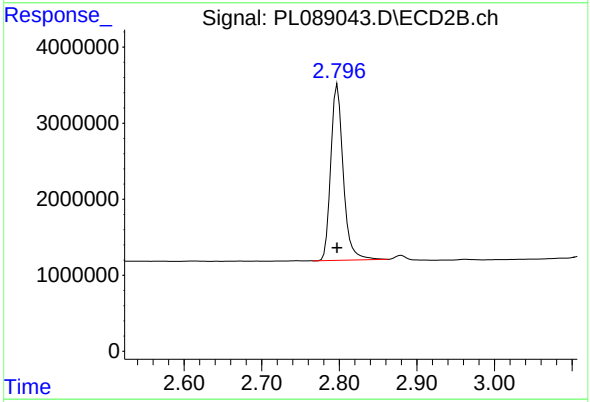




#1 Tetrachloro-m-xylene

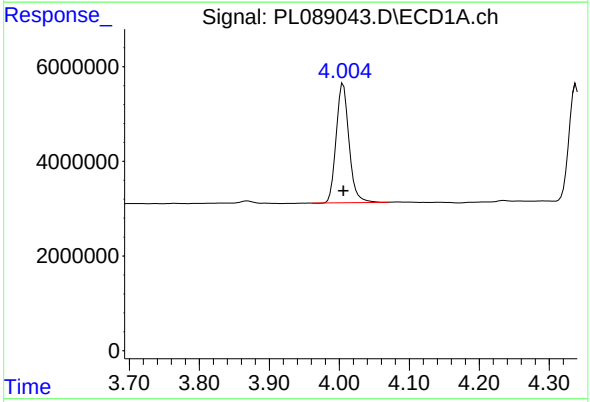
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 45043384
Conc: 21.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



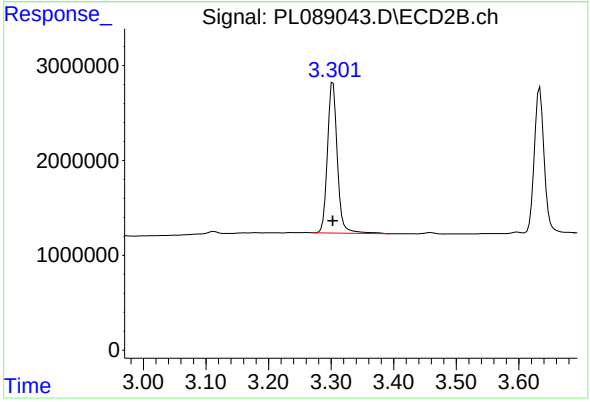
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.000 min
Response: 25812652
Conc: 19.37 ng/ml



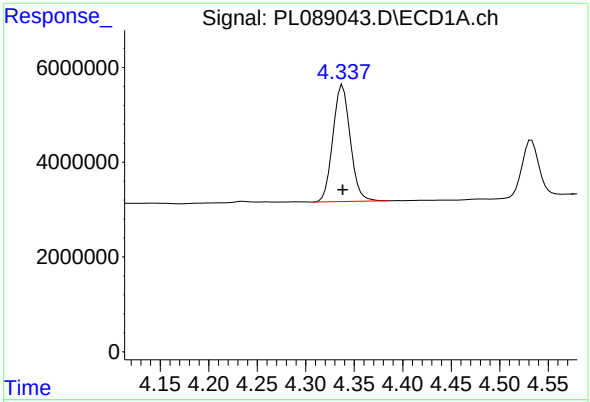
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 32165660
Conc: 10.76 ng/ml



#2 alpha-BHC

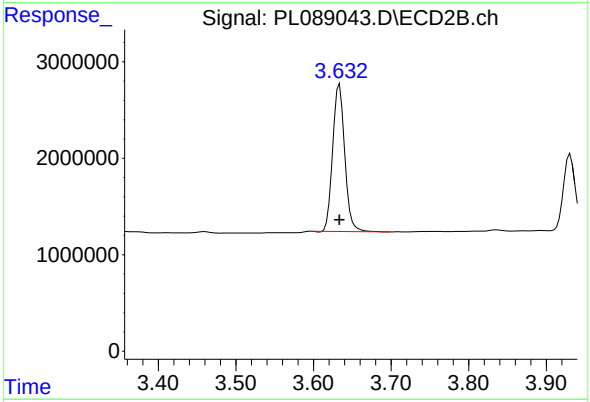
R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 17501965
Conc: 8.85 ng/ml



#3 gamma-BHC (Lindane)

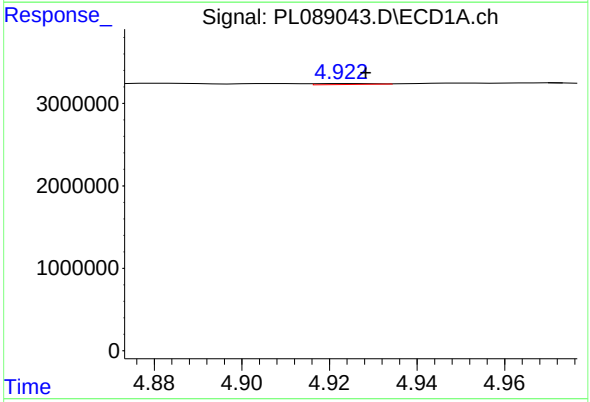
R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 30647479
Conc: 10.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



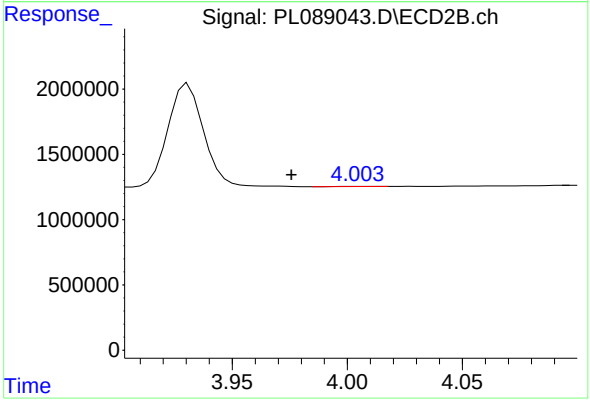
#3 gamma-BHC (Lindane)

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 16461679
Conc: 8.56 ng/ml



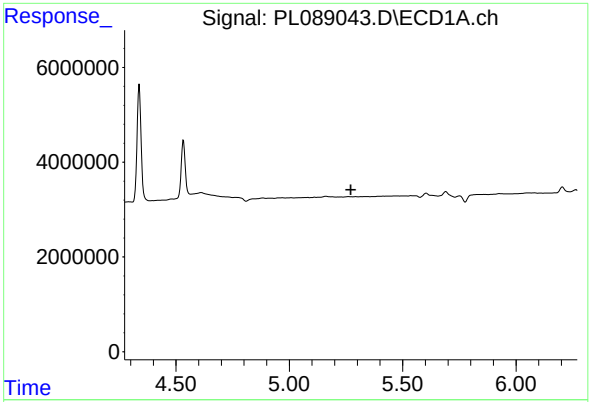
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: -0.005 min
Response: 102735
Conc: 0.04 ng/ml



#4 Heptachlor

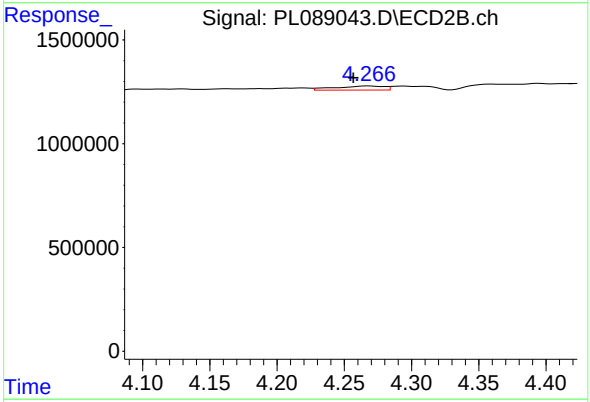
R.T.: 4.005 min
Delta R.T.: 0.029 min
Response: 14758
Conc: 0.01 ng/ml



#5 Aldrin

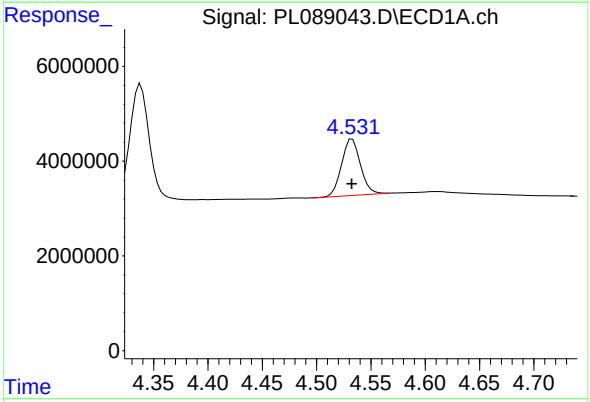
R.T.: 0.000 min
Exp R.T. : 5.271 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



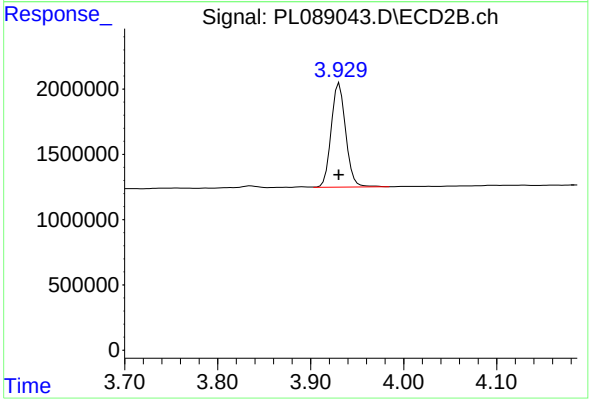
#5 Aldrin

R.T.: 4.268 min
Delta R.T.: 0.011 min
Response: 500502
Conc: 0.27 ng/ml



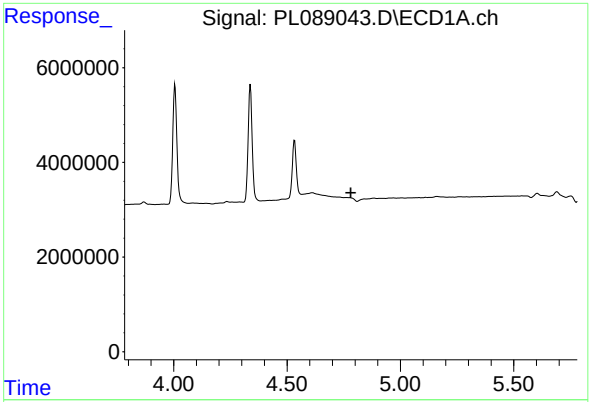
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 14347838
Conc: 10.69 ng/ml



#6 beta-BHC

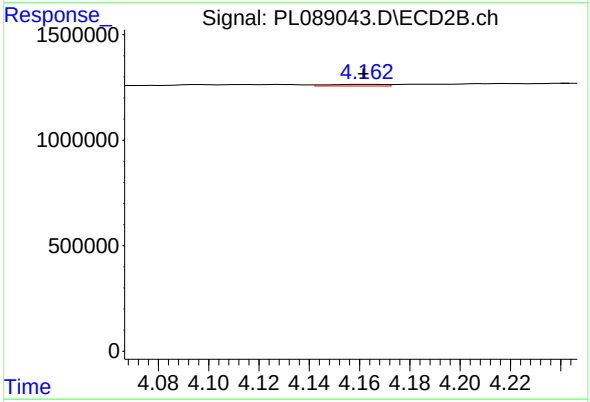
R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 8649572
Conc: 10.35 ng/ml



#7 delta-BHC

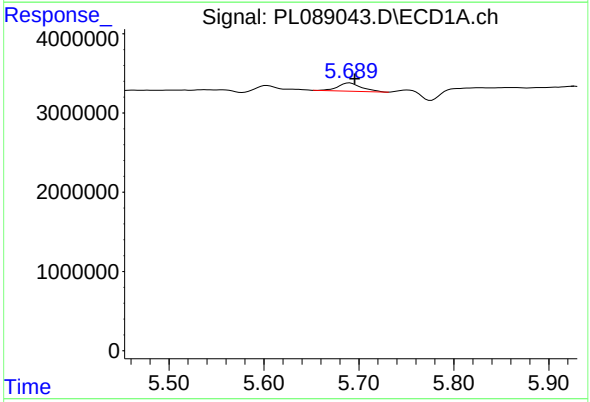
R.T.: 0.000 min
Exp R.T. : 4.781 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



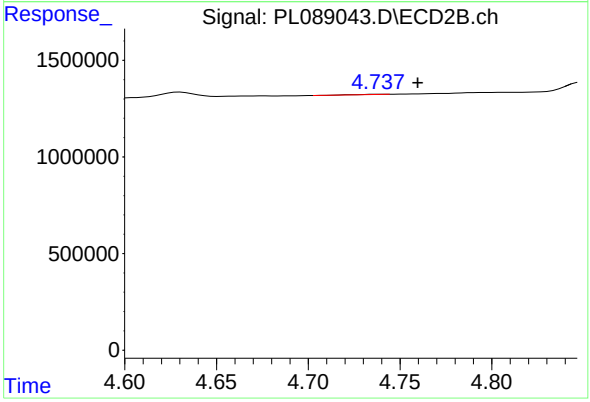
#7 delta-BHC

R.T.: 4.163 min
Delta R.T.: 0.001 min
Response: 121700
Conc: 0.07 ng/ml



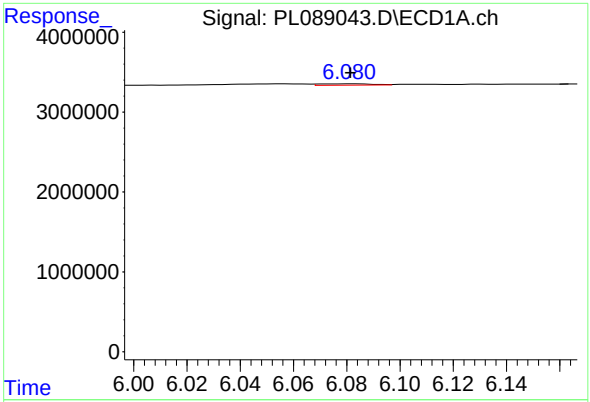
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.005 min
Response: 1808028
Conc: 0.77 ng/ml



#8 Heptachlor epoxide

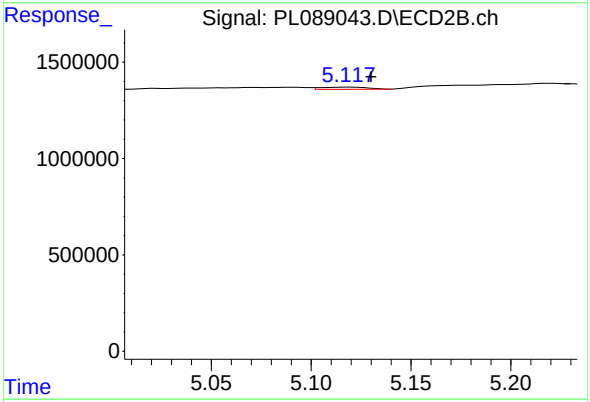
R.T.: 4.739 min
Delta R.T.: -0.021 min
Response: 15597
Conc: 0.01 ng/ml



#9 Endosulfan I

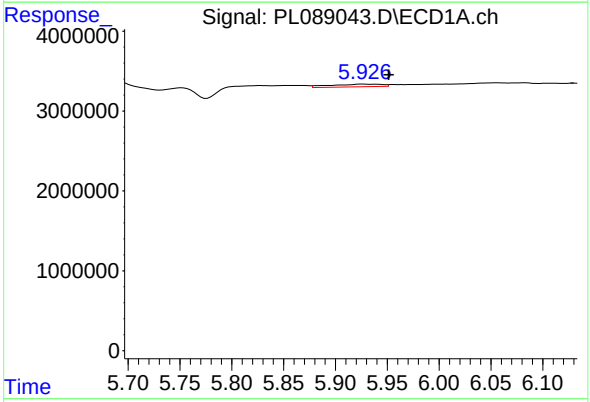
R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 243940
Conc: 0.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



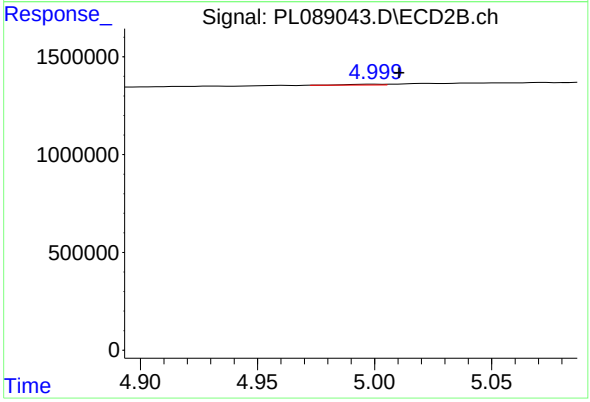
#9 Endosulfan I

R.T.: 5.119 min
Delta R.T.: -0.011 min
Response: 182540
Conc: 0.12 ng/ml



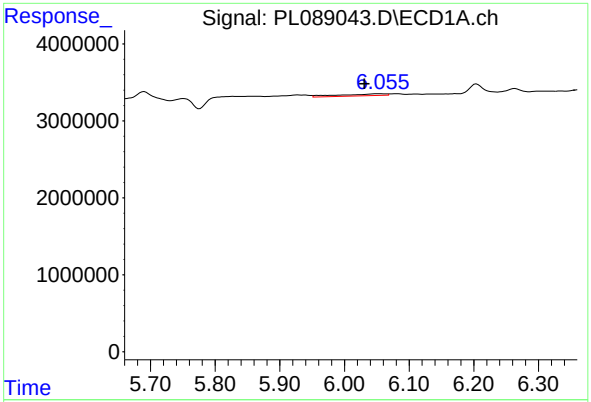
#10 gamma-Chlordane

R.T.: 5.927 min
Delta R.T.: -0.024 min
Response: 1155081
Conc: 0.50 ng/ml



#10 gamma-Chlordane

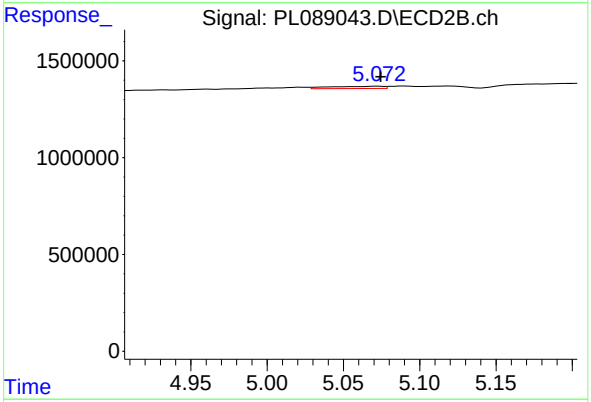
R.T.: 5.000 min
Delta R.T.: -0.010 min
Response: 46575
Conc: 0.03 ng/ml



#11 alpha-Chlordane

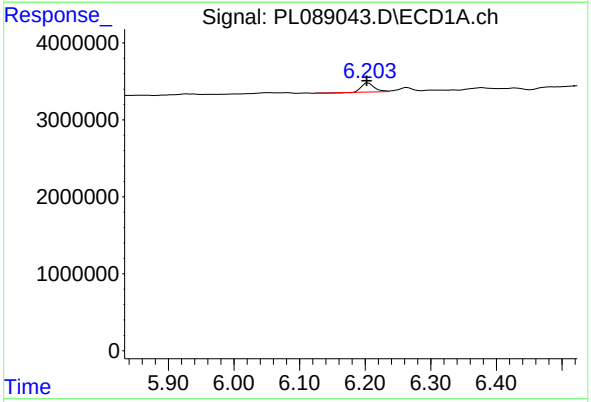
R.T.: 6.056 min
Delta R.T.: 0.025 min
Response: 1273966
Conc: 0.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



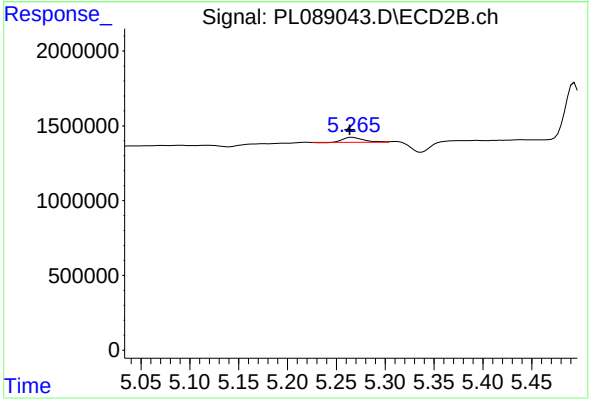
#11 alpha-Chlordane

R.T.: 5.072 min
Delta R.T.: -0.002 min
Response: 278535
Conc: 0.17 ng/ml



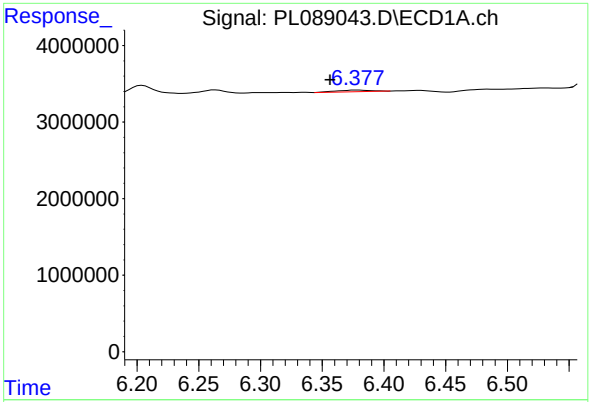
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.002 min
Response: 1616267
Conc: 0.80 ng/ml



#12 4,4'-DDE

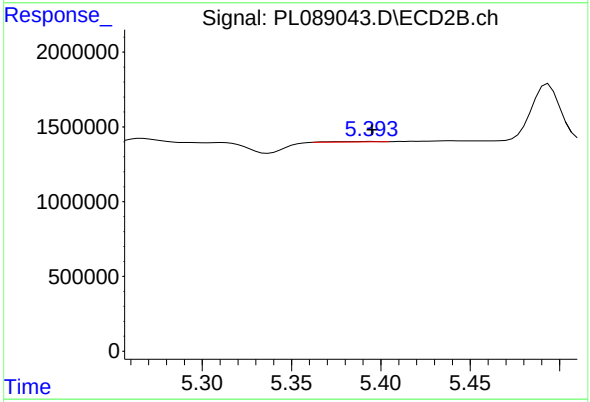
R.T.: 5.266 min
Delta R.T.: 0.003 min
Response: 491852
Conc: 0.33 ng/ml



#13 Dieldrin

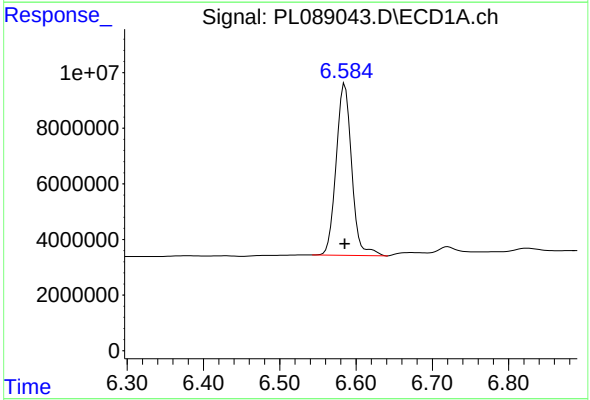
R.T.: 6.378 min
Delta R.T.: 0.022 min
Response: 411731
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



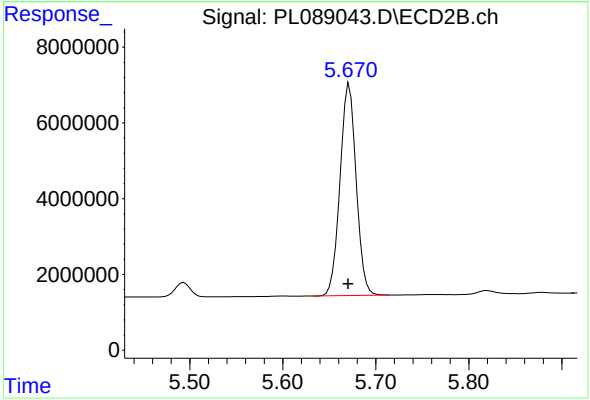
#13 Dieldrin

R.T.: 5.395 min
Delta R.T.: 0.000 min
Response: 53642
Conc: 0.03 ng/ml



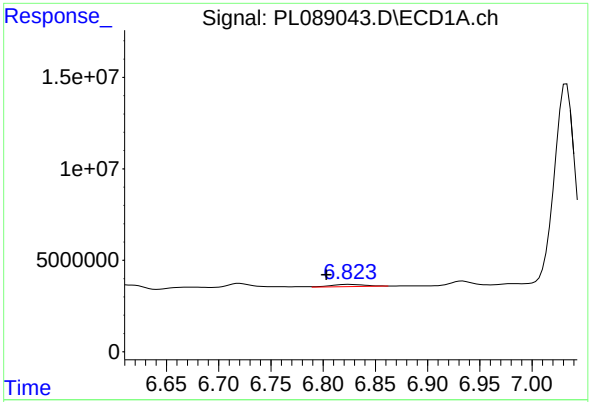
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 87372454
Conc: 46.49 ng/ml



#14 Endrin

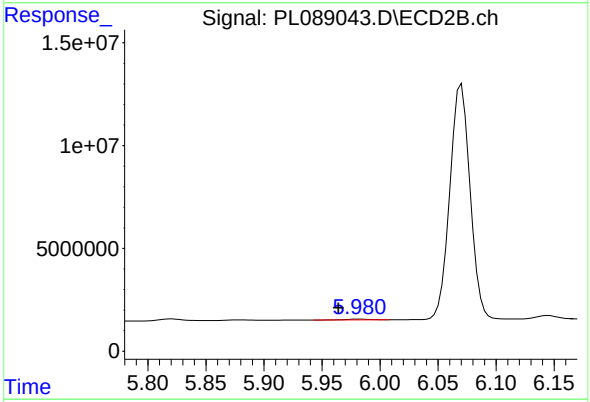
R.T.: 5.672 min
Delta R.T.: 0.001 min
Response: 67516516
Conc: 46.46 ng/ml



#15 Endosulfan II

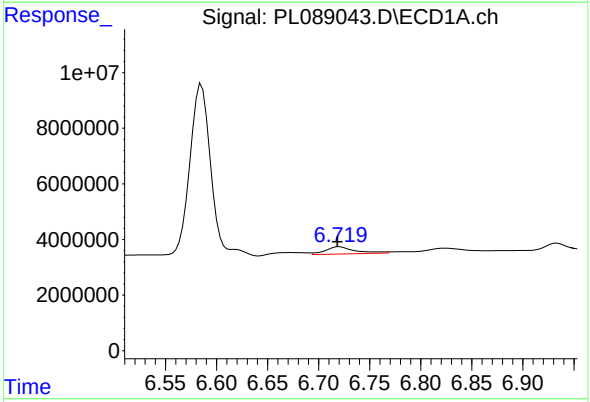
R.T.: 6.825 min
Delta R.T.: 0.021 min
Response: 2755269
Conc: 1.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



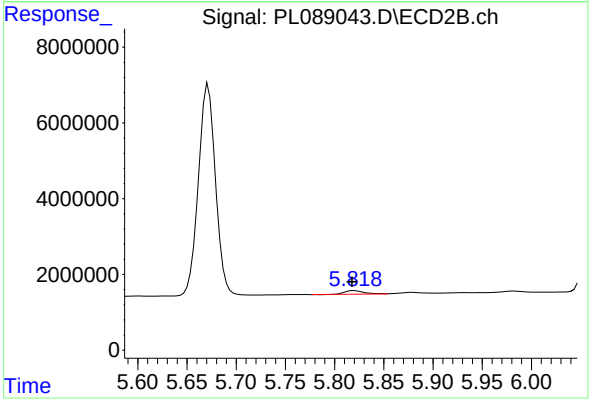
#15 Endosulfan II

R.T.: 5.982 min
Delta R.T.: 0.018 min
Response: 597324
Conc: 0.42 ng/ml



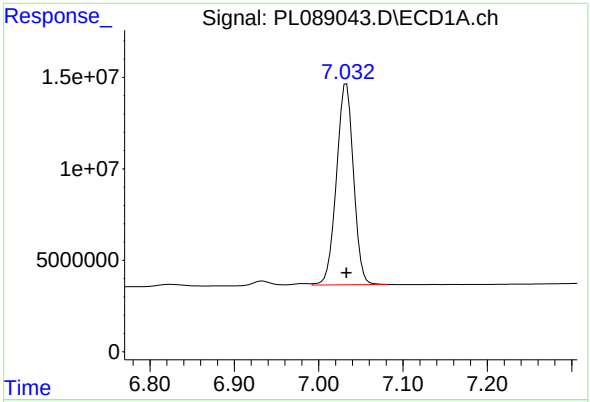
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.002 min
Response: 5271420
Conc: 3.27 ng/ml



#16 4,4'-DDD

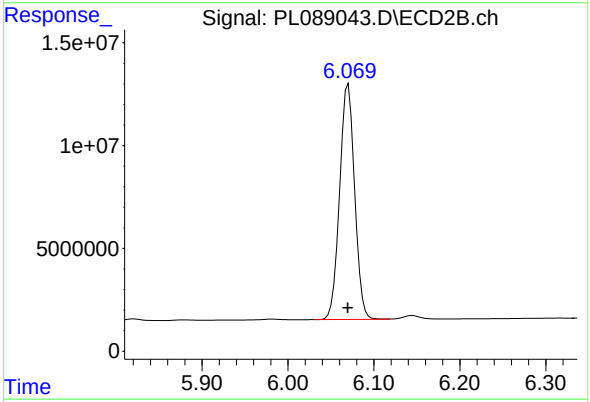
R.T.: 5.820 min
Delta R.T.: 0.002 min
Response: 1244290
Conc: 1.03 ng/ml



#17 4,4'-DDT

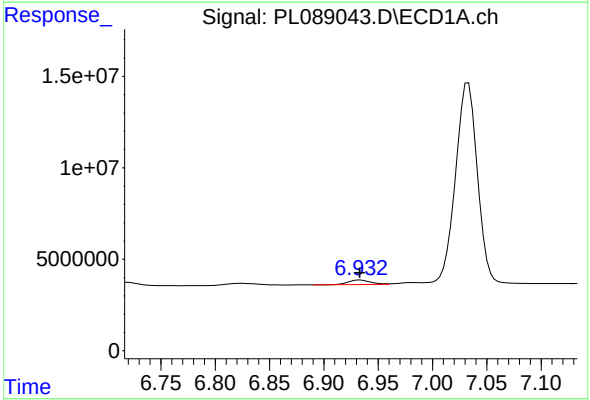
R.T.: 7.033 min
Delta R.T.: 0.000 min
Response: 154280707
Conc: 84.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



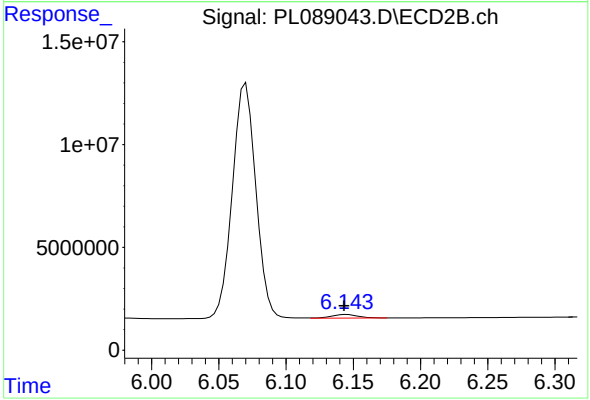
#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 139203412
Conc: 106.20 ng/ml



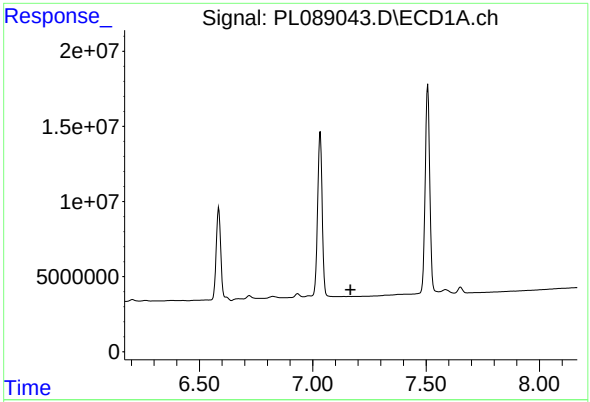
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 3499095
Conc: 2.39 ng/ml



#18 Endrin aldehyde

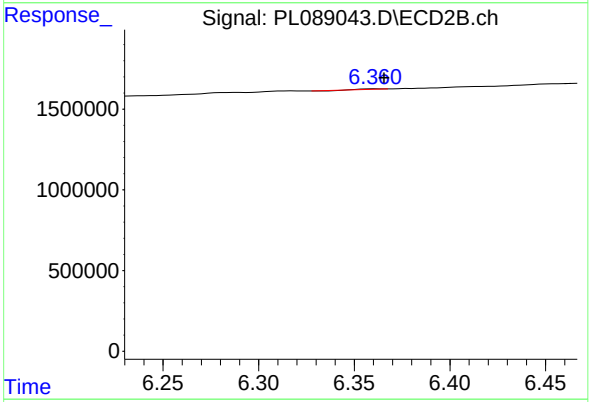
R.T.: 6.145 min
Delta R.T.: 0.002 min
Response: 2314629
Conc: 2.11 ng/ml



#19 Endosulfan Sulfate

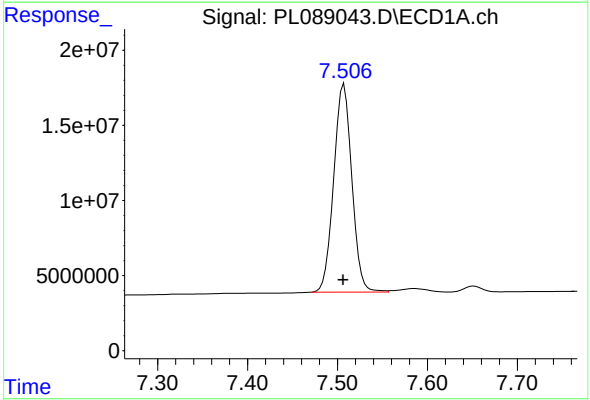
R.T.: 0.000 min
Exp R.T. : 7.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



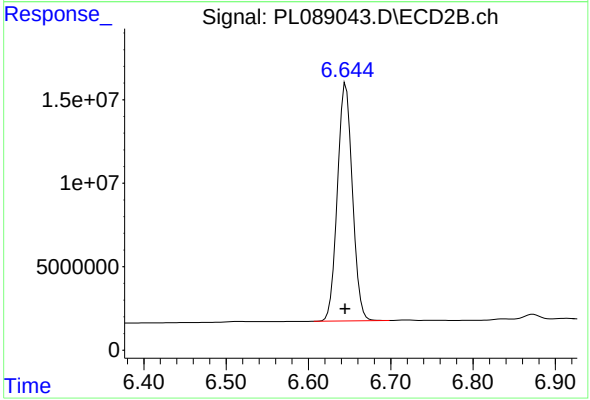
#19 Endosulfan Sulfate

R.T.: 6.361 min
Delta R.T.: -0.005 min
Response: 13411
Conc: 0.01 ng/ml



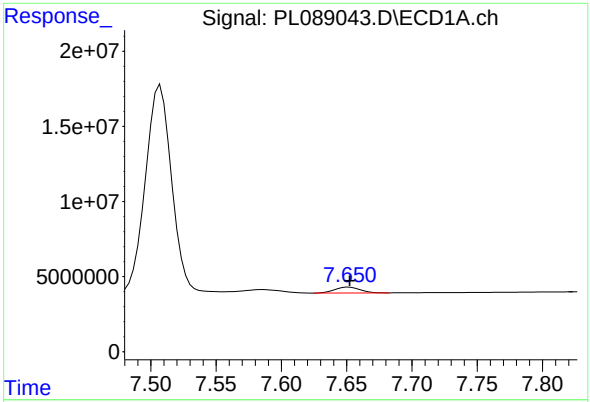
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.001 min
Response: 194128053
Conc: 220.32 ng/ml



#20 Methoxychlor

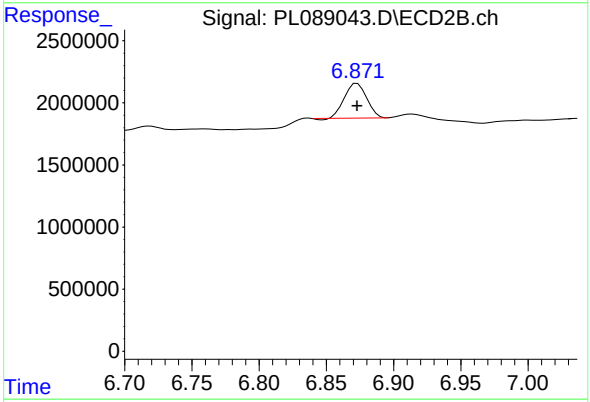
R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 180310648
Conc: 241.24 ng/ml



#21 Endrin ketone

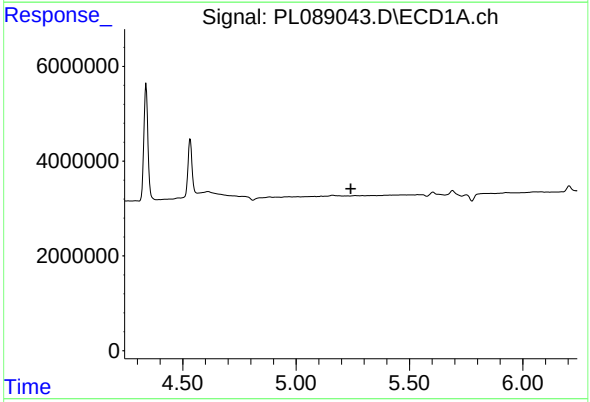
R.T.: 7.652 min
Delta R.T.: 0.000 min
Response: 5233516
Conc: 2.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



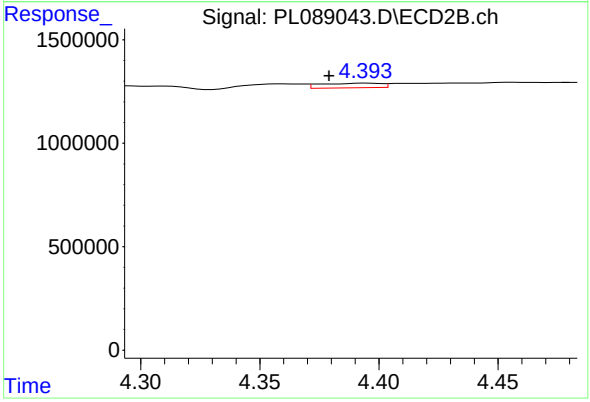
#21 Endrin ketone

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 3182439
Conc: 2.01 ng/ml



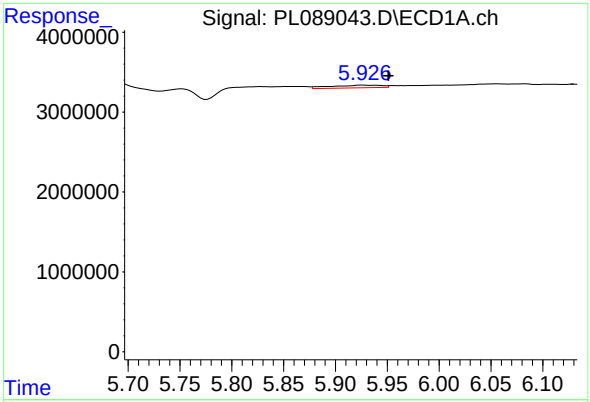
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.242 min
Response: 0
Conc: N.D.



#24 Chlordane-2

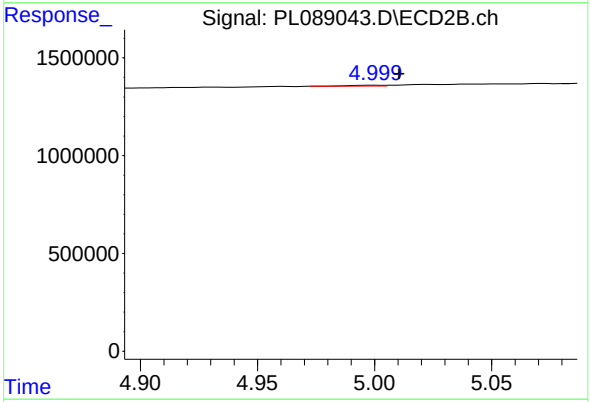
R.T.: 4.395 min
Delta R.T.: 0.016 min
Response: 398126
Conc: 6.13 ng/ml



#25 Chlordane-3

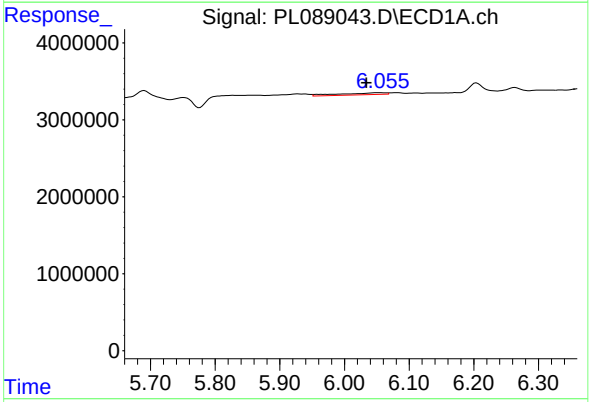
R.T.: 5.927 min
Delta R.T.: -0.024 min
Response: 1155081
Conc: 3.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



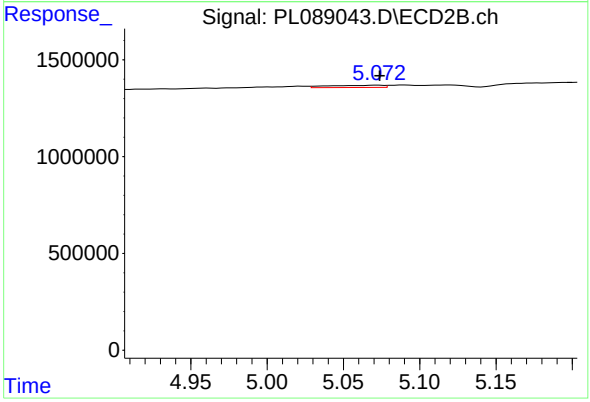
#25 Chlordane-3

R.T.: 5.000 min
Delta R.T.: -0.010 min
Response: 46575
Conc: 0.27 ng/ml



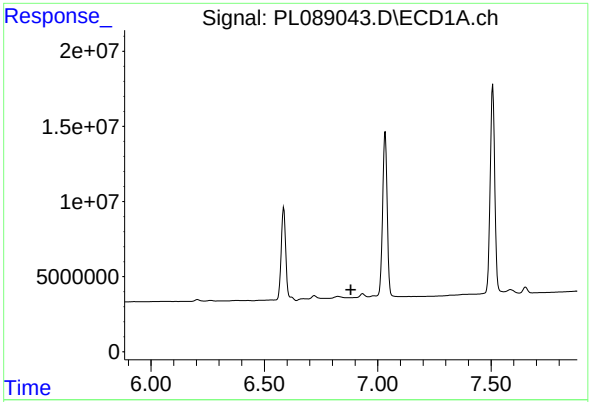
#26 Chlordane-4

R.T.: 6.056 min
Delta R.T.: 0.022 min
Response: 1273966
Conc: 3.22 ng/ml



#26 Chlordane-4

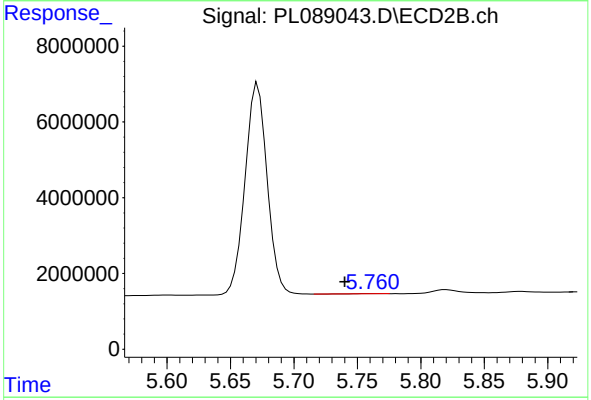
R.T.: 5.072 min
Delta R.T.: -0.002 min
Response: 278535
Conc: 1.72 ng/ml



#27 Chlordane-5

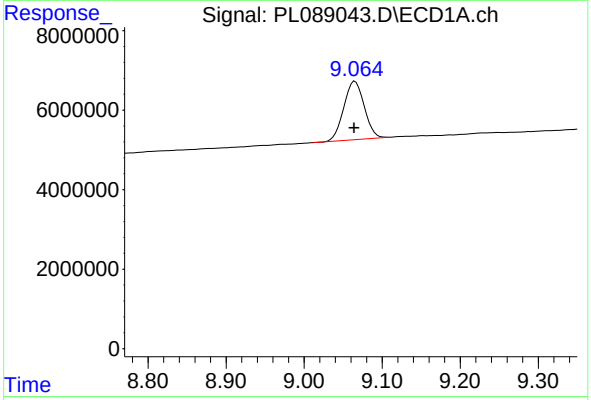
R.T.: 0.000 min
Exp R.T. : 6.882 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



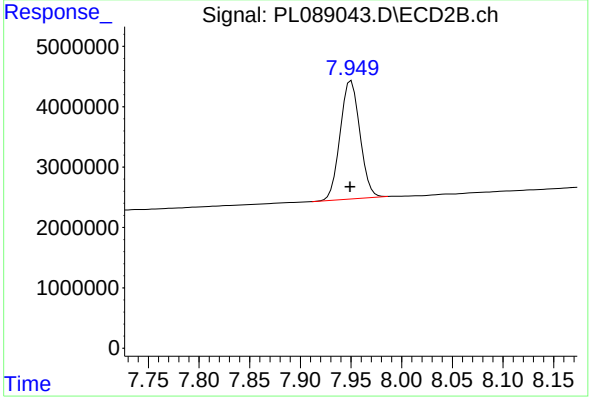
#27 Chlordane-5

R.T.: 5.763 min
Delta R.T.: 0.023 min
Response: 42565
Conc: 0.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.001 min
Response: 26709354
Conc: 20.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: 0.001 min
Response: 26495754
Conc: 19.79 ng/ml