Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031325\
Data File : PD087959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 15:12
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: Mar 13 04:28:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031325.M
Quant Title : GC Extractables
QLast Update : Thu Mar 13 03:59:08 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...	3.553	2.884	36517628	282.3E6	20.164	20.763	
28)	SA Decachlor...	9.080	8.080	63783867	333.0E6	21.367	21.313	
	Target Compounds							
2)	A alpha-BHC	4.002	3.397	36007286	231.8E6	9.091	11.015	
3)	MA gamma-BHC...	4.333	3.734	34591786	215.1E6	9.177	10.948	
5)	MB Aldrin	0.000	4.369	0	2137067	N.D.	0.111	#
6)	B beta-BHC	4.517	4.030	15609354	101.2E6	10.328	11.685	
7)	B delta-BHC	4.782f	4.263	7028075	372054	1.792	0.019	#
8)	B Heptachlo...	5.686	4.884	1654204	730836	0.493	0.042	#
9)	A Endosulfan I	6.077	5.247	52844	758660	0.017	0.045	#
10)	B gamma-Chl...	5.945	5.138	992835	1967585	0.293	0.105	#
11)	B alpha-Chl...	6.043	5.202	179524	384238	0.053	0.021	#
12)	B 4,4'-DDE	6.205	5.383	450753	2413687	0.149	0.135	
13)	MA Dieldrin	0.000	5.497f	0	149824	N.D.	0.008	#
14)	MA Endrin	6.579	5.795	129.3E6	757.7E6	46.389	45.221	
15)	B Endosulfa...	6.775f	6.092	473498	2146151	0.165	0.133	
16)	A 4,4'-DDD	6.710	5.940	571360	7376301	0.243	0.495	#
17)	MA 4,4'-DDT	7.026	6.190	261.2E6	1445.4E6	100.183	93.487	
18)	B Endrin al...	6.919	6.265	3093424	24918511	1.399	1.979	#
19)	B Endosulfa...	0.000	6.501	0	409040	N.D.	0.026	#
20)	A Methoxychlor	7.497	6.761	342.0E6	1641.2E6	242.720	198.563	
21)	B Endrin ke...	7.634	6.998	4747118	39051306	1.653	2.295	#
22)	Mirex	0.000	7.184	0	863946	N.D.	0.063	#
23)	Chlordane-1	0.000	3.891f	0	395635	N.D.	0.624	#
24)	Chlordane-2	0.000	4.492	0	872023	N.D.	1.287	#
25)	Chlordane-3	5.945	5.138	992835	1967585	1.911	1.013	#
26)	Chlordane-4	6.043	5.202	179524	384238	0.284	0.239	
27)	Chlordane-5	0.000	6.092	0	2146151	N.D.	2.810	#

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

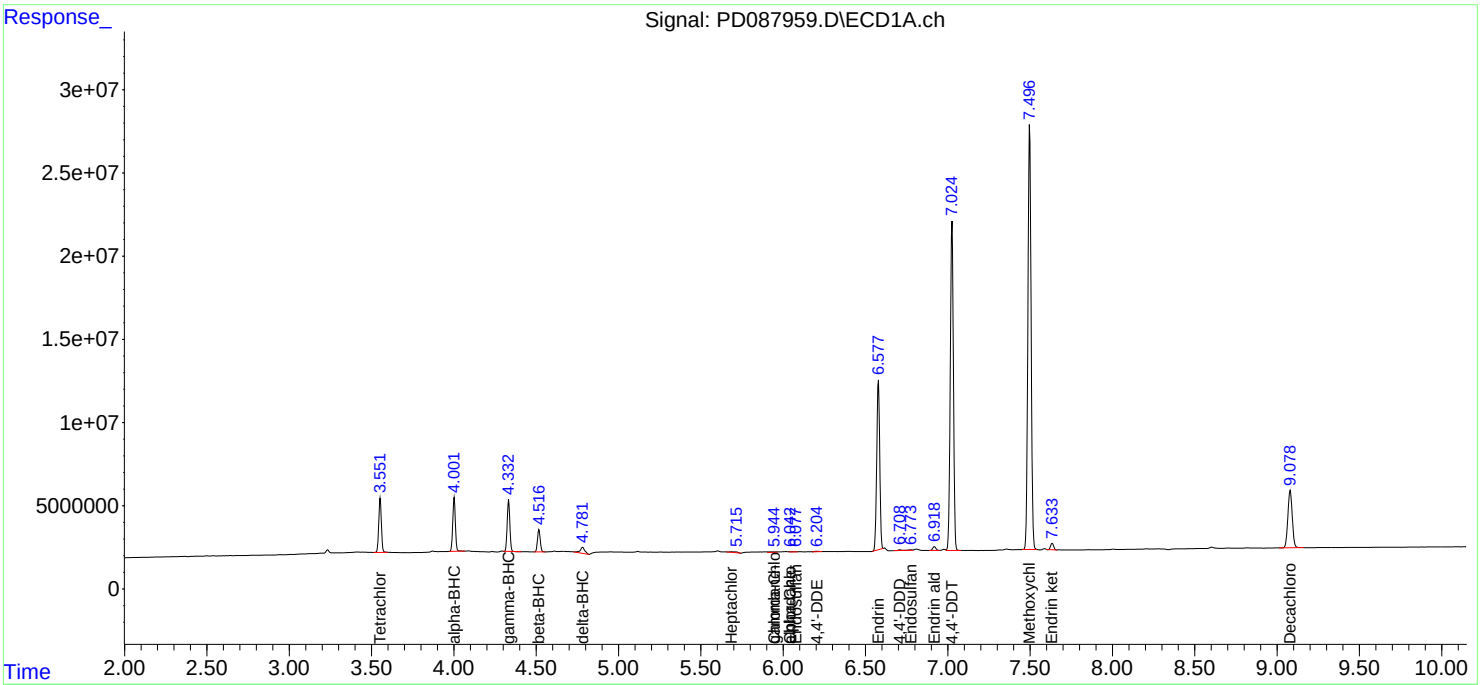
Quantitation Report (Not Reviewed)

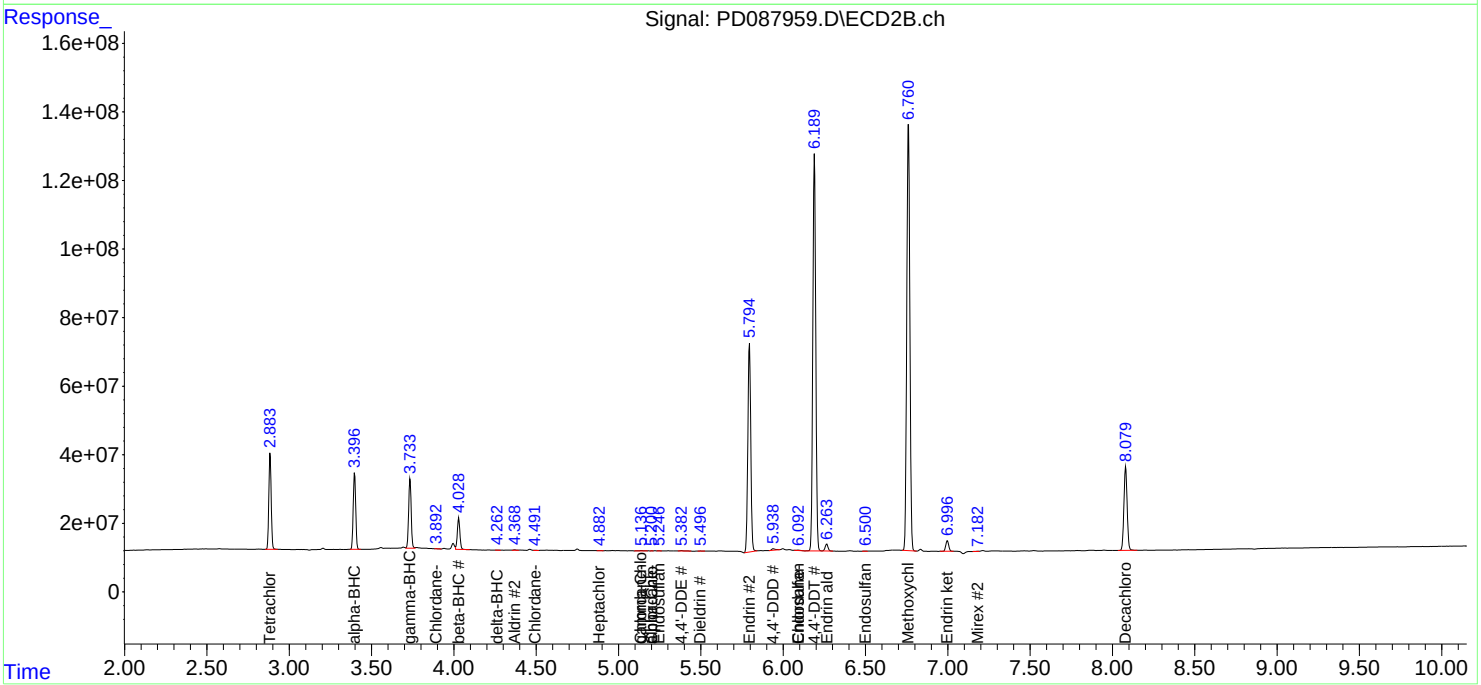
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031325\
Data File : PD087959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 15:12
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

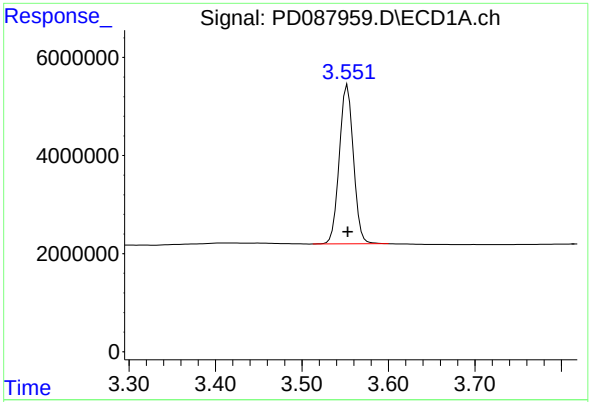
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 04:28:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031325.M
Quant Title : GC Extractables
QLast Update : Thu Mar 13 03:59:08 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



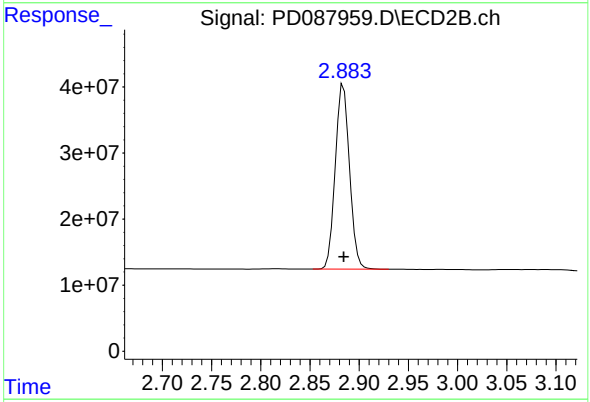




#1 Tetrachloro-m-xylene

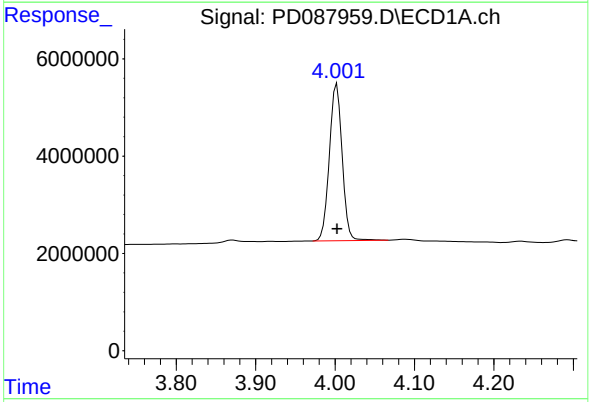
R.T.: 3.553 min
Delta R.T.: 0.000 min
Response: 36517628
Conc: 20.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



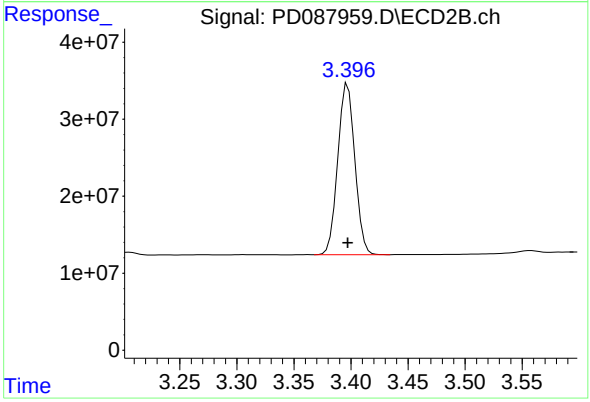
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 282347982
Conc: 20.76 ng/ml



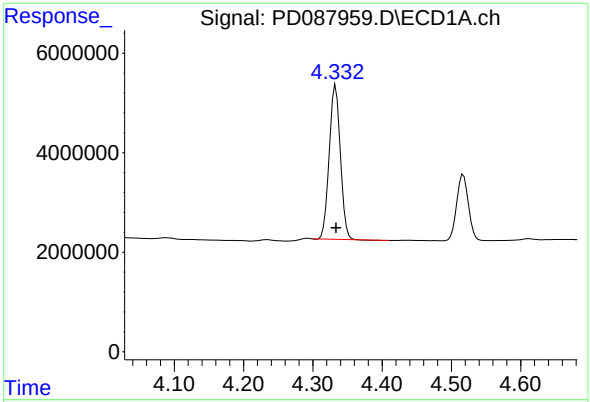
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 36007286
Conc: 9.09 ng/ml



#2 alpha-BHC

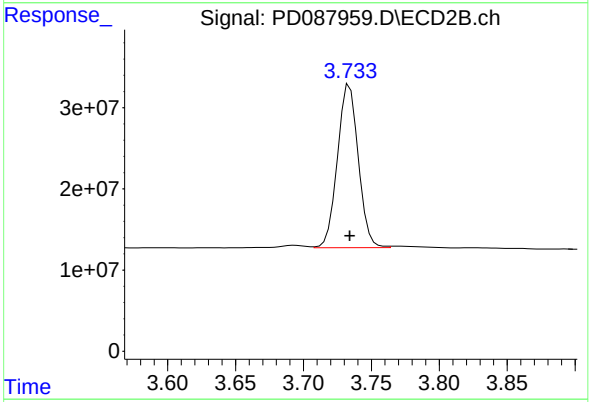
R.T.: 3.397 min
Delta R.T.: 0.000 min
Response: 231840661
Conc: 11.01 ng/ml



#3 gamma-BHC (Lindane)

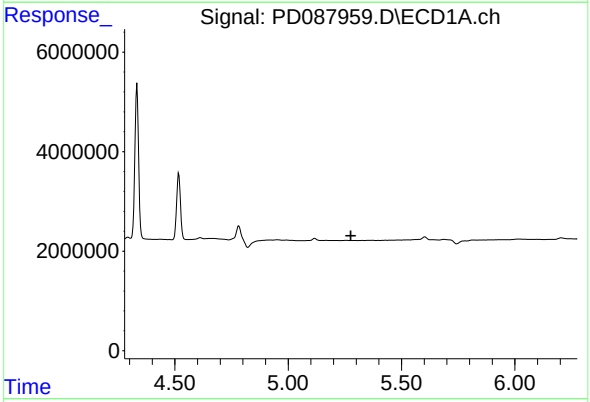
R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 34591786
Conc: 9.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



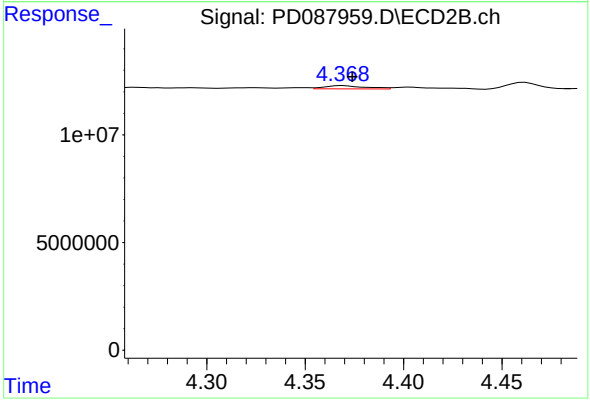
#3 gamma-BHC (Lindane)

R.T.: 3.734 min
Delta R.T.: 0.000 min
Response: 215141314
Conc: 10.95 ng/ml



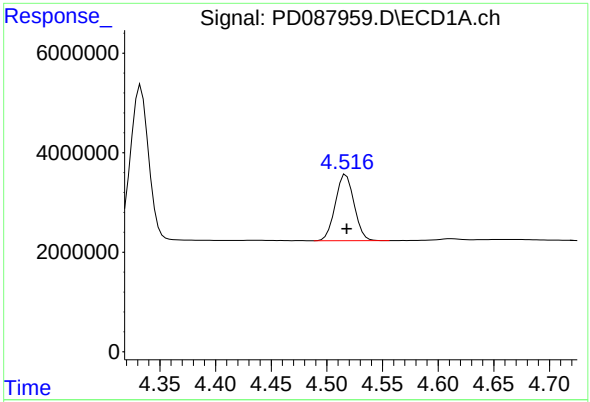
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.276 min
Response: 0
Conc: N.D.



#5 Aldrin

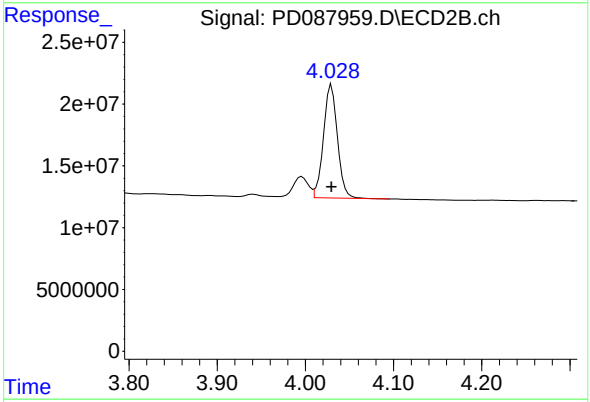
R.T.: 4.369 min
Delta R.T.: -0.005 min
Response: 2137067
Conc: 0.11 ng/ml



#6 beta-BHC

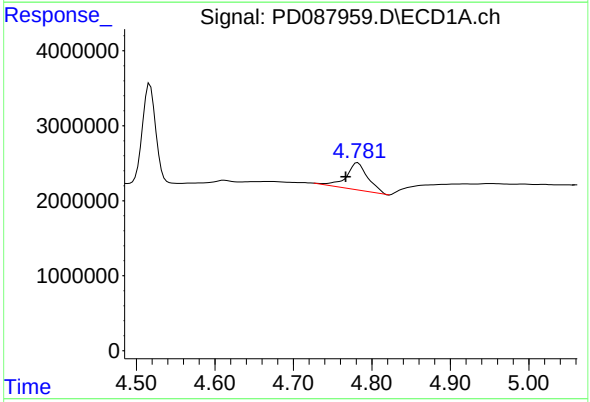
R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 15609354
Conc: 10.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



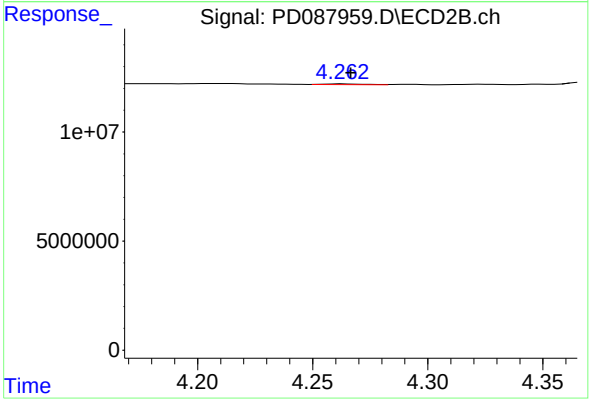
#6 beta-BHC

R.T.: 4.030 min
Delta R.T.: 0.000 min
Response: 101150521
Conc: 11.69 ng/ml



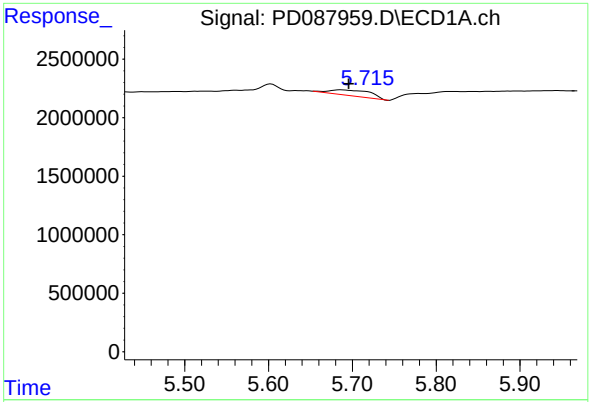
#7 delta-BHC

R.T.: 4.782 min
Delta R.T.: 0.015 min
Response: 7028075
Conc: 1.79 ng/ml



#7 delta-BHC

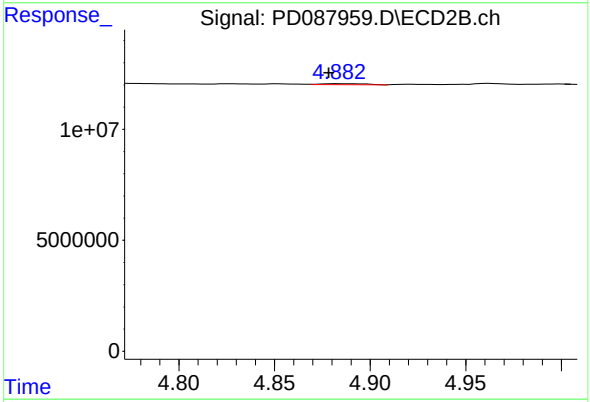
R.T.: 4.263 min
Delta R.T.: -0.003 min
Response: 372054
Conc: 0.02 ng/ml



#8 Heptachlor epoxide

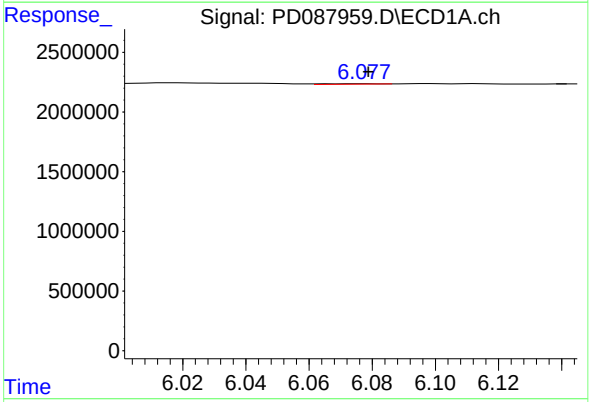
R.T.: 5.686 min
Delta R.T.: -0.009 min
Response: 1654204
Conc: 0.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



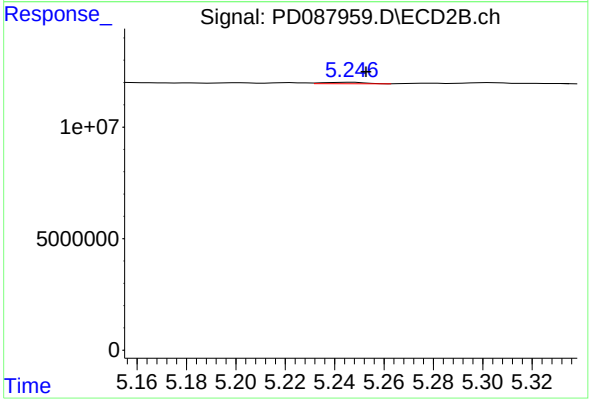
#8 Heptachlor epoxide

R.T.: 4.884 min
Delta R.T.: 0.006 min
Response: 730836
Conc: 0.04 ng/ml



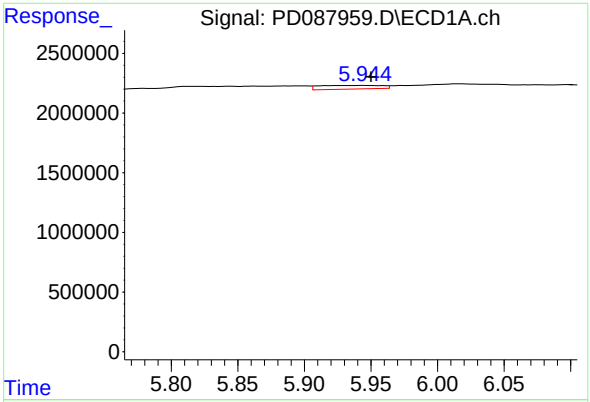
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: -0.001 min
Response: 52844
Conc: 0.02 ng/ml



#9 Endosulfan I

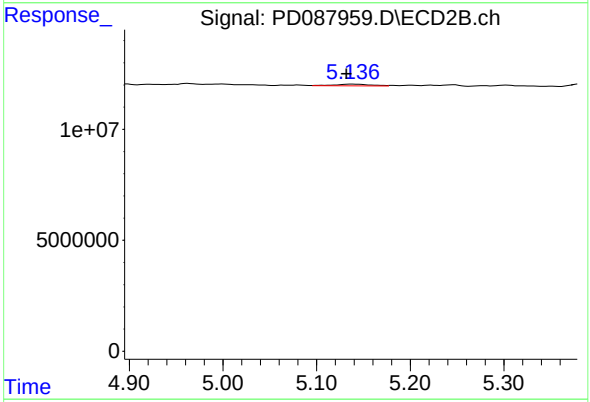
R.T.: 5.247 min
Delta R.T.: -0.006 min
Response: 758660
Conc: 0.05 ng/ml



#10 gamma-Chlordane

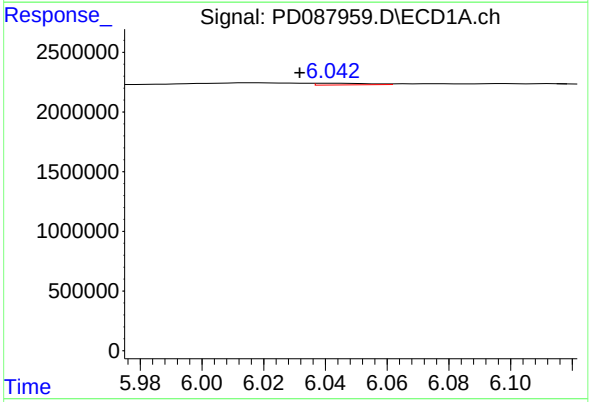
R.T.: 5.945 min
Delta R.T.: -0.005 min
Response: 992835
Conc: 0.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



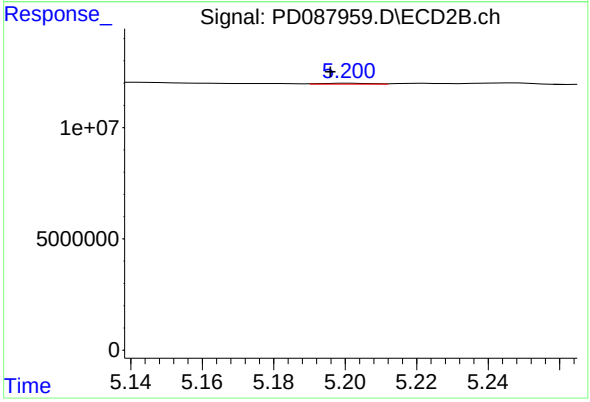
#10 gamma-Chlordane

R.T.: 5.138 min
Delta R.T.: 0.006 min
Response: 1967585
Conc: 0.10 ng/ml



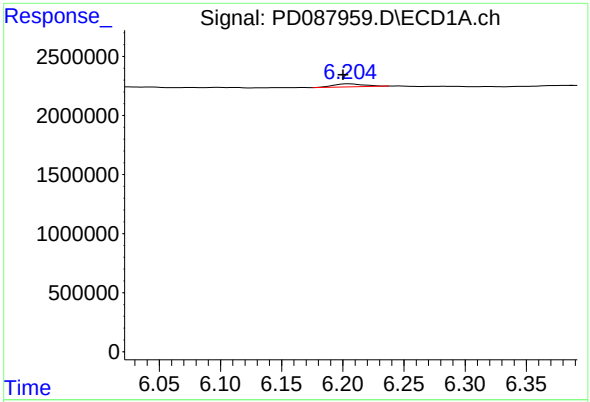
#11 alpha-Chlordane

R.T.: 6.043 min
Delta R.T.: 0.011 min
Response: 179524
Conc: 0.05 ng/ml



#11 alpha-Chlordane

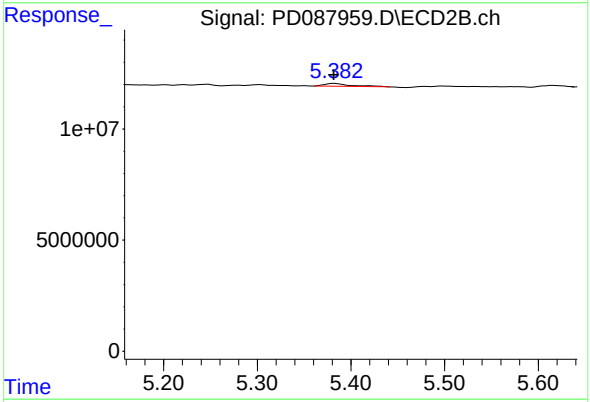
R.T.: 5.202 min
Delta R.T.: 0.006 min
Response: 384238
Conc: 0.02 ng/ml



#12 4,4'-DDE

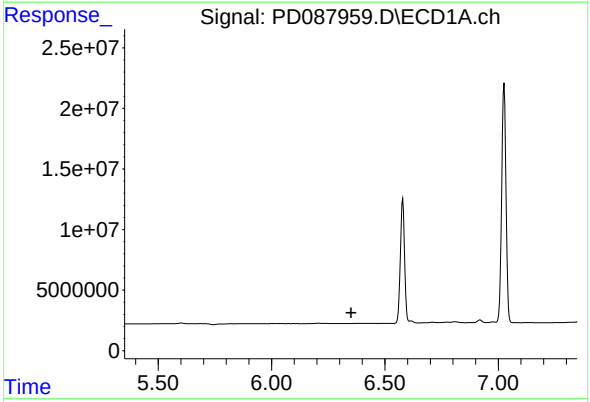
R.T.: 6.205 min
Delta R.T.: 0.005 min
Response: 450753
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



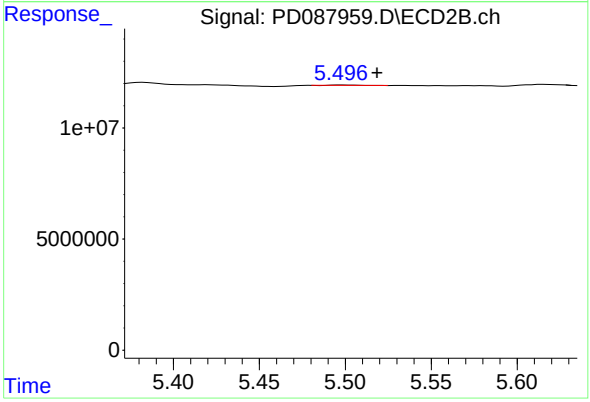
#12 4,4'-DDE

R.T.: 5.383 min
Delta R.T.: 0.001 min
Response: 2413687
Conc: 0.13 ng/ml



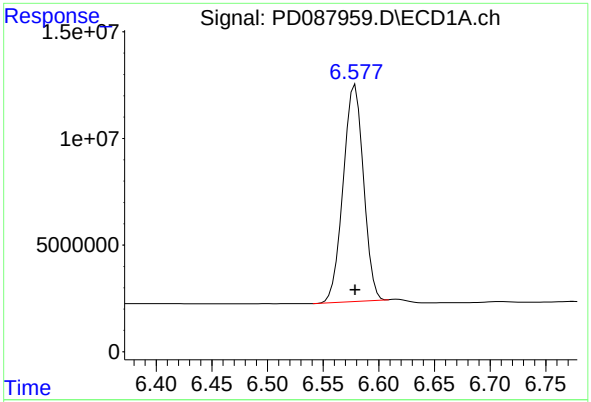
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 6.351 min
Response: 0
Conc: N.D.



#13 Dieldrin

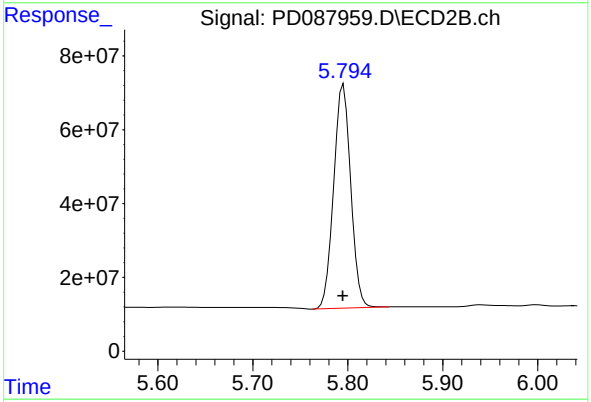
R.T.: 5.497 min
Delta R.T.: -0.021 min
Response: 149824
Conc: 0.01 ng/ml



#14 Endrin

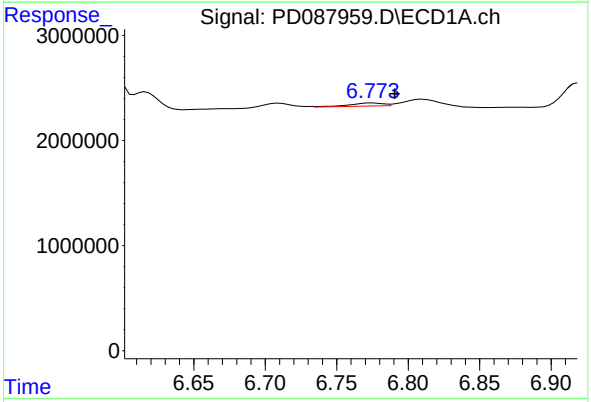
R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 129325019
Conc: 46.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



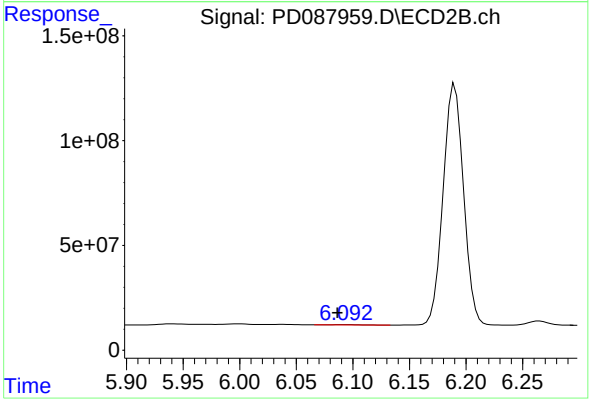
#14 Endrin

R.T.: 5.795 min
Delta R.T.: 0.000 min
Response: 757713997
Conc: 45.22 ng/ml



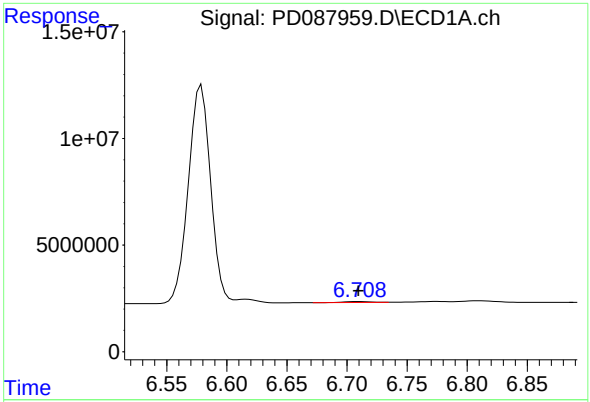
#15 Endosulfan II

R.T.: 6.775 min
Delta R.T.: -0.016 min
Response: 473498
Conc: 0.16 ng/ml



#15 Endosulfan II

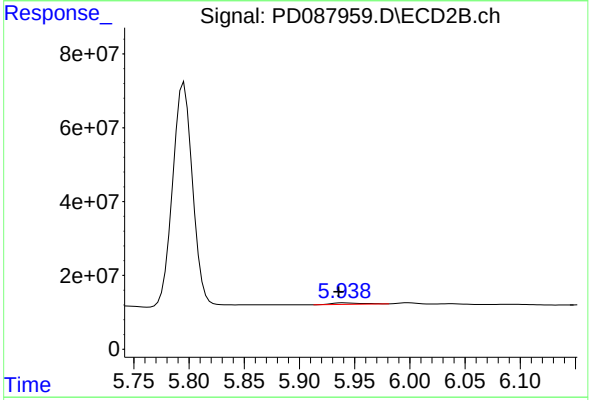
R.T.: 6.092 min
Delta R.T.: 0.006 min
Response: 2146151
Conc: 0.13 ng/ml



#16 4,4'-DDD

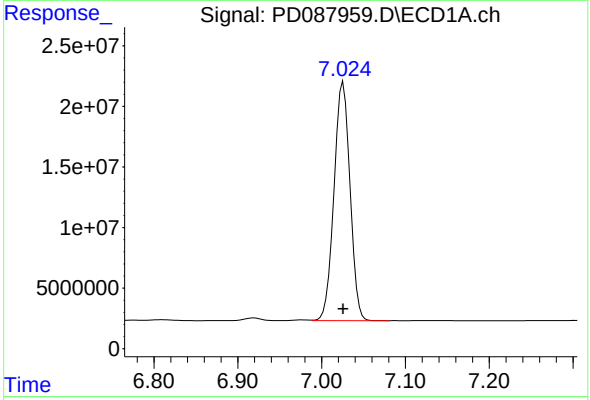
R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 571360
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



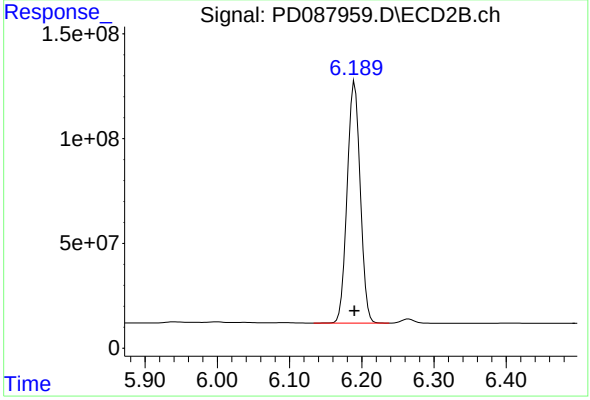
#16 4,4'-DDD

R.T.: 5.940 min
Delta R.T.: 0.005 min
Response: 7376301
Conc: 0.49 ng/ml



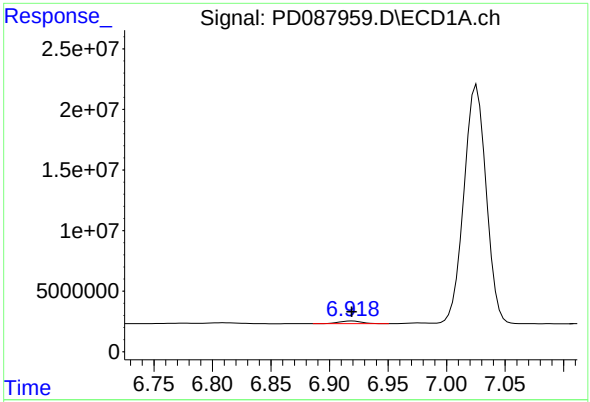
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 261203751
Conc: 100.18 ng/ml



#17 4,4'-DDT

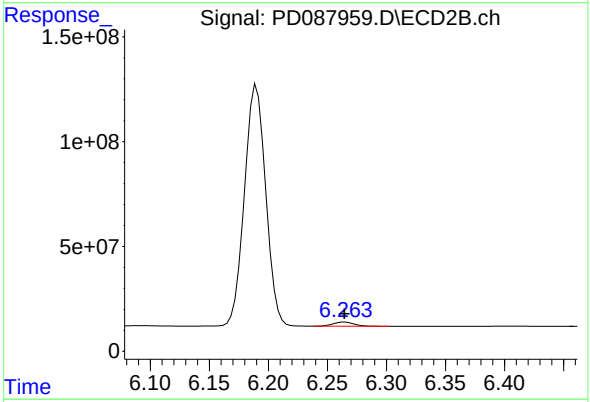
R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 1445446558
Conc: 93.49 ng/ml



#18 Endrin aldehyde

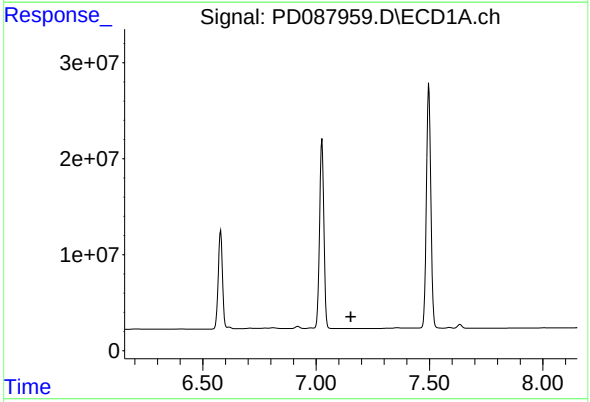
R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 3093424
Conc: 1.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



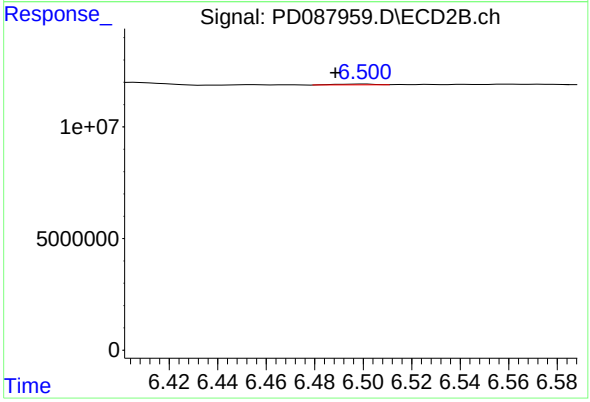
#18 Endrin aldehyde

R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 24918511
Conc: 1.98 ng/ml



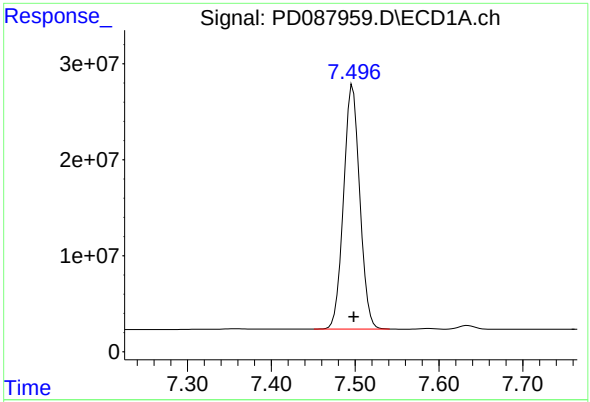
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.153 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

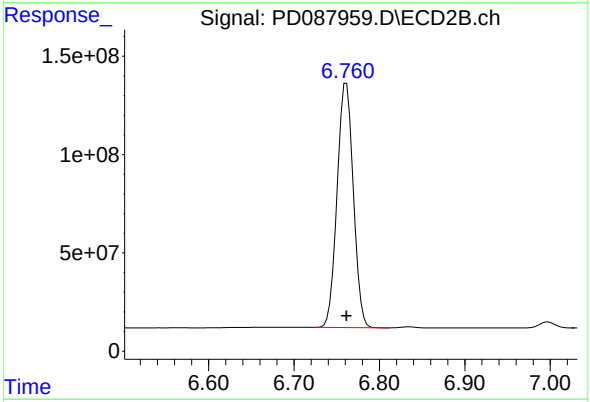
R.T.: 6.501 min
Delta R.T.: 0.012 min
Response: 409040
Conc: 0.03 ng/ml



#20 Methoxychlor

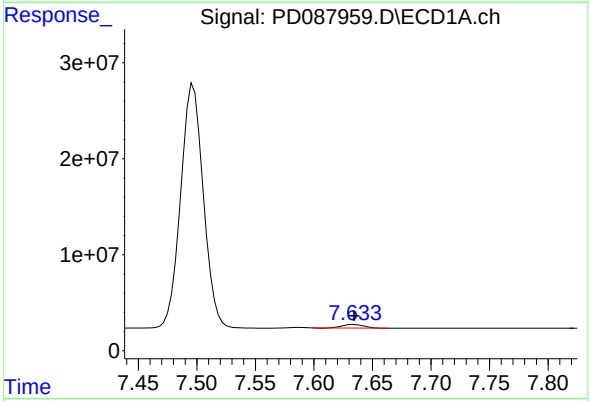
R.T.: 7.497 min
Delta R.T.: -0.001 min
Response: 342008568
Conc: 242.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



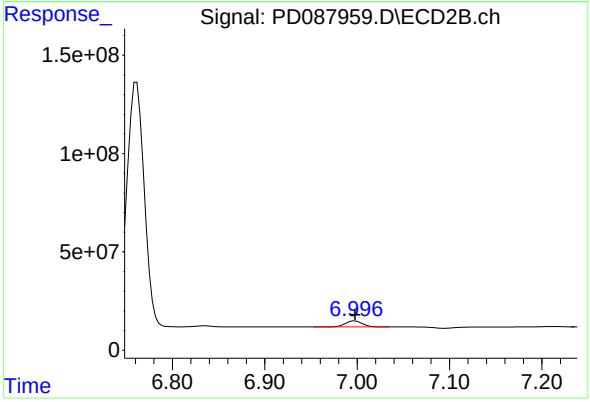
#20 Methoxychlor

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 1641184575
Conc: 198.56 ng/ml



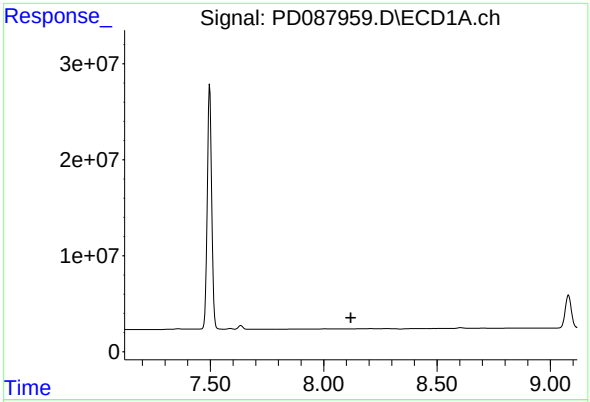
#21 Endrin ketone

R.T.: 7.634 min
Delta R.T.: 0.000 min
Response: 4747118
Conc: 1.65 ng/ml



#21 Endrin ketone

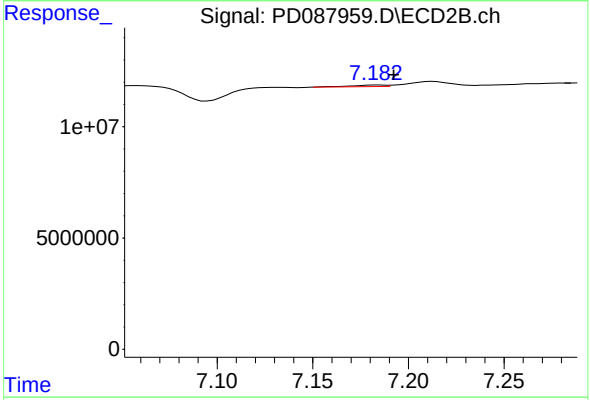
R.T.: 6.998 min
Delta R.T.: 0.000 min
Response: 39051306
Conc: 2.29 ng/ml



#22 Mirex

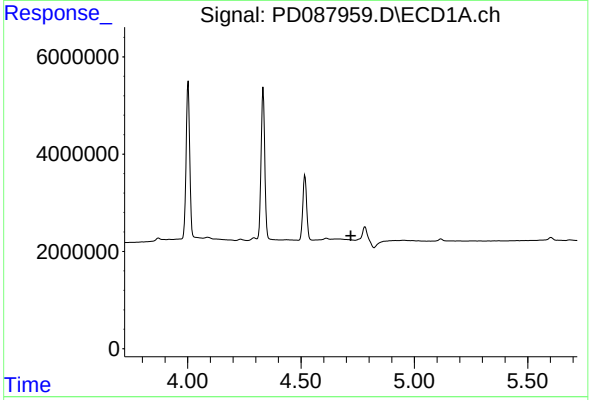
R.T.: 0.000 min
Exp R.T. : 8.119 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



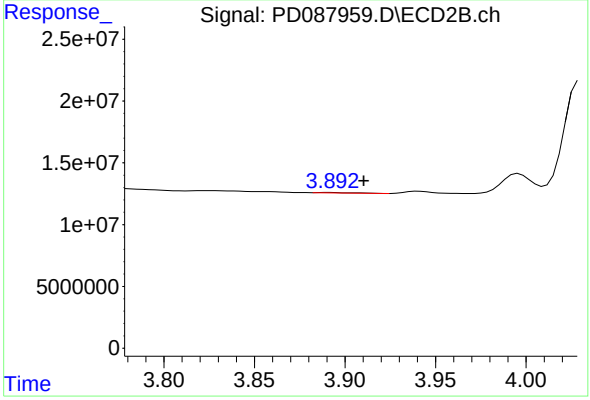
#22 Mirex

R.T.: 7.184 min
Delta R.T.: -0.008 min
Response: 863946
Conc: 0.06 ng/ml



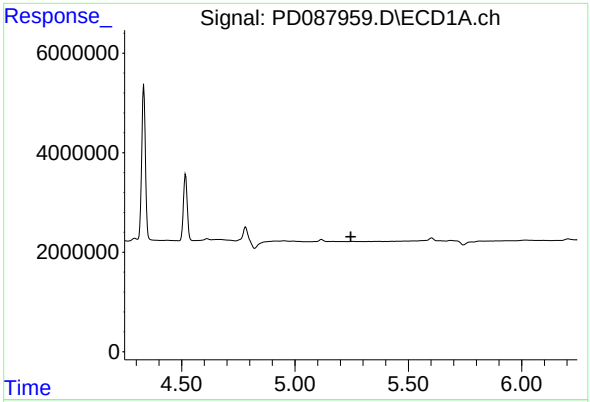
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.719 min
Response: 0
Conc: N.D.



#23 Chlordane-1

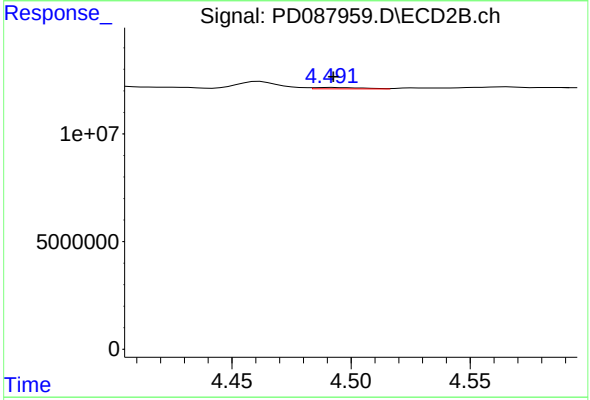
R.T.: 3.891 min
Delta R.T.: -0.019 min
Response: 395635
Conc: 0.62 ng/ml



#24 Chlordane-2

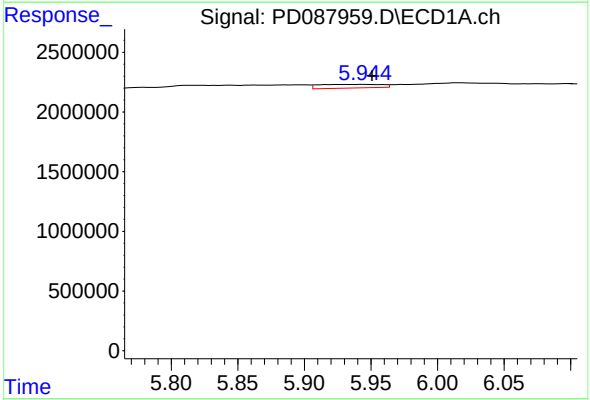
R.T.: 0.000 min
Exp R.T. : 5.246 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



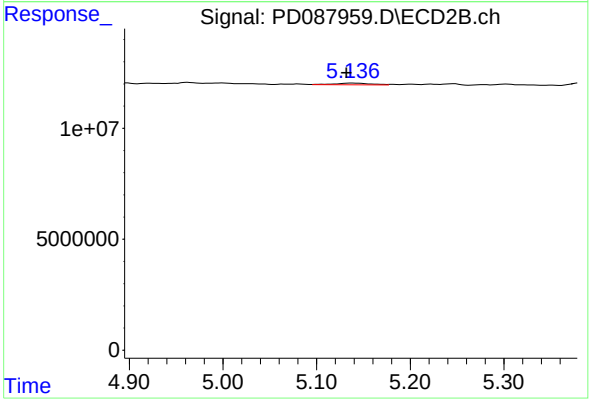
#24 Chlordane-2

R.T.: 4.492 min
Delta R.T.: 0.000 min
Response: 872023
Conc: 1.29 ng/ml



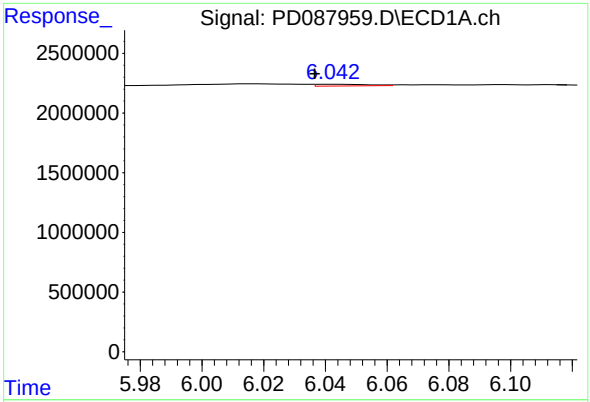
#25 Chlordane-3

R.T.: 5.945 min
Delta R.T.: -0.006 min
Response: 992835
Conc: 1.91 ng/ml



#25 Chlordane-3

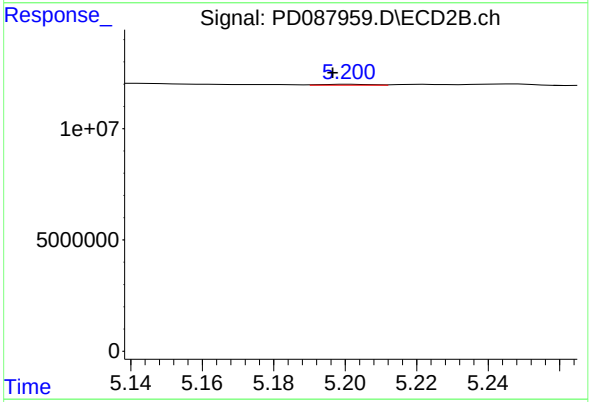
R.T.: 5.138 min
Delta R.T.: 0.006 min
Response: 1967585
Conc: 1.01 ng/ml



#26 Chlordane-4

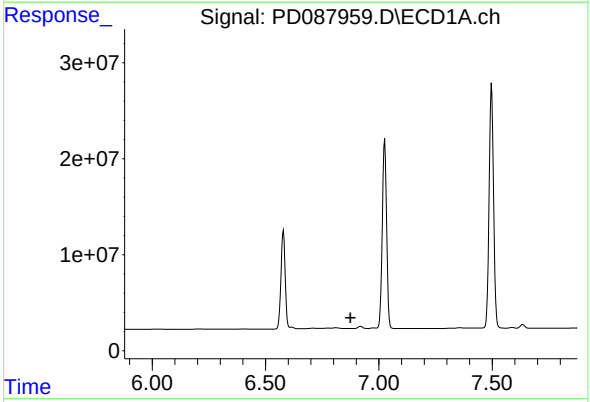
R.T.: 6.043 min
Delta R.T.: 0.006 min
Response: 179524
Conc: 0.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



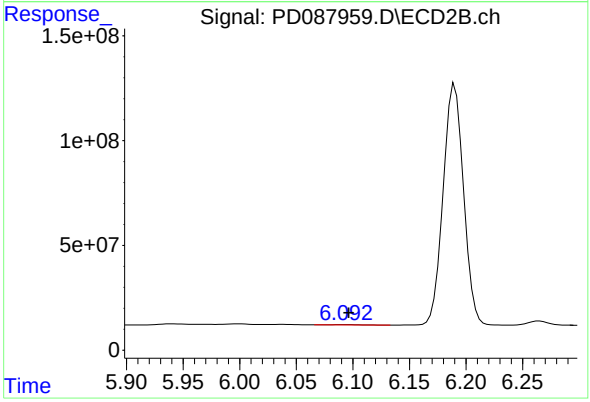
#26 Chlordane-4

R.T.: 5.202 min
Delta R.T.: 0.005 min
Response: 384238
Conc: 0.24 ng/ml



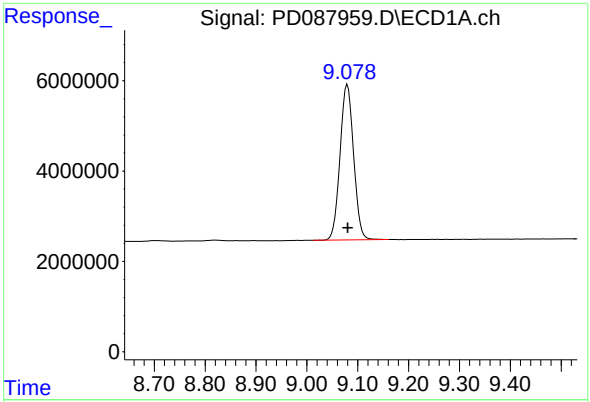
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.875 min
Response: 0
Conc: N.D.



#27 Chlordane-5

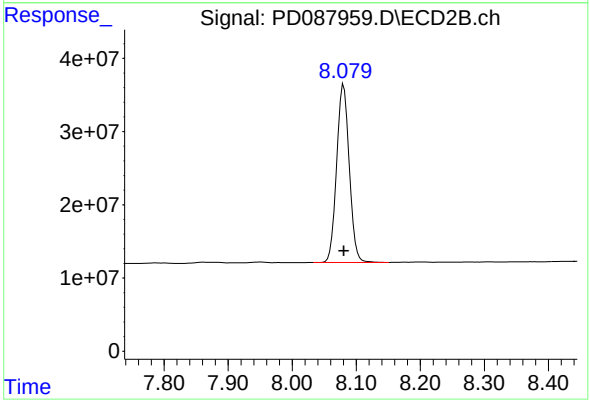
R.T.: 6.092 min
Delta R.T.: -0.005 min
Response: 2146151
Conc: 2.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.080 min
Delta R.T.: 0.000 min
Response: 63783867
Conc: 21.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.080 min
Delta R.T.: 0.000 min
Response: 333032633
Conc: 21.31 ng/ml