Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112724\
Data File : PD086945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Nov 2024 11:01
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: Nov 27 13:49:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
Quant Title : GC Extractables
QLast Update : Wed Nov 27 13:46:45 2024
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...	3.557	2.884	39428434	236.5E6	19.717	20.657	
28)	SA Decachlor...	9.087	8.087	66521357	295.0E6	20.912	21.177	
	Target Compounds							
2)	A alpha-BHC	4.006	3.398	36235993	190.6E6	9.005	10.819	
3)	MA gamma-BHC...	4.337	3.735	36102856	178.2E6	9.052	10.608	
5)	MB Aldrin	0.000	4.370	0	1290468	N.D.	0.077	#
6)	B beta-BHC	4.521	4.030	16665842	81282986	10.567	11.349	
7)	B delta-BHC	4.784	4.266	264371	655108	0.065	0.039	#
8)	B Heptachlo...	5.690	4.903f	141188	282752	0.039	0.019	#
9)	A Endosulfan I	6.051f	5.251	165556	1107057	0.049	0.078	#
10)	B gamma-Chl...	0.000	5.135	0	227266	N.D.	0.015	#
11)	B alpha-Chl...	6.051f	5.201	165556	525189	0.046	0.034	#
12)	B 4,4'-DDE	6.210	5.386	281717	1670166	0.087	0.111	#
13)	MA Dieldrin	0.000	5.524	0	112512	N.D.	0.007	#
14)	MA Endrin	6.584	5.798	139.0E6	647.4E6	45.935	46.283	
15)	B Endosulfa...	6.814f	6.098	960944	1680748	0.321	0.122	#
16)	A 4,4'-DDD	6.715	5.941	1036377	4921823	0.399	0.392	
17)	MA 4,4'-DDT	7.031	6.195	289.8E6	1248.5E6	102.603	93.631	
18)	B Endrin al...	6.924	6.268	3281809	20413104	1.342	1.840	#
19)	B Endosulfa...	0.000	6.494	0	782958	N.D.	0.058	#
20)	A Methoxychlor	7.503	6.766	379.1E6	1394.5E6	237.067	194.401	
21)	B Endrin ke...	7.639	7.001	6424480	39136716	1.980	2.597	#
22)	Mirex	0.000	7.191	0	1109790	N.D.	0.090	#
23)	Chlordane-1	0.000	3.942f	0	1897836	N.D.	3.647	#
24)	Chlordane-2	0.000	4.493	0	570665	N.D.	1.024	#
25)	Chlordane-3	0.000	5.135	0	227266	N.D.	0.137	#
26)	Chlordane-4	6.051	5.201	165556	525189	0.251	0.375	#
27)	Chlordane-5	0.000	6.098	0	1680748	N.D.	2.623	#

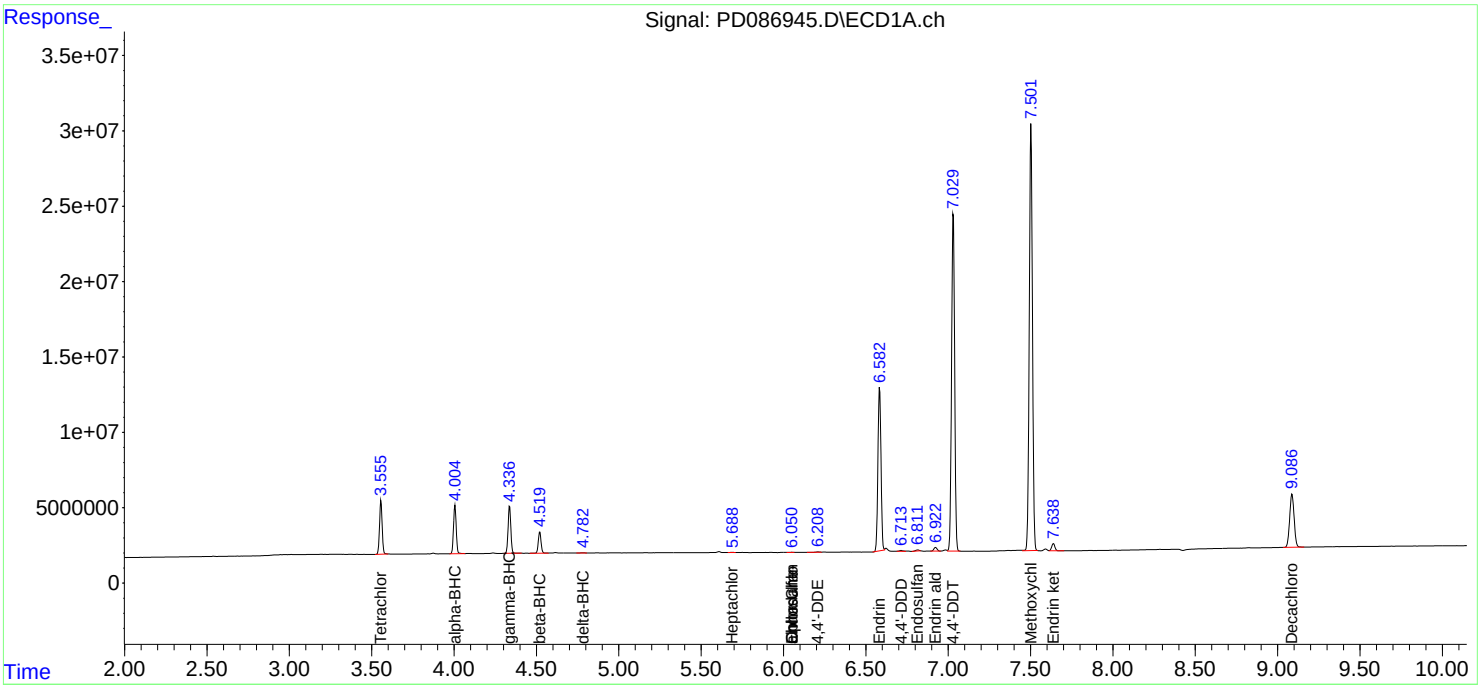
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

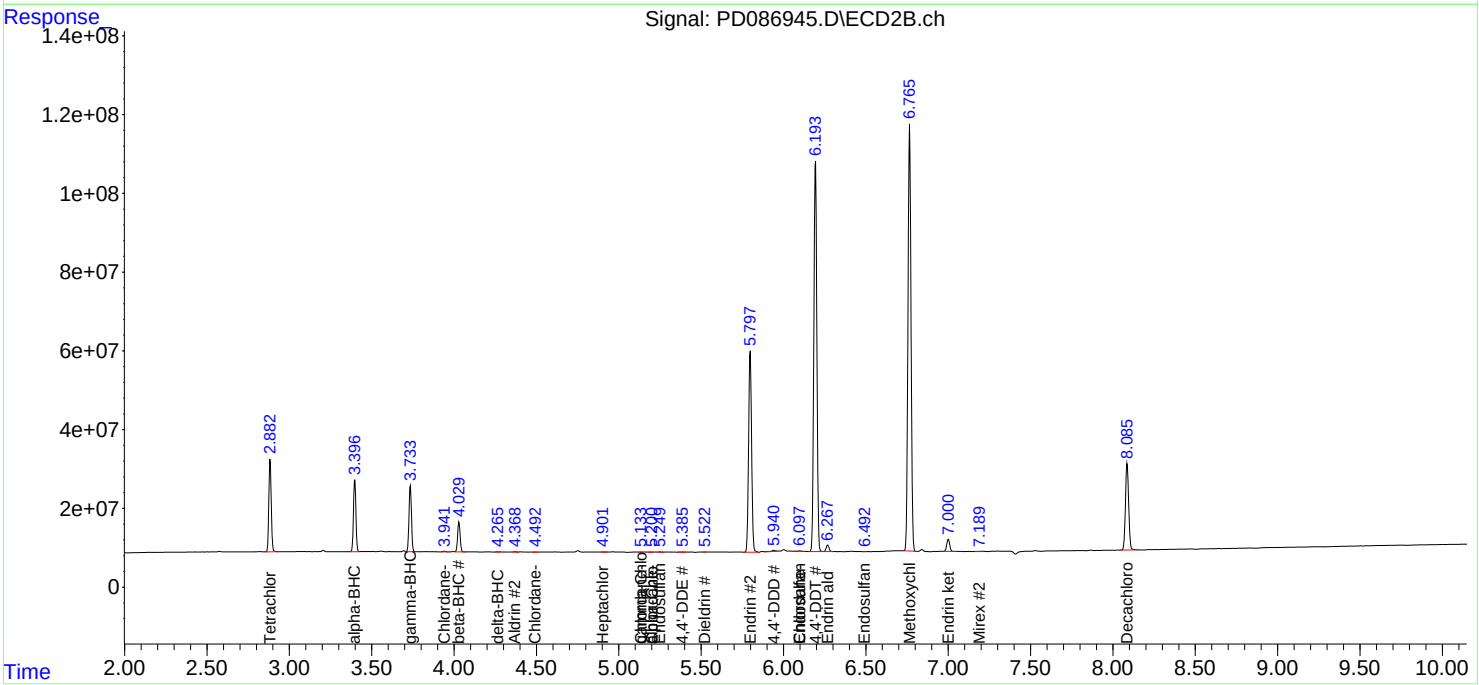
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112724\
Data File : PD086945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Nov 2024 11:01
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

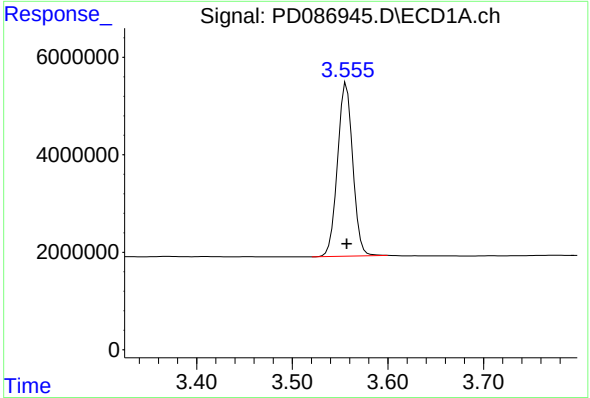
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 27 13:49:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
Quant Title : GC Extractables
QLast Update : Wed Nov 27 13:46:45 2024
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



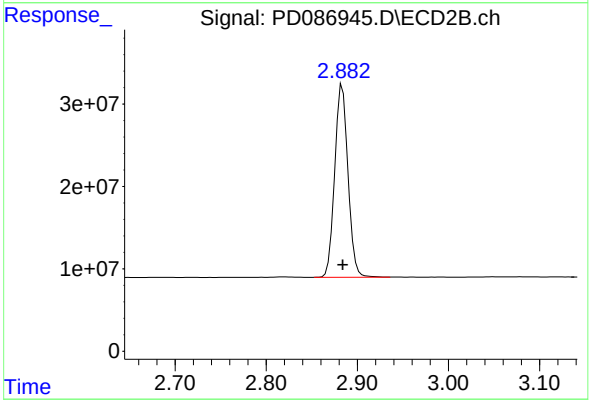




#1 Tetrachloro-m-xylene

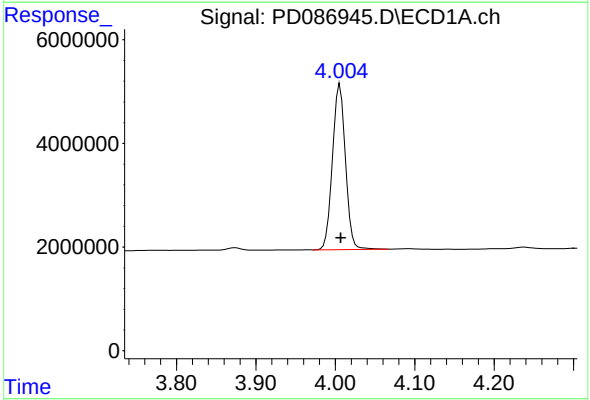
R.T.: 3.557 min
Delta R.T.: 0.000 min
Response: 39428434
Conc: 19.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



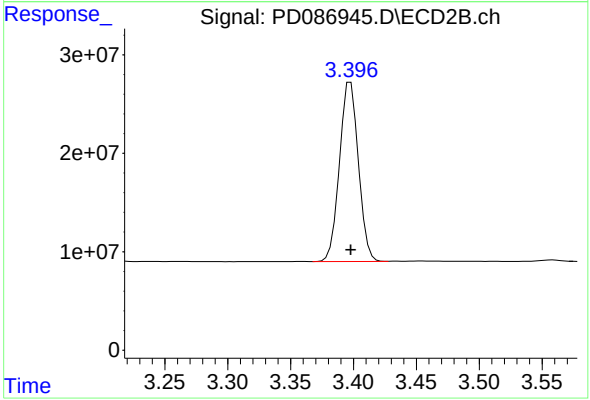
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 236451486
Conc: 20.66 ng/ml



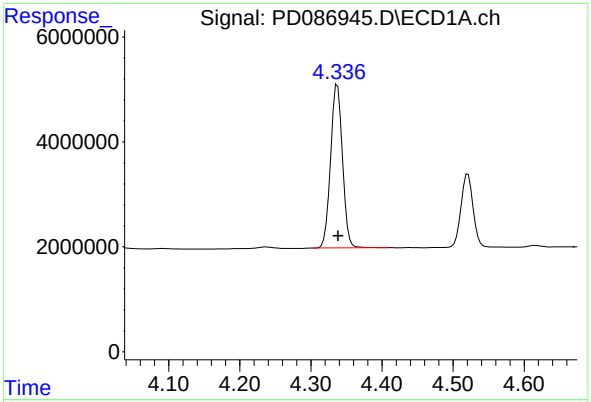
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 36235993
Conc: 9.00 ng/ml



#2 alpha-BHC

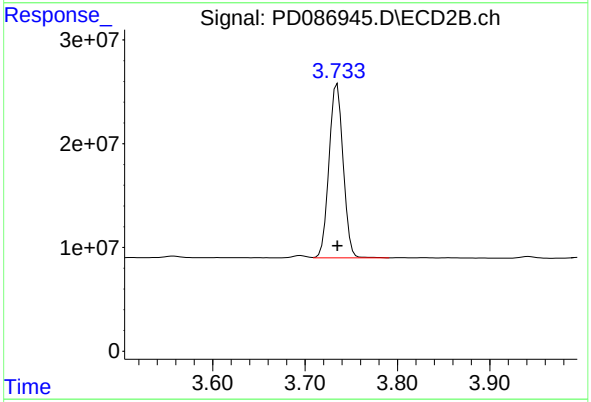
R.T.: 3.398 min
Delta R.T.: 0.000 min
Response: 190641909
Conc: 10.82 ng/ml



#3 gamma-BHC (Lindane)

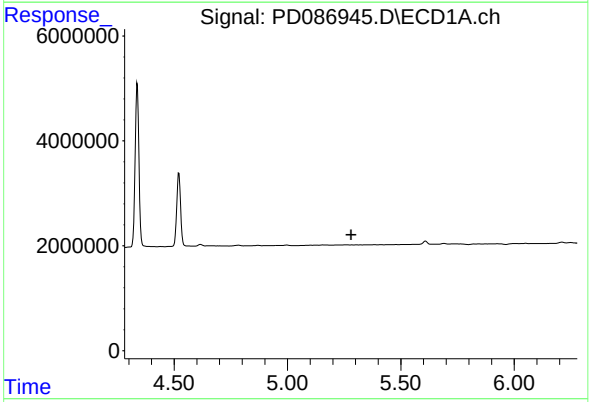
R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 36102856
Conc: 9.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



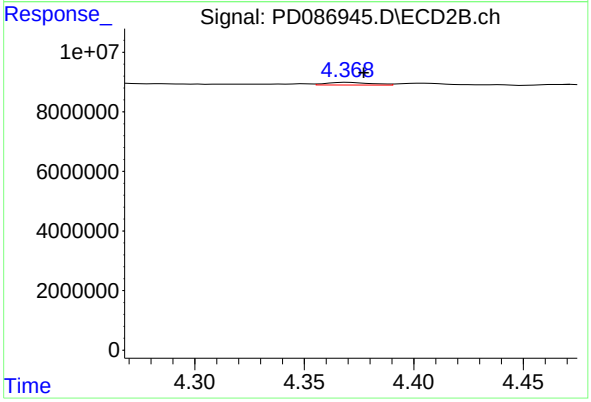
#3 gamma-BHC (Lindane)

R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 178166236
Conc: 10.61 ng/ml



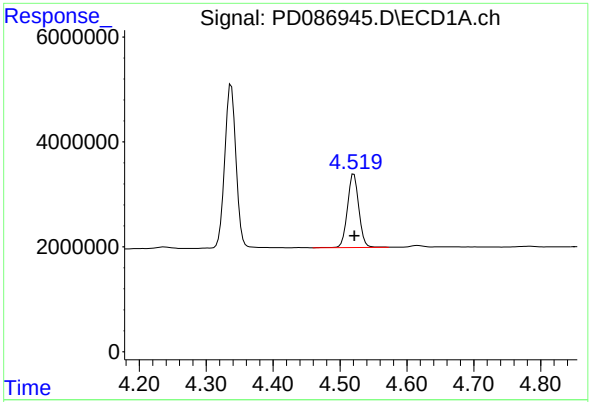
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.280 min
Response: 0
Conc: N.D.



#5 Aldrin

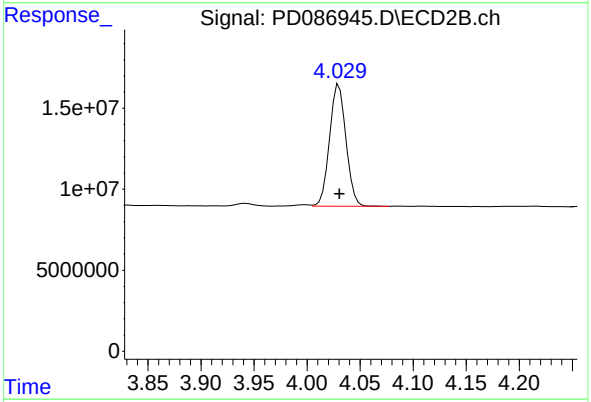
R.T.: 4.370 min
Delta R.T.: -0.007 min
Response: 1290468
Conc: 0.08 ng/ml



#6 beta-BHC

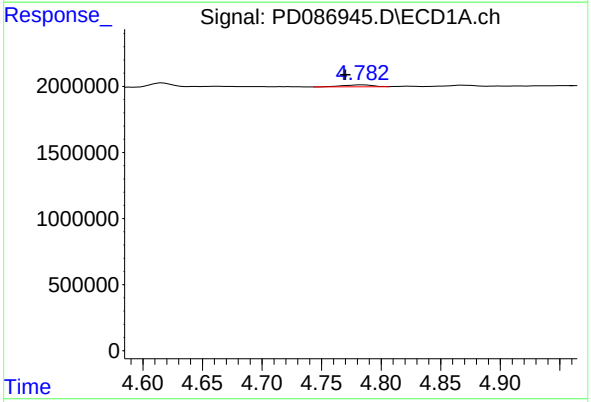
R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 16665842
Conc: 10.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



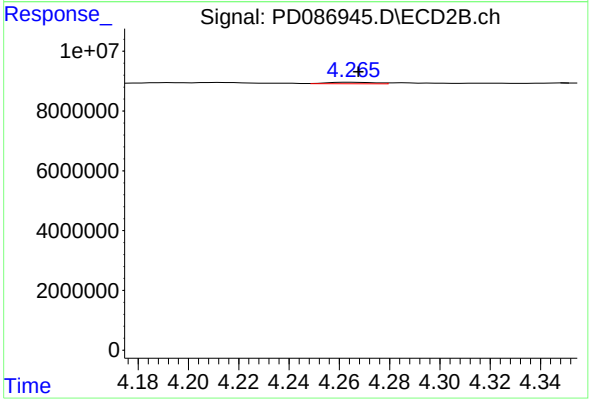
#6 beta-BHC

R.T.: 4.030 min
Delta R.T.: 0.000 min
Response: 81282986
Conc: 11.35 ng/ml



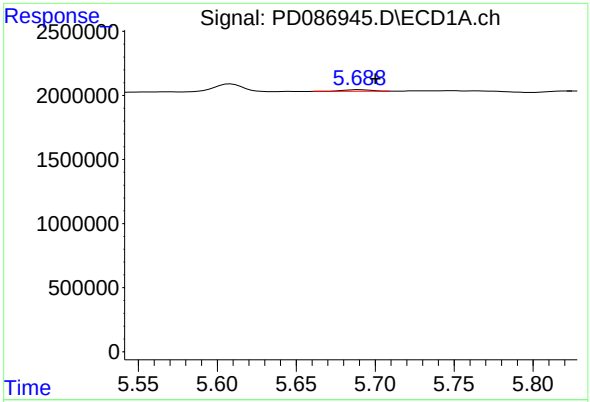
#7 delta-BHC

R.T.: 4.784 min
Delta R.T.: 0.014 min
Response: 264371
Conc: 0.06 ng/ml



#7 delta-BHC

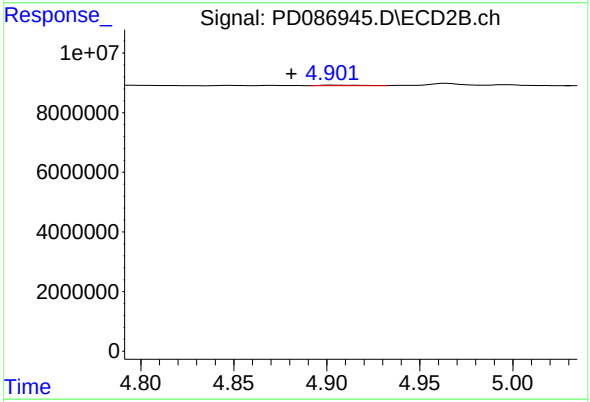
R.T.: 4.266 min
Delta R.T.: -0.002 min
Response: 655108
Conc: 0.04 ng/ml



#8 Heptachlor epoxide

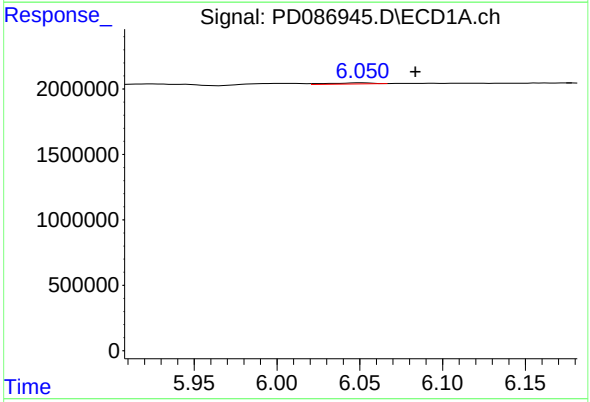
R.T.: 5.690 min
Delta R.T.: -0.010 min
Response: 141188
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



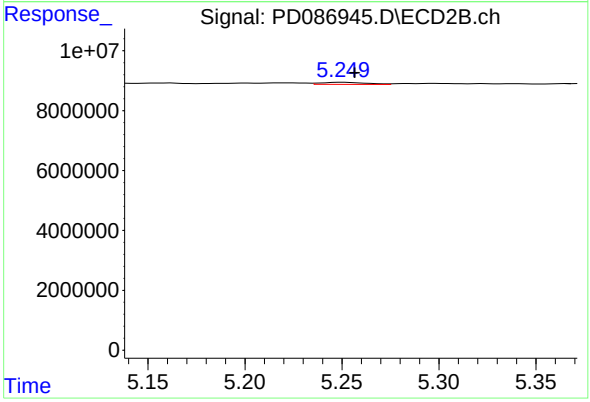
#8 Heptachlor epoxide

R.T.: 4.903 min
Delta R.T.: 0.022 min
Response: 282752
Conc: 0.02 ng/ml



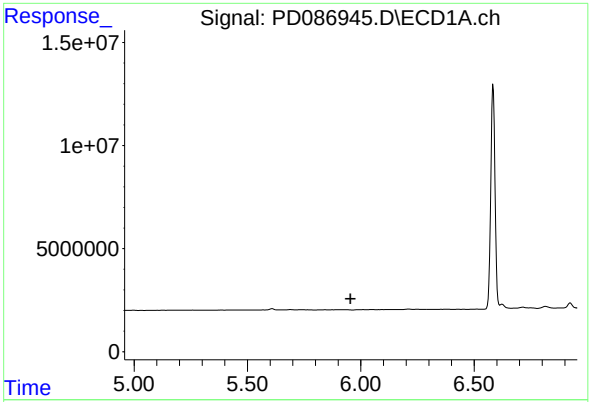
#9 Endosulfan I

R.T.: 6.051 min
Delta R.T.: -0.032 min
Response: 165556
Conc: 0.05 ng/ml



#9 Endosulfan I

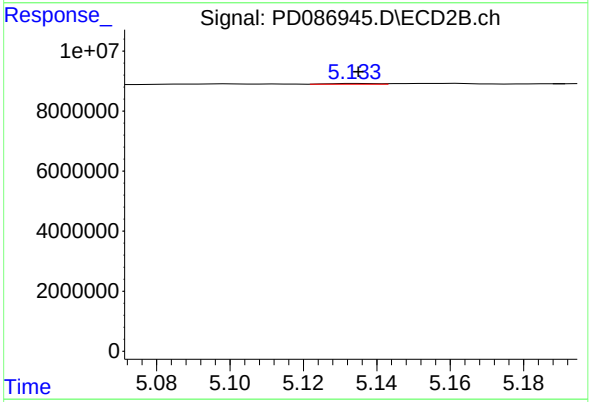
R.T.: 5.251 min
Delta R.T.: -0.006 min
Response: 1107057
Conc: 0.08 ng/ml



#10 gamma-Chlordane

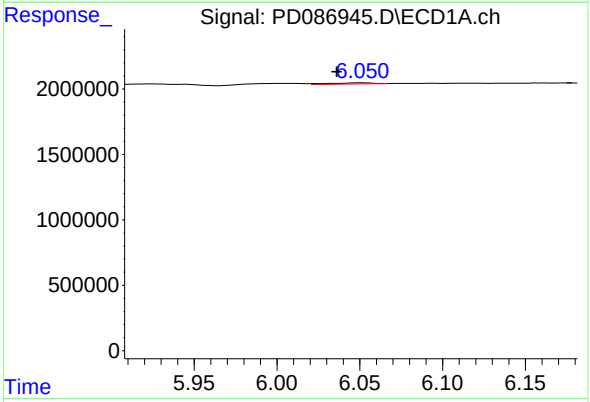
R.T.: 0.000 min
Exp R.T. : 5.955 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



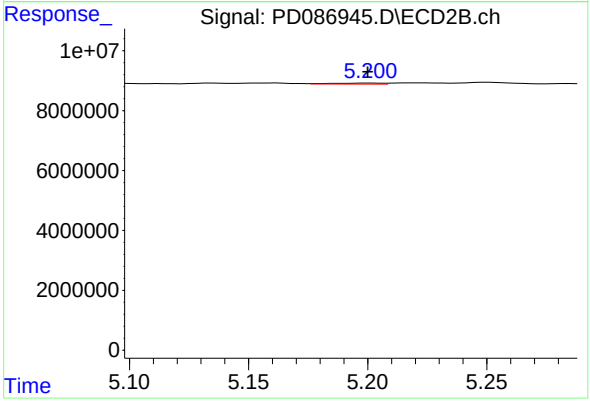
#10 gamma-Chlordane

R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 227266
Conc: 0.01 ng/ml



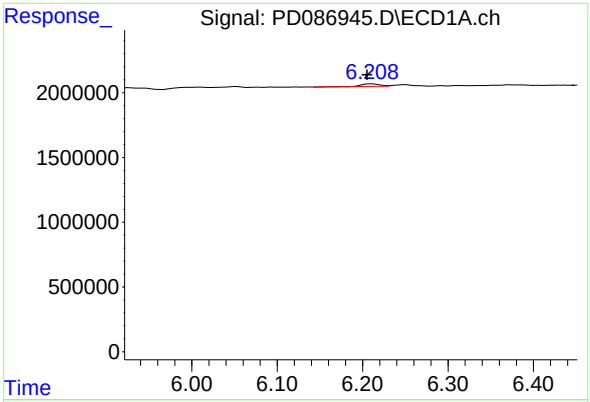
#11 alpha-Chlordane

R.T.: 6.051 min
Delta R.T.: 0.016 min
Response: 165556
Conc: 0.05 ng/ml



#11 alpha-Chlordane

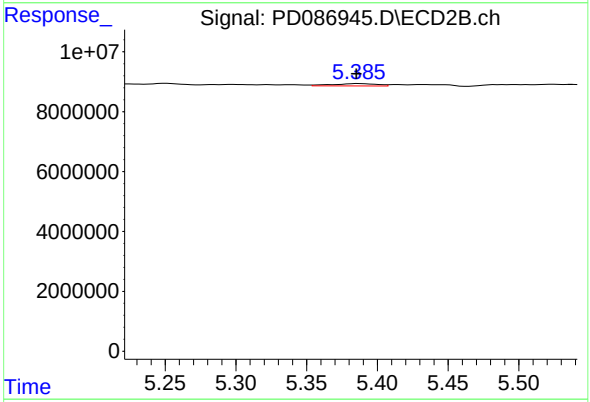
R.T.: 5.201 min
Delta R.T.: 0.001 min
Response: 525189
Conc: 0.03 ng/ml



#12 4,4'-DDE

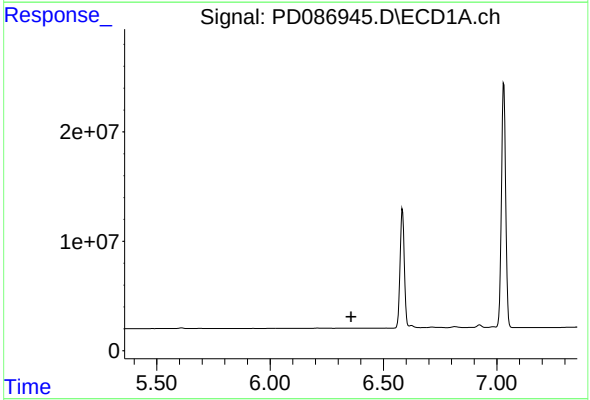
R.T.: 6.210 min
Delta R.T.: 0.005 min
Response: 281717
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



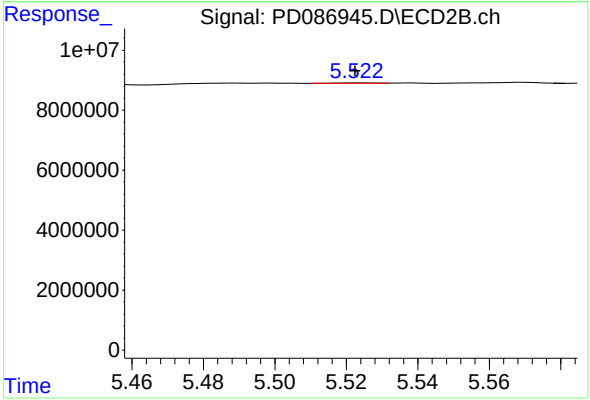
#12 4,4'-DDE

R.T.: 5.386 min
Delta R.T.: 0.001 min
Response: 1670166
Conc: 0.11 ng/ml



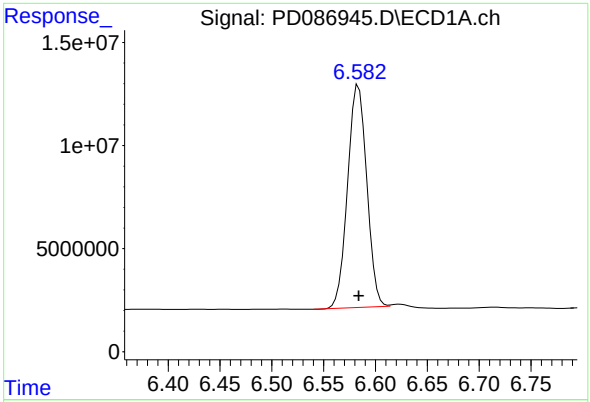
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 6.357 min
Response: 0
Conc: N.D.



#13 Dieldrin

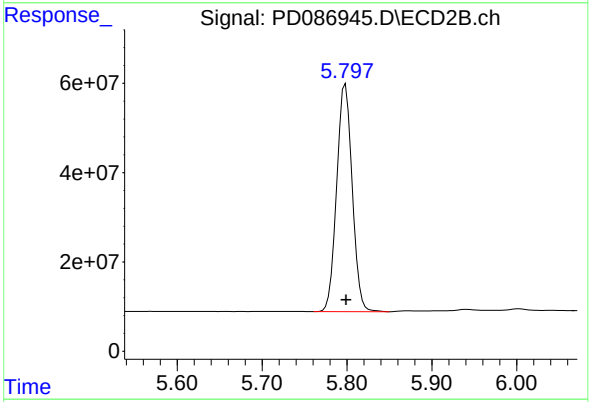
R.T.: 5.524 min
Delta R.T.: 0.001 min
Response: 112512
Conc: 0.01 ng/ml



#14 Endrin

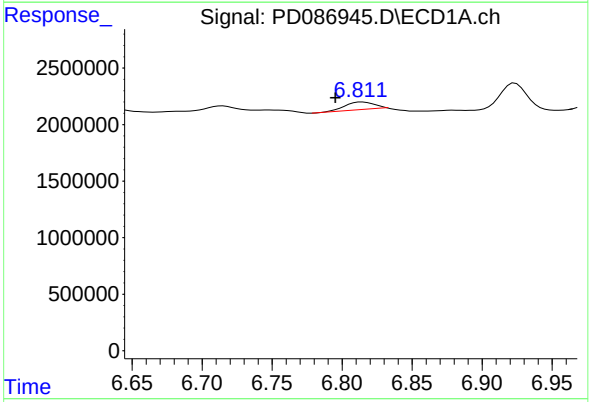
R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 138997277
Conc: 45.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



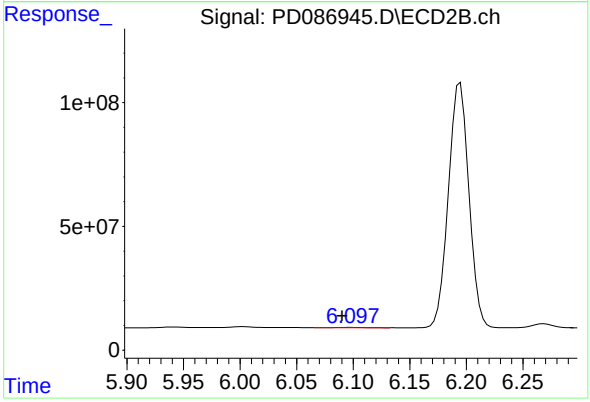
#14 Endrin

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 647435177
Conc: 46.28 ng/ml



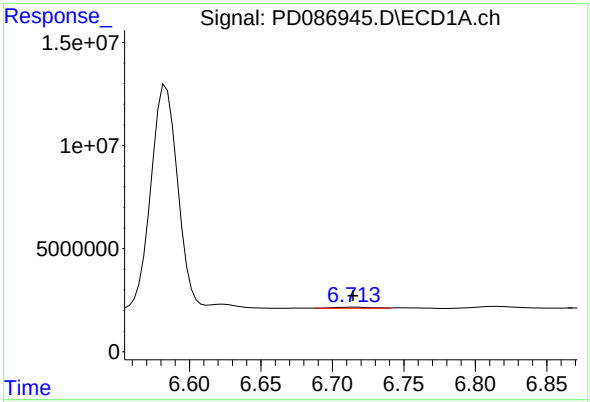
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: 0.019 min
Response: 960944
Conc: 0.32 ng/ml



#15 Endosulfan II

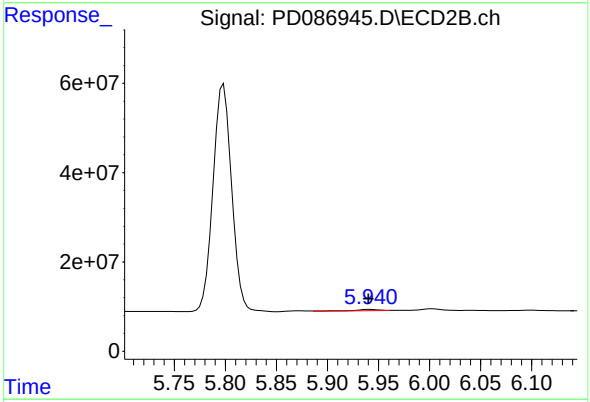
R.T.: 6.098 min
Delta R.T.: 0.008 min
Response: 1680748
Conc: 0.12 ng/ml



#16 4,4'-DDD

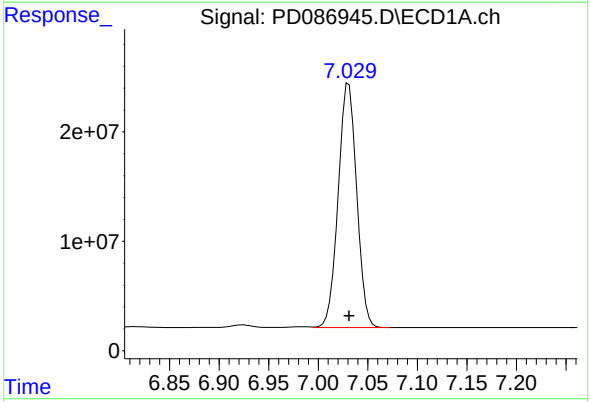
R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 1036377
Conc: 0.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



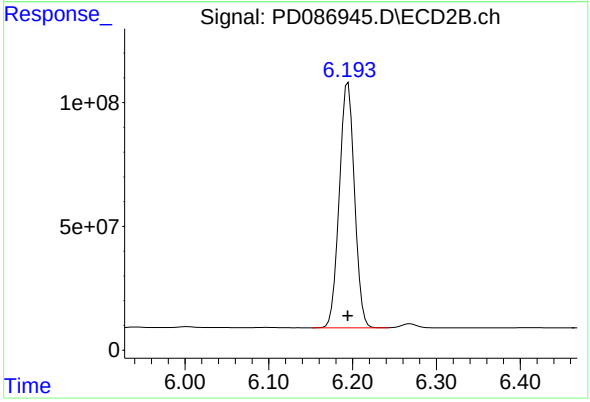
#16 4,4'-DDD

R.T.: 5.941 min
Delta R.T.: 0.001 min
Response: 4921823
Conc: 0.39 ng/ml



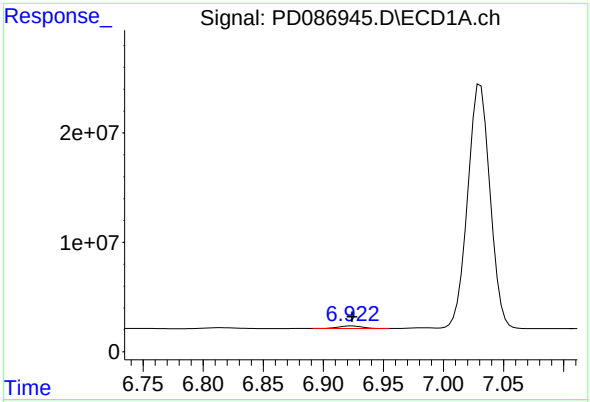
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 289843343
Conc: 102.60 ng/ml



#17 4,4'-DDT

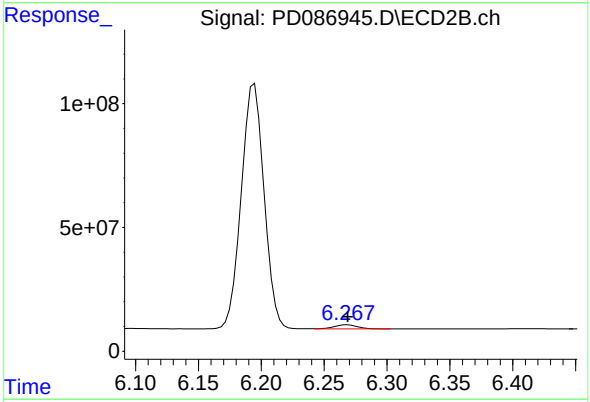
R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 1248459342
Conc: 93.63 ng/ml



#18 Endrin aldehyde

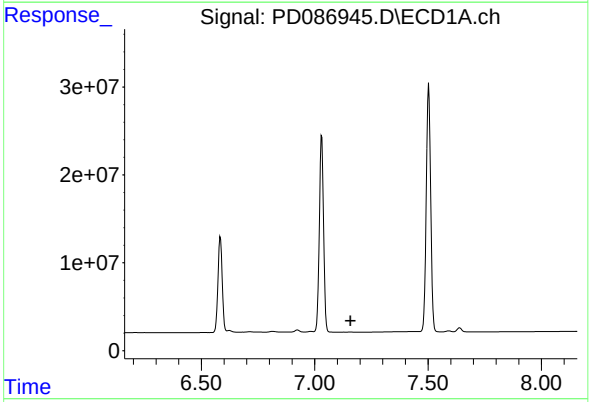
R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 3281809
Conc: 1.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



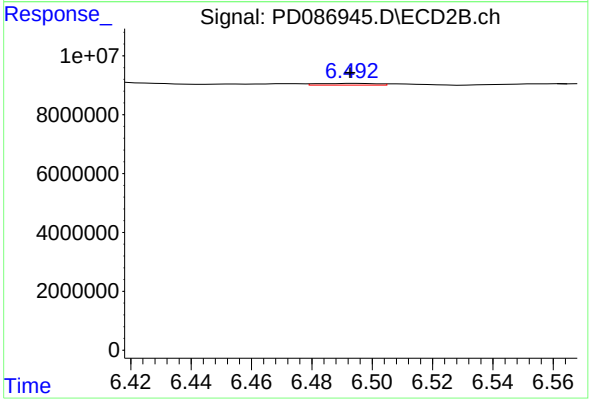
#18 Endrin aldehyde

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 20413104
Conc: 1.84 ng/ml



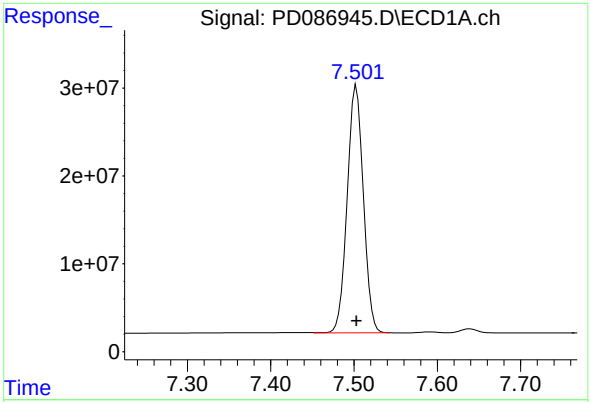
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.158 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

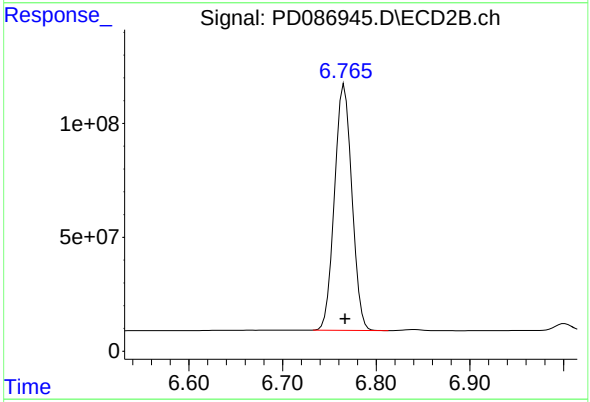
R.T.: 6.494 min
Delta R.T.: 0.001 min
Response: 782958
Conc: 0.06 ng/ml



#20 Methoxychlor

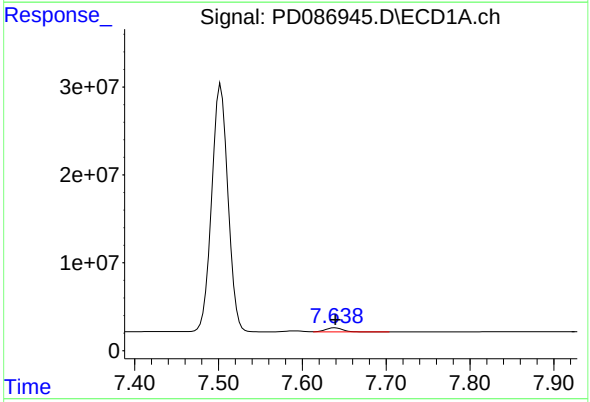
R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 379137929
Conc: 237.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



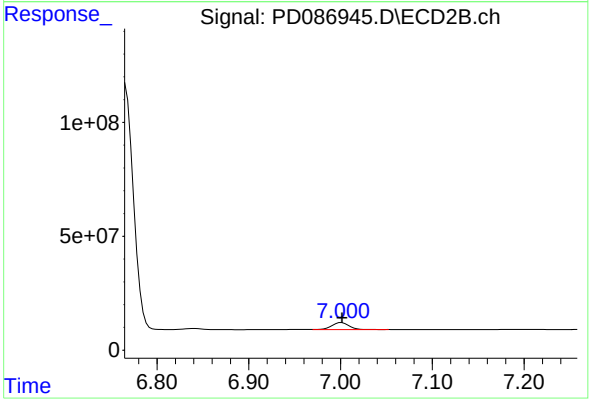
#20 Methoxychlor

R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 1394480011
Conc: 194.40 ng/ml



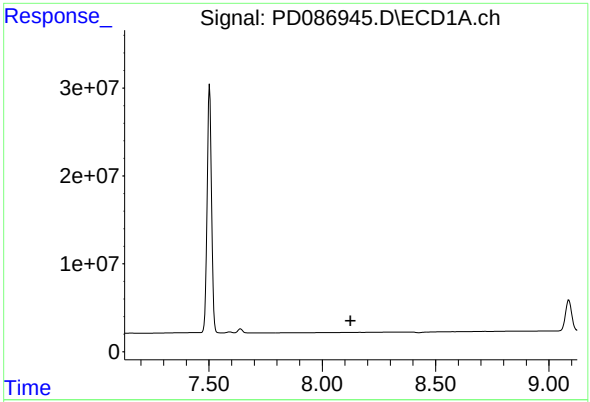
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: 0.000 min
Response: 6424480
Conc: 1.98 ng/ml



#21 Endrin ketone

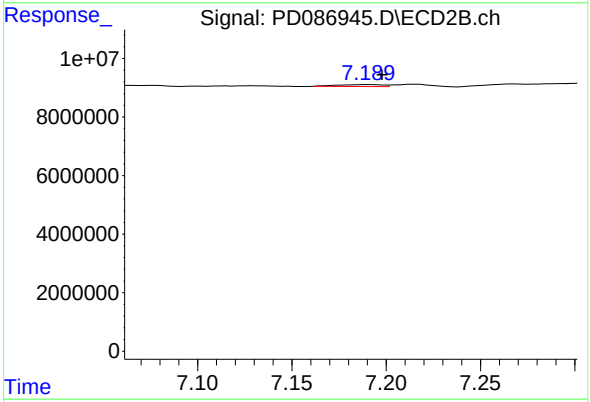
R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 39136716
Conc: 2.60 ng/ml



#22 Mirex

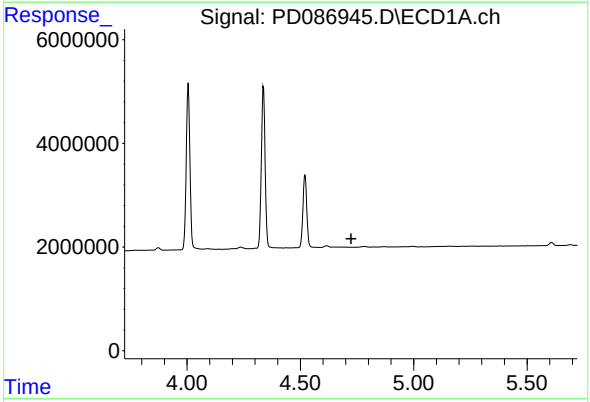
R.T.: 0.000 min
Exp R.T. : 8.125 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



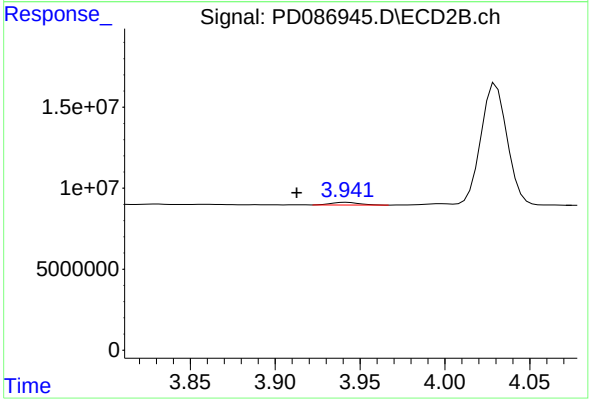
#22 Mirex

R.T.: 7.191 min
Delta R.T.: -0.007 min
Response: 1109790
Conc: 0.09 ng/ml



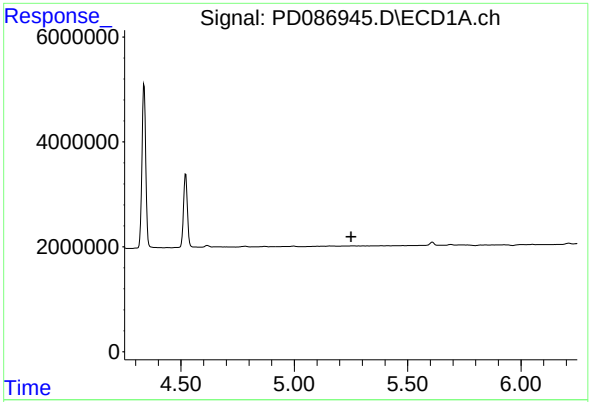
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.724 min
Response: 0
Conc: N.D.



#23 Chlordane-1

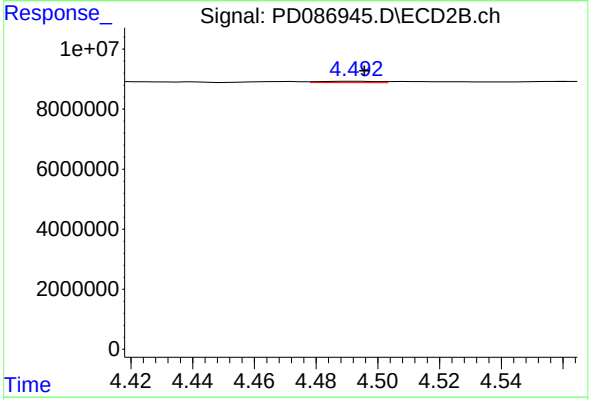
R.T.: 3.942 min
Delta R.T.: 0.030 min
Response: 1897836
Conc: 3.65 ng/ml



#24 Chlordane-2

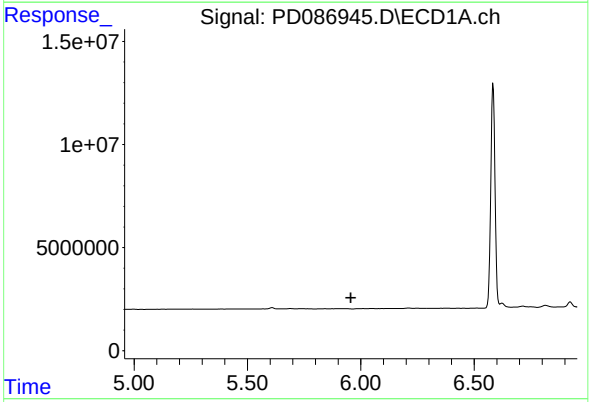
R.T.: 0.000 min
Exp R.T. : 5.250 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



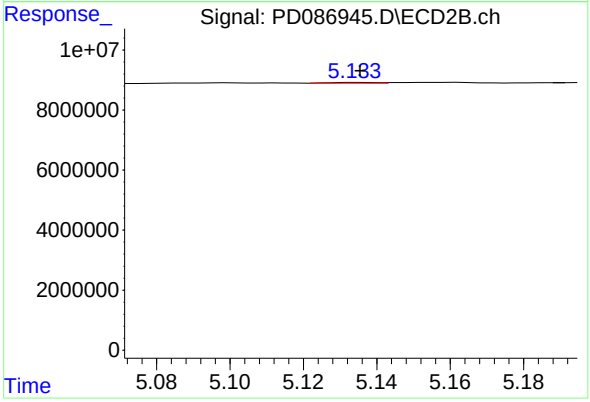
#24 Chlordane-2

R.T.: 4.493 min
Delta R.T.: -0.002 min
Response: 570665
Conc: 1.02 ng/ml



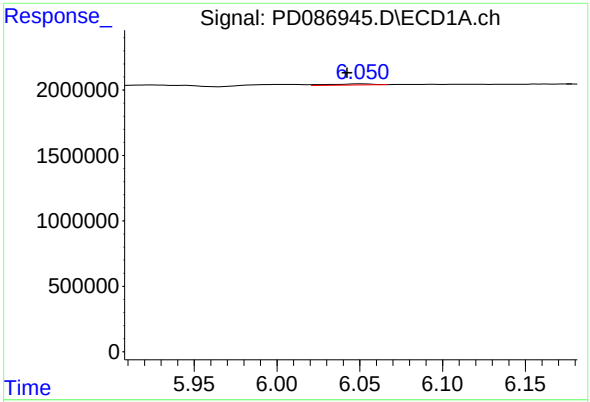
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 5.956 min
Response: 0
Conc: N.D.



#25 Chlordane-3

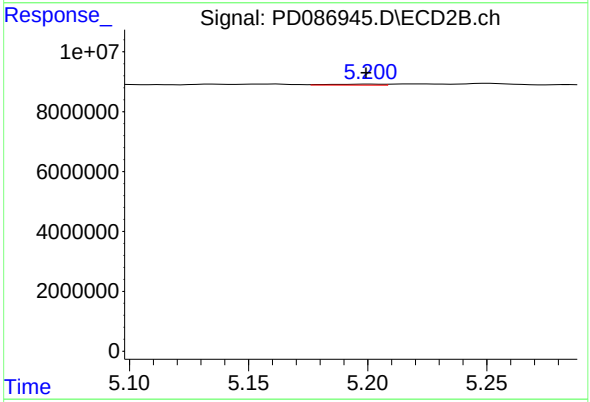
R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 227266
Conc: 0.14 ng/ml



#26 Chlordane-4

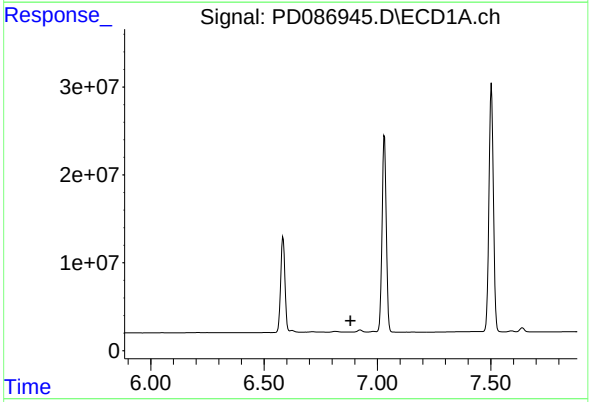
R.T.: 6.051 min
Delta R.T.: 0.009 min
Response: 165556
Conc: 0.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



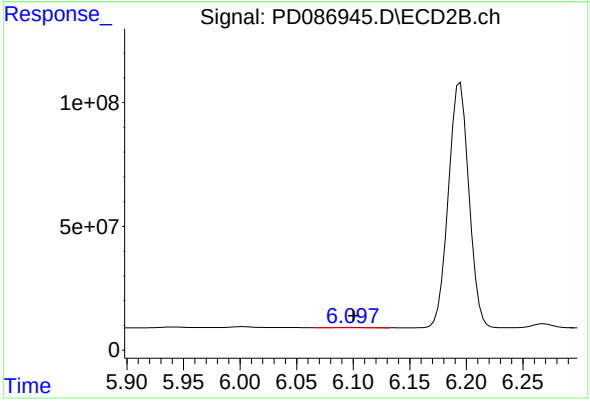
#26 Chlordane-4

R.T.: 5.201 min
Delta R.T.: 0.002 min
Response: 525189
Conc: 0.37 ng/ml



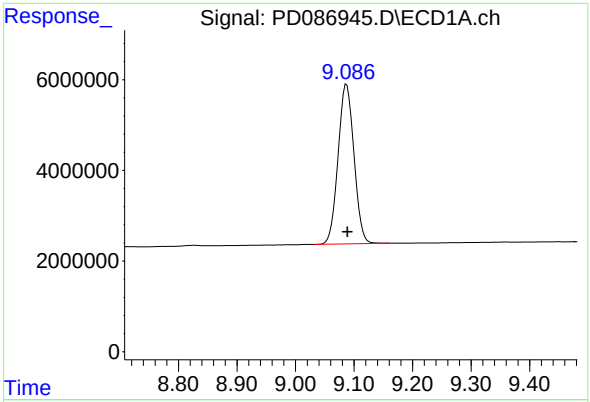
#27 Chlordane-5

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



#27 Chlordane-5

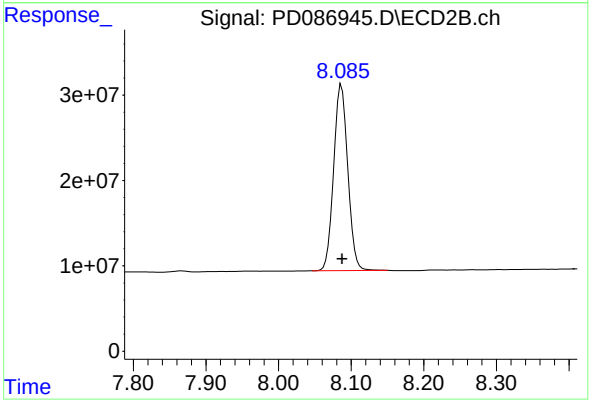
R.T.: 6.098 min
Delta R.T.: -0.002 min
Response: 1680748
Conc: 2.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: -0.001 min
Response: 66521357
Conc: 20.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.087 min
Delta R.T.: 0.000 min
Response: 295049017
Conc: 21.18 ng/ml