Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
Data File : PD076446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2023 12:10
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: Jul 10 22:23:31 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
Quant Title : GC Extractables
QLast Update : Wed Jul 05 05:21:22 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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...	3.545	2.764	45573567	24933209	13.910	15.696	
28)	SA Decachlor...	9.088	7.908	50764919	22850547	14.278	18.157	#
	Target Compounds							
2)	A alpha-BHC	4.001	3.266	36961830	17050828	6.382	7.077	
3)	MA gamma-BHC...	4.335	3.596	34234605	15695528	6.539	7.050	
4)	MA Heptachlor	4.943f	0.000	200415	0	0.036	N.D.	#
5)	MB Aldrin	0.000	4.225	0	77252	N.D.	0.035	#
6)	B beta-BHC	4.531	3.893	15795191	7896889	7.536	8.880	
7)	B delta-BHC	0.000	4.116	0	11447	N.D.	0.005	#
8)	B Heptachlo...	5.690	4.714	2767229	29473	0.574	0.015	#
9)	A Endosulfan I	0.000	5.089	0	11197	N.D.	0.006	#
10)	B gamma-Chl...	5.988f	4.993f	3454523	176419	0.710	0.089	#
11)	B alpha-Chl...	6.049f	5.044	677241	34719	0.141	0.017	#
12)	B 4,4'-DDE	6.207	5.226	269356	307280	0.063	0.200	#
13)	MA Dieldrin	6.379f	5.344	263253	25300	0.056	0.013	#
14)	MA Endrin	6.589	5.630	128.0E6	63369623	32.156	35.902	
15)	B Endosulfa...	6.827f	5.941f	1064840	296574	0.287	0.191	#
16)	A 4,4'-DDD	6.725	5.781	1102161	1011311	0.328	0.837	#
17)	MA 4,4'-DDT	7.039	6.029	255.2E6	112.6E6	72.573	93.062	#
18)	B Endrin al...	6.940	6.105	2206944	2321260	0.805	2.031	#
19)	B Endosulfa...	0.000	6.314	0	64509	N.D.	0.042	#
20)	A Methoxychlor	7.515	6.604	342.8E6	144.2E6	179.360	225.873	#
21)	B Endrin ke...	7.661	6.833	5718114	3257432	1.370	1.864	#
23)	Chlordane-1	0.000	3.754	0	35154	N.D.	0.794	#
24)	Chlordane-2	0.000	4.348	0	149133	N.D.	3.069	#
25)	Chlordane-3	0.000	4.993f	0	176419	N.D.	1.257	#
26)	Chlordane-4	6.049	5.044	677241	34719	1.102	0.247	#
27)	Chlordane-5	0.000	5.941	0	296574	N.D.	6.373	#

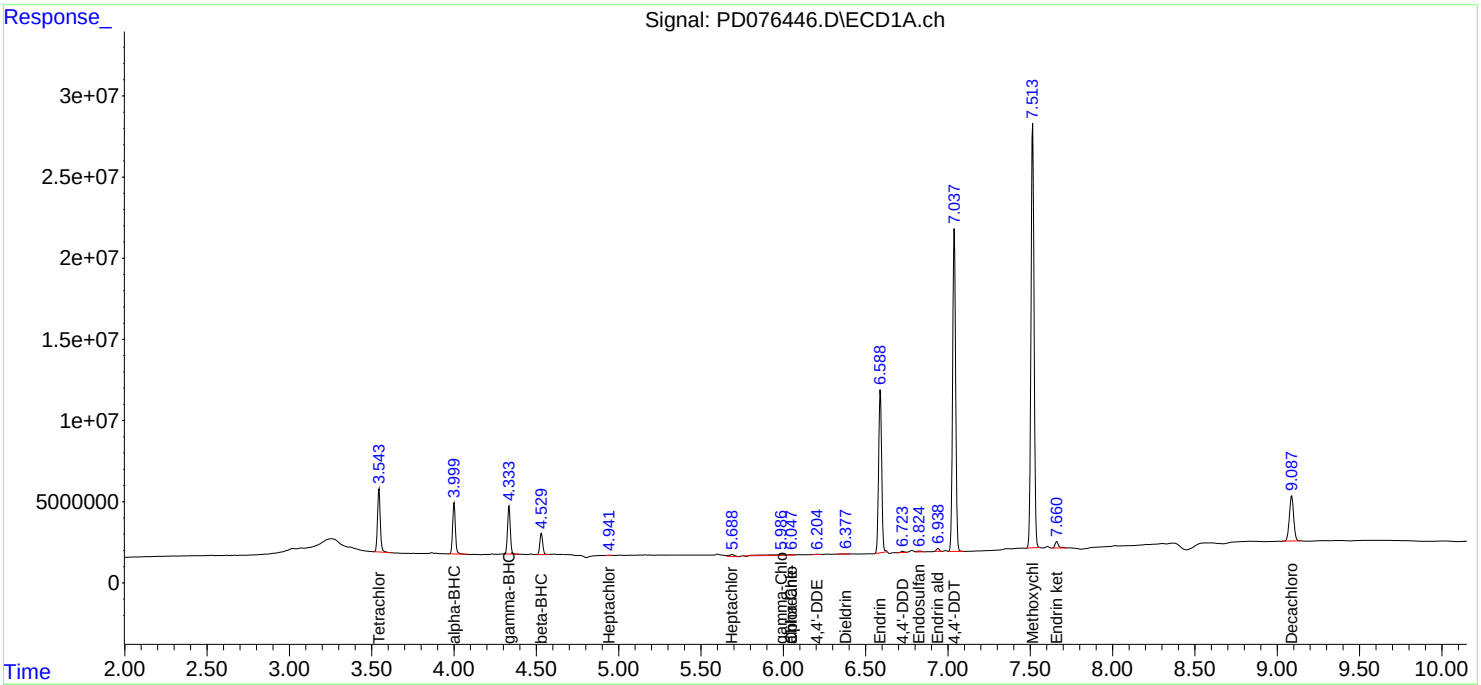
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

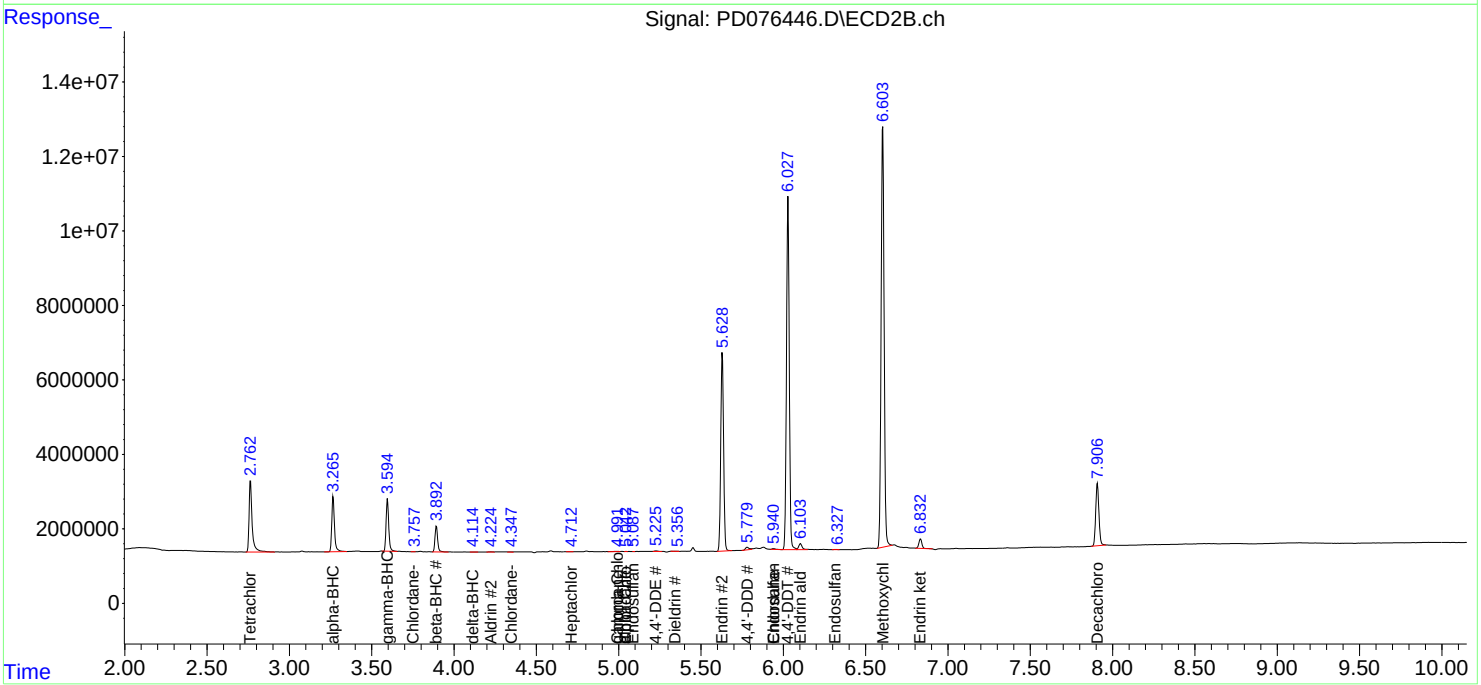
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
Data File : PD076446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2023 12:10
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

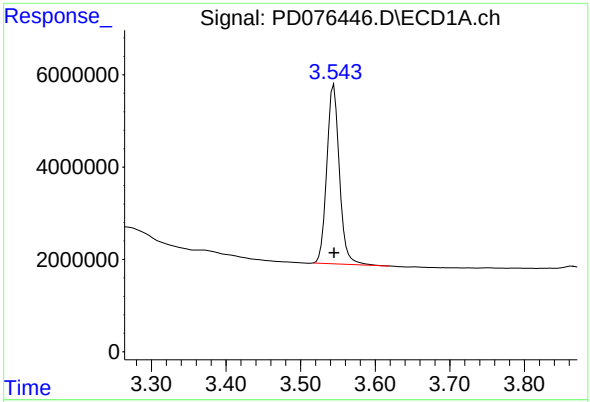
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 22:23:31 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
Quant Title : GC Extractables
QLast Update : Wed Jul 05 05:21:22 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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



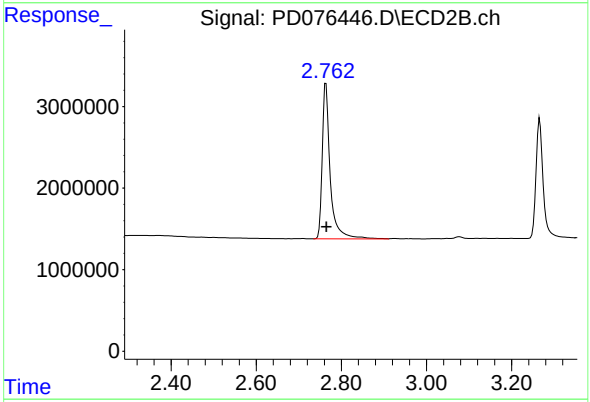




#1 Tetrachloro-m-xylene

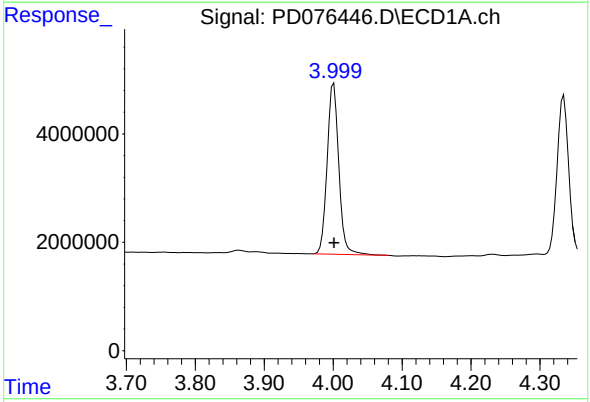
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 45573567
Conc: 13.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



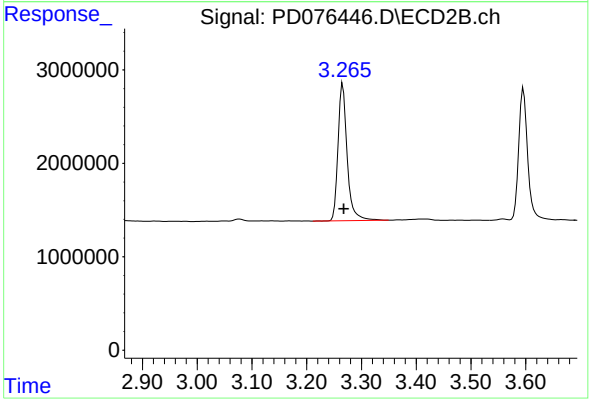
#1 Tetrachloro-m-xylene

R.T.: 2.764 min
Delta R.T.: -0.001 min
Response: 24933209
Conc: 15.70 ng/ml



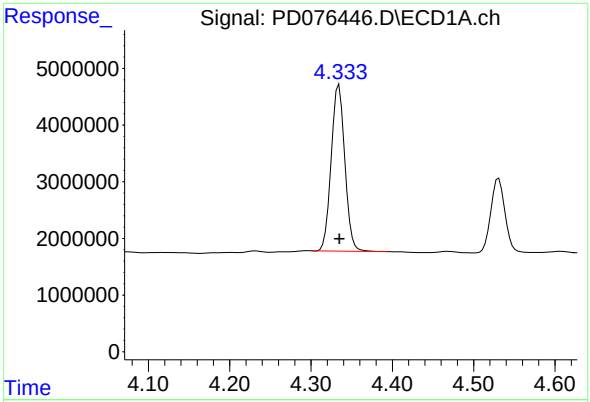
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 36961830
Conc: 6.38 ng/ml



#2 alpha-BHC

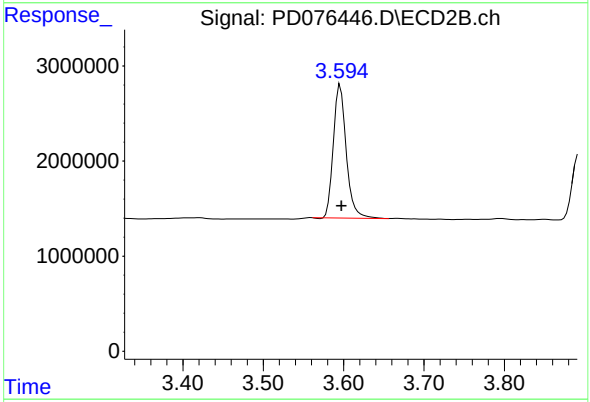
R.T.: 3.266 min
Delta R.T.: -0.002 min
Response: 17050828
Conc: 7.08 ng/ml



#3 gamma-BHC (Lindane)

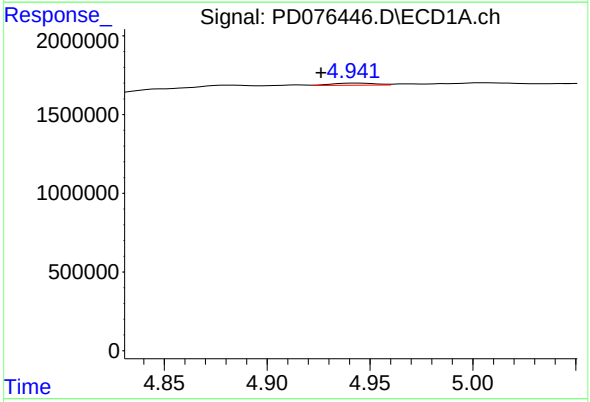
R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 34234605
Conc: 6.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



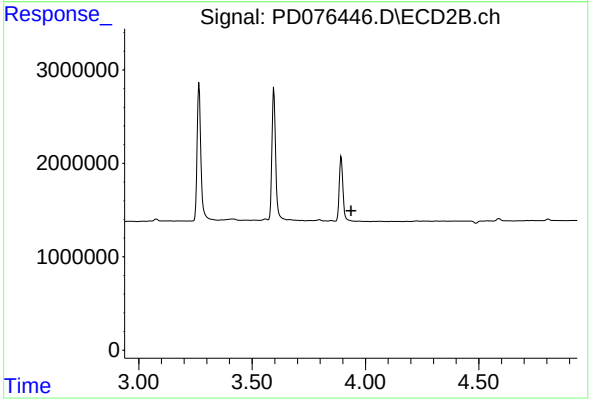
#3 gamma-BHC (Lindane)

R.T.: 3.596 min
Delta R.T.: -0.001 min
Response: 15695528
Conc: 7.05 ng/ml



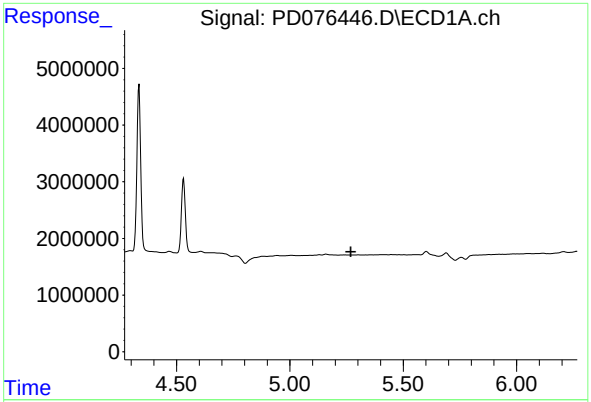
#4 Heptachlor

R.T.: 4.943 min
Delta R.T.: 0.017 min
Response: 200415
Conc: 0.04 ng/ml



#4 Heptachlor

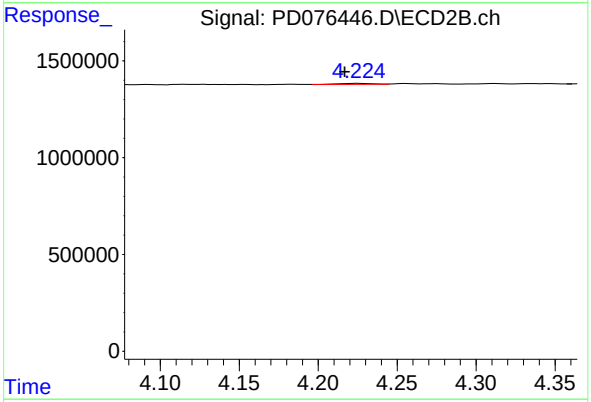
R.T.: 0.000 min
Exp R.T. : 3.937 min
Response: 0
Conc: N.D.



#5 Aldrin

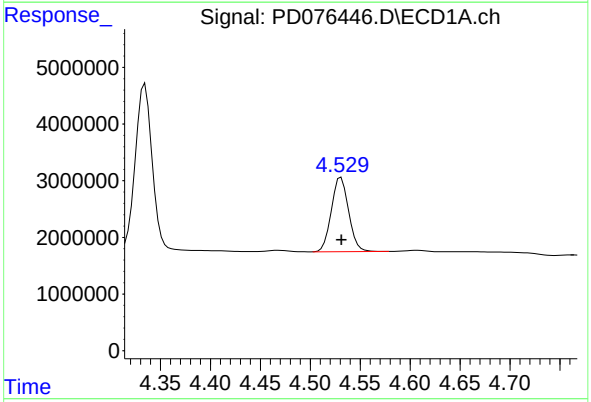
R.T.: 0.000 min
Exp R.T. : 5.269 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



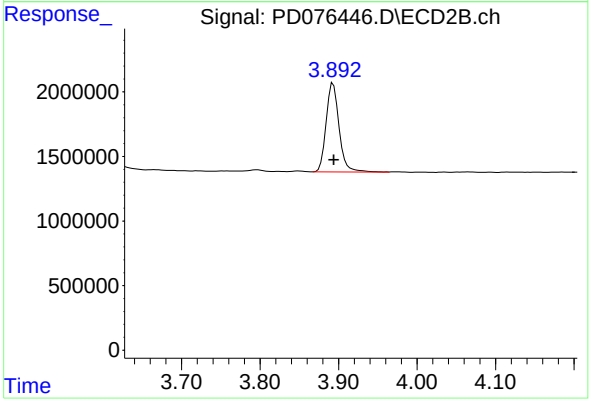
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: 0.008 min
Response: 77252
Conc: 0.03 ng/ml



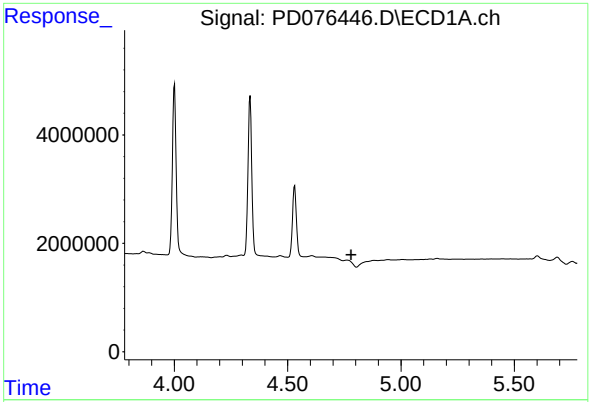
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 15795191
Conc: 7.54 ng/ml



#6 beta-BHC

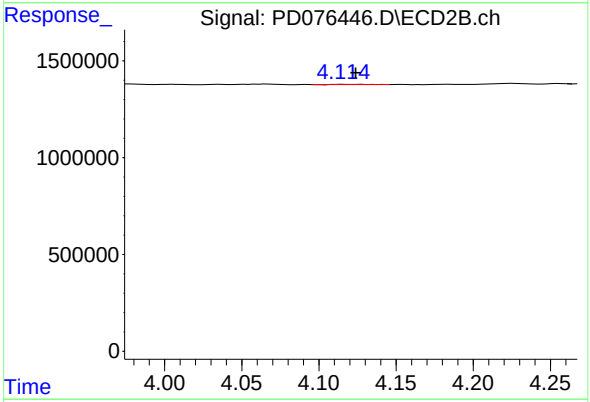
R.T.: 3.893 min
Delta R.T.: 0.000 min
Response: 7896889
Conc: 8.88 ng/ml



#7 delta-BHC

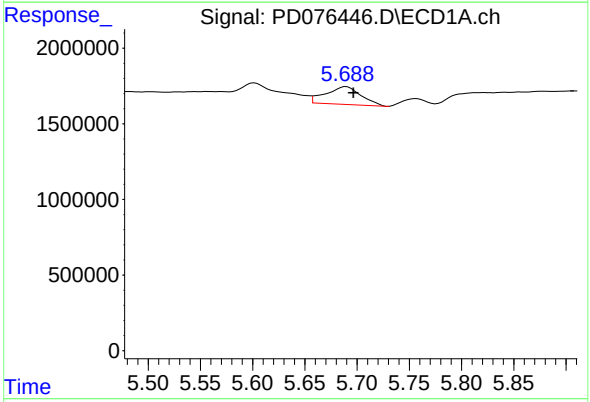
R.T.: 0.000 min
Exp R.T. : 4.780 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



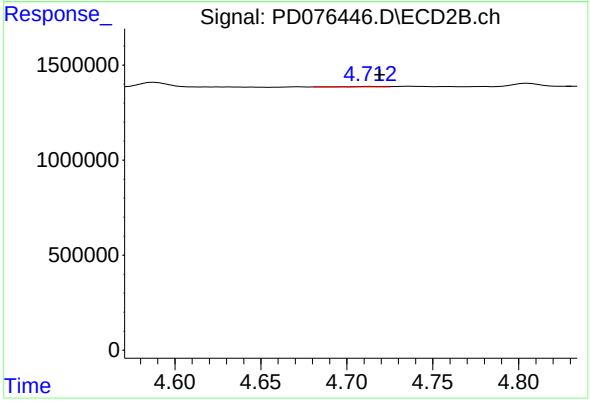
#7 delta-BHC

R.T.: 4.116 min
Delta R.T.: -0.008 min
Response: 11447
Conc: 0.01 ng/ml



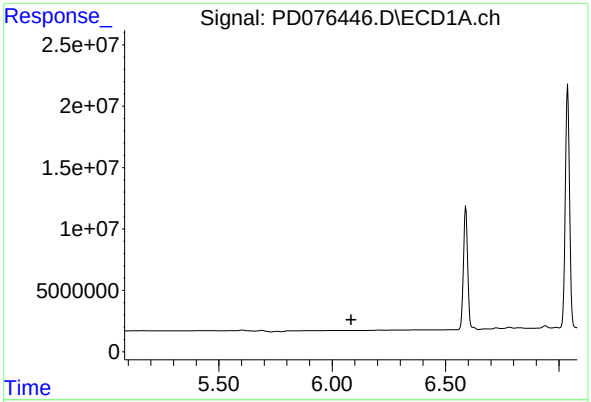
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.007 min
Response: 2767229
Conc: 0.57 ng/ml



#8 Heptachlor epoxide

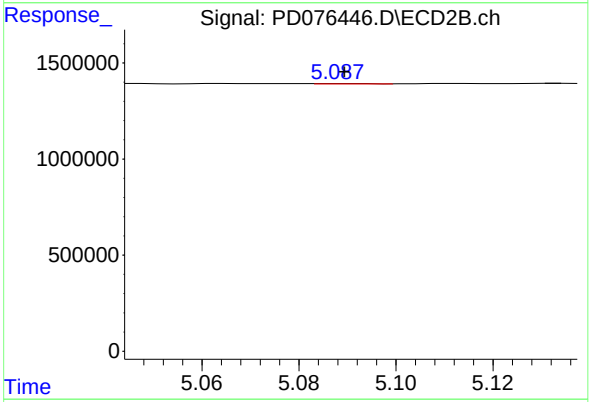
R.T.: 4.714 min
Delta R.T.: -0.005 min
Response: 29473
Conc: 0.01 ng/ml



#9 Endosulfan I

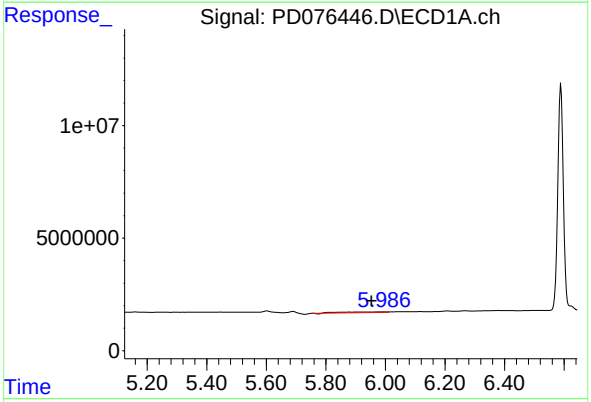
R.T.: 0.000 min
Exp R.T. : 6.083 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



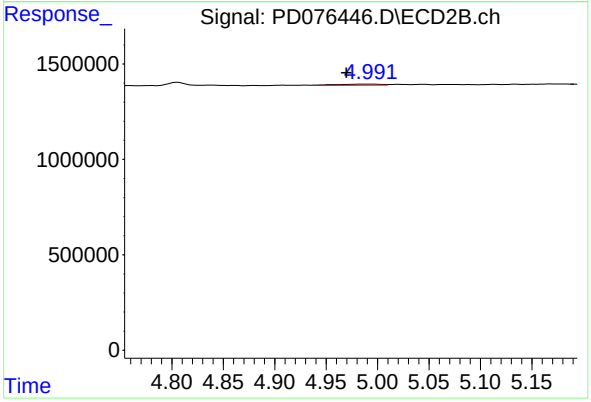
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 11197
Conc: 0.01 ng/ml



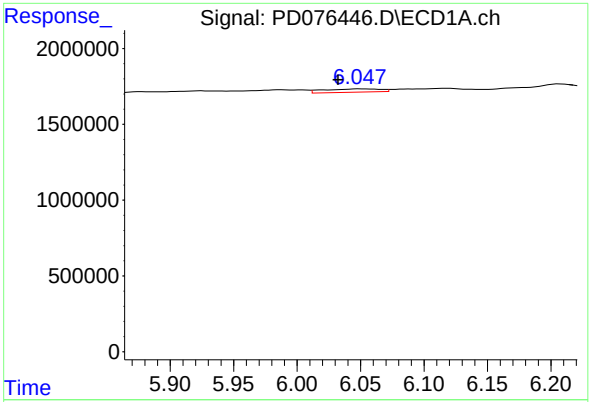
#10 gamma-Chlordane

R.T.: 5.988 min
Delta R.T.: 0.035 min
Response: 3454523
Conc: 0.71 ng/ml



#10 gamma-Chlordane

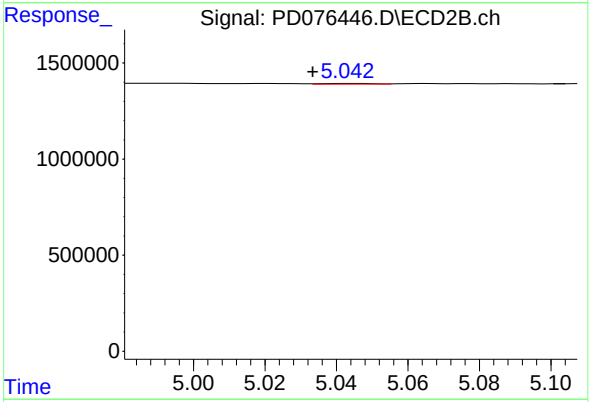
R.T.: 4.993 min
Delta R.T.: 0.023 min
Response: 176419
Conc: 0.09 ng/ml



#11 alpha-Chlordane

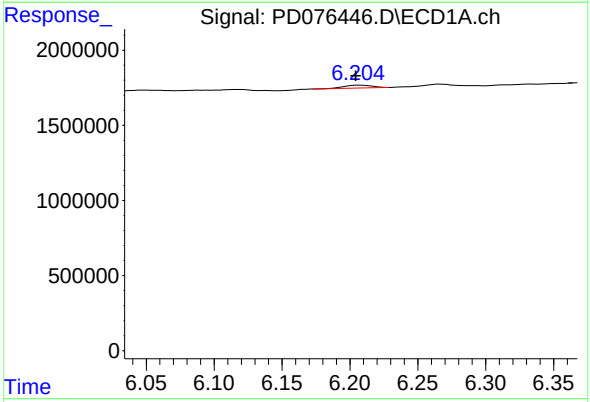
R.T.: 6.049 min
Delta R.T.: 0.016 min
Response: 677241
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



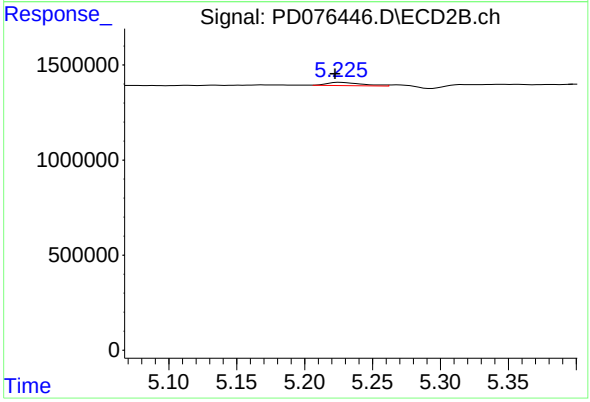
#11 alpha-Chlordane

R.T.: 5.044 min
Delta R.T.: 0.011 min
Response: 34719
Conc: 0.02 ng/ml



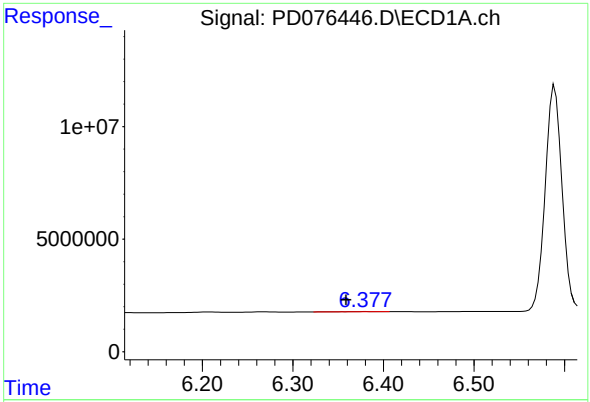
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: 0.002 min
Response: 269356
Conc: 0.06 ng/ml



#12 4,4'-DDE

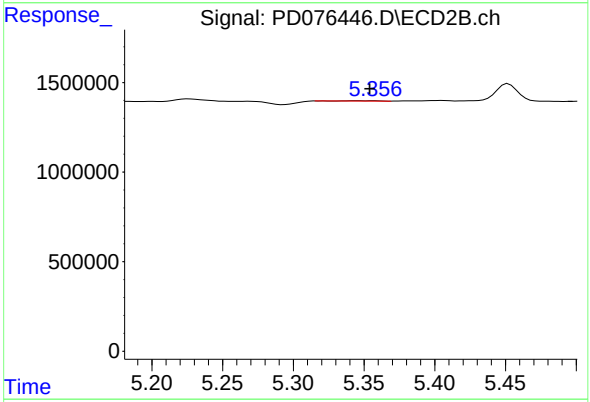
R.T.: 5.226 min
Delta R.T.: 0.004 min
Response: 307280
Conc: 0.20 ng/ml



#13 Dieldrin

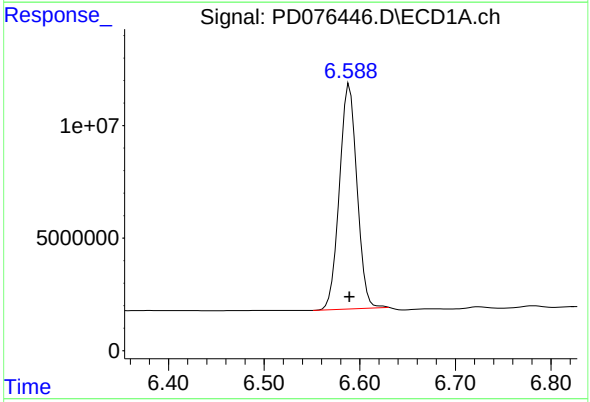
R.T.: 6.379 min
Delta R.T.: 0.021 min
Response: 263253
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



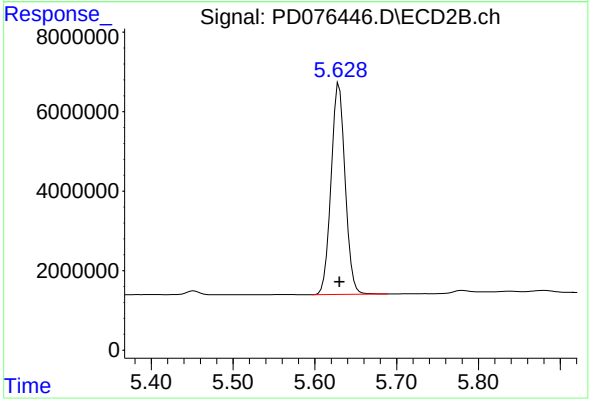
#13 Dieldrin

R.T.: 5.344 min
Delta R.T.: -0.010 min
Response: 25300
Conc: 0.01 ng/ml



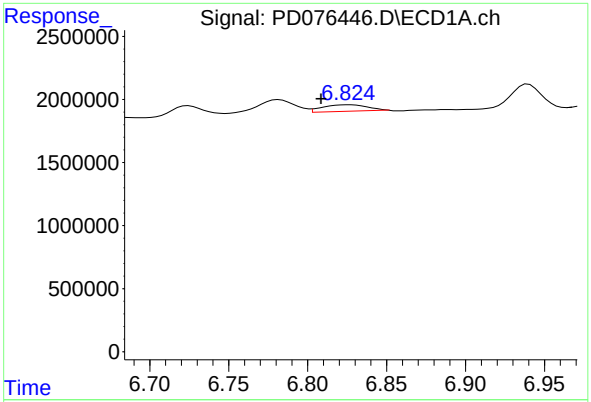
#14 Endrin

R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 128025917
Conc: 32.16 ng/ml



#14 Endrin

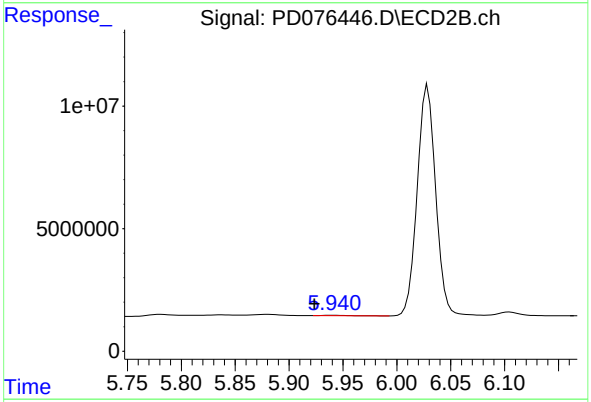
R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 63369623
Conc: 35.90 ng/ml



#15 Endosulfan II

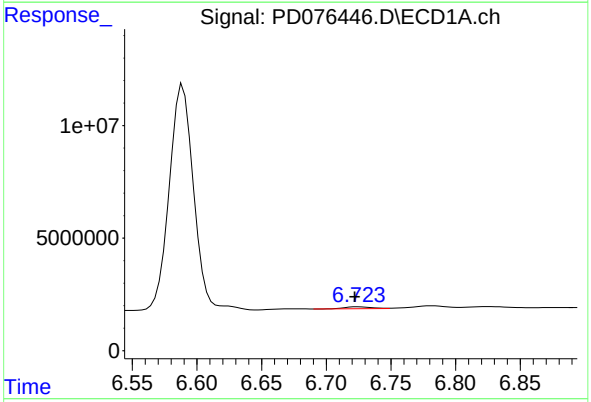
R.T.: 6.827 min
Delta R.T.: 0.018 min
Response: 1064840
Conc: 0.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



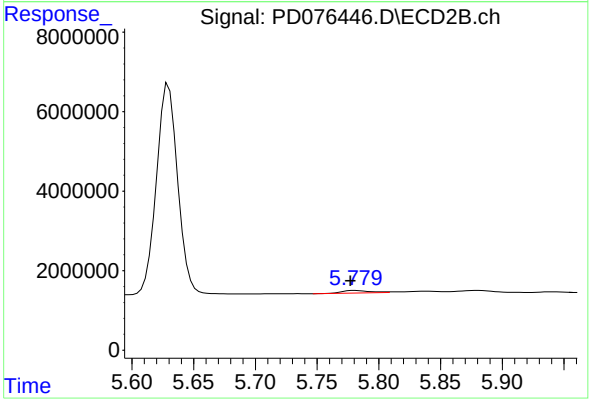
#15 Endosulfan II

R.T.: 5.941 min
Delta R.T.: 0.017 min
Response: 296574
Conc: 0.19 ng/ml



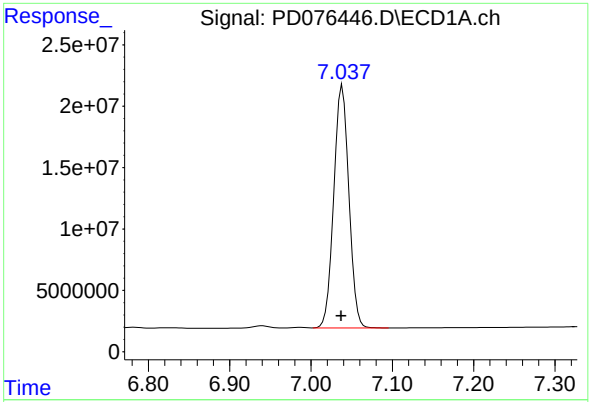
#16 4,4'-DDD

R.T.: 6.725 min
Delta R.T.: 0.003 min
Response: 1102161
Conc: 0.33 ng/ml



#16 4,4'-DDD

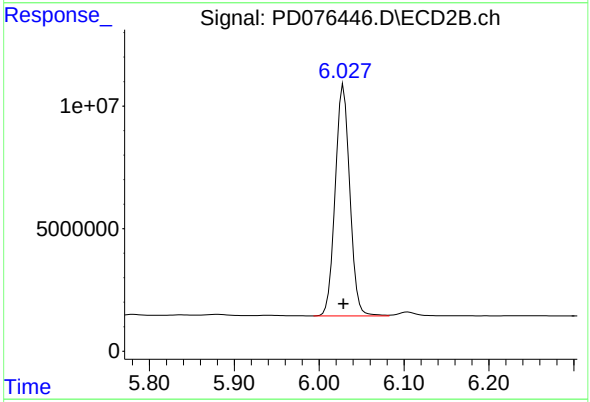
R.T.: 5.781 min
Delta R.T.: 0.004 min
Response: 1011311
Conc: 0.84 ng/ml



#17 4,4'-DDT

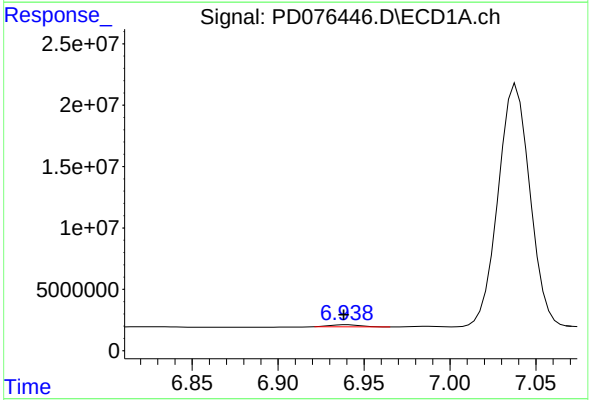
R.T.: 7.039 min
Delta R.T.: 0.002 min
Response: 255167642
Conc: 72.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



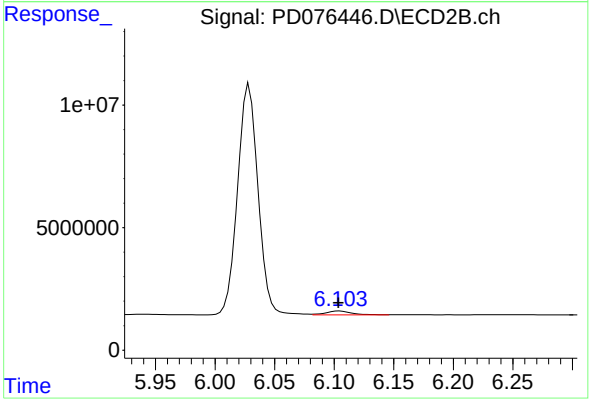
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 112631831
Conc: 93.06 ng/ml



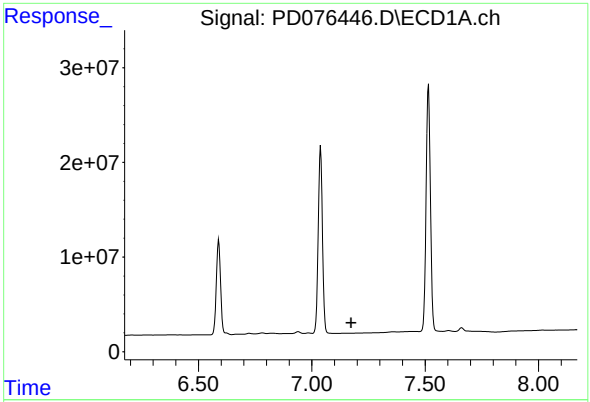
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: 0.001 min
Response: 2206944
Conc: 0.81 ng/ml



#18 Endrin aldehyde

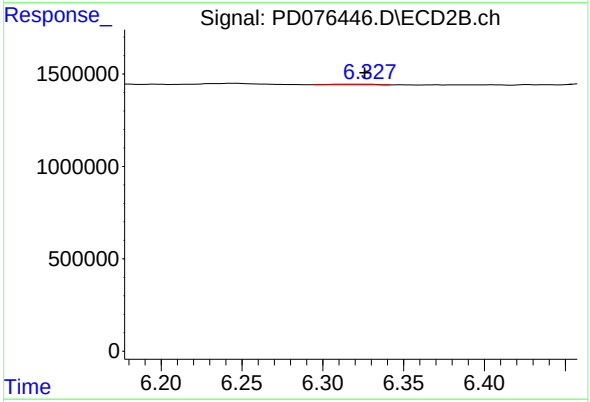
R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 2321260
Conc: 2.03 ng/ml



#19 Endosulfan Sulfate

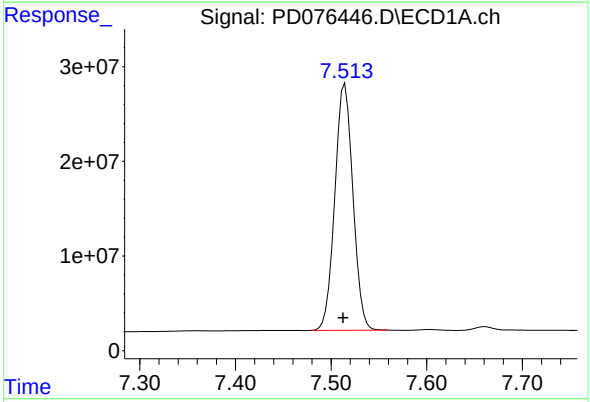
R.T.: 0.000 min
Exp R.T. : 7.173 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



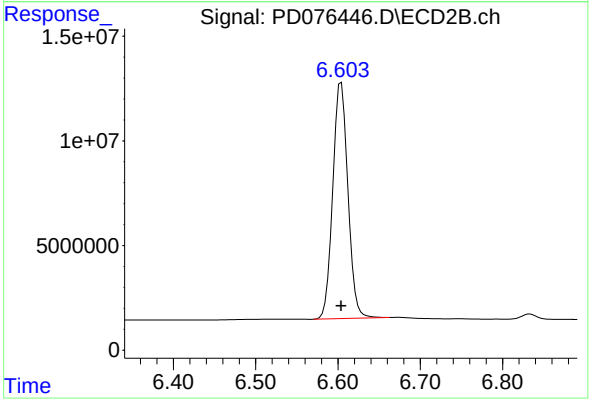
#19 Endosulfan Sulfate

R.T.: 6.314 min
Delta R.T.: -0.012 min
Response: 64509
Conc: 0.04 ng/ml



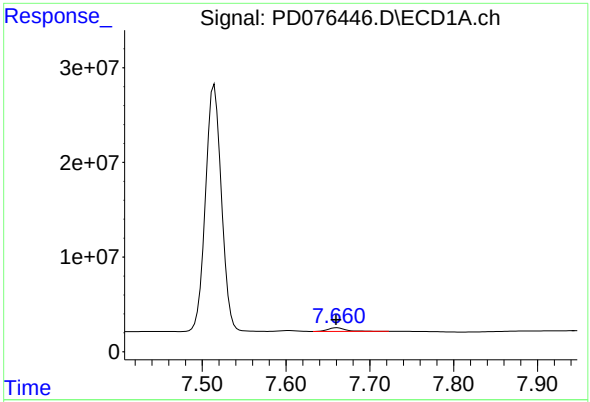
#20 Methoxychlor

R.T.: 7.515 min
Delta R.T.: 0.002 min
Response: 342805057
Conc: 179.36 ng/ml



#20 Methoxychlor

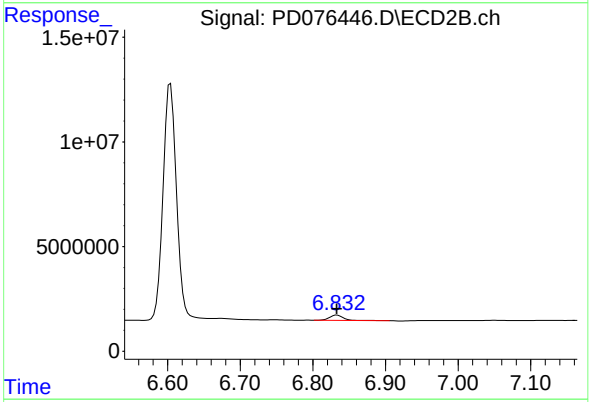
R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 144244269
Conc: 225.87 ng/ml



#21 Endrin ketone

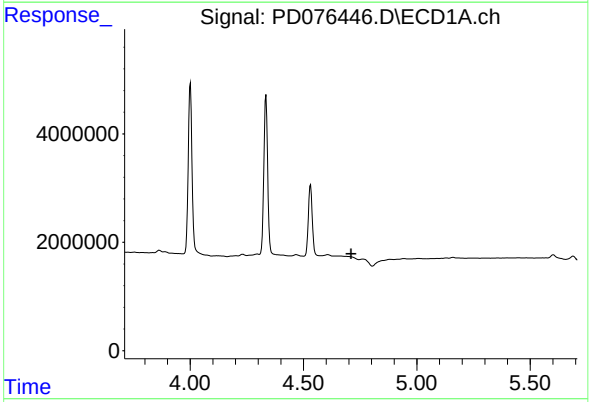
R.T.: 7.661 min
Delta R.T.: 0.001 min
Response: 5718114
Conc: 1.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



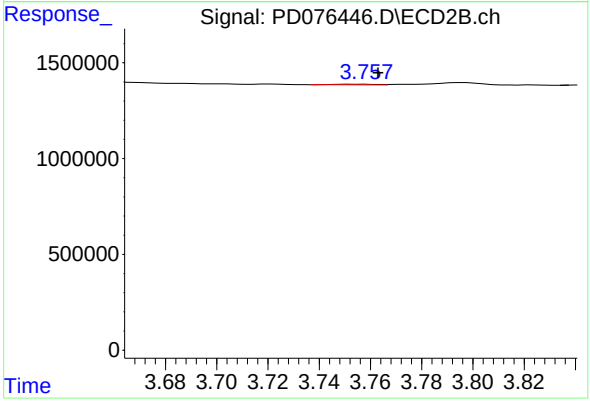
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 3257432
Conc: 1.86 ng/ml



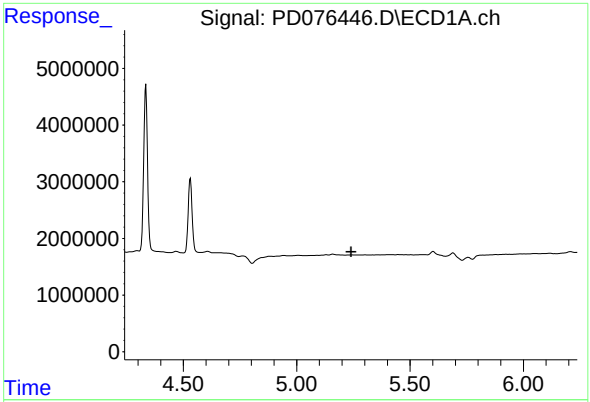
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#23 Chlordane-1

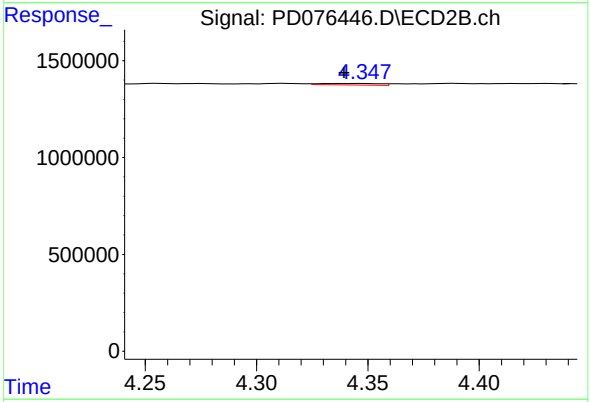
R.T.: 3.754 min
Delta R.T.: -0.009 min
Response: 35154
Conc: 0.79 ng/ml



#24 Chlordane-2

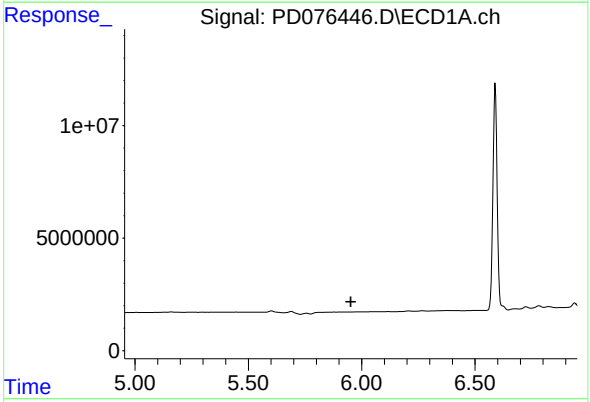
R.T.: 0.000 min
Exp R.T. : 5.240 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



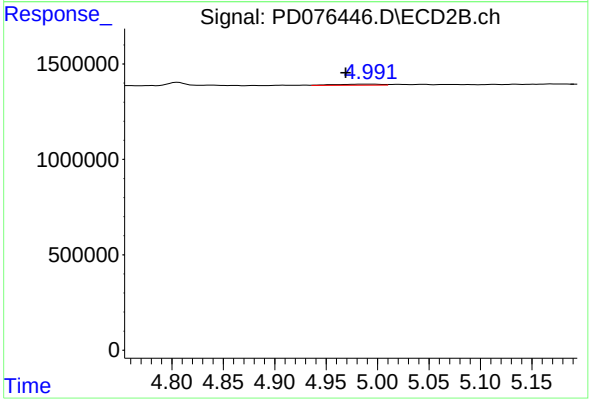
#24 Chlordane-2

R.T.: 4.348 min
Delta R.T.: 0.008 min
Response: 149133
Conc: 3.07 ng/ml



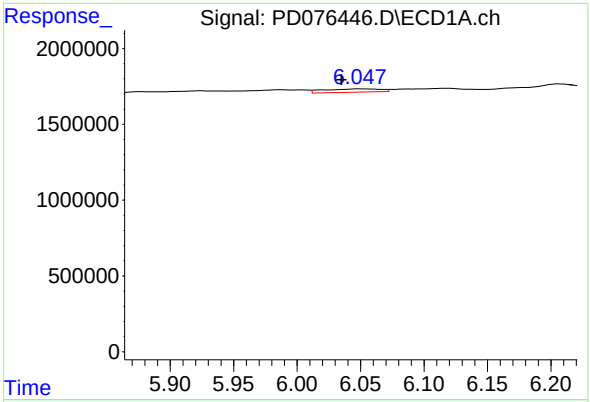
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 5.952 min
Response: 0
Conc: N.D.



#25 Chlordane-3

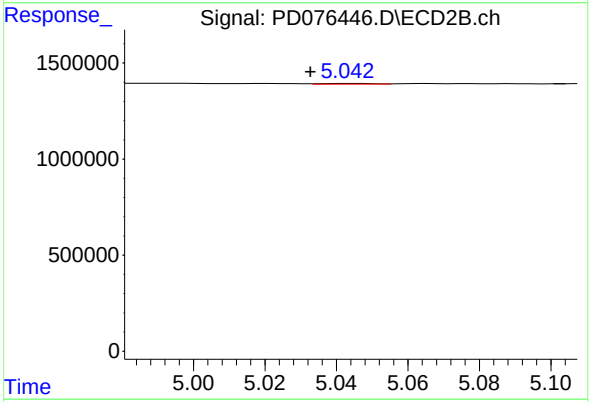
R.T.: 4.993 min
Delta R.T.: 0.024 min
Response: 176419
Conc: 1.26 ng/ml



#26 Chlordane-4

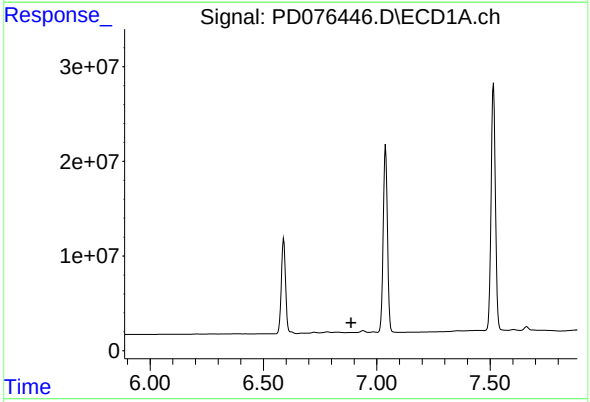
R.T.: 6.049 min
Delta R.T.: 0.014 min
Response: 677241
Conc: 1.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



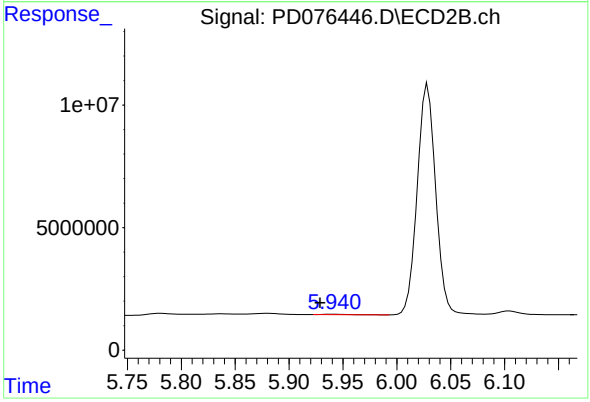
#26 Chlordane-4

R.T.: 5.044 min
Delta R.T.: 0.011 min
Response: 34719
Conc: 0.25 ng/ml



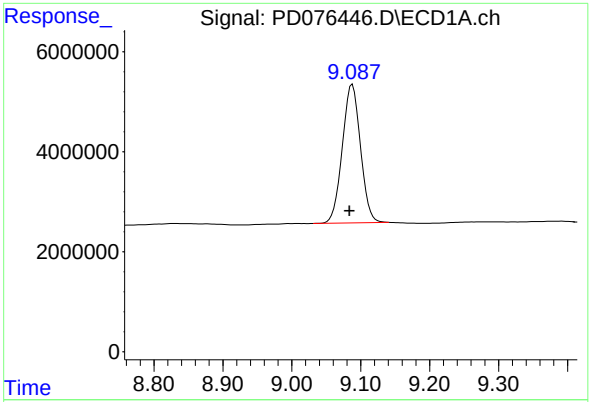
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.886 min
Response: 0
Conc: N.D.



#27 Chlordane-5

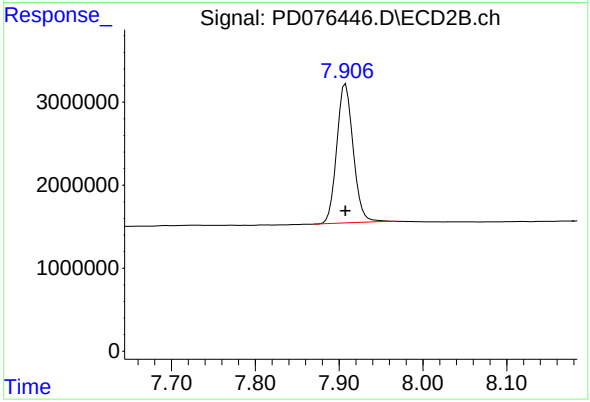
R.T.: 5.941 min
Delta R.T.: 0.012 min
Response: 296574
Conc: 6.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.088 min
Delta R.T.: 0.005 min
Response: 50764919
Conc: 14.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: 0.000 min
Response: 22850547
Conc: 18.16 ng/ml