Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012119\
Data File : PD051129.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 21 Jan 2019 9:08
Operator : AJ\SJ
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: Jan 22 02:41:32 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012119.M
Quant Title : GC Extractables
QLast Update : Tue Jan 22 02:36:55 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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 x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
		System Monitoring Compounds							
1)	SA	Tetrachlo...	3.225	4.045	41691322	637.6E6	23.317	21.650	
28)	SA	Decachlor...	7.829	9.160	32169813	317.8E6	20.412	17.861	
		Target Compounds							
2)	A	alpha-BHC	3.646	4.437	34574820	518.0E6	11.741	11.683	
3)	MA	gamma-BHC...	3.914	4.724	34100201	473.2E6	12.215	11.821	
4)	MA	Heptachlor	4.203	5.247	123873	11934299	0.043	0.307	#
5)	MB	Aldrin	4.376f	0.000	80473	0	0.029	N.D.	#
6)	B	beta-BHC	4.160	4.894	13051635	206.4E6	11.804	11.927	
7)	B	delta-BHC	4.349	5.112	735529	-3915034	0.301	N.D.	#
8)	B	Heptachlo...	4.833	0.000	511510	0	0.189	N.D.	#
9)	A	Endosulfan I	5.186	0.000	333781	0	0.128	N.D.	#
10)	B	gamma-Chl...	5.088	6.130f	831670	116.4E6	0.287	3.415	#
11)	B	alpha-Chl...	5.088f	0.000	831670	0	0.296	N.D.	#
12)	B	4,4'-DDE	5.298	0.000	1605271	0	0.574	N.D.	#
14)	MA	Endrin	5.657	6.769	130.0E6	1103.8E6	46.677	41.122	
15)	B	Endosulfa...	0.000	6.989	0	17514735	N.D.	0.648	#
16)	A	4,4'-DDD	5.797	6.889	4813101	55787387	1.956	2.103	
17)	MA	4,4'-DDT	6.029	7.190	247.1E6	1977.5E6	100.038	87.868	
18)	B	Endrin al...	6.094	7.101	6789394	55854359	3.208	2.661	
19)	B	Endosulfa...	6.233f	0.000	397990	0	0.169	N.D.	#
20)	A	Methoxychlor	6.575	7.648	284.4E6	2230.8E6	228.549	209.470	
21)	B	Endrin ke...	6.776	7.799	9945423	55663827	3.708	2.433	#
23)		Chlordane-1	4.092	5.063	2337263	11056564	24.500	6.822	#
24)		Chlordane-2	4.539	0.000	236612	0	2.427	N.D.	#
25)		Chlordane-3	5.088	6.130	831670	116.4E6	2.600	24.978	#
26)		Chlordane-4	5.088	0.000	831670	0	2.692	N.D.	#
27)		Chlordane-5	0.000	7.101	0	55854359	N.D.	55.467	#

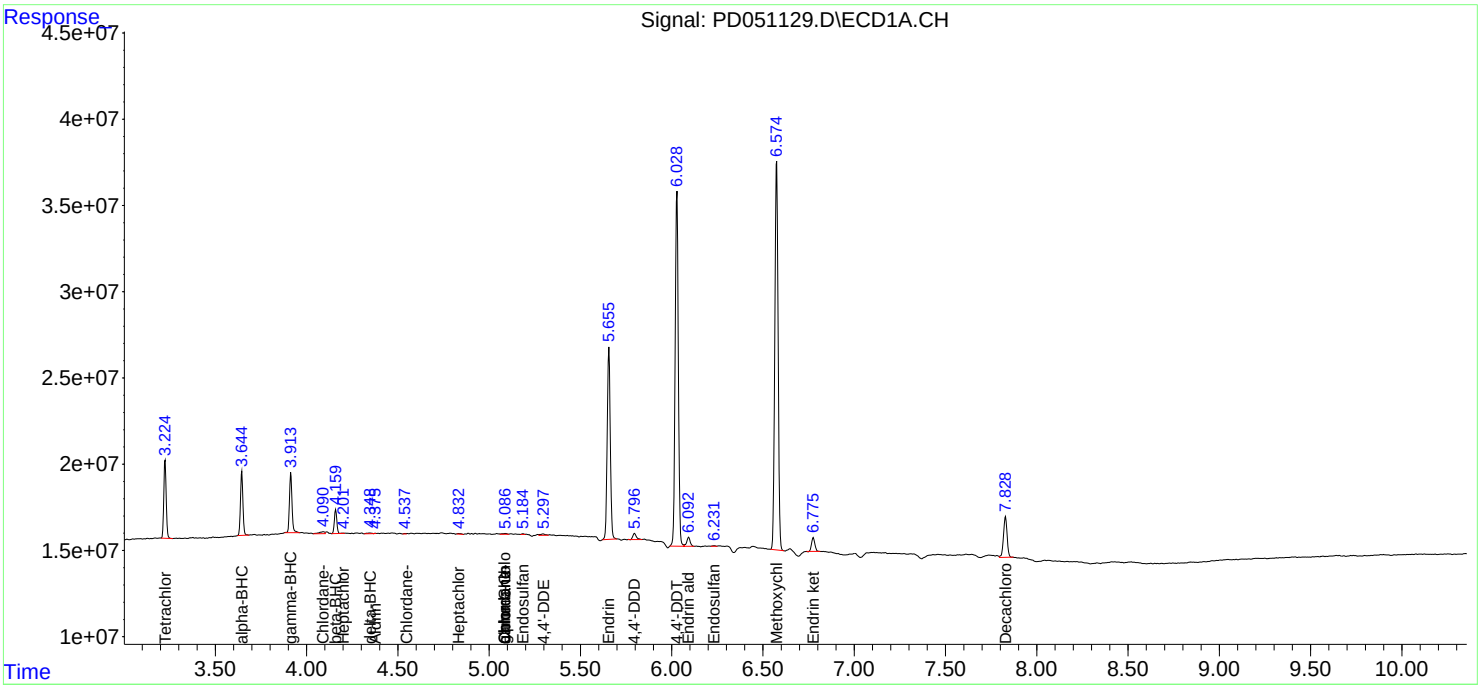
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

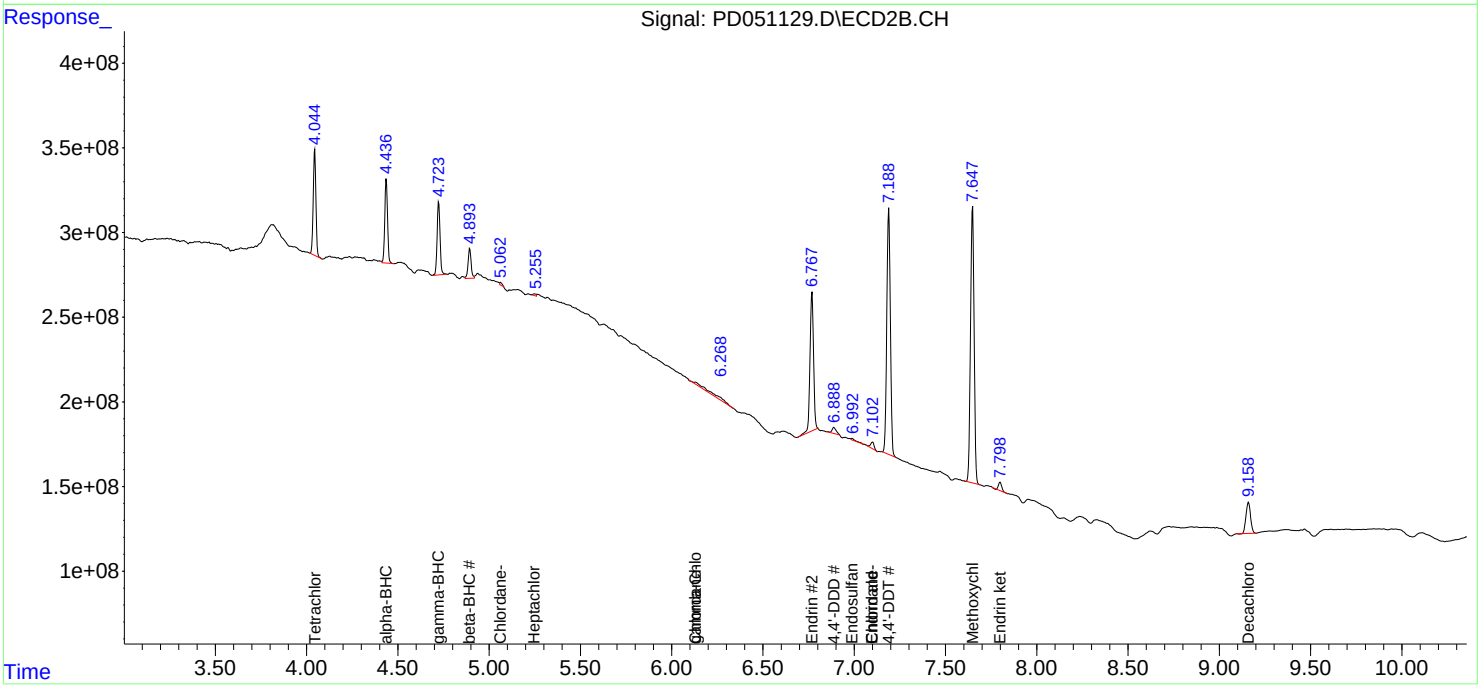
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012119\
Data File : PD051129.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 21 Jan 2019 9:08
Operator : AJ\SJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

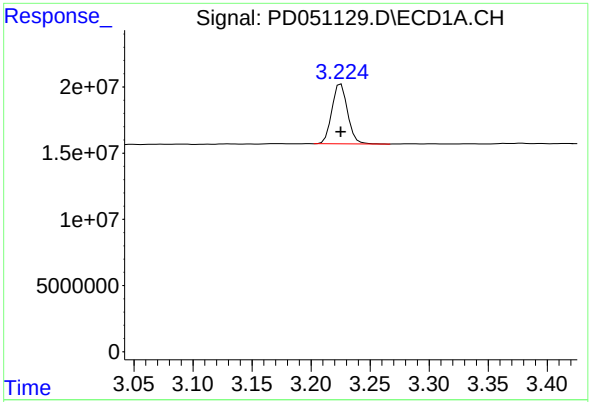
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 02:41:32 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012119.M
Quant Title : GC Extractables
QLast Update : Tue Jan 22 02:36:55 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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 x 0.50µm



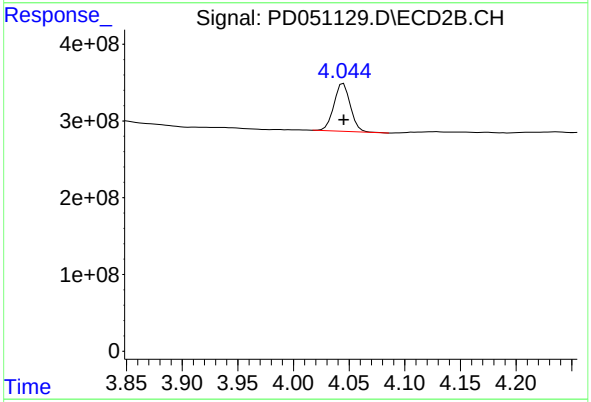




#1 Tetrachloro-m-xylene

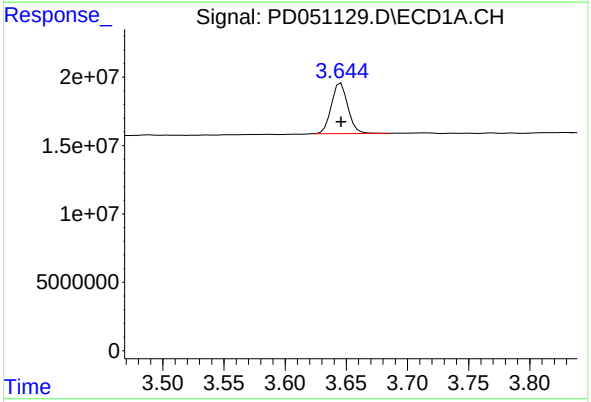
R.T.: 3.225 min
Delta R.T.: 0.000 min
Response: 41691322
Conc: 23.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



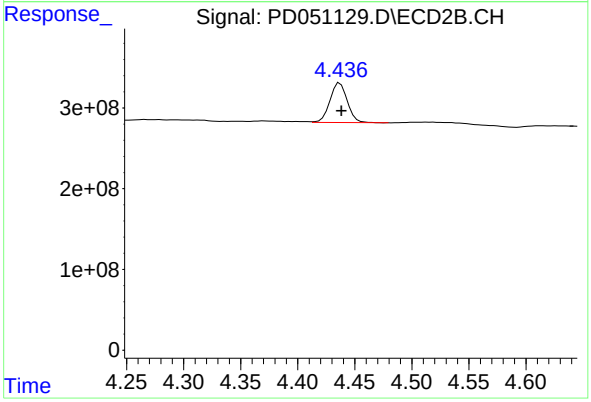
#1 Tetrachloro-m-xylene

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 637638104
Conc: 21.65 ng/ml



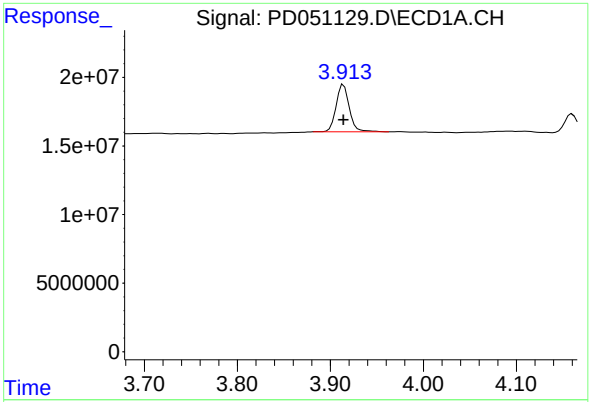
#2 alpha-BHC

R.T.: 3.646 min
Delta R.T.: 0.000 min
Response: 34574820
Conc: 11.74 ng/ml



#2 alpha-BHC

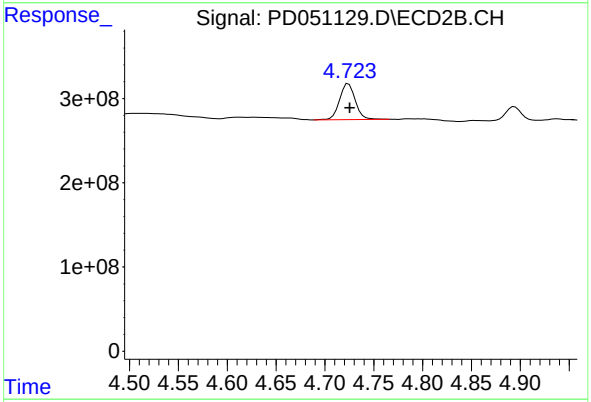
R.T.: 4.437 min
Delta R.T.: -0.001 min
Response: 518047867
Conc: 11.68 ng/ml



#3 gamma-BHC (Lindane)

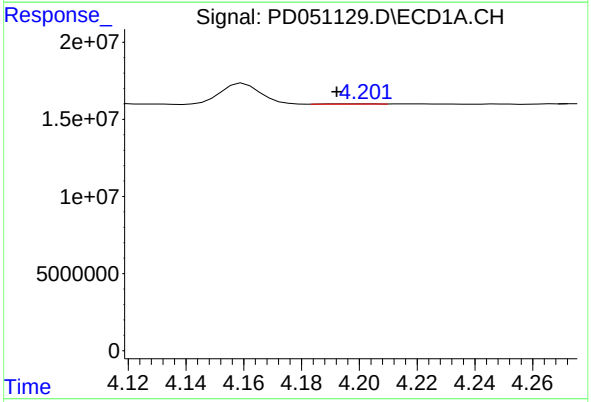
R.T.: 3.914 min
Delta R.T.: 0.000 min
Response: 34100201
Conc: 12.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



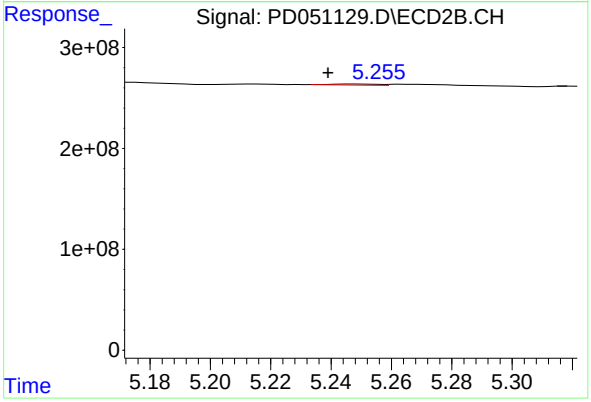
#3 gamma-BHC (Lindane)

R.T.: 4.724 min
Delta R.T.: -0.001 min
Response: 473178209
Conc: 11.82 ng/ml



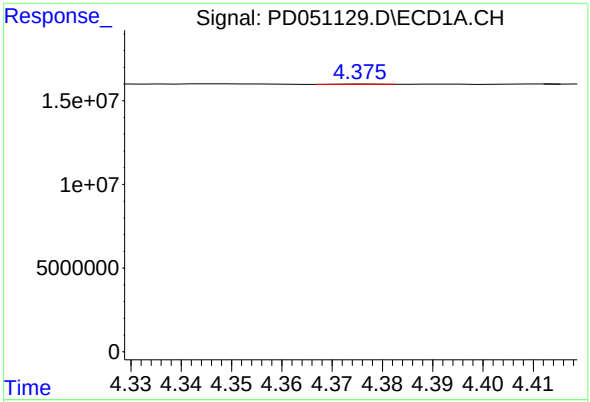
#4 Heptachlor

R.T.: 4.203 min
Delta R.T.: 0.010 min
Response: 123873
Conc: 0.04 ng/ml



#4 Heptachlor

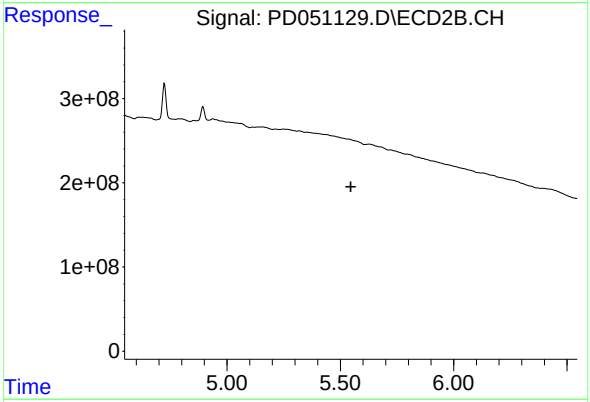
R.T.: 5.247 min
Delta R.T.: 0.008 min
Response: 11934299
Conc: 0.31 ng/ml



#5 Aldrin

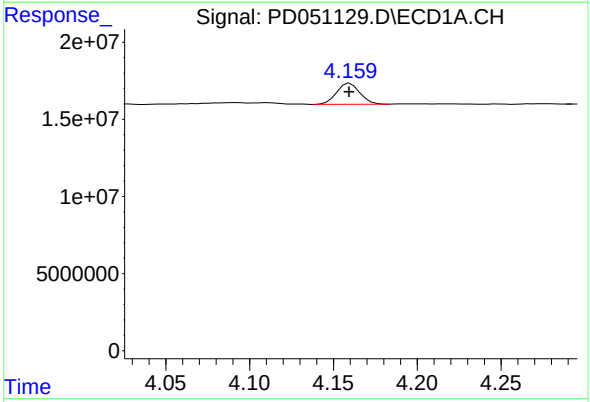
R.T.: 4.376 min
Delta R.T.: -0.048 min
Response: 80473
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



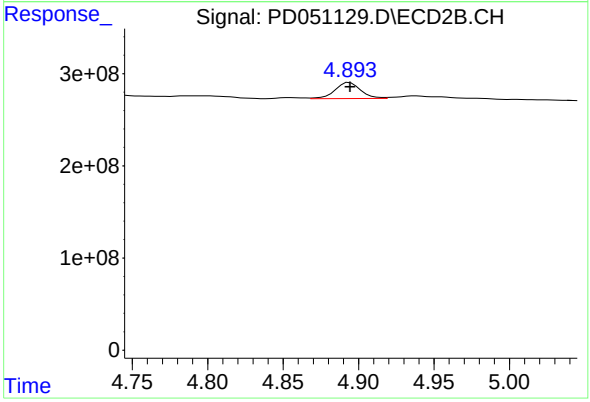
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.546 min
Response: 0
Conc: N.D.



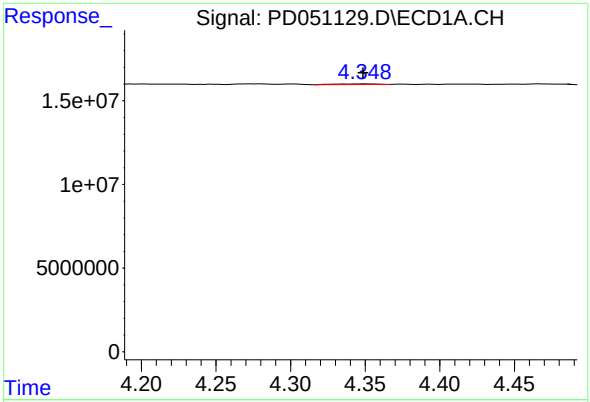
#6 beta-BHC

R.T.: 4.160 min
Delta R.T.: 0.000 min
Response: 13051635
Conc: 11.80 ng/ml



#6 beta-BHC

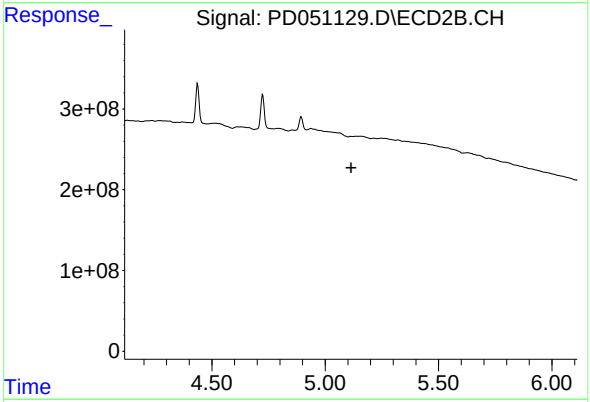
R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 206423731
Conc: 11.93 ng/ml



#7 delta-BHC

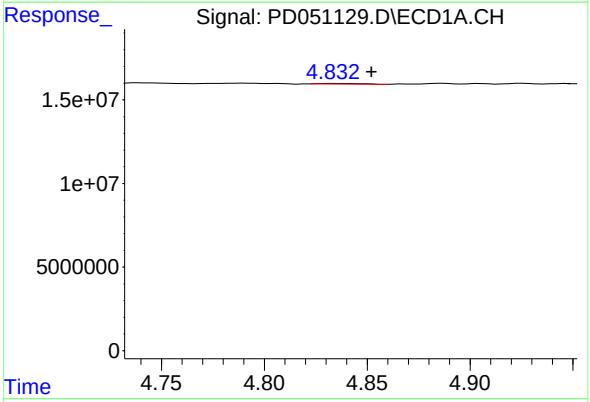
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 735529
Conc: 0.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



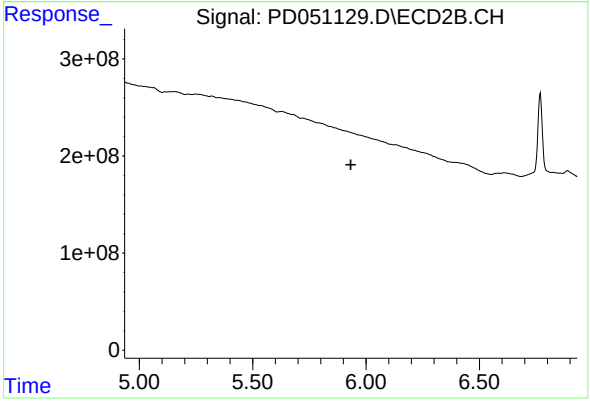
#7 delta-BHC

R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: -3915034
Conc: N.D.



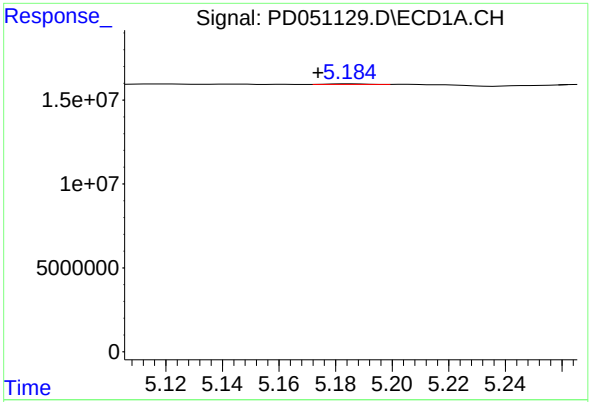
#8 Heptachlor epoxide

R.T.: 4.833 min
Delta R.T.: -0.019 min
Response: 511510
Conc: 0.19 ng/ml



#8 Heptachlor epoxide

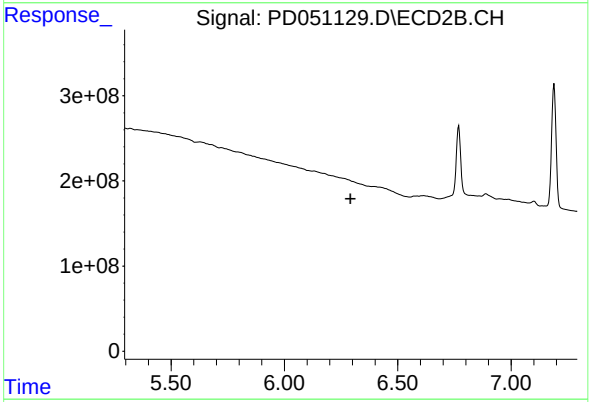
R.T.: 0.000 min
Exp R.T. : 5.934 min
Response: 0
Conc: N.D.



#9 Endosulfan I

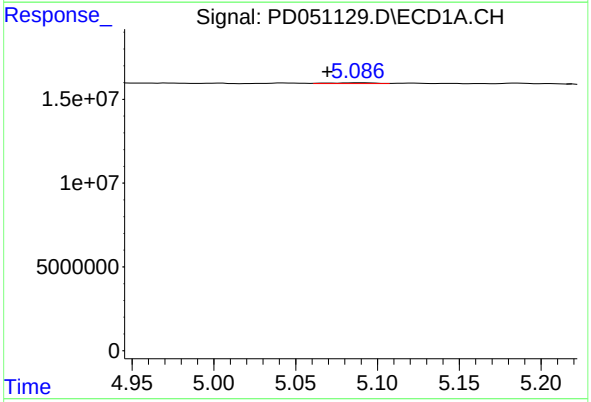
R.T.: 5.186 min
Delta R.T.: 0.012 min
Response: 333781
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



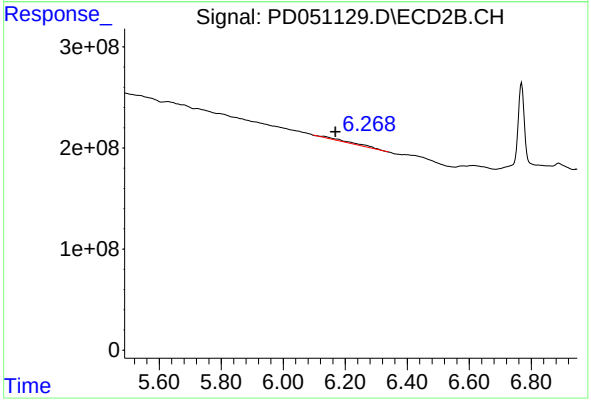
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.292 min
Response: 0
Conc: N.D.



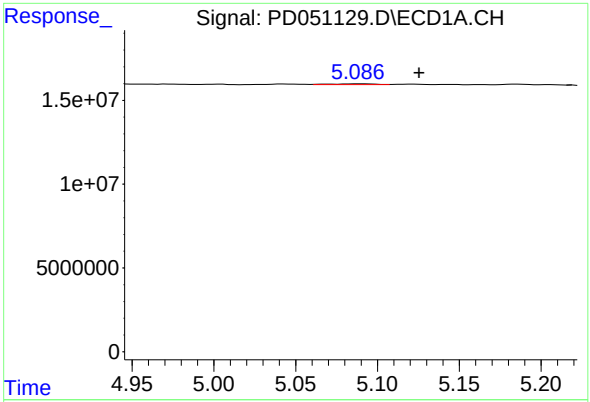
#10 gamma-Chlordane

R.T.: 5.088 min
Delta R.T.: 0.018 min
Response: 831670
Conc: 0.29 ng/ml



#10 gamma-Chlordane

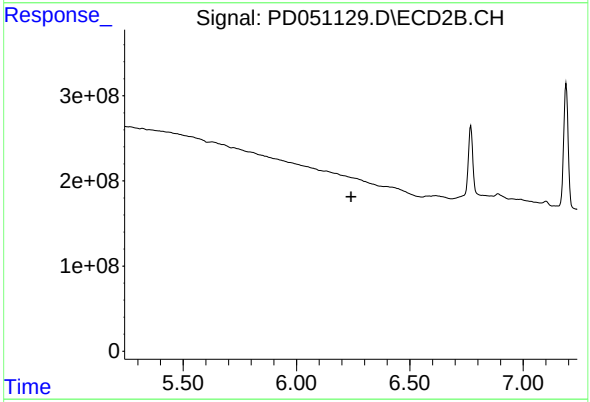
R.T.: 6.130 min
Delta R.T.: -0.038 min
Response: 116431547
Conc: 3.42 ng/ml



#11 alpha-Chlordane

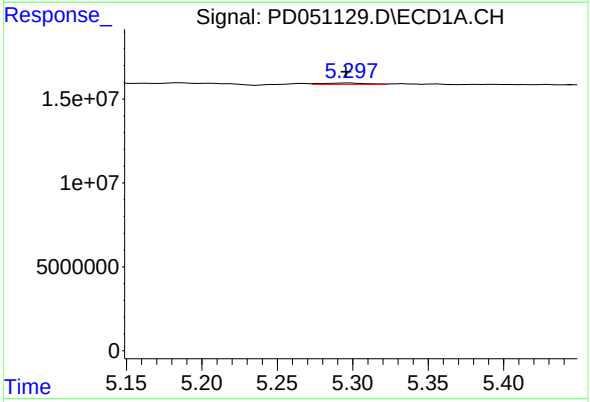
R.T.: 5.088 min
Delta R.T.: -0.038 min
Response: 831670
Conc: 0.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



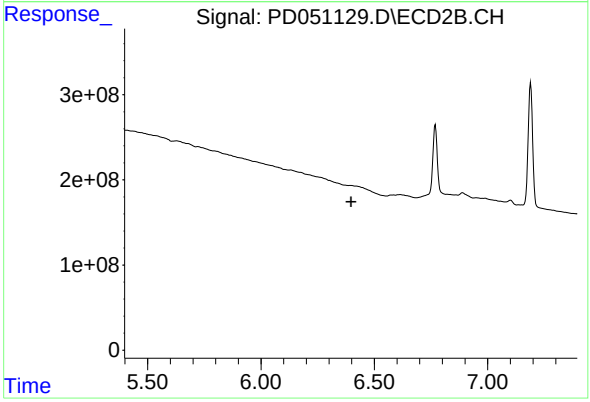
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 6.242 min
Response: 0
Conc: N.D.



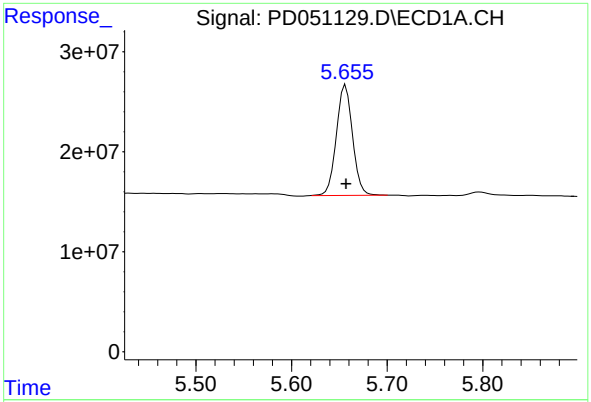
#12 4,4'-DDE

R.T.: 5.298 min
Delta R.T.: 0.002 min
Response: 1605271
Conc: 0.57 ng/ml



#12 4,4'-DDE

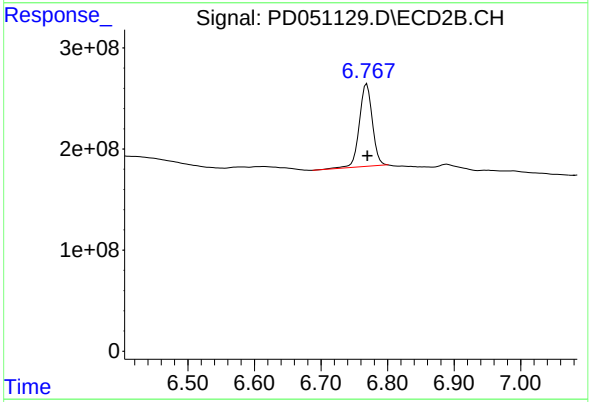
R.T.: 0.000 min
Exp R.T. : 6.398 min
Response: 0
Conc: N.D.



#14 Endrin

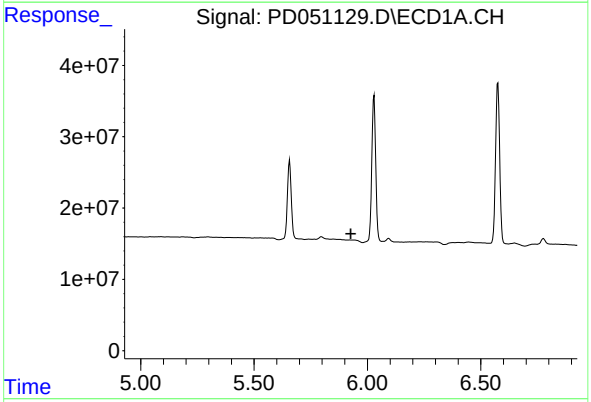
R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 129964834
Conc: 46.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



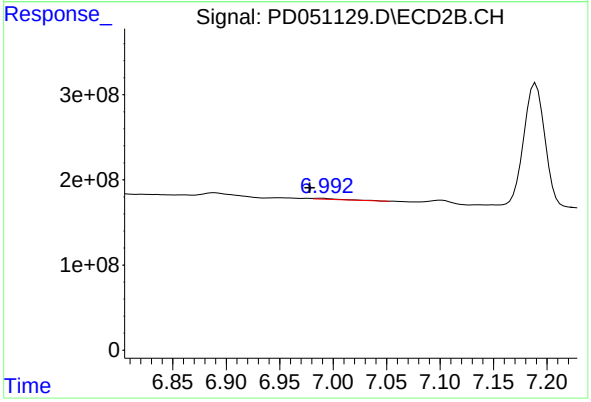
#14 Endrin

R.T.: 6.769 min
Delta R.T.: -0.001 min
Response: 1103834075
Conc: 41.12 ng/ml



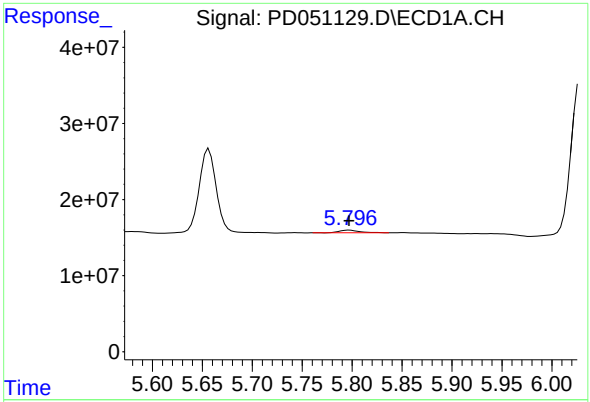
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 5.926 min
Response: 0
Conc: N.D.



#15 Endosulfan II

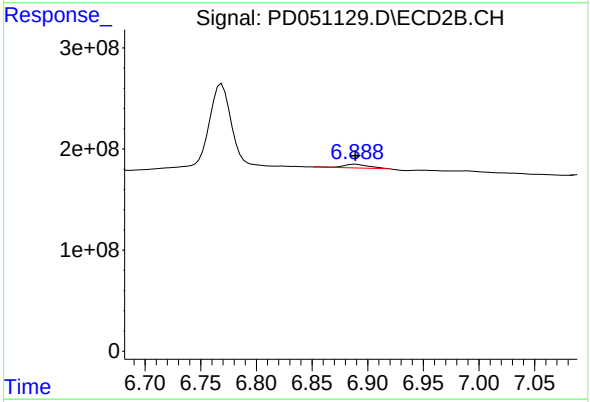
R.T.: 6.989 min
Delta R.T.: 0.011 min
Response: 17514735
Conc: 0.65 ng/ml



#16 4,4'-DDD

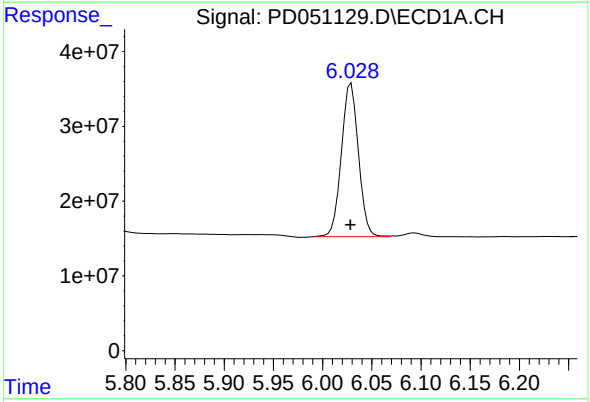
R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 4813101
Conc: 1.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



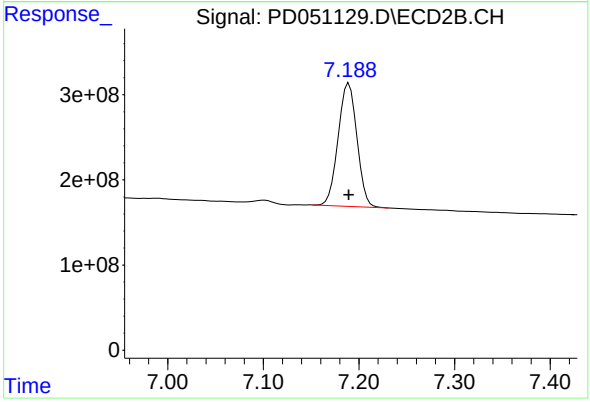
#16 4,4'-DDD

R.T.: 6.889 min
Delta R.T.: 0.000 min
Response: 55787387
Conc: 2.10 ng/ml



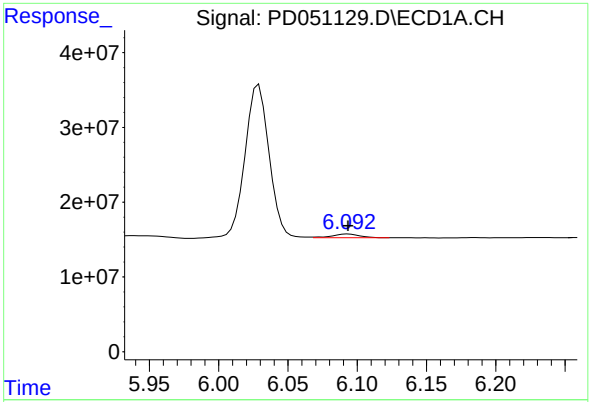
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 247076507
Conc: 100.04 ng/ml



#17 4,4'-DDT

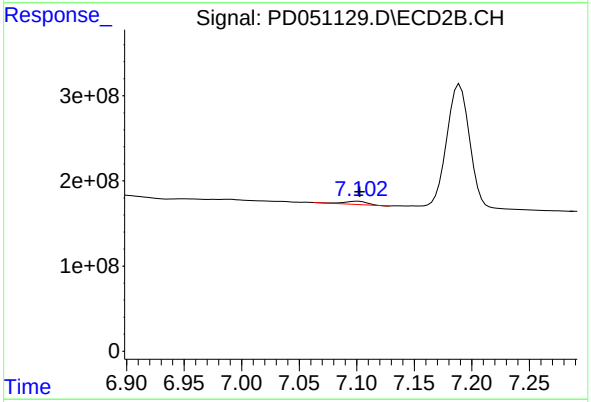
R.T.: 7.190 min
Delta R.T.: 0.000 min
Response: 1977475474
Conc: 87.87 ng/ml



#18 Endrin aldehyde

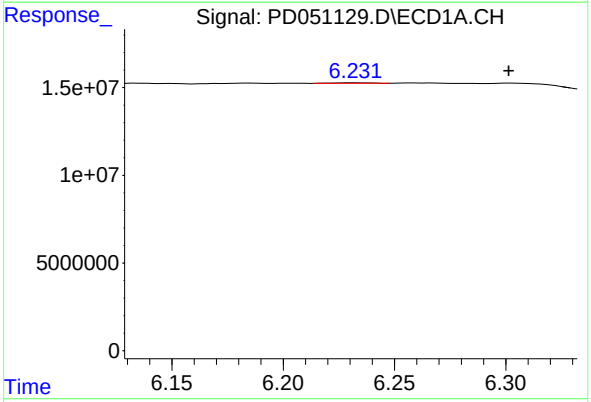
R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 6789394
Conc: 3.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



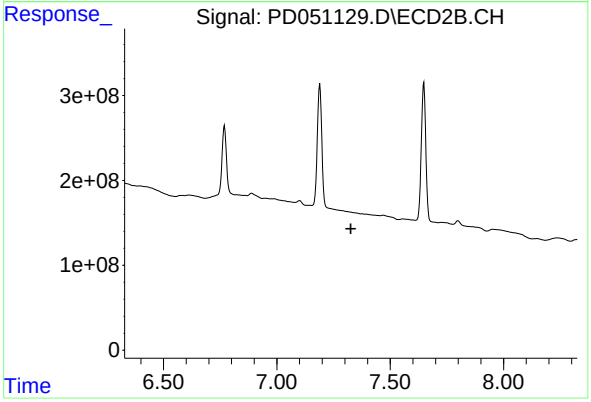
#18 Endrin aldehyde

R.T.: 7.101 min
Delta R.T.: -0.002 min
Response: 55854359
Conc: 2.66 ng/ml



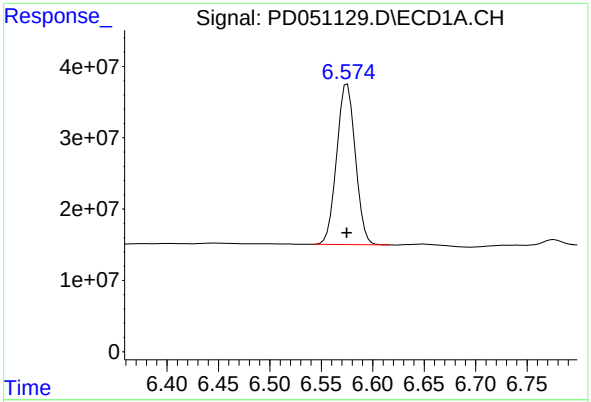
#19 Endosulfan Sulfate

R.T.: 6.233 min
Delta R.T.: -0.069 min
Response: 397990
Conc: 0.17 ng/ml



#19 Endosulfan Sulfate

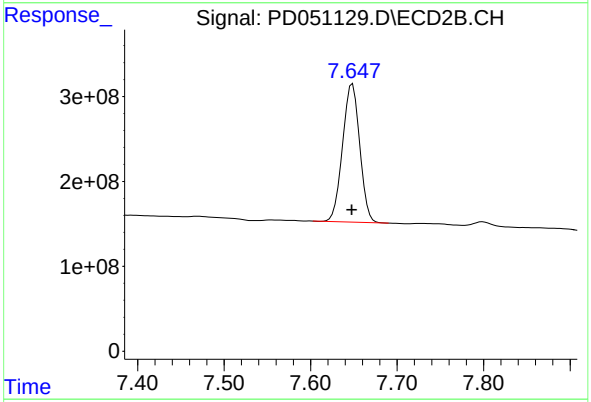
R.T.: 0.000 min
Exp R.T. : 7.327 min
Response: 0
Conc: N.D.



#20 Methoxychlor

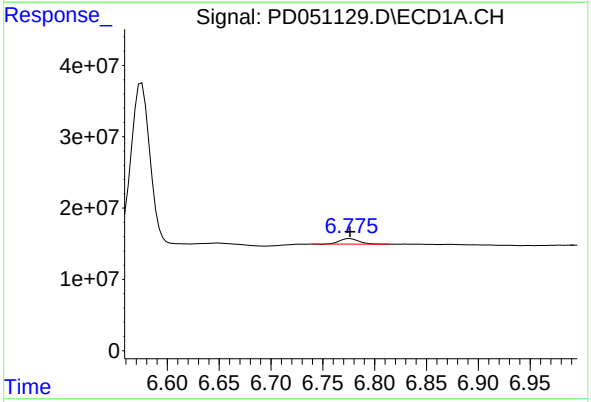
R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 284388642
Conc: 228.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



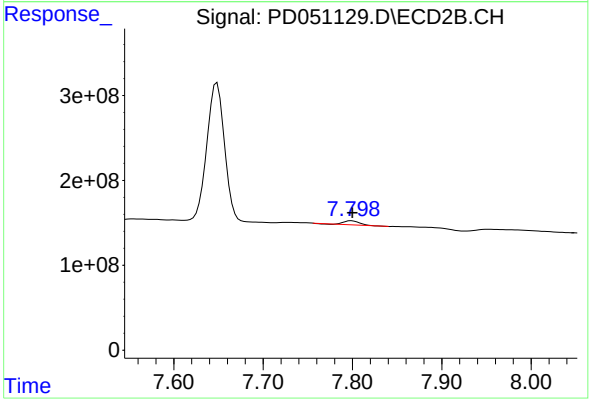
#20 Methoxychlor

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 2230812698
Conc: 209.47 ng/ml



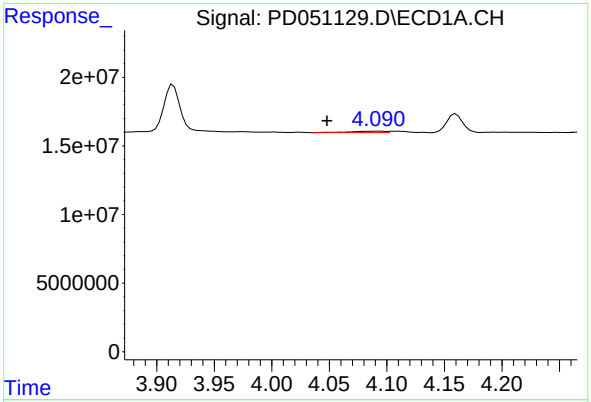
#21 Endrin ketone

R.T.: 6.776 min
Delta R.T.: 0.000 min
Response: 9945423
Conc: 3.71 ng/ml



#21 Endrin ketone

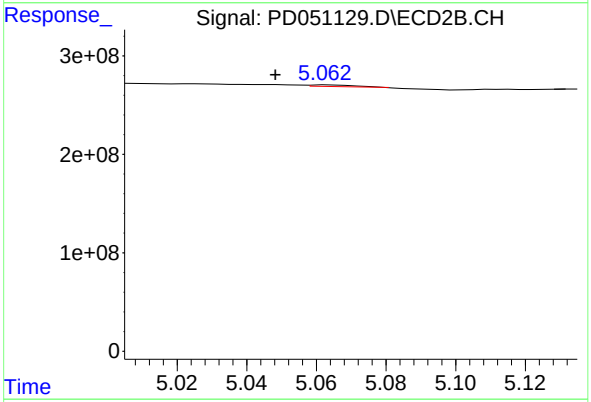
R.T.: 7.799 min
Delta R.T.: -0.001 min
Response: 55663827
Conc: 2.43 ng/ml



#23 Chlordane-1

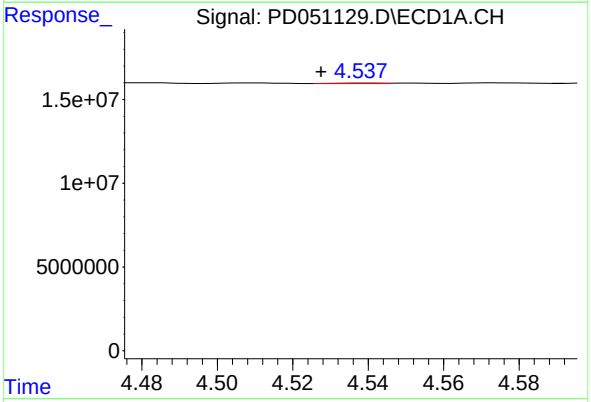
R.T.: 4.092 min
Delta R.T.: 0.044 min
Response: 2337263
Conc: 24.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



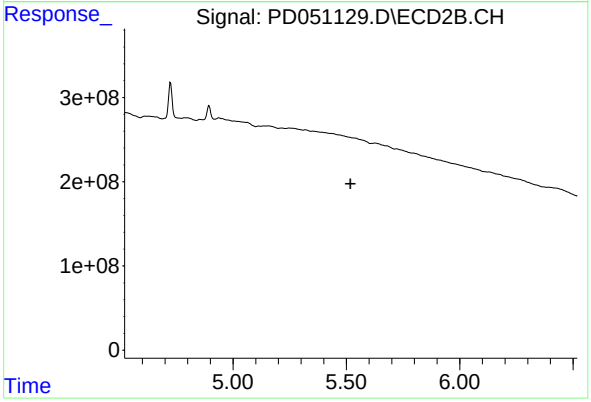
#23 Chlordane-1

R.T.: 5.063 min
Delta R.T.: 0.015 min
Response: 11056564
Conc: 6.82 ng/ml



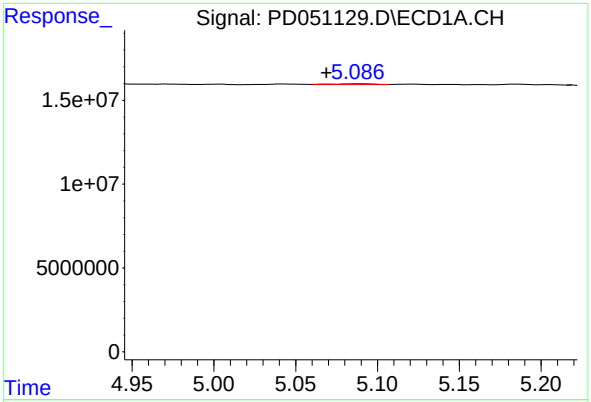
#24 Chlordane-2

R.T.: 4.539 min
Delta R.T.: 0.012 min
Response: 236612
Conc: 2.43 ng/ml



#24 Chlordane-2

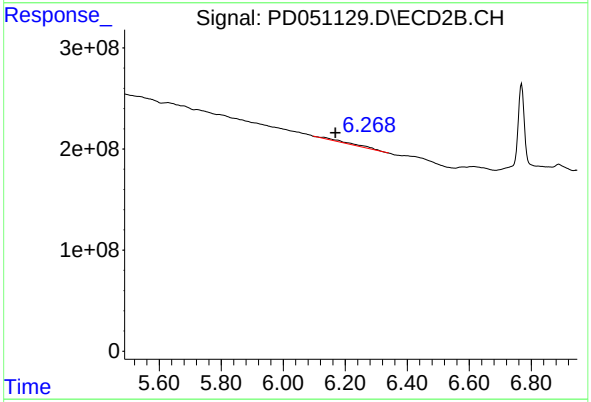
R.T.: 0.000 min
Exp R.T. : 5.519 min
Response: 0
Conc: N.D.



#25 Chlordane-3

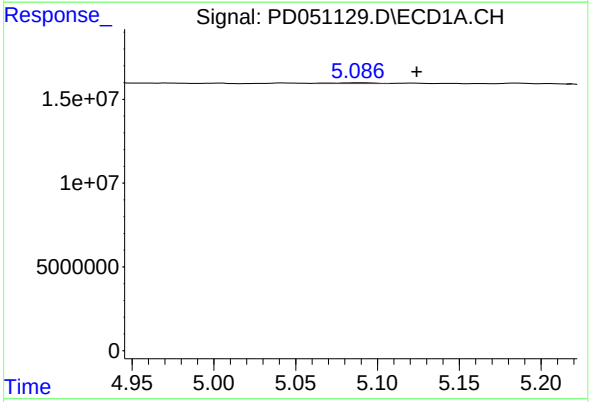
R.T.: 5.088 min
Delta R.T.: 0.019 min
Response: 831670
Conc: 2.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



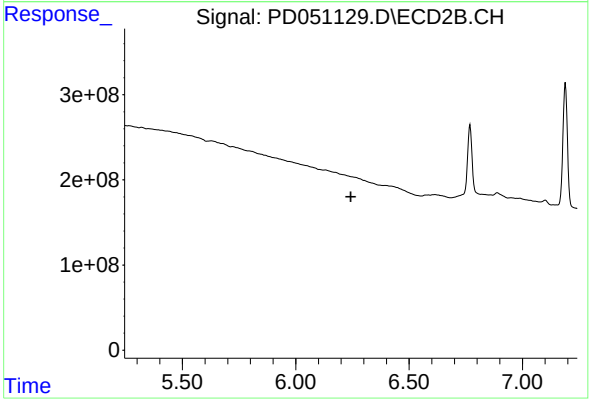
#25 Chlordane-3

R.T.: 6.130 min
Delta R.T.: -0.038 min
Response: 116431547
Conc: 24.98 ng/ml



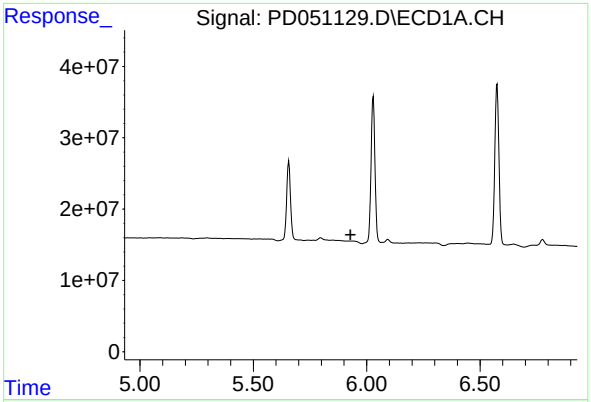
#26 Chlordane-4

R.T.: 5.088 min
Delta R.T.: -0.036 min
Response: 831670
Conc: 2.69 ng/ml



#26 Chlordane-4

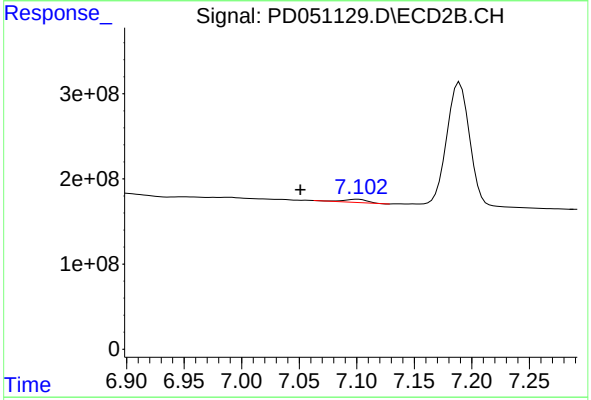
R.T.: 0.000 min
Exp R.T. : 6.243 min
Response: 0
Conc: N.D.



#27 Chlordane-5

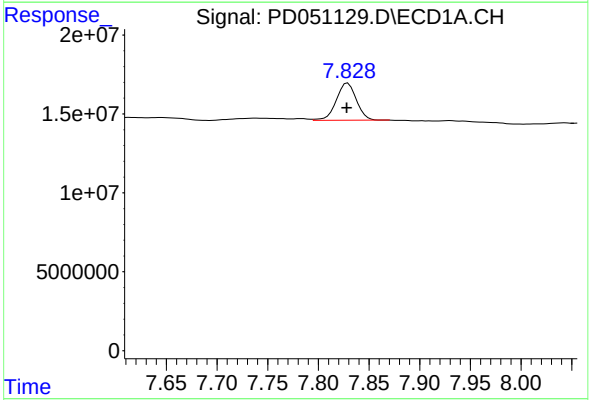
R.T.: 0.000 min
Exp R.T. : 5.929 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



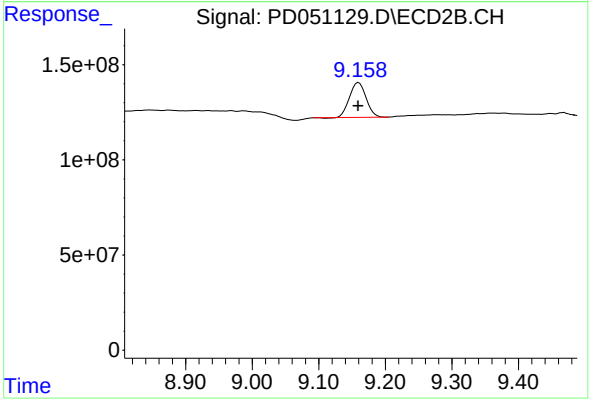
#27 Chlordane-5

R.T.: 7.101 min
Delta R.T.: 0.050 min
Response: 55854359
Conc: 55.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.829 min
Delta R.T.: 0.001 min
Response: 32169813
Conc: 20.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.160 min
Delta R.T.: 0.000 min
Response: 317796731
Conc: 17.86 ng/ml