Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
Data File : PD076468.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2023 22:42
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 11 05:08:07 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...	3.564f	2.764	46679268	24061221	14.247	15.147	
28)	SA	Decachlor...	9.106f	7.907	52752273	23693099	14.837	18.826	#
		Target Compounds							
2)	A	alpha-BHC	4.021f	3.266	37793919	16932162	6.525	7.027	
3)	MA	gamma-BHC...	4.354f	3.596	36053393	15593672	6.886	7.004	
4)	MA	Heptachlor	0.000	3.954f	0	22787	N.D.	0.010	#
5)	MB	Aldrin	0.000	4.225	0	94975	N.D.	0.043	#
6)	B	beta-BHC	4.551f	3.893	16024240	7833169	7.645	8.808	
7)	B	delta-BHC	4.786	4.123	1861266	43086	0.362	0.020	#
8)	B	Heptachlo...	5.710	4.725	2926071	3804	0.607	0.002	#
9)	A	Endosulfan I	6.100f	5.092	399323	14177	0.090	0.008	#
10)	B	gamma-Chl...	5.963	4.981	818004	93246	0.168	0.047	#
11)	B	alpha-Chl...	6.024	5.042	788653	25719	0.164	0.013	#
12)	B	4,4'-DDE	6.224f	5.224	320574	364152	0.076	0.237	#
13)	MA	Dieldrin	0.000	5.358	0	47435	N.D.	0.024	#
14)	MA	Endrin	6.609f	5.629	123.8E6	63788876	31.101	36.139	
15)	B	Endosulfa...	6.802	5.939	723265	247694	0.195	0.160	
16)	A	4,4'-DDD	6.742f	5.777	2629806	1728649	0.783	1.430	#
17)	MA	4,4'-DDT	7.058f	6.028	267.4E6	117.5E6	76.051	97.110	#
18)	B	Endrin al...	6.958f	6.104	3443563	2427368	1.256	2.124	#
19)	B	Endosulfa...	0.000	6.319	0	107451	N.D.	0.071	#
20)	A	Methoxychlor	7.534f	6.604	351.6E6	153.9E6	183.987	240.915	#
21)	B	Endrin ke...	7.680f	6.832	7085813	3761775	1.697	2.152	#
23)		Chlordane-1	0.000	3.763	0	28856	N.D.	0.652	#
24)		Chlordane-2	0.000	4.338	0	214785	N.D.	4.420	#
25)		Chlordane-3	5.963	4.981	818004	93246	1.616	0.664	#
26)		Chlordane-4	6.024	5.042	788653	25719	1.283	0.183	#
27)		Chlordane-5	0.000	5.939	0	247694	N.D.	5.323	#

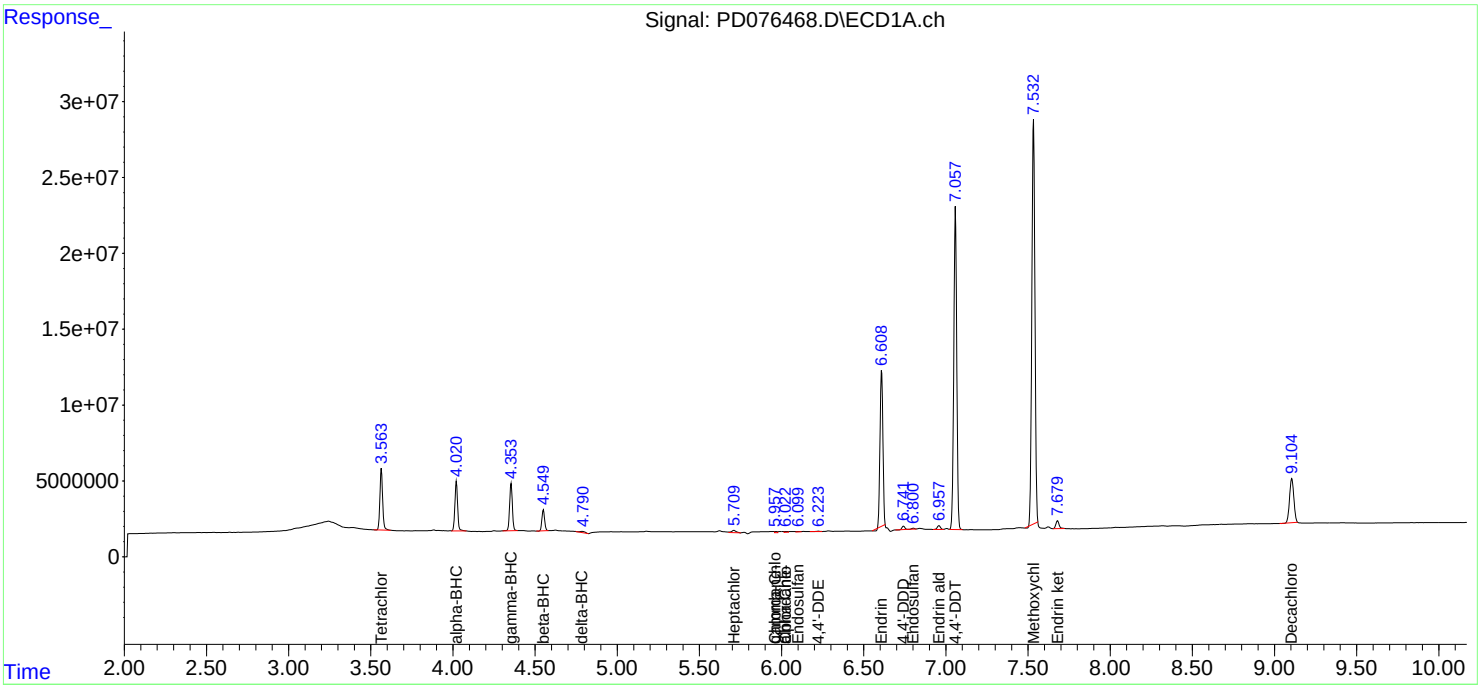
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

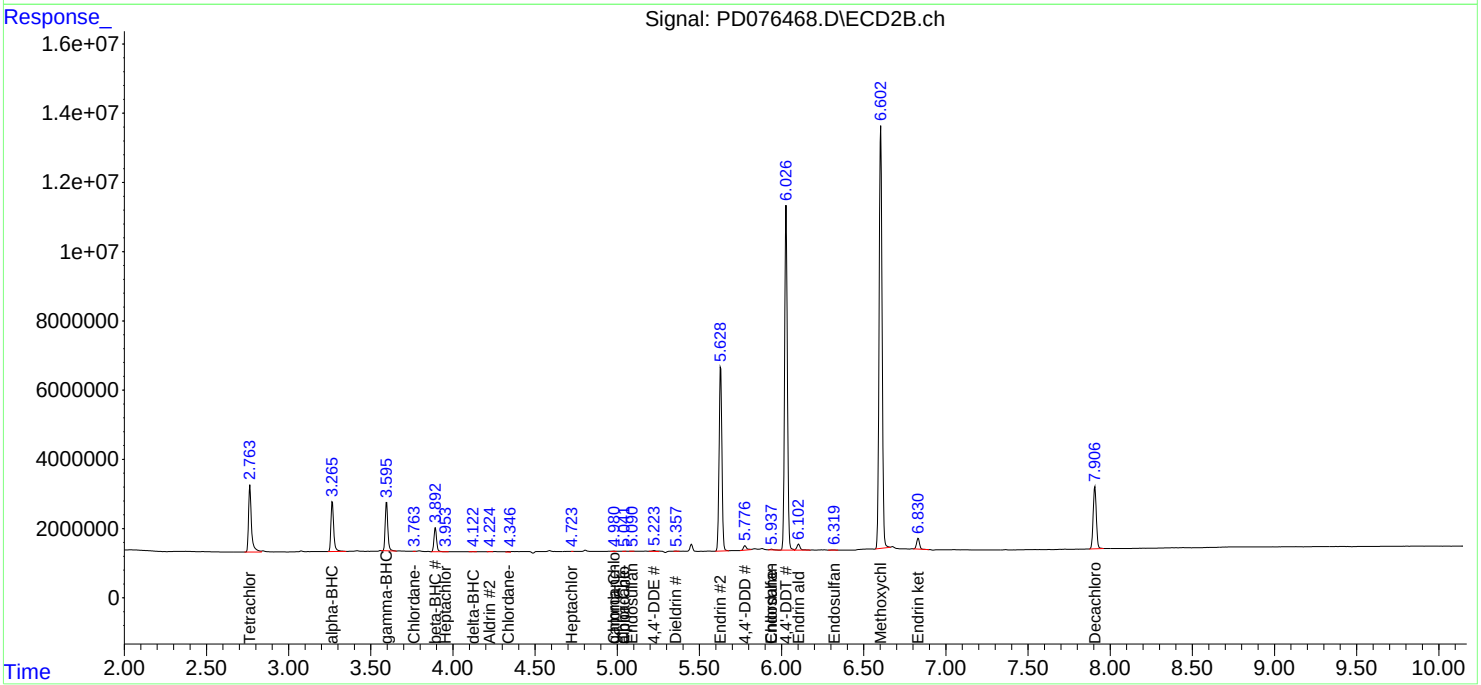
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
Data File : PD076468.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2023 22:42
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

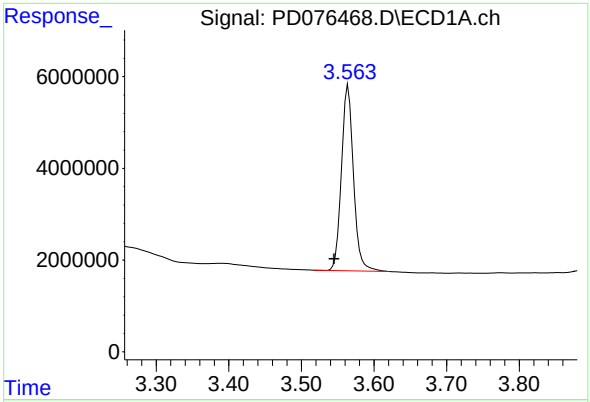
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 05:08:07 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



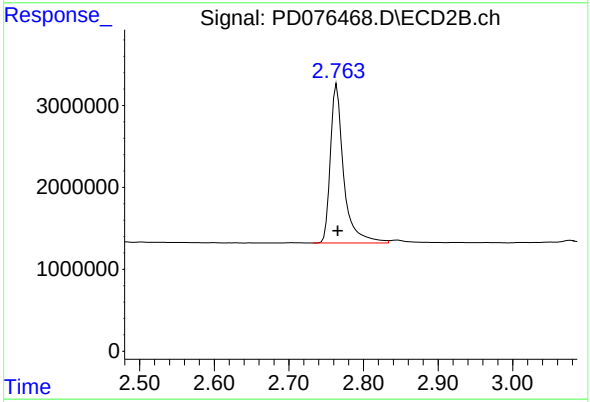




#1 Tetrachloro-m-xylene

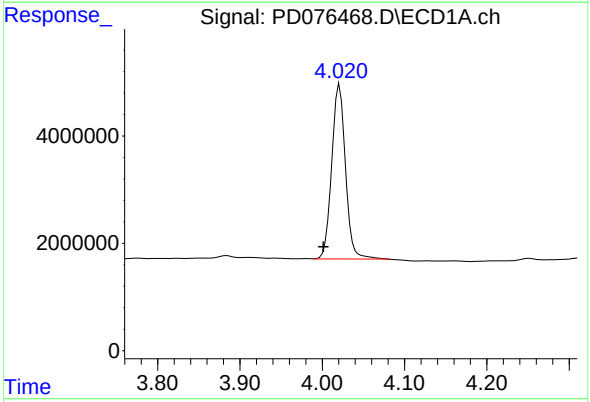
R.T.: 3.564 min
Delta R.T.: 0.019 min
Response: 46679268
Conc: 14.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



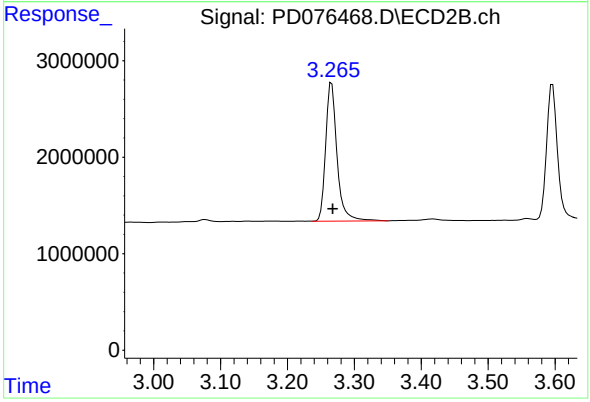
#1 Tetrachloro-m-xylene

R.T.: 2.764 min
Delta R.T.: 0.000 min
Response: 24061221
Conc: 15.15 ng/ml



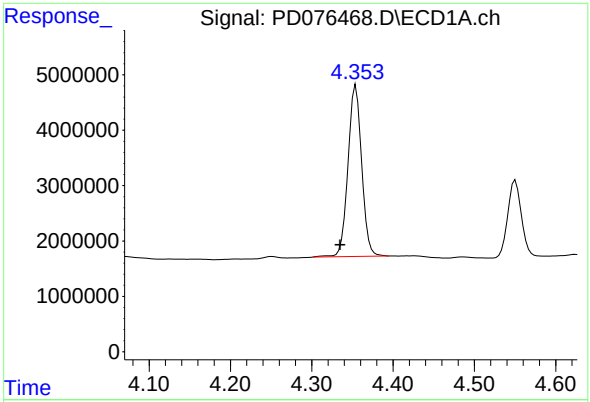
#2 alpha-BHC

R.T.: 4.021 min
Delta R.T.: 0.019 min
Response: 37793919
Conc: 6.53 ng/ml



#2 alpha-BHC

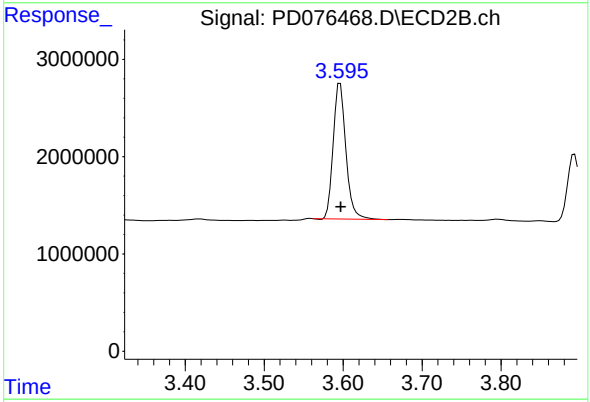
R.T.: 3.266 min
Delta R.T.: -0.001 min
Response: 16932162
Conc: 7.03 ng/ml



#3 gamma-BHC (Lindane)

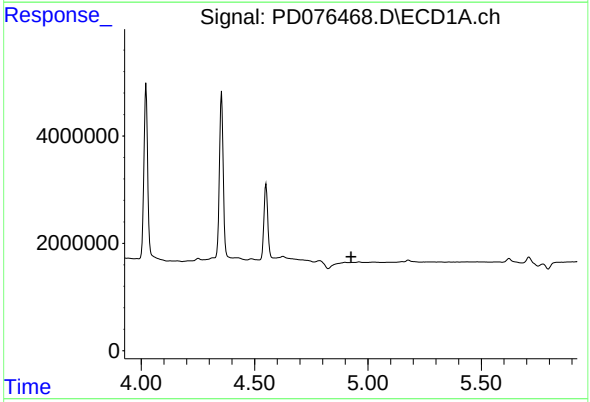
R.T.: 4.354 min
Delta R.T.: 0.019 min
Response: 36053393
Conc: 6.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



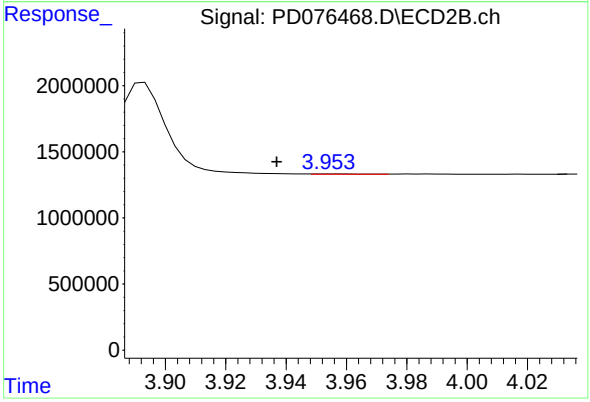
#3 gamma-BHC (Lindane)

R.T.: 3.596 min
Delta R.T.: 0.000 min
Response: 15593672
Conc: 7.00 ng/ml



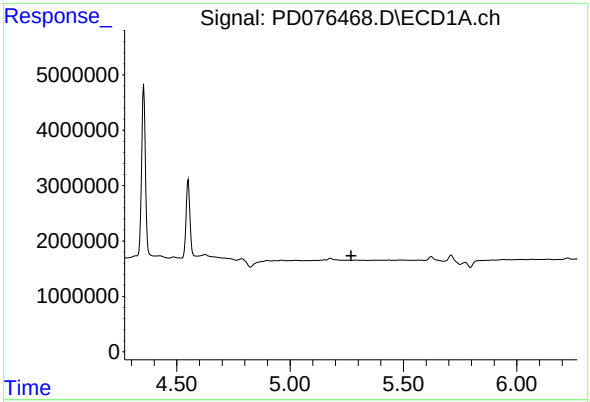
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.926 min
Response: 0
Conc: N.D.



#4 Heptachlor

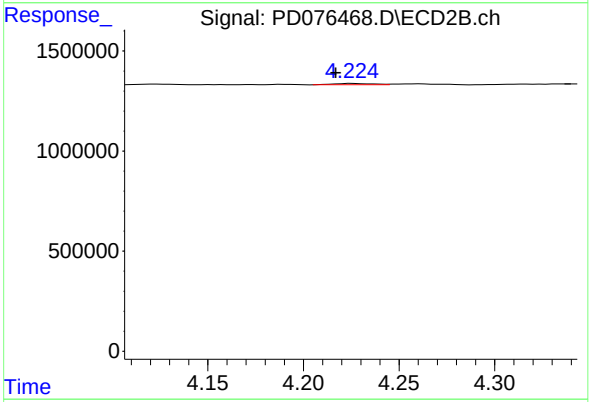
R.T.: 3.954 min
Delta R.T.: 0.017 min
Response: 22787
Conc: 0.01 ng/ml



#5 Aldrin

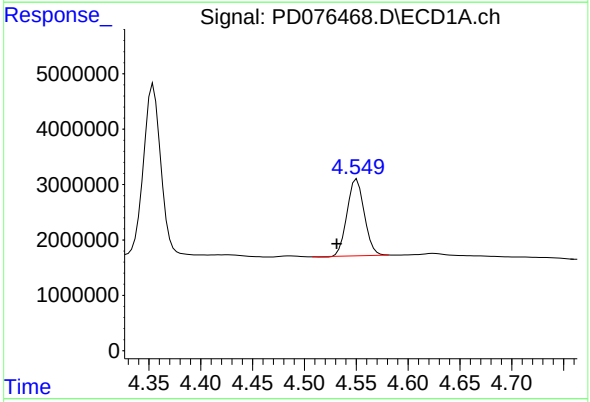
R.T.: 0.000 min
Exp R.T. : 5.269 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



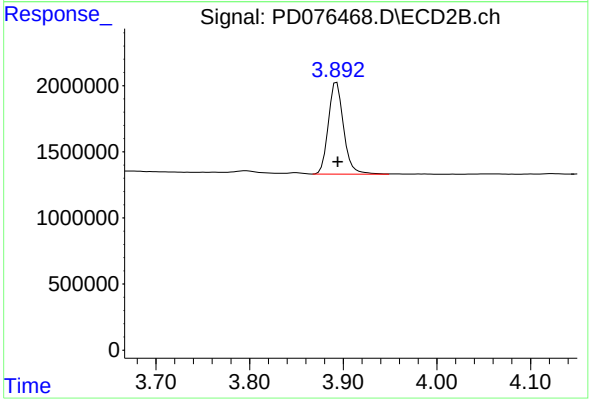
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: 0.009 min
Response: 94975
Conc: 0.04 ng/ml



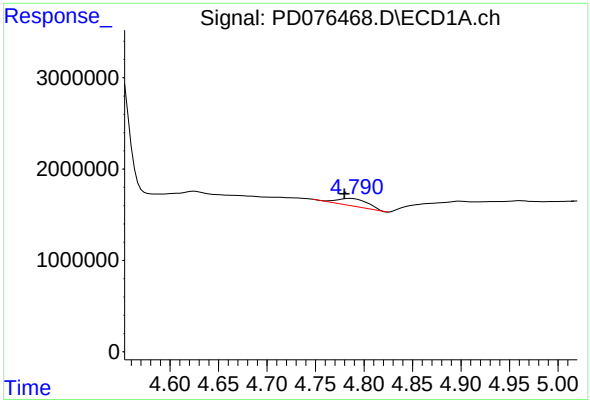
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.019 min
Response: 16024240
Conc: 7.65 ng/ml



#6 beta-BHC

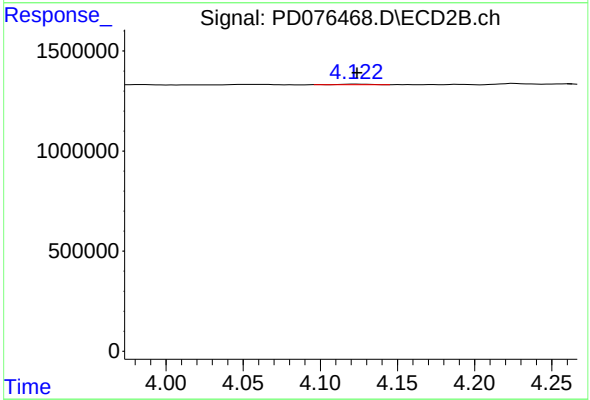
R.T.: 3.893 min
Delta R.T.: 0.000 min
Response: 7833169
Conc: 8.81 ng/ml



#7 delta-BHC

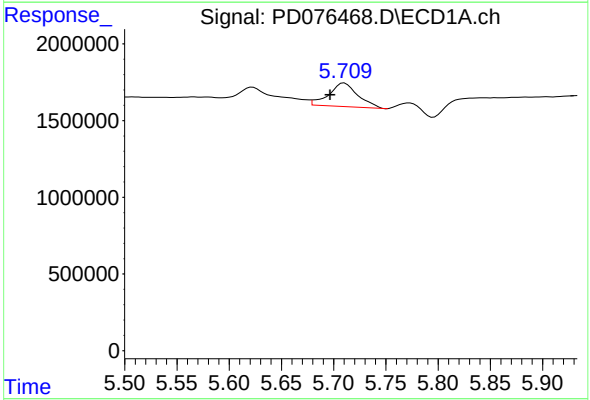
R.T.: 4.786 min
Delta R.T.: 0.007 min
Response: 1861266
Conc: 0.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



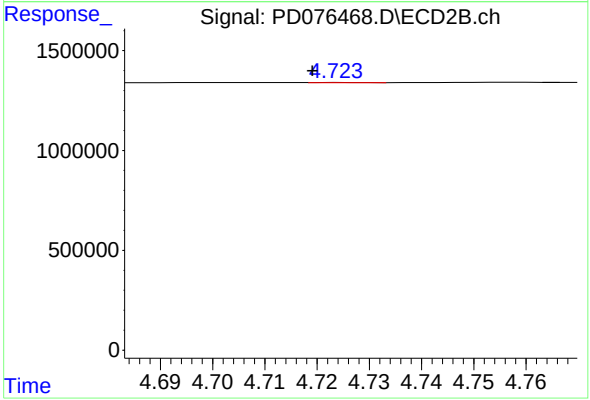
#7 delta-BHC

R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 43086
Conc: 0.02 ng/ml



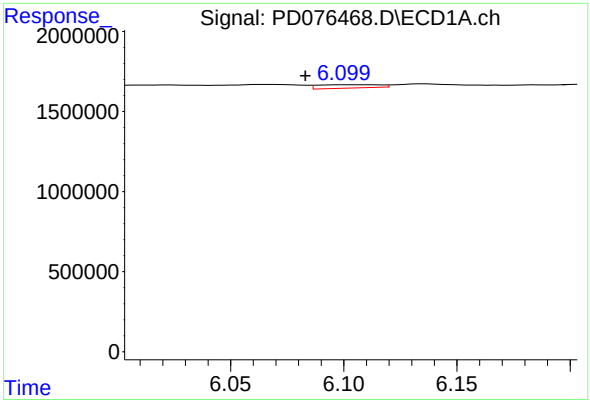
#8 Heptachlor epoxide

R.T.: 5.710 min
Delta R.T.: 0.014 min
Response: 2926071
Conc: 0.61 ng/ml



#8 Heptachlor epoxide

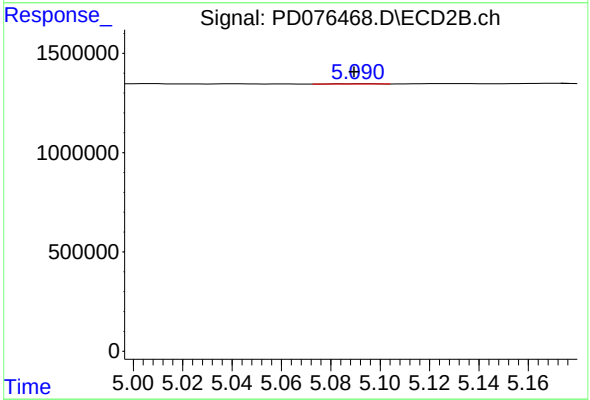
R.T.: 4.725 min
Delta R.T.: 0.005 min
Response: 3804
Conc: 0.00 ng/ml



#9 Endosulfan I

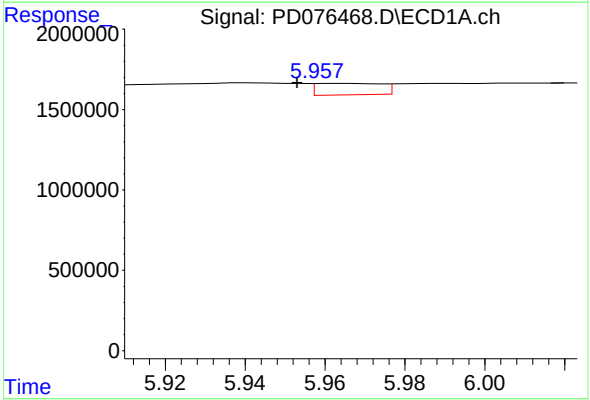
R.T.: 6.100 min
Delta R.T.: 0.017 min
Response: 399323
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



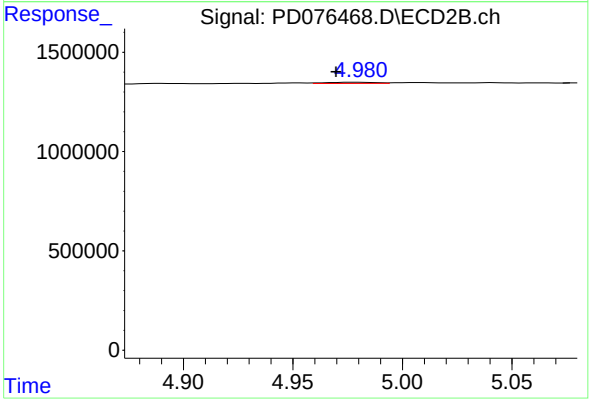
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: 0.003 min
Response: 14177
Conc: 0.01 ng/ml



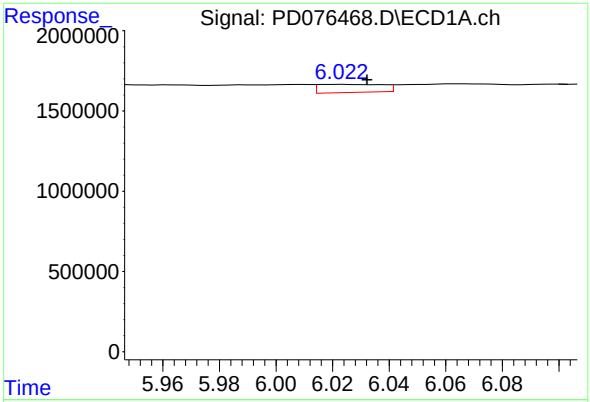
#10 gamma-Chlordane

R.T.: 5.963 min
Delta R.T.: 0.010 min
Response: 818004
Conc: 0.17 ng/ml



#10 gamma-Chlordane

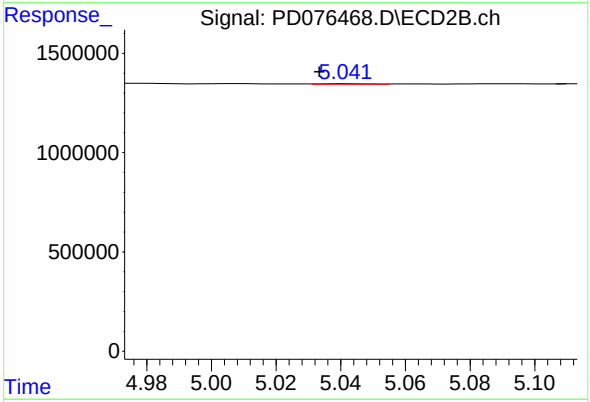
R.T.: 4.981 min
Delta R.T.: 0.011 min
Response: 93246
Conc: 0.05 ng/ml



#11 alpha-Chlordane

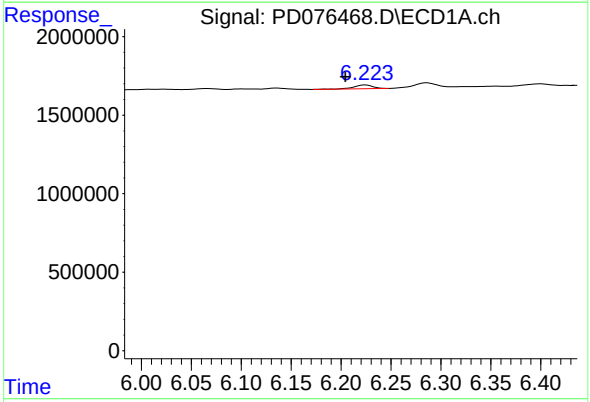
R.T.: 6.024 min
Delta R.T.: -0.009 min
Response: 788653
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



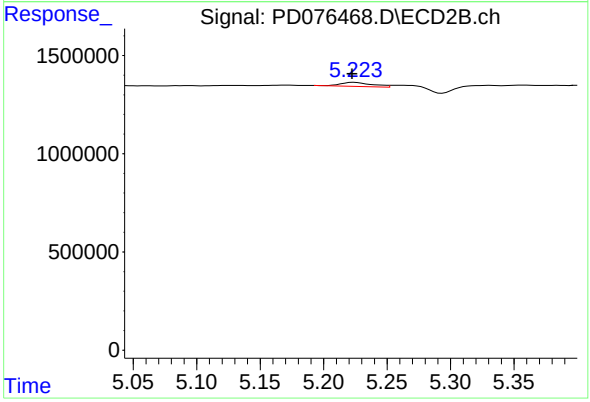
#11 alpha-Chlordane

R.T.: 5.042 min
Delta R.T.: 0.009 min
Response: 25719
Conc: 0.01 ng/ml



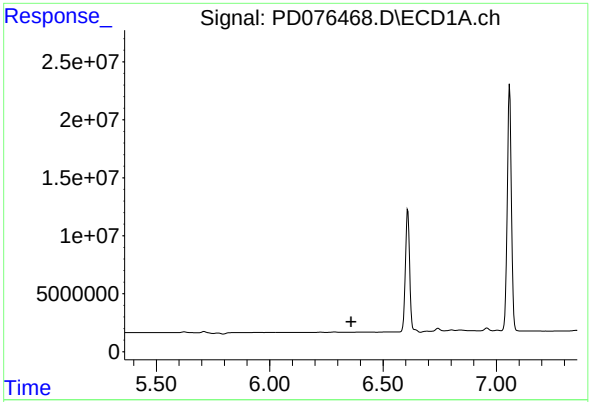
#12 4,4'-DDE

R.T.: 6.224 min
Delta R.T.: 0.020 min
Response: 320574
Conc: 0.08 ng/ml



#12 4,4'-DDE

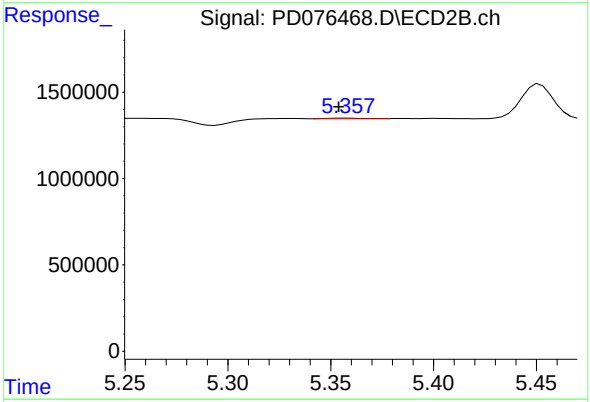
R.T.: 5.224 min
Delta R.T.: 0.002 min
Response: 364152
Conc: 0.24 ng/ml



#13 Dieldrin

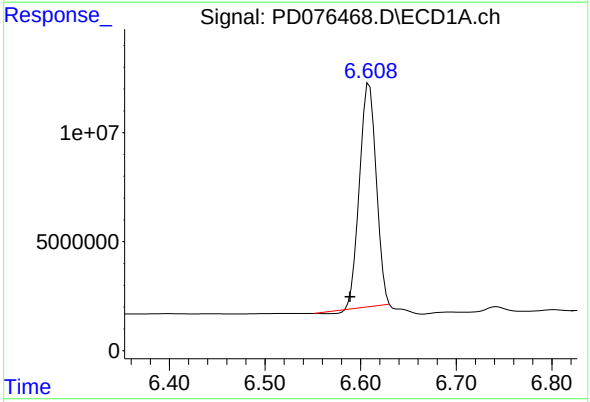
R.T.: 0.000 min
Exp R.T. : 6.359 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



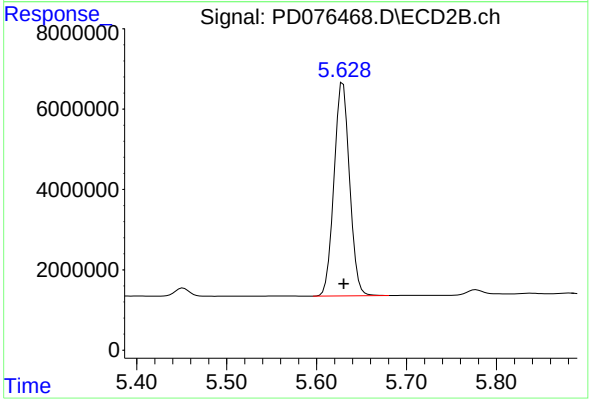
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: 0.004 min
Response: 47435
Conc: 0.02 ng/ml



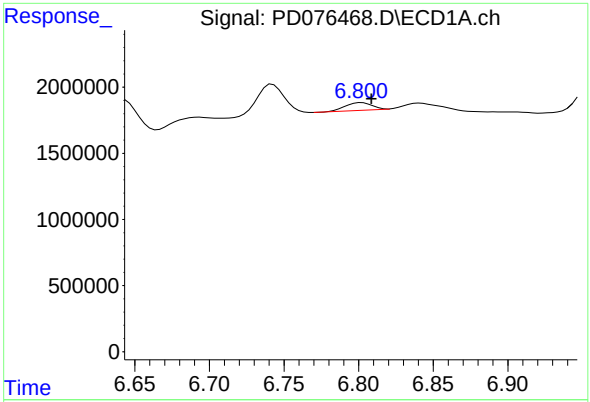
#14 Endrin

R.T.: 6.609 min
Delta R.T.: 0.020 min
Response: 123825006
Conc: 31.10 ng/ml



#14 Endrin

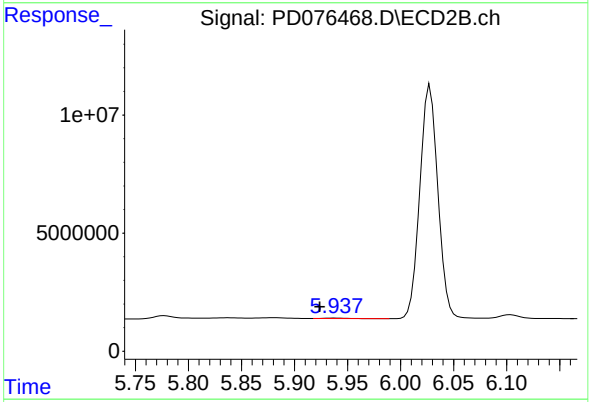
R.T.: 5.629 min
Delta R.T.: 0.000 min
Response: 63788876
Conc: 36.14 ng/ml



#15 Endosulfan II

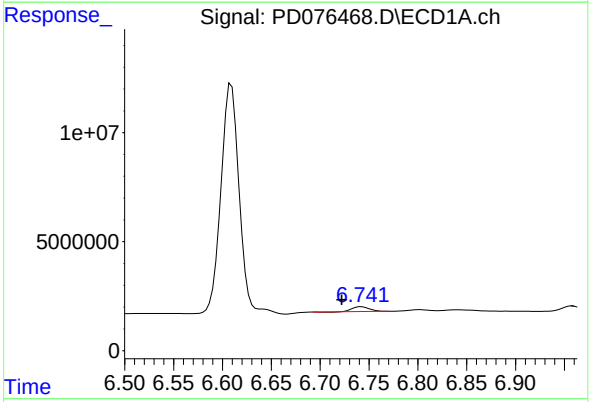
R.T.: 6.802 min
Delta R.T.: -0.006 min
Response: 723265
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



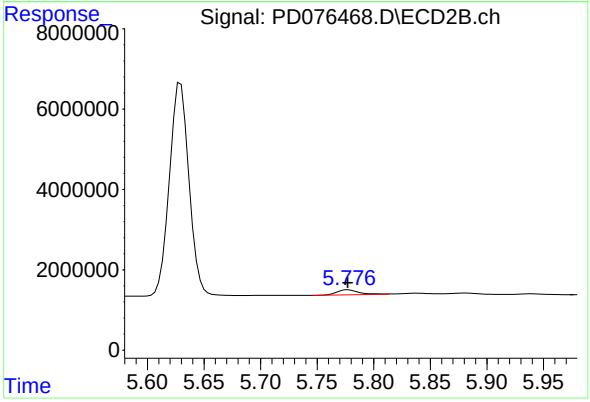
#15 Endosulfan II

R.T.: 5.939 min
Delta R.T.: 0.015 min
Response: 247694
Conc: 0.16 ng/ml



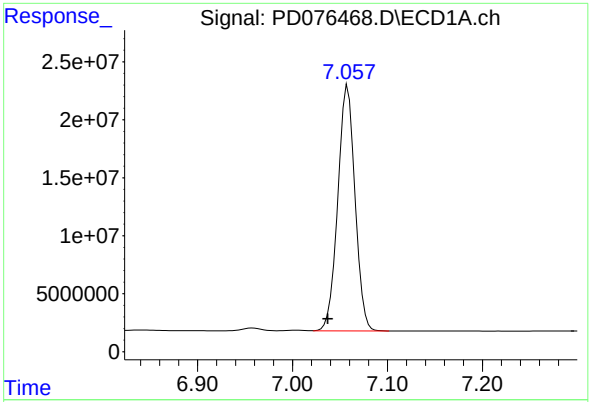
#16 4,4'-DDD

R.T.: 6.742 min
Delta R.T.: 0.020 min
Response: 2629806
Conc: 0.78 ng/ml



#16 4,4'-DDD

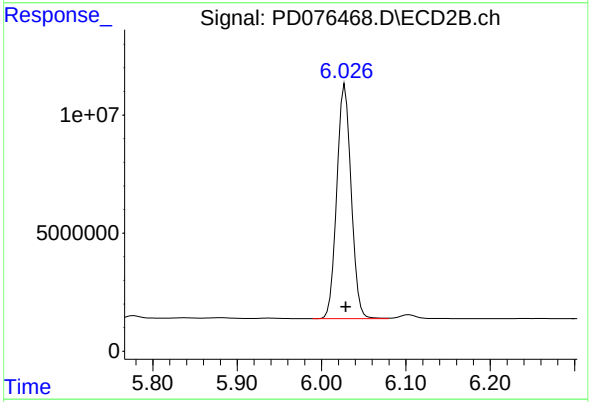
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 1728649
Conc: 1.43 ng/ml



#17 4,4'-DDT

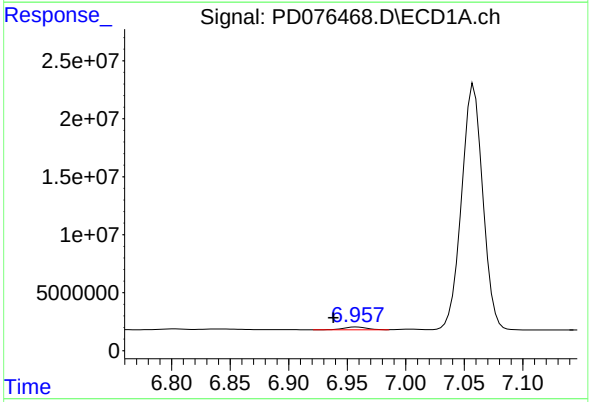
R.T.: 7.058 min
Delta R.T.: 0.021 min
Response: 267394603
Conc: 76.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



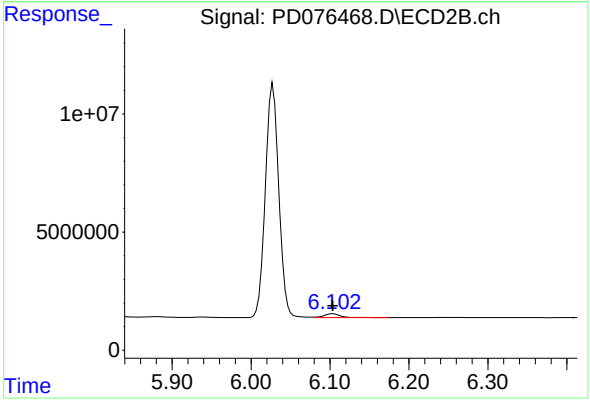
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 117531194
Conc: 97.11 ng/ml



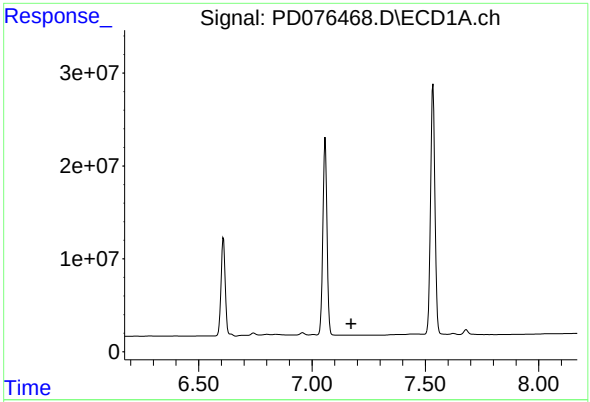
#18 Endrin aldehyde

R.T.: 6.958 min
Delta R.T.: 0.020 min
Response: 3443563
Conc: 1.26 ng/ml



#18 Endrin aldehyde

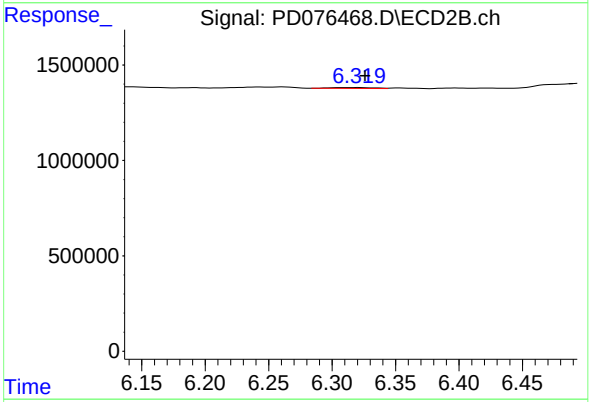
R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 2427368
Conc: 2.12 ng/ml



#19 Endosulfan Sulfate

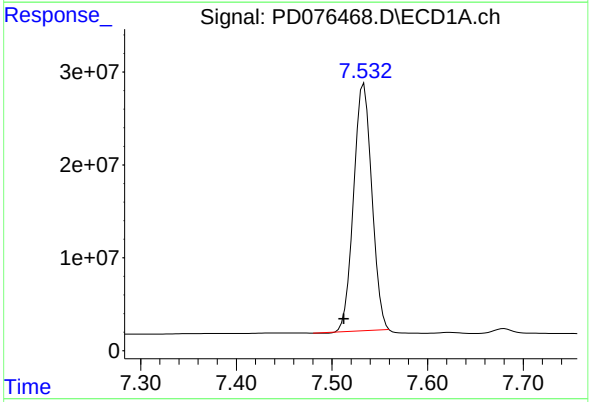
R.T.: 0.000 min
Exp R.T. : 7.173 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



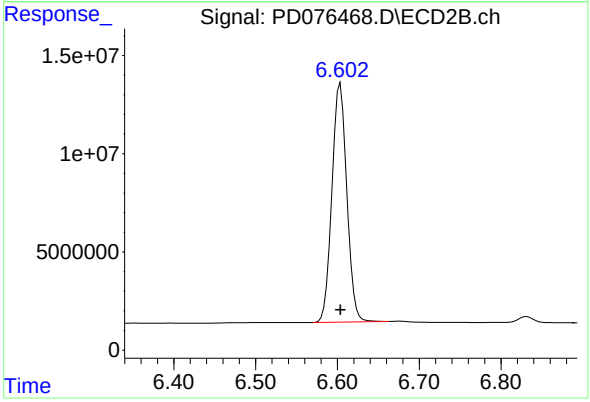
#19 Endosulfan Sulfate

R.T.: 6.319 min
Delta R.T.: -0.006 min
Response: 107451
Conc: 0.07 ng/ml



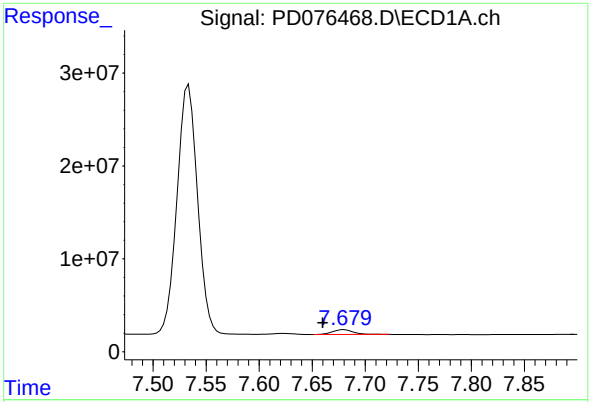
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.021 min
Response: 351648683
Conc: 183.99 ng/ml



#20 Methoxychlor

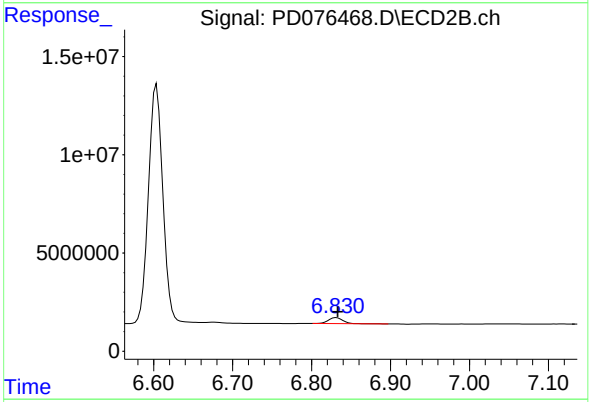
R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 153850174
Conc: 240.92 ng/ml



#21 Endrin ketone

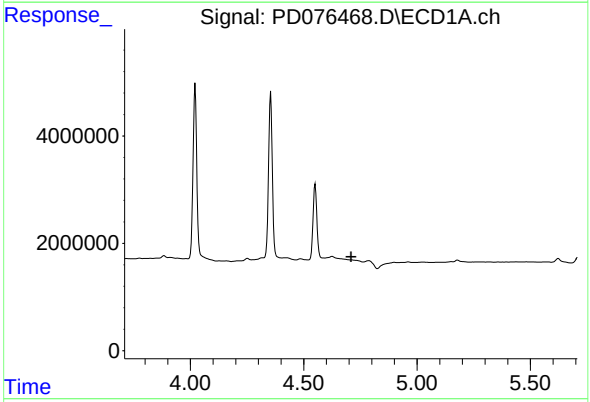
R.T.: 7.680 min
Delta R.T.: 0.020 min
Response: 7085813
Conc: 1.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



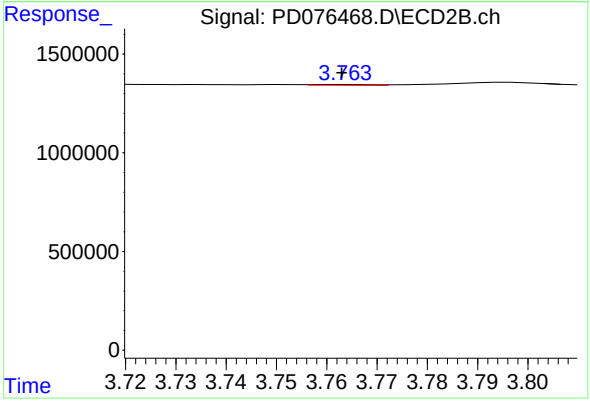
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.002 min
Response: 3761775
Conc: 2.15 ng/ml



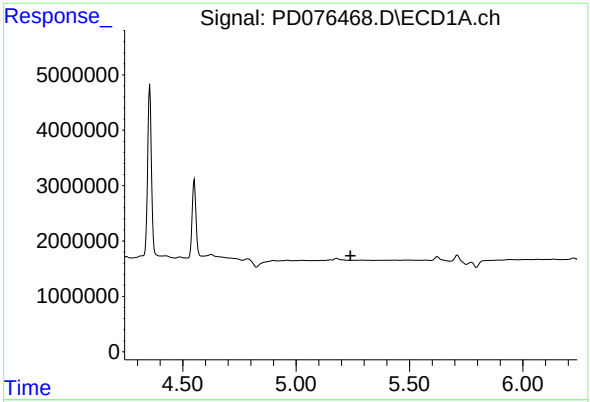
#23 Chlordane-1

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



#23 Chlordane-1

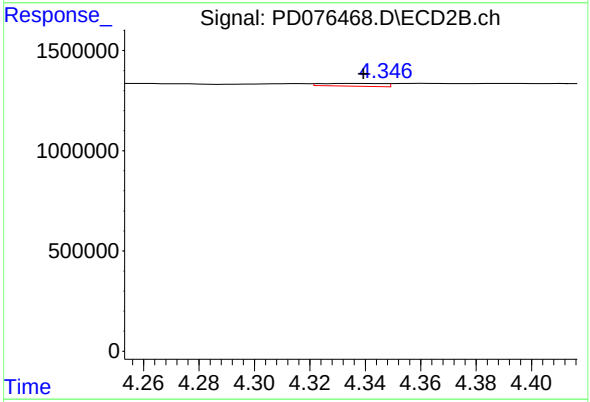
R.T.: 3.763 min
Delta R.T.: 0.000 min
Response: 28856
Conc: 0.65 ng/ml



#24 Chlordane-2

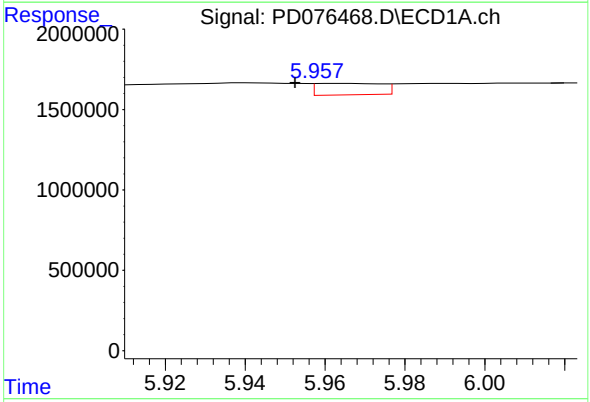
R.T.: 0.000 min
Exp R.T. : 5.240 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



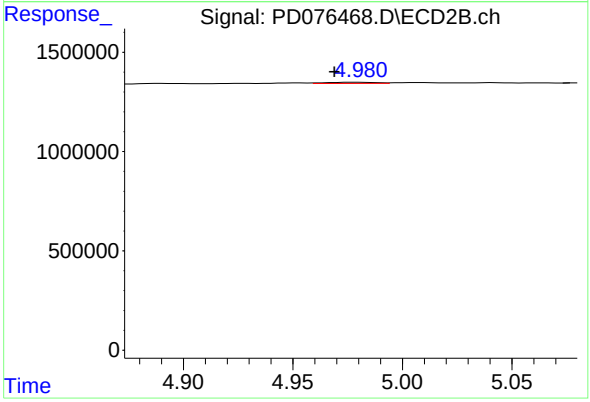
#24 Chlordane-2

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 214785
Conc: 4.42 ng/ml



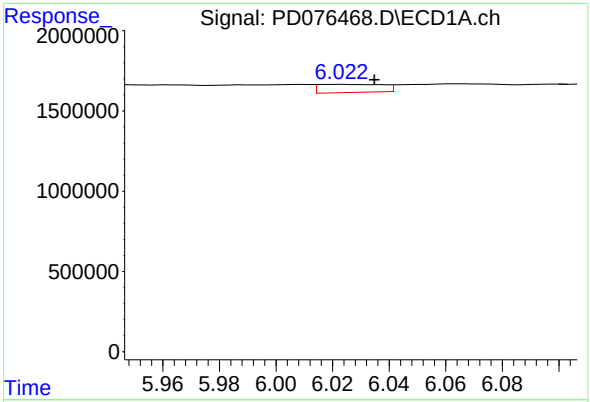
#25 Chlordane-3

R.T.: 5.963 min
Delta R.T.: 0.010 min
Response: 818004
Conc: 1.62 ng/ml



#25 Chlordane-3

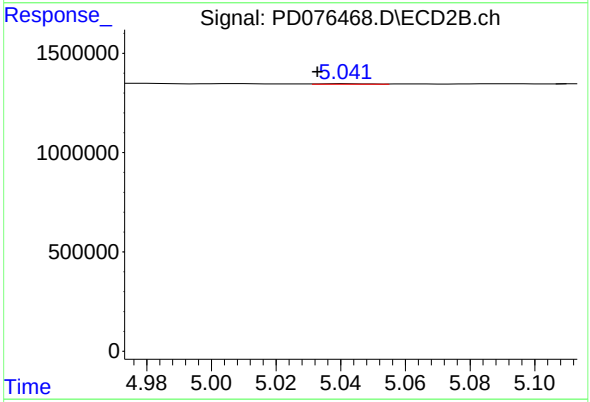
R.T.: 4.981 min
Delta R.T.: 0.012 min
Response: 93246
Conc: 0.66 ng/ml



#26 Chlordane-4

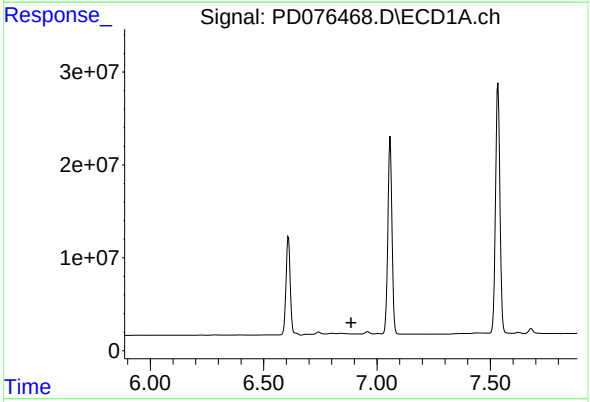
R.T.: 6.024 min
Delta R.T.: -0.011 min
Response: 788653
Conc: 1.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



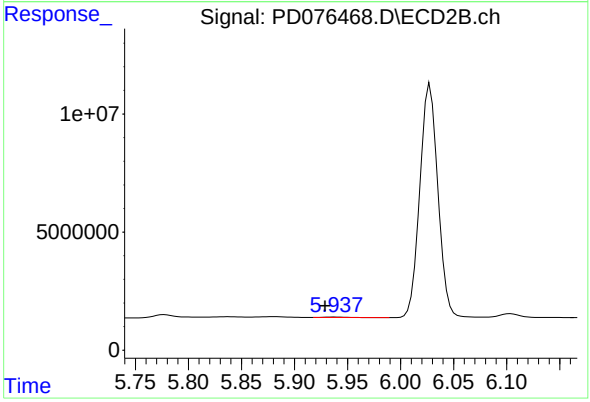
#26 Chlordane-4

R.T.: 5.042 min
Delta R.T.: 0.009 min
Response: 25719
Conc: 0.18 ng/ml



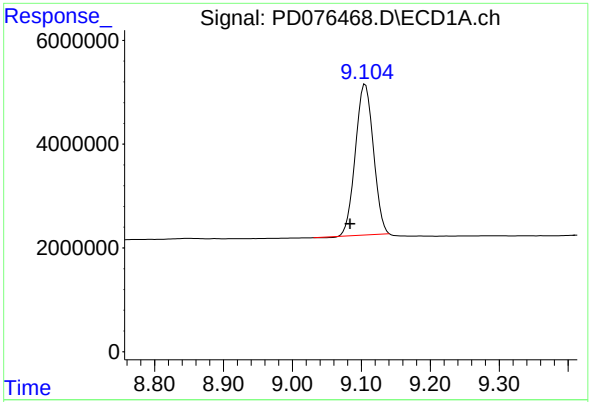
#27 Chlordane-5

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



#27 Chlordane-5

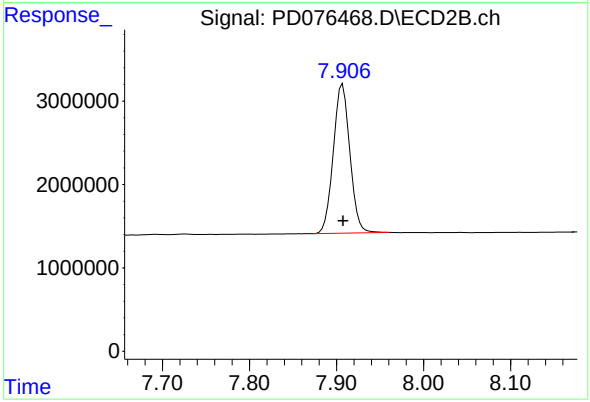
R.T.: 5.939 min
Delta R.T.: 0.010 min
Response: 247694
Conc: 5.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.106 min
Delta R.T.: 0.022 min
Response: 52752273
Conc: 14.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 23693099
Conc: 18.83 ng/ml