Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022422\
Data File : PD068164.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2022 09:20
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: Feb 25 01:00:50 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD022222.M
Quant Title : GC Extractables
QLast Update : Tue Feb 22 13:16:10 2022
Response via : Initial Calibration
Integrator: ChemStation

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...	3.450	4.175	28100554	186.8E6	19.303	20.203	
28)	SA Decachlor...	8.214	9.370	27240500	102.8E6	19.009	20.648	
	Target Compounds							
2)	A alpha-BHC	3.889	4.571	19975980	134.7E6	8.986	10.194	
3)	MA gamma-BHC...	4.173	4.862	18688015	122.5E6	9.145	10.321	
5)	MB Aldrin	4.718	5.678f	111728	345756	0.052	0.030	#
6)	B beta-BHC	4.423	5.024	9286415	59444991	10.900	11.489	
7)	B delta-BHC	4.652f	5.262	214575	67092	0.105	0.006	#
8)	B Heptachlo...	0.000	6.073f	0	14045252	N.D.	1.391	#
9)	A Endosulfan I	0.000	6.471f	0	293225	N.D.	0.033	#
10)	B gamma-Chl...	5.391	0.000	142540	0	0.072	N.D.	#
11)	B alpha-Chl...	0.000	6.404	0	656506	N.D.	0.069	#
12)	B 4,4'-DDE	5.617	6.551	1692436	4958124	0.929	0.549	#
13)	MA Dieldrin	0.000	6.709	0	1165889	N.D.	0.121	#
14)	MA Endrin	6.006	6.931	82674319	347.4E6	50.388	48.476	
15)	B Endosulfa...	6.285	7.134	746783	5895113	0.444	0.772	#
16)	A 4,4'-DDD	6.134	7.042	4337104	24250992	2.829	3.460	
17)	MA 4,4'-DDT	6.375	7.345	148.9E6	544.8E6	108.251	96.082	
18)	B Endrin al...	6.450	7.260	1747145	10912643	1.583	2.107	#
19)	B Endosulfa...	6.646f	0.000	63972	0	0.041	N.D.	#
20)	A Methoxychlor	6.926	7.798	192.3E6	607.6E6	247.204	224.494	
21)	B Endrin ke...	7.155	7.960	2902818	15258230	1.625	2.123	#
22)	Mirex	7.341	8.437	43844	2095649	0.031	0.418	#
24)	Chlordane-2	0.000	5.678	0	345756	N.D.	0.838	#
25)	Chlordane-3	5.391	0.000	142540	0	0.684	N.D.	#
26)	Chlordane-4	0.000	6.404	0	656506	N.D.	0.394	#
27)	Chlordane-5	6.285	0.000	746783	0	11.311	N.D.	#

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

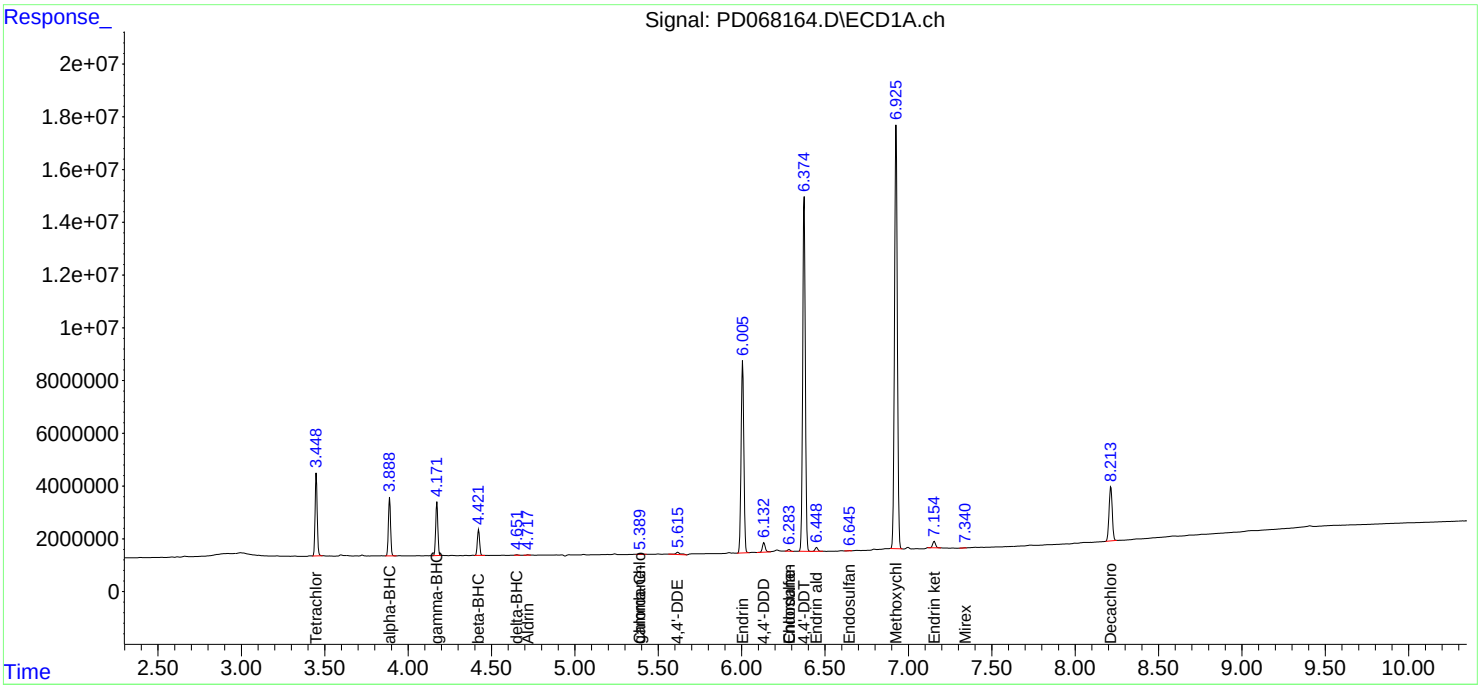
Quantitation Report (Not Reviewed)

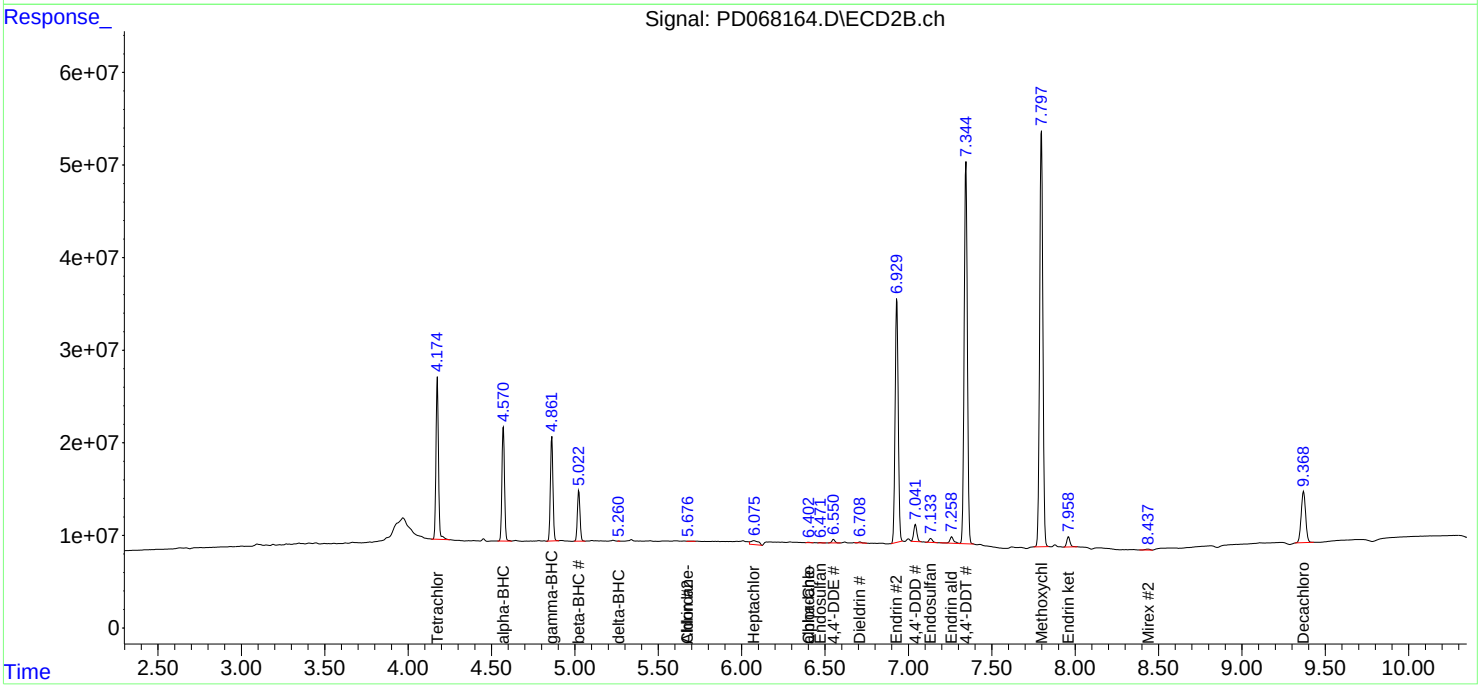
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022422\
Data File : PD068164.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2022 09:20
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

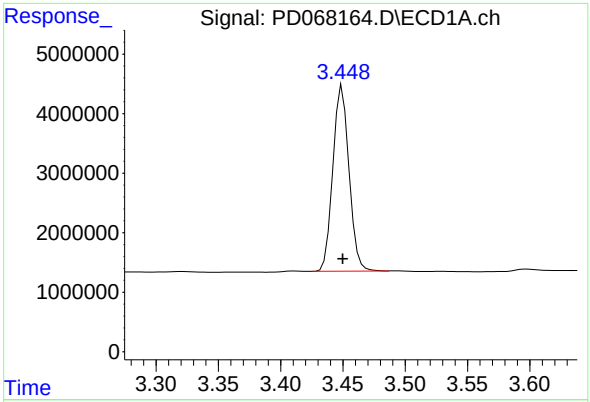
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:00:50 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD022222.M
Quant Title : GC Extractables
QLast Update : Tue Feb 22 13:16:10 2022
Response via : Initial Calibration
Integrator: ChemStation

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



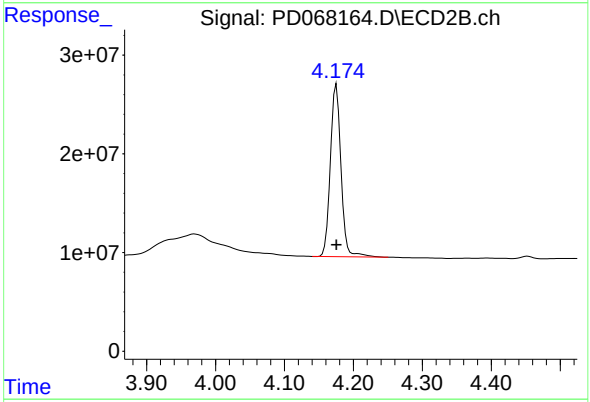




#1 Tetrachloro-m-xylene

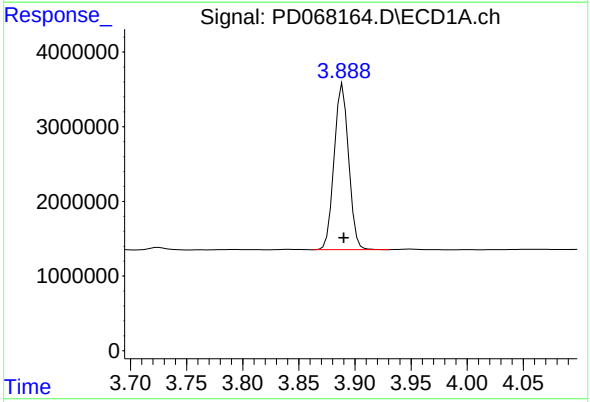
R.T.: 3.450 min
Delta R.T.: 0.000 min
Response: 28100554
Conc: 19.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



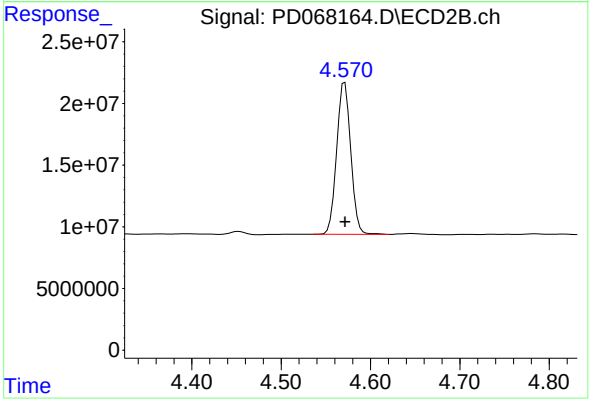
#1 Tetrachloro-m-xylene

R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 186826177
Conc: 20.20 ng/ml



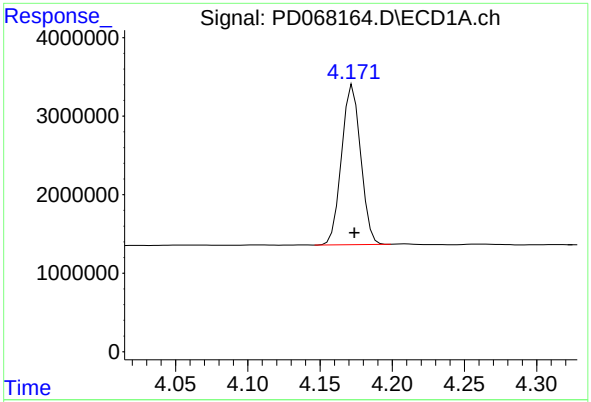
#2 alpha-BHC

R.T.: 3.889 min
Delta R.T.: 0.000 min
Response: 19975980
Conc: 8.99 ng/ml



#2 alpha-BHC

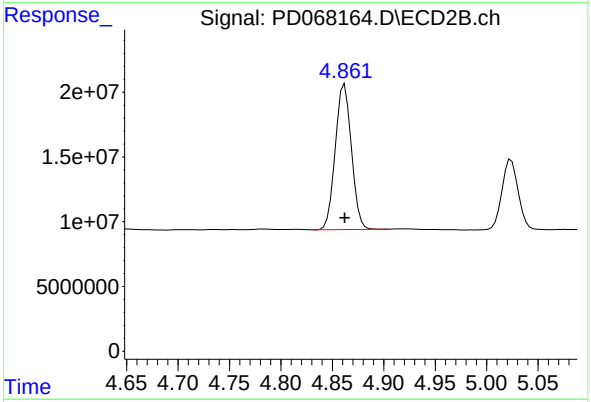
R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 134744987
Conc: 10.19 ng/ml



#3 gamma-BHC (Lindane)

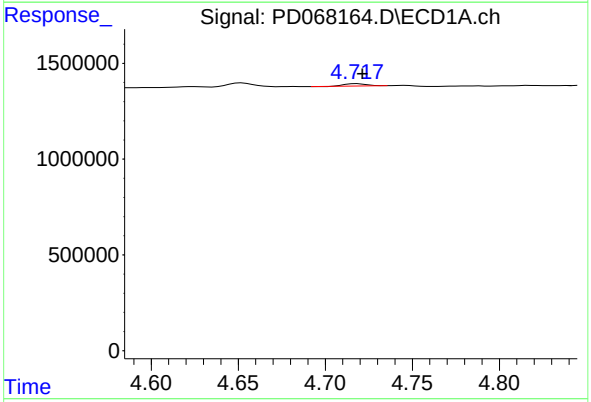
R.T.: 4.173 min
Delta R.T.: 0.000 min
Response: 18688015
Conc: 9.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



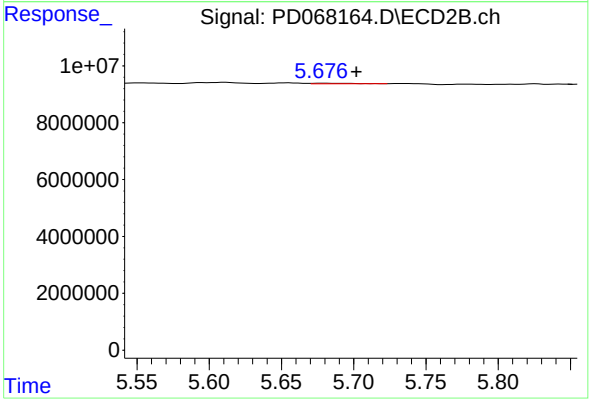
#3 gamma-BHC (Lindane)

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 122547446
Conc: 10.32 ng/ml



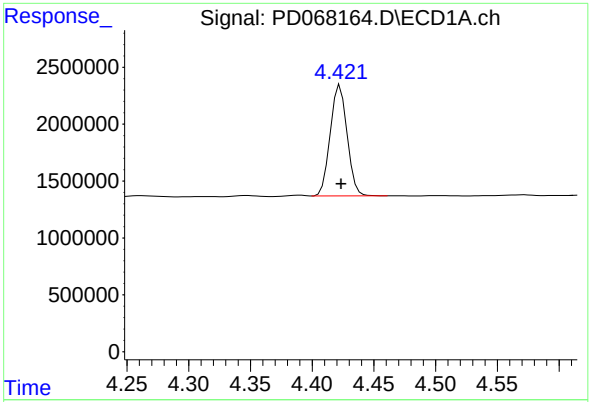
#5 Aldrin

R.T.: 4.718 min
Delta R.T.: -0.003 min
Response: 111728
Conc: 0.05 ng/ml



#5 Aldrin

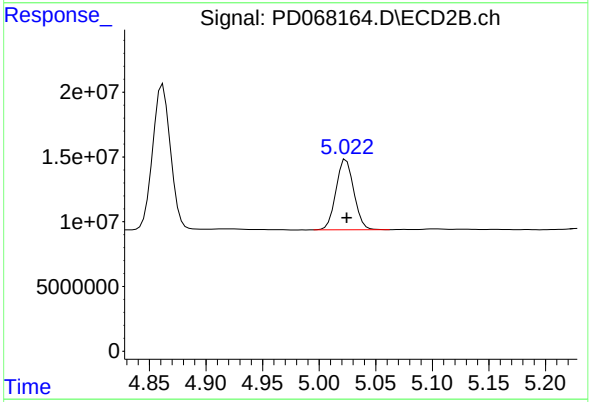
R.T.: 5.678 min
Delta R.T.: -0.024 min
Response: 345756
Conc: 0.03 ng/ml



#6 beta-BHC

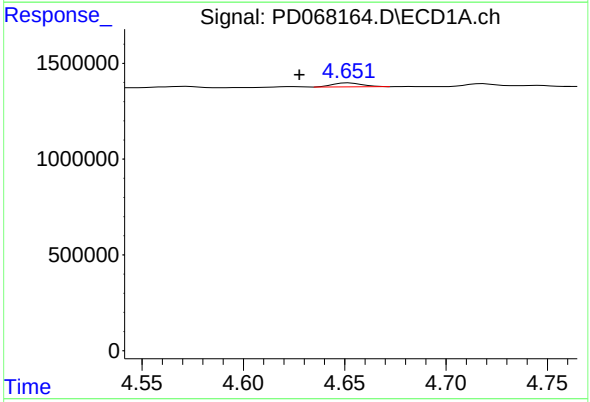
R.T.: 4.423 min
Delta R.T.: 0.000 min
Response: 9286415
Conc: 10.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



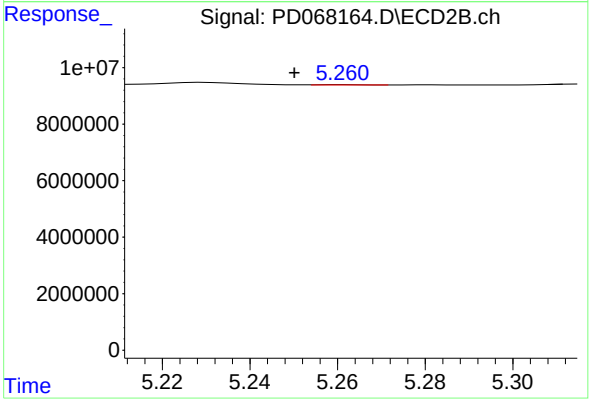
#6 beta-BHC

R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 59444991
Conc: 11.49 ng/ml



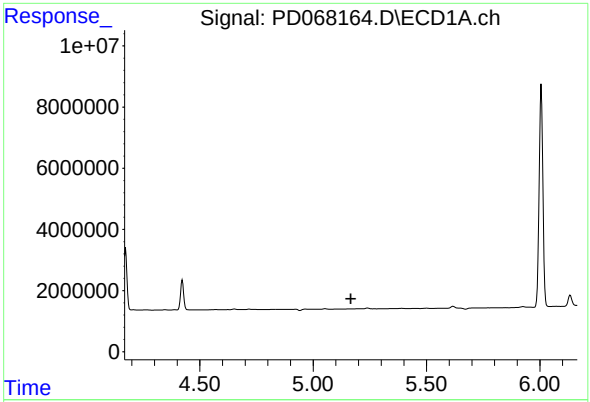
#7 delta-BHC

R.T.: 4.652 min
Delta R.T.: 0.024 min
Response: 214575
Conc: 0.10 ng/ml



#7 delta-BHC

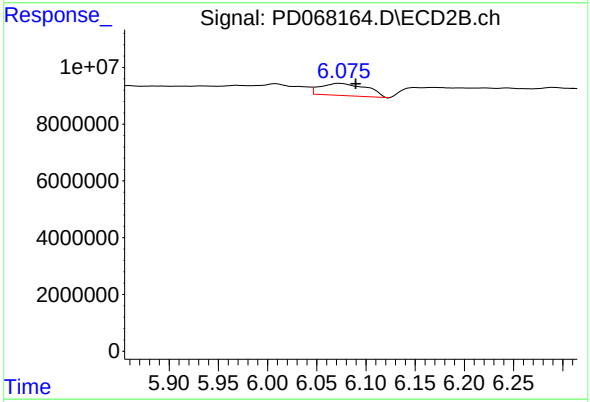
R.T.: 5.262 min
Delta R.T.: 0.012 min
Response: 67092
Conc: 0.01 ng/ml



#8 Heptachlor epoxide

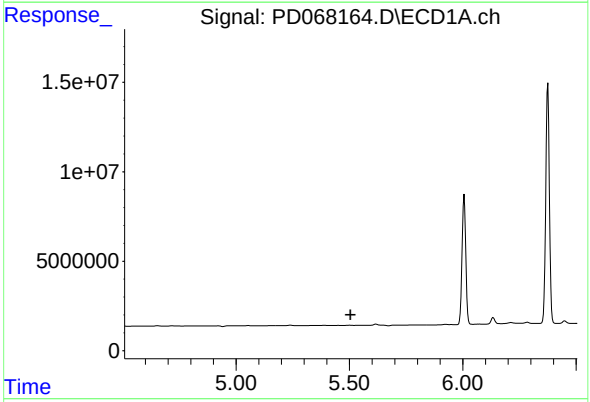
R.T.: 0.000 min
Exp R.T. : 5.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



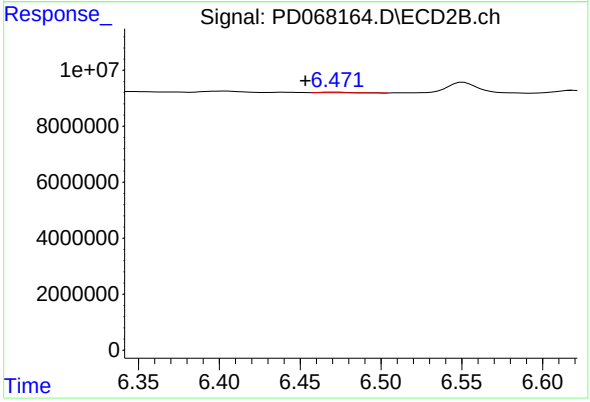
#8 Heptachlor epoxide

R.T.: 6.073 min
Delta R.T.: -0.016 min
Response: 14045252
Conc: 1.39 ng/ml



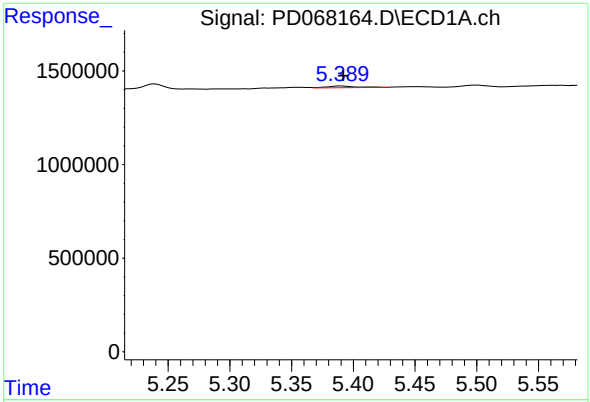
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.505 min
Response: 0
Conc: N.D.



#9 Endosulfan I

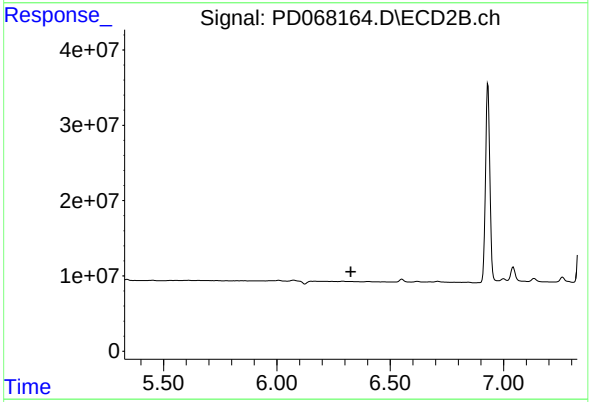
R.T.: 6.471 min
Delta R.T.: 0.018 min
Response: 293225
Conc: 0.03 ng/ml



#10 gamma-Chlordane

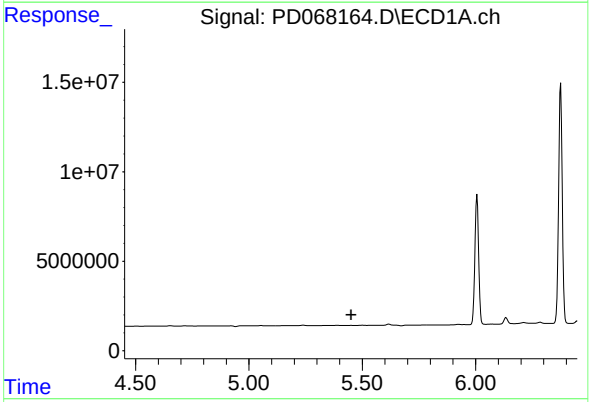
R.T.: 5.391 min
Delta R.T.: -0.001 min
Response: 142540
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



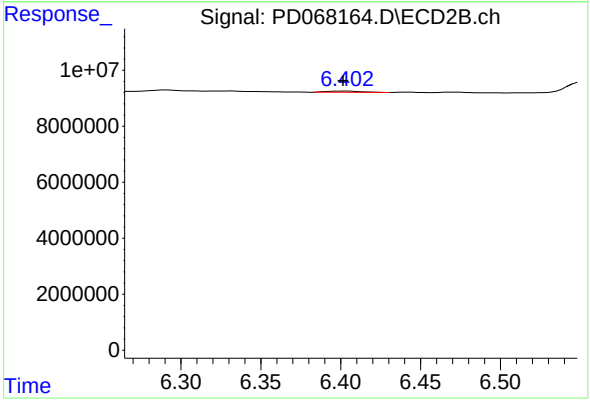
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 6.326 min
Response: 0
Conc: N.D.



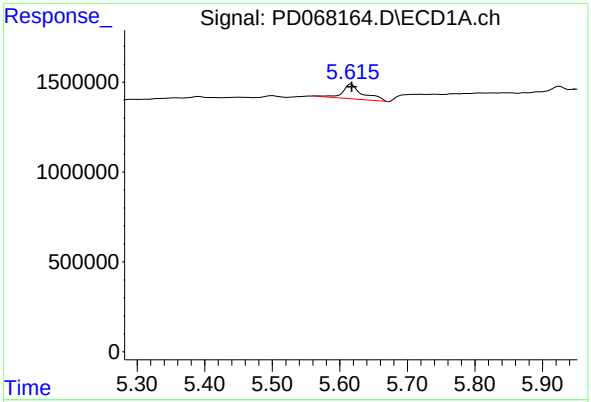
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.451 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

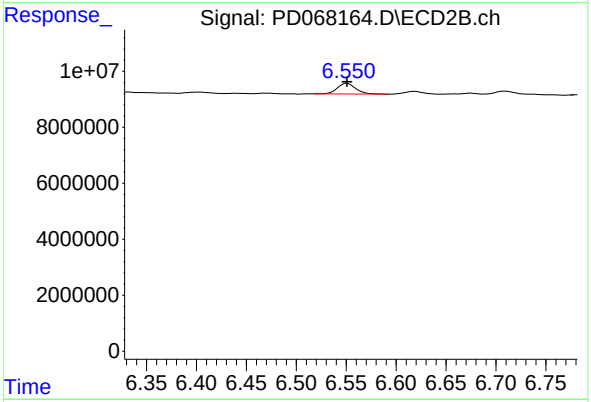
R.T.: 6.404 min
Delta R.T.: 0.002 min
Response: 656506
Conc: 0.07 ng/ml



#12 4,4'-DDE

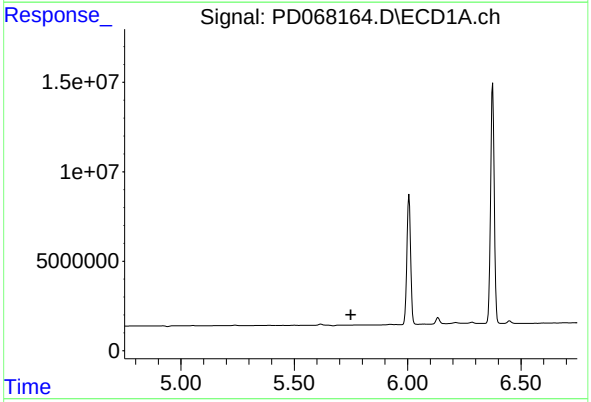
R.T.: 5.617 min
Delta R.T.: 0.000 min
Response: 1692436
Conc: 0.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



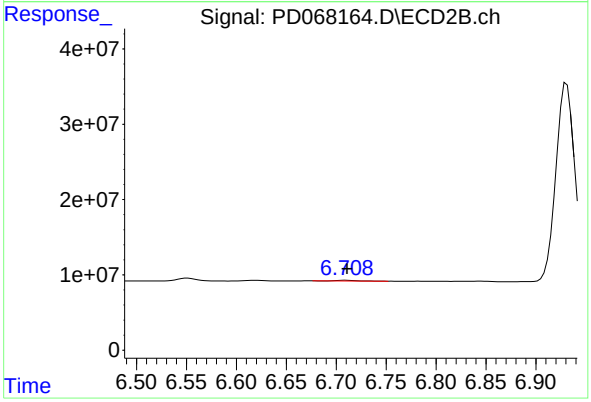
#12 4,4'-DDE

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 4958124
Conc: 0.55 ng/ml



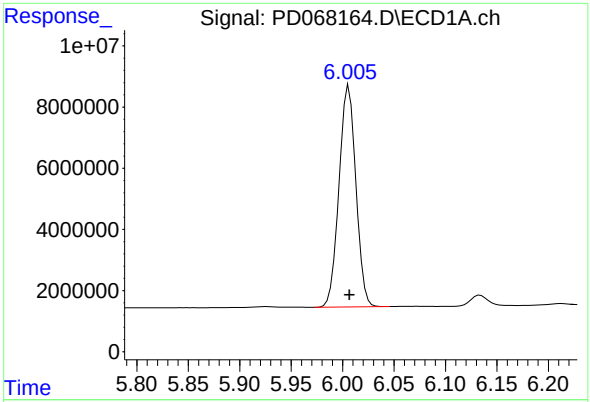
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.749 min
Response: 0
Conc: N.D.



#13 Dieldrin

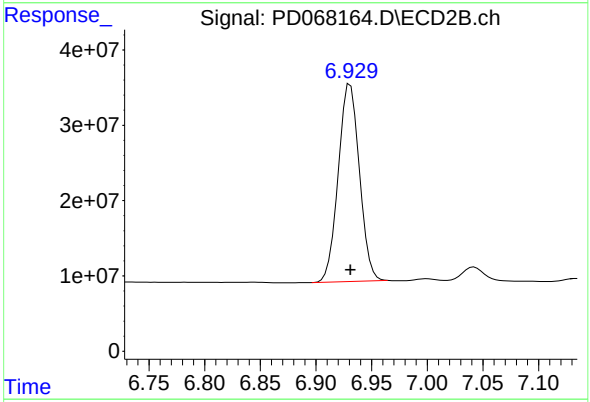
R.T.: 6.709 min
Delta R.T.: -0.002 min
Response: 1165889
Conc: 0.12 ng/ml



#14 Endrin

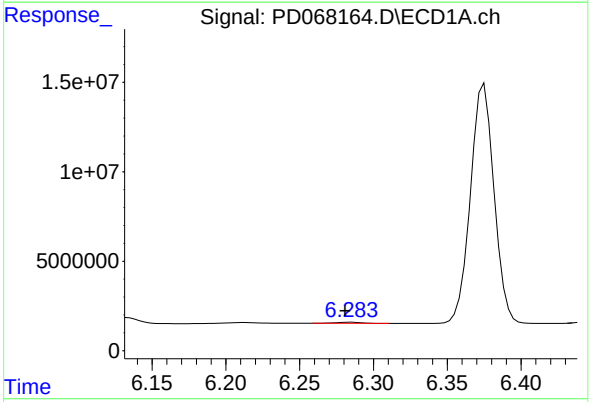
R.T.: 6.006 min
Delta R.T.: 0.000 min
Response: 82674319
Conc: 50.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



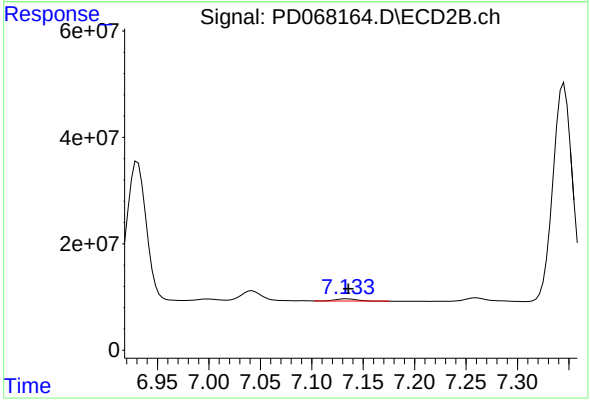
#14 Endrin

R.T.: 6.931 min
Delta R.T.: 0.000 min
Response: 347435872
Conc: 48.48 ng/ml



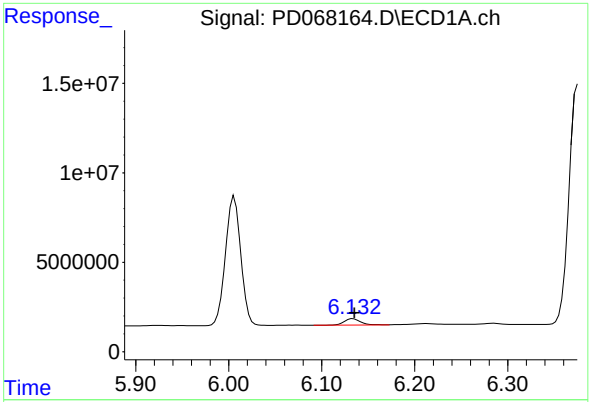
#15 Endosulfan II

R.T.: 6.285 min
Delta R.T.: 0.004 min
Response: 746783
Conc: 0.44 ng/ml



#15 Endosulfan II

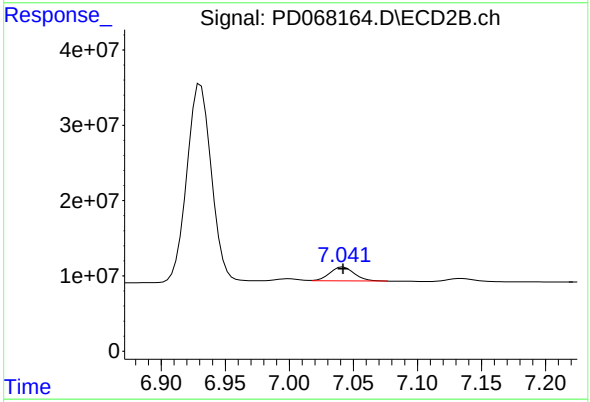
R.T.: 7.134 min
Delta R.T.: -0.002 min
Response: 5895113
Conc: 0.77 ng/ml



#16 4,4'-DDD

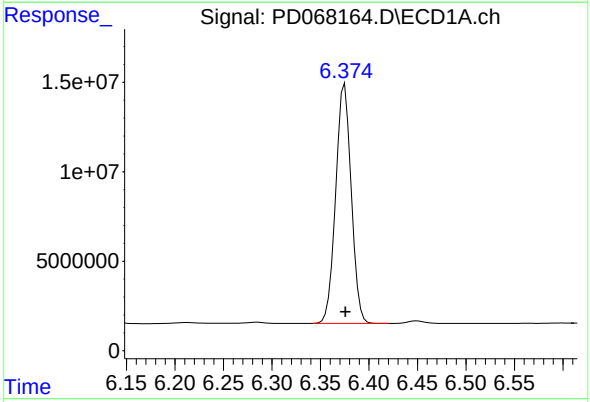
R.T.: 6.134 min
Delta R.T.: -0.001 min
Response: 4337104
Conc: 2.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



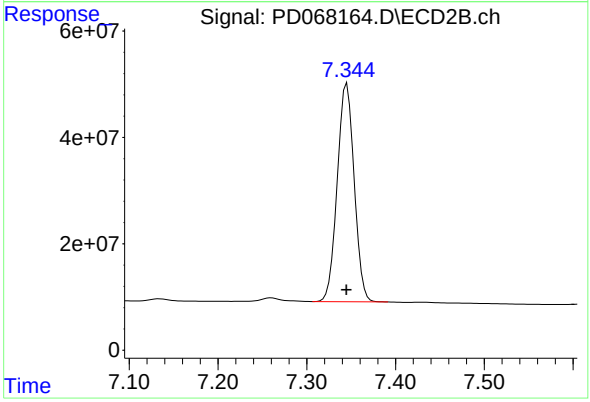
#16 4,4'-DDD

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 24250992
Conc: 3.46 ng/ml



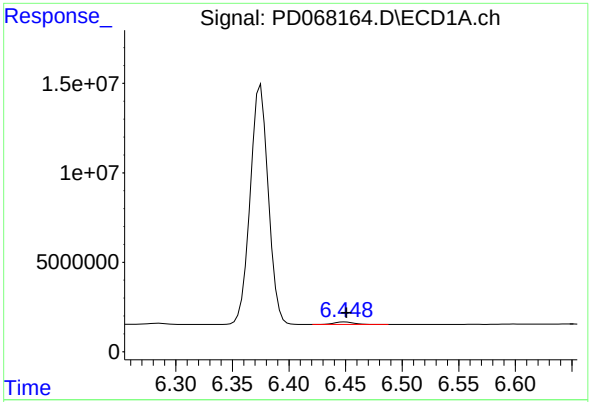
#17 4,4'-DDT

R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 148928643
Conc: 108.25 ng/ml



#17 4,4'-DDT

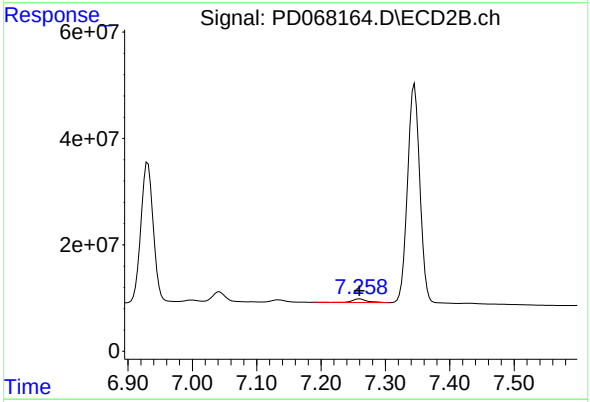
R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 544752416
Conc: 96.08 ng/ml



#18 Endrin aldehyde

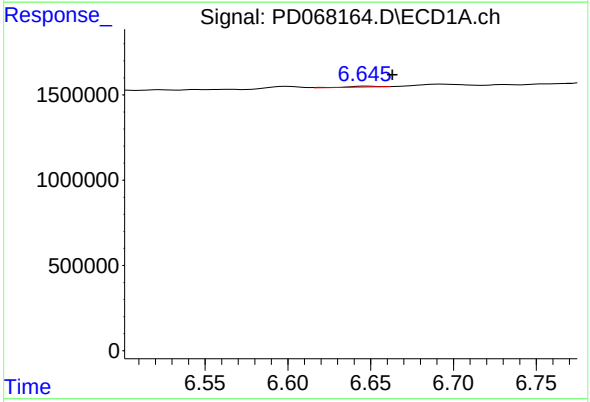
R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 1747145
Conc: 1.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



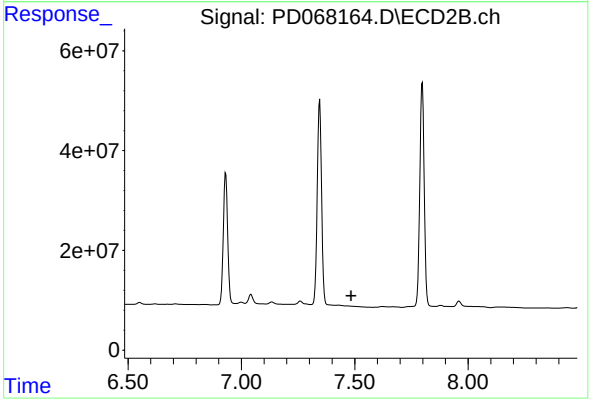
#18 Endrin aldehyde

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 10912643
Conc: 2.11 ng/ml



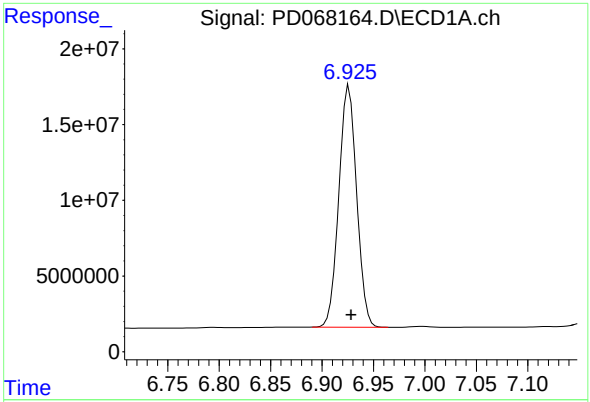
#19 Endosulfan Sulfate

R.T.: 6.646 min
Delta R.T.: -0.017 min
Response: 63972
Conc: 0.04 ng/ml



#19 Endosulfan Sulfate

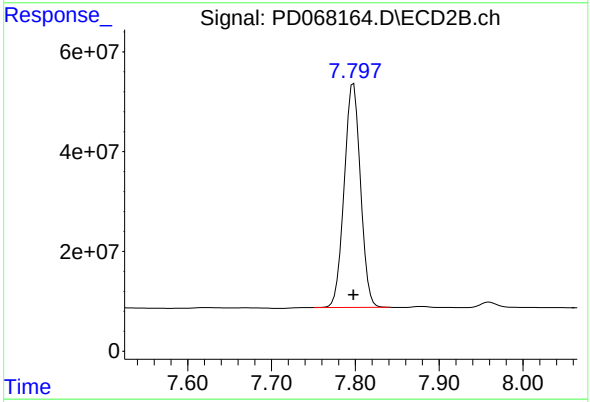
R.T.: 0.000 min
Exp R.T. : 7.484 min
Response: 0
Conc: N.D.



#20 Methoxychlor

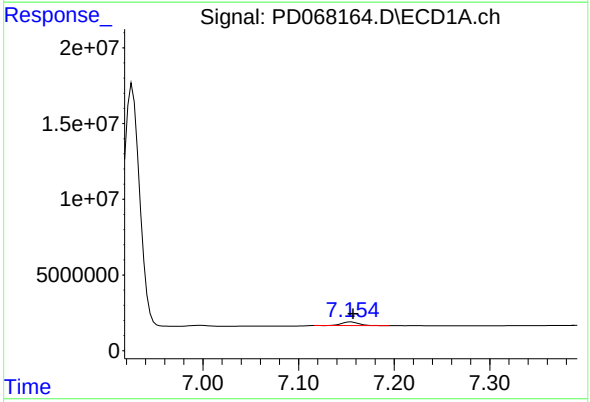
R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 192337842
Conc: 247.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



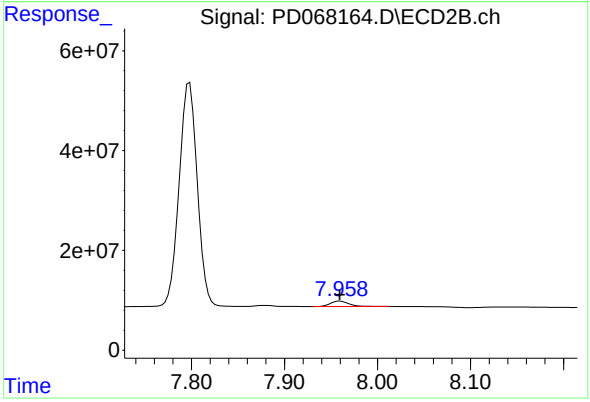
#20 Methoxychlor

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 607575041
Conc: 224.49 ng/ml



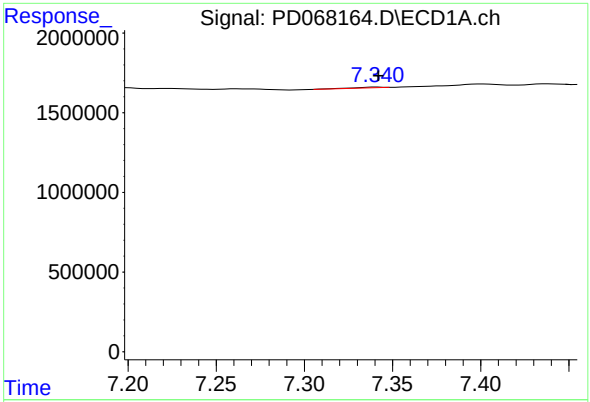
#21 Endrin ketone

R.T.: 7.155 min
Delta R.T.: -0.002 min
Response: 2902818
Conc: 1.62 ng/ml



#21 Endrin ketone

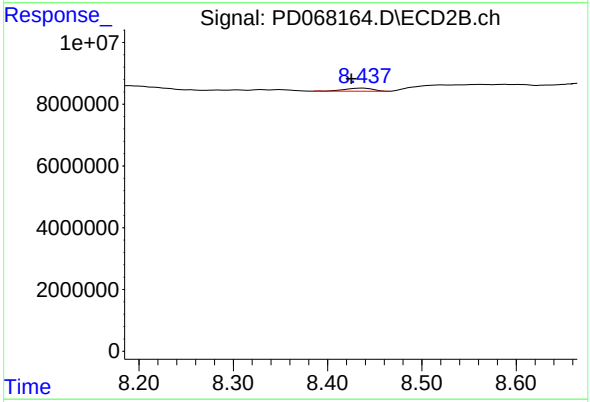
R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 15258230
Conc: 2.12 ng/ml



#22 Mirex

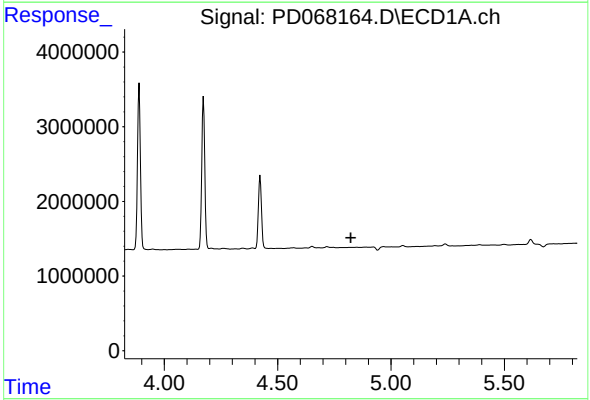
R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 43844
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



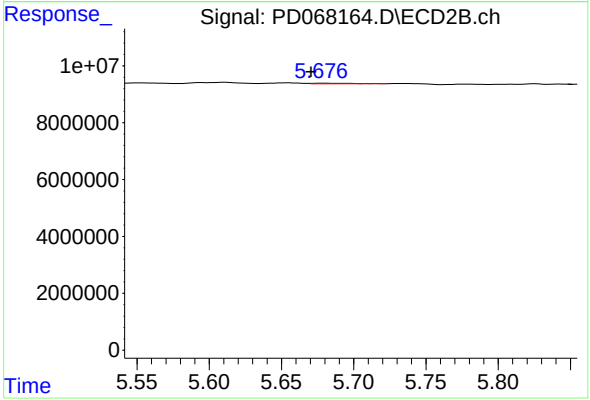
#22 Mirex

R.T.: 8.437 min
Delta R.T.: 0.012 min
Response: 2095649
Conc: 0.42 ng/ml



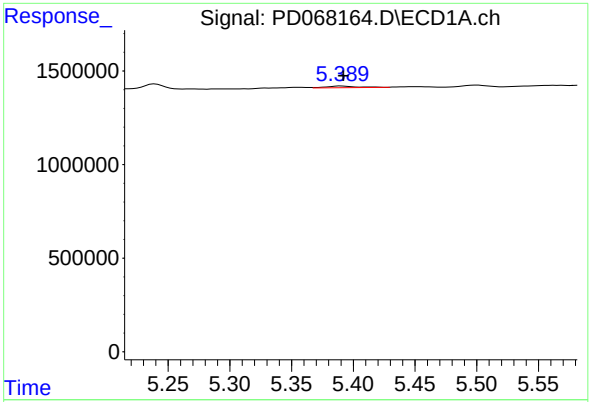
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.823 min
Response: 0
Conc: N.D.



#24 Chlordane-2

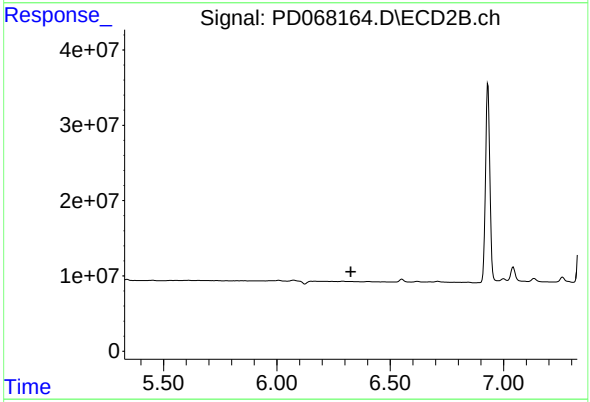
R.T.: 5.678 min
Delta R.T.: 0.007 min
Response: 345756
Conc: 0.84 ng/ml



#25 Chlordane-3

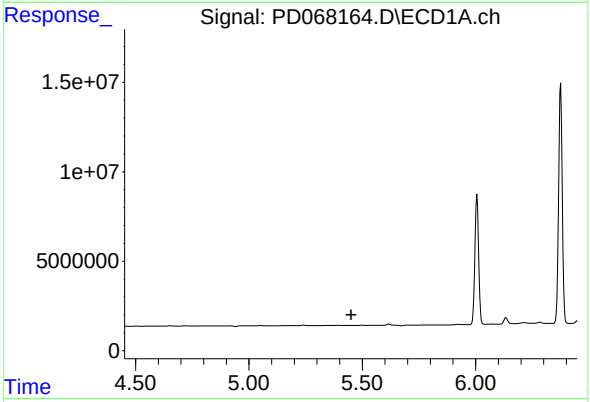
R.T.: 5.391 min
Delta R.T.: -0.001 min
Response: 142540
Conc: 0.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



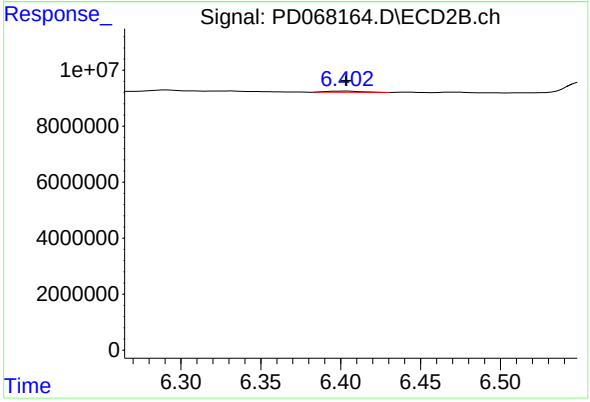
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 6.326 min
Response: 0
Conc: N.D.



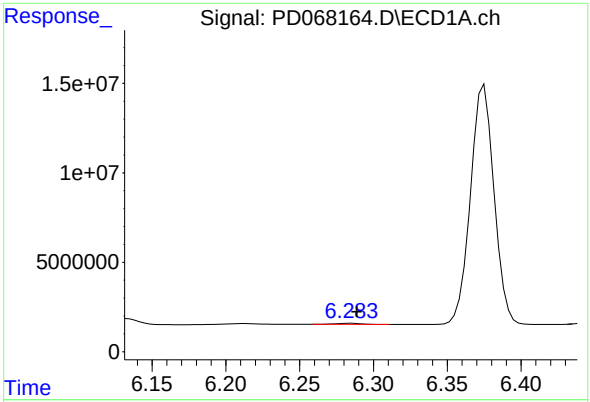
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.451 min
Response: 0
Conc: N.D.



#26 Chlordane-4

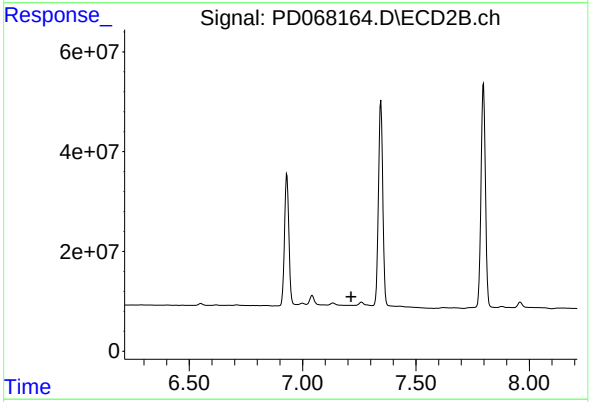
R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 656506
Conc: 0.39 ng/ml



#27 Chlordane-5

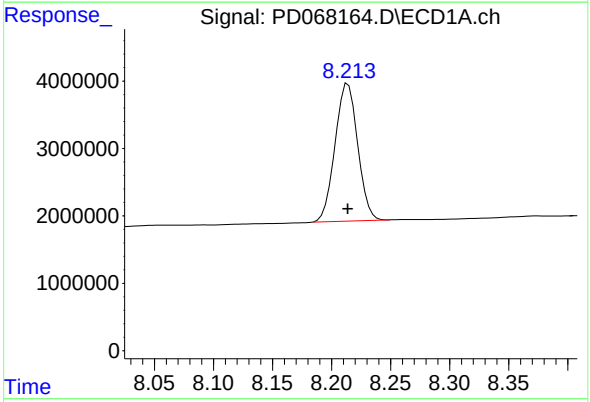
R.T.: 6.285 min
Delta R.T.: -0.004 min
Response: 746783
Conc: 11.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



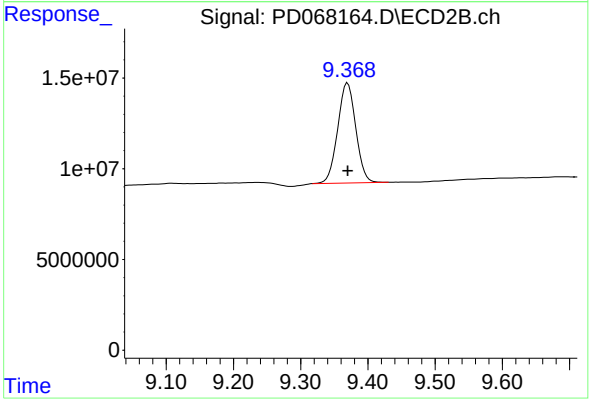
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.215 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.214 min
Delta R.T.: 0.000 min
Response: 27240500
Conc: 19.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.370 min
Delta R.T.: 0.000 min
Response: 102791642
Conc: 20.65 ng/ml