

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030422\
 Data File : PD068299.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Mar 2022 10:25
 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: Mar 04 01:05:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030122.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 06:48:49 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...	3.449	4.176	22075780	181.1E6	18.832	18.867
2)	SA Decachlor...	8.211	9.373	23982741	119.5E6	20.609	20.148
Target Compounds							
2)	A alpha-BHC	3.889	4.572	15888667	130.2E6	9.260	9.490
3)	MA gamma-BHC...	4.172	4.863	14704199	121.5E6	9.234	9.800
4)	MA Heptachlor	0.000	5.392	0	182772	N.D.	0.016 #
6)	B beta-BHC	4.422	5.025	8206277	54207436	11.696	10.028
7)	B delta-BHC	0.000	5.224f	0	33558300	N.D.	2.698 #
8)	B Heptachlo...	0.000	6.073f	0	2880712	N.D.	0.269 #
10)	B gamma-Chl...	5.394	6.339	173193	8494767	0.116	0.803 #
11)	B alpha-Chl...	5.439	6.404	78212	5013725	0.053	0.486 #
12)	B 4,4'-DDE	5.615	6.553	647437	6378358	0.475	0.652 #
13)	MA Dieldrin	0.000	6.711	0	3202681	N.D.	0.311 #
14)	MA Endrin	6.004	6.932	61105821	330.9E6	49.465	43.030
15)	B Endosulfa...	6.282	7.134	505196	7296857	0.397	0.888 #
16)	A 4,4'-DDD	6.132	7.044	2318832	13798026	1.955	1.753
17)	MA 4,4'-DDT	6.372	7.347	108.7E6	595.2E6	98.578	84.118
18)	B Endrin al...	6.447	7.262	554004	1451833	0.604	0.241 #
19)	B Endosulfa...	6.652	7.476	204198	952151	0.162	0.122
20)	A Methoxychlor	6.923	7.799	149.6E6	702.1E6	230.610	202.067
21)	B Endrin ke...	7.152	7.963	1347572	8650710	0.915	1.030
22)	Mirex	7.359f	8.426	1398641	1835431	1.103	0.287 #
23)	Chlordane-1	4.346f	5.224f	-12708	33558300	N.D.	82.861
25)	Chlordane-3	5.394	6.339	173193	8494767	1.211	5.973 #
26)	Chlordane-4	5.439	6.404	78212	5013725	0.640	3.111 #
27)	Chlordane-5	6.282	0.000	505196	0	10.256	N.D. #

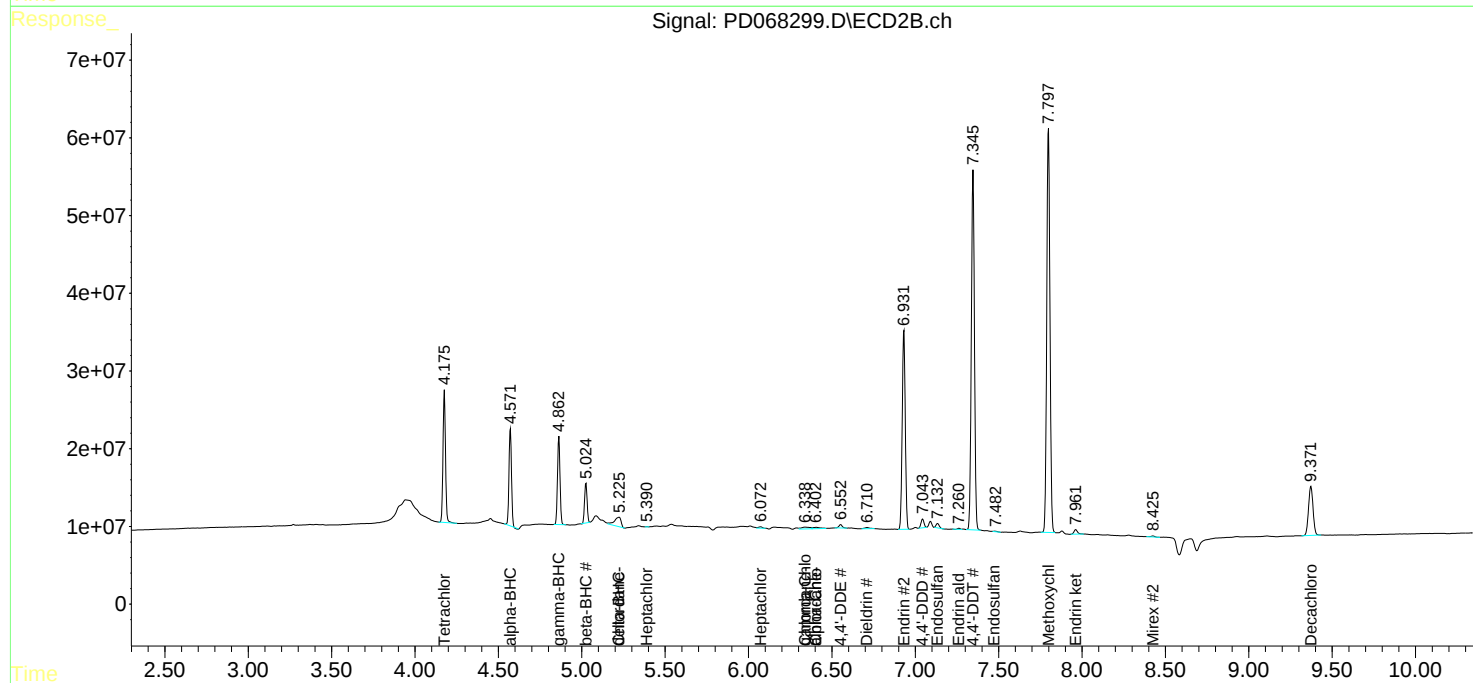
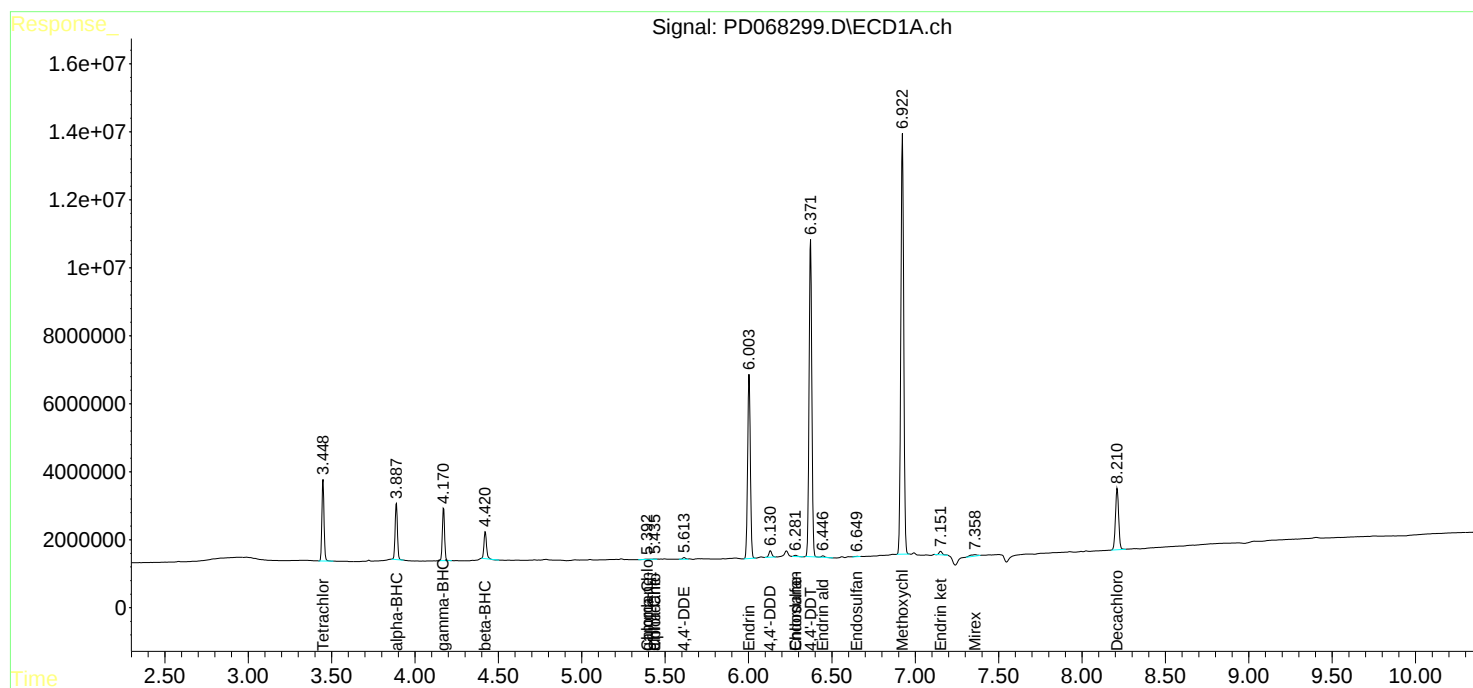
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

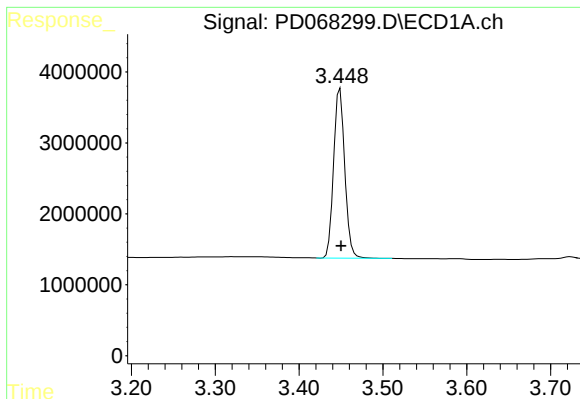
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030422\
Data File : PD068299.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Mar 2022 10:25
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 04 01:05:07 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030122.M
Quant Title : GC Extractables
QLast Update : Tue Mar 01 06:48:49 2022
Response via : Initial Calibration
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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

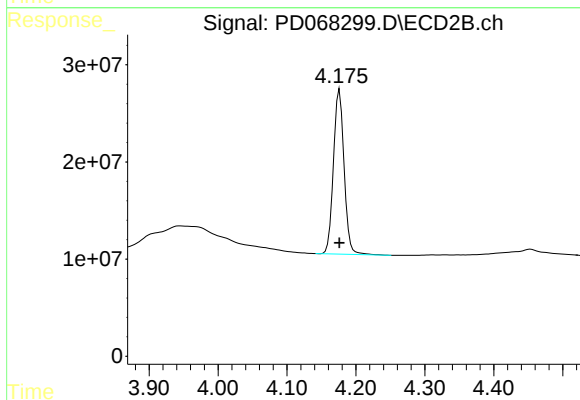




#1 Tetrachloro-m-xylene

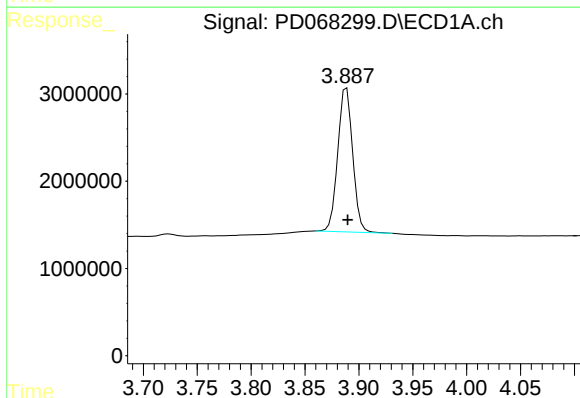
R.T.: 3.449 min
Delta R.T.: -0.001 min
Response: 22075780
Conc: 18.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



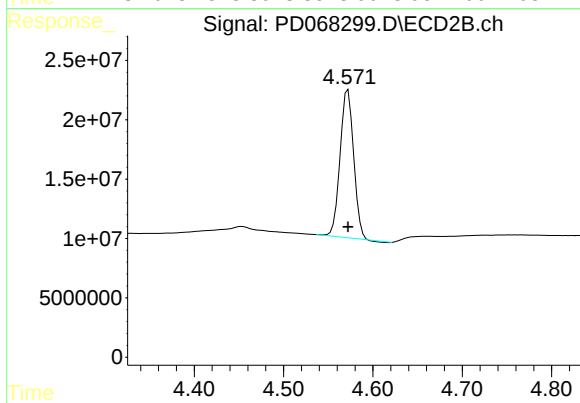
#1 Tetrachloro-m-xylene

R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 181088189
Conc: 18.87 ng/ml



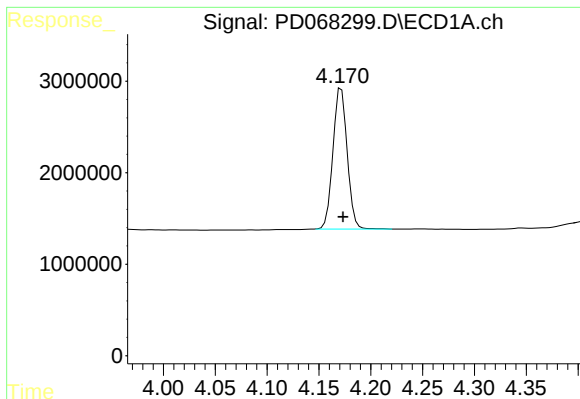
#2 alpha-BHC

R.T.: 3.889 min
Delta R.T.: 0.000 min
Response: 15888667
Conc: 9.26 ng/ml



#2 alpha-BHC

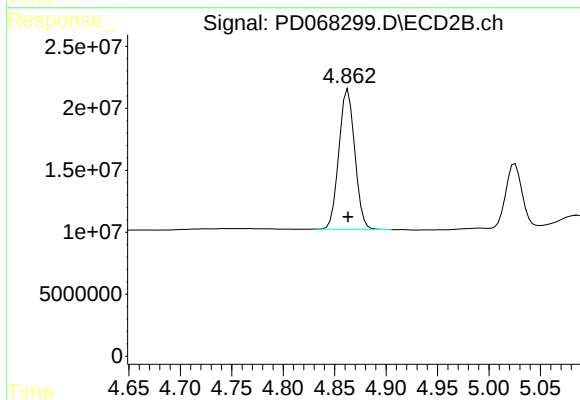
R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 130220486
Conc: 9.49 ng/ml



#3 gamma-BHC (Lindane)

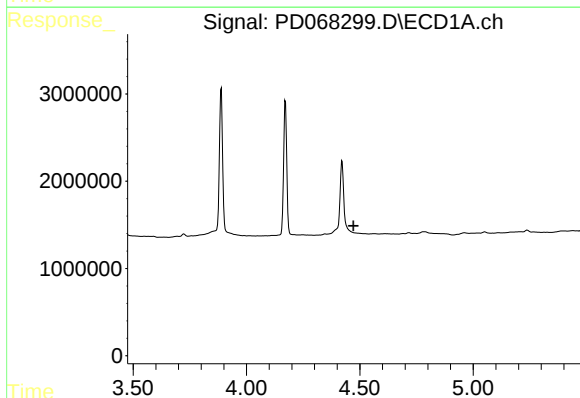
R.T.: 4.172 min
Delta R.T.: -0.002 min
Response: 14704199
Conc: 9.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



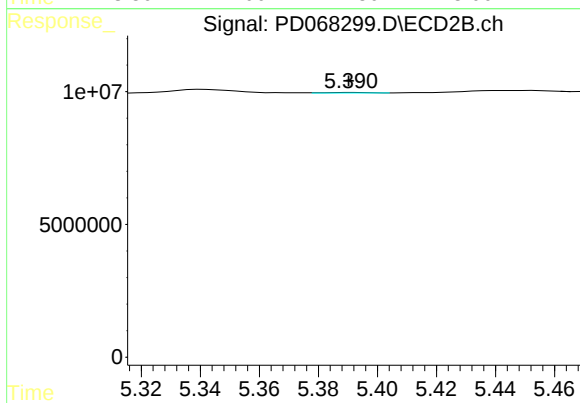
#3 gamma-BHC (Lindane)

R.T.: 4.863 min
Delta R.T.: 0.000 min
Response: 121517840
Conc: 9.80 ng/ml



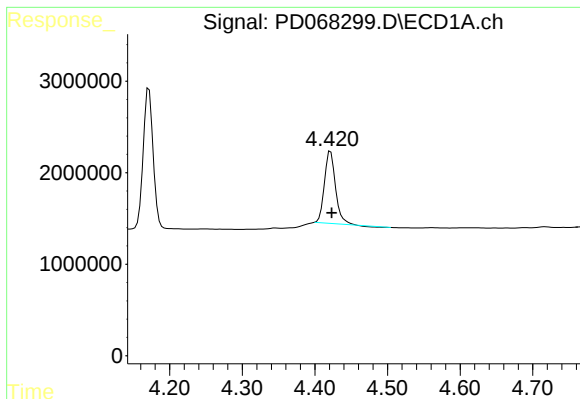
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.472 min
Response: 0
Conc: N.D.



#4 Heptachlor

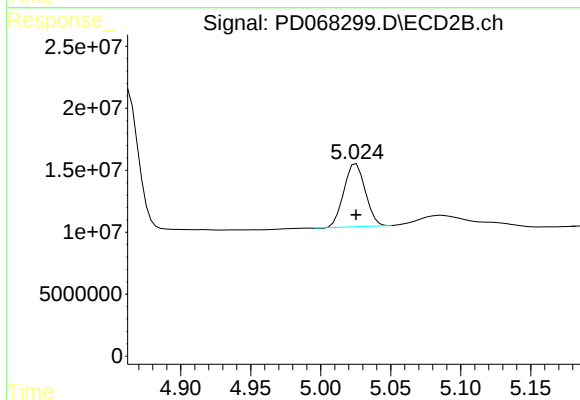
R.T.: 5.392 min
Delta R.T.: 0.002 min
Response: 182772
Conc: 0.02 ng/ml



#6 beta-BHC

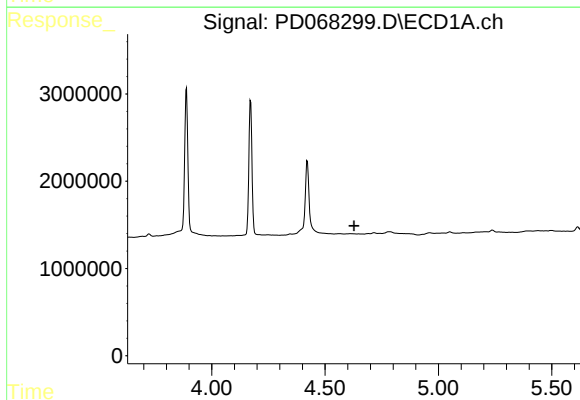
R.T.: 4.422 min
Delta R.T.: -0.002 min
Response: 8206277
Conc: 11.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



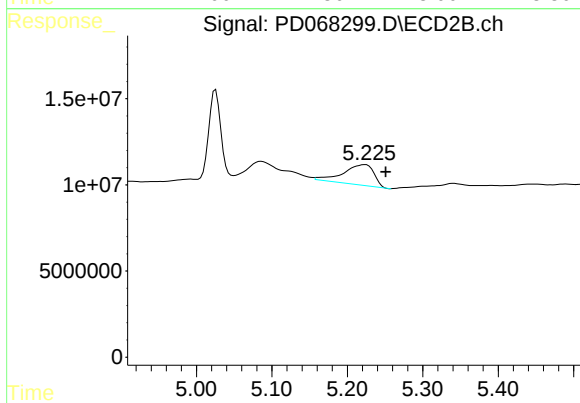
#6 beta-BHC

R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 54207436
Conc: 10.03 ng/ml



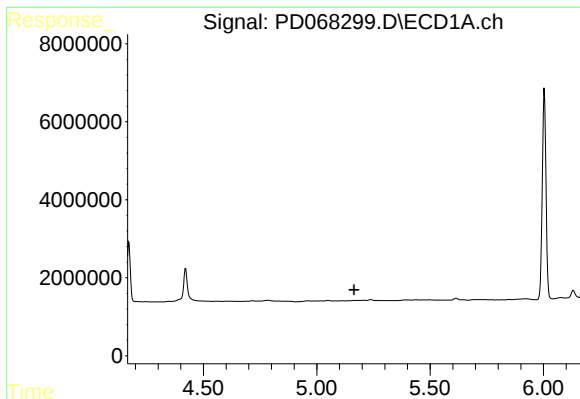
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.628 min
Response: 0
Conc: N.D.



#7 delta-BHC

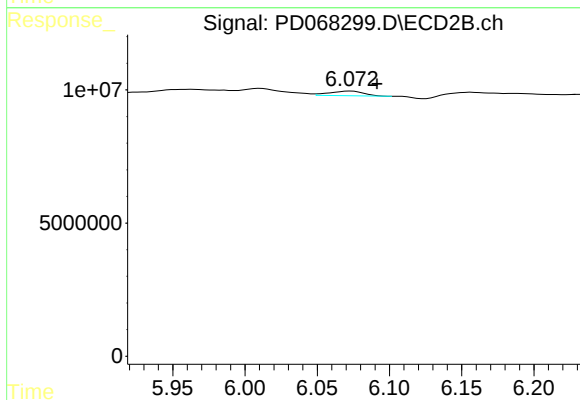
R.T.: 5.224 min
Delta R.T.: -0.027 min
Response: 33558300
Conc: 2.70 ng/ml



#8 Heptachlor epoxide

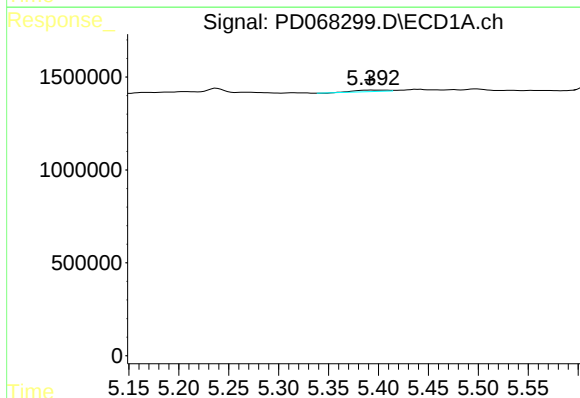
R.T.: 0.000 min
Exp R.T.: 5.165 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



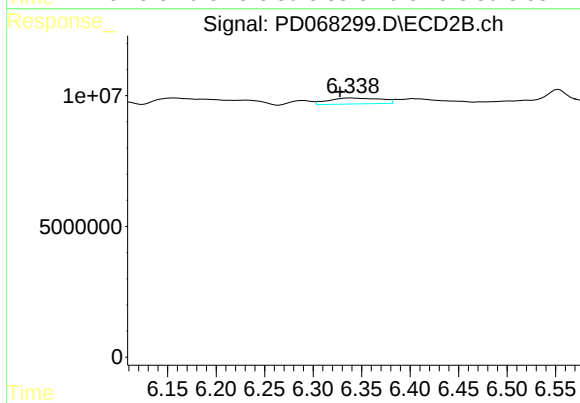
#8 Heptachlor epoxide

R.T.: 6.073 min
Delta R.T.: -0.018 min
Response: 2880712
Conc: 0.27 ng/ml



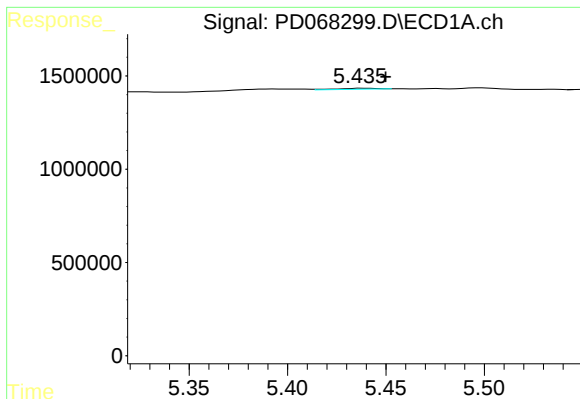
#10 gamma-Chlordane

R.T.: 5.394 min
Delta R.T.: 0.002 min
Response: 173193
Conc: 0.12 ng/ml



#10 gamma-Chlordane

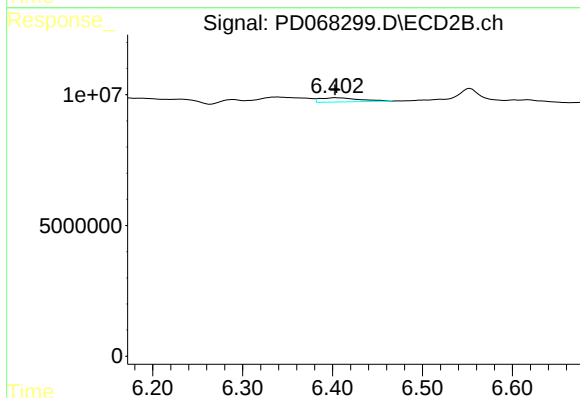
R.T.: 6.339 min
Delta R.T.: 0.012 min
Response: 8494767
Conc: 0.80 ng/ml



#11 alpha-Chlordane

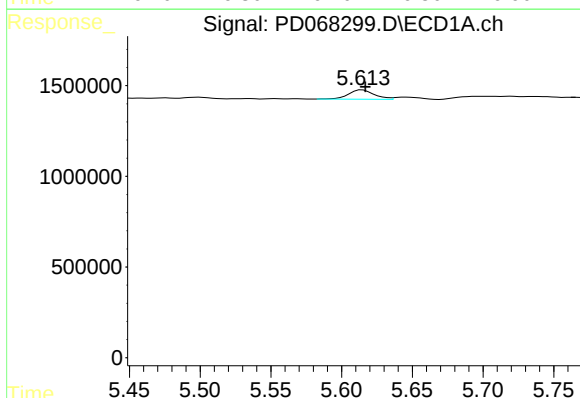
R.T.: 5.439 min
Delta R.T.: -0.011 min
Response: 78212
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



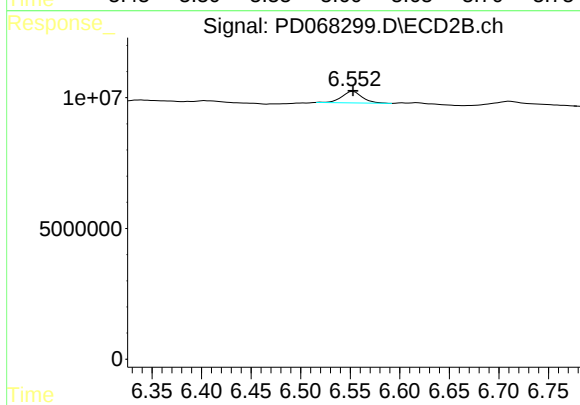
#11 alpha-Chlordane

R.T.: 6.404 min
Delta R.T.: 0.001 min
Response: 5013725
Conc: 0.49 ng/ml



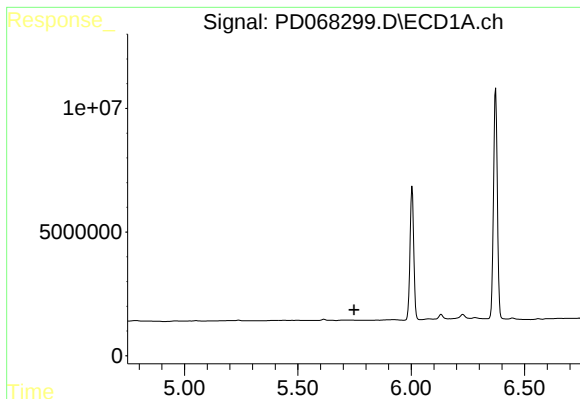
#12 4,4'-DDE

R.T.: 5.615 min
Delta R.T.: -0.002 min
Response: 647437
Conc: 0.47 ng/ml



#12 4,4'-DDE

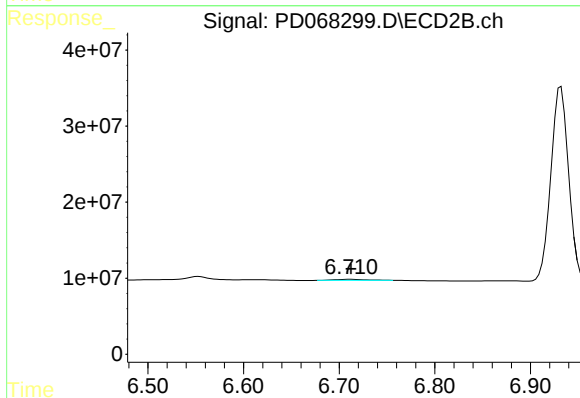
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 6378358
Conc: 0.65 ng/ml



#13 Dieldrin

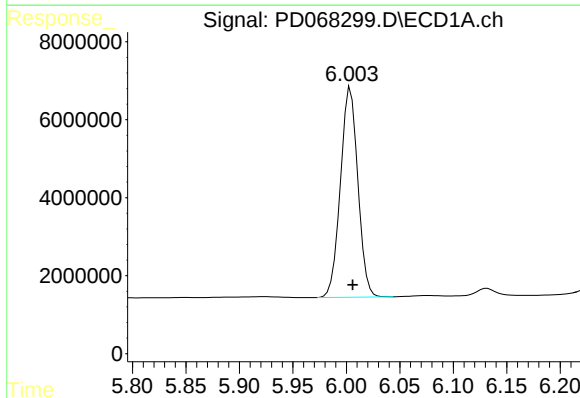
R.T.: 0.000 min
Exp R.T.: 5.748 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



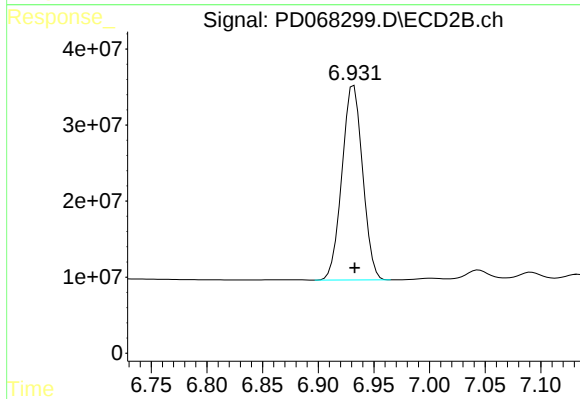
#13 Dieldrin

R.T.: 6.711 min
Delta R.T.: -0.001 min
Response: 3202681
Conc: 0.31 ng/ml



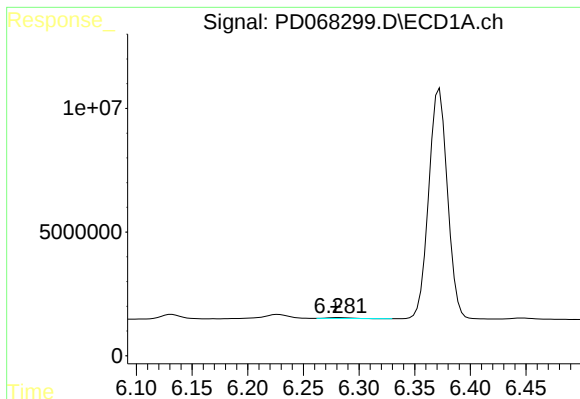
#14 Endrin

R.T.: 6.004 min
Delta R.T.: -0.002 min
Response: 61105821
Conc: 49.46 ng/ml



#14 Endrin

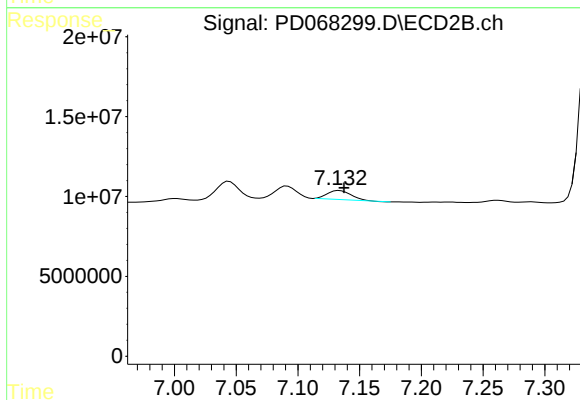
R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 330921686
Conc: 43.03 ng/ml



#15 Endosulfan II

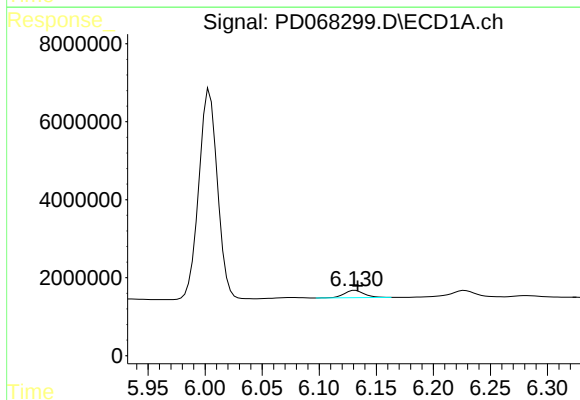
R.T.: 6.282 min
Delta R.T.: 0.003 min
Response: 505196
Conc: 0.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



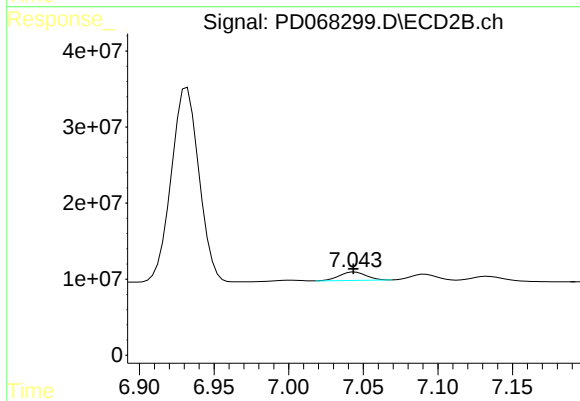
#15 Endosulfan II

R.T.: 7.134 min
Delta R.T.: -0.004 min
Response: 7296857
Conc: 0.89 ng/ml



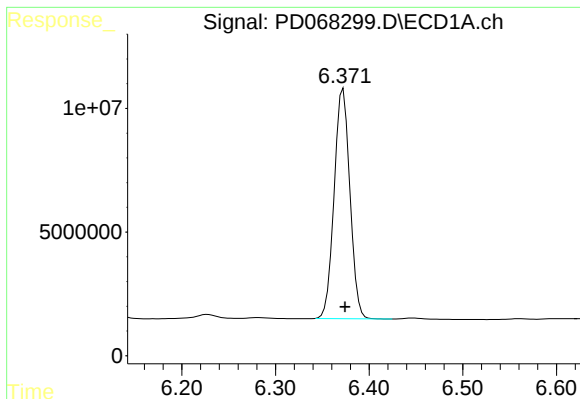
#16 4,4'-DDD

R.T.: 6.132 min
Delta R.T.: -0.002 min
Response: 2318832
Conc: 1.96 ng/ml



#16 4,4'-DDD

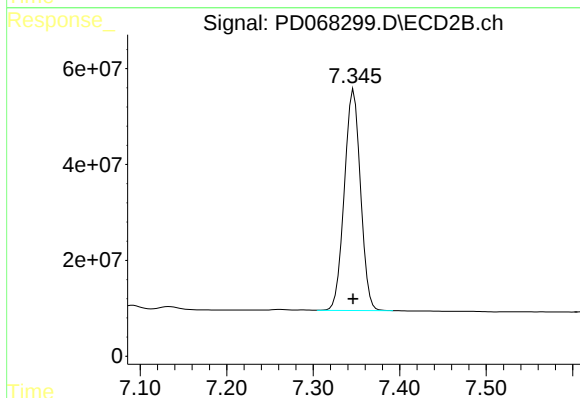
R.T.: 7.044 min
Delta R.T.: 0.001 min
Response: 13798026
Conc: 1.75 ng/ml



#17 4,4'-DDT

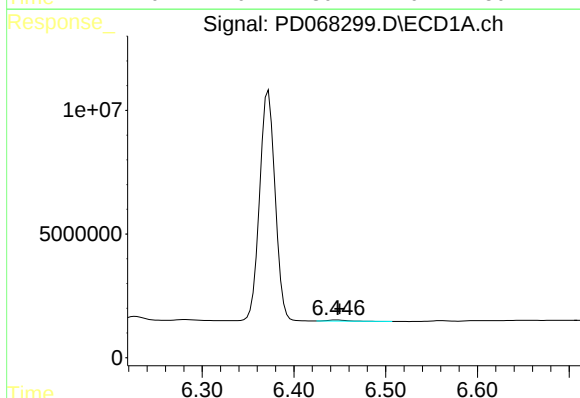
R.T.: 6.372 min
Delta R.T.: -0.002 min
Response: 108708896
Conc: 98.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



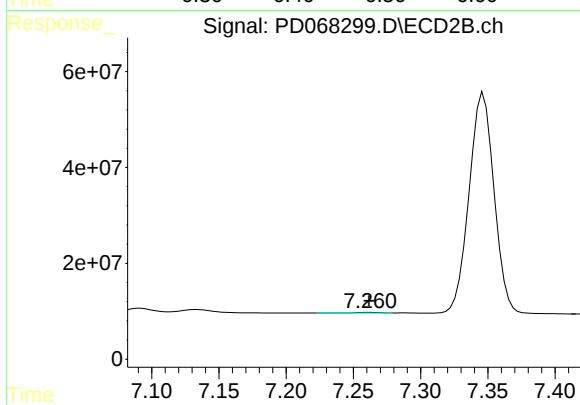
#17 4,4'-DDT

R.T.: 7.347 min
Delta R.T.: 0.000 min
Response: 595174915
Conc: 84.12 ng/ml



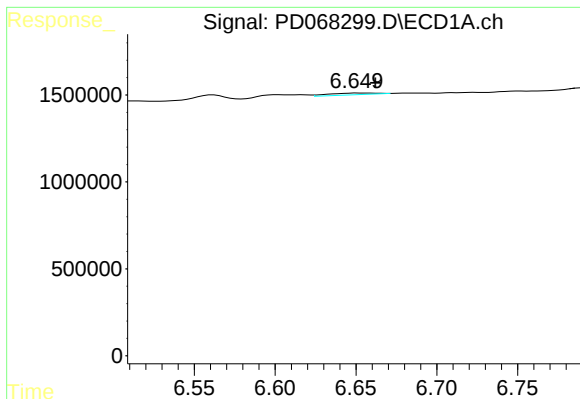
#18 Endrin aldehyde

R.T.: 6.447 min
Delta R.T.: -0.003 min
Response: 554004
Conc: 0.60 ng/ml



#18 Endrin aldehyde

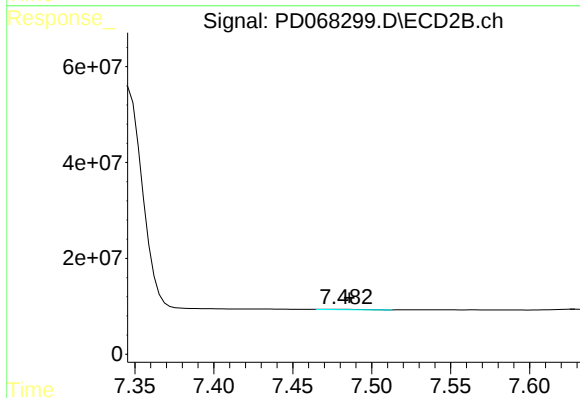
R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 1451833
Conc: 0.24 ng/ml



#19 Endosulfan Sulfate

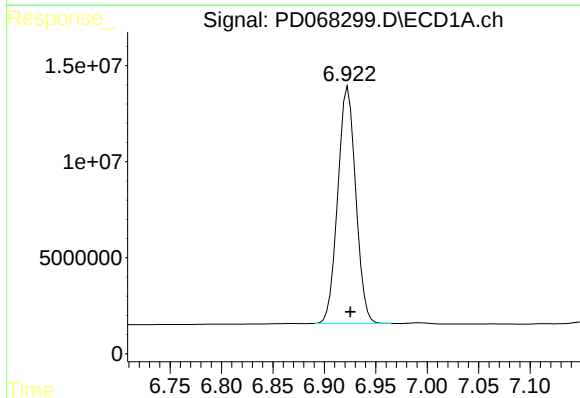
R.T.: 6.652 min
Delta R.T.: -0.010 min
Response: 204198
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



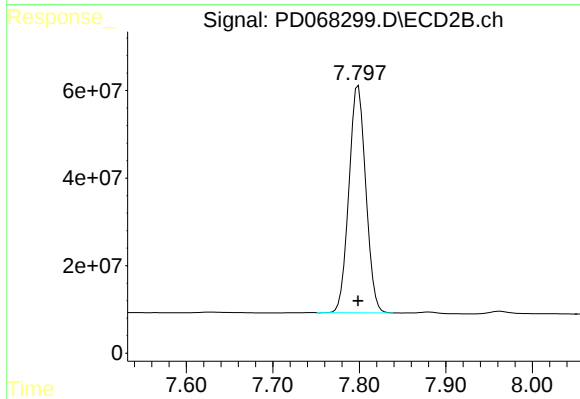
#19 Endosulfan Sulfate

R.T.: 7.476 min
Delta R.T.: -0.010 min
Response: 952151
Conc: 0.12 ng/ml



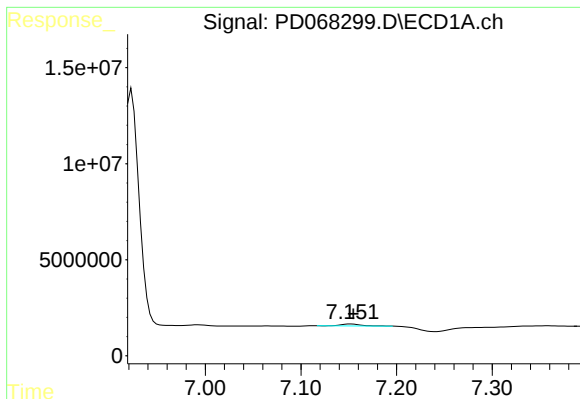
#20 Methoxychlor

R.T.: 6.923 min
Delta R.T.: -0.002 min
Response: 149642509
Conc: 230.61 ng/ml



#20 Methoxychlor

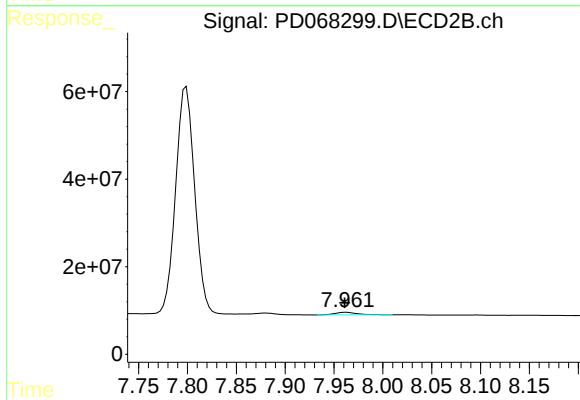
R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 702071487
Conc: 202.07 ng/ml



#21 Endrin ketone

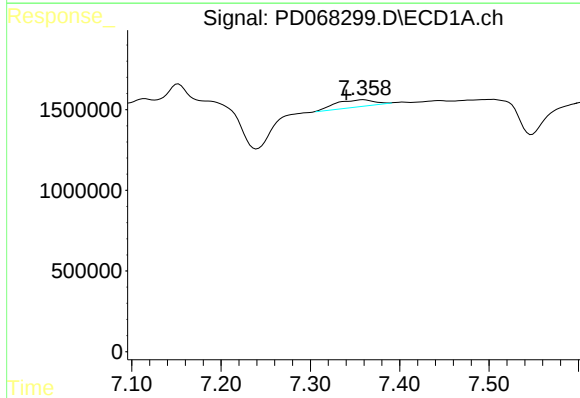
R.T.: 7.152 min
Delta R.T.: -0.002 min
Response: 1347572
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



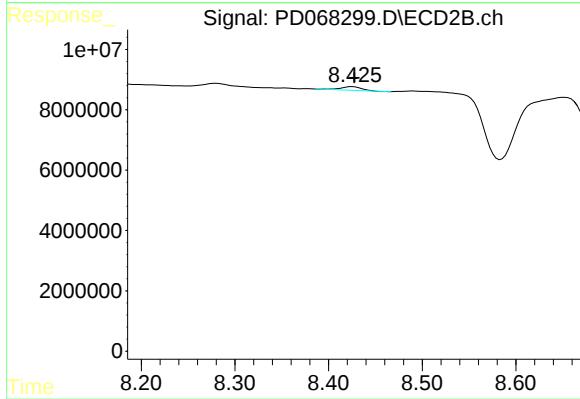
#21 Endrin ketone

R.T.: 7.963 min
Delta R.T.: 0.001 min
Response: 8650710
Conc: 1.03 ng/ml



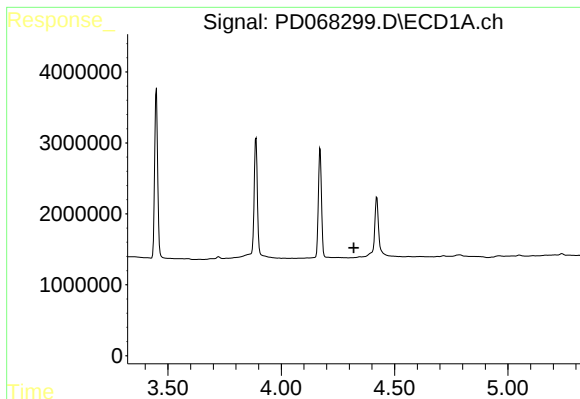
#22 Mirex

R.T.: 7.359 min
Delta R.T.: 0.019 min
Response: 1398641
Conc: 1.10 ng/ml



#22 Mirex

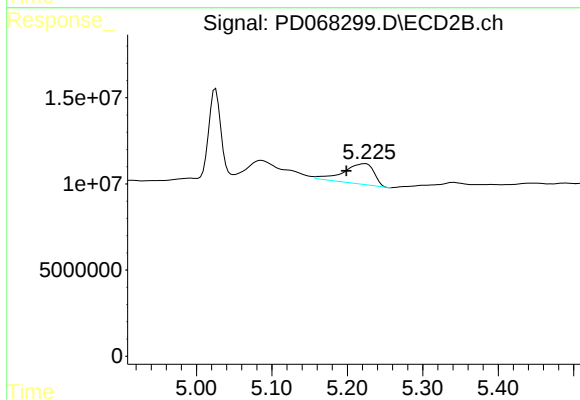
R.T.: 8.426 min
Delta R.T.: -0.002 min
Response: 1835431
Conc: 0.29 ng/ml



#23 Chlordane-1

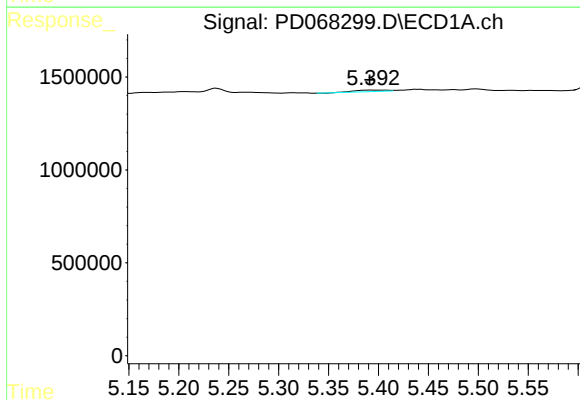
R.T.: 4.346 min
Delta R.T.: 0.026 min
Response: -12708
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



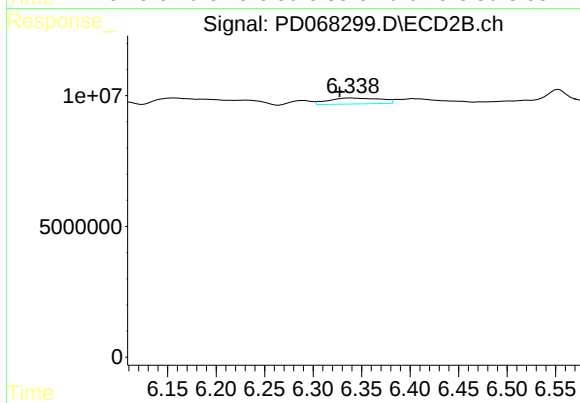
#23 Chlordane-1

R.T.: 5.224 min
Delta R.T.: 0.025 min
Response: 33558300
Conc: 82.86 ng/ml



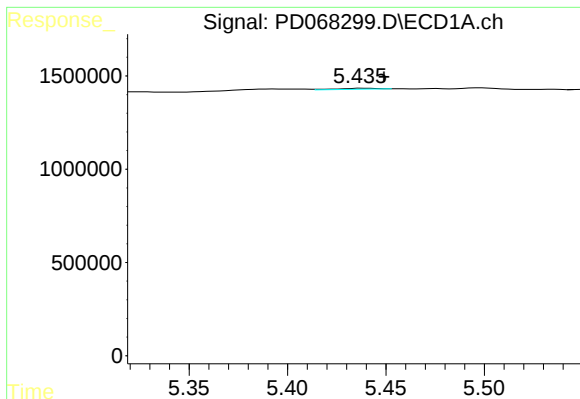
#25 Chlordane-3

R.T.: 5.394 min
Delta R.T.: 0.002 min
Response: 173193
Conc: 1.21 ng/ml



#25 Chlordane-3

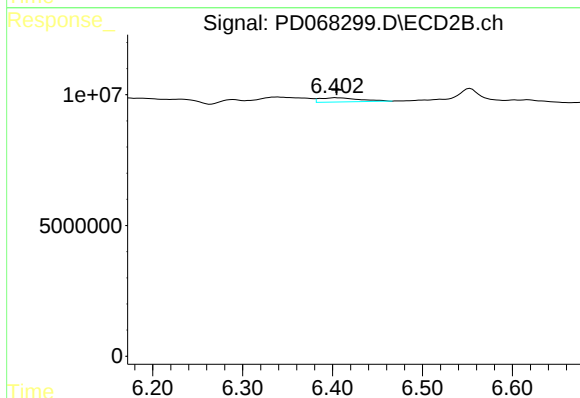
R.T.: 6.339 min
Delta R.T.: 0.012 min
Response: 8494767
Conc: 5.97 ng/ml



#26 Chlordane-4

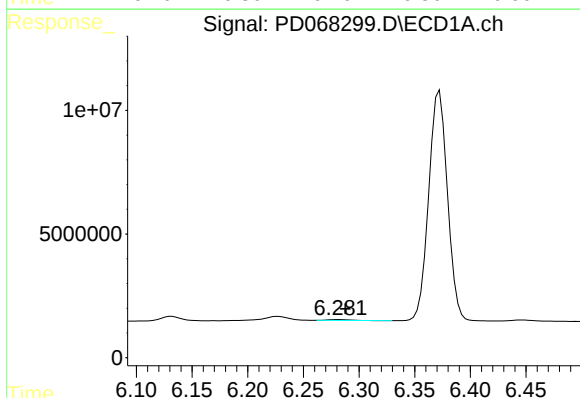
R.T.: 5.439 min
Delta R.T.: -0.010 min
Response: 78212
Conc: 0.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



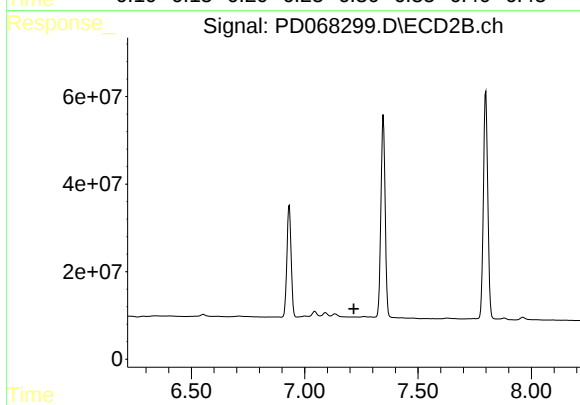
#26 Chlordane-4

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 5013725
Conc: 3.11 ng/ml



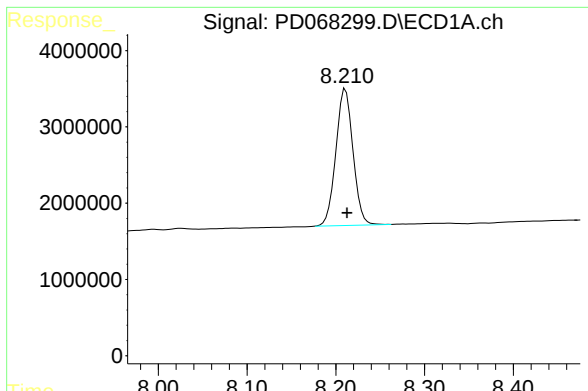
#27 Chlordane-5

R.T.: 6.282 min
Delta R.T.: -0.006 min
Response: 505196
Conc: 10.26 ng/ml



#27 Chlordane-5

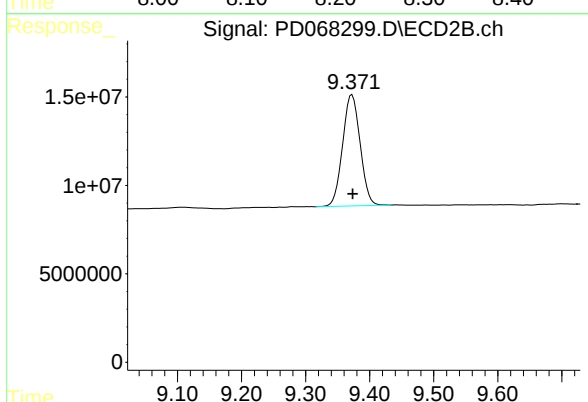
R.T.: 0.000 min
Exp R.T. : 7.216 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.211 min
Delta R.T.: -0.002 min
Response: 23982741
Conc: 20.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.373 min
Delta R.T.: -0.001 min
Response: 119452734
Conc: 20.15 ng/ml