

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030822\
 Data File : PD068399.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Mar 2022 15:58
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 09 00:03:35 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	25624102	197.4E6	21.859	20.563
28)	SA Decachlor...	8.211	9.372	27109069	123.5E6	23.295	20.828
Target Compounds							
2)	A alpha-BHC	3.889	4.571	18216087	145.4E6	10.616	10.593
3)	MA gamma-BHC...	4.172	4.862	17027726	132.8E6	10.693	10.713
5)	MB Aldrin	4.717	5.696	150780	116188	0.096	0.010 #
6)	B beta-BHC	4.423	5.024	8599396	62225714	12.256	11.512
7)	B delta-BHC	0.000	5.229f	0	1979246	N.D.	0.159 #
8)	B Heptachlo...	0.000	6.076f	0	88875786	N.D.	8.292 #
9)	A Endosulfan I	0.000	6.465	0	2648879	N.D.	0.275 #
10)	B gamma-Chl...	5.387	6.335	164760	11273499	0.111	1.066 #
11)	B alpha-Chl...	0.000	6.403	0	12274698	N.D.	1.191 #
12)	B 4,4'-DDE	5.614	6.551	3988258	4374820	2.924	0.447 #
13)	MA Dieldrin	0.000	6.711	0	2083142	N.D.	0.202 #
14)	MA Endrin	6.004	6.930	70493656	327.1E6	57.064	42.527 #
15)	B Endosulfa...	6.282	7.135	183622	6715575	0.144	0.817 #
16)	A 4,4'-DDD	6.132	7.043	5371504	37395101	4.529	4.752
17)	MA 4,4'-DDT	6.373	7.345	126.7E6	644.8E6	114.922	91.131
18)	B Endrin al...	6.448	7.261	1490950	10615599	1.627	1.764
19)	B Endosulfa...	6.645f	0.000	113489	0	0.090	N.D. #
20)	A Methoxychlor	6.924	7.798	165.3E6	751.6E6	254.772	216.325
21)	B Endrin ke...	7.153	7.961	2888026	21185299	1.962	2.524 #
22)	Mirex	0.000	8.447f	0	368400	N.D.	0.058 #
23)	Chlordane-1	4.346f	5.229f	107390	1979246	2.462	4.887 #
24)	Chlordane-2	0.000	5.696f	0	116188	N.D.	0.289 #
25)	Chlordane-3	5.387	6.335	164760	11273499	1.152	7.927 #
26)	Chlordane-4	0.000	6.403	0	12274698	N.D.	7.616 #
27)	Chlordane-5	6.282	0.000	183622	0	3.728	N.D. #

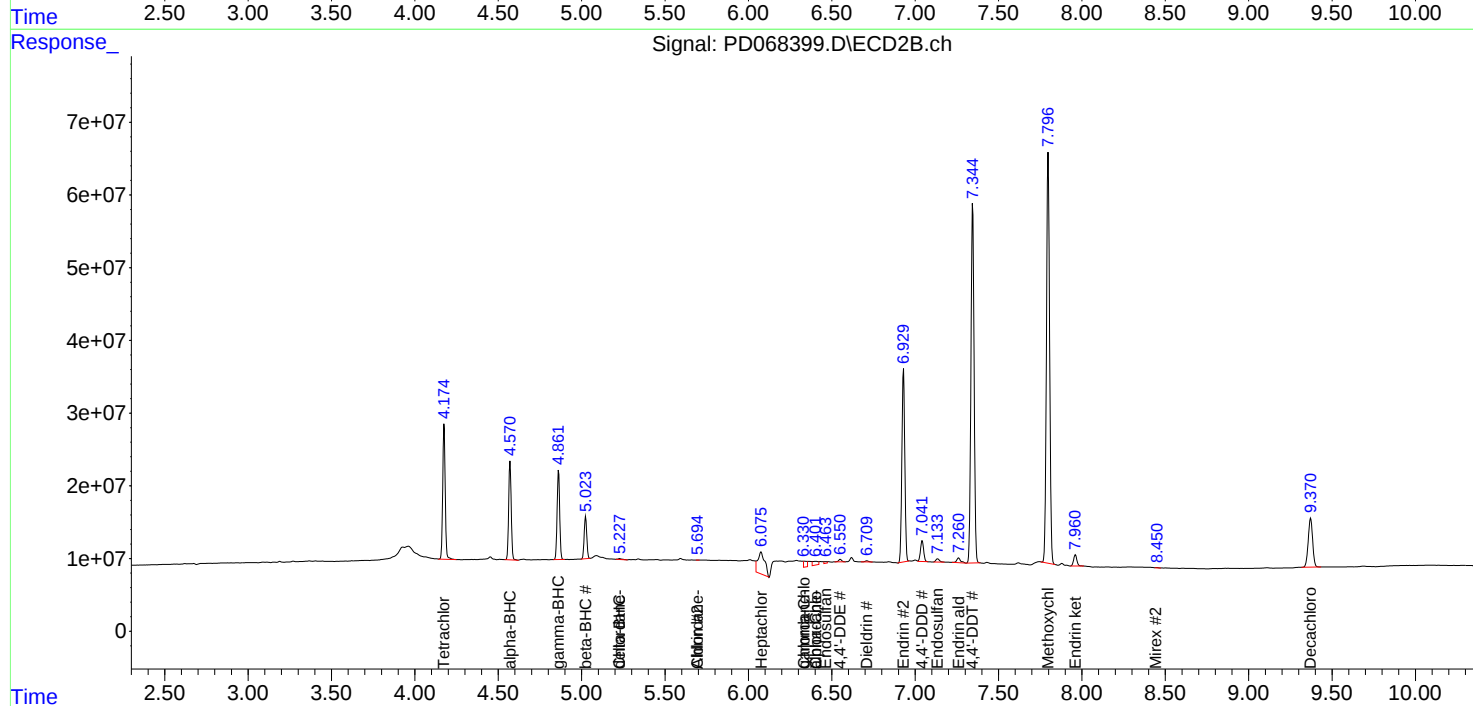
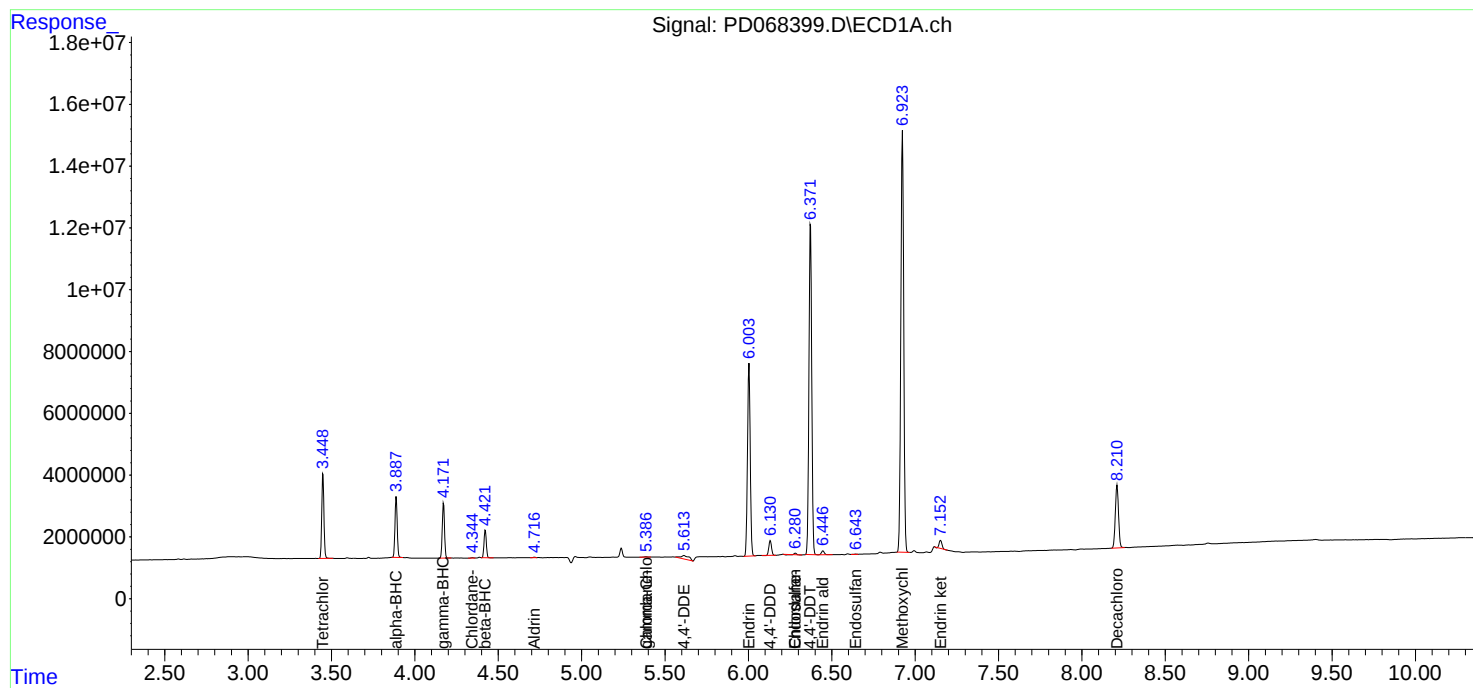
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

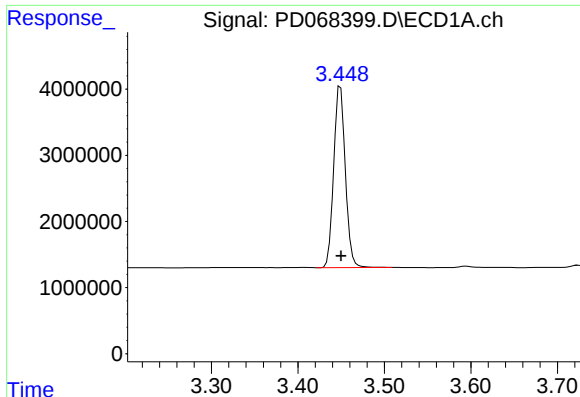
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030822\
Data File : PD068399.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Mar 2022 15:58
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 09 00:03:35 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

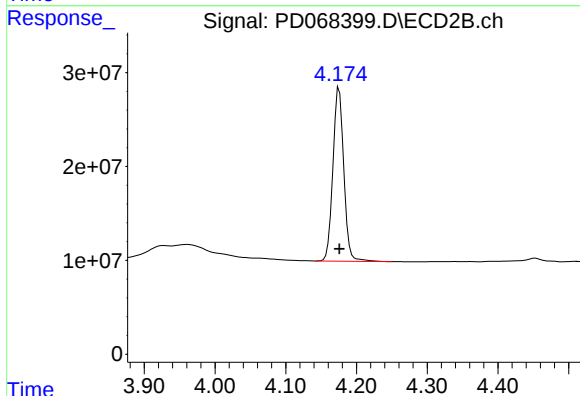




#1 Tetrachloro-m-xylene

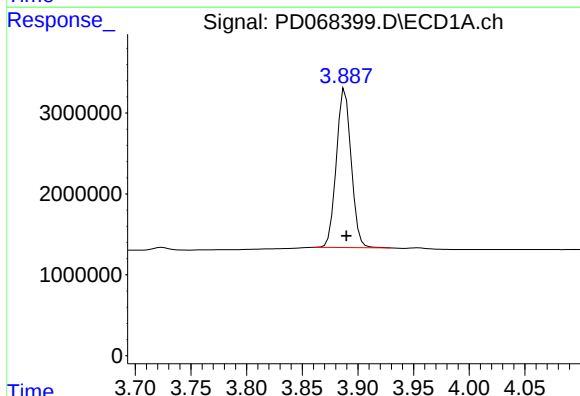
R.T.: 3.449 min
Delta R.T.: 0.000 min
Response: 25624102
Conc: 21.86 ng/ml

Instrument :
ECD_D
ClientSampleId :



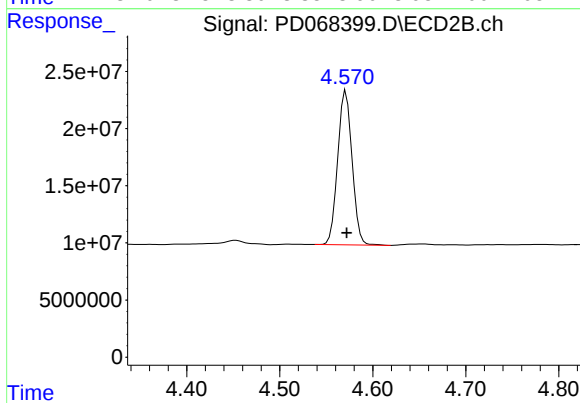
#1 Tetrachloro-m-xylene

R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 197366847
Conc: 20.56 ng/ml



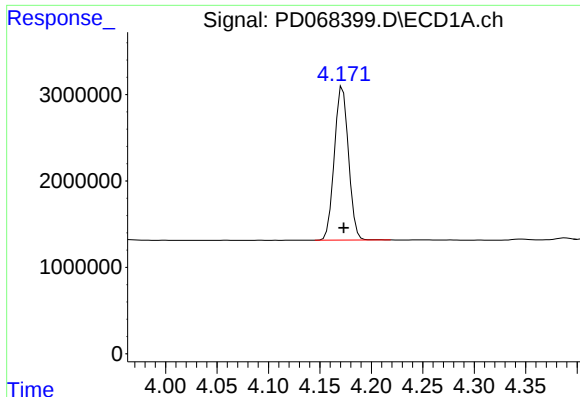
#2 alpha-BHC

R.T.: 3.889 min
Delta R.T.: -0.001 min
Response: 18216087
Conc: 10.62 ng/ml



#2 alpha-BHC

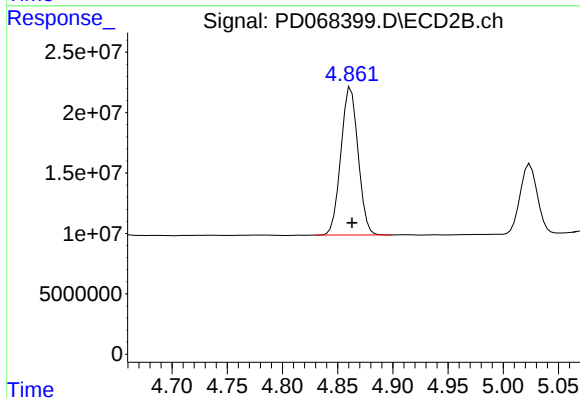
R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 145356368
Conc: 10.59 ng/ml



#3 gamma-BHC (Lindane)

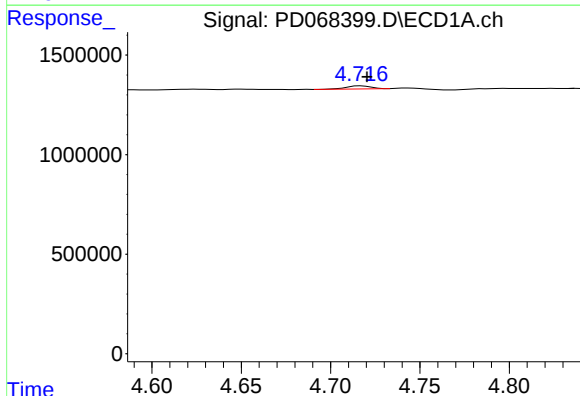
R.T.: 4.172 min
Delta R.T.: -0.001 min
Response: 17027726
Conc: 10.69 ng/ml

Instrument :
ECD_D
ClientSampleId :



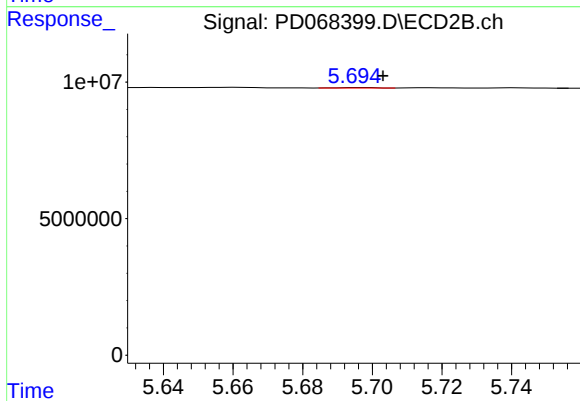
#3 gamma-BHC (Lindane)

R.T.: 4.862 min
Delta R.T.: -0.001 min
Response: 132842644
Conc: 10.71 ng/ml



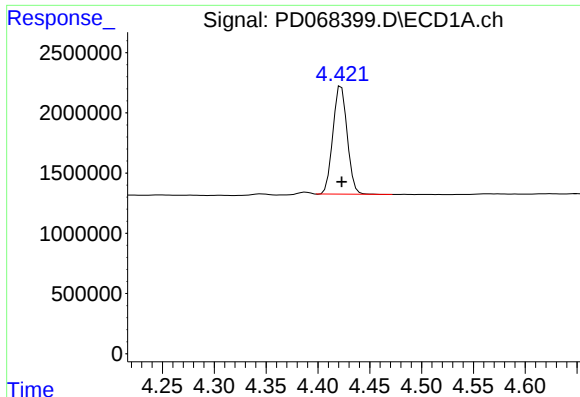
#5 Aldrin

R.T.: 4.717 min
Delta R.T.: -0.003 min
Response: 150780
Conc: 0.10 ng/ml



#5 Aldrin

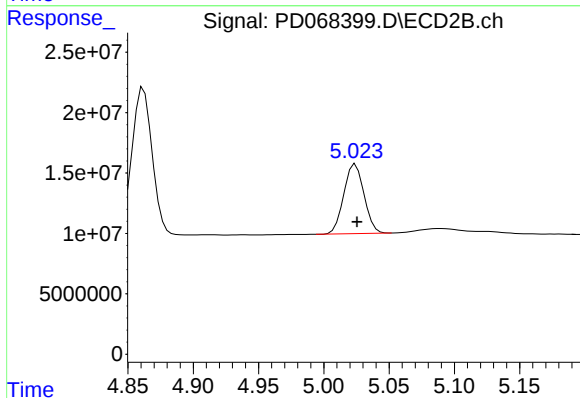
R.T.: 5.696 min
Delta R.T.: -0.007 min
Response: 116188
Conc: 0.01 ng/ml



#6 beta-BHC

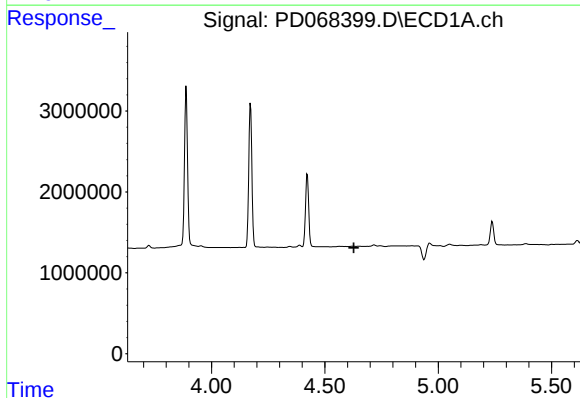
R.T.: 4.423 min
Delta R.T.: 0.000 min
Response: 8599396
Conc: 12.26 ng/ml

Instrument :
ECD_D
ClientSampleId :



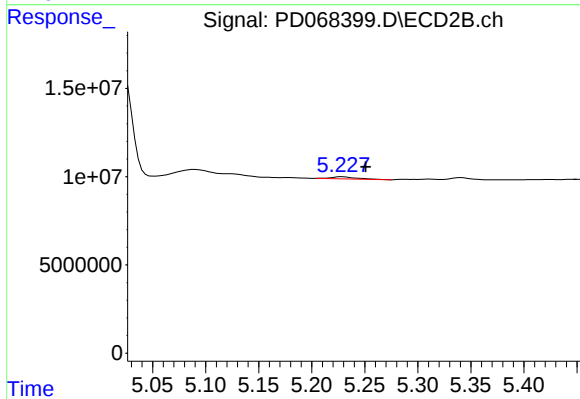
#6 beta-BHC

R.T.: 5.024 min
Delta R.T.: -0.001 min
Response: 62225714
Conc: 11.51 ng/ml



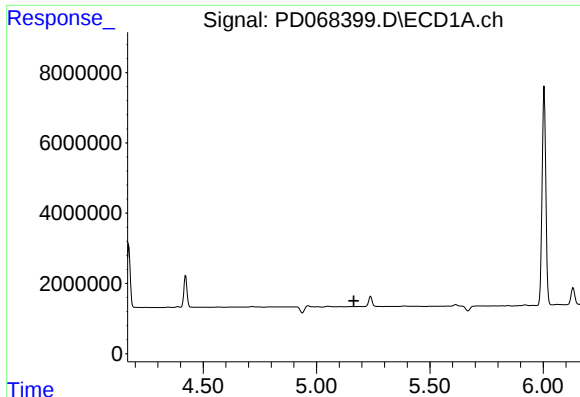
#7 delta-BHC

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



#7 delta-BHC

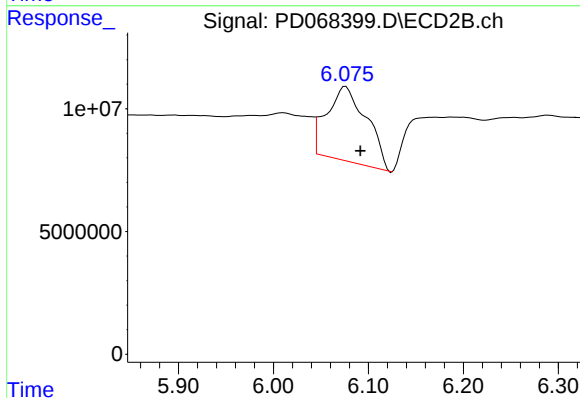
R.T.: 5.229 min
Delta R.T.: -0.022 min
Response: 1979246
Conc: 0.16 ng/ml



#8 Heptachlor epoxide

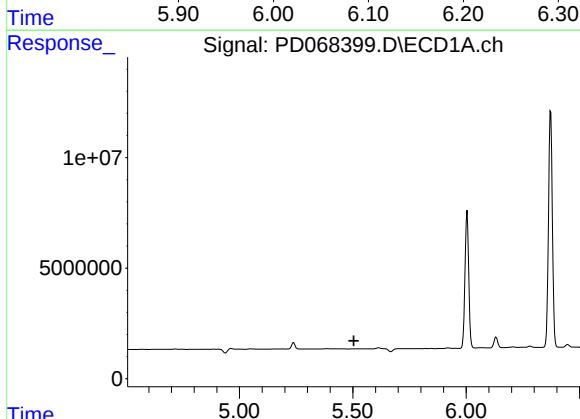
R.T.: 0.000 min
Exp R.T.: 5.165 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



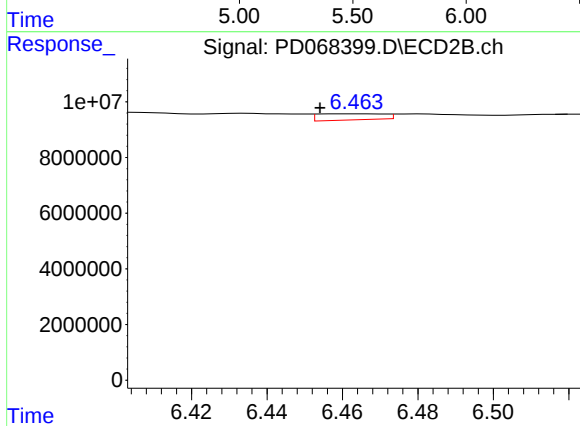
#8 Heptachlor epoxide

R.T.: 6.076 min
Delta R.T.: -0.015 min
Response: 88875786
Conc: 8.29 ng/ml



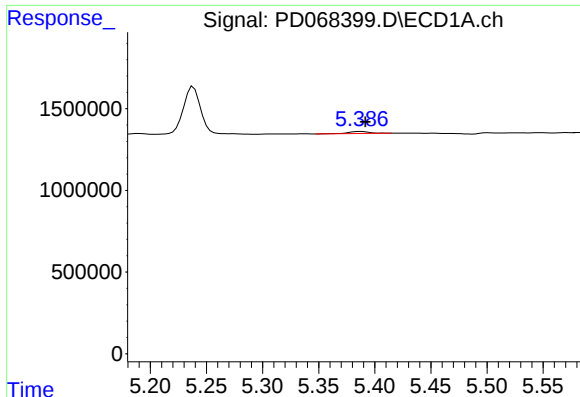
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T.: 5.504 min
Response: 0
Conc: N.D.



#9 Endosulfan I

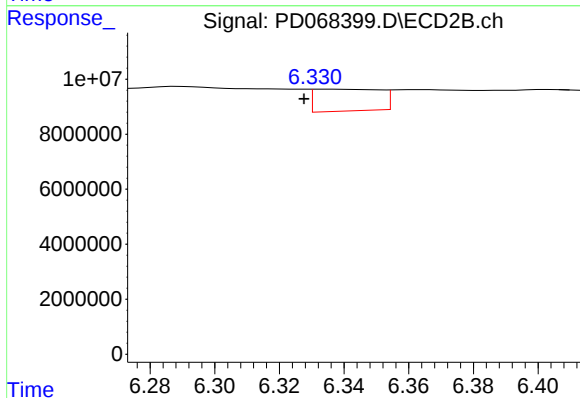
R.T.: 6.465 min
Delta R.T.: 0.011 min
Response: 2648879
Conc: 0.27 ng/ml



#10 gamma-Chlordane

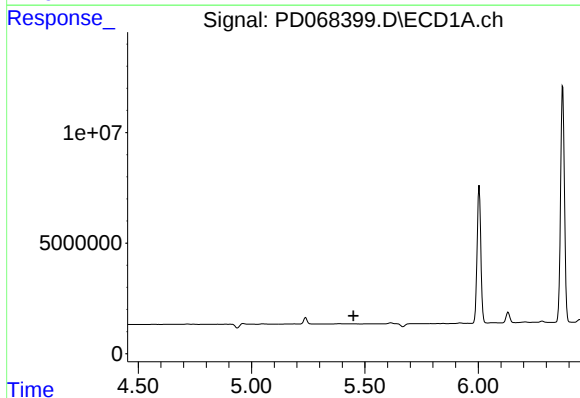
R.T.: 5.387 min
Delta R.T.: -0.004 min
Response: 164760
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



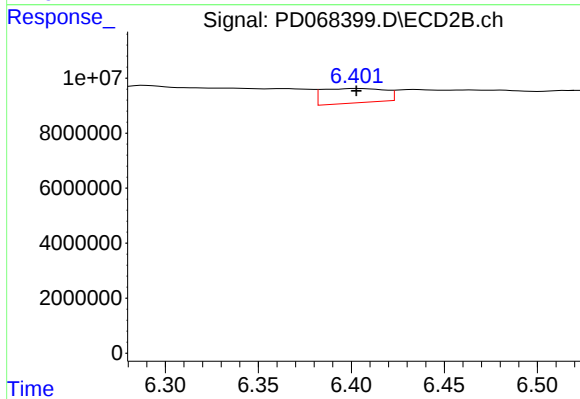
#10 gamma-Chlordane

R.T.: 6.335 min
Delta R.T.: 0.007 min
Response: 11273499
Conc: 1.07 ng/ml



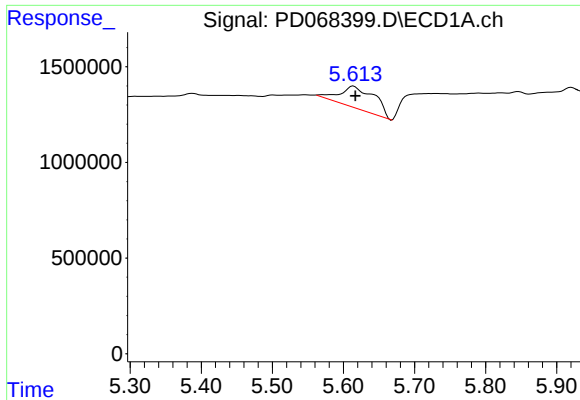
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.450 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

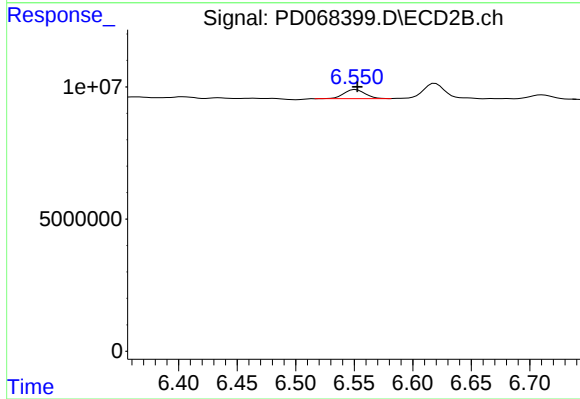
R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 12274698
Conc: 1.19 ng/ml



#12 4,4'-DDE

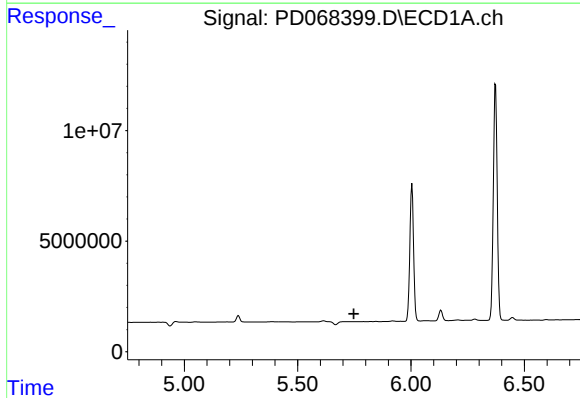
R.T.: 5.614 min
Delta R.T.: -0.003 min
Response: 3988258
Conc: 2.92 ng/ml

Instrument :
ECD_D
ClientSampleId :



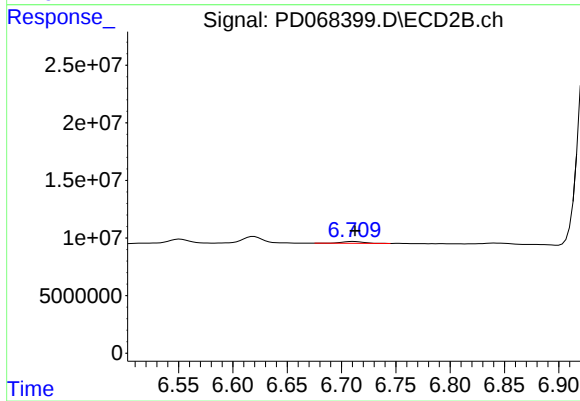
#12 4,4'-DDE

R.T.: 6.551 min
Delta R.T.: -0.002 min
Response: 4374820
Conc: 0.45 ng/ml



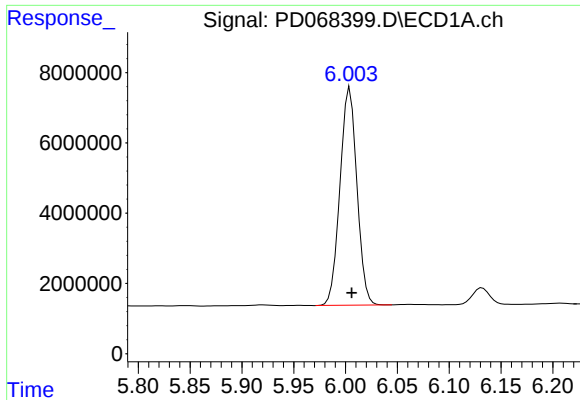
#13 Dieldrin

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



#13 Dieldrin

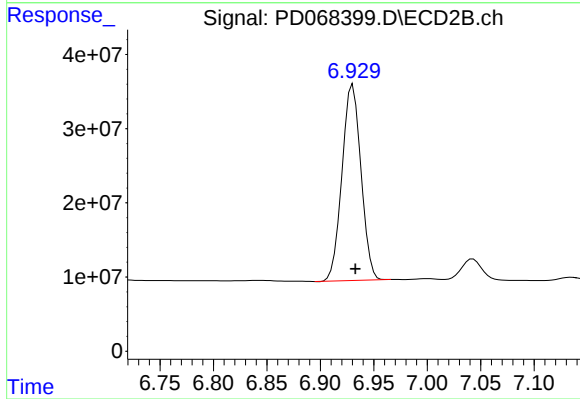
R.T.: 6.711 min
Delta R.T.: -0.002 min
Response: 2083142
Conc: 0.20 ng/ml



#14 Endrin

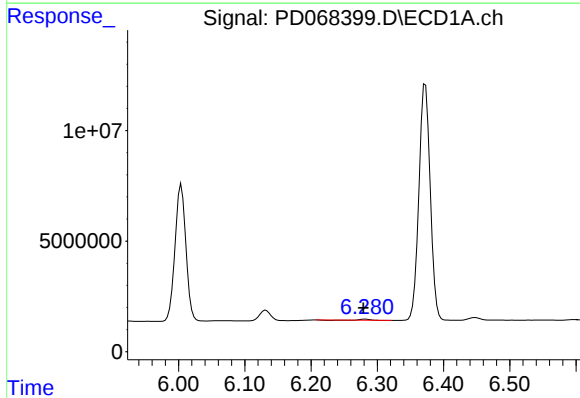
R.T.: 6.004 min
Delta R.T.: -0.002 min
Response: 70493656
Conc: 57.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



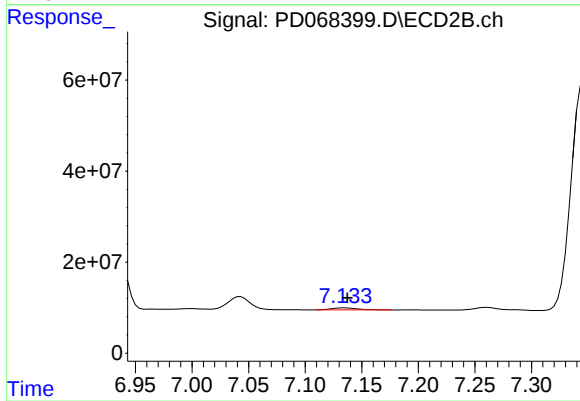
#14 Endrin

R.T.: 6.930 min
Delta R.T.: -0.002 min
Response: 327053077
Conc: 42.53 ng/ml



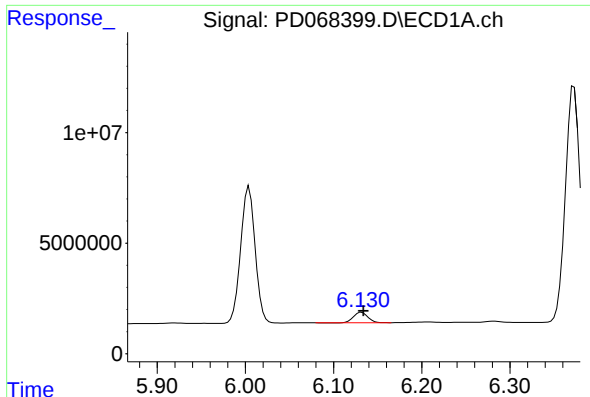
#15 Endosulfan II

R.T.: 6.282 min
Delta R.T.: 0.003 min
Response: 183622
Conc: 0.14 ng/ml



#15 Endosulfan II

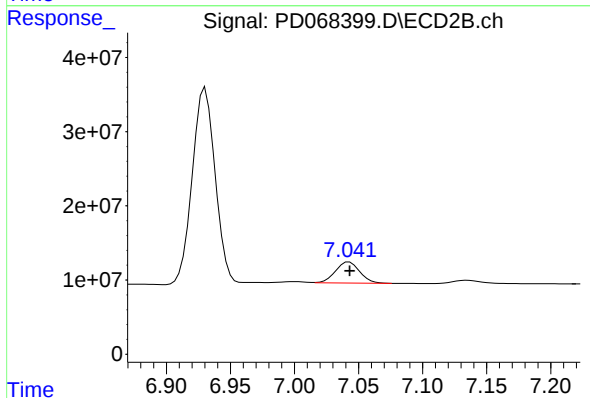
R.T.: 7.135 min
Delta R.T.: -0.003 min
Response: 6715575
Conc: 0.82 ng/ml



#16 4,4'-DDD

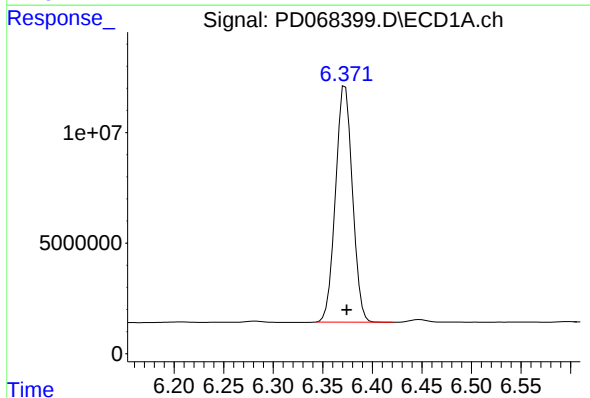
R.T.: 6.132 min
Delta R.T.: -0.002 min
Response: 5371504
Conc: 4.53 ng/ml

Instrument :
ECD_D
ClientSampleId :



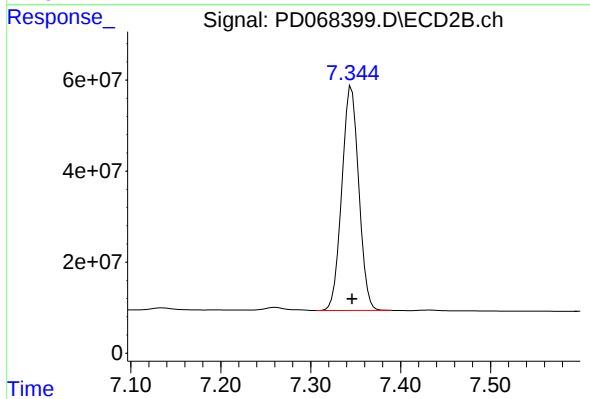
#16 4,4'-DDD

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 37395101
Conc: 4.75 ng/ml



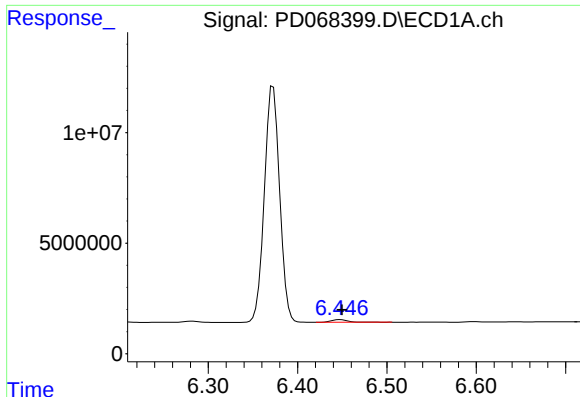
#17 4,4'-DDT

R.T.: 6.373 min
Delta R.T.: -0.002 min
Response: 126733247
Conc: 114.92 ng/ml



#17 4,4'-DDT

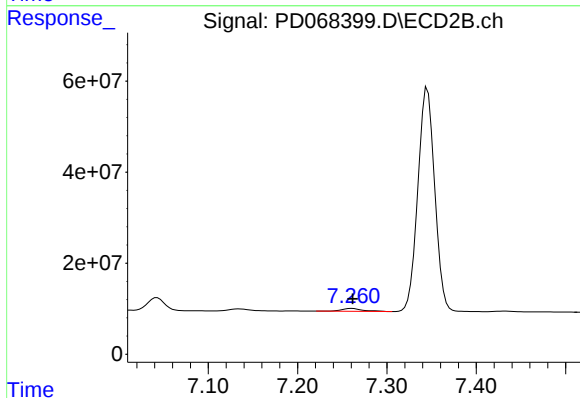
R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 644796862
Conc: 91.13 ng/ml



#18 Endrin aldehyde

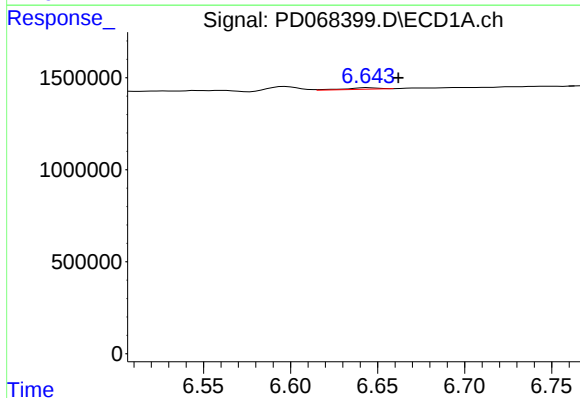
R.T.: 6.448 min
Delta R.T.: -0.002 min
Response: 1490950
Conc: 1.63 ng/ml

Instrument :
ECD_D
ClientSampleId :



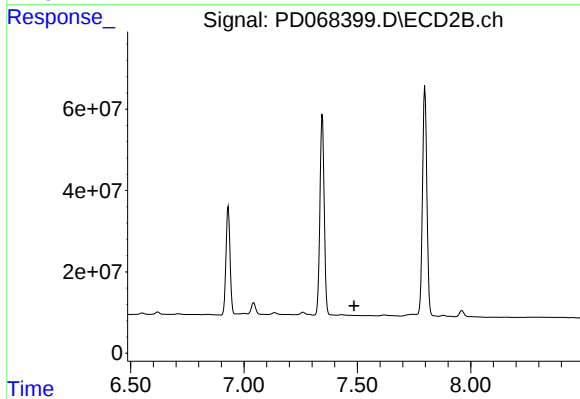
#18 Endrin aldehyde

R.T.: 7.261 min
Delta R.T.: 0.000 min
Response: 10615599
Conc: 1.76 ng/ml



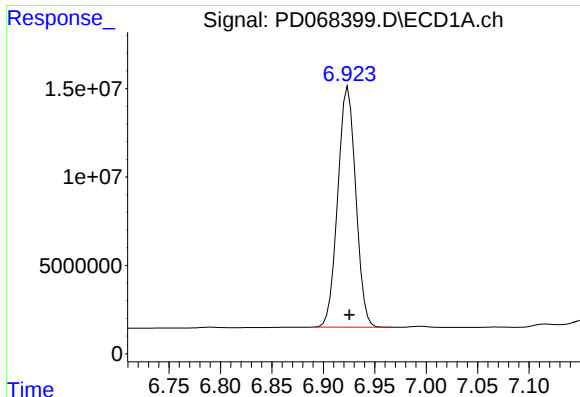
#19 Endosulfan Sulfate

R.T.: 6.645 min
Delta R.T.: -0.017 min
Response: 113489
Conc: 0.09 ng/ml



#19 Endosulfan Sulfate

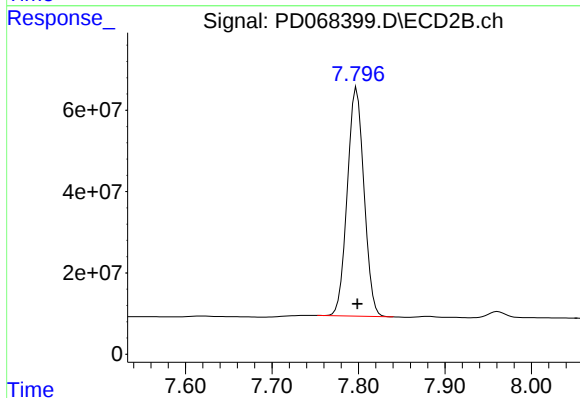
R.T.: 0.000 min
Exp R.T. : 7.486 min
Response: 0
Conc: N.D.



#20 Methoxychlor

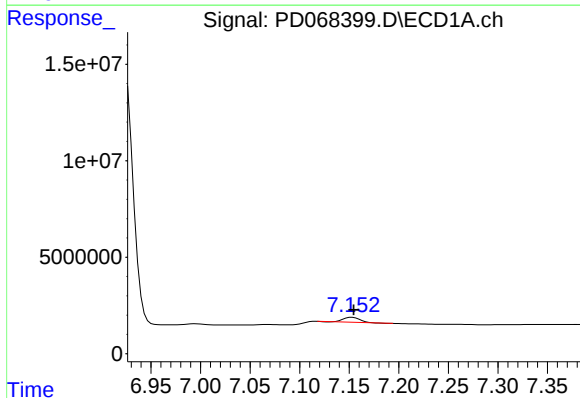
R.T.: 6.924 min
Delta R.T.: -0.001 min
Response: 165320859
Conc: 254.77 ng/ml

Instrument :
ECD_D
ClientSampleId :



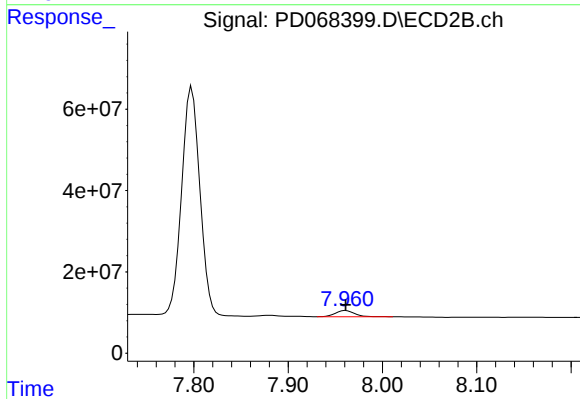
#20 Methoxychlor

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 751610738
Conc: 216.33 ng/ml



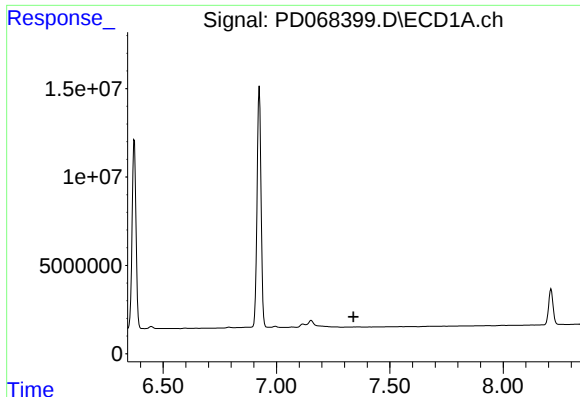
#21 Endrin ketone

R.T.: 7.153 min
Delta R.T.: -0.002 min
Response: 2888026
Conc: 1.96 ng/ml



#21 Endrin ketone

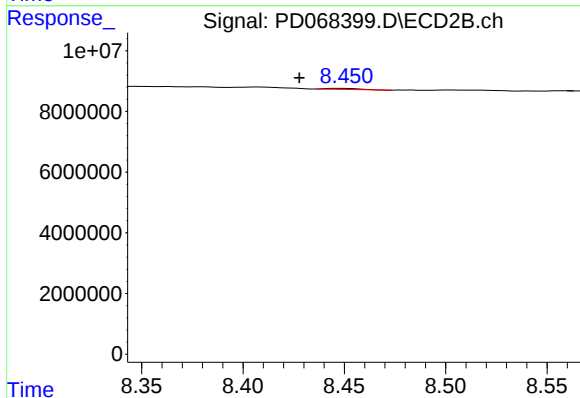
R.T.: 7.961 min
Delta R.T.: 0.000 min
Response: 21185299
Conc: 2.52 ng/ml



#22 Mirex

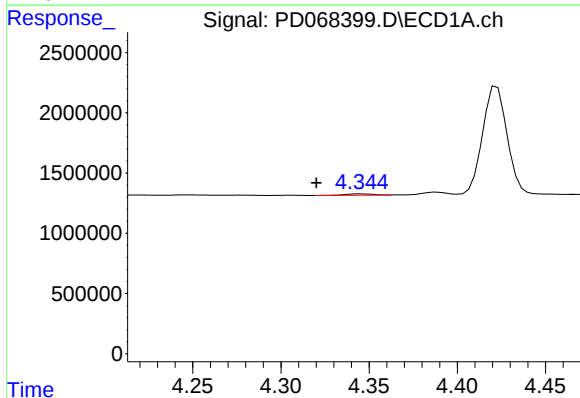
R.T.: 0.000 min
Exp R.T.: 7.340 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



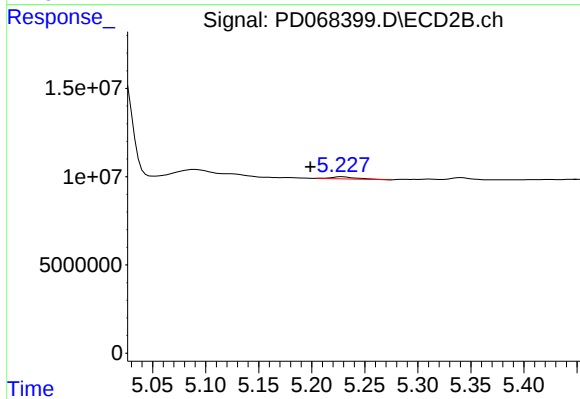
#22 Mirex

R.T.: 8.447 min
Delta R.T.: 0.019 min
Response: 368400
Conc: 0.06 ng/ml



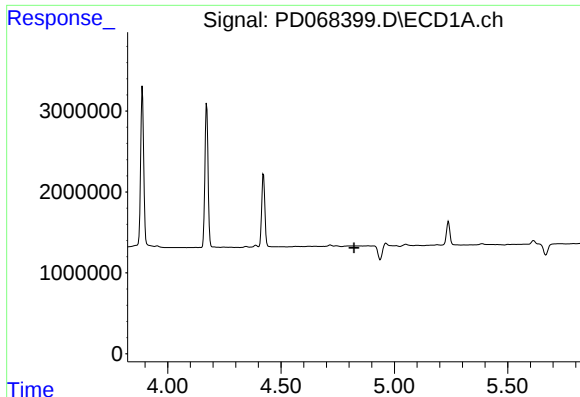
#23 Chlordane-1

R.T.: 4.346 min
Delta R.T.: 0.026 min
Response: 107390
Conc: 2.46 ng/ml



#23 Chlordane-1

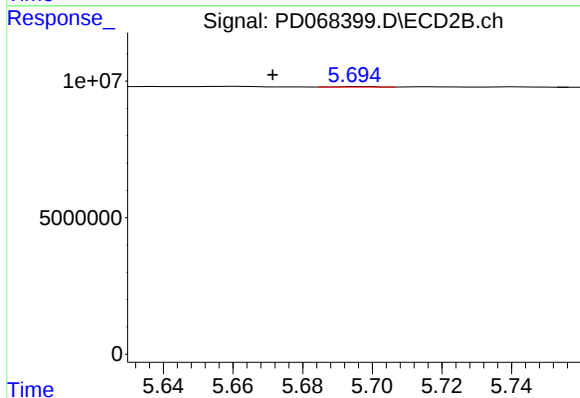
R.T.: 5.229 min
Delta R.T.: 0.030 min
Response: 1979246
Conc: 4.89 ng/ml



#24 Chlordane-2

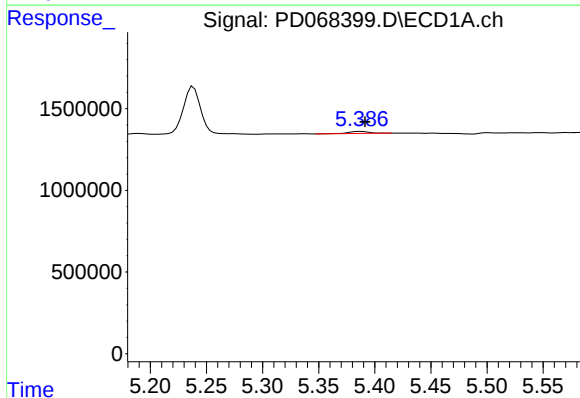
R.T.: 0.000 min
Exp R.T.: 4.822 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



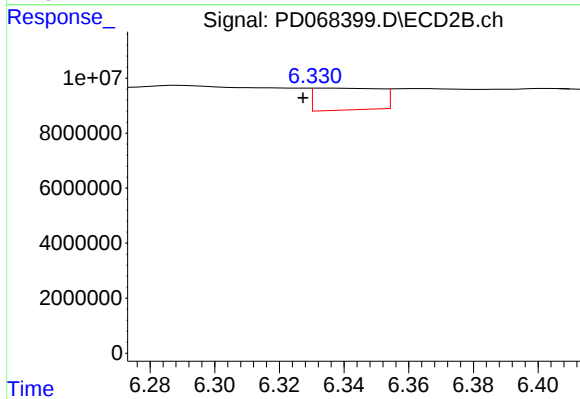
#24 Chlordane-2

R.T.: 5.696 min
Delta R.T.: 0.025 min
Response: 116188
Conc: 0.29 ng/ml



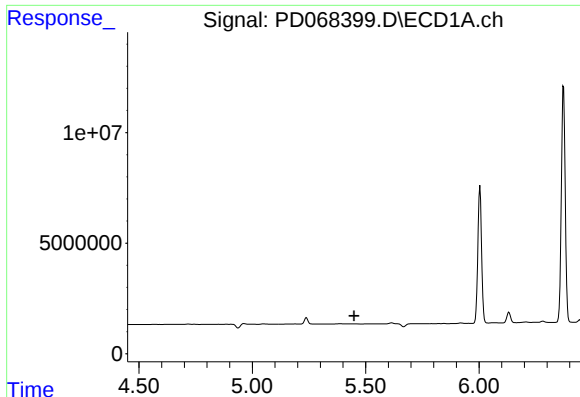
#25 Chlordane-3

R.T.: 5.387 min
Delta R.T.: -0.004 min
Response: 164760
Conc: 1.15 ng/ml



#25 Chlordane-3

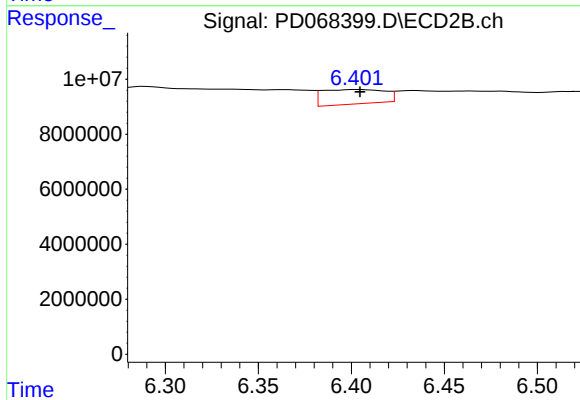
R.T.: 6.335 min
Delta R.T.: 0.007 min
Response: 11273499
Conc: 7.93 ng/ml



#26 Chlordane-4

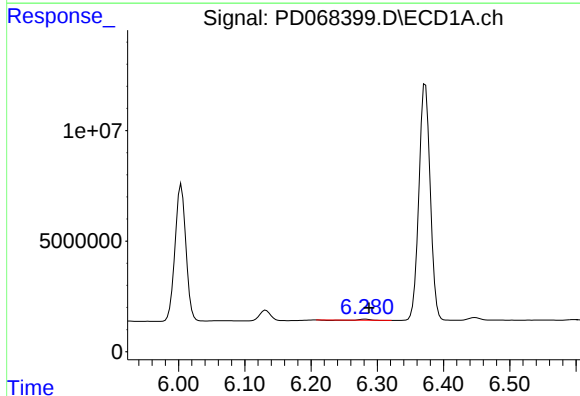
R.T.: 0.000 min
Exp R.T.: 5.449 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



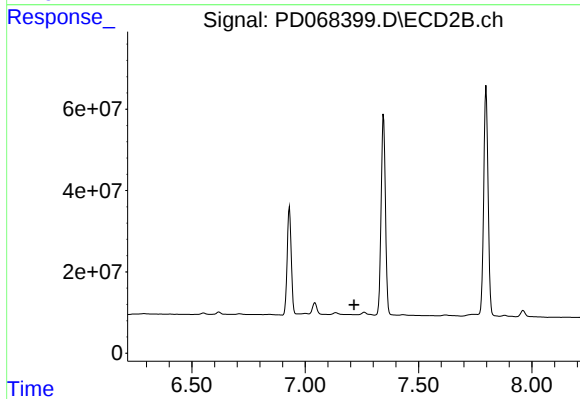
#26 Chlordane-4

R.T.: 6.403 min
Delta R.T.: -0.002 min
Response: 12274698
Conc: 7.62 ng/ml



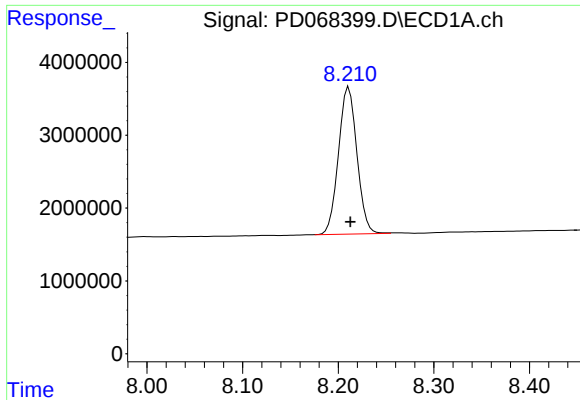
#27 Chlordane-5

R.T.: 6.282 min
Delta R.T.: -0.006 min
Response: 183622
Conc: 3.73 ng/ml



#27 Chlordane-5

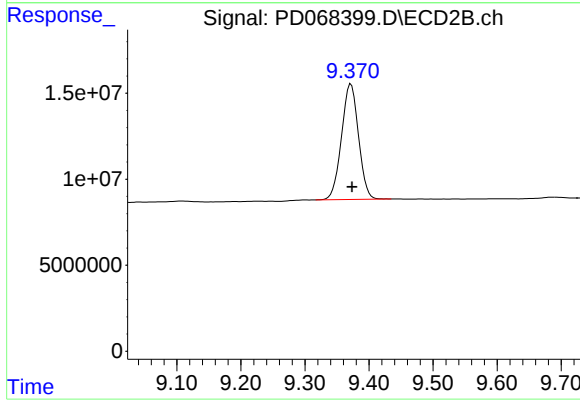
R.T.: 0.000 min
Exp R.T.: 7.216 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.211 min
Delta R.T.: -0.002 min
Response: 27109069
Conc: 23.30 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.372 min
Delta R.T.: -0.002 min
Response: 123486968
Conc: 20.83 ng/ml