

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031721\
 Data File : PD061689.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2021 21:07
 Operator : AR\AJ
 Sample : M1458-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 18 07:59:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031721.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 18 07:52:17 2021
 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...	3.486	3.981	16468798	164.6E6	19.267	19.188
28)	SA Decachlor...	8.257	9.039	23895159	169.5E6	19.525	19.496
Target Compounds							
2)	A alpha-BHC	3.925	4.370	1258610	11141340	0.968	0.876
3)	MA gamma-BHC...	4.210	4.655	1382402	12682867	1.145	1.088
4)	MA Heptachlor	4.513	5.163	1211964	14321399	1.029	1.184
5)	MB Aldrin	4.763	5.467	1263251	13697312	1.043	1.140
6)	B beta-BHC	0.000	4.823	0	6232591	N.D.	1.291 #
7)	B delta-BHC	4.665	5.039	1794667	26859536	1.452	2.227 #
8)	B Heptachlo...	5.207	5.854	1241655	18797205	1.076	1.764 #
9)	A Endosulfan I	5.548	6.210	1185376	12475811	1.070	1.194
10)	B gamma-Chl...	5.434	6.087	1335293	12183523	1.125	1.080
11)	B alpha-Chl...	5.494	6.160	1253457	11131700	1.069	1.019
12)	B 4,4'-DDE	5.656	6.316	1145089	13880760	1.009	1.251
13)	MA Dieldrin	0.000	6.466	0	13151057	N.D.	1.178 #
14)	MA Endrin	0.000	6.684	0	10572234	N.D.	1.129 #
15)	B Endosulfa...	6.323	6.891	1216533	14792432	1.177	1.596 #
16)	A 4,4'-DDD	6.174	6.805	840979	11734679	0.878	1.298 #
17)	MA 4,4'-DDT	0.000	7.104	0	10743986	N.D.	1.090 #
18)	B Endrin al...	0.000	7.016	0	15720969	N.D.	2.069 #
19)	B Endosulfa...	6.706	7.239	1749869	14304213	1.620	1.479
20)	A Methoxychlor	0.000	7.561	0	4471083	N.D.	0.965 #
21)	B Endrin ke...	7.199	7.708	2468698	16834751	1.902	1.750
22)	Mirex	7.391	8.165	1790256	10067666	1.869	1.715
24)	Chlordane-2	0.000	5.467f	0	13697312	N.D.	36.557 #
25)	Chlordane-3	5.434	6.087	1335293	12183523	11.323	7.615 #
26)	Chlordane-4	5.494	6.160	1253457	11131700	12.846	6.020 #
27)	Chlordane-5	6.323	6.968	1216533	1409886	27.507	4.018 #

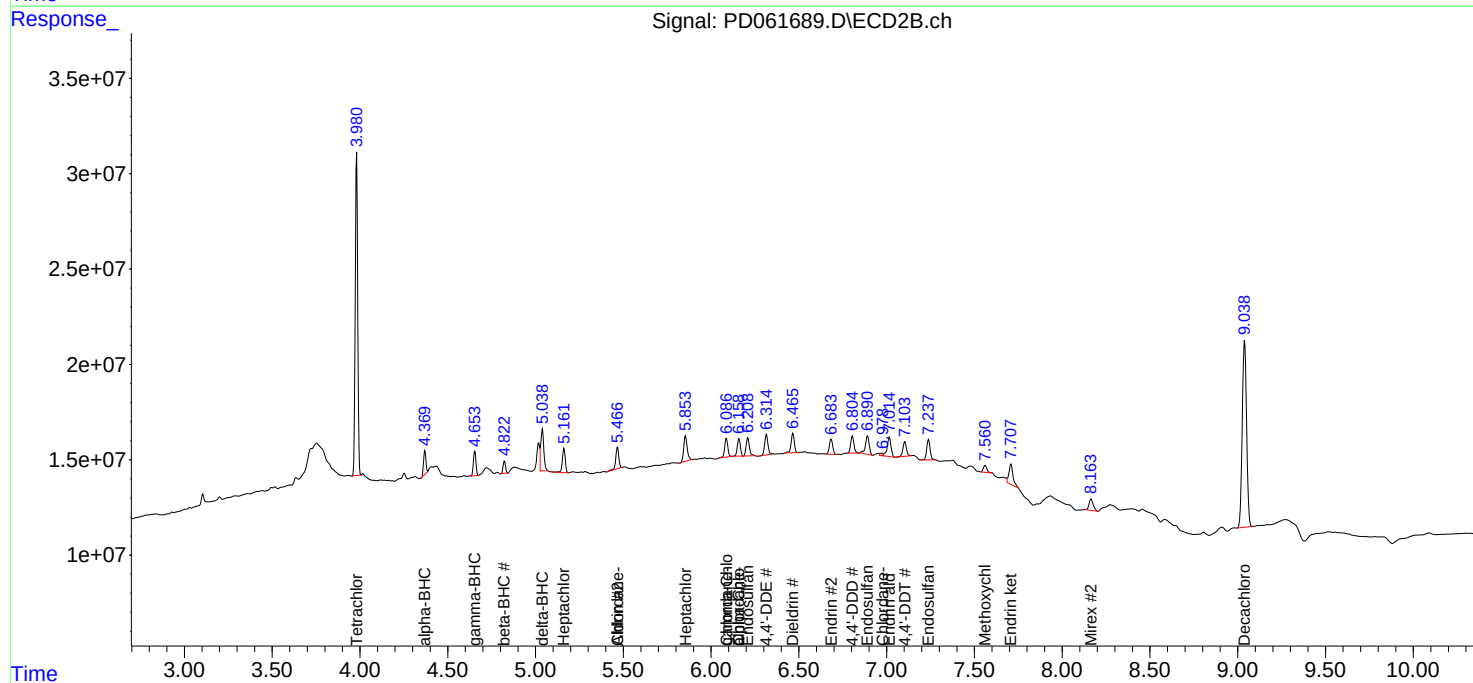
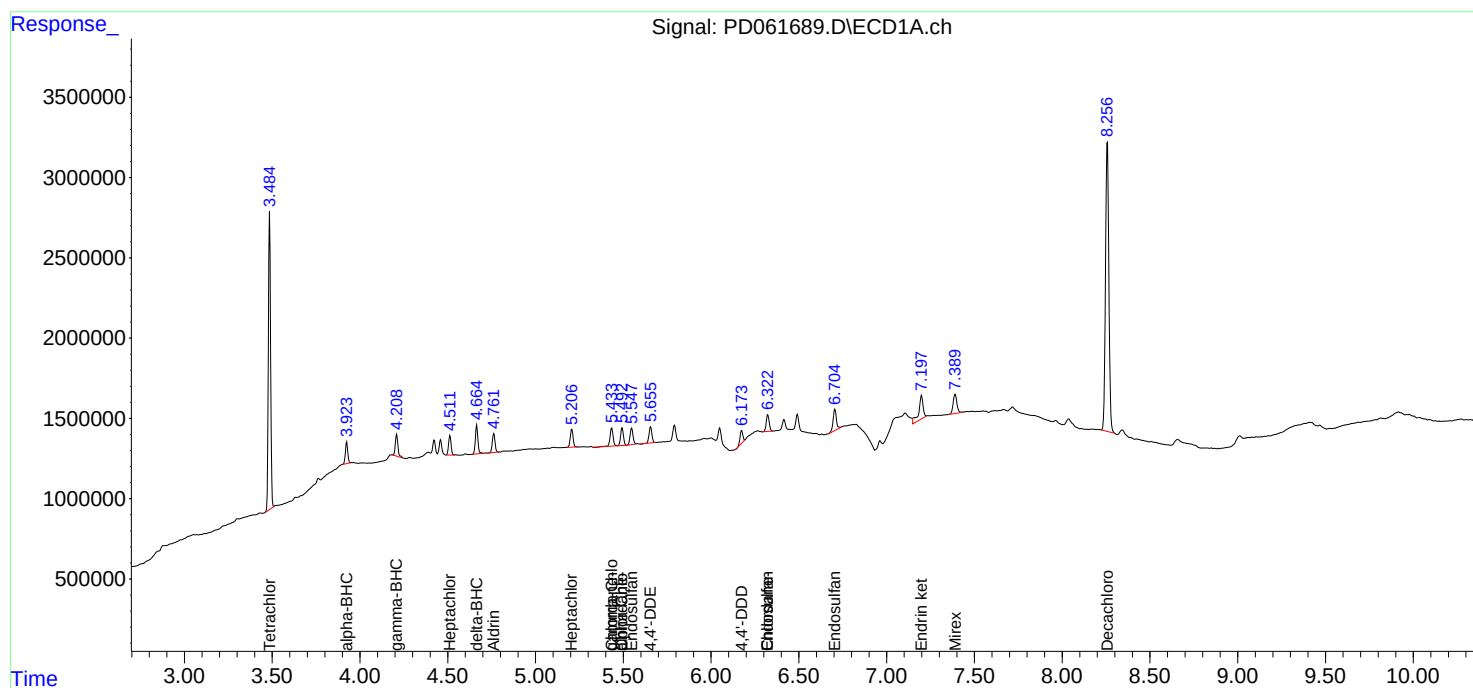
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

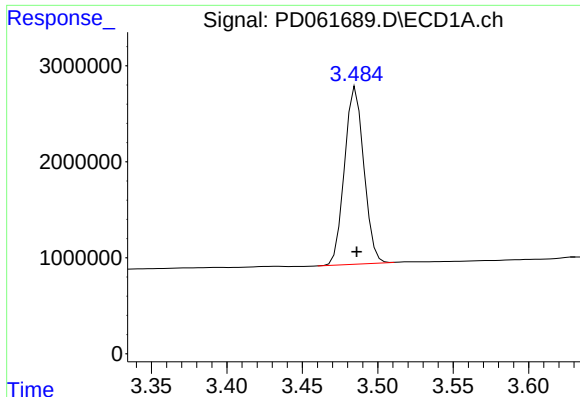
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031721\
 Data File : PD061689.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2021 21:07
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 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 18 07:59:40 2021
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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

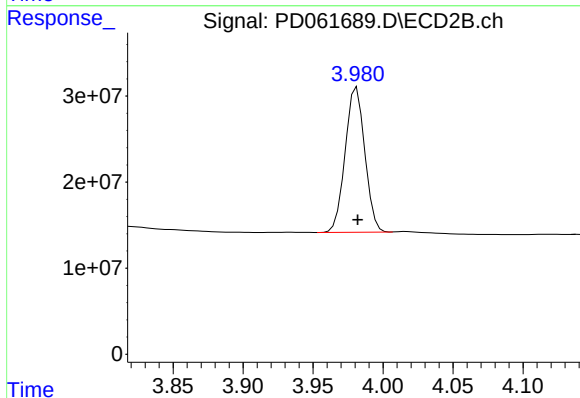




#1 Tetrachloro-m-xylene

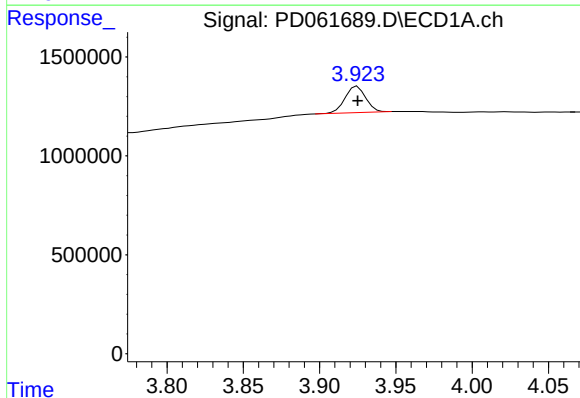
R.T.: 3.486 min
Delta R.T.: 0.000 min
Response: 16468798
Conc: 19.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



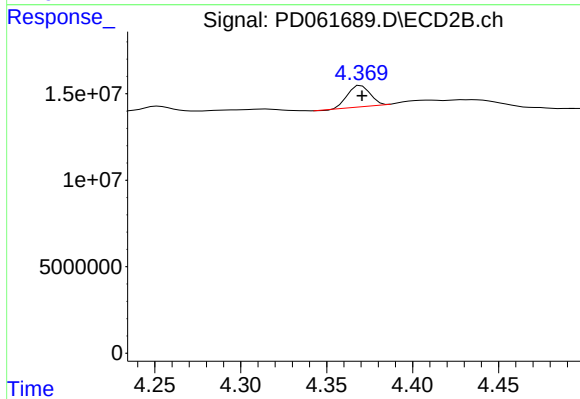
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 164615707
Conc: 19.19 ng/ml



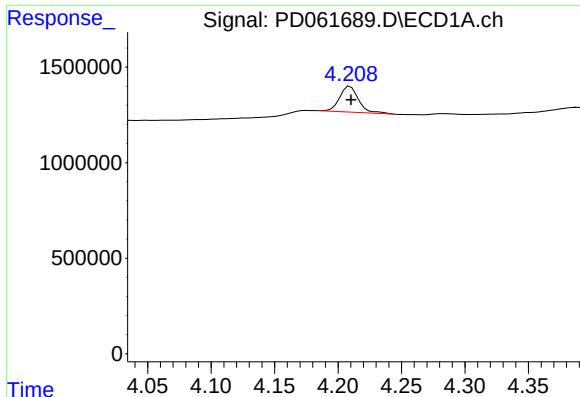
#2 alpha-BHC

R.T.: 3.925 min
Delta R.T.: 0.000 min
Response: 1258610
Conc: 0.97 ng/ml



#2 alpha-BHC

R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 11141340
Conc: 0.88 ng/ml



#3 gamma-BHC (Lindane)

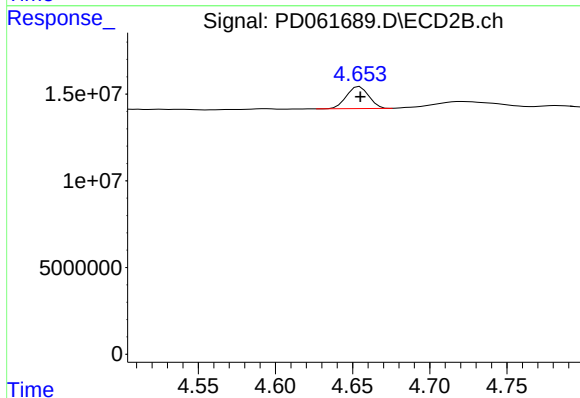
R.T.: 4.210 min

Delta R.T.: 0.000 min

Response: 1382402

Conc: 1.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



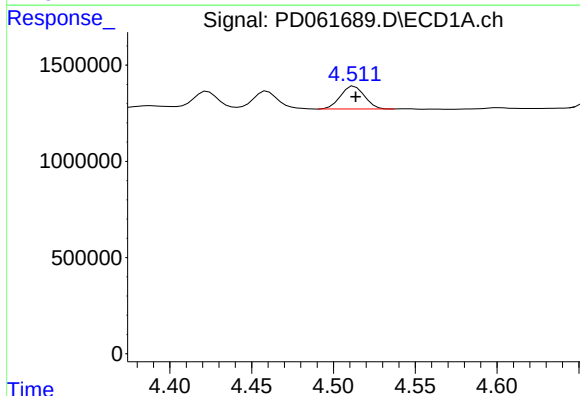
#3 gamma-BHC (Lindane)

R.T.: 4.655 min

Delta R.T.: 0.000 min

Response: 12682867

Conc: 1.09 ng/ml



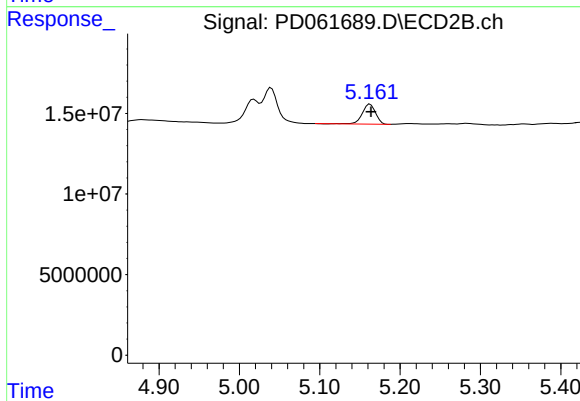
#4 Heptachlor

R.T.: 4.513 min

Delta R.T.: 0.000 min

Response: 1211964

Conc: 1.03 ng/ml



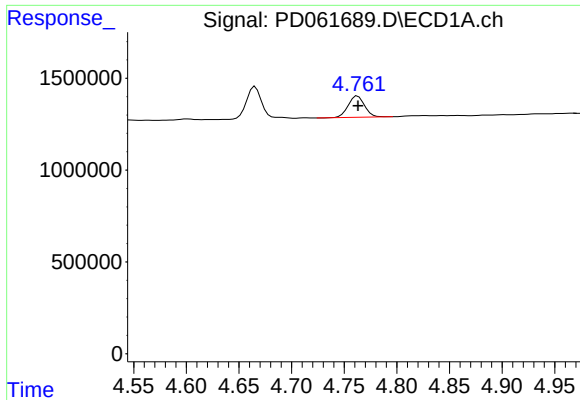
#4 Heptachlor

R.T.: 5.163 min

Delta R.T.: -0.001 min

Response: 14321399

Conc: 1.18 ng/ml



#5 Aldrin

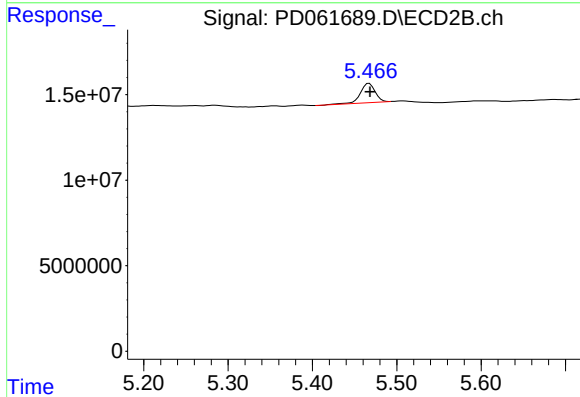
R.T.: 4.763 min

Delta R.T.: 0.000 min

Response: 1263251

Conc: 1.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



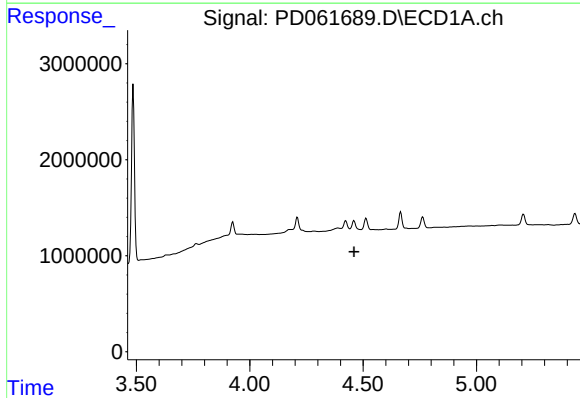
#5 Aldrin

R.T.: 5.467 min

Delta R.T.: -0.001 min

Response: 13697312

Conc: 1.14 ng/ml



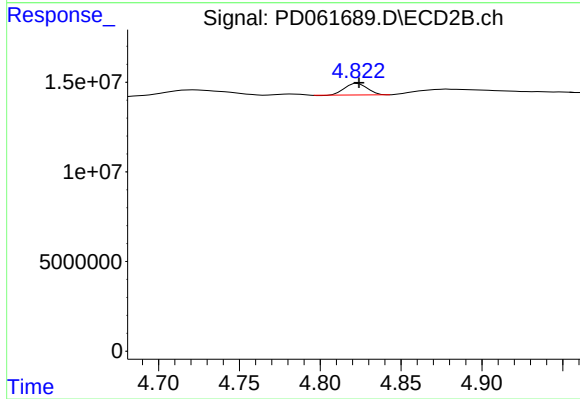
#6 beta-BHC

R.T.: 0.000 min

Exp R.T. : 4.460 min

Response: 0

Conc: N.D.



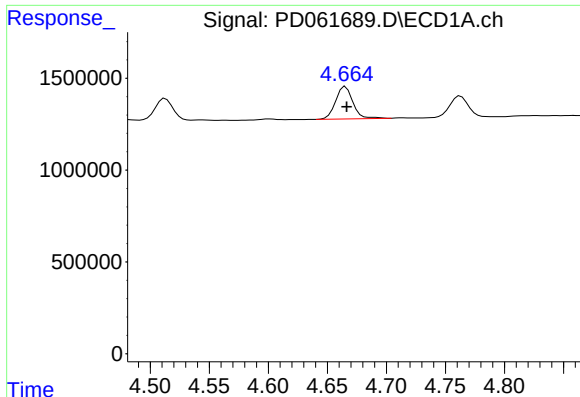
#6 beta-BHC

R.T.: 4.823 min

Delta R.T.: 0.000 min

Response: 6232591

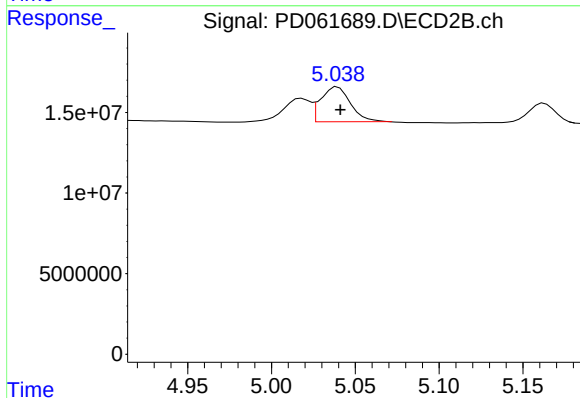
Conc: 1.29 ng/ml



#7 delta-BHC

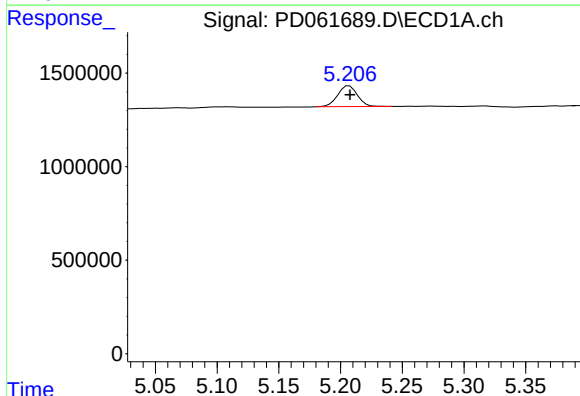
R.T.: 4.665 min
Delta R.T.: -0.001 min
Response: 1794667
Conc: 1.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



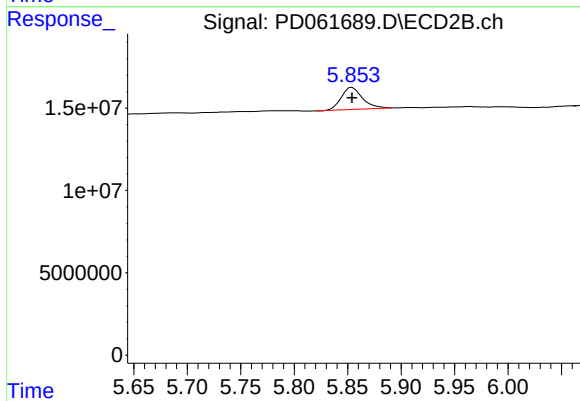
#7 delta-BHC

R.T.: 5.039 min
Delta R.T.: -0.002 min
Response: 26859536
Conc: 2.23 ng/ml



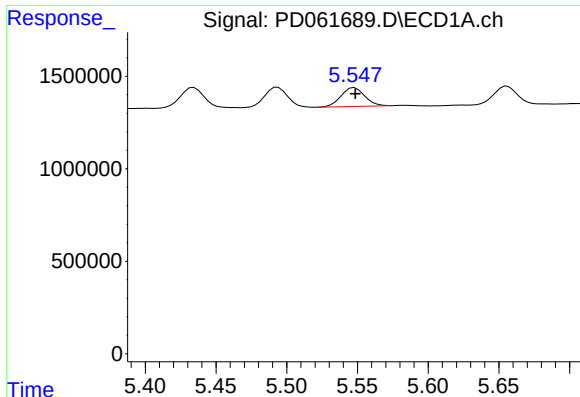
#8 Heptachlor epoxide

R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 1241655
Conc: 1.08 ng/ml



#8 Heptachlor epoxide

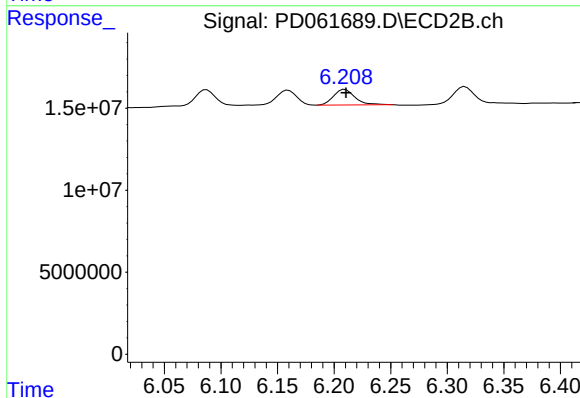
R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 18797205
Conc: 1.76 ng/ml



#9 Endosulfan I

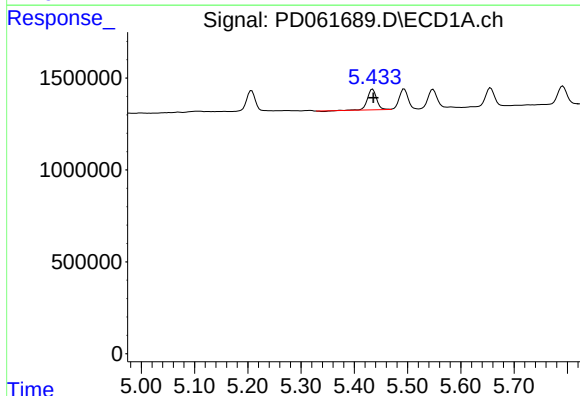
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 1185376
Conc: 1.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



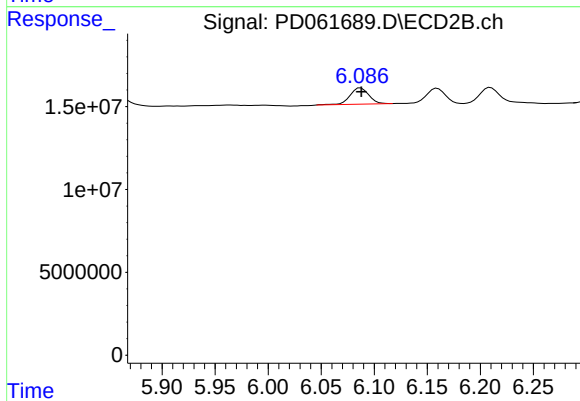
#9 Endosulfan I

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 12475811
Conc: 1.19 ng/ml



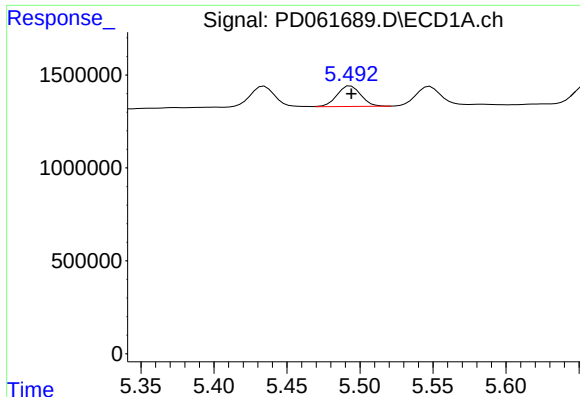
#10 gamma-Chlordane

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 1335293
Conc: 1.12 ng/ml



#10 gamma-Chlordane

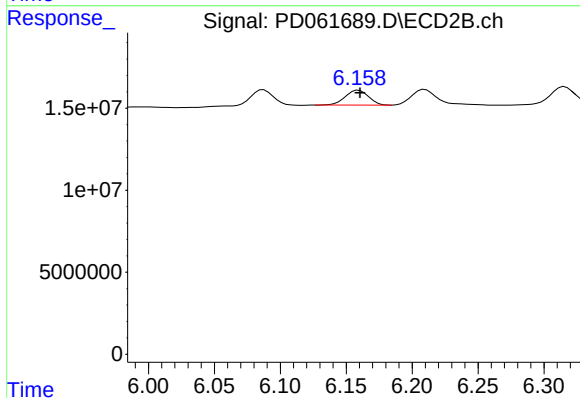
R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 12183523
Conc: 1.08 ng/ml



#11 alpha-Chlordane

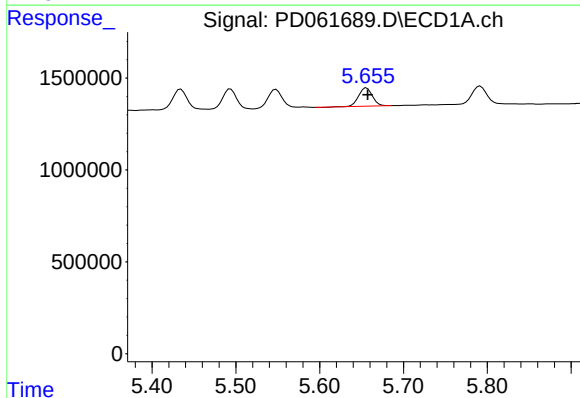
R.T.: 5.494 min
Delta R.T.: 0.000 min
Response: 1253457
Conc: 1.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



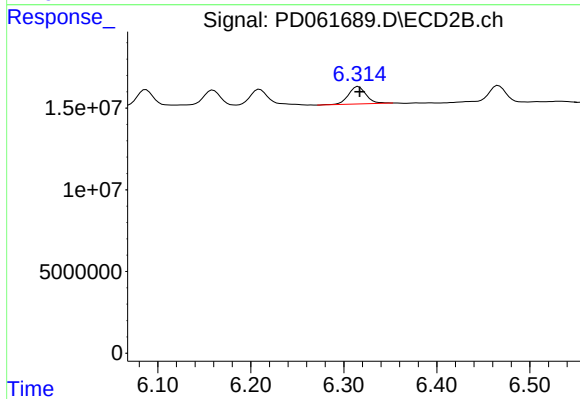
#11 alpha-Chlordane

R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 11131700
Conc: 1.02 ng/ml



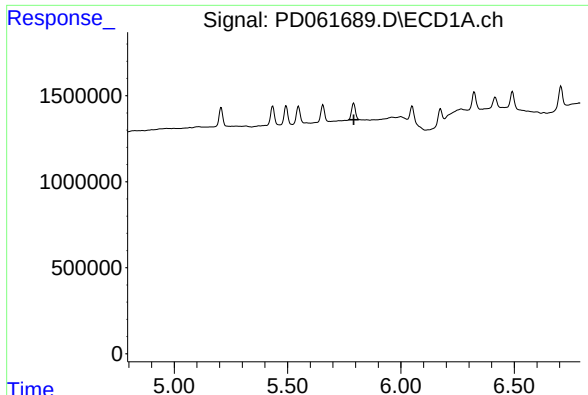
#12 4,4'-DDE

R.T.: 5.656 min
Delta R.T.: -0.001 min
Response: 1145089
Conc: 1.01 ng/ml



#12 4,4'-DDE

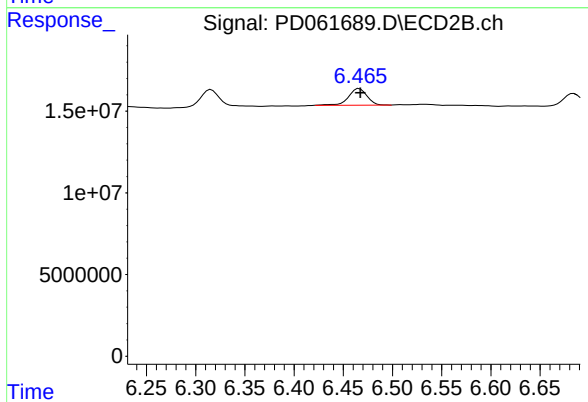
R.T.: 6.316 min
Delta R.T.: -0.001 min
Response: 13880760
Conc: 1.25 ng/ml



#13 Dieldrin

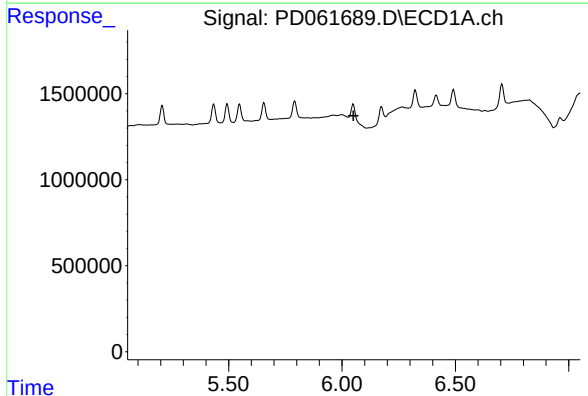
R.T.: 0.000 min
Exp R.T.: 5.793 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



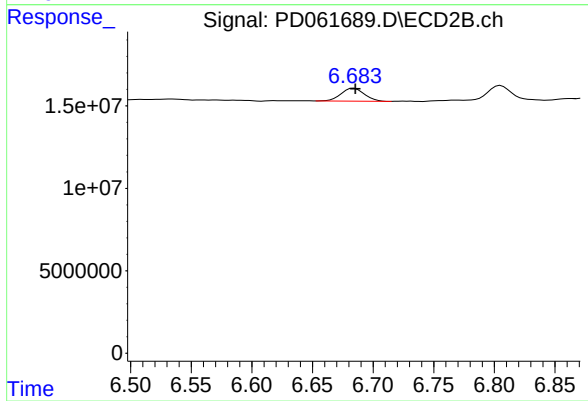
#13 Dieldrin

R.T.: 6.466 min
Delta R.T.: -0.001 min
Response: 13151057
Conc: 1.18 ng/ml



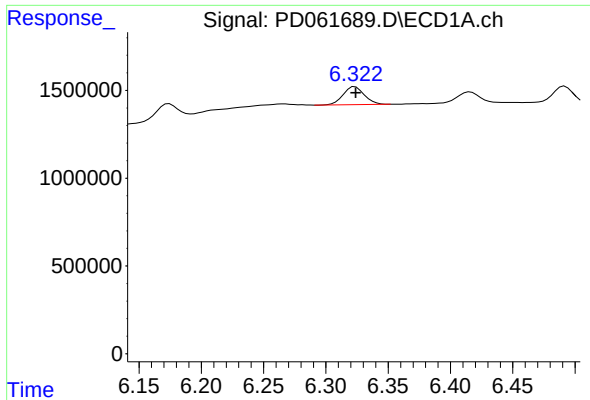
#14 Endrin

R.T.: 0.000 min
Exp R.T.: 6.051 min
Response: 0
Conc: N.D.



#14 Endrin

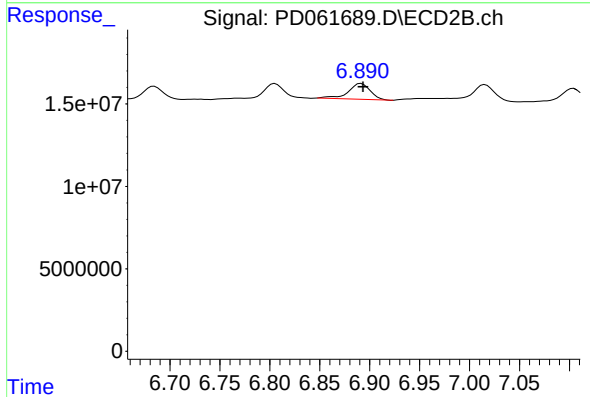
R.T.: 6.684 min
Delta R.T.: -0.001 min
Response: 10572234
Conc: 1.13 ng/ml



#15 Endosulfan II

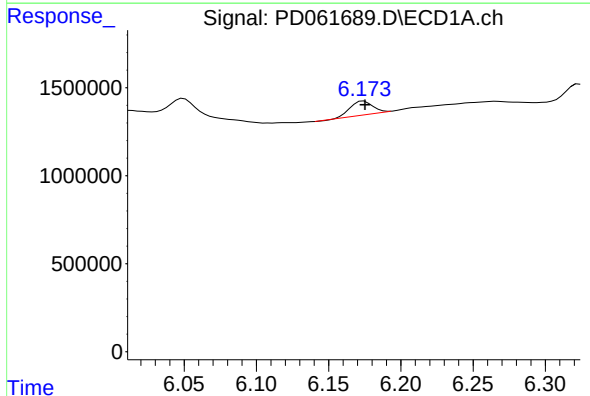
R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 1216533
Conc: 1.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



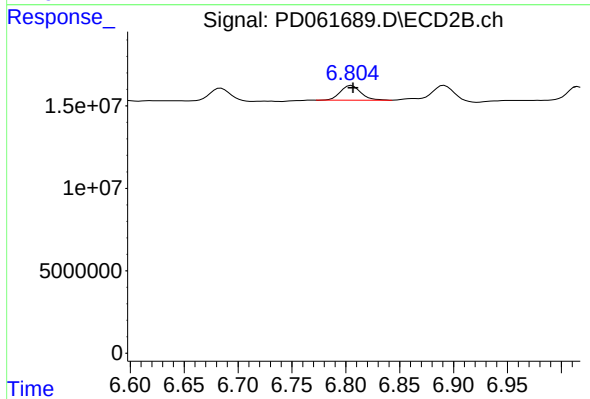
#15 Endosulfan II

R.T.: 6.891 min
Delta R.T.: -0.002 min
Response: 14792432
Conc: 1.60 ng/ml



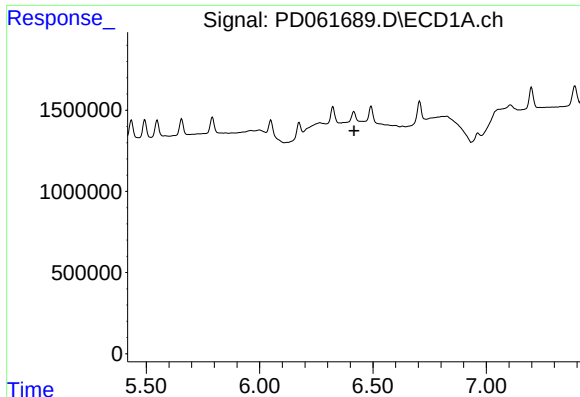
#16 4,4'-DDD

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 840979
Conc: 0.88 ng/ml



#16 4,4'-DDD

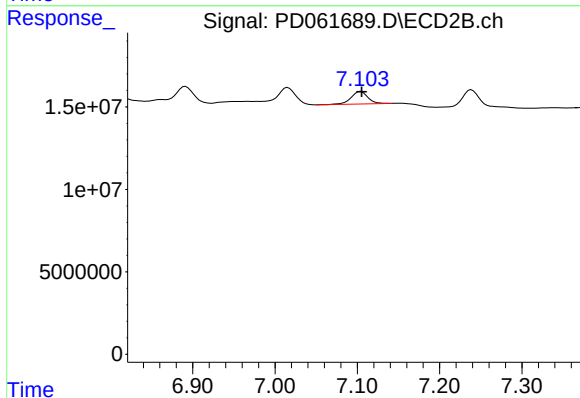
R.T.: 6.805 min
Delta R.T.: -0.001 min
Response: 11734679
Conc: 1.30 ng/ml



#17 4,4'-DDT

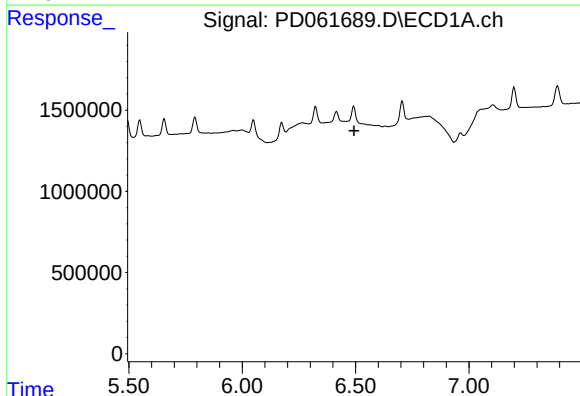
R.T.: 0.000 min
Exp R.T.: 6.417 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



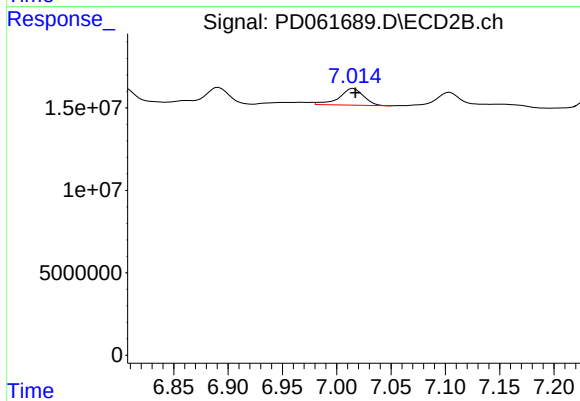
#17 4,4'-DDT

R.T.: 7.104 min
Delta R.T.: -0.001 min
Response: 10743986
Conc: 1.09 ng/ml



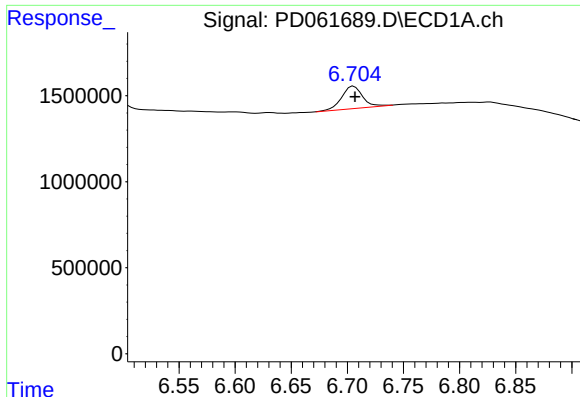
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T.: 6.493 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

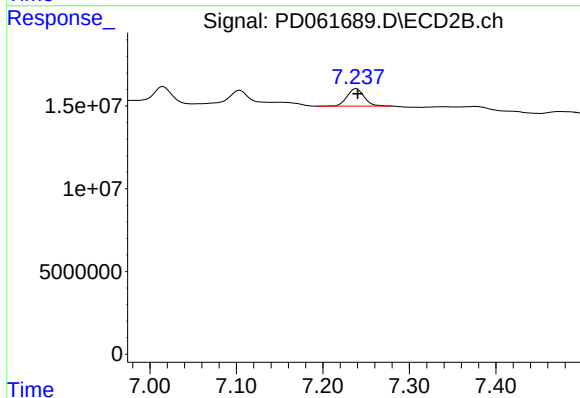
R.T.: 7.016 min
Delta R.T.: -0.002 min
Response: 15720969
Conc: 2.07 ng/ml



#19 Endosulfan Sulfate

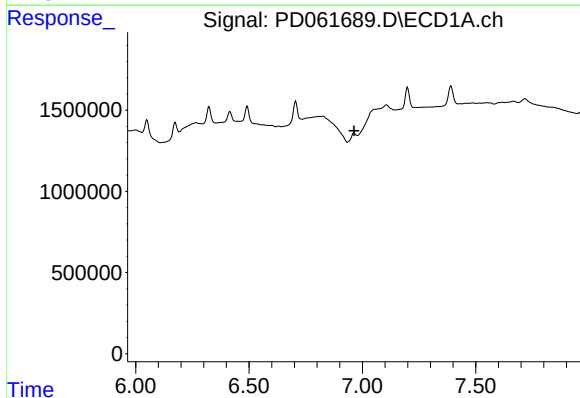
R.T.: 6.706 min
Delta R.T.: -0.001 min
Response: 1749869
Conc: 1.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



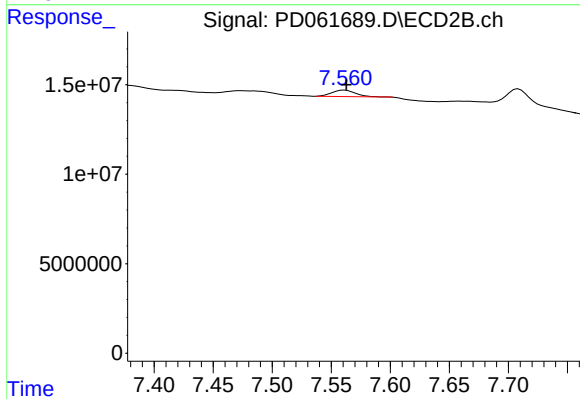
#19 Endosulfan Sulfate

R.T.: 7.239 min
Delta R.T.: -0.002 min
Response: 14304213
Conc: 1.48 ng/ml



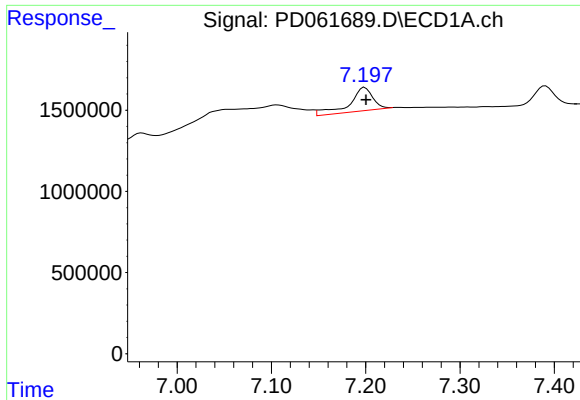
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 6.963 min
Response: 0
Conc: N.D.



#20 Methoxychlor

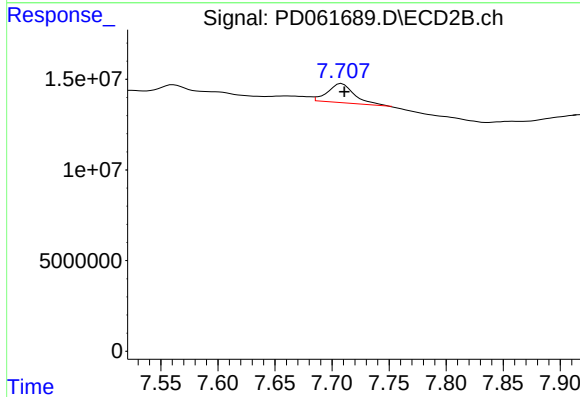
R.T.: 7.561 min
Delta R.T.: -0.002 min
Response: 4471083
Conc: 0.96 ng/ml



#21 Endrin ketone

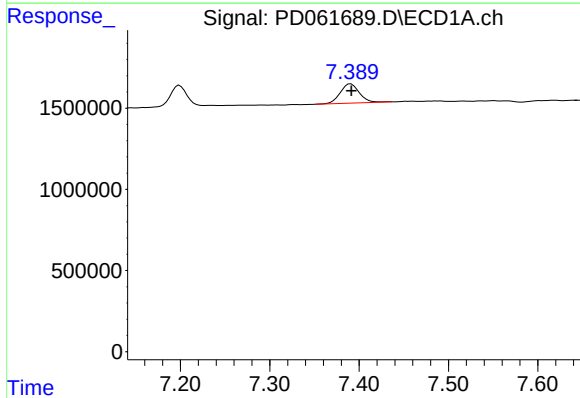
R.T.: 7.199 min
Delta R.T.: -0.002 min
Response: 2468698
Conc: 1.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



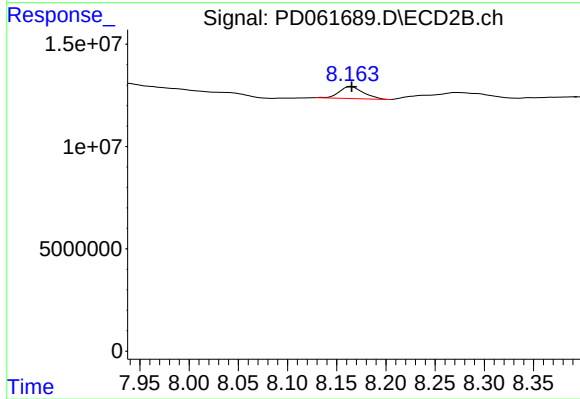
#21 Endrin ketone

R.T.: 7.708 min
Delta R.T.: -0.002 min
Response: 16834751
Conc: 1.75 ng/ml



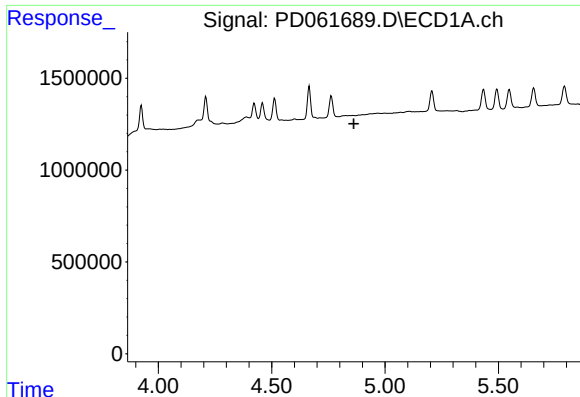
#22 Mirex

R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 1790256
Conc: 1.87 ng/ml



#22 Mirex

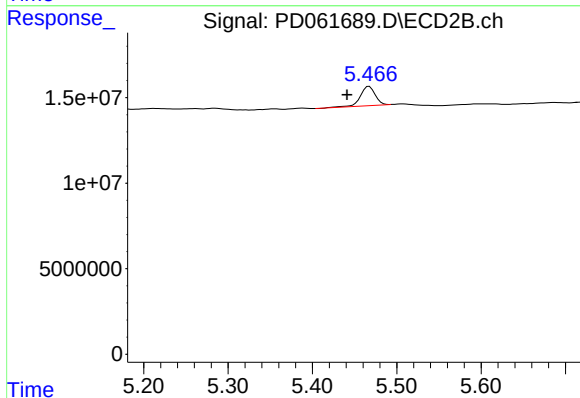
R.T.: 8.165 min
Delta R.T.: 0.000 min
Response: 10067666
Conc: 1.72 ng/ml



#24 Chlordane-2

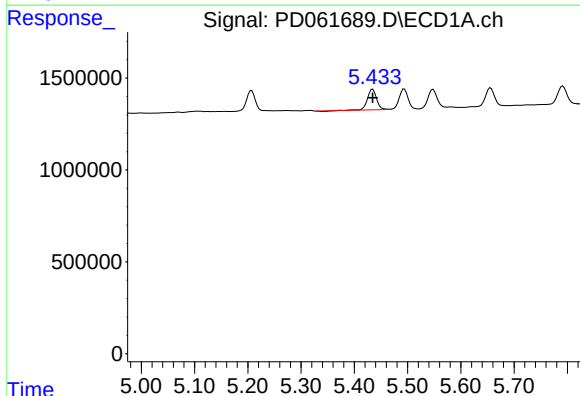
R.T.: 0.000 min
Exp R.T.: 4.863 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



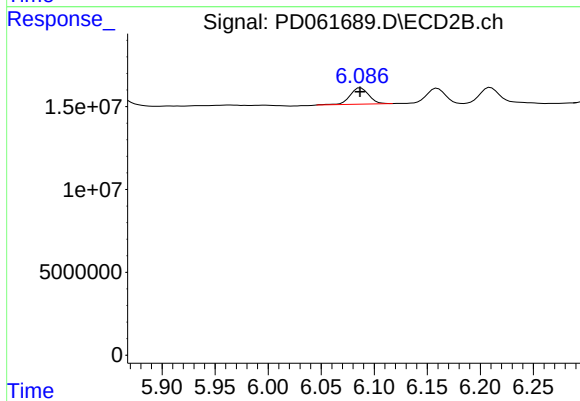
#24 Chlordane-2

R.T.: 5.467 min
Delta R.T.: 0.026 min
Response: 13697312
Conc: 36.56 ng/ml



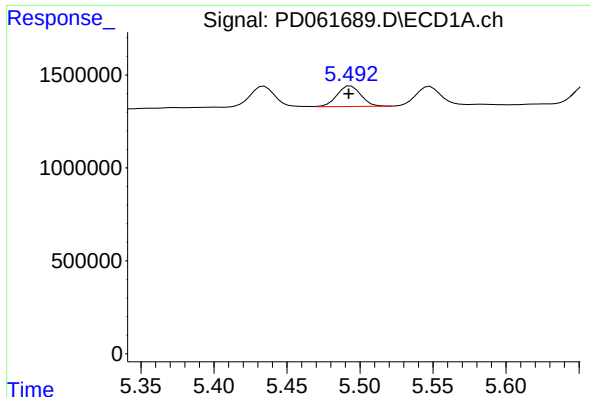
#25 Chlordane-3

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 1335293
Conc: 11.32 ng/ml



#25 Chlordane-3

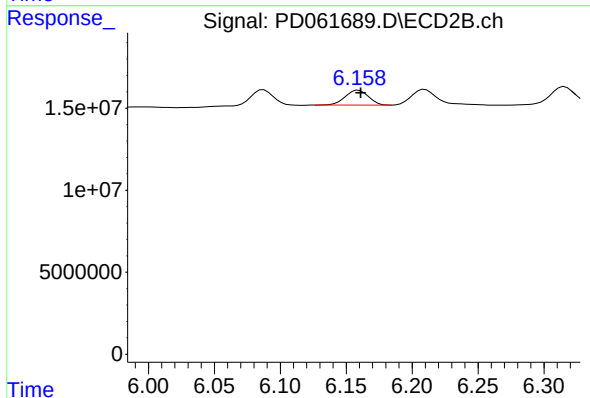
R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 12183523
Conc: 7.61 ng/ml



#26 Chlordane-4

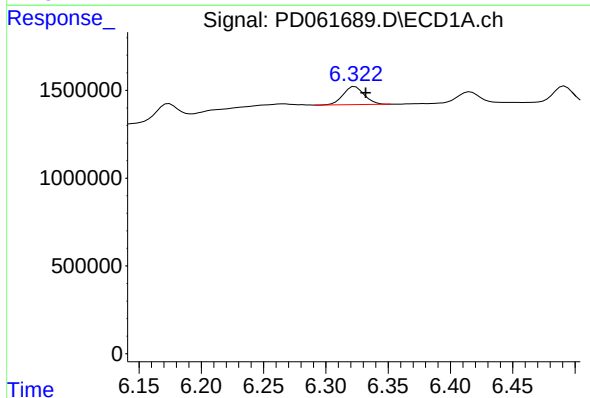
R.T.: 5.494 min
Delta R.T.: 0.001 min
Response: 1253457
Conc: 12.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



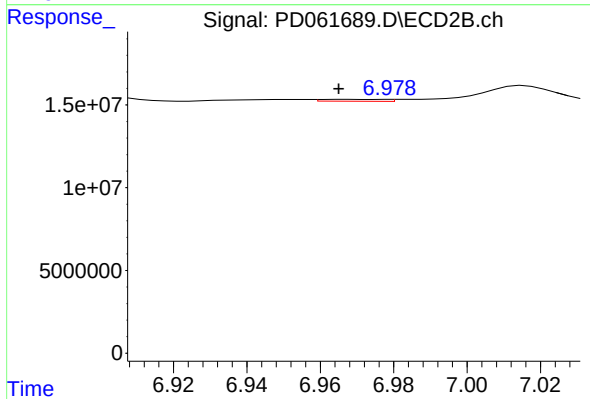
#26 Chlordane-4

R.T.: 6.160 min
Delta R.T.: -0.002 min
Response: 11131700
Conc: 6.02 ng/ml



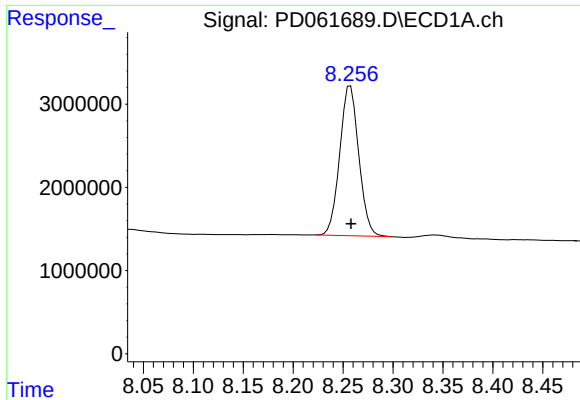
#27 Chlordane-5

R.T.: 6.323 min
Delta R.T.: -0.009 min
Response: 1216533
Conc: 27.51 ng/ml



#27 Chlordane-5

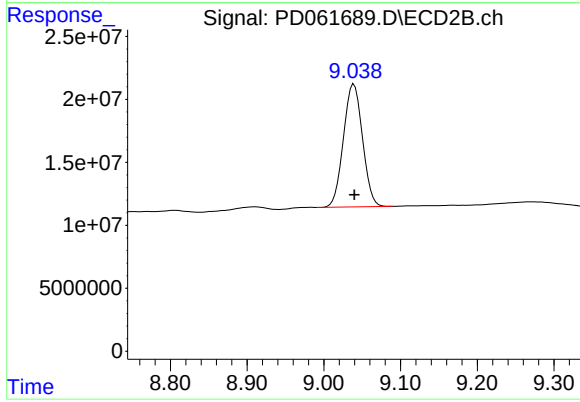
R.T.: 6.968 min
Delta R.T.: 0.003 min
Response: 1409886
Conc: 4.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 23895159
Conc: 19.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.039 min
Delta R.T.: 0.000 min
Response: 169482559
Conc: 19.50 ng/ml