

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041321\
 Data File : PD062137.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Apr 2021 09:36
 Operator : AR\AJ
 Sample : AR1660 STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 AR1660 STD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 14 05:08:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD040321CLP.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 03 05:02:01 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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...	3.488	3.980	72838975	797.3E6	74.413	79.893
27)	SA Decachlor...	8.260	9.039	206.9E6	1375.8E6	154.289	149.459
Target Compounds							
2)	A alpha-BHC	3.919	4.324f	468350	42306500	0.329	2.560 #
3)	MA gamma-BHC...	4.195	4.654	5222298	-23166058	3.750	N.D. #
4)	MA Heptachlor	4.522	5.122f	131.5E6	-27891011	92.854	N.D. #
5)	MB Aldrin	4.769	5.489	15341860	223.0E6	11.222	15.524 #
6)	B beta-BHC	4.412f	4.870f	5458446	-10535478	8.216	N.D. #
7)	B delta-BHC	4.682	5.051	42152087	410.1E6	30.688	26.778
8)	B Heptachlor...	5.196	5.843	407935	276.3E6	0.310	20.588 #
9)	A Endosulfan I	5.570	6.189	491862	5616419	0.389	0.455
11)	B cis-Chlor...	5.479	6.189	3865115	5616419	2.863	0.435 #
12)	B 4,4'-DDE	5.619f	6.317	-1111548	63616734	N.D.	4.964
13)	MA Dieldrin	5.806	6.456	41319218	532.7E6	29.499	40.345 #
14)	MA Endrin	6.047	6.674	16395482	136.3E6	14.052	12.885
15)	B Endosulfa...	6.316	6.878	13899234	37895449	12.411	3.734 #
16)	A 4,4'-DDD	6.106f	6.811	79348369	943.5E6	72.689	89.944
17)	MA 4,4'-DDT	6.415	7.076	99861169	1310.6E6	93.700	131.906 #
18)	B Endrin al...	6.510	7.030	44025825	92211175	45.071	10.619 #
19)	B Endosulfa...	6.705	7.211	74603772	33599844	64.888	3.290 #
20)	A Methoxychlor	6.950	7.549	233.0E6	2850734	388.961	0.616 #
21)	B Endrin ke...	7.227	0.000	29689949	0	22.762	N.D. #
22)	Toxaphene-1	5.806	6.337	41319218	150.2E6	4824.413	2622.882 #
23)	Toxaphene-2	5.915	6.674	87289185	136.3E6	9919.657	1967.937 #
24)	Toxaphene-3	6.245	7.076	103.1E6	1310.6E6	10318.618	13811.646 #
25)	Toxaphene-4	6.368	7.155	25146472	895.9E6	1169.800	3376.349 #
26)	Toxaphene-5	7.045	7.602	8356837	35707128	349.430	315.325

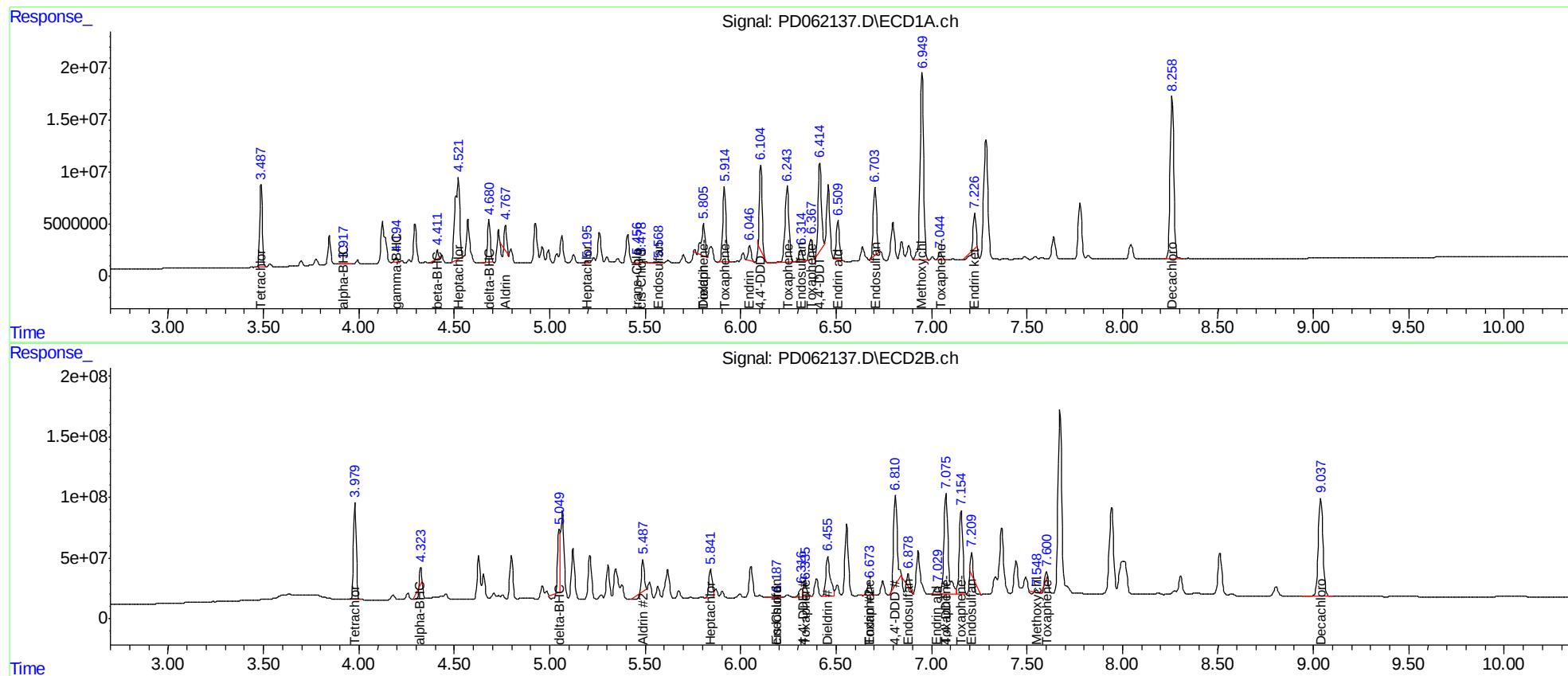
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

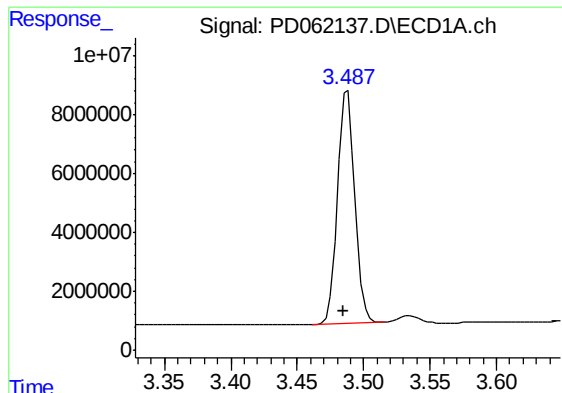
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041321\
Data File : PD062137.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Apr 2021 09:36
Operator : AR\AJ
Sample : AR1660 STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampled :
AR1660 STD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 14 05:08:34 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD040321CLP.M
Quant Title : GC Extractables
QLast Update : Sat Apr 03 05:02:01 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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

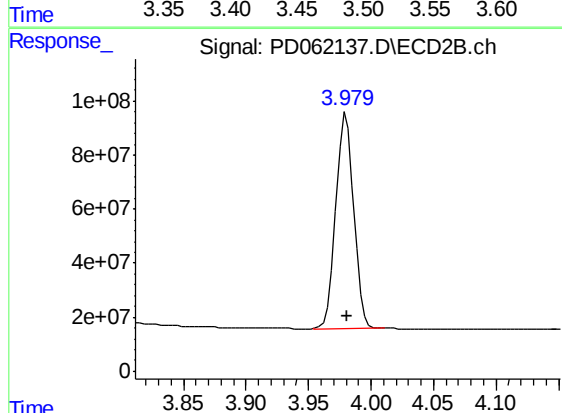




#1 Tetrachloro-m-xylene

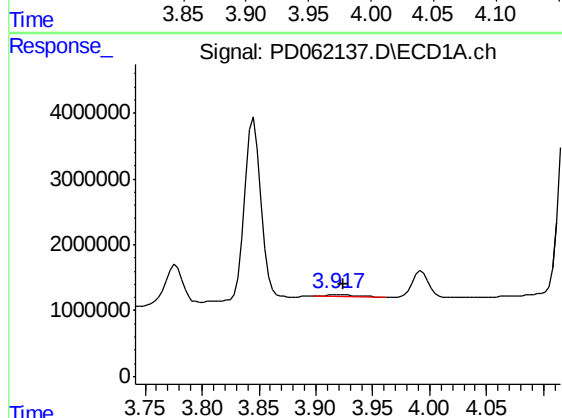
R.T.: 3.488 min
Delta R.T.: 0.003 min
Response: 72838975
Conc: 74.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
AR1660 STD



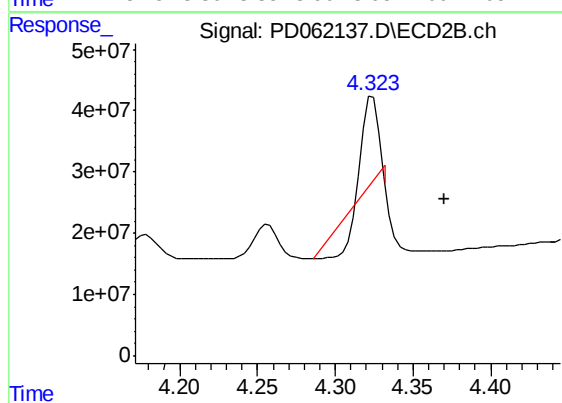
#1 Tetrachloro-m-xylene

R.T.: 3.980 min
Delta R.T.: 0.000 min
Response: 797278576
Conc: 79.89 ng/ml



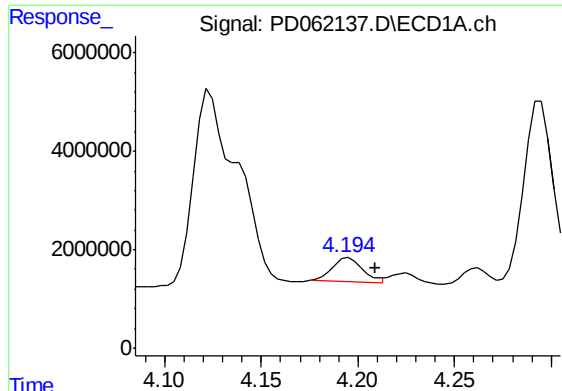
#2 alpha-BHC

R.T.: 3.919 min
Delta R.T.: -0.005 min
Response: 468350
Conc: 0.33 ng/ml



#2 alpha-BHC

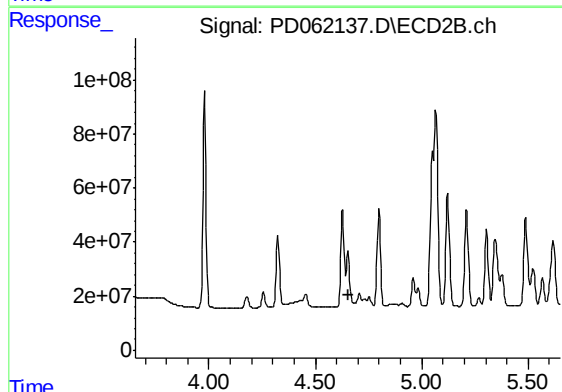
R.T.: 4.324 min
Delta R.T.: -0.046 min
Response: 42306500
Conc: 2.56 ng/ml



#3 gamma-BHC (Lindane)

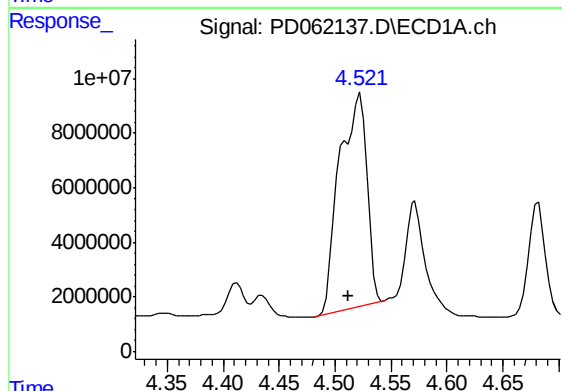
R.T.: 4.195 min
Delta R.T.: -0.014 min
Response: 5222298
Conc: 3.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
AR1660 STD



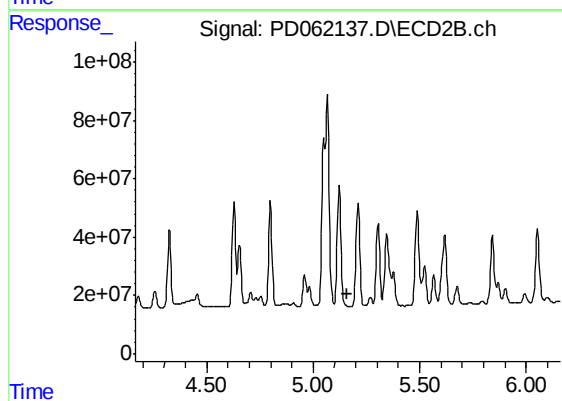
#3 gamma-BHC (Lindane)

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: -23166058
Conc: N.D.



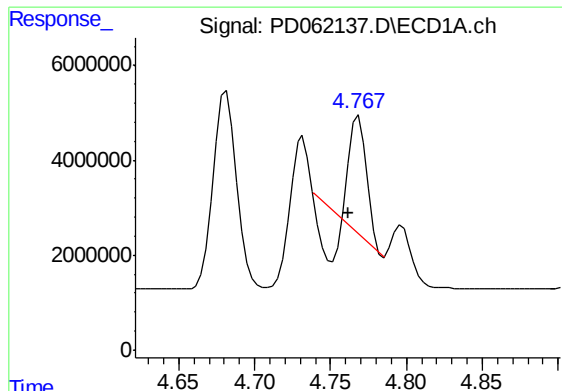
#4 Heptachlor

R.T.: 4.522 min
Delta R.T.: 0.010 min
Response: 131535308
Conc: 92.85 ng/ml



#4 Heptachlor

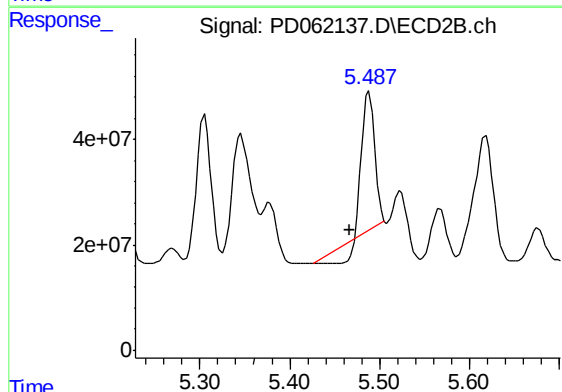
R.T.: 5.122 min
Delta R.T.: -0.040 min
Response: -27891011
Conc: N.D.



#5 Aldrin

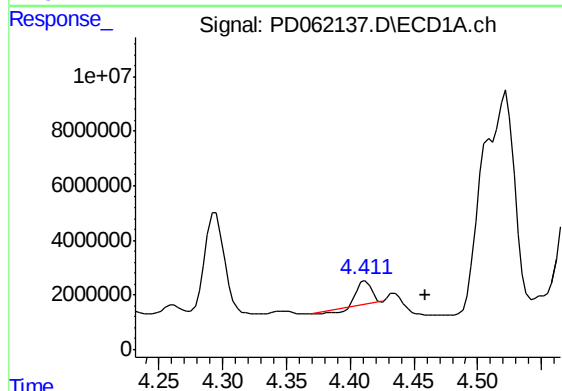
R.T.: 4.769 min
Delta R.T.: 0.006 min
Response: 15341860
Conc: 11.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
AR1660 STD



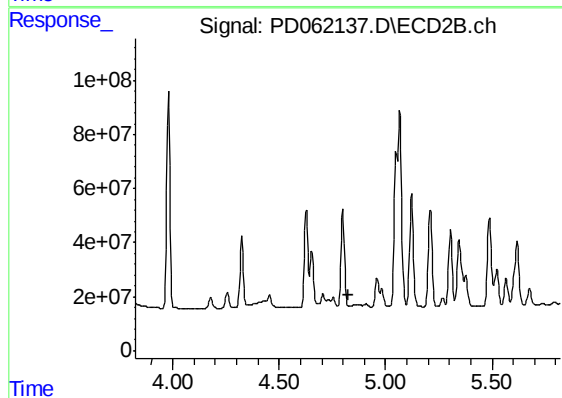
#5 Aldrin

R.T.: 5.489 min
Delta R.T.: 0.021 min
Response: 223023531
Conc: 15.52 ng/ml



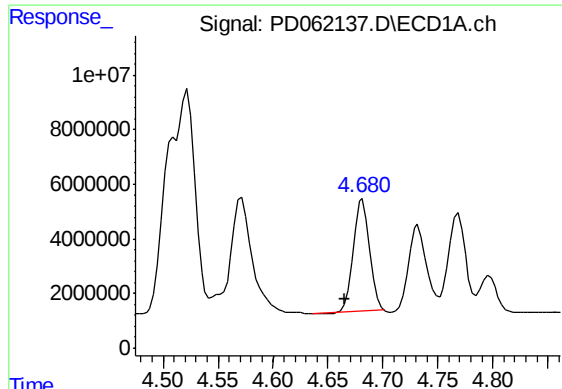
#6 beta-BHC

R.T.: 4.412 min
Delta R.T.: -0.047 min
Response: 5458446
Conc: 8.22 ng/ml



#6 beta-BHC

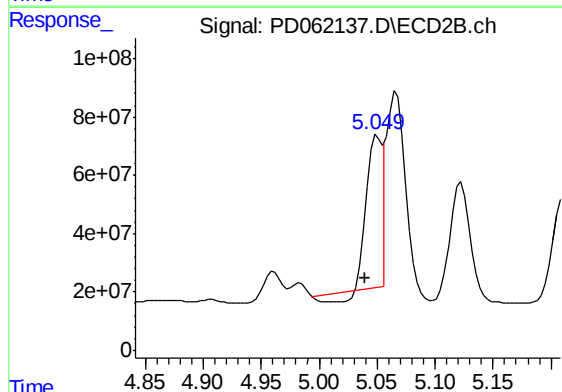
R.T.: 4.870 min
Delta R.T.: 0.047 min
Response: -10535478
Conc: N.D.



#7 delta-BHC

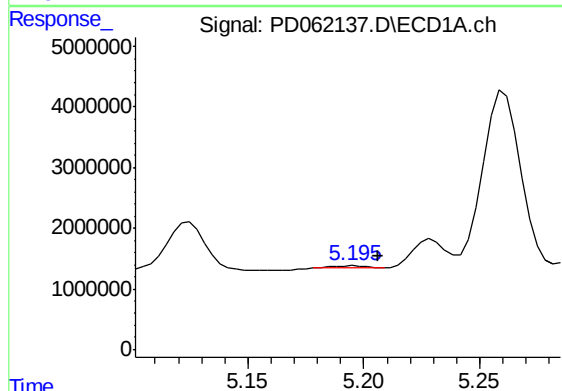
R.T.: 4.682 min
Delta R.T.: 0.016 min
Response: 42152087
Conc: 30.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
AR1660 STD



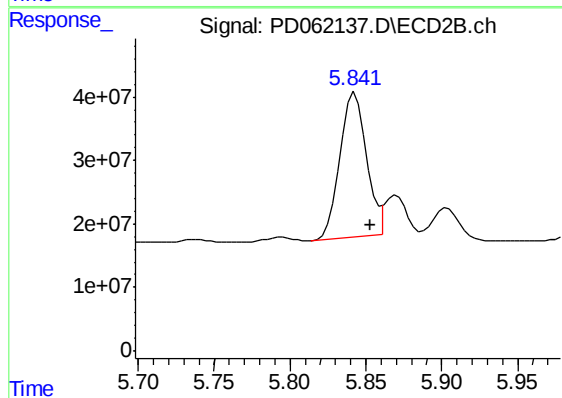
#7 delta-BHC

R.T.: 5.051 min
Delta R.T.: 0.011 min
Response: 410078608
Conc: 26.78 ng/ml



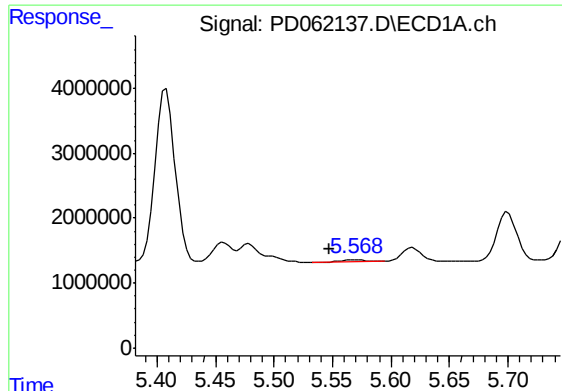
#8 Heptachlor epoxide

R.T.: 5.196 min
Delta R.T.: -0.010 min
Response: 407935
Conc: 0.31 ng/ml



#8 Heptachlor epoxide

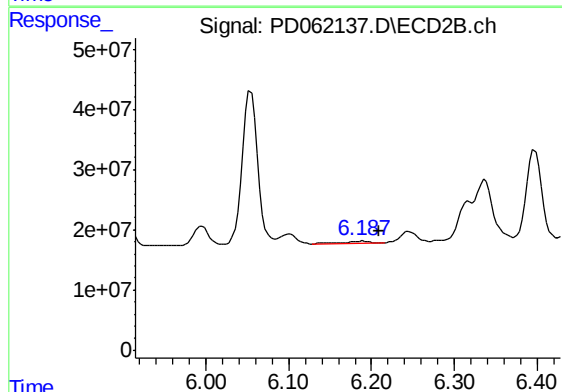
R.T.: 5.843 min
Delta R.T.: -0.010 min
Response: 276347308
Conc: 20.59 ng/ml



#9 Endosulfan I

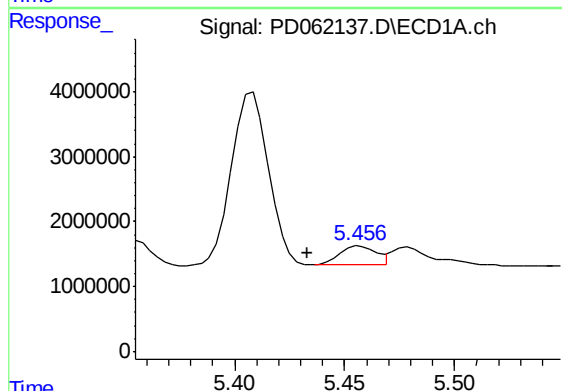
R.T.: 5.570 min
Delta R.T.: 0.023 min
Response: 491862
Conc: 0.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
AR1660 STD



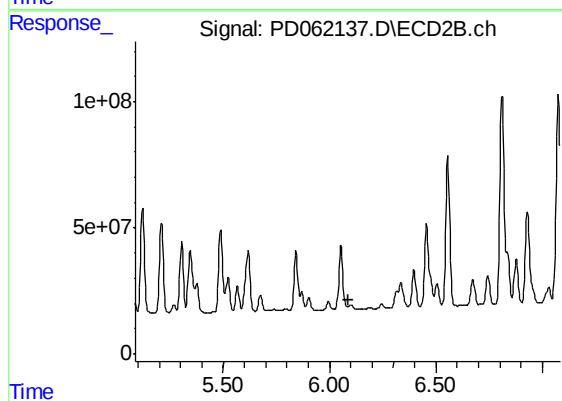
#9 Endosulfan I

R.T.: 6.189 min
Delta R.T.: -0.021 min
Response: 5616419
Conc: 0.46 ng/ml



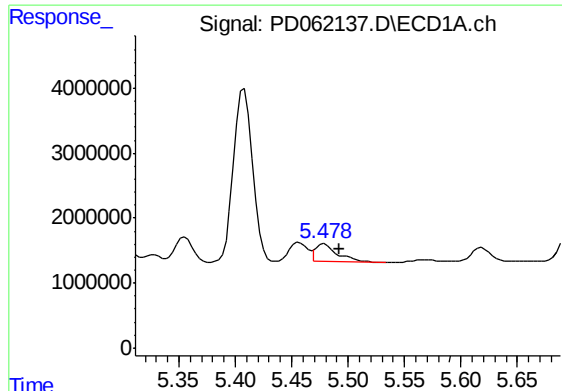
#10 trans-Chlordane

R.T.: 5.457 min
Delta R.T.: 0.024 min
Response: 3286854
Conc: 2.40 ng/ml



#10 trans-Chlordane

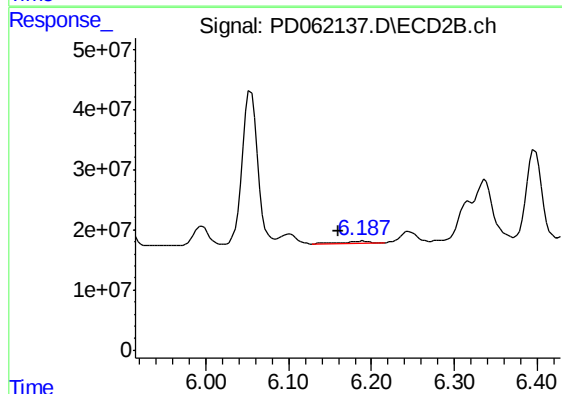
R.T.: 6.101 min
Delta R.T.: 0.014 min
Response: -91183742
Conc: N.D.



#11 cis-Chlordane

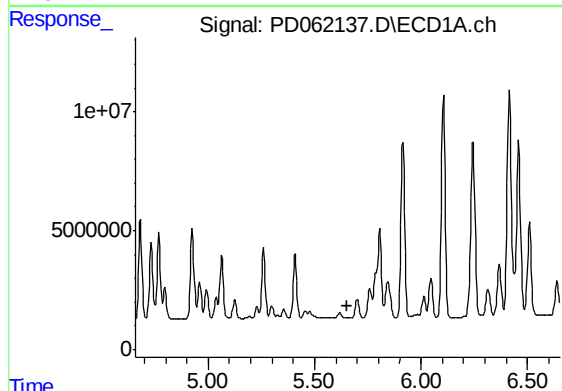
R.T.: 5.479 min
Delta R.T.: -0.013 min
Response: 3865115
Conc: 2.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
AR1660 STD



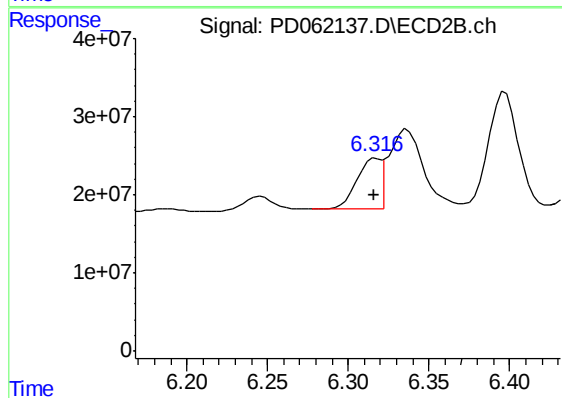
#11 cis-Chlordane

R.T.: 6.189 min
Delta R.T.: 0.029 min
Response: 5616419
Conc: 0.44 ng/ml



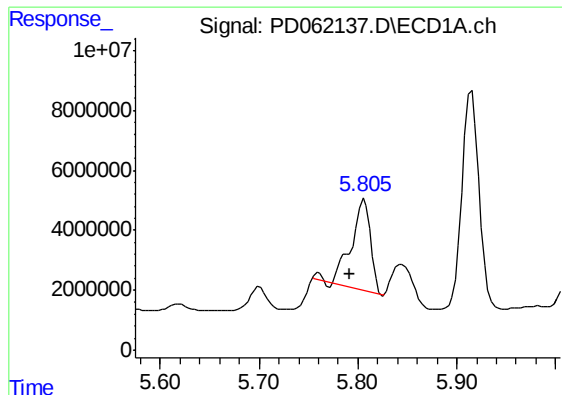
#12 4,4'-DDE

R.T.: 5.619 min
Delta R.T.: -0.037 min
Response: -1111548
Conc: N.D.



#12 4,4'-DDE

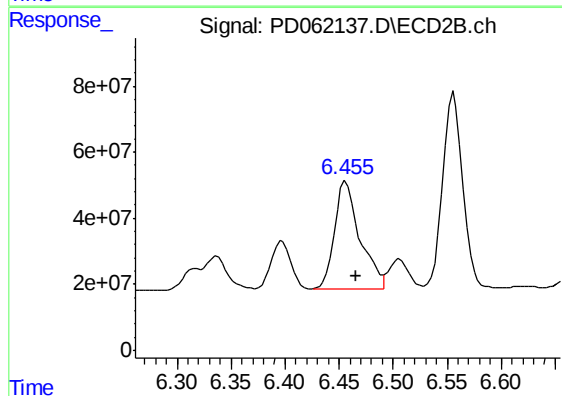
R.T.: 6.317 min
Delta R.T.: 0.001 min
Response: 63616734
Conc: 4.96 ng/ml



#13 Dieldrin

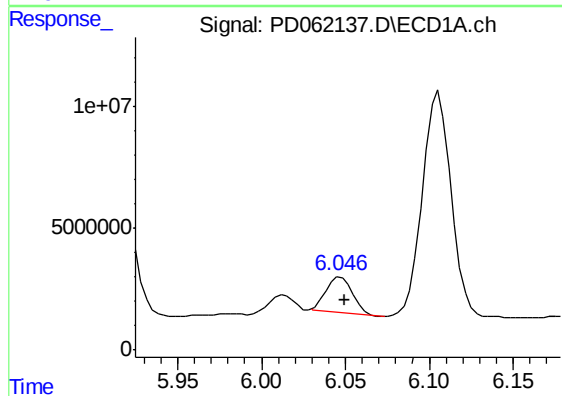
R.T.: 5.806 min
Delta R.T.: 0.015 min
Response: 41319218
Conc: 29.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
AR1660 STD



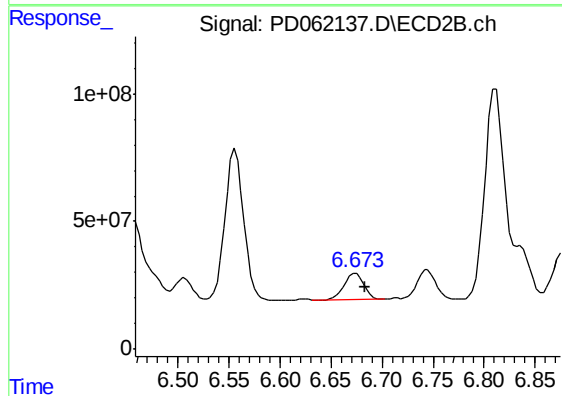
#13 Dieldrin

R.T.: 6.456 min
Delta R.T.: -0.010 min
Response: 532684766
Conc: 40.35 ng/ml



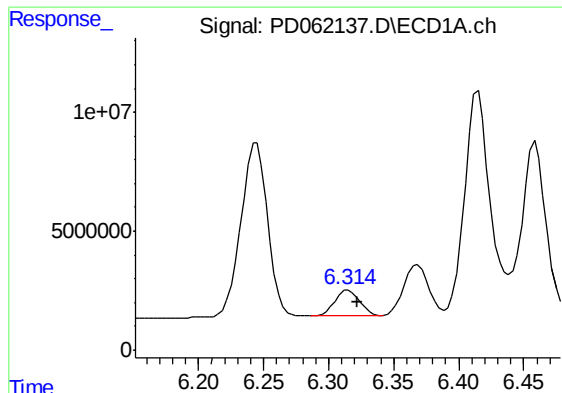
#14 Endrin

R.T.: 6.047 min
Delta R.T.: -0.002 min
Response: 16395482
Conc: 14.05 ng/ml



#14 Endrin

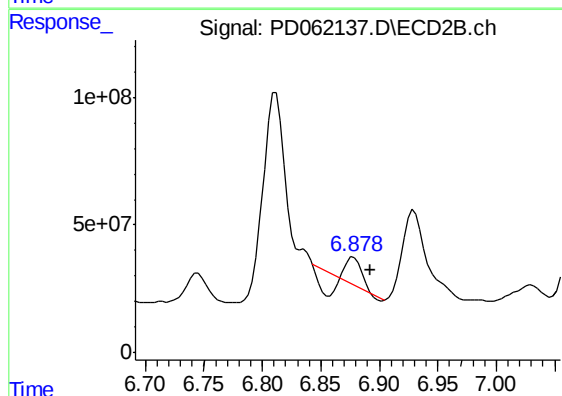
R.T.: 6.674 min
Delta R.T.: -0.010 min
Response: 136330167
Conc: 12.88 ng/ml



#15 Endosulfan II

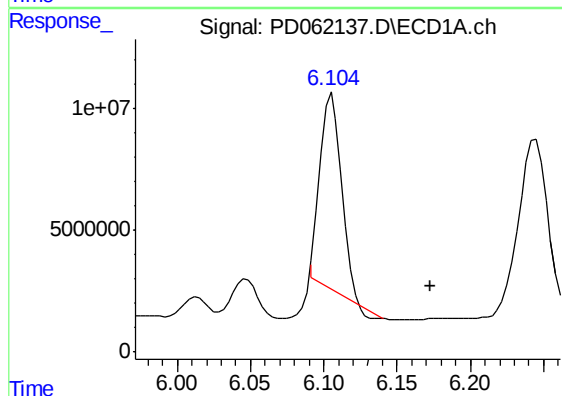
R.T.: 6.316 min
Delta R.T.: -0.007 min
Response: 13899234
Conc: 12.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
AR1660 STD



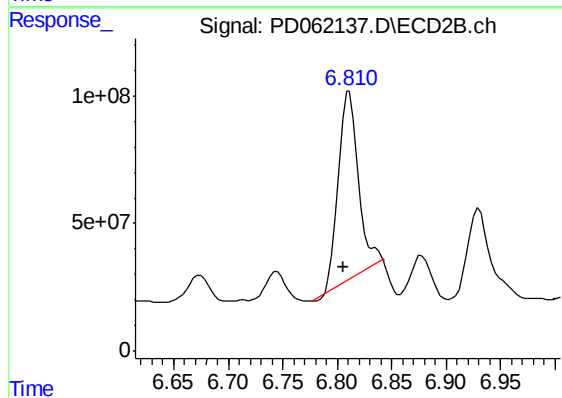
#15 Endosulfan II

R.T.: 6.878 min
Delta R.T.: -0.015 min
Response: 37895449
Conc: 3.73 ng/ml



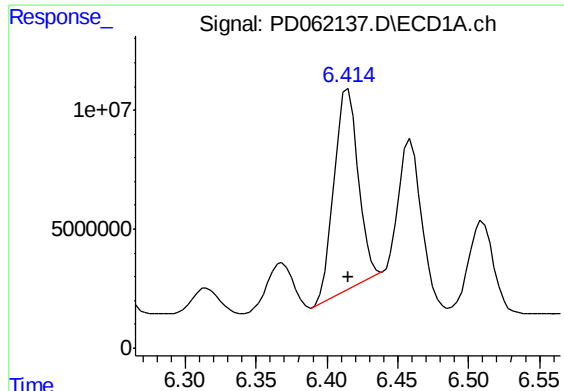
#16 4,4'-DDD

R.T.: 6.106 min
Delta R.T.: -0.068 min
Response: 79348369
Conc: 72.69 ng/ml



#16 4,4'-DDD

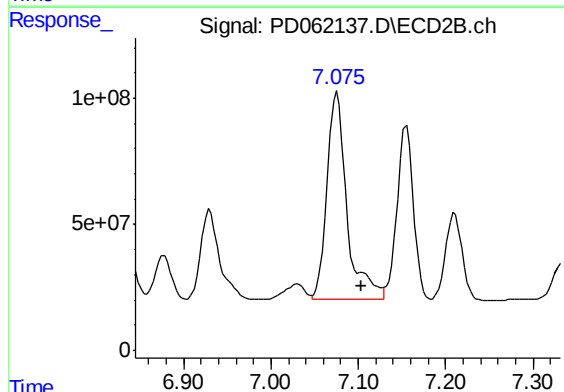
R.T.: 6.811 min
Delta R.T.: 0.006 min
Response: 943496162
Conc: 89.94 ng/ml



#17 4,4'-DDT

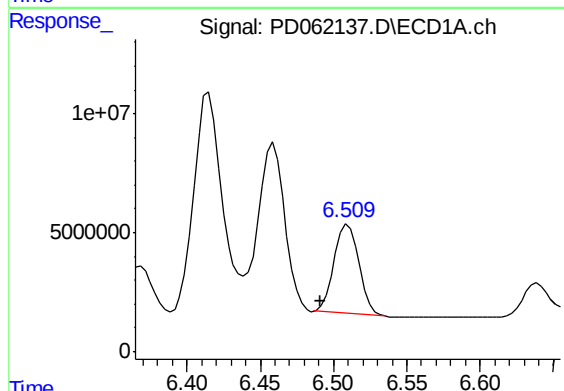
R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 99861169
Conc: 93.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
AR1660 STD



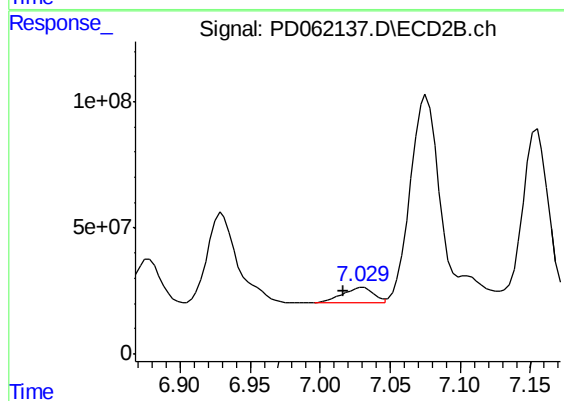
#17 4,4'-DDT

R.T.: 7.076 min
Delta R.T.: -0.028 min
Response: 1310604706
Conc: 131.91 ng/ml



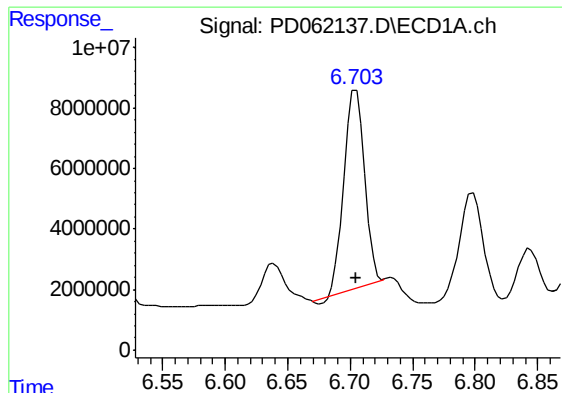
#18 Endrin aldehyde

R.T.: 6.510 min
Delta R.T.: 0.019 min
Response: 44025825
Conc: 45.07 ng/ml



#18 Endrin aldehyde

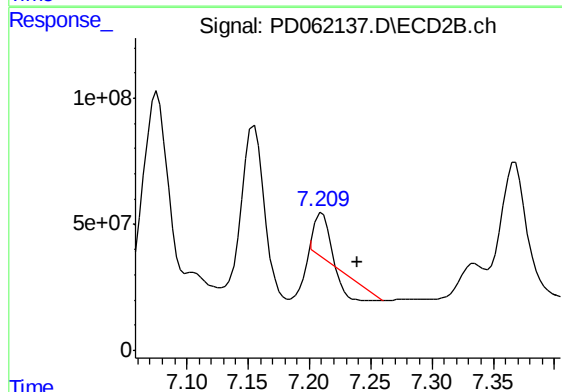
R.T.: 7.030 min
Delta R.T.: 0.014 min
Response: 92211175
Conc: 10.62 ng/ml



#19 Endosulfan Sulfate

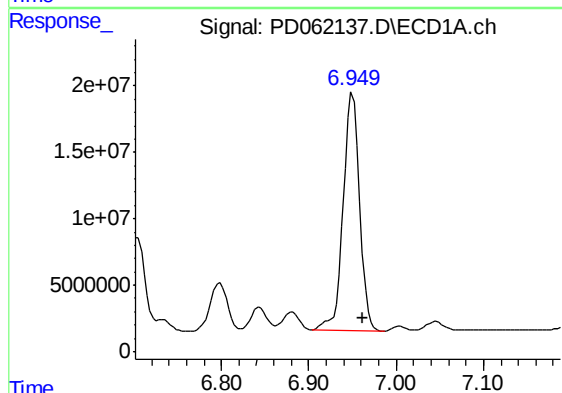
R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 74603772
Conc: 64.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
AR1660 STD



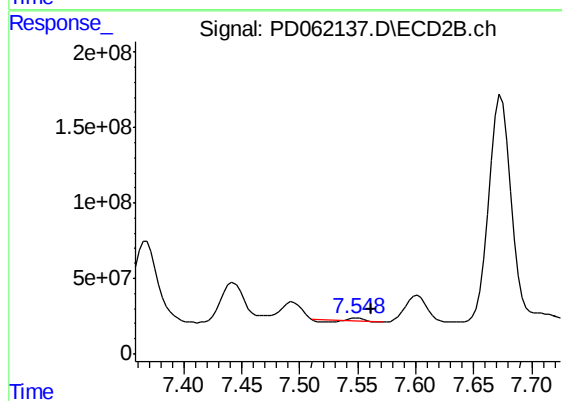
#19 Endosulfan Sulfate

R.T.: 7.211 min
Delta R.T.: -0.029 min
Response: 33599844
Conc: 3.29 ng/ml



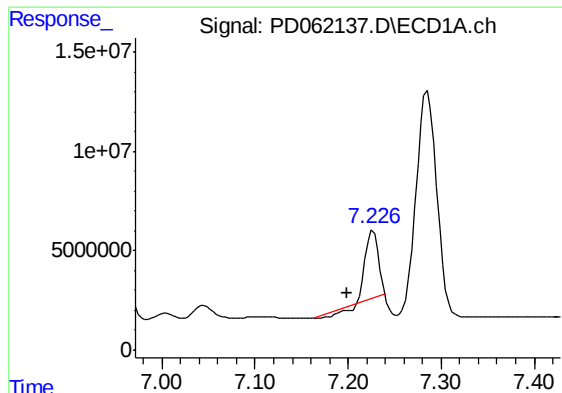
#20 Methoxychlor

R.T.: 6.950 min
Delta R.T.: -0.011 min
Response: 233033244
Conc: 388.96 ng/ml



#20 Methoxychlor

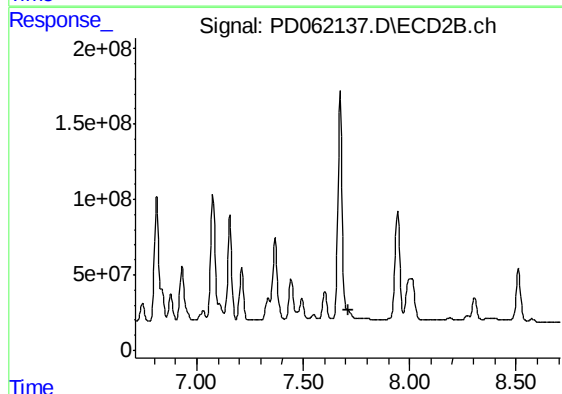
R.T.: 7.549 min
Delta R.T.: -0.013 min
Response: 2850734
Conc: 0.62 ng/ml



#21 Endrin ketone

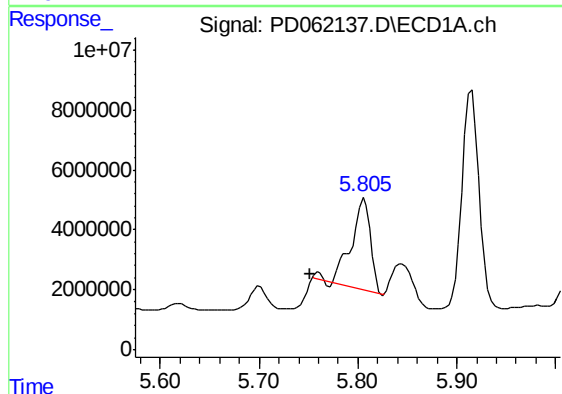
R.T.: 7.227 min
Delta R.T.: 0.028 min
Response: 29689949
Conc: 22.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
AR1660 STD



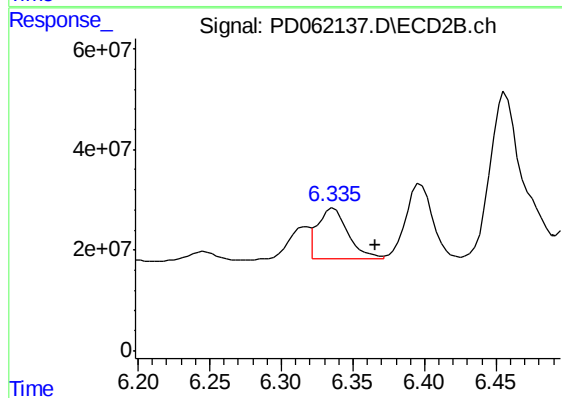
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 7.710 min
Response: 0
Conc: N.D.



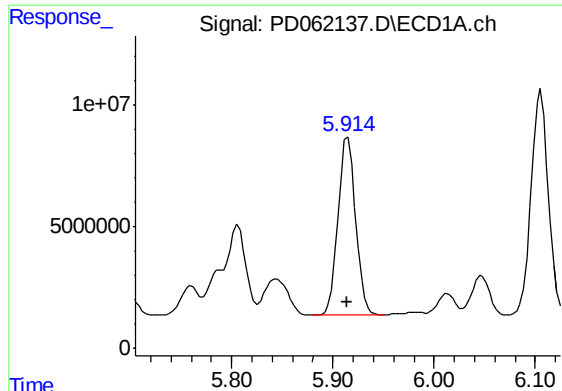
#22 Toxaphene-1

R.T.: 5.806 min
Delta R.T.: 0.054 min
Response: 41319218
Conc: 4824.41 ng/ml



#22 Toxaphene-1

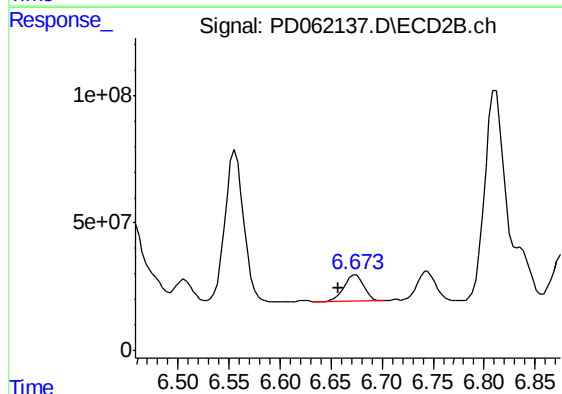
R.T.: 6.337 min
Delta R.T.: -0.029 min
Response: 150164797
Conc: 2622.88 ng/ml



#23 Toxaphene-2

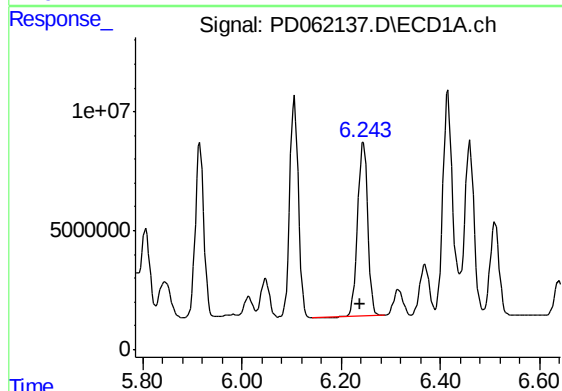
R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 87289185
Conc: 9919.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
AR1660 STD



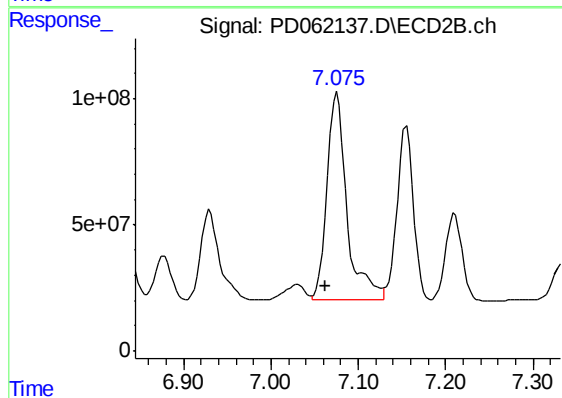
#23 Toxaphene-2

R.T.: 6.674 min
Delta R.T.: 0.017 min
Response: 136330167
Conc: 1967.94 ng/ml



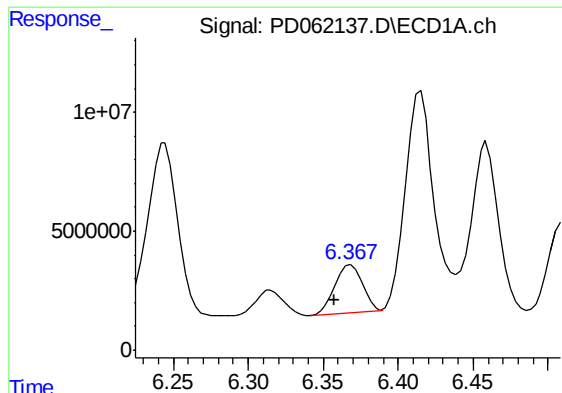
#24 Toxaphene-3

R.T.: 6.245 min
Delta R.T.: 0.008 min
Response: 103083621
Conc: 10318.62 ng/ml



#24 Toxaphene-3

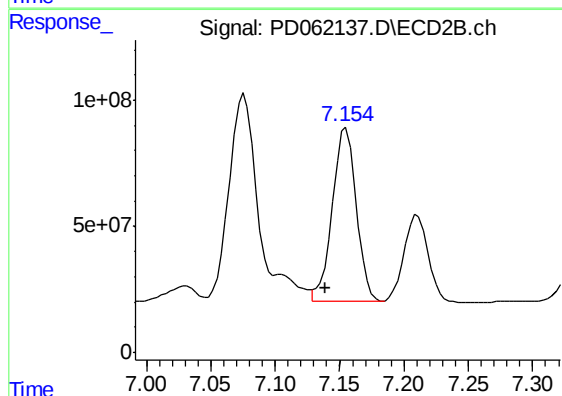
R.T.: 7.076 min
Delta R.T.: 0.013 min
Response: 1310604706
Conc: 13811.65 ng/ml



#25 Toxaphene-4

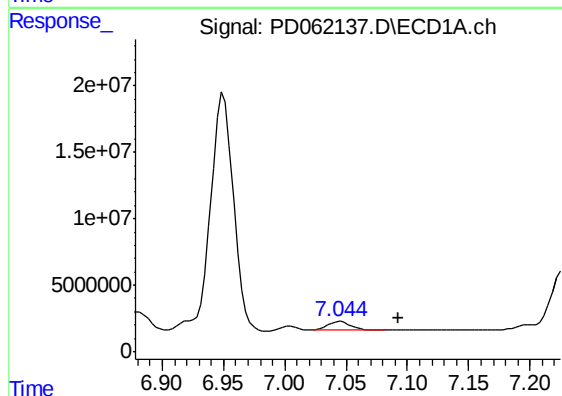
R.T.: 6.368 min
Delta R.T.: 0.011 min
Response: 25146472
Conc: 1169.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
AR1660 STD



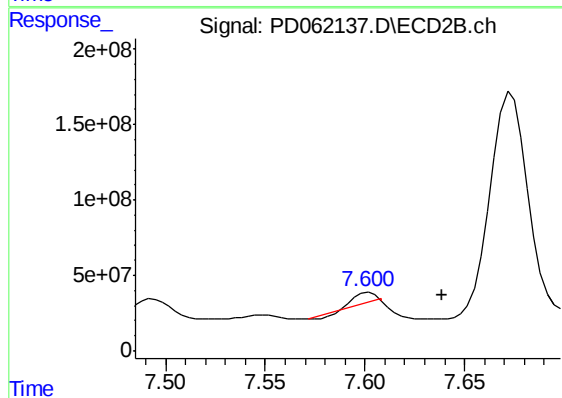
#25 Toxaphene-4

R.T.: 7.155 min
Delta R.T.: 0.016 min
Response: 895925197
Conc: 3376.35 ng/ml



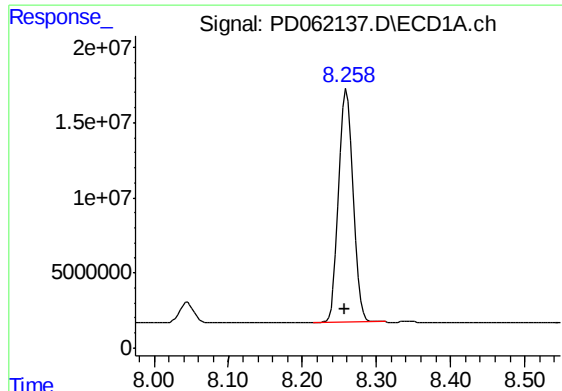
#26 Toxaphene-5

R.T.: 7.045 min
Delta R.T.: -0.047 min
Response: 8356837
Conc: 349.43 ng/ml



#26 Toxaphene-5

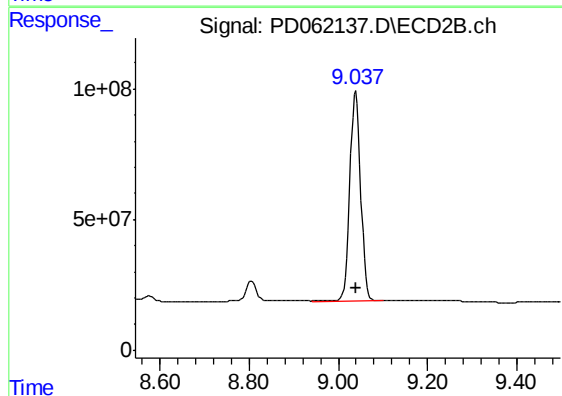
R.T.: 7.602 min
Delta R.T.: -0.037 min
Response: 35707128
Conc: 315.33 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.260 min
Delta R.T.: 0.003 min
Response: 206887364
Conc: 154.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
AR1660 STD



#27 Decachlorobiphenyl

R.T.: 9.039 min
Delta R.T.: -0.001 min
Response: 1375836079
Conc: 149.46 ng/ml