

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032919\
 Data File : PD052334.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Mar 2019 22:03
 Operator : AJ\SJ
 Sample : MDL-CHL-W-03
 Misc : 25 PPB
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 30 05:00:53 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 29 13:06:45 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	3.221	4.042	29263652	636.2E6	20.971	21.950
28)	SA Decachlor...	7.817	9.155	31716226	389.9E6	23.797	25.071
Target Compounds							
2)	A alpha-BHC	0.000	4.445	0	6586467	N.D.	0.146 #
3)	MA gamma-BHC...	3.917	0.000	1531111	0	0.700	N.D. #
4)	MA Heptachlor	4.185	5.234	2165366	69658357	1.020	1.756 #
5)	MB Aldrin	0.000	5.514f	0	46898889	N.D.	1.267 #
6)	B beta-BHC	4.185f	0.000	2165366	0	2.453	N.D. #
8)	B Heptachlo...	0.000	5.914f	0	29673363	N.D.	0.919 #
10)	B gamma-Chl...	5.061	6.164	5272503	146.0E6	2.704	4.564 #
11)	B alpha-Chl...	5.117	6.238	5179363	172.5E6	2.684	5.494 #
15)	B Endosulfa...	5.921	0.000	1318043	0	0.768	N.D. #
16)	A 4,4'-DDD	0.000	6.904f	0	6029682	N.D.	0.252 #
23)	Chlordane-1	4.042	5.044	1291941	43823821	20.574	28.566 #
24)	Chlordane-2	4.521	5.514	2144296	46898889	28.815	33.488
25)	Chlordane-3	5.061	6.164	5272503	146.0E6	23.843	33.087 #
26)	Chlordane-4	5.117	6.238	5179363	172.5E6	24.420	33.914 #
27)	Chlordane-5	5.921	7.047	1318043	25738530	20.267	27.898 #

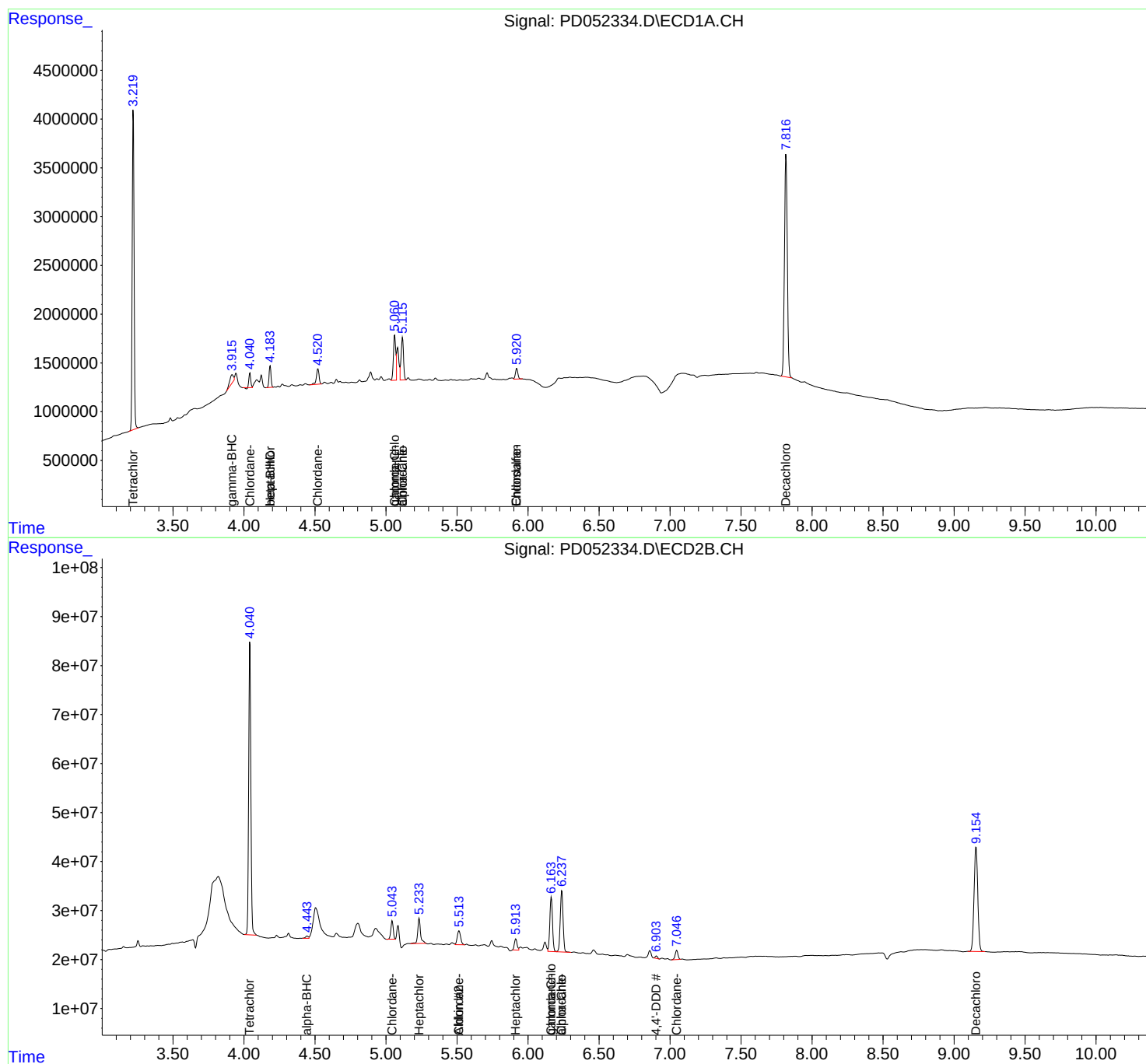
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

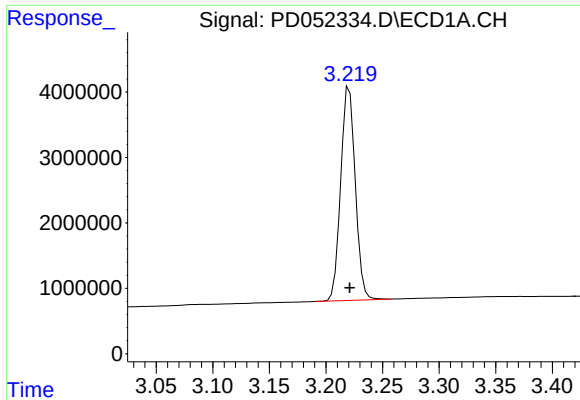
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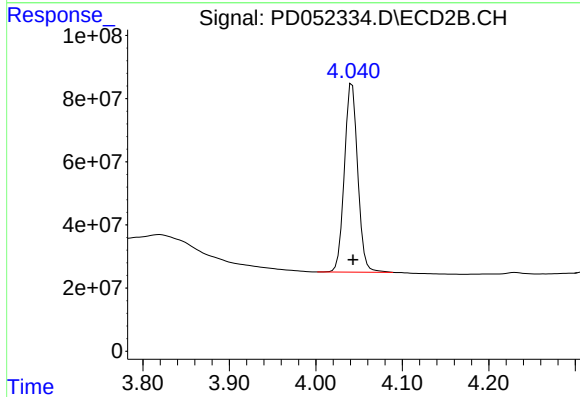




#1 Tetrachloro-m-xylene

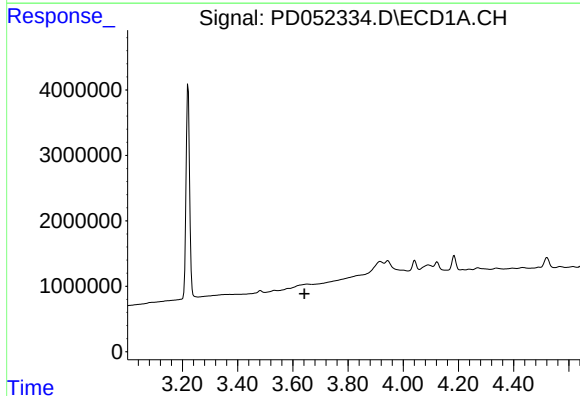
R.T.: 3.221 min
Delta R.T.: 0.000 min
Response: 29263652
Conc: 20.97 ng/ml

Instrument :
ECD_D
ClientSampleId :



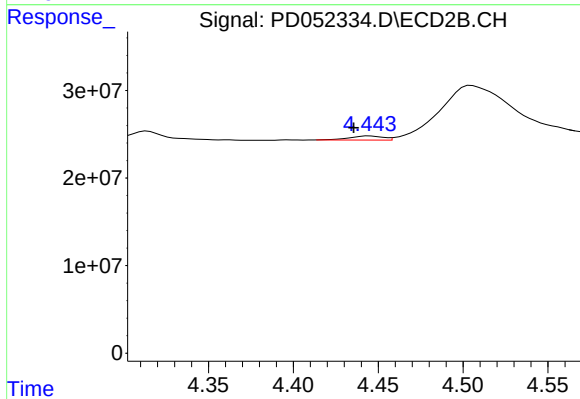
#1 Tetrachloro-m-xylene

R.T.: 4.042 min
Delta R.T.: -0.001 min
Response: 636185707
Conc: 21.95 ng/ml



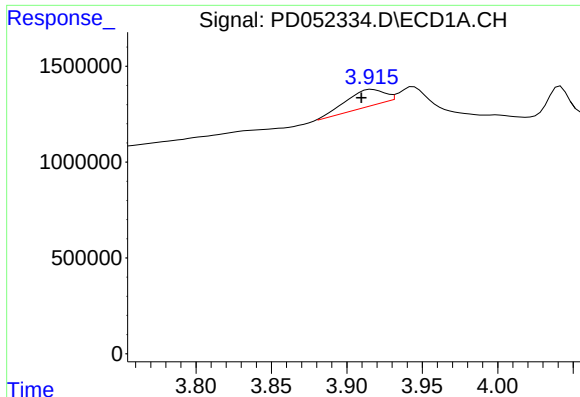
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.642 min
Response: 0
Conc: N.D.



#2 alpha-BHC

R.T.: 4.445 min
Delta R.T.: 0.009 min
Response: 6586467
Conc: 0.15 ng/ml



#3 gamma-BHC (Lindane)

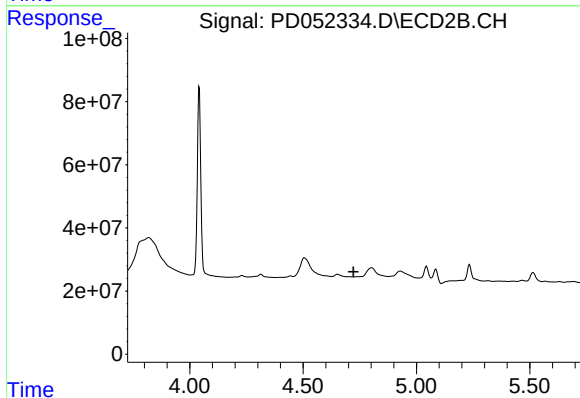
R.T.: 3.917 min

Delta R.T.: 0.007 min

Response: 1531111

Conc: 0.70 ng/ml

Instrument :
ECD_D
ClientSampleId :



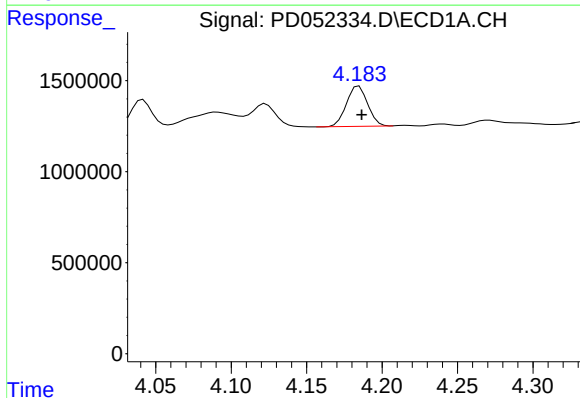
#3 gamma-BHC (Lindane)

R.T.: 0.000 min

Exp R.T. : 4.723 min

Response: 0

Conc: N.D.



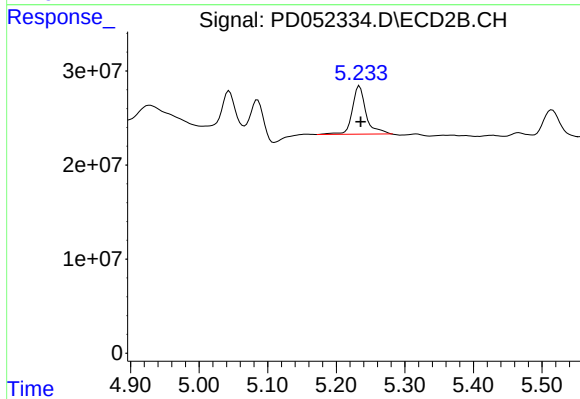
#4 Heptachlor

R.T.: 4.185 min

Delta R.T.: -0.002 min

Response: 2165366

Conc: 1.02 ng/ml



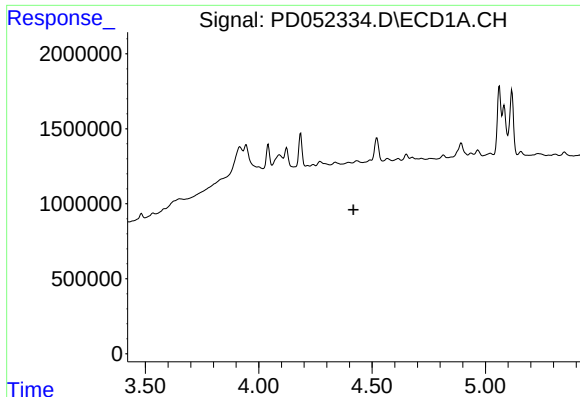
#4 Heptachlor

R.T.: 5.234 min

Delta R.T.: -0.002 min

Response: 69658357

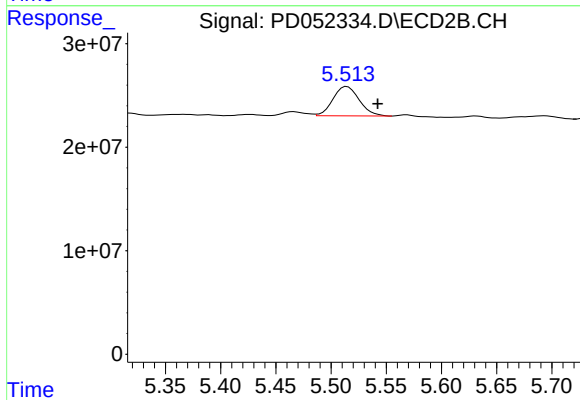
Conc: 1.76 ng/ml



#5 Aldrin

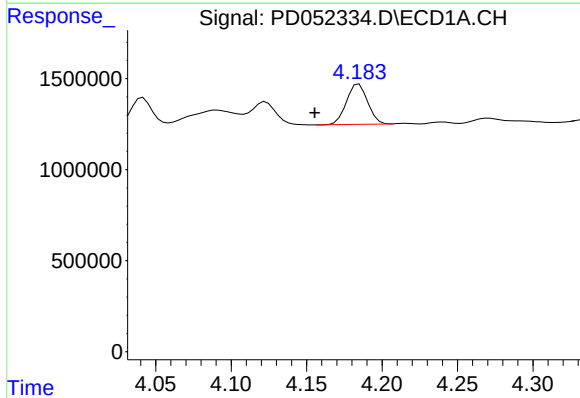
R.T.: 0.000 min
Exp R.T.: 4.418 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



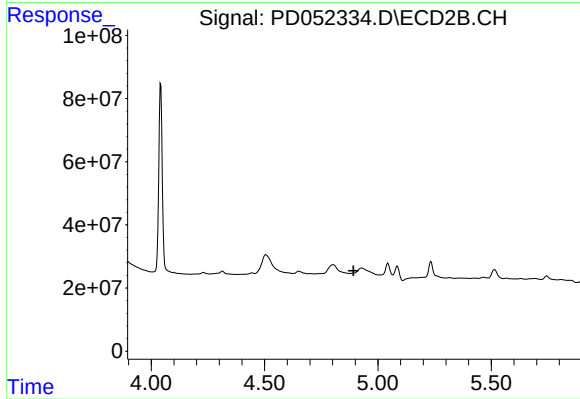
#5 Aldrin

R.T.: 5.514 min
Delta R.T.: -0.028 min
Response: 46898889
Conc: 1.27 ng/ml



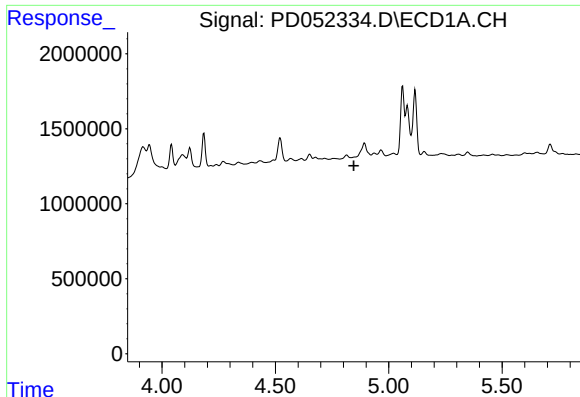
#6 beta-BHC

R.T.: 4.185 min
Delta R.T.: 0.029 min
Response: 2165366
Conc: 2.45 ng/ml



#6 beta-BHC

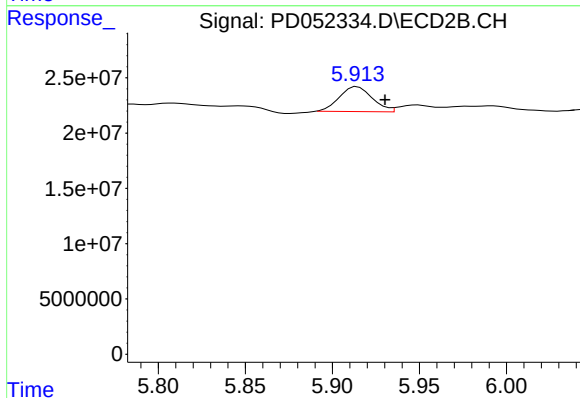
R.T.: 0.000 min
Exp R.T.: 4.893 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

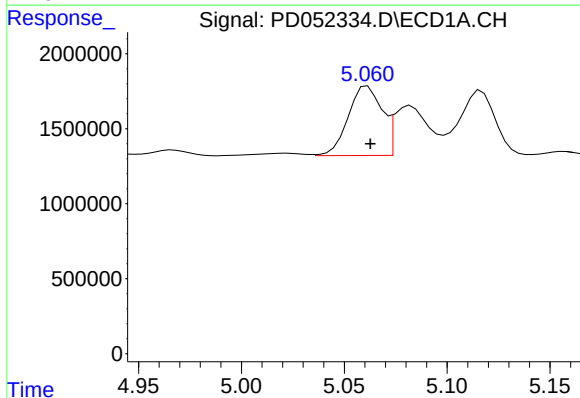
R.T.: 0.000 min
Exp R.T.: 4.846 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



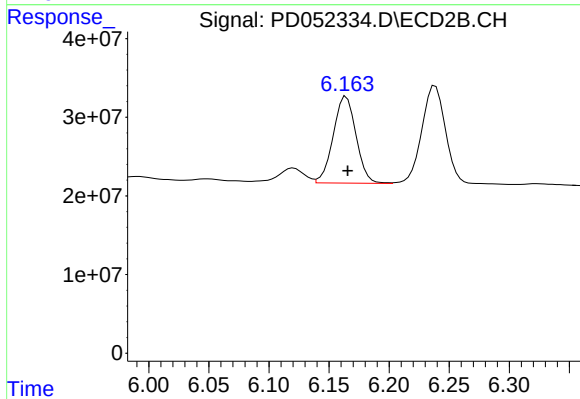
#8 Heptachlor epoxide

R.T.: 5.914 min
Delta R.T.: -0.016 min
Response: 29673363
Conc: 0.92 ng/ml



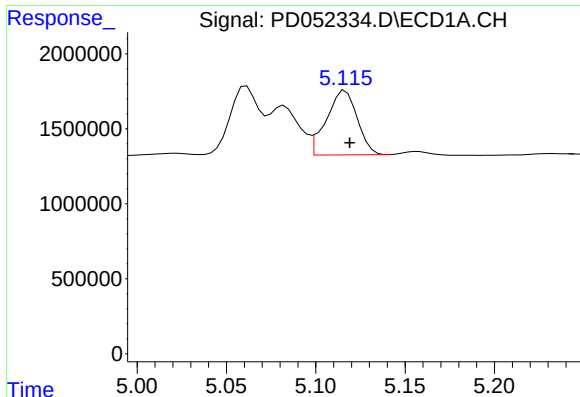
#10 gamma-Chlordane

R.T.: 5.061 min
Delta R.T.: -0.001 min
Response: 5272503
Conc: 2.70 ng/ml



#10 gamma-Chlordane

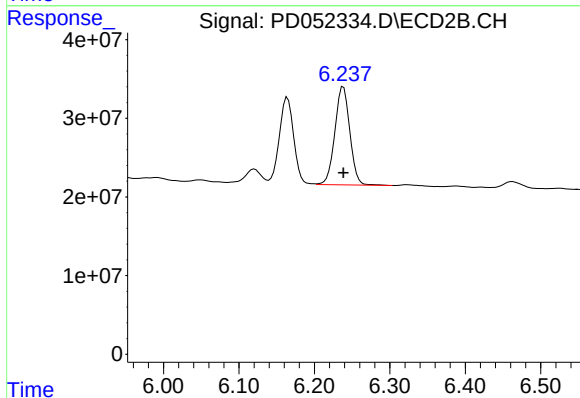
R.T.: 6.164 min
Delta R.T.: -0.001 min
Response: 146006354
Conc: 4.56 ng/ml



#11 alpha-Chlordane

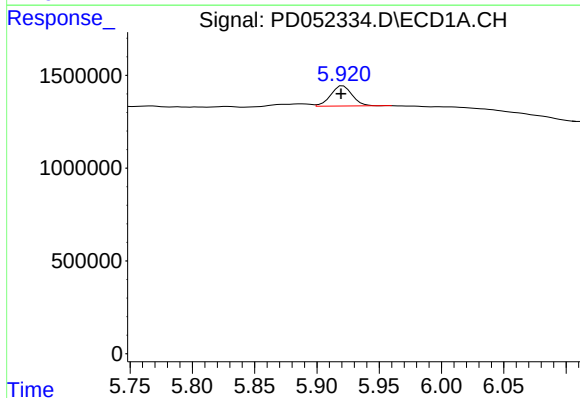
R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 5179363
Conc: 2.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



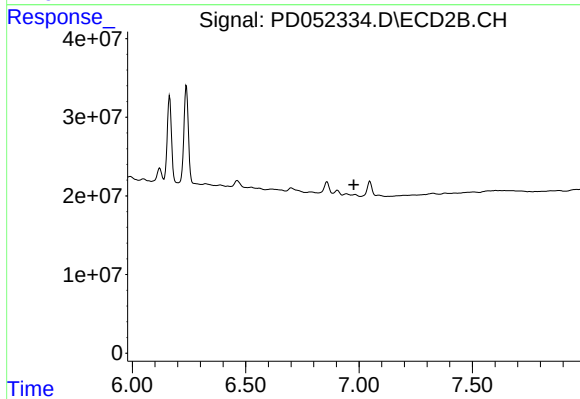
#11 alpha-Chlordane

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 172455961
Conc: 5.49 ng/ml



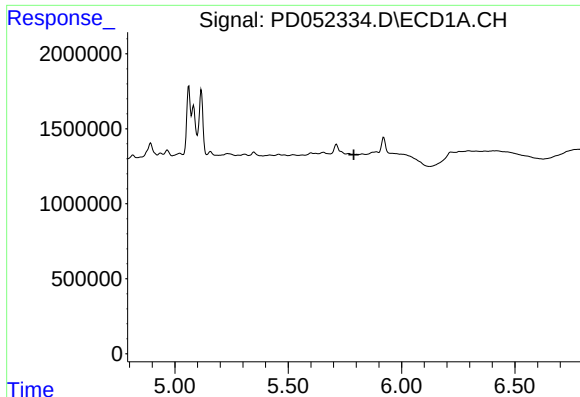
#15 Endosulfan II

R.T.: 5.921 min
Delta R.T.: 0.002 min
Response: 1318043
Conc: 0.77 ng/ml



#15 Endosulfan II

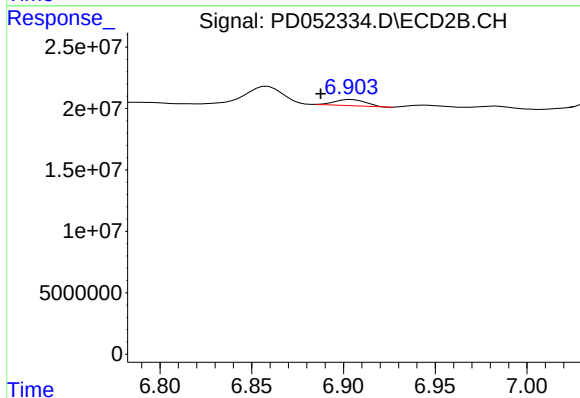
R.T.: 0.000 min
Exp R.T. : 6.977 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

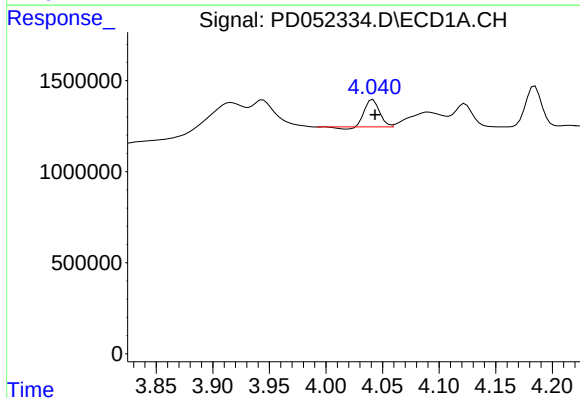
R.T.: 0.000 min
Exp R.T.: 5.789 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



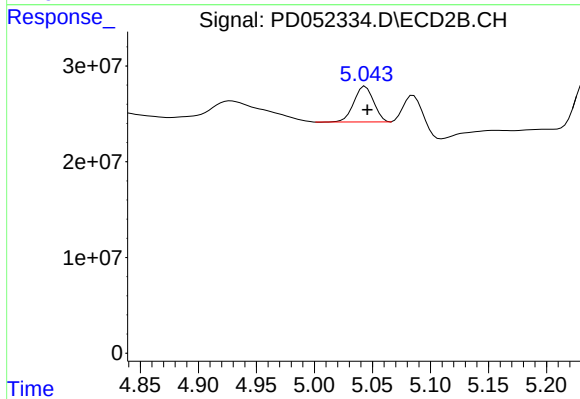
#16 4,4'-DDD

R.T.: 6.904 min
Delta R.T.: 0.017 min
Response: 6029682
Conc: 0.25 ng/ml



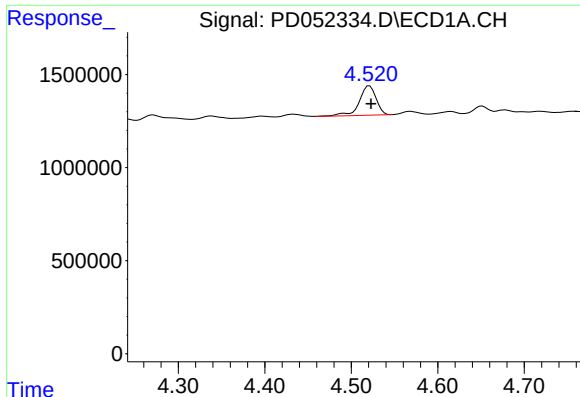
#23 Chlordane-1

R.T.: 4.042 min
Delta R.T.: -0.002 min
Response: 1291941
Conc: 20.57 ng/ml



#23 Chlordane-1

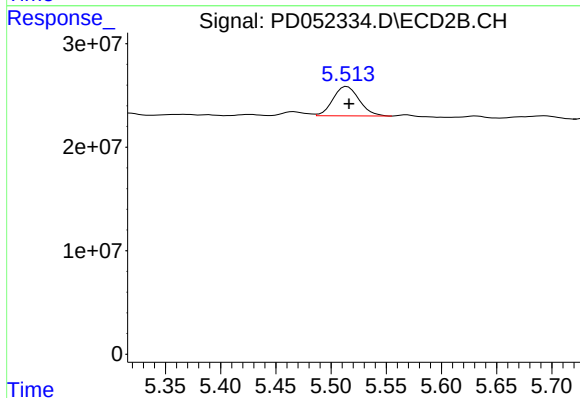
R.T.: 5.044 min
Delta R.T.: -0.002 min
Response: 43823821
Conc: 28.57 ng/ml



#24 Chlordane-2

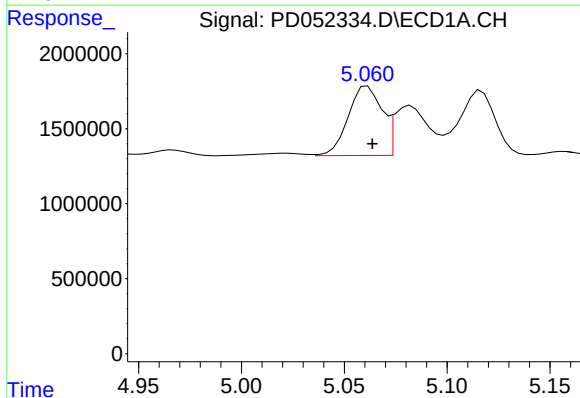
R.T.: 4.521 min
Delta R.T.: -0.002 min
Response: 2144296
Conc: 28.81 ng/ml

Instrument :
ECD_D
ClientSampleId :



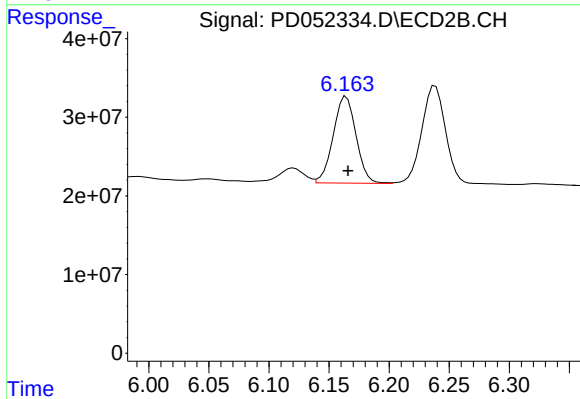
#24 Chlordane-2

R.T.: 5.514 min
Delta R.T.: -0.002 min
Response: 46898889
Conc: 33.49 ng/ml



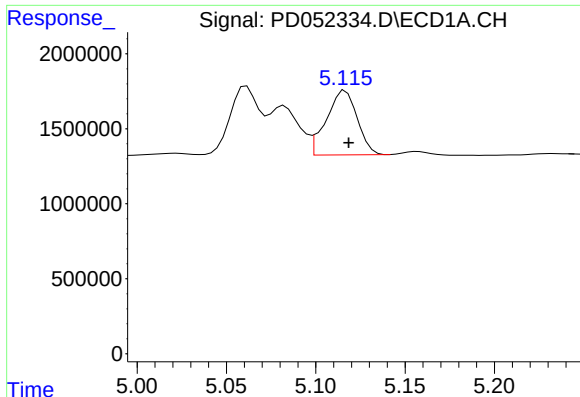
#25 Chlordane-3

R.T.: 5.061 min
Delta R.T.: -0.002 min
Response: 5272503
Conc: 23.84 ng/ml



#25 Chlordane-3

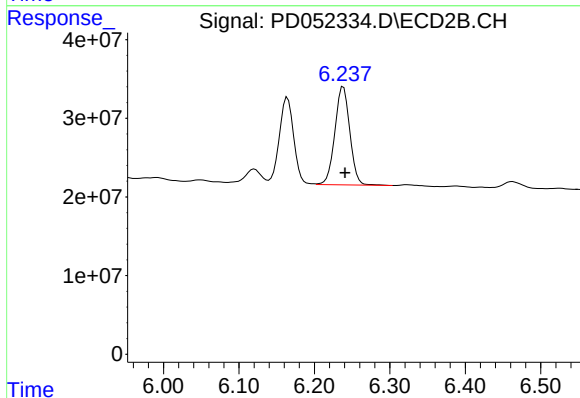
R.T.: 6.164 min
Delta R.T.: -0.001 min
Response: 146006354
Conc: 33.09 ng/ml



#26 Chlordane-4

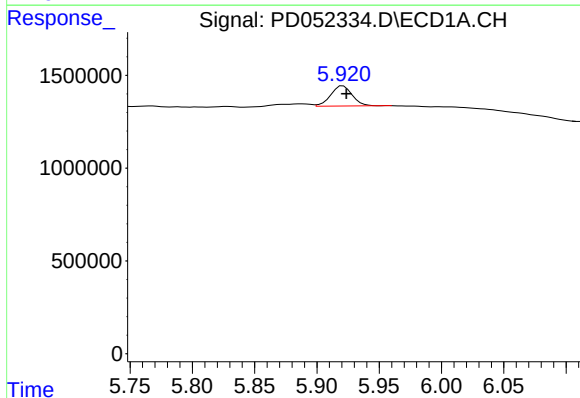
R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 5179363
Conc: 24.42 ng/ml

Instrument :
ECD_D
ClientSampleId :



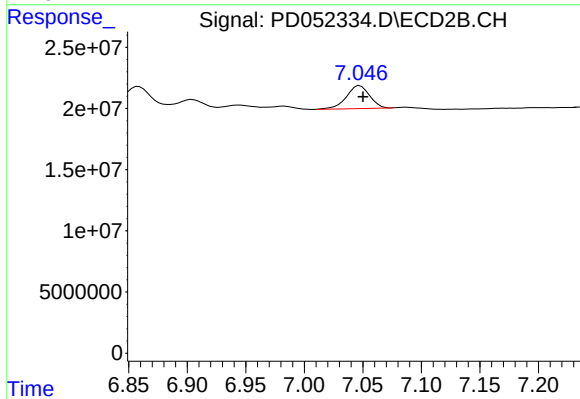
#26 Chlordane-4

R.T.: 6.238 min
Delta R.T.: -0.002 min
Response: 172455961
Conc: 33.91 ng/ml



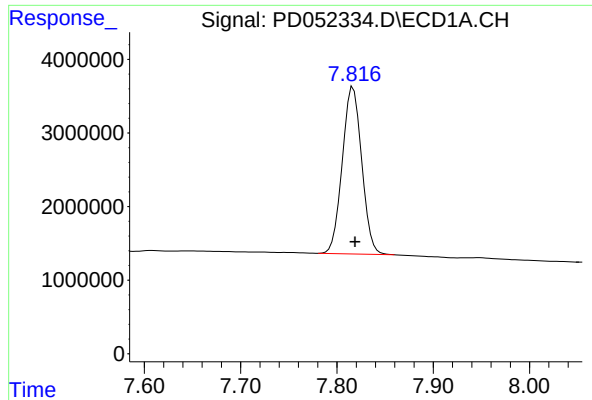
#27 Chlordane-5

R.T.: 5.921 min
Delta R.T.: -0.003 min
Response: 1318043
Conc: 20.27 ng/ml



#27 Chlordane-5

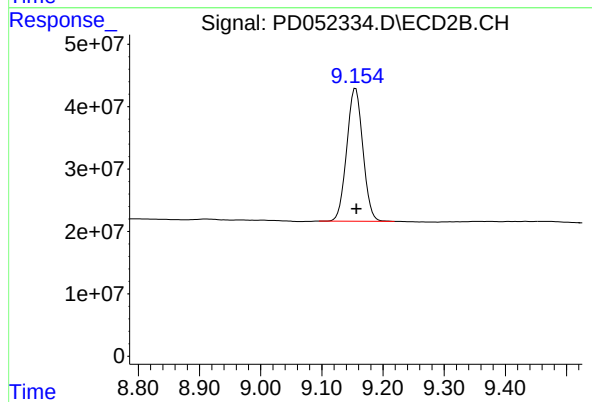
R.T.: 7.047 min
Delta R.T.: -0.003 min
Response: 25738530
Conc: 27.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.817 min
Delta R.T.: -0.002 min
Response: 31716226
Conc: 23.80 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.155 min
Delta R.T.: -0.001 min
Response: 389888590
Conc: 25.07 ng/ml