

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060421\
 Data File : PD063439.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2021 20:06
 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: Jun 04 02:32:26 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060221.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 03 01:33:41 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...	3.439	3.971	27576292	274.7E6	19.929	20.505
28)	SA Decachlor...	8.194	9.026	30653753	288.6E6	19.491	20.882
Target Compounds							
2)	A alpha-BHC	3.875	4.359	20745013	217.1E6	9.922	10.504
3)	MA gamma-BHC...	4.158	4.643	20209174	206.7E6	10.290	10.900
6)	B beta-BHC	4.410	4.814	10003671	88167290	11.499	11.198
8)	B Heptachlo...	0.000	5.838	0	125.4E6	N.D.	6.858 #
9)	A Endosulfan I	0.000	6.168f	0	2958481	N.D.	0.174 #
11)	B alpha-Chl...	0.000	6.168f	0	2958481	N.D.	0.166 #
12)	B 4,4'-DDE	0.000	6.302	0	2848314	N.D.	0.157 #
13)	MA Dieldrin	5.753f	6.459	666375	13653054	0.379	0.754 #
14)	MA Endrin	5.989	6.671	83309402	769.5E6	52.381	50.066
15)	B Endosulfa...	0.000	6.890	0	3943067	N.D.	0.267 #
16)	A 4,4'-DDD	6.116	6.795	1005066	11765867	0.693	0.791
17)	MA 4,4'-DDT	6.356	7.092	158.6E6	1417.9E6	109.748	94.199
18)	B Endrin al...	6.430	7.004	997728	8260934	0.839	0.682
20)	A Methoxychlor	6.903	7.551	202.6E6	1661.7E6	254.025	224.348
21)	B Endrin ke...	7.136	7.698	2687031	14397388	1.515	0.985 #
25)	Chlordane-3	0.000	6.104f	0	2854322	N.D.	1.155 #
26)	Chlordane-4	0.000	6.168f	0	2958481	N.D.	1.035 #

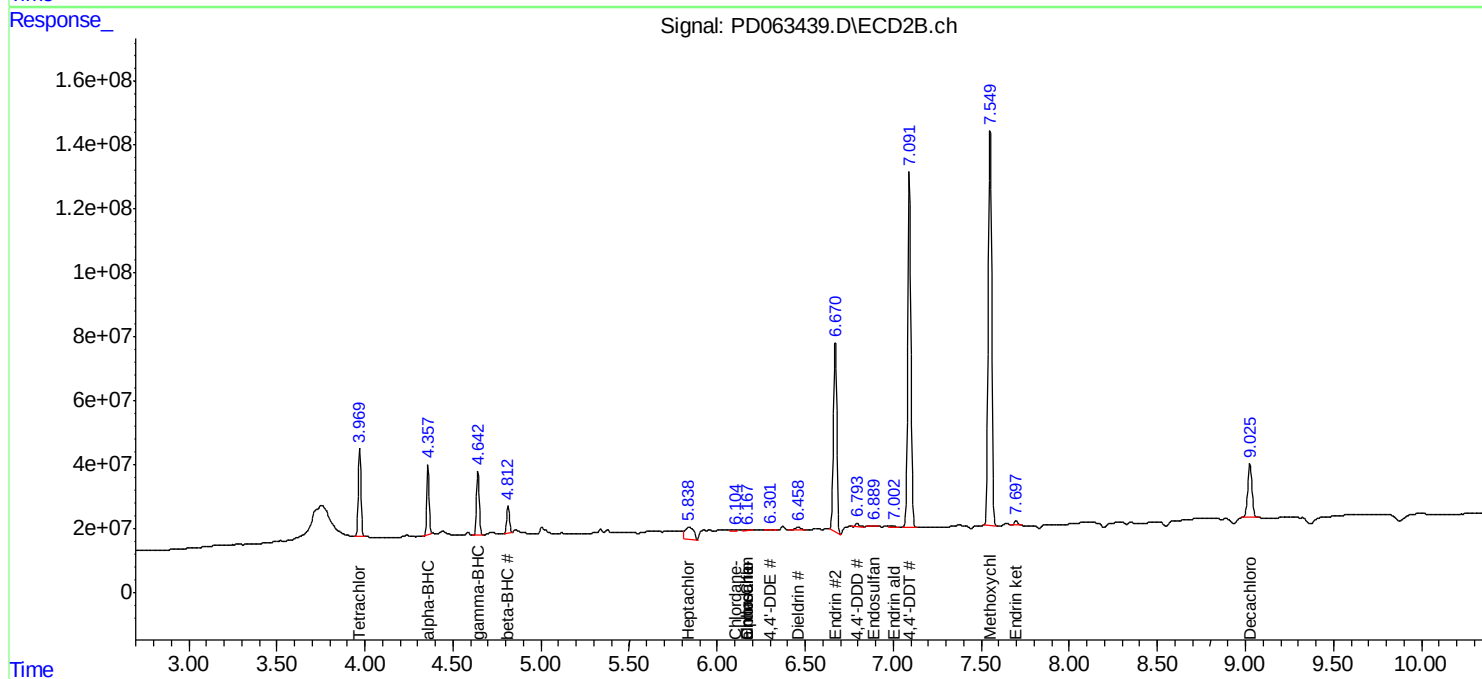
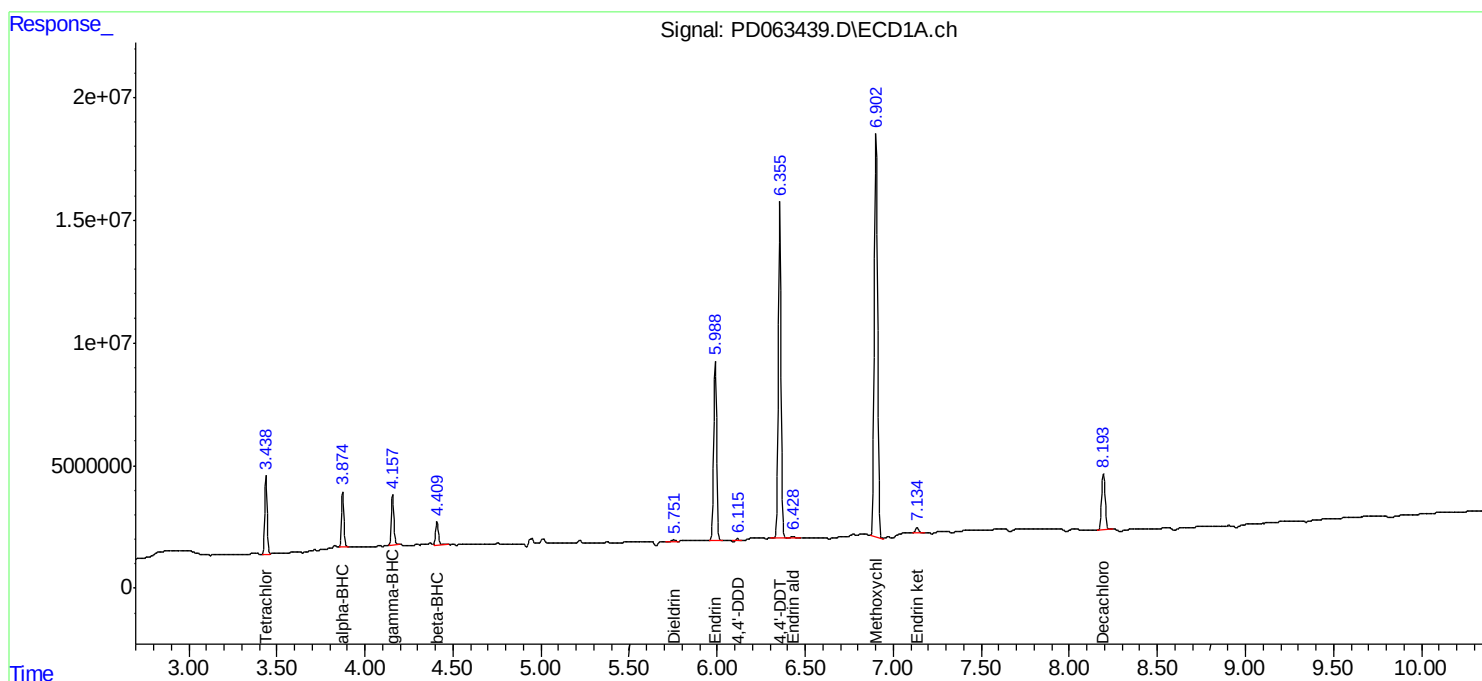
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

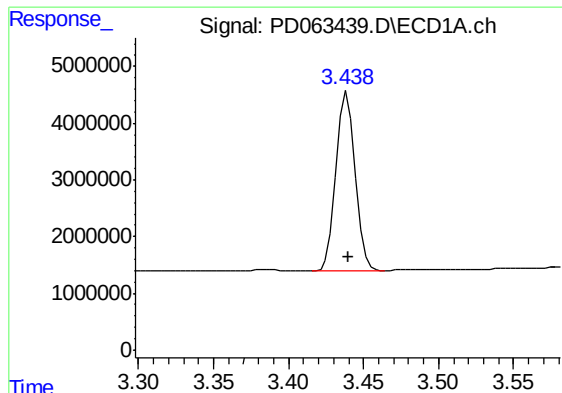
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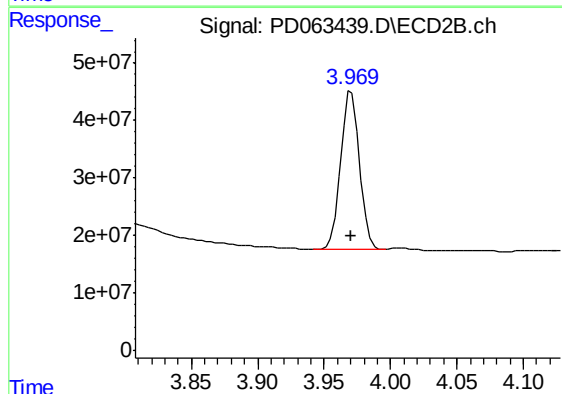




#1 Tetrachloro-m-xylene

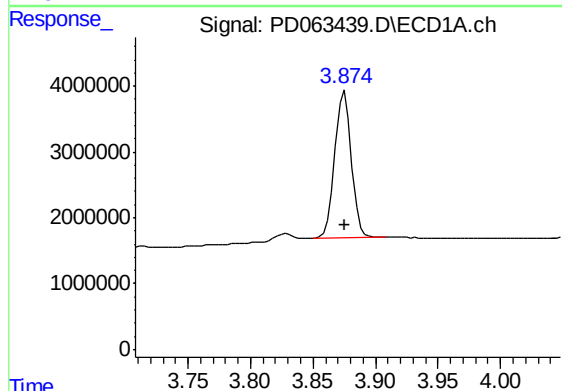
R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 27576292
Conc: 19.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



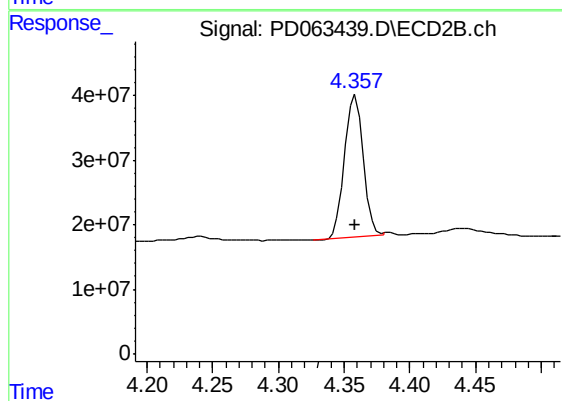
#1 Tetrachloro-m-xylene

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 274736131
Conc: 20.50 ng/ml



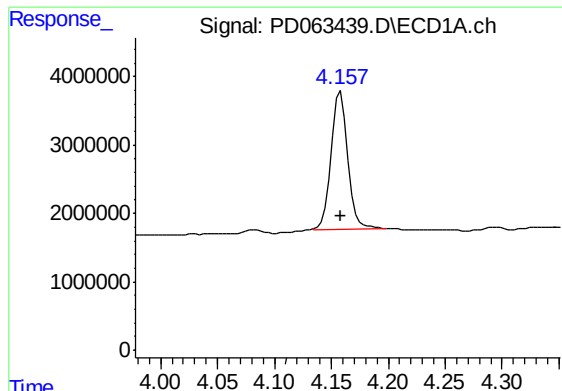
#2 alpha-BHC

R.T.: 3.875 min
Delta R.T.: 0.000 min
Response: 20745013
Conc: 9.92 ng/ml



#2 alpha-BHC

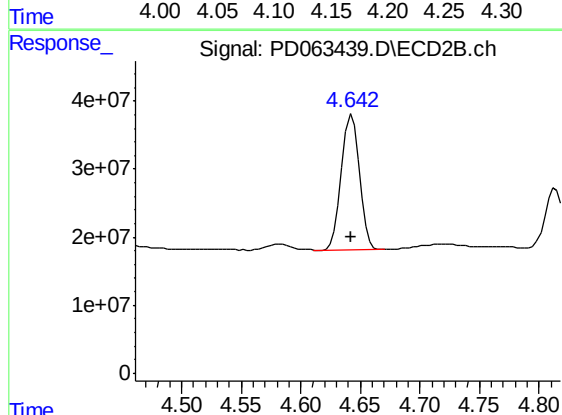
R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 217117993
Conc: 10.50 ng/ml



#3 gamma-BHC (Lindane)

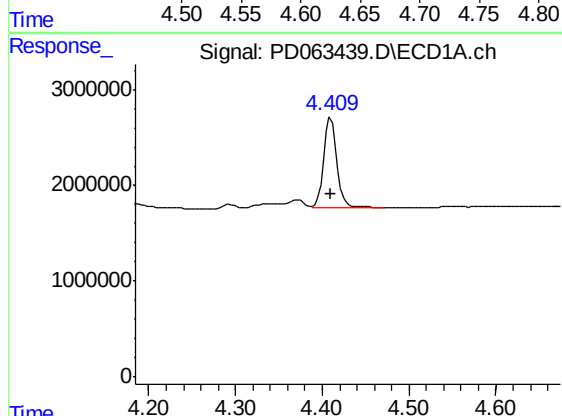
R.T.: 4.158 min
Delta R.T.: 0.000 min
Response: 20209174
Conc: 10.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



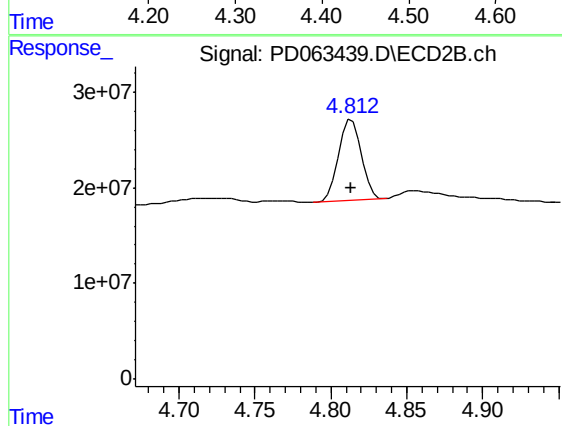
#3 gamma-BHC (Lindane)

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 206740630
Conc: 10.90 ng/ml



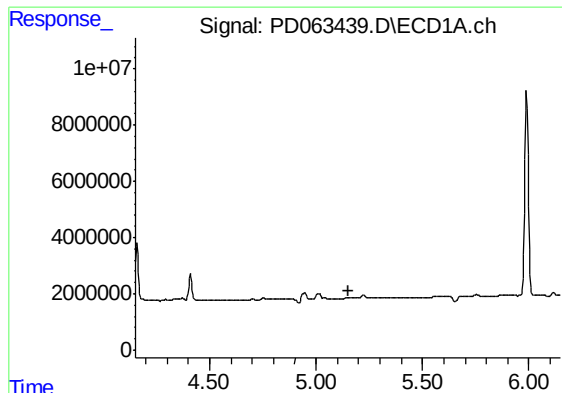
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 10003671
Conc: 11.50 ng/ml



#6 beta-BHC

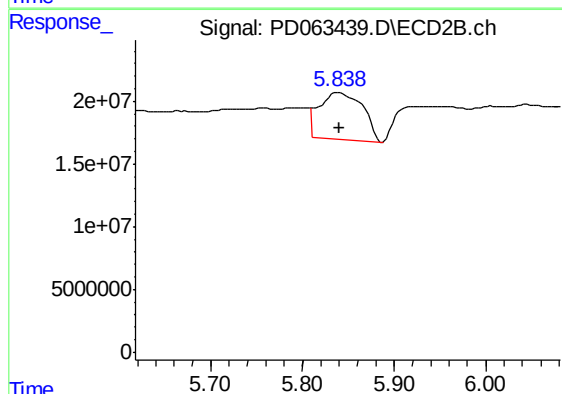
R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 88167290
Conc: 11.20 ng/ml



#8 Heptachlor epoxide

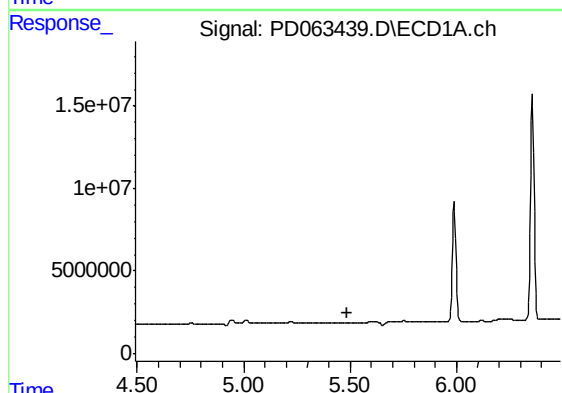
R.T.: 0.000 min
Exp R.T.: 5.150 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



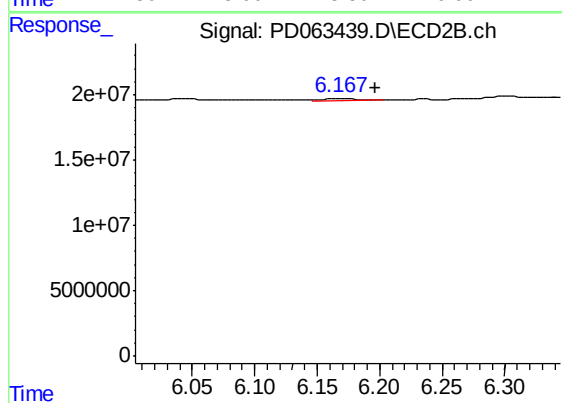
#8 Heptachlor epoxide

R.T.: 5.838 min
Delta R.T.: -0.002 min
Response: 125363916
Conc: 6.86 ng/ml



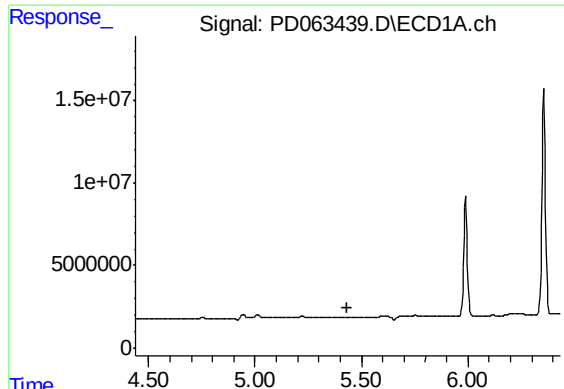
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T.: 5.489 min
Response: 0
Conc: N.D.



#9 Endosulfan I

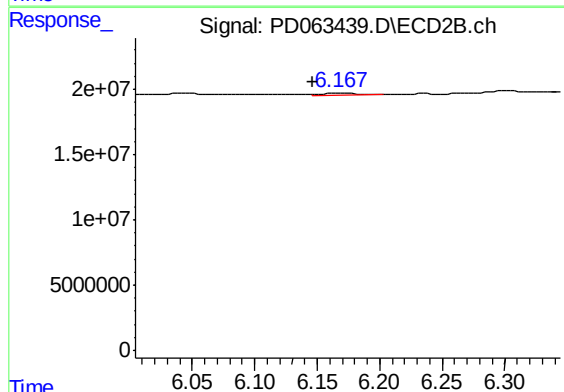
R.T.: 6.168 min
Delta R.T.: -0.028 min
Response: 2958481
Conc: 0.17 ng/ml



#11 alpha-Chlordane

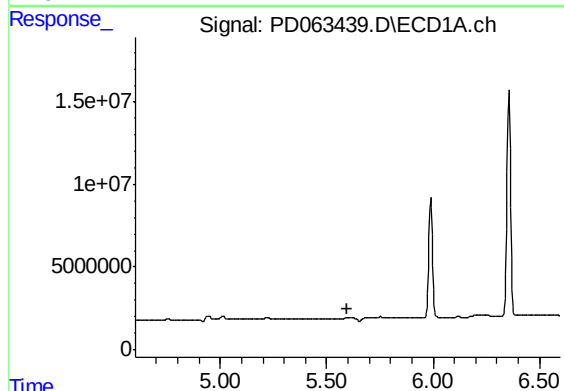
R.T.: 0.000 min
Exp R.T. : 5.436 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



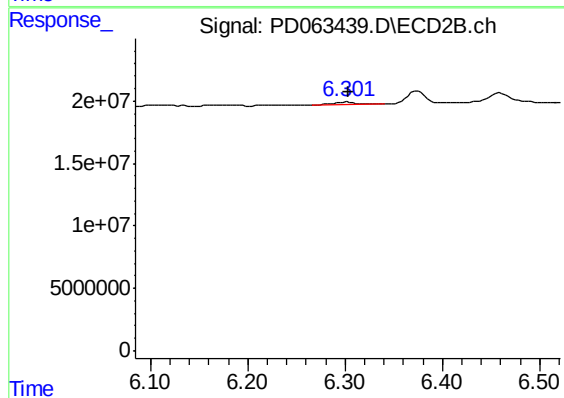
#11 alpha-Chlordane

R.T.: 6.168 min
Delta R.T.: 0.021 min
Response: 2958481
Conc: 0.17 ng/ml



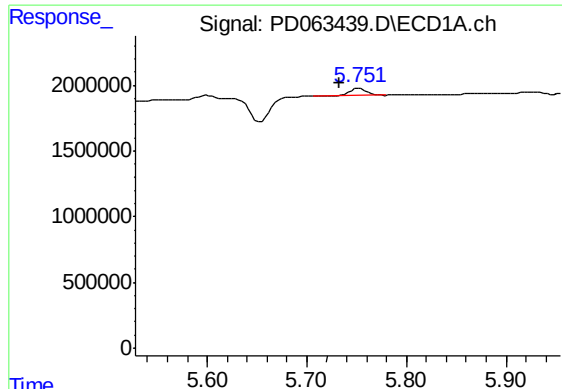
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 5.599 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

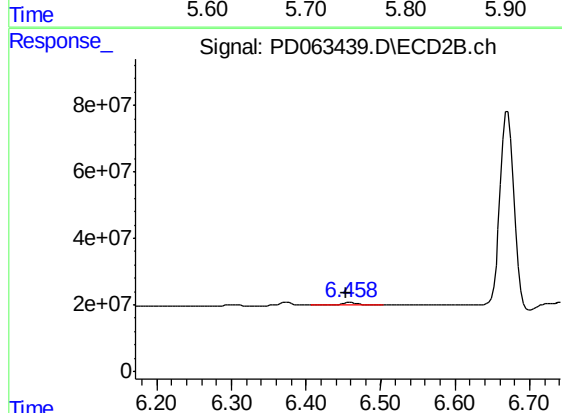
R.T.: 6.302 min
Delta R.T.: -0.002 min
Response: 2848314
Conc: 0.16 ng/ml



#13 Dielddrin

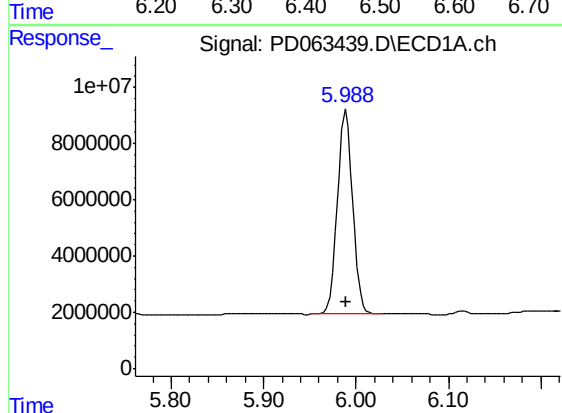
R.T.: 5.753 min
Delta R.T.: 0.021 min
Response: 666375
Conc: 0.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



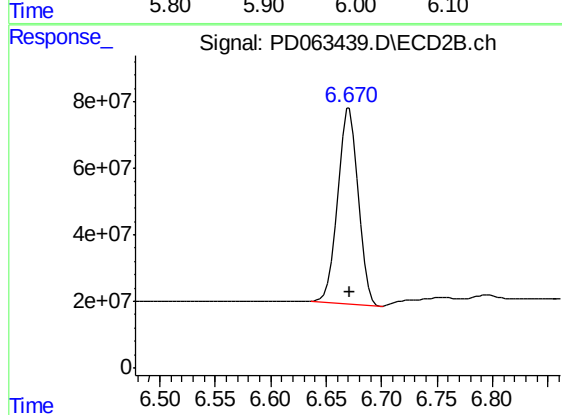
#13 Dielddrin

R.T.: 6.459 min
Delta R.T.: 0.006 min
Response: 13653054
Conc: 0.75 ng/ml



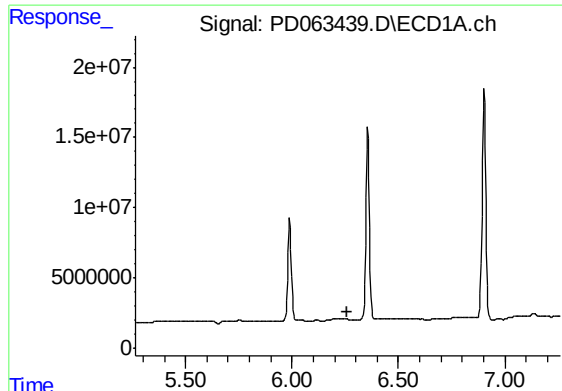
#14 Endrin

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 83309402
Conc: 52.38 ng/ml



#14 Endrin

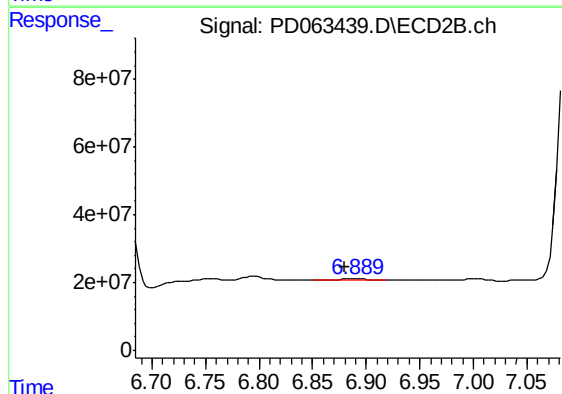
R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 769542508
Conc: 50.07 ng/ml



#15 Endosulfan II

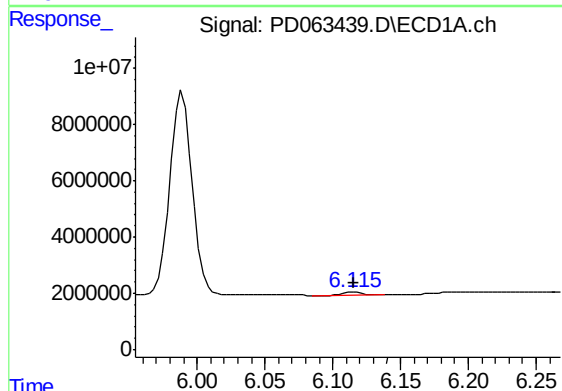
R.T.: 0.000 min
Exp R.T.: 6.263 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



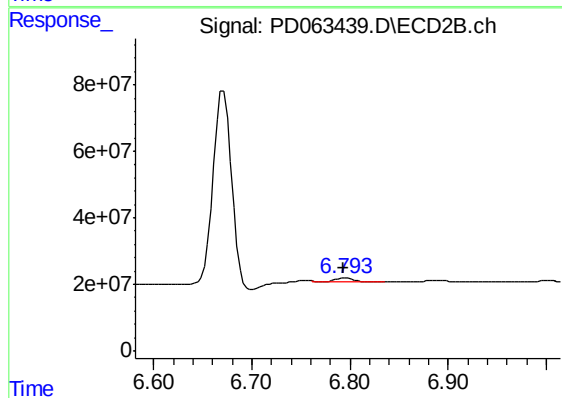
#15 Endosulfan II

R.T.: 6.890 min
Delta R.T.: 0.010 min
Response: 3943067
Conc: 0.27 ng/ml



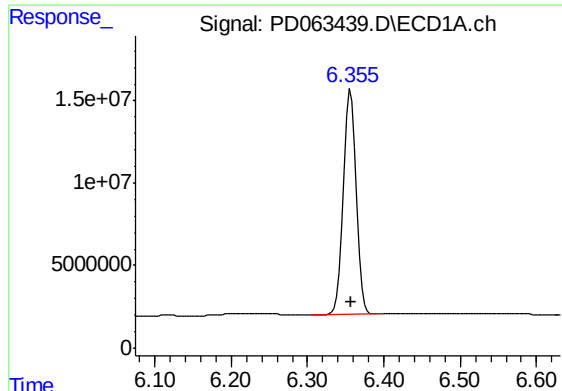
#16 4,4'-DDD

R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 1005066
Conc: 0.69 ng/ml



#16 4,4'-DDD

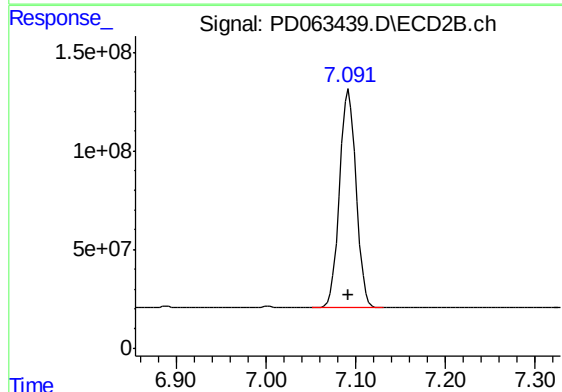
R.T.: 6.795 min
Delta R.T.: 0.001 min
Response: 11765867
Conc: 0.79 ng/ml



#17 4,4'-DDT

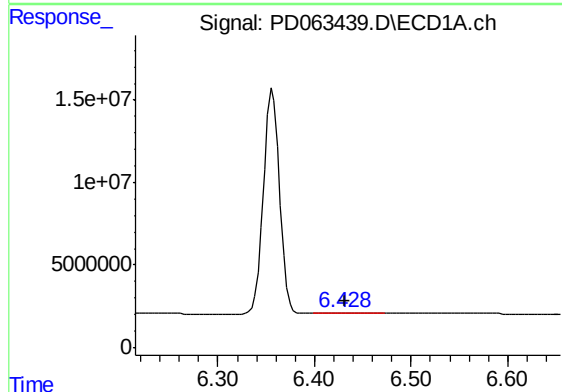
R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 158554534
Conc: 109.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



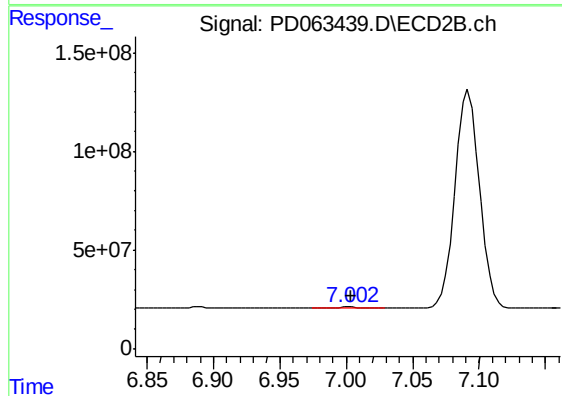
#17 4,4'-DDT

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 1417887357
Conc: 94.20 ng/ml



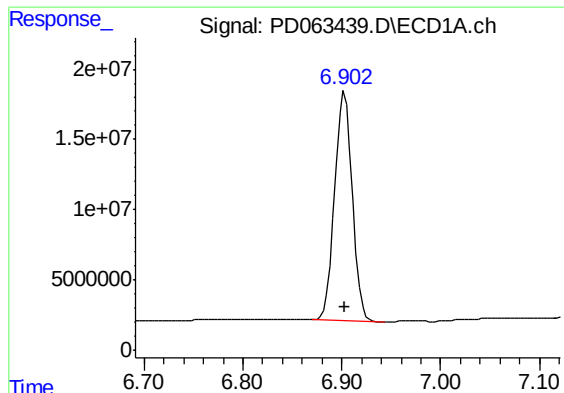
#18 Endrin aldehyde

R.T.: 6.430 min
Delta R.T.: -0.002 min
Response: 997728
Conc: 0.84 ng/ml



#18 Endrin aldehyde

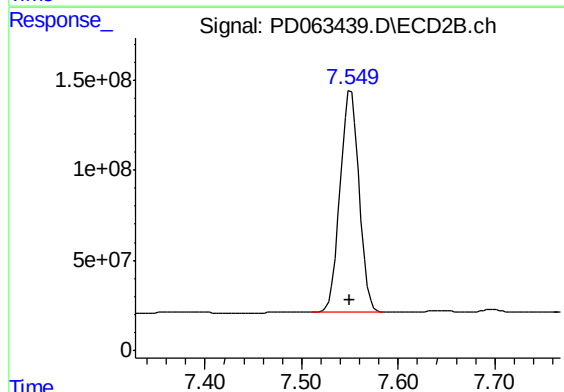
R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 8260934
Conc: 0.68 ng/ml



#20 Methoxychlor

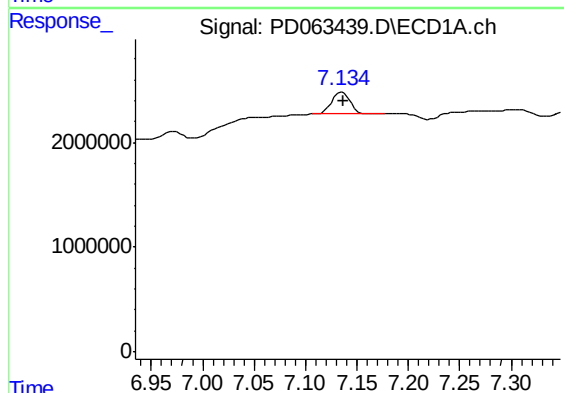
R.T.: 6.903 min
Delta R.T.: 0.000 min
Response: 202601562
Conc: 254.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



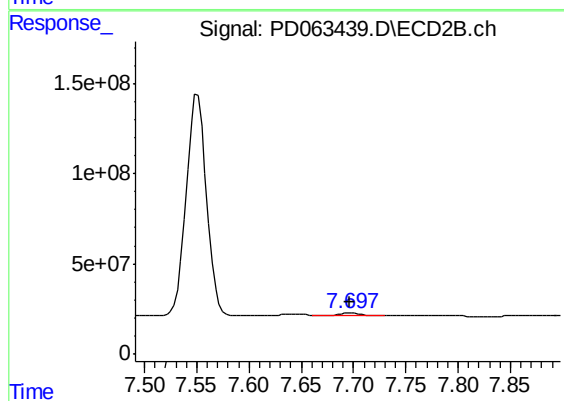
#20 Methoxychlor

R.T.: 7.551 min
Delta R.T.: 0.000 min
Response: 1661672865
Conc: 224.35 ng/ml



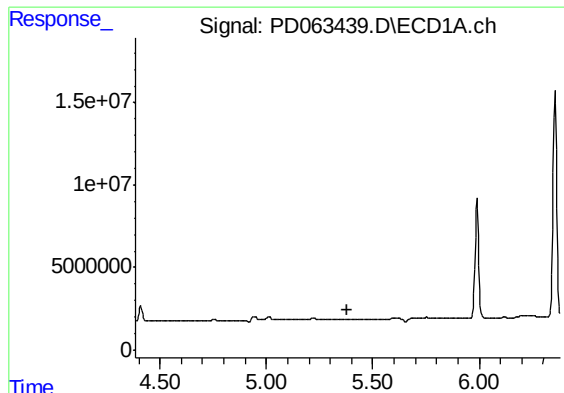
#21 Endrin ketone

R.T.: 7.136 min
Delta R.T.: -0.001 min
Response: 2687031
Conc: 1.51 ng/ml



#21 Endrin ketone

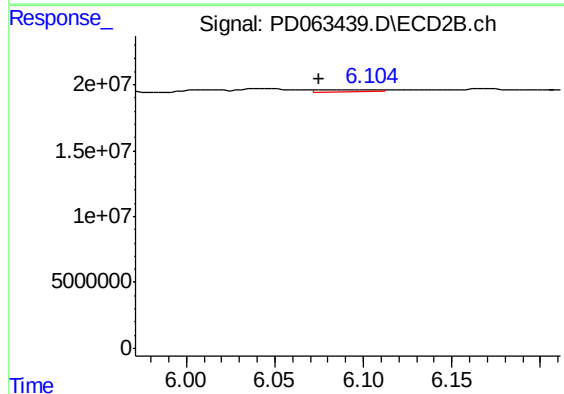
R.T.: 7.698 min
Delta R.T.: 0.001 min
Response: 14397388
Conc: 0.98 ng/ml



#25 Chlordane-3

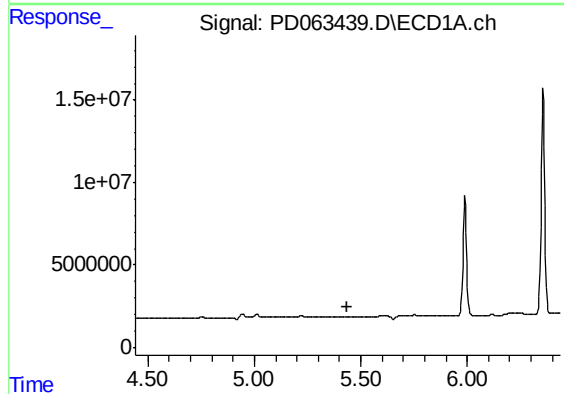
R.T.: 0.000 min
Exp R.T. : 5.382 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



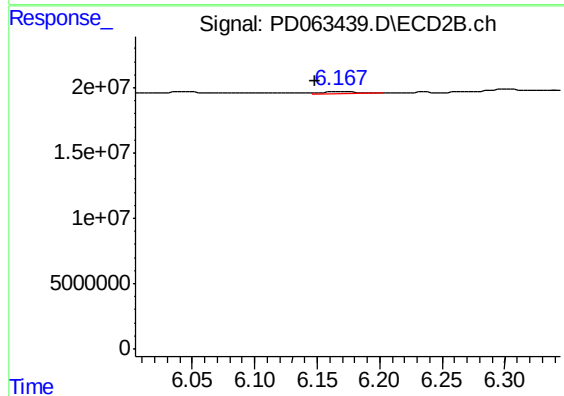
#25 Chlordane-3

R.T.: 6.104 min
Delta R.T.: 0.029 min
Response: 2854322
Conc: 1.16 ng/ml



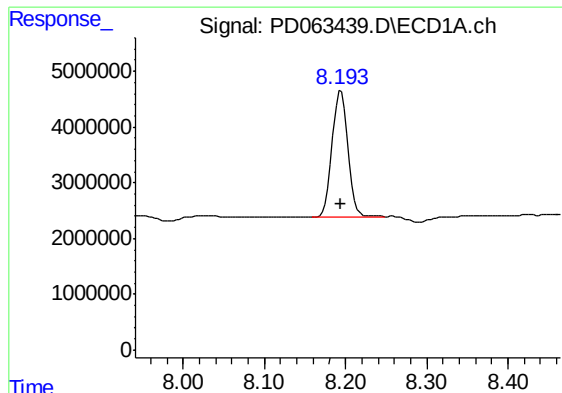
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.439 min
Response: 0
Conc: N.D.



#26 Chlordane-4

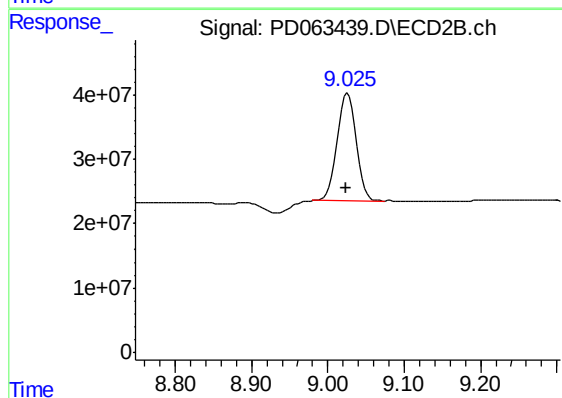
R.T.: 6.168 min
Delta R.T.: 0.019 min
Response: 2958481
Conc: 1.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 30653753
Conc: 19.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: 0.002 min
Response: 288552315
Conc: 20.88 ng/ml