

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD011819\
 Data File : PD051118.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Jan 2019 21:22
 Operator : AJ\SJ
 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: Jan 18 22:09:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011019.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 10 03:41:46 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...	3.225	4.045	42882017	654.1E6	28.710	21.980
28)	SA Decachlor...	7.827	9.157	36877536	408.3E6	30.383	20.463 #
Target Compounds							
2)	A alpha-BHC	3.646	4.437	36750275	541.7E6	15.268	11.886
3)	MA gamma-BHC...	3.914	4.724	36279080	501.4E6	15.383	12.062
4)	MA Heptachlor	4.197	5.257	366209	49148325	0.153	1.205 #
5)	MB Aldrin	4.427	5.533	353137	952604	0.149	0.024 #
6)	B beta-BHC	4.159	4.894	14774738	237.1E6	15.603	13.100
8)	B Heptachlo...	4.896f	5.918	705637	553.7E6	0.314	15.879 #
9)	A Endosulfan I	5.179	6.356f	371548	1533720	0.174	0.049 #
10)	B gamma-Chl...	5.079	6.178	195965	8056571	0.084	0.232 #
11)	B alpha-Chl...	5.101	6.178f	267607	8056571	0.116	0.238 #
12)	B 4,4'-DDE	5.291	6.416	2803446	3638202	1.299	0.110 #
13)	MA Dieldrin	5.411	0.000	1027567	0	0.439	N.D. #
14)	MA Endrin	5.656	6.768	142.8E6	1345.9E6	65.211	47.791 #
15)	B Endosulfa...	5.942	6.981	1929808	36660805	0.965	1.339 #
16)	A 4,4'-DDD	5.796	6.888	5307462	117.6E6	3.006	4.481 #
17)	MA 4,4'-DDT	6.028	7.188	267.9E6	2441.7E6	142.401	102.299 #
18)	B Endrin al...	6.092	7.099	7038641	56421595	4.360	2.476 #
19)	B Endosulfa...	6.290	7.304	3767633	21633246	1.923	0.801 #
20)	A Methoxychlor	6.574	7.647	301.9E6	2665.8E6	315.878	218.986 #
21)	B Endrin ke...	6.776	7.798	9872796	63227350	4.638	2.487 #
23)	Chlordane-1	4.056	5.045	270314	40807694	3.960	27.426 #
24)	Chlordane-2	4.542	5.533	11240206	952604	141.397	0.710 #
25)	Chlordane-3	5.079	6.178	195965	8056571	0.788	1.856 #
26)	Chlordane-4	5.101	6.178	267607	8056571	1.112	1.629 #
27)	Chlordane-5	5.942	7.099	1929808	56421595	24.221	54.717 #

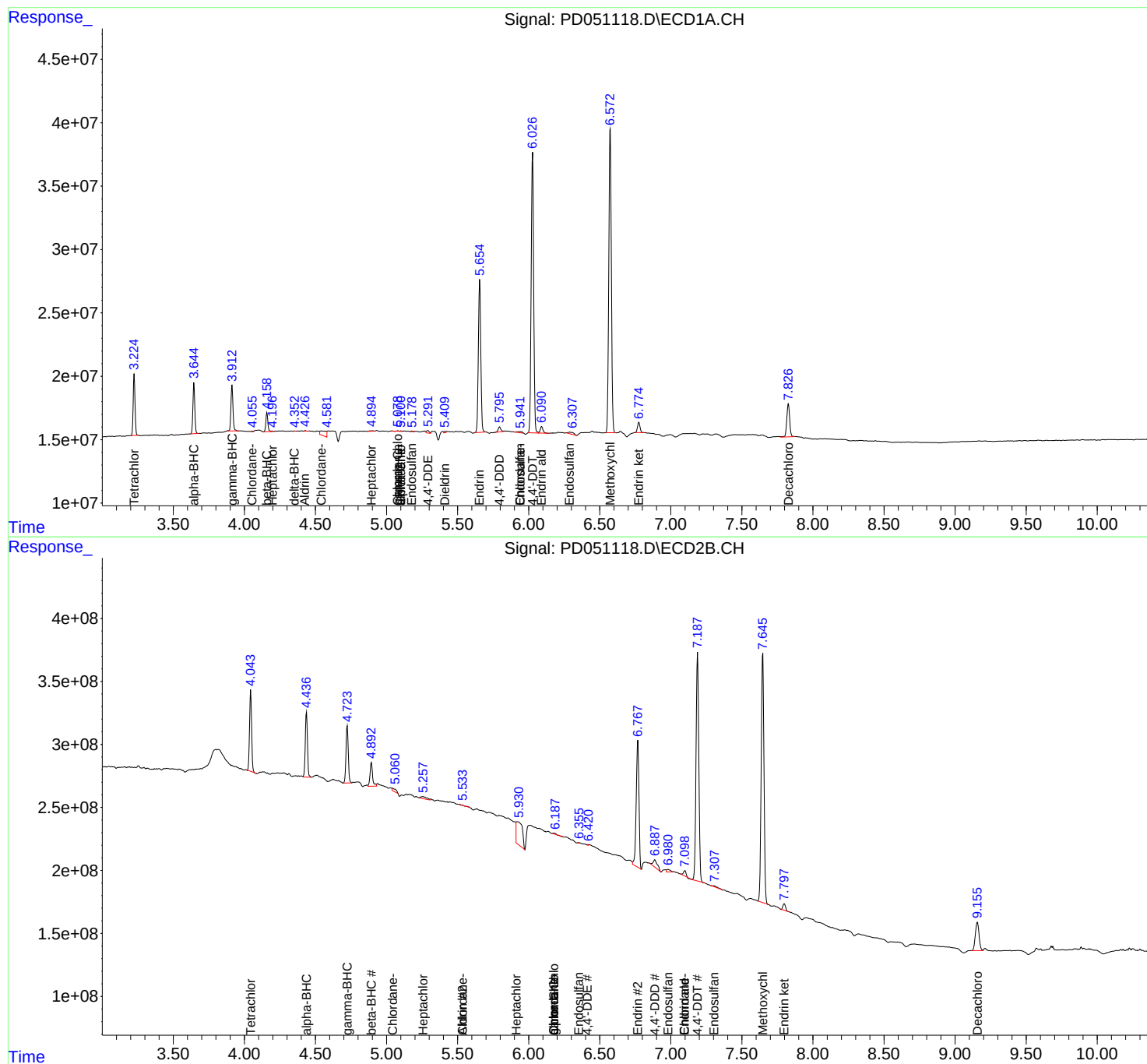
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

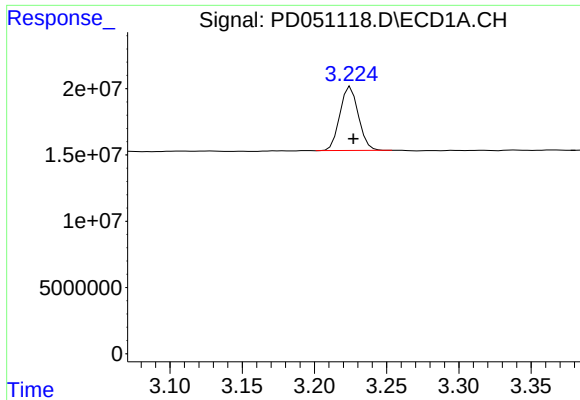
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD011819\
Data File : PD051118.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Jan 2019 21:22
Operator : AJ\SJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampled :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 22:09:30 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011019.M
Quant Title : GC Extractables
QLast Update : Thu Jan 10 03:41:46 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

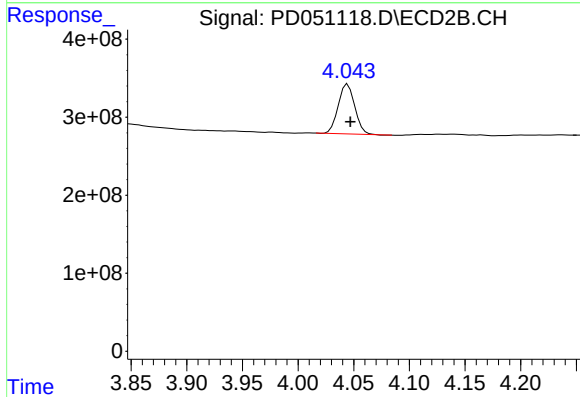




#1 Tetrachloro-m-xylene

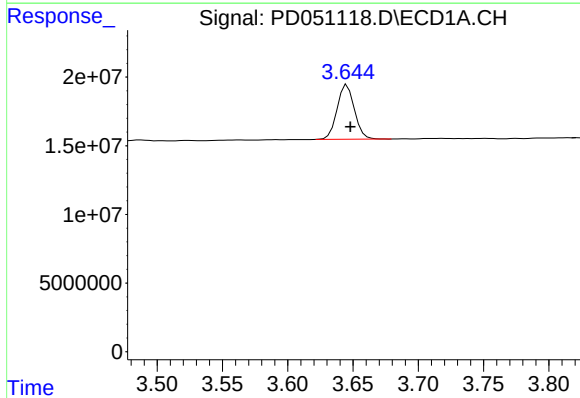
R.T.: 3.225 min
Delta R.T.: -0.002 min
Response: 42882017
Conc: 28.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



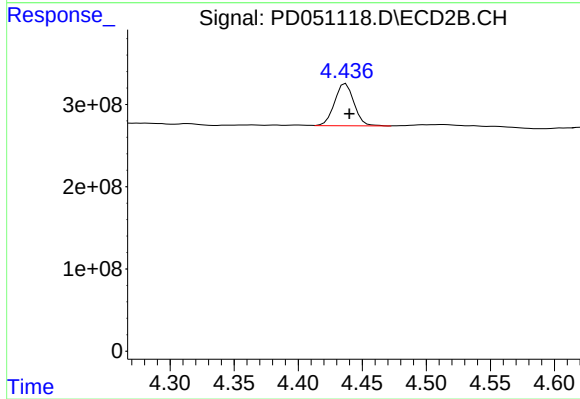
#1 Tetrachloro-m-xylene

R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 654144969
Conc: 21.98 ng/ml



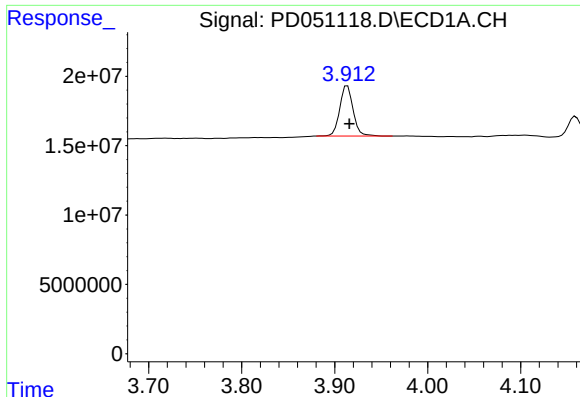
#2 alpha-BHC

R.T.: 3.646 min
Delta R.T.: -0.002 min
Response: 36750275
Conc: 15.27 ng/ml



#2 alpha-BHC

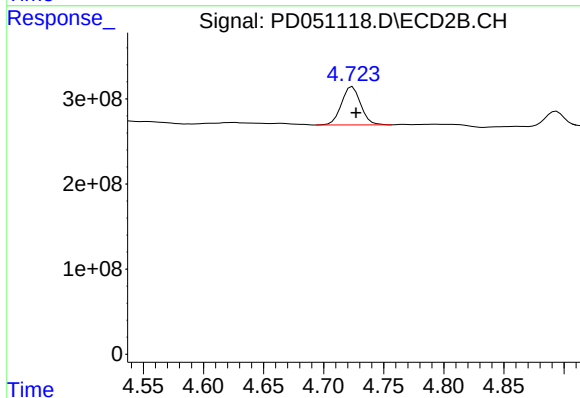
R.T.: 4.437 min
Delta R.T.: -0.003 min
Response: 541655589
Conc: 11.89 ng/ml



#3 gamma-BHC (Lindane)

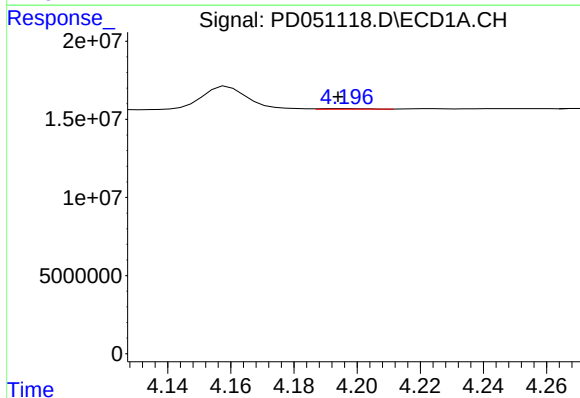
R.T.: 3.914 min
Delta R.T.: -0.002 min
Response: 36279080
Conc: 15.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



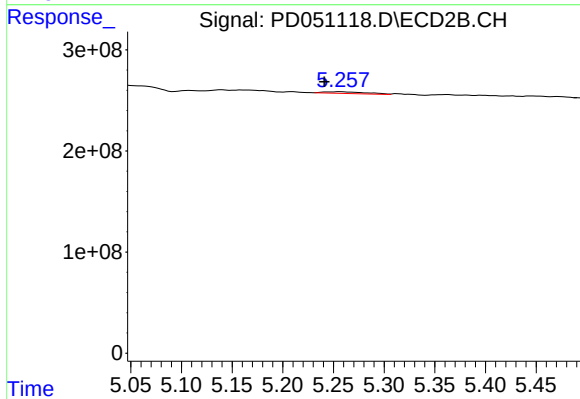
#3 gamma-BHC (Lindane)

R.T.: 4.724 min
Delta R.T.: -0.003 min
Response: 501355260
Conc: 12.06 ng/ml



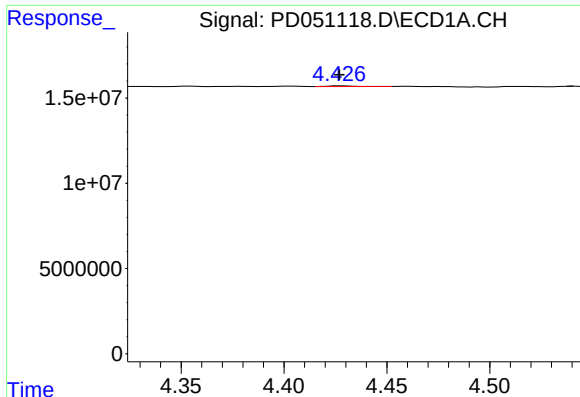
#4 Heptachlor

R.T.: 4.197 min
Delta R.T.: 0.003 min
Response: 366209
Conc: 0.15 ng/ml



#4 Heptachlor

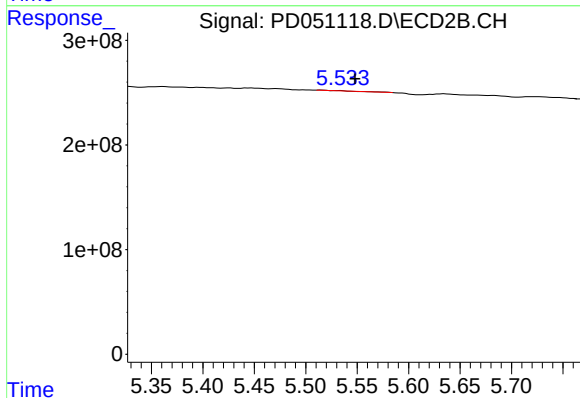
R.T.: 5.257 min
Delta R.T.: 0.016 min
Response: 49148325
Conc: 1.20 ng/ml



#5 Aldrin

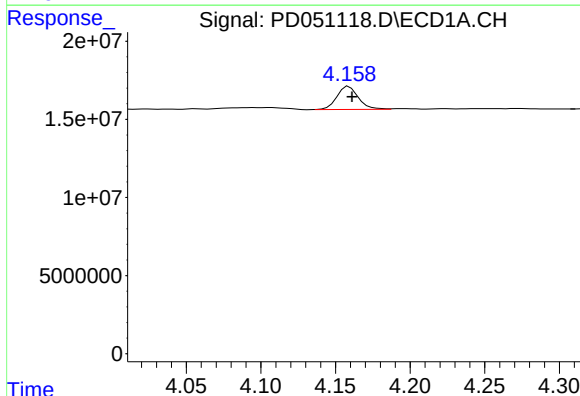
R.T.: 4.427 min
Delta R.T.: 0.000 min
Response: 353137
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



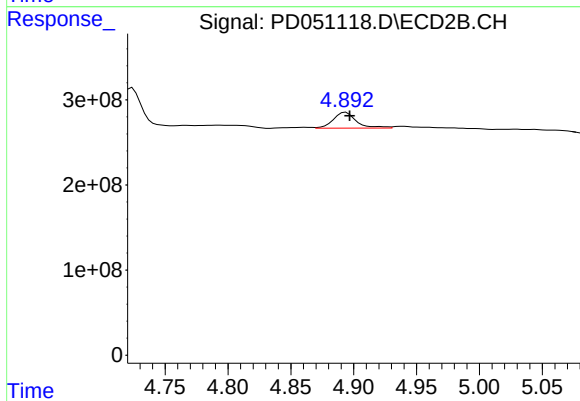
#5 Aldrin

R.T.: 5.533 min
Delta R.T.: -0.015 min
Response: 952604
Conc: 0.02 ng/ml



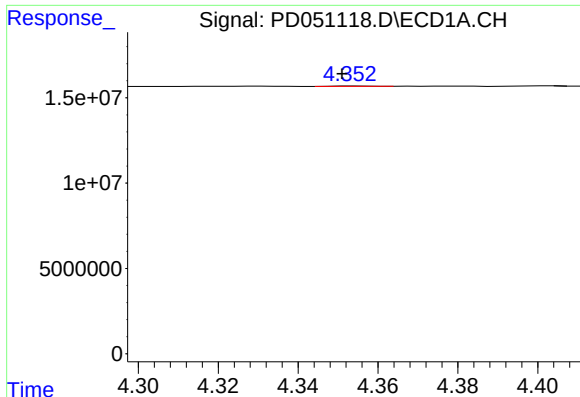
#6 beta-BHC

R.T.: 4.159 min
Delta R.T.: -0.002 min
Response: 14774738
Conc: 15.60 ng/ml



#6 beta-BHC

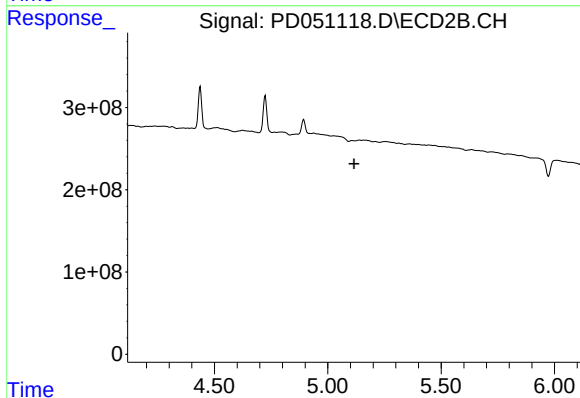
R.T.: 4.894 min
Delta R.T.: -0.003 min
Response: 237051533
Conc: 13.10 ng/ml



#7 delta-BHC

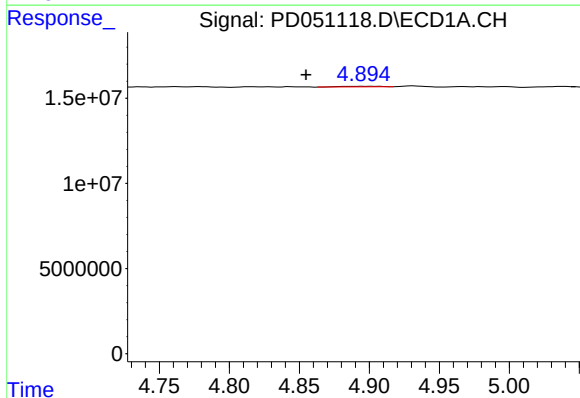
R.T.: 4.354 min
Delta R.T.: 0.003 min
Response: 144475
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



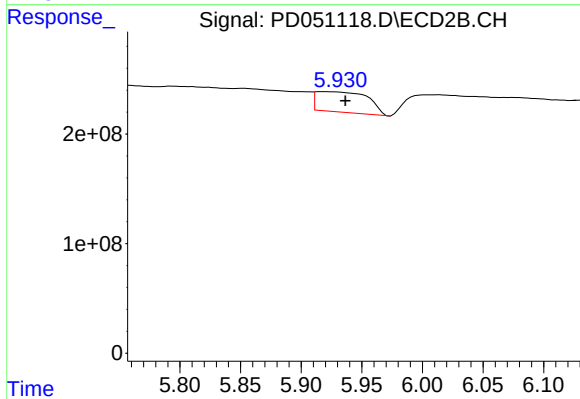
#7 delta-BHC

R.T.: 5.108 min
Delta R.T.: -0.008 min
Response: -15597282
Conc: N.D.



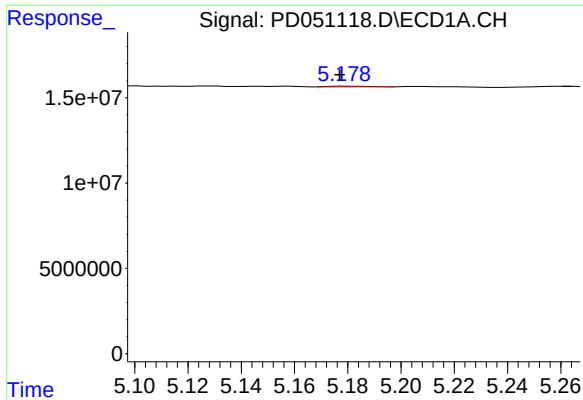
#8 Heptachlor epoxide

R.T.: 4.896 min
Delta R.T.: 0.041 min
Response: 705637
Conc: 0.31 ng/ml



#8 Heptachlor epoxide

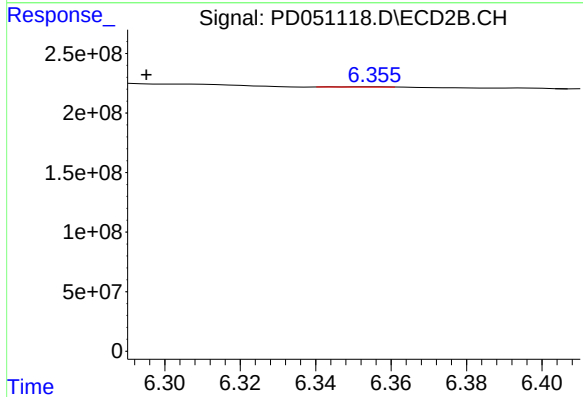
R.T.: 5.918 min
Delta R.T.: -0.018 min
Response: 553670143
Conc: 15.88 ng/ml



#9 Endosulfan I

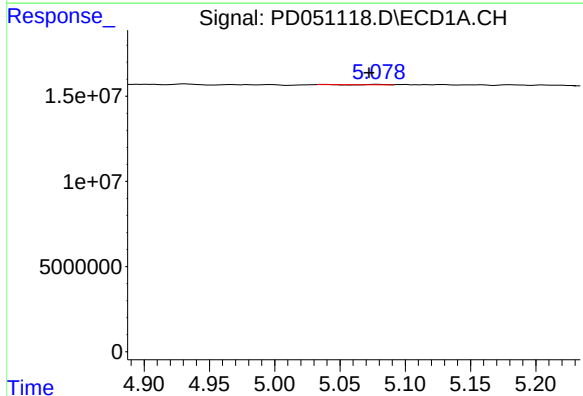
R.T.: 5.179 min
Delta R.T.: 0.002 min
Response: 371548
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



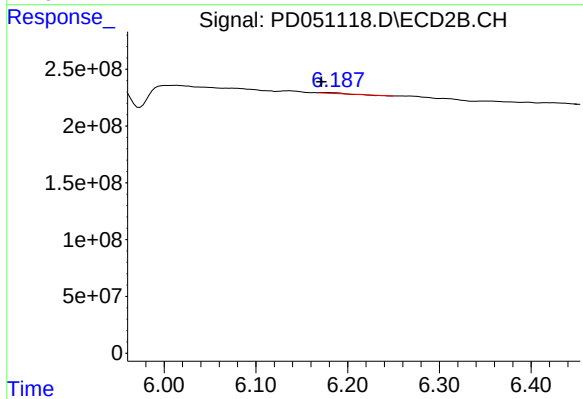
#9 Endosulfan I

R.T.: 6.356 min
Delta R.T.: 0.061 min
Response: 1533720
Conc: 0.05 ng/ml



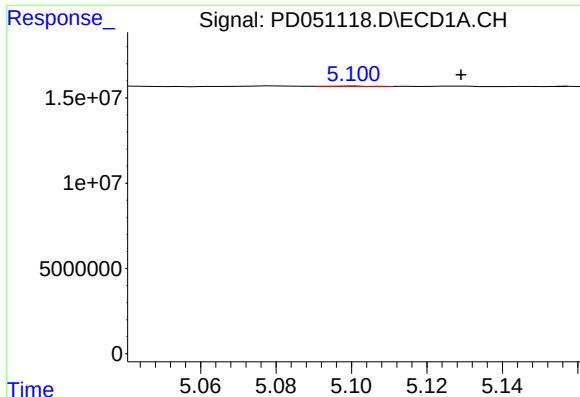
#10 gamma-Chlordane

R.T.: 5.079 min
Delta R.T.: 0.007 min
Response: 195965
Conc: 0.08 ng/ml



#10 gamma-Chlordane

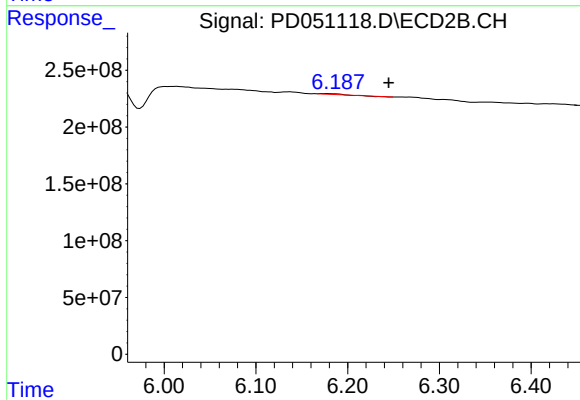
R.T.: 6.178 min
Delta R.T.: 0.007 min
Response: 8056571
Conc: 0.23 ng/ml



#11 alpha-Chlordane

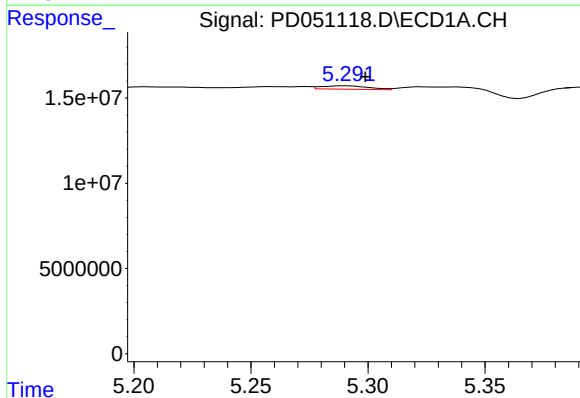
R.T.: 5.101 min
Delta R.T.: -0.028 min
Response: 267607
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



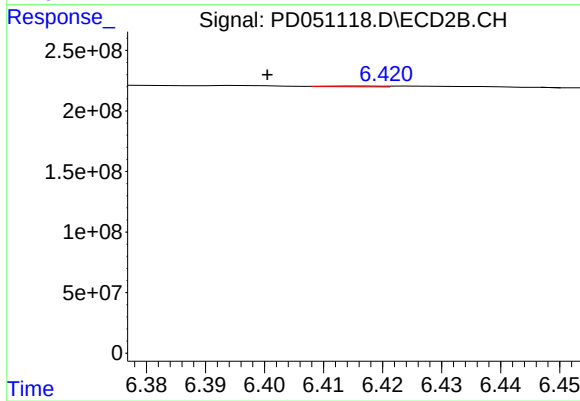
#11 alpha-Chlordane

R.T.: 6.178 min
Delta R.T.: -0.067 min
Response: 8056571
Conc: 0.24 ng/ml



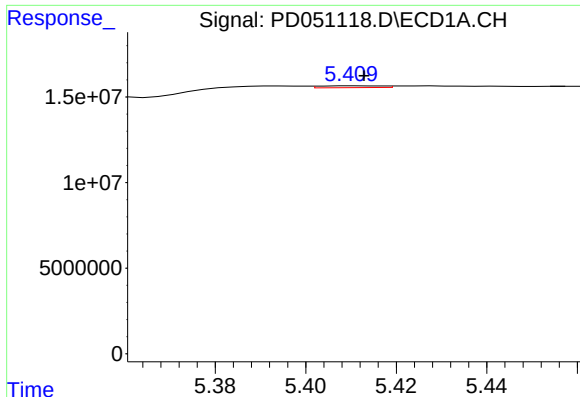
#12 4,4'-DDE

R.T.: 5.291 min
Delta R.T.: -0.008 min
Response: 2803446
Conc: 1.30 ng/ml



#12 4,4'-DDE

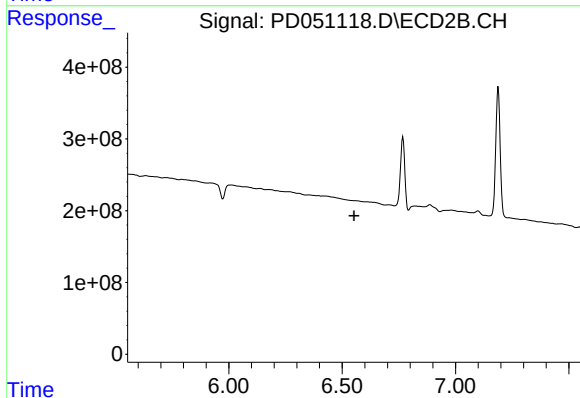
R.T.: 6.416 min
Delta R.T.: 0.015 min
Response: 3638202
Conc: 0.11 ng/ml



#13 Dieldrin

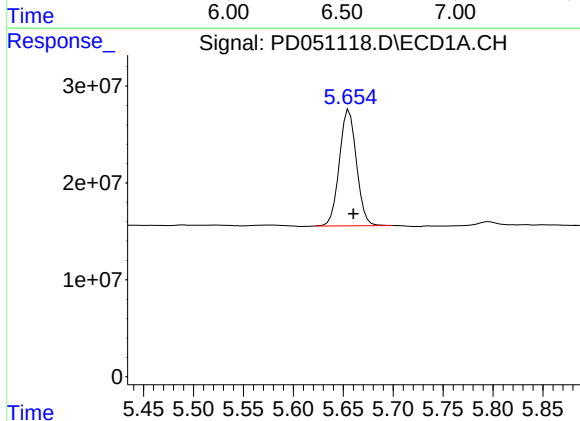
R.T.: 5.411 min
Delta R.T.: -0.002 min
Response: 1027567
Conc: 0.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



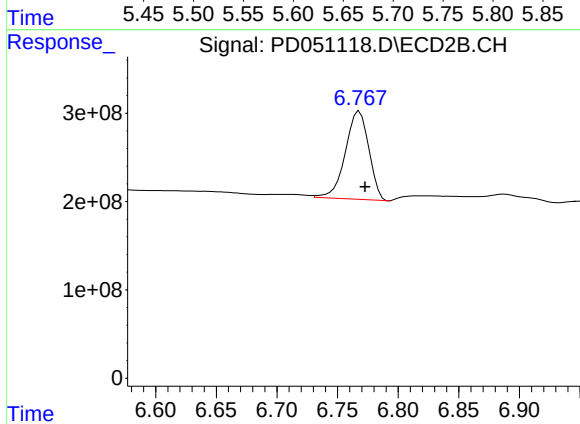
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 6.553 min
Response: 0
Conc: N.D.



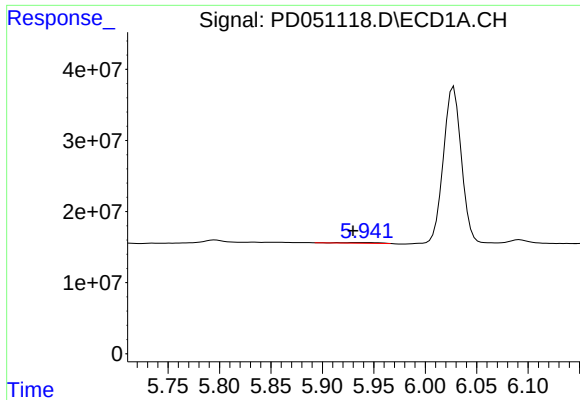
#14 Endrin

R.T.: 5.656 min
Delta R.T.: -0.004 min
Response: 142822245
Conc: 65.21 ng/ml



#14 Endrin

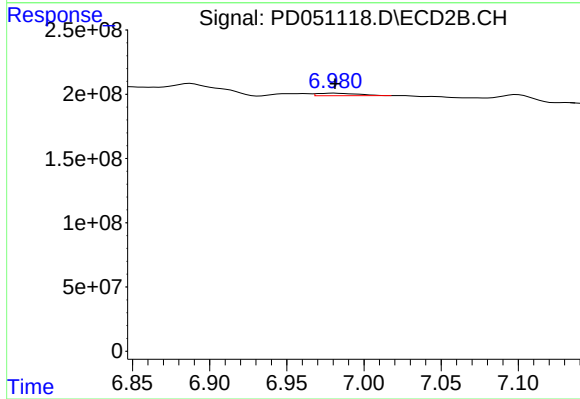
R.T.: 6.768 min
Delta R.T.: -0.005 min
Response: 1345932455
Conc: 47.79 ng/ml



#15 Endosulfan II

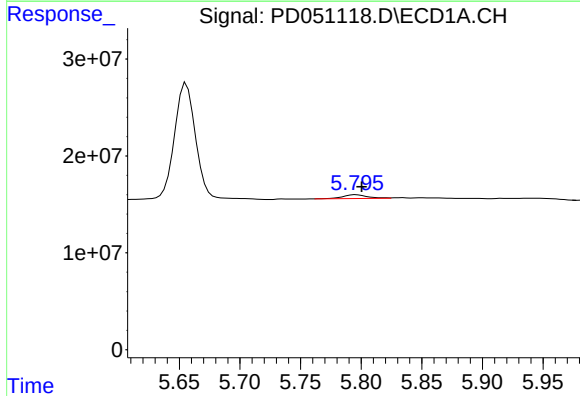
R.T.: 5.942 min
Delta R.T.: 0.012 min
Response: 1929808
Conc: 0.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



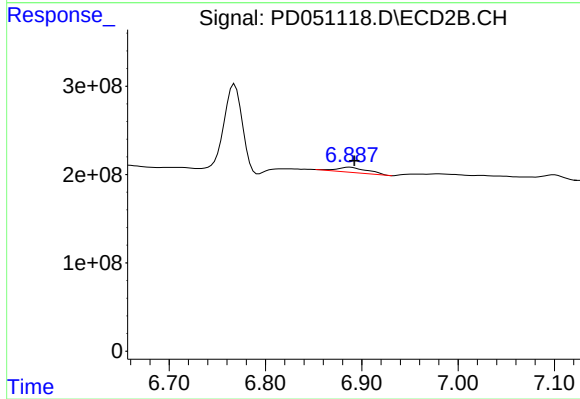
#15 Endosulfan II

R.T.: 6.981 min
Delta R.T.: 0.000 min
Response: 36660805
Conc: 1.34 ng/ml



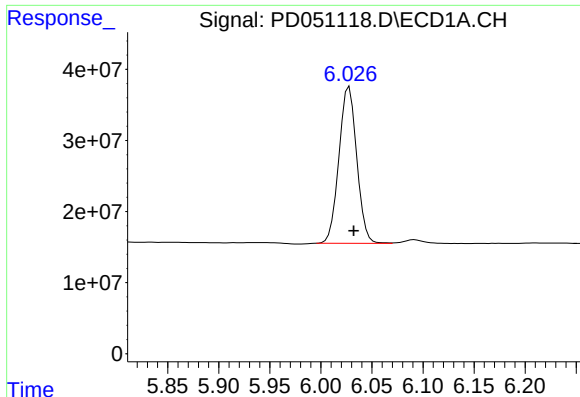
#16 4,4'-DDD

R.T.: 5.796 min
Delta R.T.: -0.005 min
Response: 5307462
Conc: 3.01 ng/ml



#16 4,4'-DDD

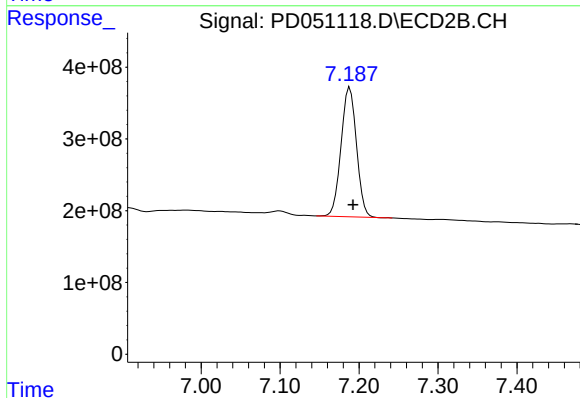
R.T.: 6.888 min
Delta R.T.: -0.005 min
Response: 117570305
Conc: 4.48 ng/ml



#17 4,4'-DDT

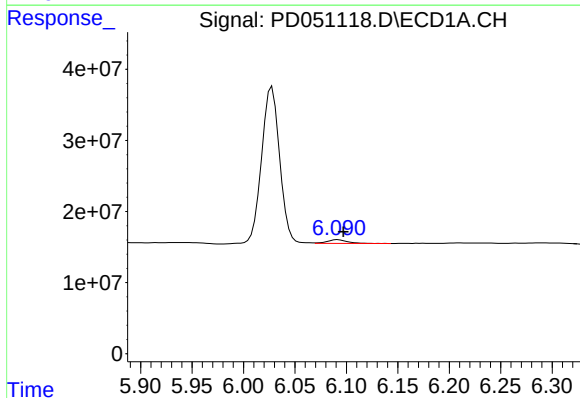
R.T.: 6.028 min
Delta R.T.: -0.004 min
Response: 267942841
Conc: 142.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



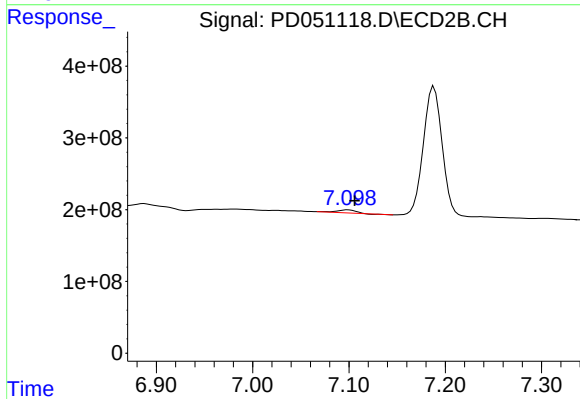
#17 4,4'-DDT

R.T.: 7.188 min
Delta R.T.: -0.004 min
Response: 2441737520
Conc: 102.30 ng/ml



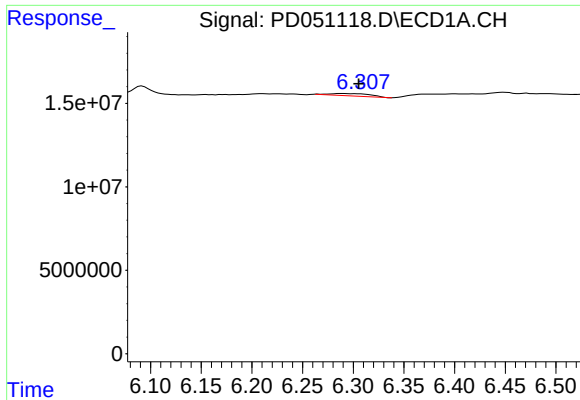
#18 Endrin aldehyde

R.T.: 6.092 min
Delta R.T.: -0.005 min
Response: 7038641
Conc: 4.36 ng/ml



#18 Endrin aldehyde

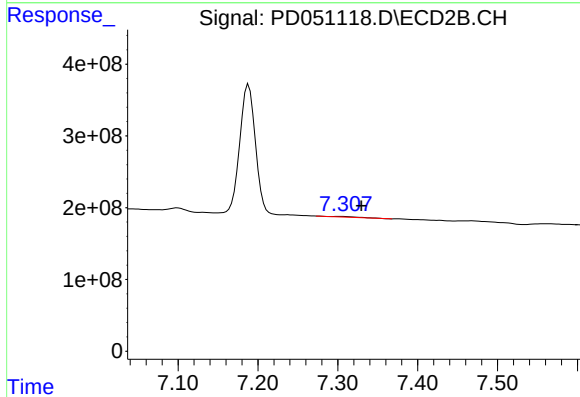
R.T.: 7.099 min
Delta R.T.: -0.007 min
Response: 56421595
Conc: 2.48 ng/ml



#19 Endosulfan Sulfate

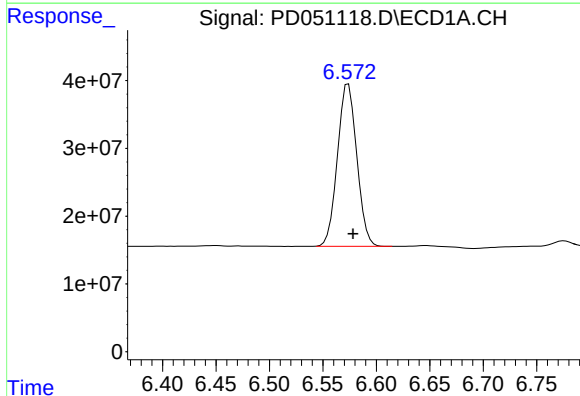
R.T.: 6.290 min
Delta R.T.: -0.016 min
Response: 3767633
Conc: 1.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



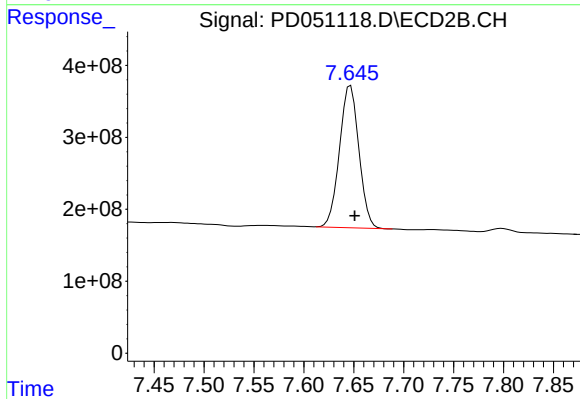
#19 Endosulfan Sulfate

R.T.: 7.304 min
Delta R.T.: -0.026 min
Response: 21633246
Conc: 0.80 ng/ml



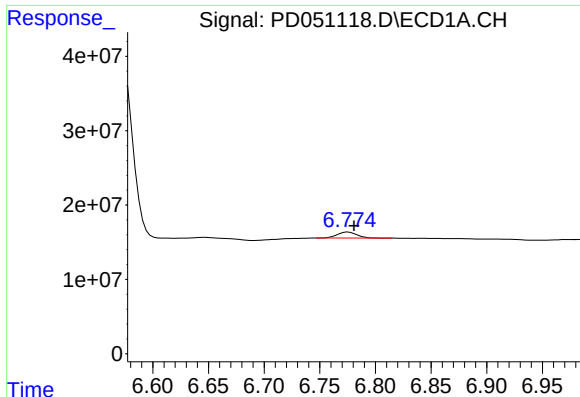
#20 Methoxychlor

R.T.: 6.574 min
Delta R.T.: -0.004 min
Response: 301884107
Conc: 315.88 ng/ml



#20 Methoxychlor

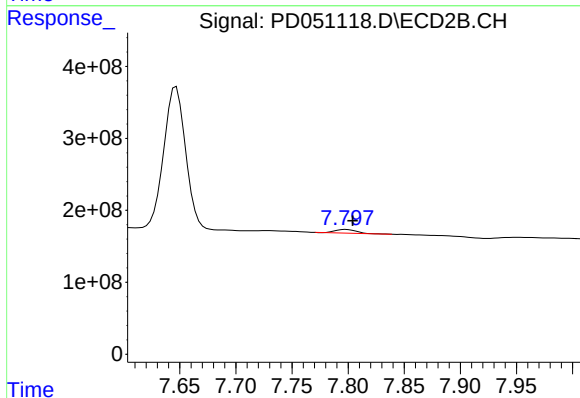
R.T.: 7.647 min
Delta R.T.: -0.004 min
Response: 2665810588
Conc: 218.99 ng/ml



#21 Endrin ketone

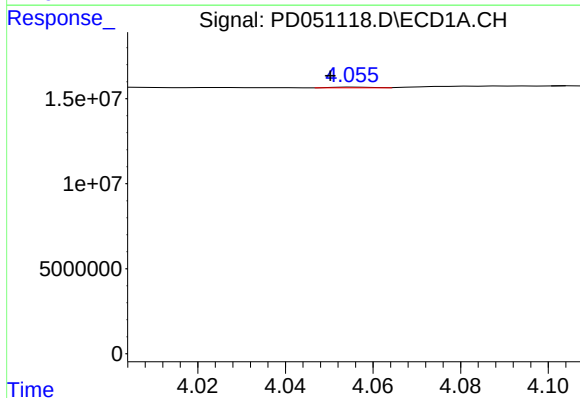
R.T.: 6.776 min
Delta R.T.: -0.005 min
Response: 9872796
Conc: 4.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



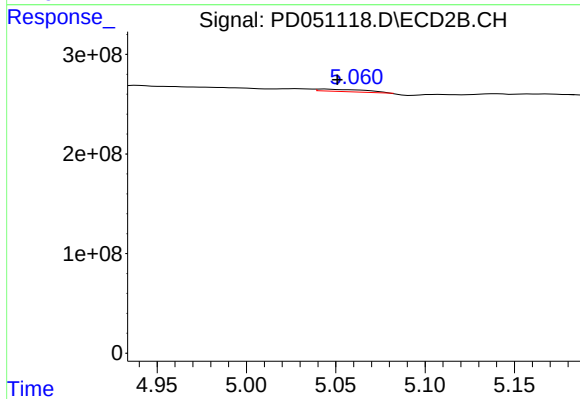
#21 Endrin ketone

R.T.: 7.798 min
Delta R.T.: -0.006 min
Response: 63227350
Conc: 2.49 ng/ml



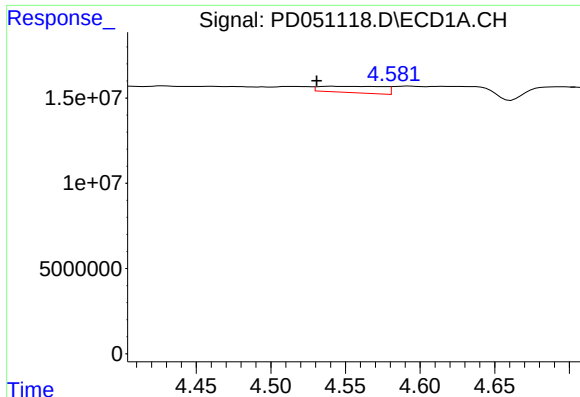
#23 Chlordane-1

R.T.: 4.056 min
Delta R.T.: 0.006 min
Response: 270314
Conc: 3.96 ng/ml



#23 Chlordane-1

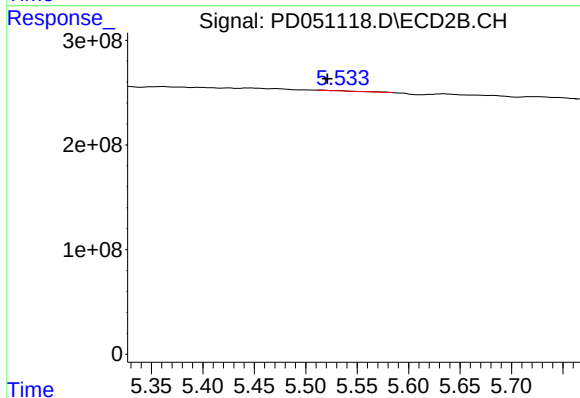
R.T.: 5.045 min
Delta R.T.: -0.006 min
Response: 40807694
Conc: 27.43 ng/ml



#24 Chlordane-2

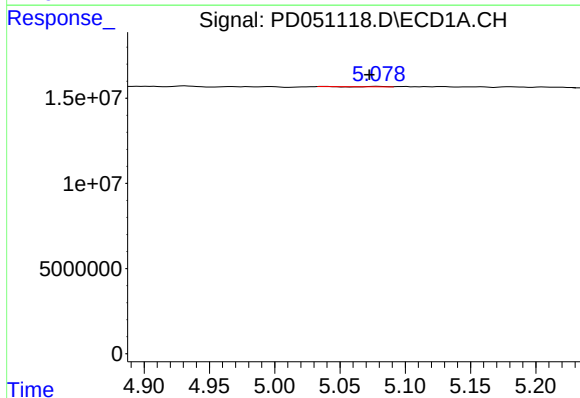
R.T.: 4.542 min
Delta R.T.: 0.011 min
Response: 11240206
Conc: 141.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



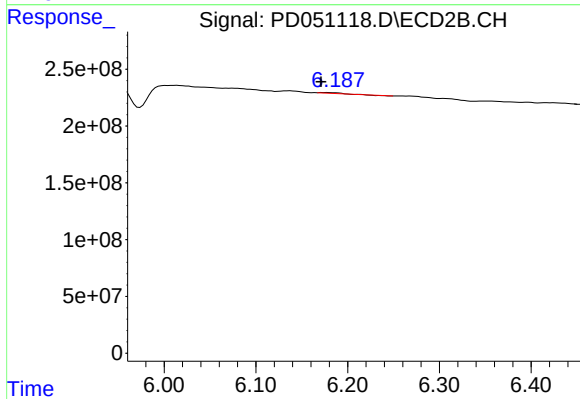
#24 Chlordane-2

R.T.: 5.533 min
Delta R.T.: 0.013 min
Response: 952604
Conc: 0.71 ng/ml



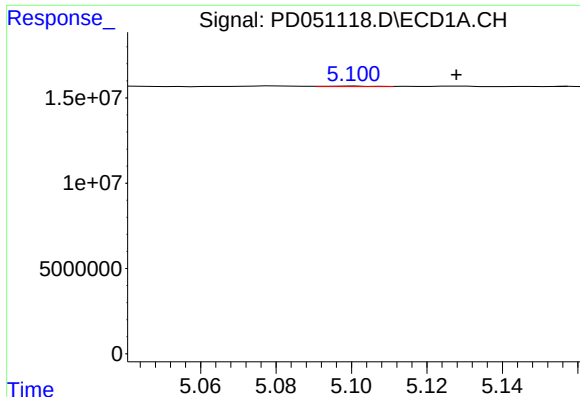
#25 Chlordane-3

R.T.: 5.079 min
Delta R.T.: 0.007 min
Response: 195965
Conc: 0.79 ng/ml



#25 Chlordane-3

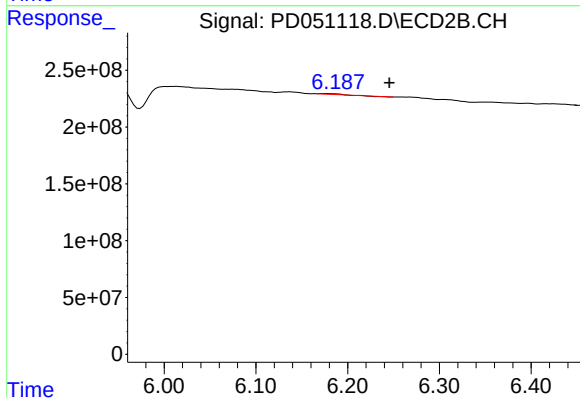
R.T.: 6.178 min
Delta R.T.: 0.007 min
Response: 8056571
Conc: 1.86 ng/ml



#26 Chlordane-4

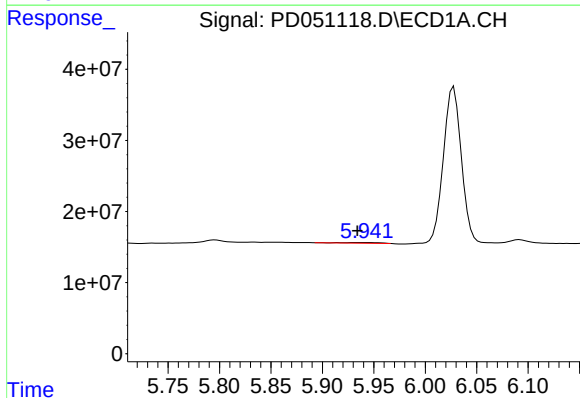
R.T.: 5.101 min
Delta R.T.: -0.027 min
Response: 267607
Conc: 1.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



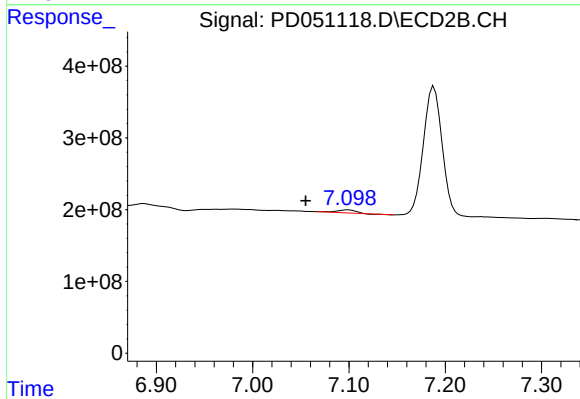
#26 Chlordane-4

R.T.: 6.178 min
Delta R.T.: -0.068 min
Response: 8056571
Conc: 1.63 ng/ml



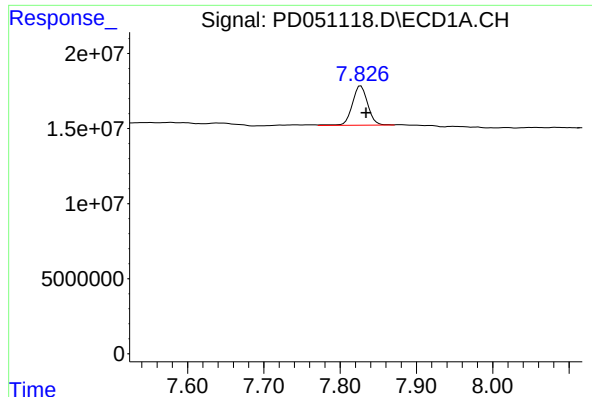
#27 Chlordane-5

R.T.: 5.942 min
Delta R.T.: 0.008 min
Response: 1929808
Conc: 24.22 ng/ml



#27 Chlordane-5

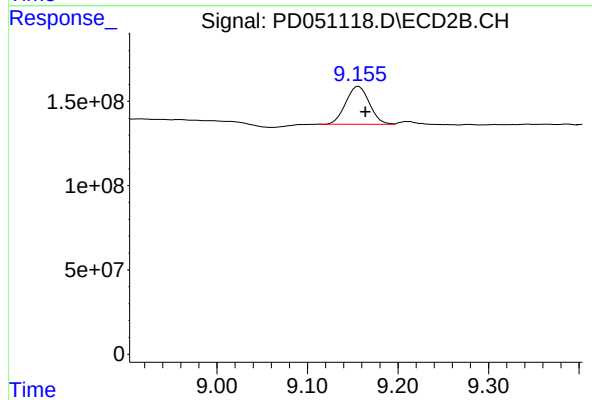
R.T.: 7.099 min
Delta R.T.: 0.044 min
Response: 56421595
Conc: 54.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.827 min
Delta R.T.: -0.007 min
Response: 36877536
Conc: 30.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.157 min
Delta R.T.: -0.007 min
Response: 408329041
Conc: 20.46 ng/ml