

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111618\
 Data File : PD050356.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Nov 2018 1:28
 Operator : AJ\SJ
 Sample : J5767-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 03:57:05 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111618.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 16 02:59:21 2018
 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

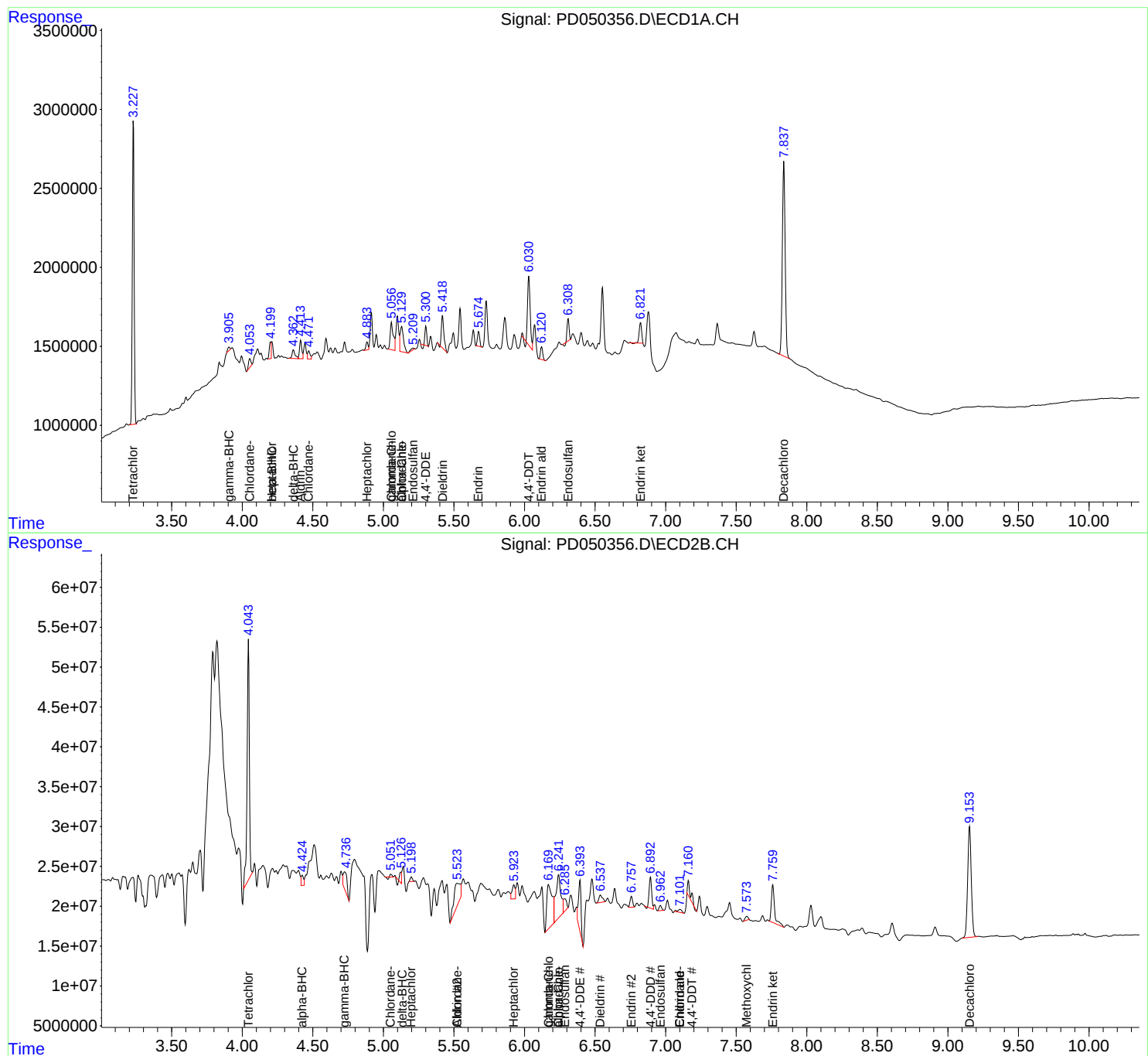
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

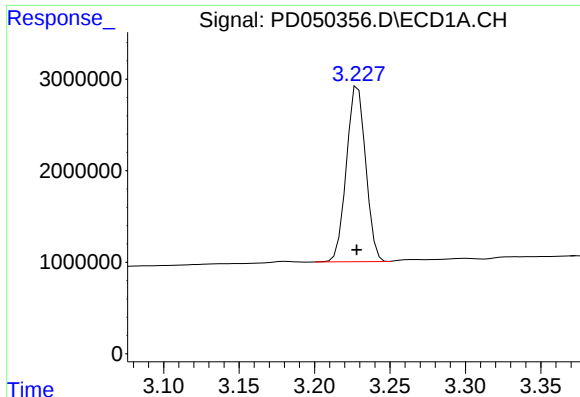
System Monitoring Compounds							
1)	SA Tetrachlo...	3.229	4.044	17055977	328.8E6	11.721	11.937
2)	SA Decachlor...	7.838	9.154	17085876	246.9E6	11.542	12.198
Target Compounds							
2)	A alpha-BHC	3.602f	4.426	-62197	14777256	N.D.	0.348
3)	MA gamma-BHC...	3.906	4.726	223310	44361993	0.096	1.166 #
4)	MA Heptachlor	4.201	5.199f	876911	6241826	0.397	0.165 #
5)	MB Aldrin	4.414	5.524	1279601	85176485	0.558	2.382 #
7)	B delta-BHC	4.363	5.124	833679	4720839	0.382	0.126 #
8)	B Heptachlo...	4.885	5.925	529048	25935835	0.249	0.816 #
9)	A Endosulfan I	5.211	6.286	198048	24257557	0.098	0.855 #
10)	B gamma-Chl...	5.058	6.170	2614235	141.2E6	1.186	4.456 #
11)	B alpha-Chl...	5.130	6.242	2709329	137.4E6	1.243	4.518 #
12)	B 4,4'-DDE	5.302	6.393	898838	83019801	0.439	2.823 #
13)	MA Dieldrin	5.419	6.539	2543878	16569346	1.152	0.550 #
14)	MA Endrin	5.675	6.758	1026002	17184647	0.534	0.713 #
15)	B Endosulfa...	5.929	6.963	-449423	8038689	N.D.	0.329
16)	A 4,4'-DDD	0.000	6.893	0	47279952	N.D.	2.071 #
17)	MA 4,4'-DDT	6.031	7.188	5466554	20483386	3.085	0.992 #
18)	B Endrin al...	6.122	7.102	758273	7431906	0.500	0.368 #
19)	B Endosulfa...	6.310	0.000	1261715	0	0.680	N.D. #
20)	A Methoxychlor	0.000	7.576f	0	6673760	N.D.	0.600 #
21)	B Endrin ke...	6.823f	7.760f	1532666	73587916	0.709	3.175 #
23)	Chlordane-1	4.054	5.053	639837	1361604	9.499	0.984 #
24)	Chlordane-2	4.472	5.524	625313	85176485	7.945	68.281 #
25)	Chlordane-3	5.058	6.170	2614235	141.2E6	11.251	35.057 #
26)	Chlordane-4	5.130	6.242	2709329	137.4E6	12.169	30.005 #
27)	Chlordane-5	5.929	7.102	-449423	7431906	N.D.	8.133

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

Instrument :
ECD_D
ClientSampleId :

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

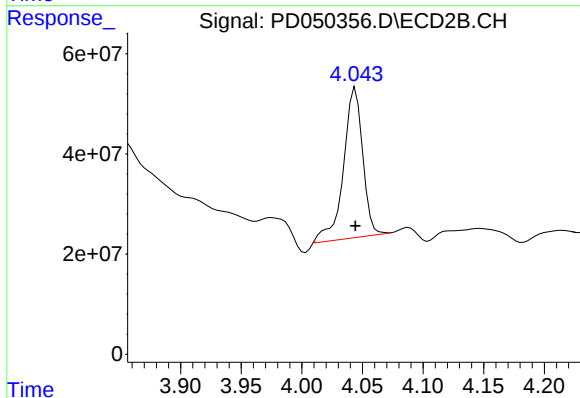




#1 Tetrachloro-m-xylene

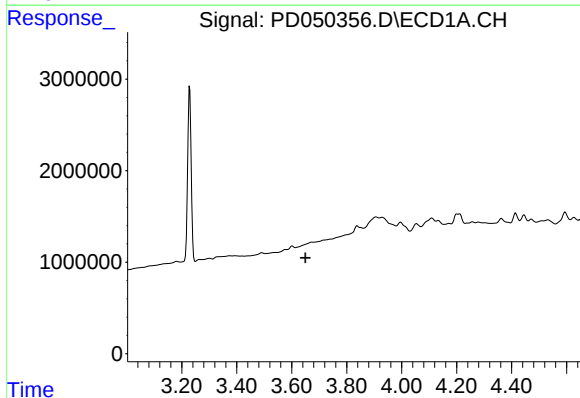
R.T.: 3.229 min
Delta R.T.: 0.000 min
Response: 17055977
Conc: 11.72 ng/ml

Instrument :
ECD_D
ClientSampleId :



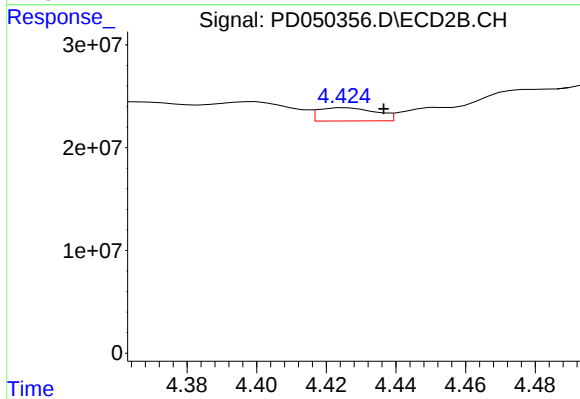
#1 Tetrachloro-m-xylene

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 328787161
Conc: 11.94 ng/ml



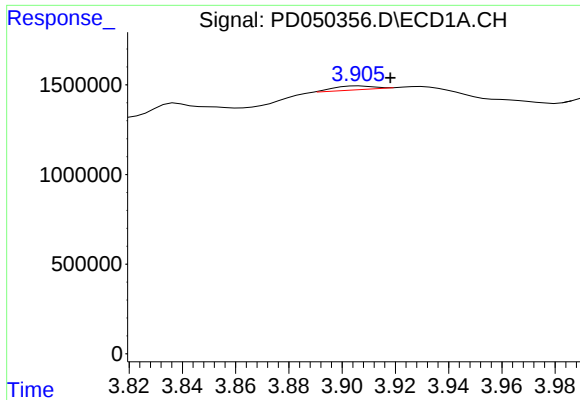
#2 alpha-BHC

R.T.: 3.602 min
Delta R.T.: -0.048 min
Response: -62197
Conc: N.D.



#2 alpha-BHC

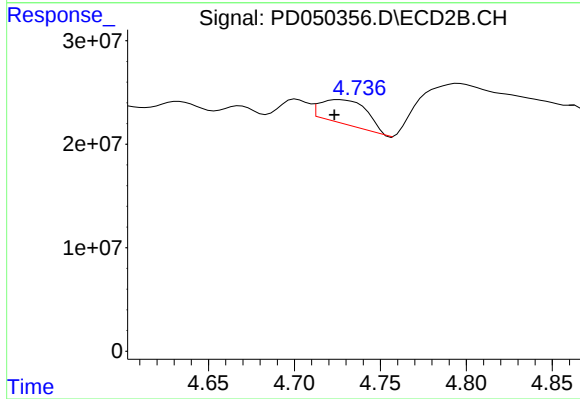
R.T.: 4.426 min
Delta R.T.: -0.011 min
Response: 14777256
Conc: 0.35 ng/ml



#3 gamma-BHC (Lindane)

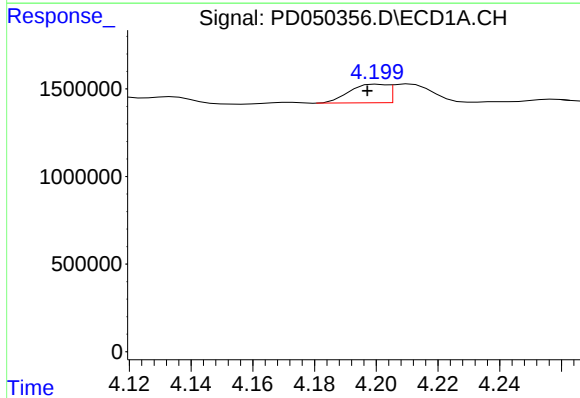
R.T.: 3.906 min
Delta R.T.: -0.012 min
Response: 223310
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



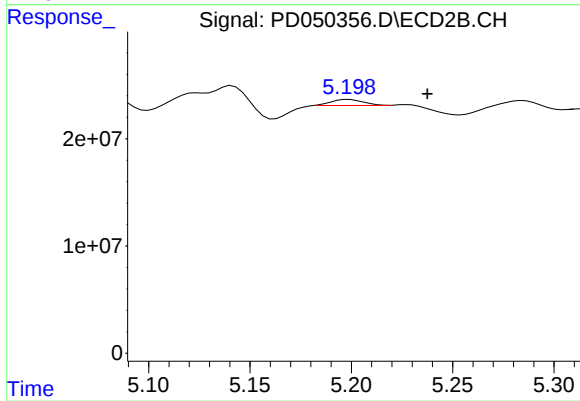
#3 gamma-BHC (Lindane)

R.T.: 4.726 min
Delta R.T.: 0.003 min
Response: 44361993
Conc: 1.17 ng/ml



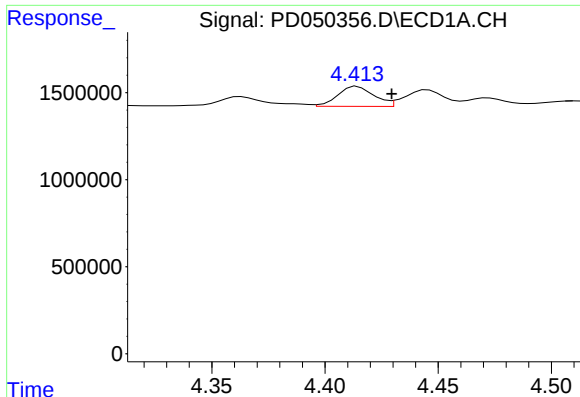
#4 Heptachlor

R.T.: 4.201 min
Delta R.T.: 0.004 min
Response: 876911
Conc: 0.40 ng/ml



#4 Heptachlor

R.T.: 5.199 min
Delta R.T.: -0.039 min
Response: 6241826
Conc: 0.16 ng/ml



#5 Aldrin

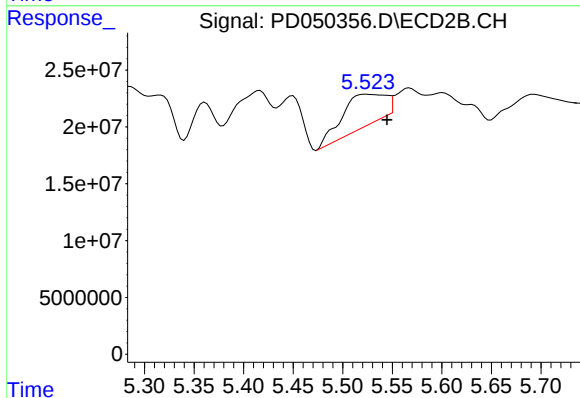
R.T.: 4.414 min

Delta R.T.: -0.015 min

Response: 1279601

Conc: 0.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



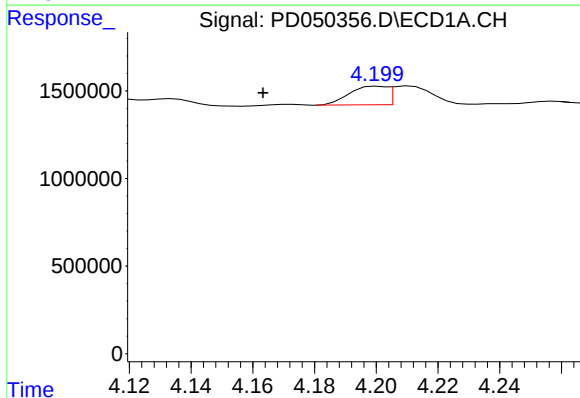
#5 Aldrin

R.T.: 5.524 min

Delta R.T.: -0.020 min

Response: 85176485

Conc: 2.38 ng/ml



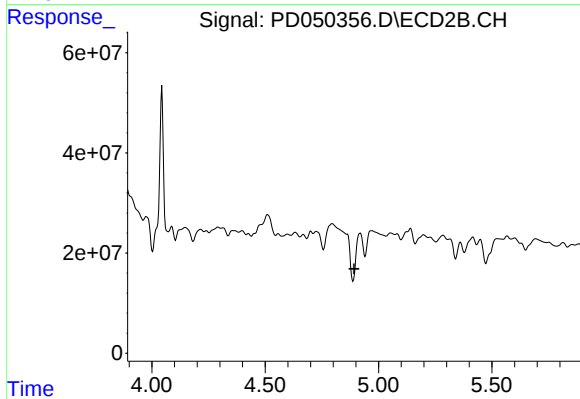
#6 beta-BHC

R.T.: 4.201 min

Delta R.T.: 0.037 min

Response: 876911

Conc: 0.96 ng/ml



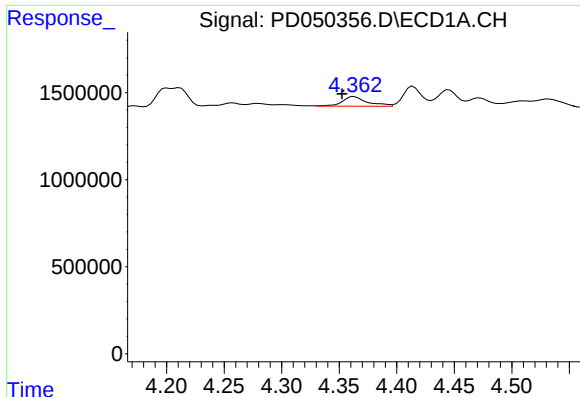
#6 beta-BHC

R.T.: 4.919 min

Delta R.T.: 0.027 min

Response: -52907343

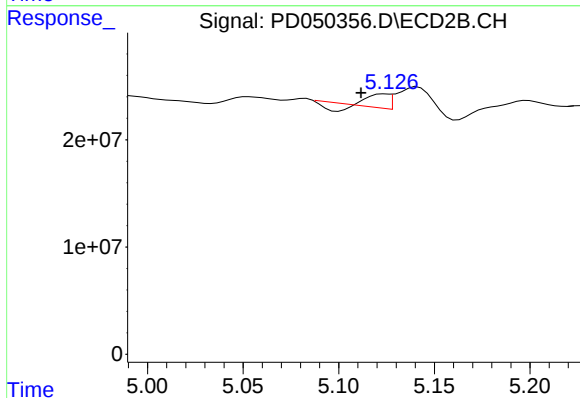
Conc: N.D.



#7 delta-BHC

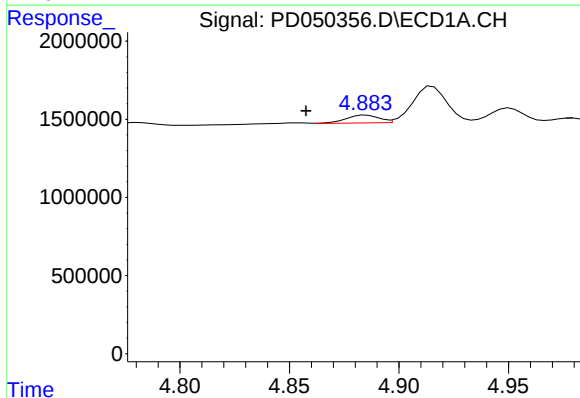
R.T.: 4.363 min
Delta R.T.: 0.011 min
Response: 833679
Conc: 0.38 ng/ml

Instrument :
ECD_D
ClientSampleId :



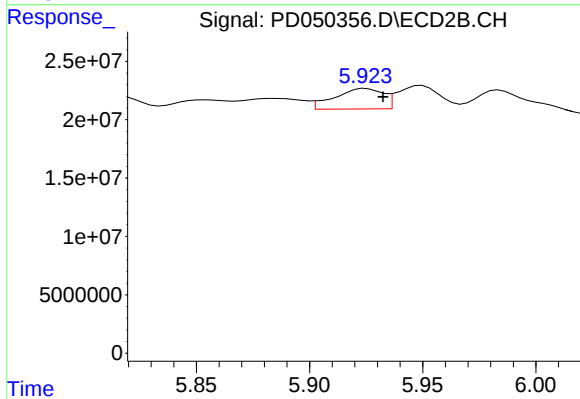
#7 delta-BHC

R.T.: 5.124 min
Delta R.T.: 0.013 min
Response: 4720839
Conc: 0.13 ng/ml



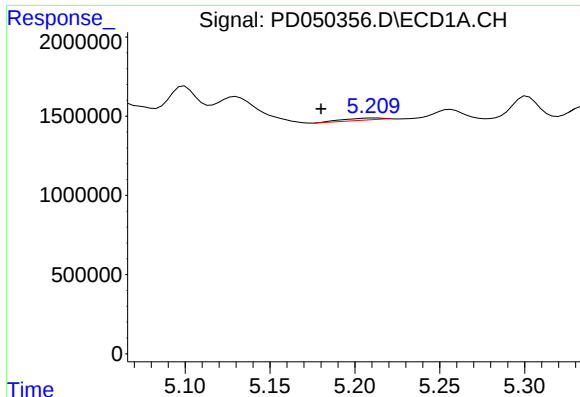
#8 Heptachlor epoxide

R.T.: 4.885 min
Delta R.T.: 0.027 min
Response: 529048
Conc: 0.25 ng/ml



#8 Heptachlor epoxide

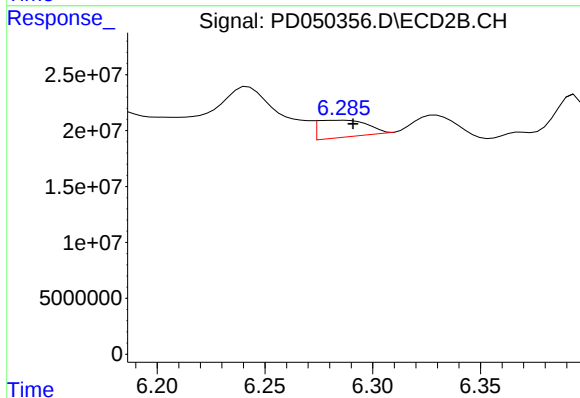
R.T.: 5.925 min
Delta R.T.: -0.007 min
Response: 25935835
Conc: 0.82 ng/ml



#9 Endosulfan I

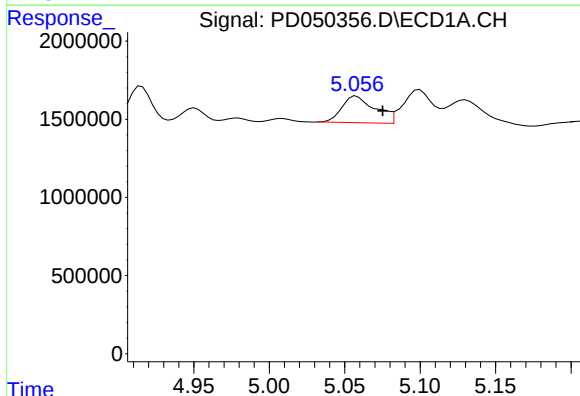
R.T.: 5.211 min
Delta R.T.: 0.031 min
Response: 198048
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



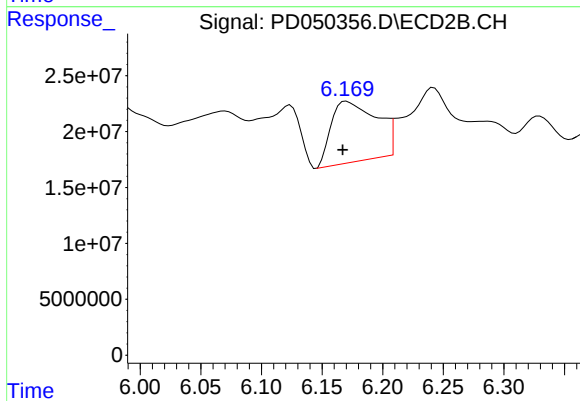
#9 Endosulfan I

R.T.: 6.286 min
Delta R.T.: -0.005 min
Response: 24257557
Conc: 0.85 ng/ml



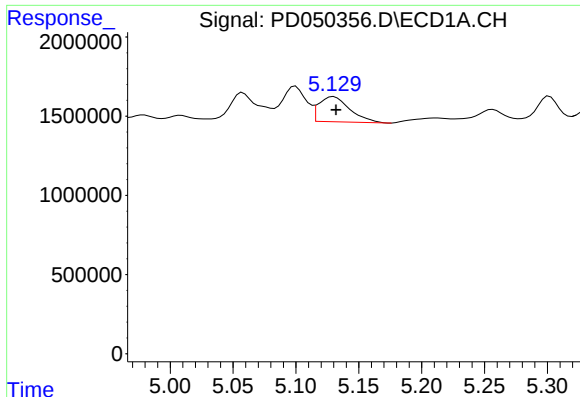
#10 gamma-Chlordane

R.T.: 5.058 min
Delta R.T.: -0.018 min
Response: 2614235
Conc: 1.19 ng/ml



#10 gamma-Chlordane

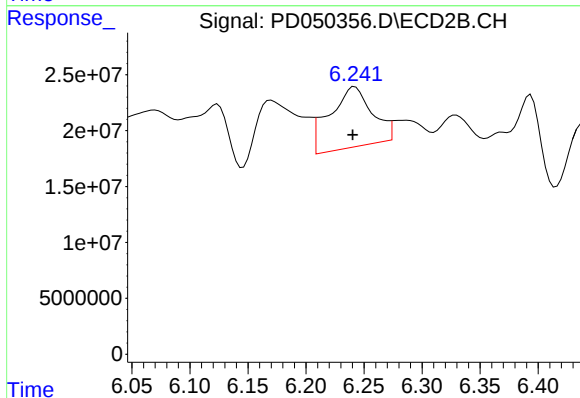
R.T.: 6.170 min
Delta R.T.: 0.003 min
Response: 141223530
Conc: 4.46 ng/ml



#11 alpha-Chlordane

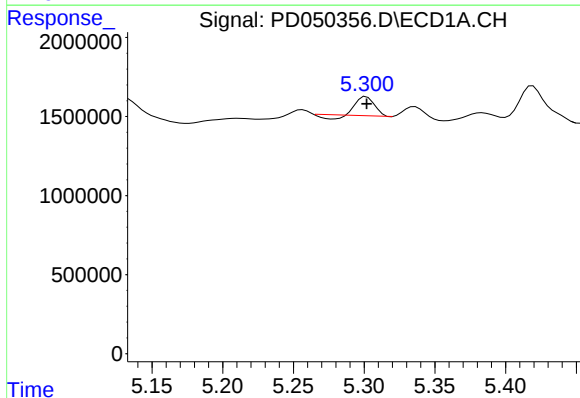
R.T.: 5.130 min
Delta R.T.: -0.002 min
Response: 2709329
Conc: 1.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



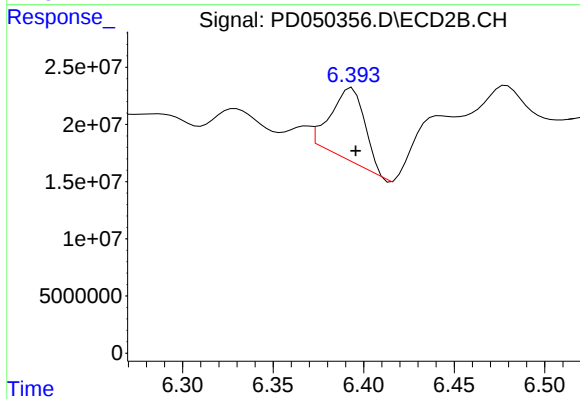
#11 alpha-Chlordane

R.T.: 6.242 min
Delta R.T.: 0.002 min
Response: 137353885
Conc: 4.52 ng/ml



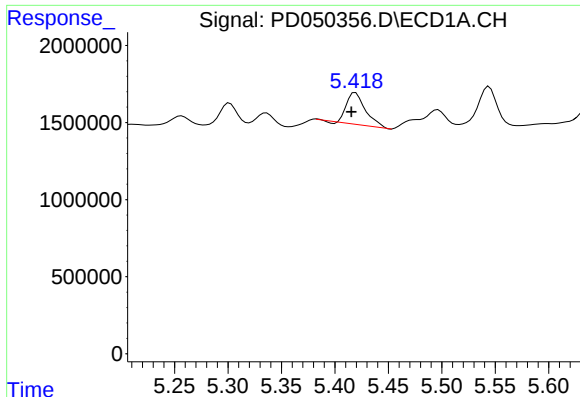
#12 4,4'-DDE

R.T.: 5.302 min
Delta R.T.: 0.000 min
Response: 898838
Conc: 0.44 ng/ml



#12 4,4'-DDE

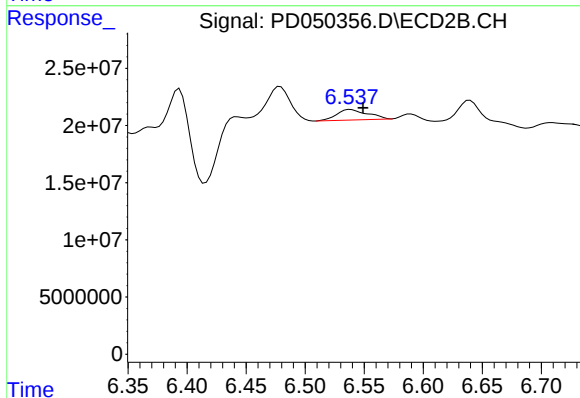
R.T.: 6.393 min
Delta R.T.: -0.002 min
Response: 83019801
Conc: 2.82 ng/ml



#13 Dieldrin

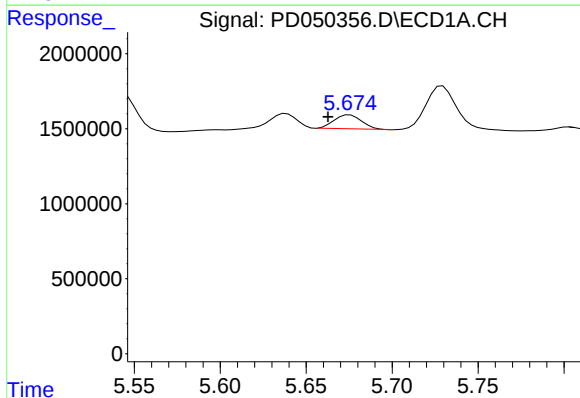
R.T.: 5.419 min
Delta R.T.: 0.004 min
Response: 2543878
Conc: 1.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



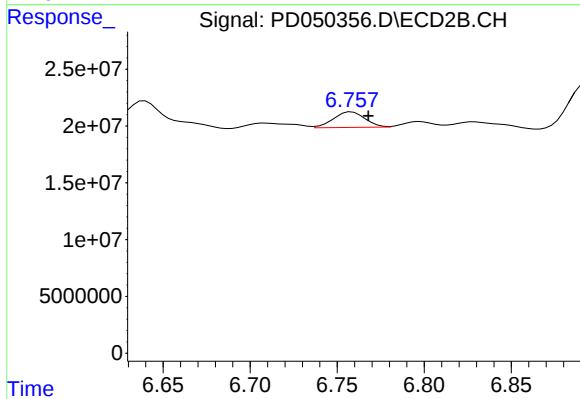
#13 Dieldrin

R.T.: 6.539 min
Delta R.T.: -0.011 min
Response: 16569346
Conc: 0.55 ng/ml



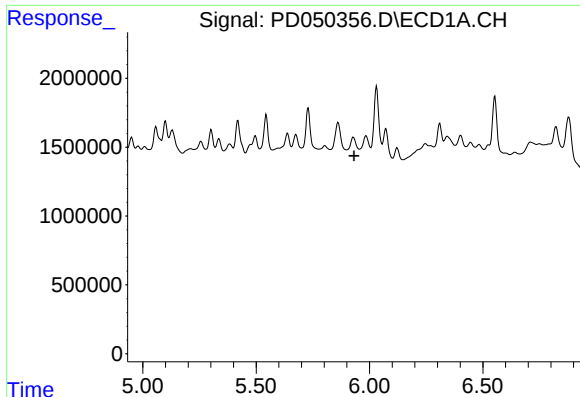
#14 Endrin

R.T.: 5.675 min
Delta R.T.: 0.013 min
Response: 1026002
Conc: 0.53 ng/ml



#14 Endrin

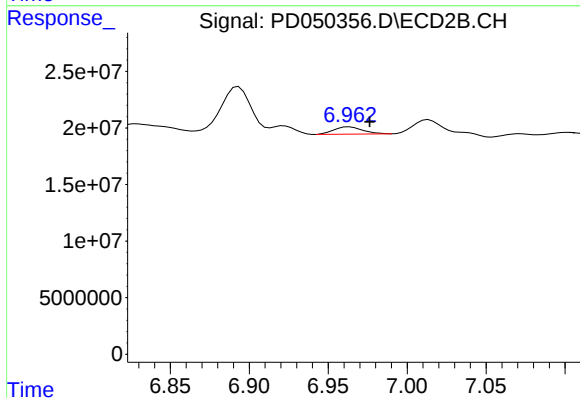
R.T.: 6.758 min
Delta R.T.: -0.010 min
Response: 17184647
Conc: 0.71 ng/ml



#15 Endosulfan II

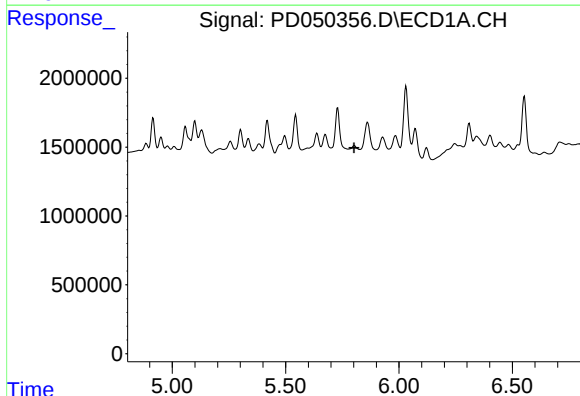
R.T.: 5.929 min
Delta R.T.: -0.004 min
Response: -449423
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



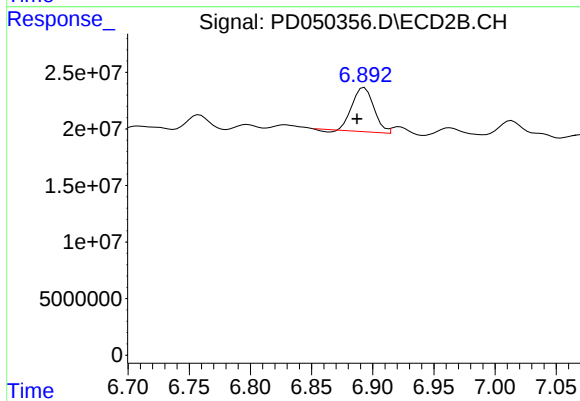
#15 Endosulfan II

R.T.: 6.963 min
Delta R.T.: -0.013 min
Response: 8038689
Conc: 0.33 ng/ml



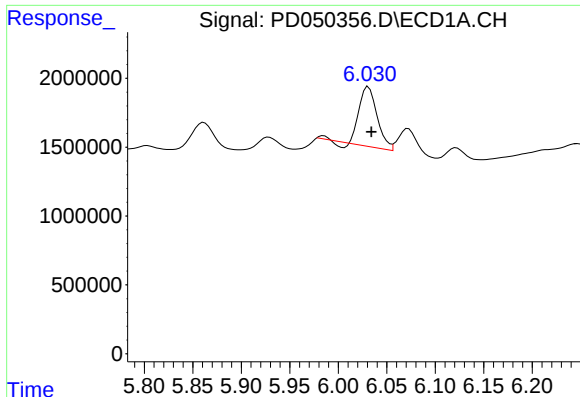
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 5.803 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

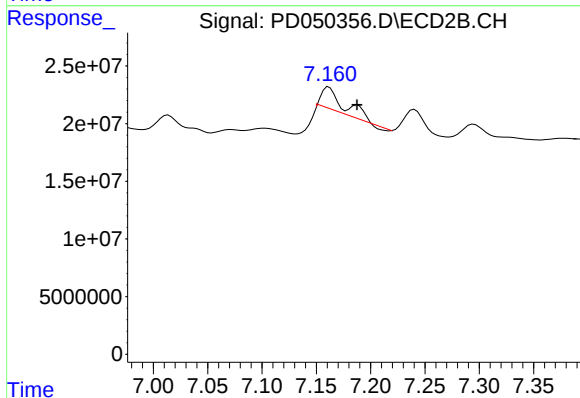
R.T.: 6.893 min
Delta R.T.: 0.006 min
Response: 47279952
Conc: 2.07 ng/ml



#17 4,4'-DDT

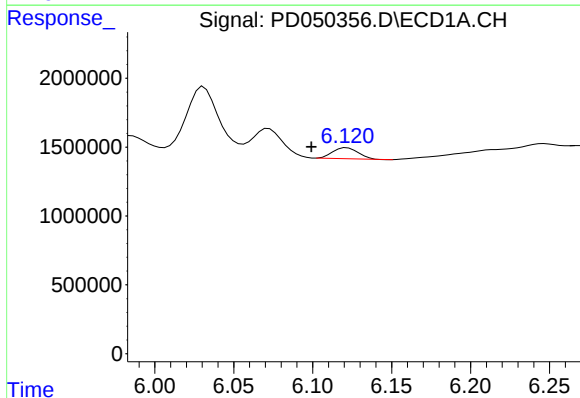
R.T.: 6.031 min
Delta R.T.: -0.003 min
Response: 5466554
Conc: 3.09 ng/ml

Instrument :
ECD_D
ClientSampleId :



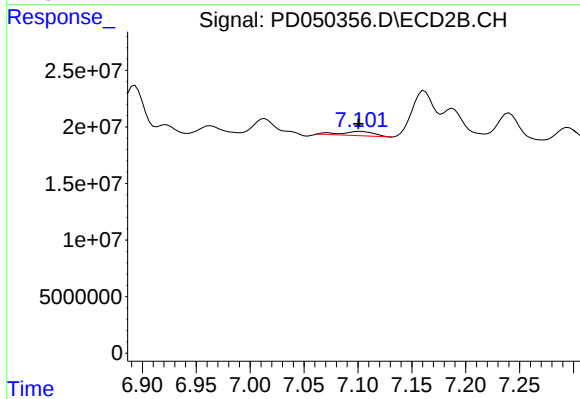
#17 4,4'-DDT

R.T.: 7.188 min
Delta R.T.: 0.000 min
Response: 20483386
Conc: 0.99 ng/ml



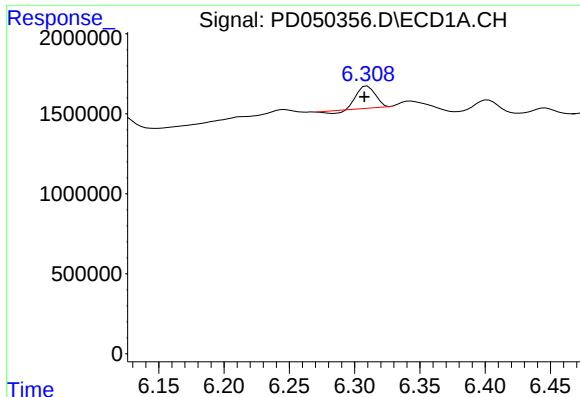
#18 Endrin aldehyde

R.T.: 6.122 min
Delta R.T.: 0.023 min
Response: 758273
Conc: 0.50 ng/ml



#18 Endrin aldehyde

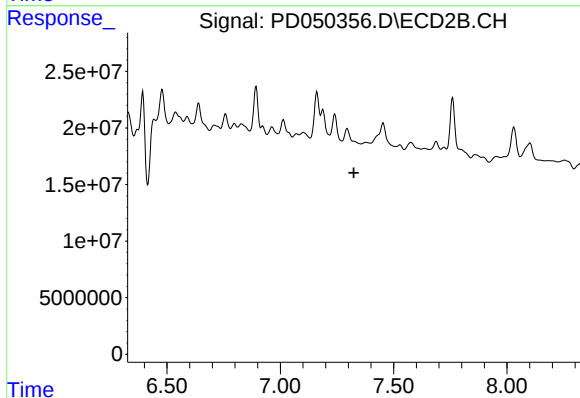
R.T.: 7.102 min
Delta R.T.: 0.002 min
Response: 7431906
Conc: 0.37 ng/ml



#19 Endosulfan Sulfate

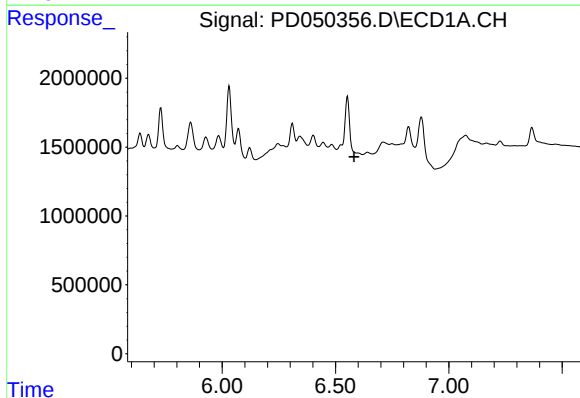
R.T.: 6.310 min
Delta R.T.: 0.002 min
Response: 1261715
Conc: 0.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



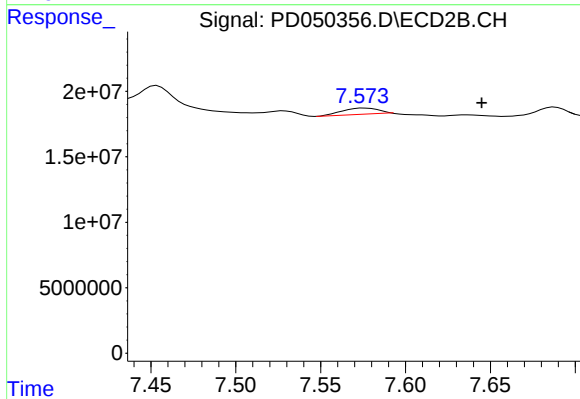
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.324 min
Response: 0
Conc: N.D.



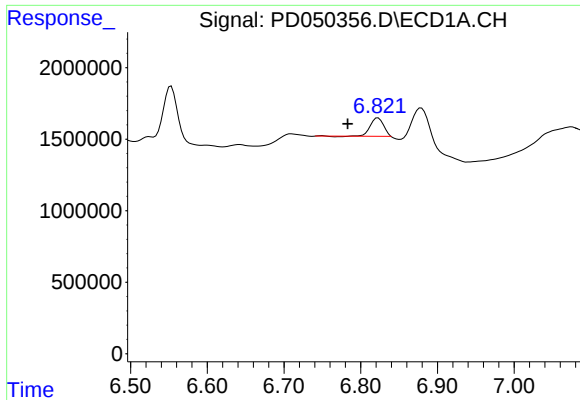
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 6.582 min
Response: 0
Conc: N.D.



#20 Methoxychlor

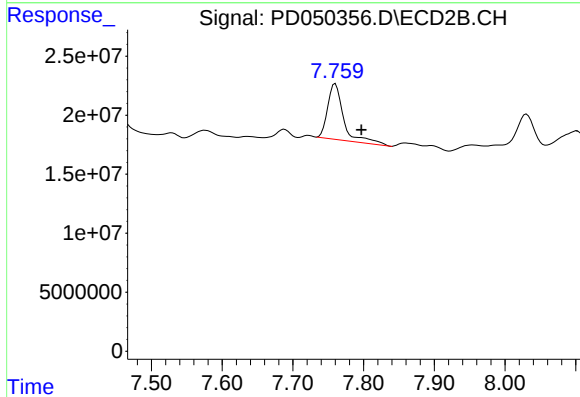
R.T.: 7.576 min
Delta R.T.: -0.069 min
Response: 6673760
Conc: 0.60 ng/ml



#21 Endrin ketone

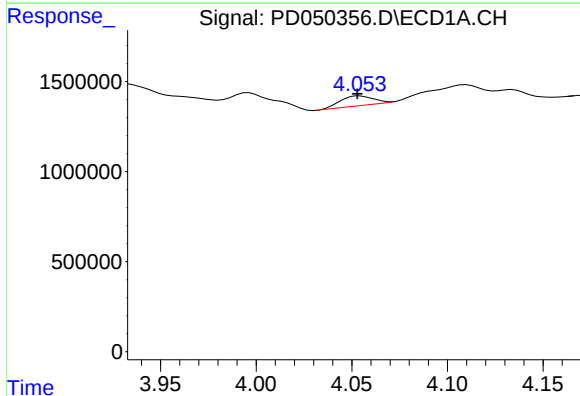
R.T.: 6.823 min
Delta R.T.: 0.039 min
Response: 1532666
Conc: 0.71 ng/ml

Instrument :
ECD_D
ClientSampleId :



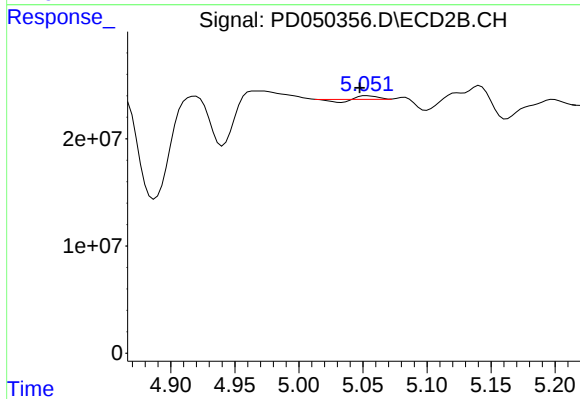
#21 Endrin ketone

R.T.: 7.760 min
Delta R.T.: -0.037 min
Response: 73587916
Conc: 3.17 ng/ml



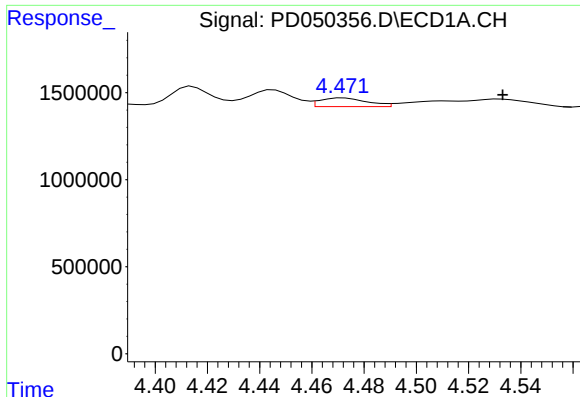
#23 Chlordane-1

R.T.: 4.054 min
Delta R.T.: 0.001 min
Response: 639837
Conc: 9.50 ng/ml



#23 Chlordane-1

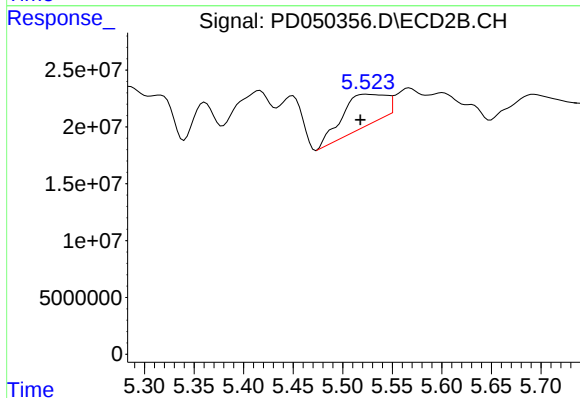
R.T.: 5.053 min
Delta R.T.: 0.005 min
Response: 1361604
Conc: 0.98 ng/ml



#24 Chlordane-2

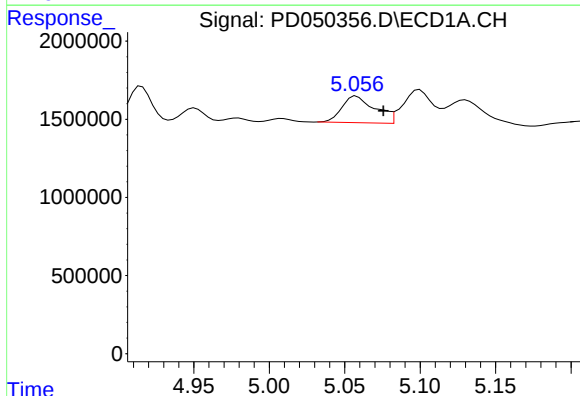
R.T.: 4.472 min
Delta R.T.: -0.061 min
Response: 625313
Conc: 7.94 ng/ml

Instrument :
ECD_D
ClientSampleId :



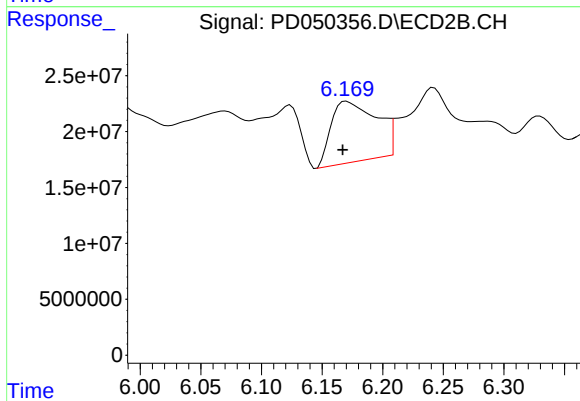
#24 Chlordane-2

R.T.: 5.524 min
Delta R.T.: 0.006 min
Response: 85176485
Conc: 68.28 ng/ml



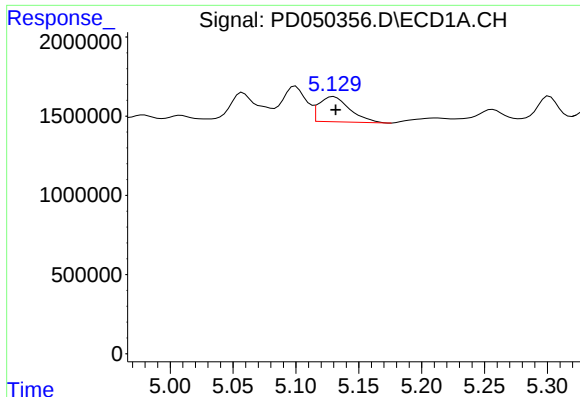
#25 Chlordane-3

R.T.: 5.058 min
Delta R.T.: -0.018 min
Response: 2614235
Conc: 11.25 ng/ml



#25 Chlordane-3

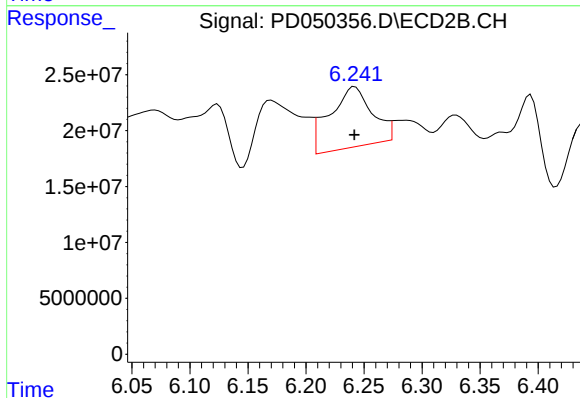
R.T.: 6.170 min
Delta R.T.: 0.003 min
Response: 141223530
Conc: 35.06 ng/ml



#26 Chlordane-4

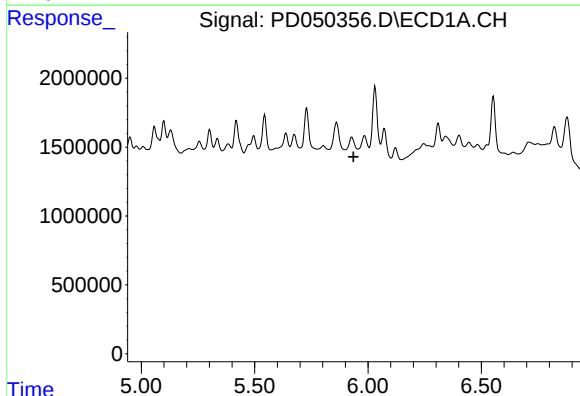
R.T.: 5.130 min
Delta R.T.: -0.002 min
Response: 2709329
Conc: 12.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



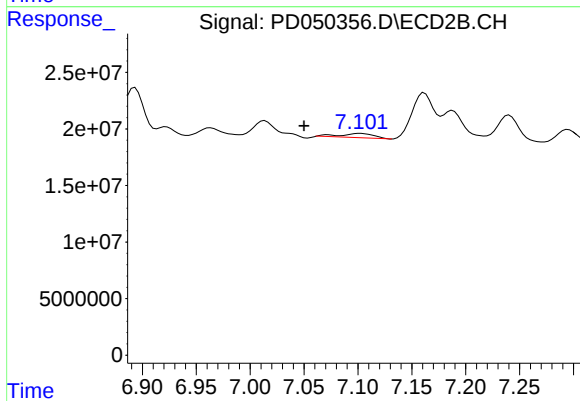
#26 Chlordane-4

R.T.: 6.242 min
Delta R.T.: 0.000 min
Response: 137353885
Conc: 30.00 ng/ml



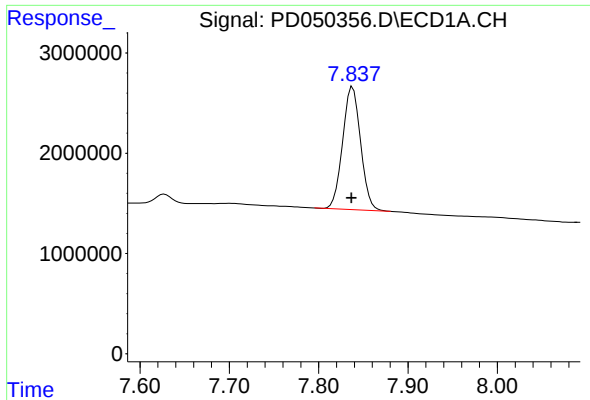
#27 Chlordane-5

R.T.: 5.929 min
Delta R.T.: -0.008 min
Response: -449423
Conc: N.D.



#27 Chlordane-5

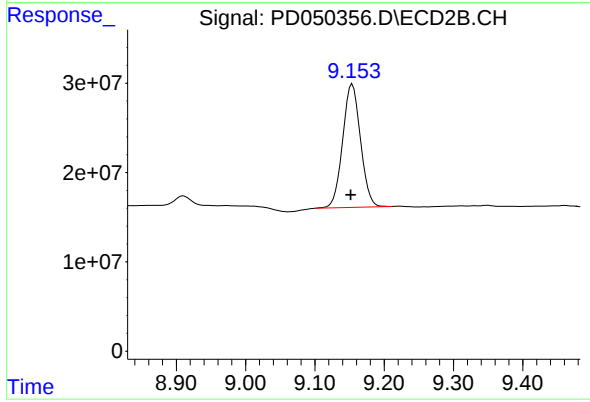
R.T.: 7.102 min
Delta R.T.: 0.053 min
Response: 7431906
Conc: 8.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.838 min
Delta R.T.: 0.001 min
Response: 17085876
Conc: 11.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.154 min
Delta R.T.: 0.002 min
Response: 246905674
Conc: 12.20 ng/ml