

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092520\
 Data File : PD059337.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2020 12:35
 Operator : DD\AJ
 Sample : MDL-TOX-02
 Misc : MDL-SOIL-TOX-02
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 05:10:48 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092420CLP.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 25 05:12:00 2020
 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

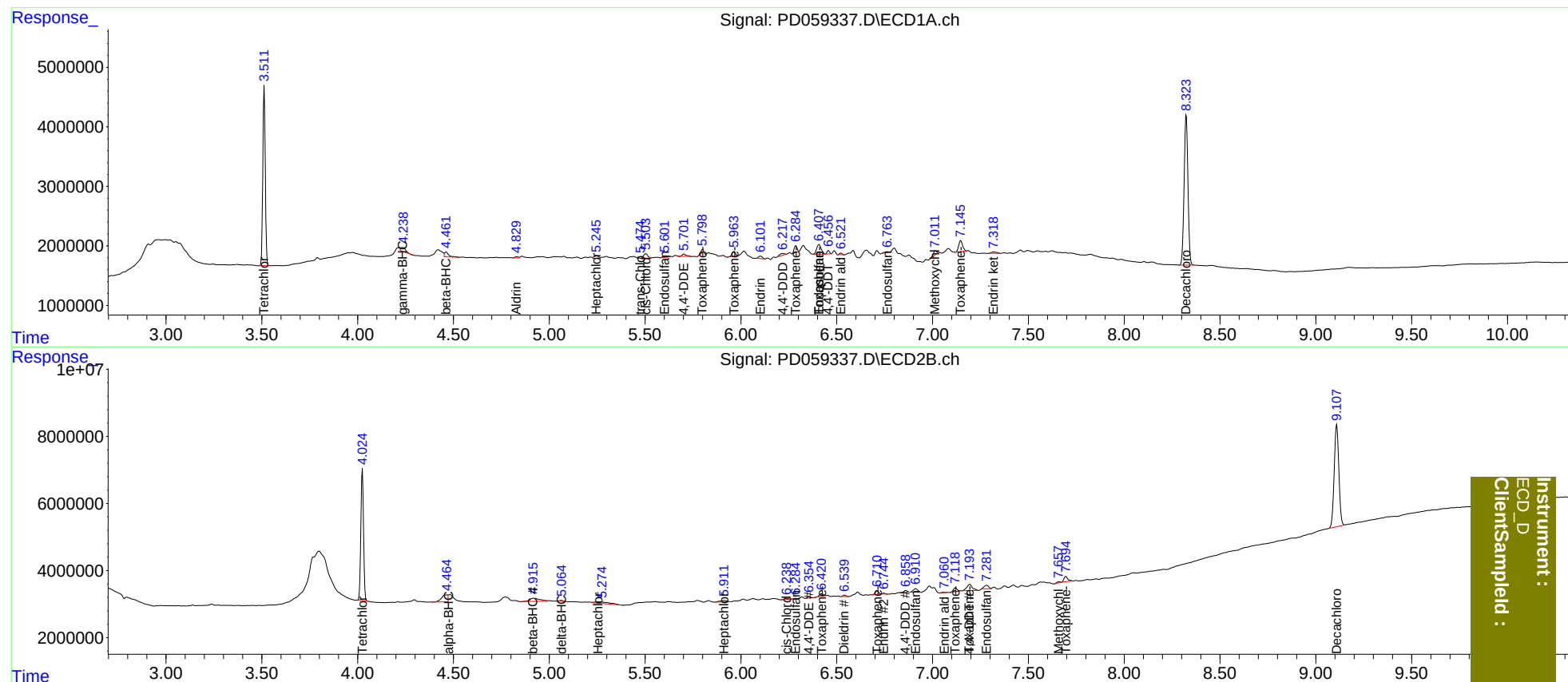
System Monitoring Compounds							
1)	SA Tetrachlo...	3.513	4.025	26994035	38144368	21.520	22.668
27)	SA Decachlor...	8.324	9.109	35029715	51220066	41.511	44.994
Target Compounds							
2)	A alpha-BHC	3.950	4.466f	167443	4585525	<MDL	1.873 #
3)	MA gamma-BHC...	4.236	0.000	1141299	0	0.676	N.D. #
4)	MA Heptachlor	0.000	5.257f	0	2627953	N.D.	1.213
5)	MB Aldrin	4.830	5.507	243336	32370	0.151	<MDL #
6)	B beta-BHC	4.462f	4.917f	1297756	3461115	1.682	3.423 #
7)	B delta-BHC	0.000	5.064	0	236907	N.D.	0.104
8)	B Heptachlo...	5.247	5.912	783378	1157087	0.548	0.615
9)	A Endosulfan I	5.604	6.286	518000	189664	0.403	0.114 #
10)	B trans-Chl...	5.476	6.115	374052	159042	0.265	<MDL #
11)	B cis-Chlor...	5.504f	6.239	1134050	383107	0.805	0.212 #
12)	B 4,4'-DDE	5.703	6.356	482409	516790	0.362	0.303
13)	MA Dieldrin	5.832	6.541	18599	495262	<MDL	0.279 #
14)	MA Endrin	6.102	6.746	609625	275030	0.617	0.214 #
15)	B Endosulfa...	6.408	6.912f	2647083	1726802	2.464	1.210 #
16)	A 4,4'-DDD	6.219	6.860	508169	540540	0.489	0.400
17)	MA 4,4'-DDT	6.457	7.194f	524988	3769255	0.499	3.391 #
18)	B Endrin al...	6.522	7.061	257020	157867	0.290	0.134 #
19)	B Endosulfa...	6.764	7.283	189160	1693982	0.186	1.163 #
20)	A Methoxychlor	7.015	7.659f	772823	371376	1.568	0.599 #
21)	B Endrin ke...	7.319f	7.748	433651	117284	0.403	<MDL #
22)	Toxaphene-1	5.800	6.421	515108	980388	64.602	120.658 #
23)	Toxaphene-2	5.964	6.711	974962	1248478	128.640	127.935
24)	Toxaphene-3	6.287	7.119	1162963	1488254	141.396	116.609
25)	Toxaphene-4	6.408	7.194	2647083	3769255	139.404	117.196
26)	Toxaphene-5	7.147	7.696	2634218	2305901	154.583	122.631

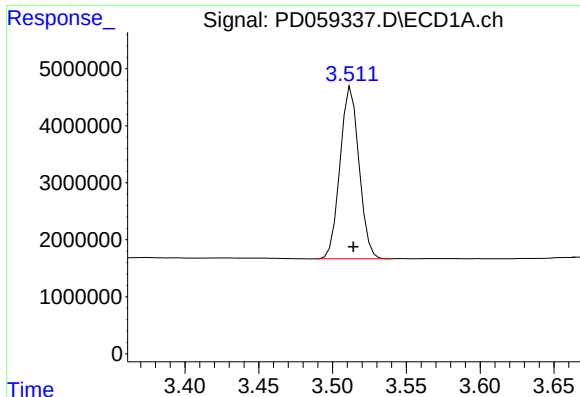
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092520\
Data File : PD059337.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2020 12:35
Operator : DD\AJ
Sample : MDL-TOX-02
Misc : MDL-SOIL-TOX-02
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 05:10:48 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092420CLP.M
Quant Title : GC Extractables
QLast Update : Fri Sep 25 05:12:00 2020
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

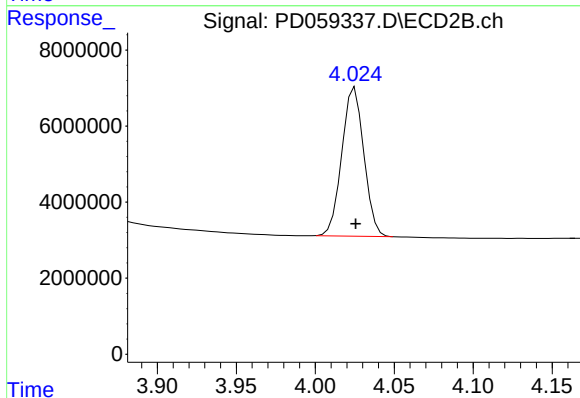




#1 Tetrachloro-m-xylene

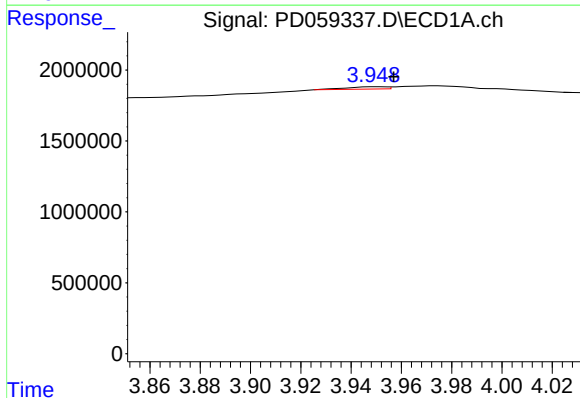
R.T.: 3.513 min
Delta R.T.: -0.001 min
Response: 26994035
Conc: 21.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



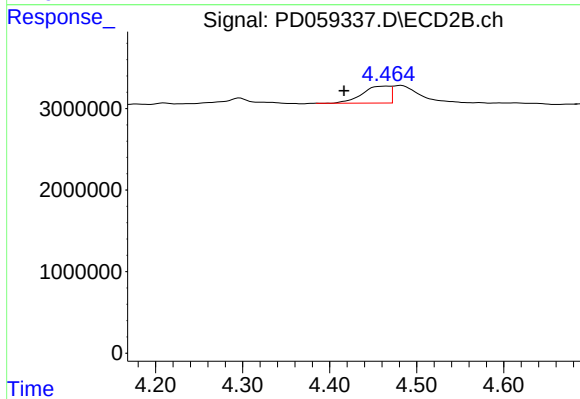
#1 Tetrachloro-m-xylene

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 38144368
Conc: 22.67 ng/ml



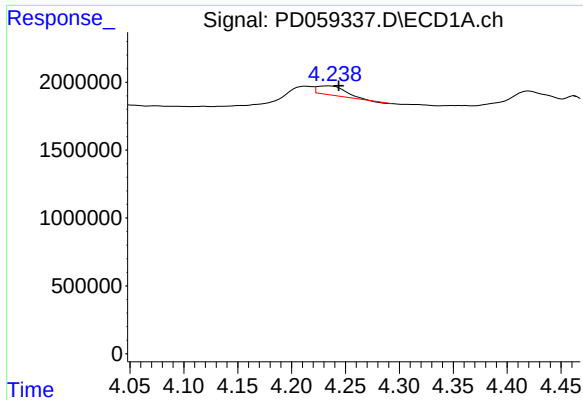
#2 alpha-BHC

R.T.: 3.950 min
Delta R.T.: -0.007 min
Response: 167443
Conc: N.D.



#2 alpha-BHC

R.T.: 4.466 min
Delta R.T.: 0.050 min
Response: 4585525
Conc: 1.87 ng/ml



#3 gamma-BHC (Lindane)

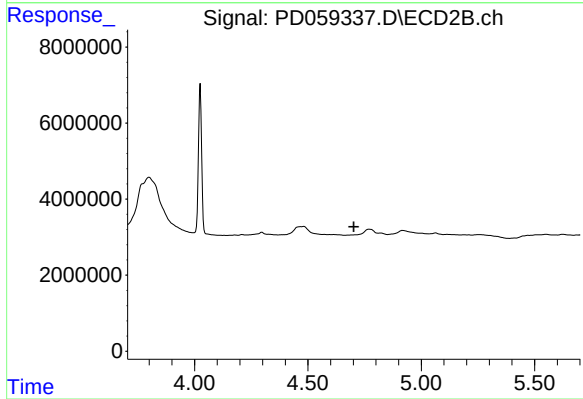
R.T.: 4.236 min

Delta R.T.: -0.008 min

Response: 1141299

Conc: 0.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



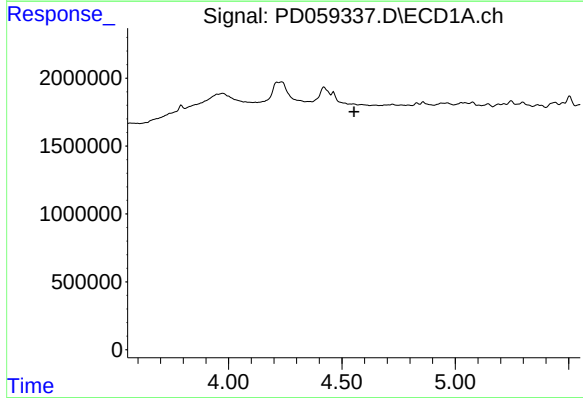
#3 gamma-BHC (Lindane)

R.T.: 0.000 min

Exp R.T. : 4.702 min

Response: 0

Conc: N.D.



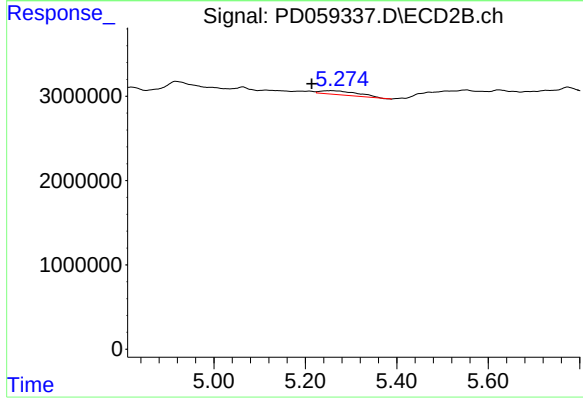
#4 Heptachlor

R.T.: 0.000 min

Exp R.T. : 4.554 min

Response: 0

Conc: N.D.



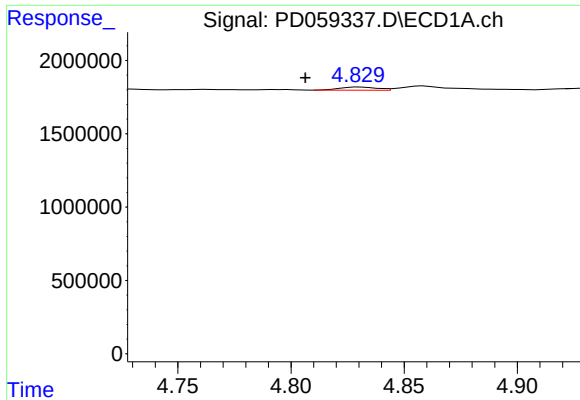
#4 Heptachlor

R.T.: 5.257 min

Delta R.T.: 0.043 min

Response: 2627953

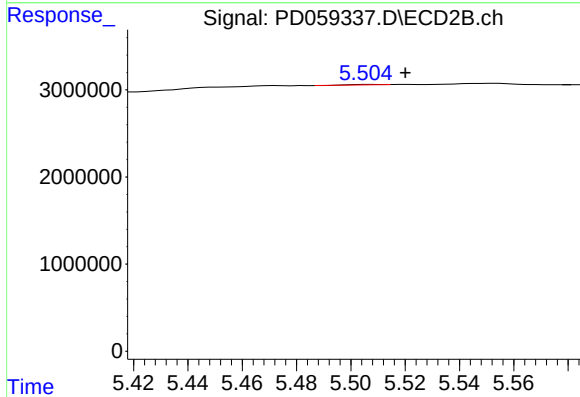
Conc: 1.21 ng/ml



#5 Aldrin

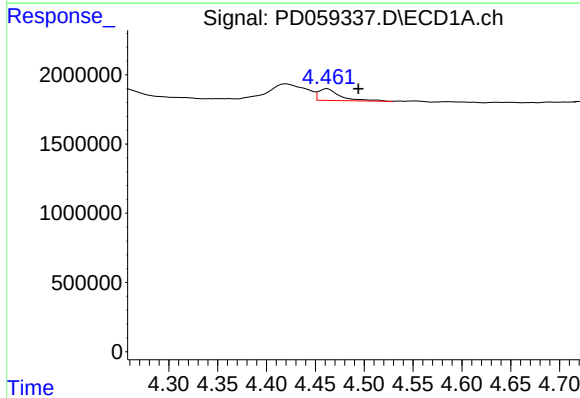
R.T.: 4.830 min
Delta R.T.: 0.024 min
Response: 243336
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



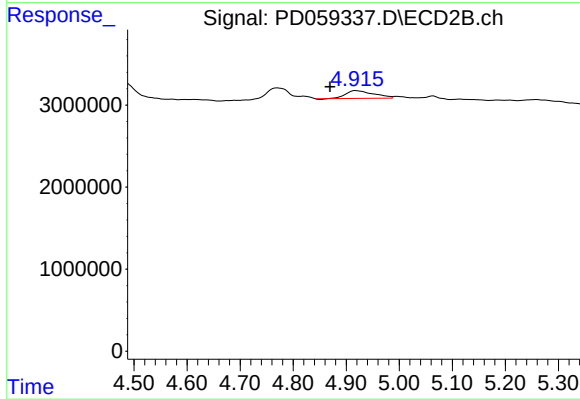
#5 Aldrin

R.T.: 5.507 min
Delta R.T.: -0.013 min
Response: 32370
Conc: N.D.



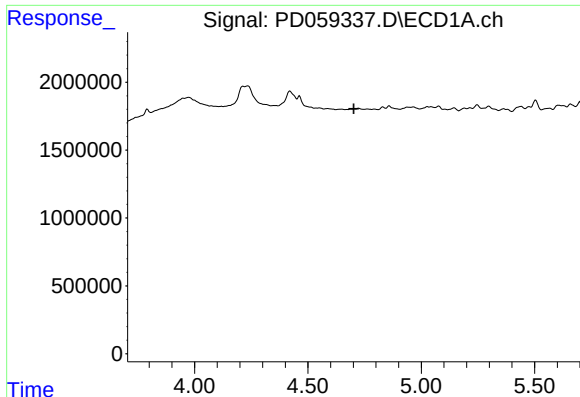
#6 beta-BHC

R.T.: 4.462 min
Delta R.T.: -0.032 min
Response: 1297756
Conc: 1.68 ng/ml



#6 beta-BHC

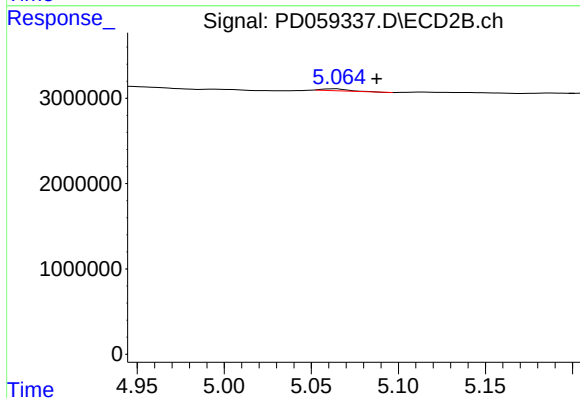
R.T.: 4.917 min
Delta R.T.: 0.047 min
Response: 3461115
Conc: 3.42 ng/ml



#7 delta-BHC

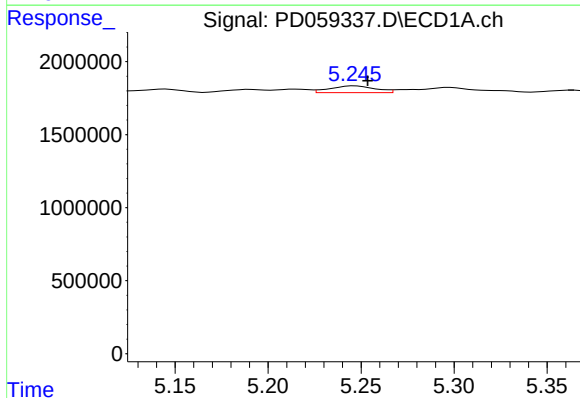
R.T.: 0.000 min
Exp R.T.: 4.703 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



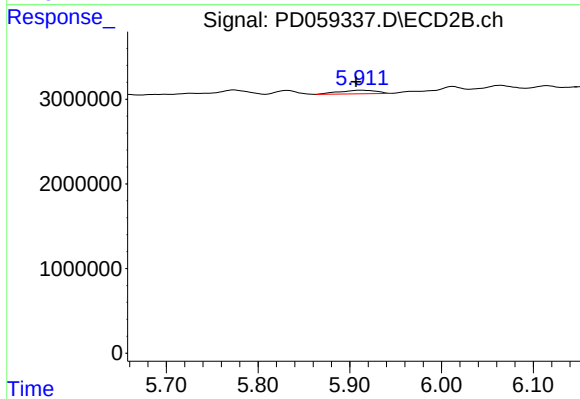
#7 delta-BHC

R.T.: 5.064 min
Delta R.T.: -0.024 min
Response: 236907
Conc: 0.10 ng/ml



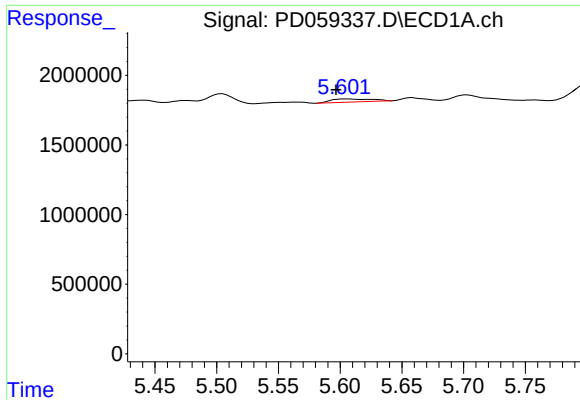
#8 Heptachlor epoxide

R.T.: 5.247 min
Delta R.T.: -0.007 min
Response: 783378
Conc: 0.55 ng/ml



#8 Heptachlor epoxide

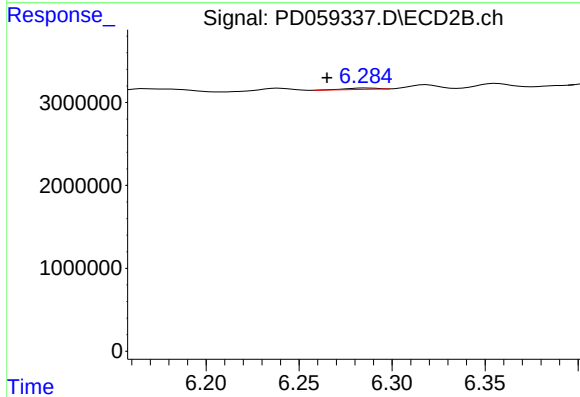
R.T.: 5.912 min
Delta R.T.: 0.005 min
Response: 1157087
Conc: 0.61 ng/ml



#9 Endosulfan I

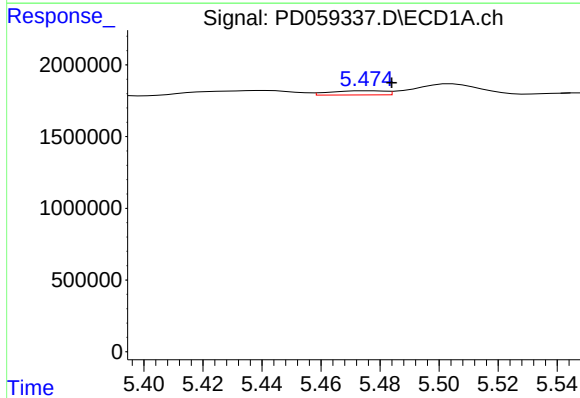
R.T.: 5.604 min
Delta R.T.: 0.008 min
Response: 518000
Conc: 0.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



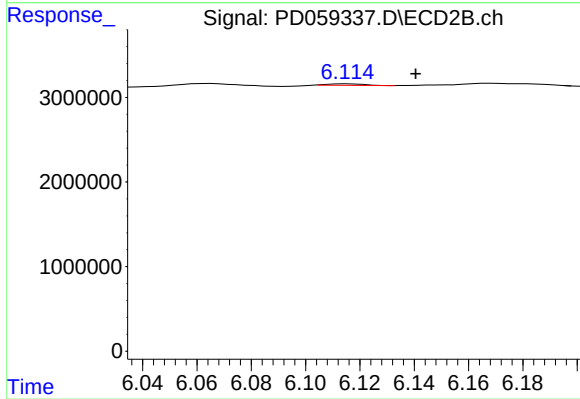
#9 Endosulfan I

R.T.: 6.286 min
Delta R.T.: 0.021 min
Response: 189664
Conc: 0.11 ng/ml



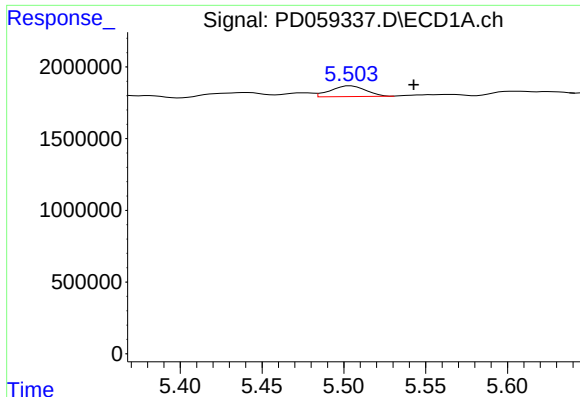
#10 trans-Chlordane

R.T.: 5.476 min
Delta R.T.: -0.008 min
Response: 374052
Conc: 0.26 ng/ml



#10 trans-Chlordane

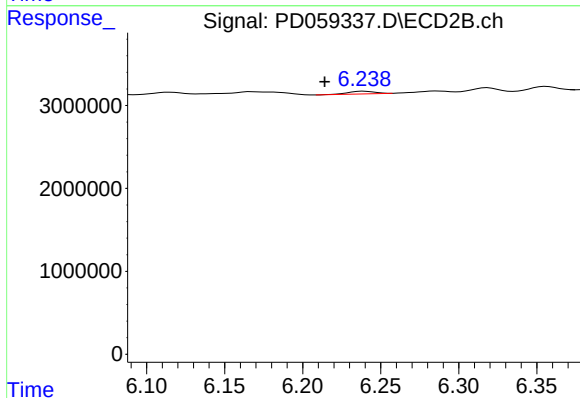
R.T.: 6.115 min
Delta R.T.: -0.025 min
Response: 159042
Conc: N.D.



#11 cis-Chlordane

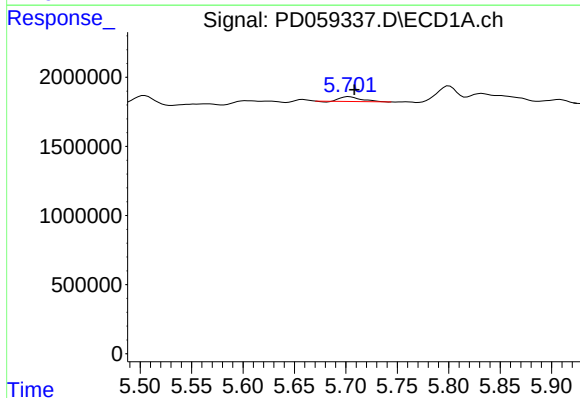
R.T.: 5.504 min
Delta R.T.: -0.038 min
Response: 1134050
Conc: 0.81 ng/ml

Instrument :
ECD_D
ClientSampleId :



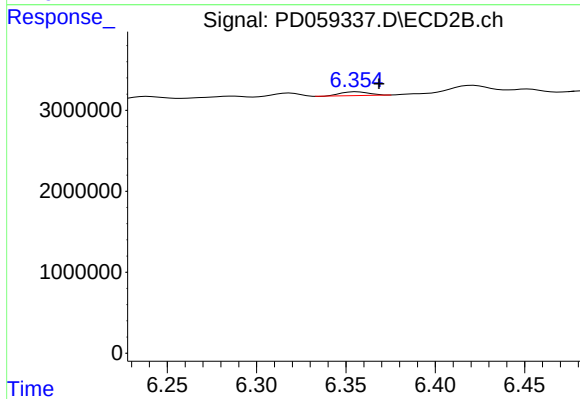
#11 cis-Chlordane

R.T.: 6.239 min
Delta R.T.: 0.025 min
Response: 383107
Conc: 0.21 ng/ml



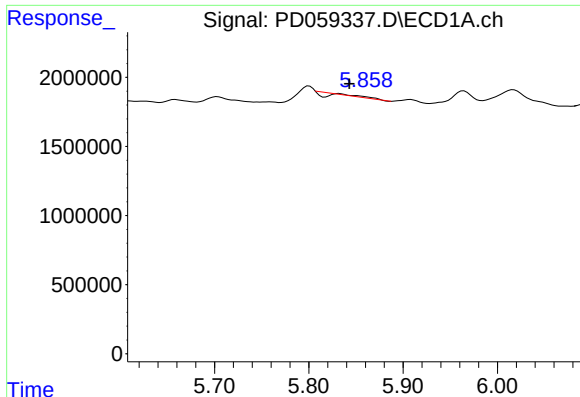
#12 4,4'-DDE

R.T.: 5.703 min
Delta R.T.: -0.005 min
Response: 482409
Conc: 0.36 ng/ml



#12 4,4'-DDE

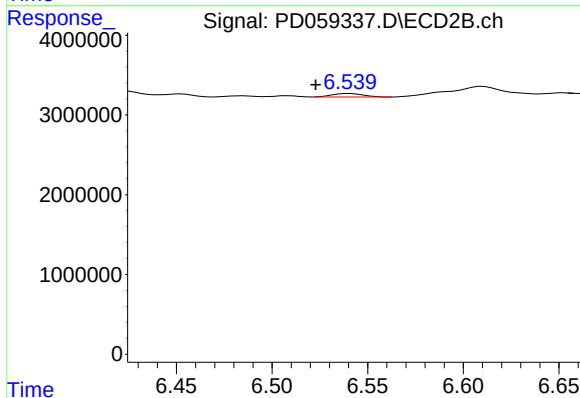
R.T.: 6.356 min
Delta R.T.: -0.013 min
Response: 516790
Conc: 0.30 ng/ml



#13 Dieldrin

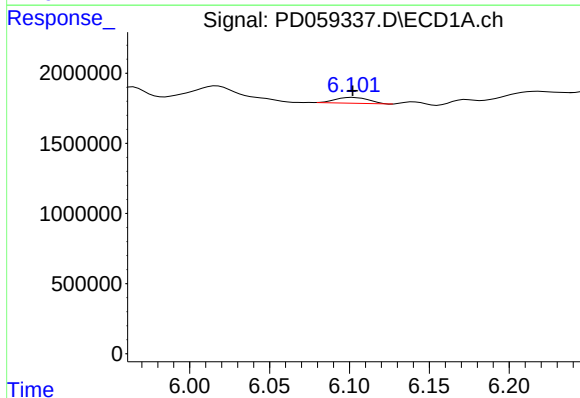
R.T.: 5.832 min
Delta R.T.: -0.011 min
Response: 18599
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



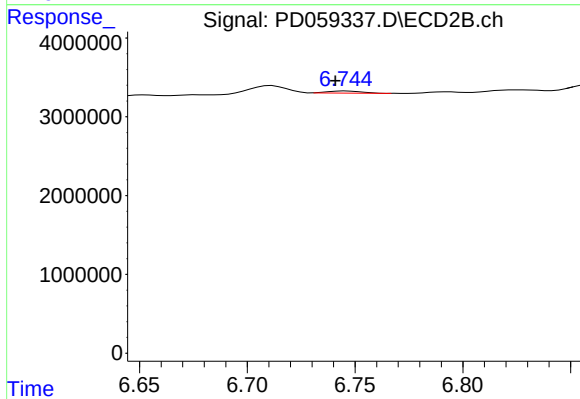
#13 Dieldrin

R.T.: 6.541 min
Delta R.T.: 0.018 min
Response: 495262
Conc: 0.28 ng/ml



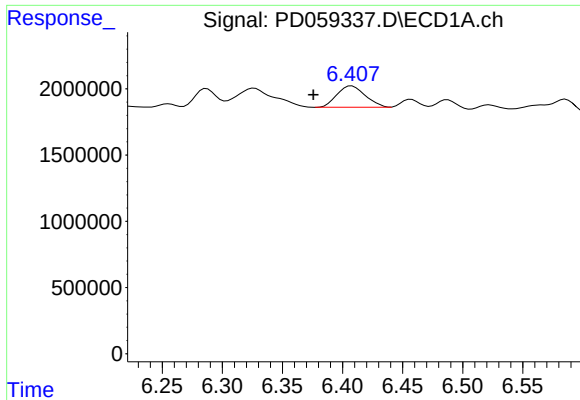
#14 Endrin

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 609625
Conc: 0.62 ng/ml



#14 Endrin

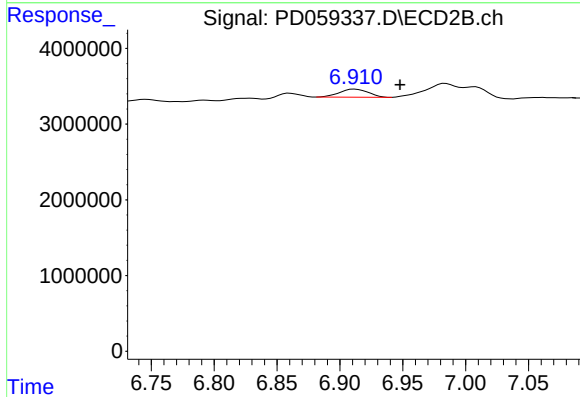
R.T.: 6.746 min
Delta R.T.: 0.005 min
Response: 275030
Conc: 0.21 ng/ml



#15 Endosulfan II

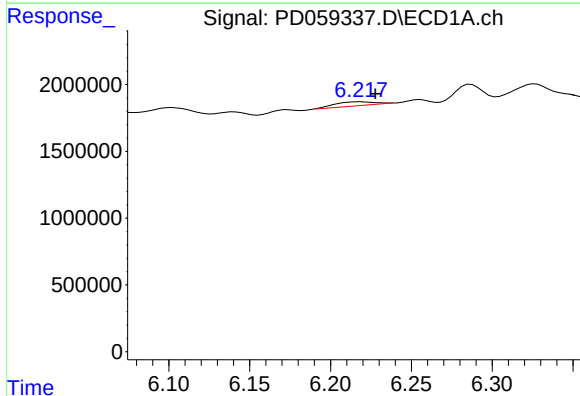
R.T.: 6.408 min
Delta R.T.: 0.032 min
Response: 2647083
Conc: 2.46 ng/ml

Instrument :
ECD_D
ClientSampleId :



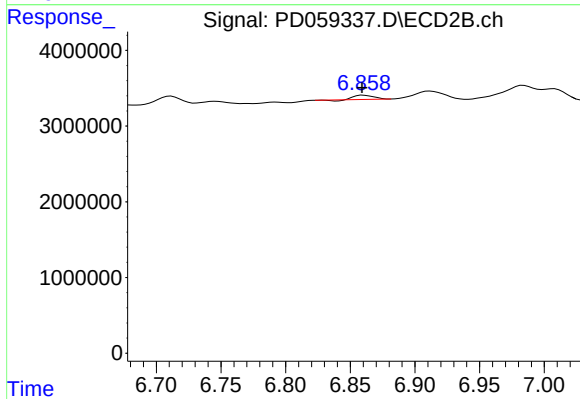
#15 Endosulfan II

R.T.: 6.912 min
Delta R.T.: -0.036 min
Response: 1726802
Conc: 1.21 ng/ml



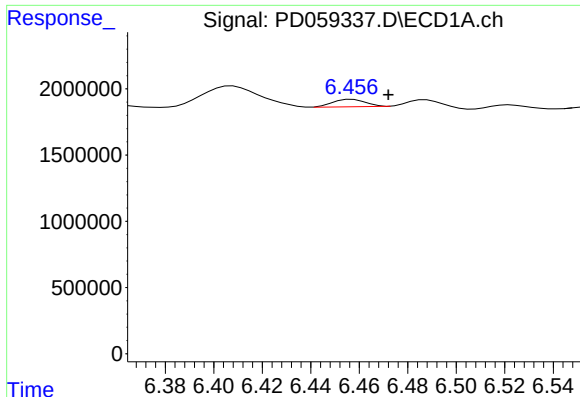
#16 4,4'-DDD

R.T.: 6.219 min
Delta R.T.: -0.009 min
Response: 508169
Conc: 0.49 ng/ml



#16 4,4'-DDD

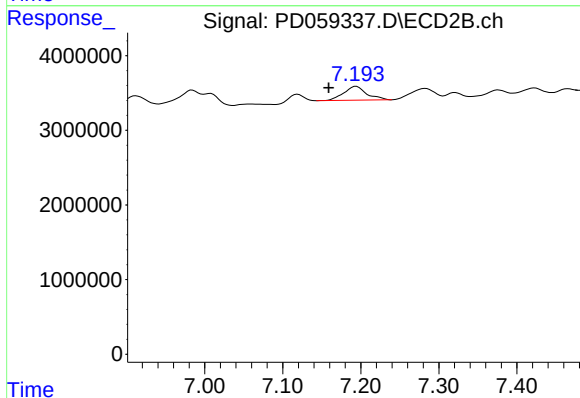
R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 540540
Conc: 0.40 ng/ml



#17 4,4'-DDT

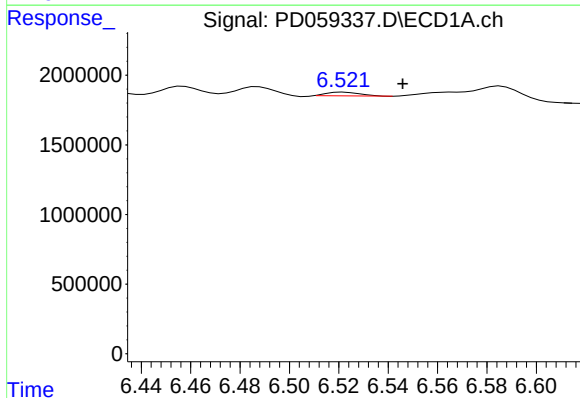
R.T.: 6.457 min
Delta R.T.: -0.015 min
Response: 524988
Conc: 0.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



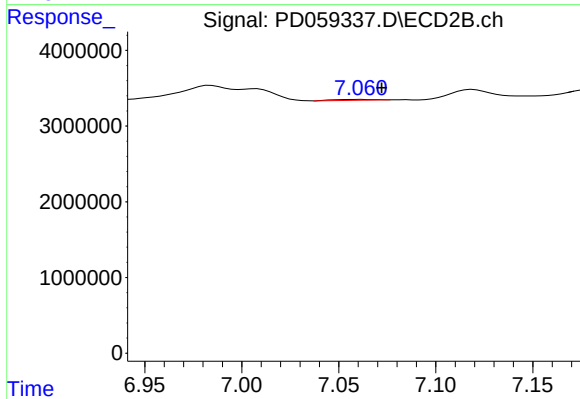
#17 4,4'-DDT

R.T.: 7.194 min
Delta R.T.: 0.035 min
Response: 3769255
Conc: 3.39 ng/ml



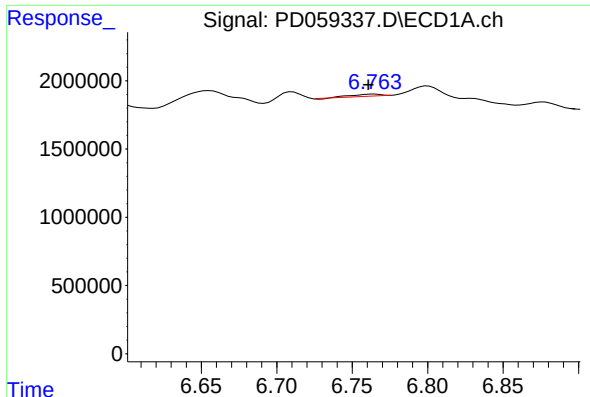
#18 Endrin aldehyde

R.T.: 6.522 min
Delta R.T.: -0.024 min
Response: 257020
Conc: 0.29 ng/ml



#18 Endrin aldehyde

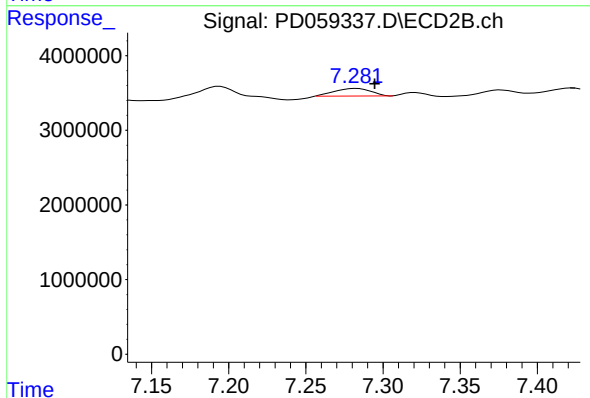
R.T.: 7.061 min
Delta R.T.: -0.011 min
Response: 157867
Conc: 0.13 ng/ml



#19 Endosulfan Sulfate

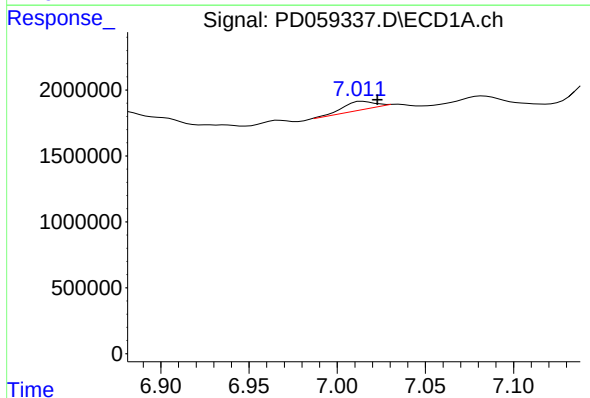
R.T.: 6.764 min
Delta R.T.: 0.004 min
Response: 189160
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



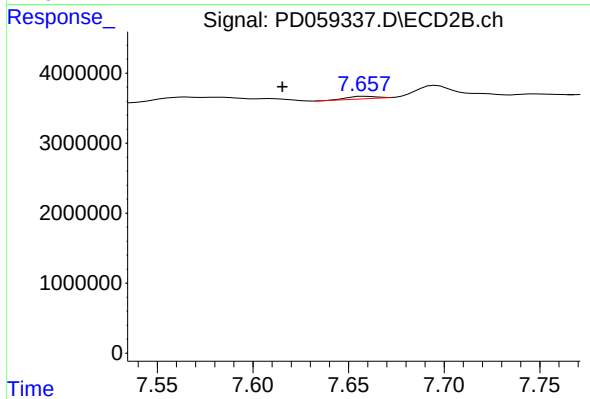
#19 Endosulfan Sulfate

R.T.: 7.283 min
Delta R.T.: -0.012 min
Response: 1693982
Conc: 1.16 ng/ml



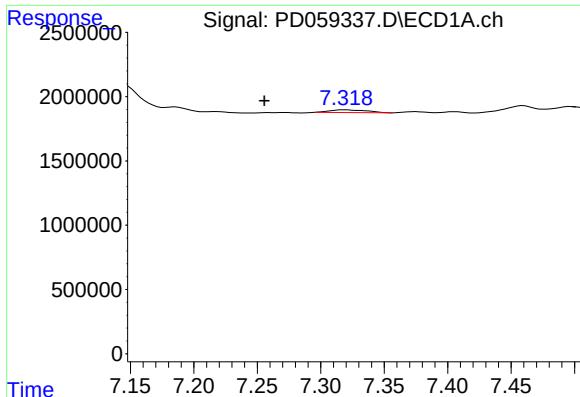
#20 Methoxychlor

R.T.: 7.015 min
Delta R.T.: -0.008 min
Response: 772823
Conc: 1.57 ng/ml



#20 Methoxychlor

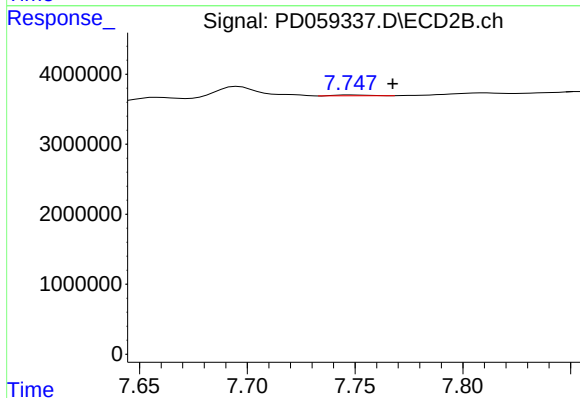
R.T.: 7.659 min
Delta R.T.: 0.043 min
Response: 371376
Conc: 0.60 ng/ml



#21 Endrin ketone

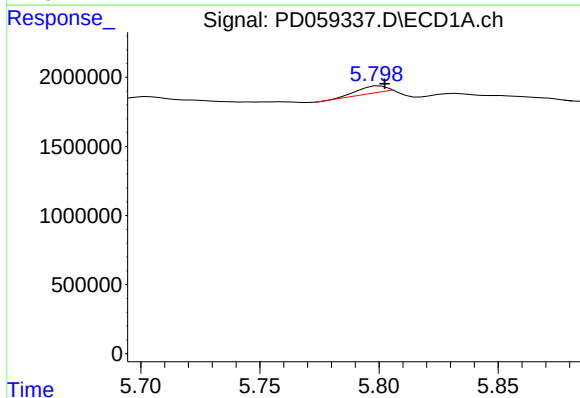
R.T.: 7.319 min
Delta R.T.: 0.063 min
Response: 433651
Conc: 0.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



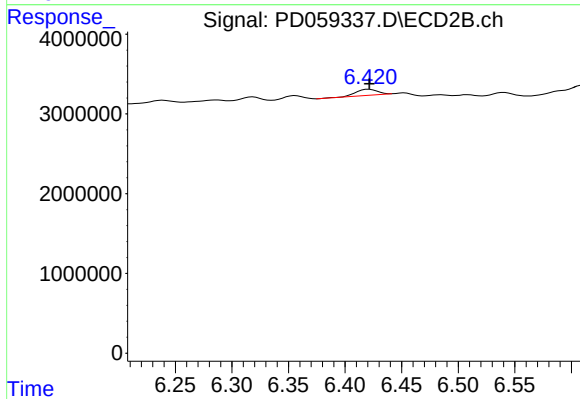
#21 Endrin ketone

R.T.: 7.748 min
Delta R.T.: -0.019 min
Response: 117284
Conc: N.D.



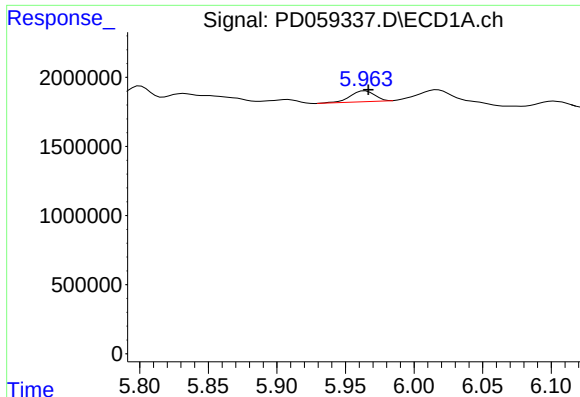
#22 Toxaphene-1

R.T.: 5.800 min
Delta R.T.: -0.002 min
Response: 515108
Conc: 64.60 ng/ml



#22 Toxaphene-1

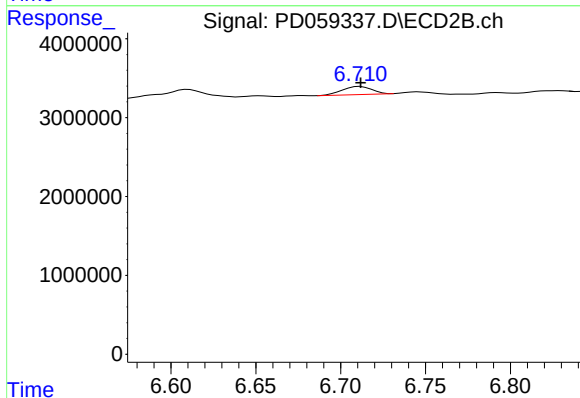
R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 980388
Conc: 120.66 ng/ml



#23 Toxaphene-2

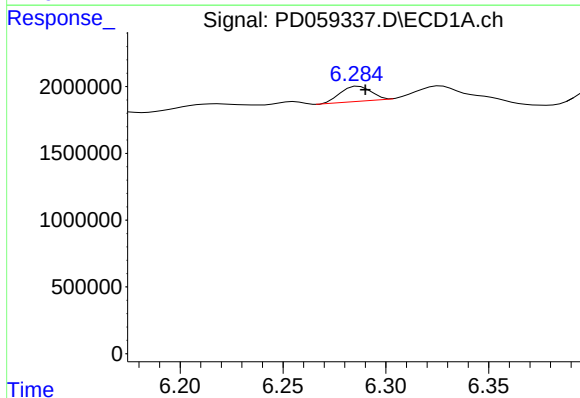
R.T.: 5.964 min
Delta R.T.: -0.002 min
Response: 974962
Conc: 128.64 ng/ml

Instrument :
ECD_D
ClientSampleId :



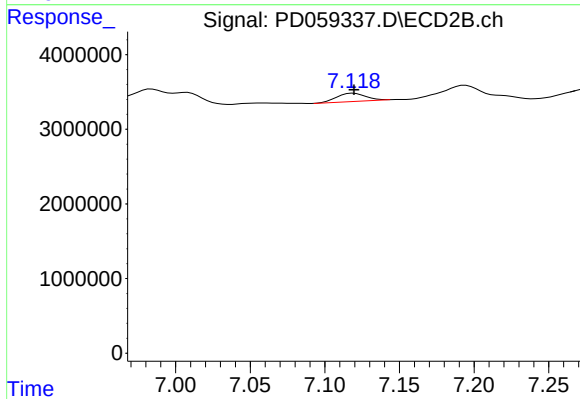
#23 Toxaphene-2

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 1248478
Conc: 127.93 ng/ml



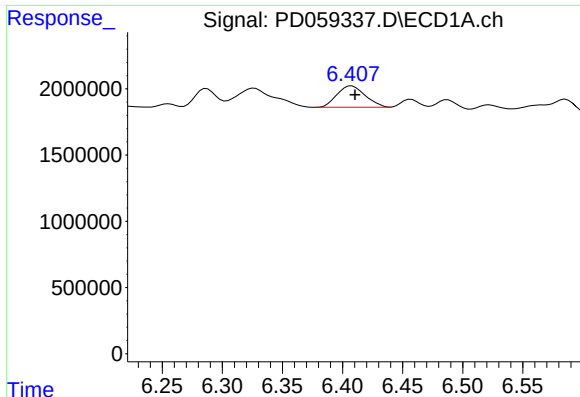
#24 Toxaphene-3

R.T.: 6.287 min
Delta R.T.: -0.003 min
Response: 1162963
Conc: 141.40 ng/ml



#24 Toxaphene-3

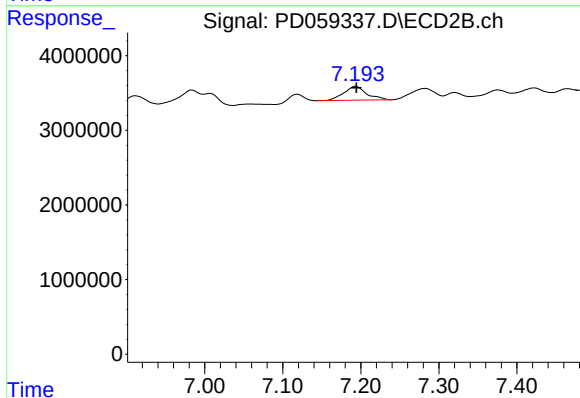
R.T.: 7.119 min
Delta R.T.: 0.000 min
Response: 1488254
Conc: 116.61 ng/ml



#25 Toxaphene-4

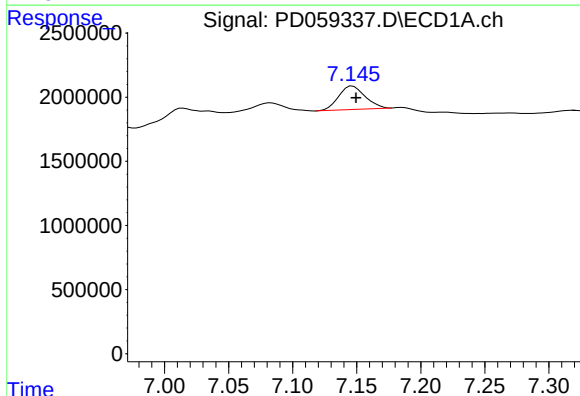
R.T.: 6.408 min
Delta R.T.: -0.003 min
Response: 2647083
Conc: 139.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



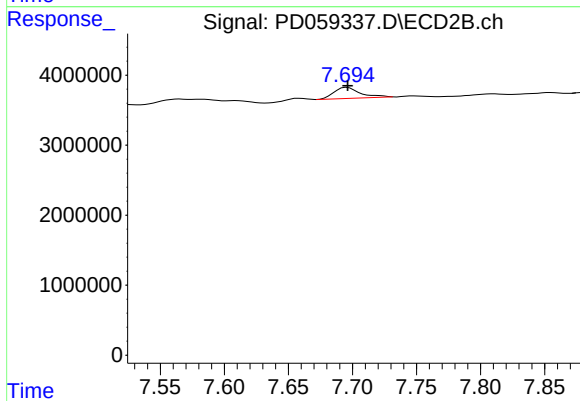
#25 Toxaphene-4

R.T.: 7.194 min
Delta R.T.: 0.000 min
Response: 3769255
Conc: 117.20 ng/ml



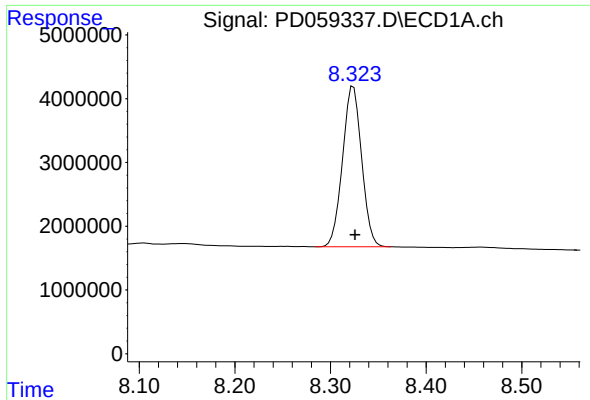
#26 Toxaphene-5

R.T.: 7.147 min
Delta R.T.: -0.003 min
Response: 2634218
Conc: 154.58 ng/ml



#26 Toxaphene-5

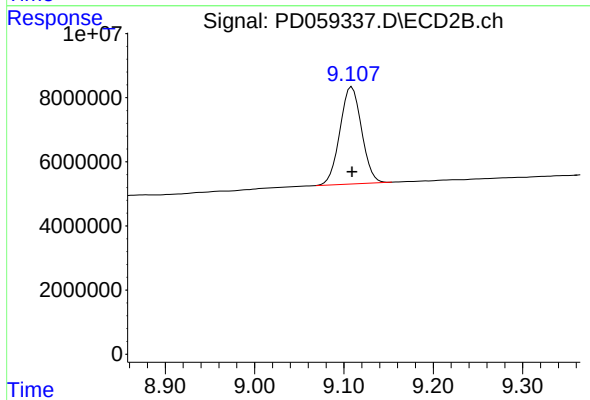
R.T.: 7.696 min
Delta R.T.: 0.000 min
Response: 2305901
Conc: 122.63 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.324 min
Delta R.T.: -0.002 min
Response: 35029715
Conc: 41.51 ng/ml

Instrument :
ECD_D
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.109 min
Delta R.T.: 0.000 min
Response: 51220066
Conc: 44.99 ng/ml