

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112525\
 Data File : PD091356.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Nov 2025 19:25
 Operator : AR\AJ
 Sample : Q3709-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 00:06:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.542	2.872	107.3E6	782.0E6	31.112	21.347 #
28)	SA Decachlor...	9.060	8.054	68205273	656.9E6	13.691	16.599
Target Compounds							
2)	A alpha-BHC	3.967f	3.390	1551890	57269732	0.194	0.906 #
3)	MA gamma-BHC...	0.000	3.724	0	34603811	N.D.	0.598 #
4)	MA Heptachlor	4.943f	4.071	33116415	55964992	4.624	1.014 #
5)	MB Aldrin	0.000	4.357	0	59028180	N.D.	1.046 #
6)	B beta-BHC	4.535f	4.028	6094956	63685561	2.098	2.651 #
7)	B delta-BHC	4.766	4.262	10226051	34428473	1.376	0.589 #
8)	B Heptachlo...	5.678	4.859	56620673	412.0E6	8.715	8.085
9)	A Endosulfan I	6.092f	5.256f	7010322	571.0E6	1.141	11.932 #
10)	B gamma-Chl...	5.936	5.112	173.6E6	1683.6E6	26.710	30.820
11)	B alpha-Chl...	6.018	5.177	284.0E6	2268.7E6	41.261	43.353
12)	B 4,4'-DDE	6.188	5.361	7555204	157.4E6	1.303	2.944 #
13)	MA Dieldrin	6.335	5.499	18947000	489.9E6	2.931	9.021 #
14)	MA Endrin	6.566	5.778	115601	58572501	0.023	1.296 #
15)	B Endosulfa...	6.806f	6.076	6660748	492.1E6	1.198	10.542 #
16)	A 4,4'-DDD	6.716f	5.916	5166348	-31366153	1.052	N.D. #
17)	MA 4,4'-DDT	7.011	6.168	15437656	209.7E6	3.733	5.359 #
18)	B Endrin al...	6.914	6.258	7535311	32117707	1.809	0.910 #
19)	B Endosulfa...	7.155	6.486	600895	37308498	0.117	0.832 #
20)	A Methoxychlor	0.000	6.717f	0	15545850	N.D.	0.775 #
21)	B Endrin ke...	7.595f	6.956f	12016319	107.9E6	2.133	2.118
22)	Mirex	8.100	7.186	3726295	-18234248	1.048	N.D. #
23)	Chlordane-1	4.703	3.893	-937980	202.7E6	N.D.	117.805
24)	Chlordane-2	5.226	4.478	128.0E6	975.8E6	518.375	557.261
25)	Chlordane-3	5.936	5.112	173.6E6	1683.6E6	179.965	292.618 #
26)	Chlordane-4	6.018	5.177	284.0E6	2268.7E6	236.424	474.276 #
27)	Chlordane-5	6.860	6.076	34948088	492.1E6	176.888	242.499 #

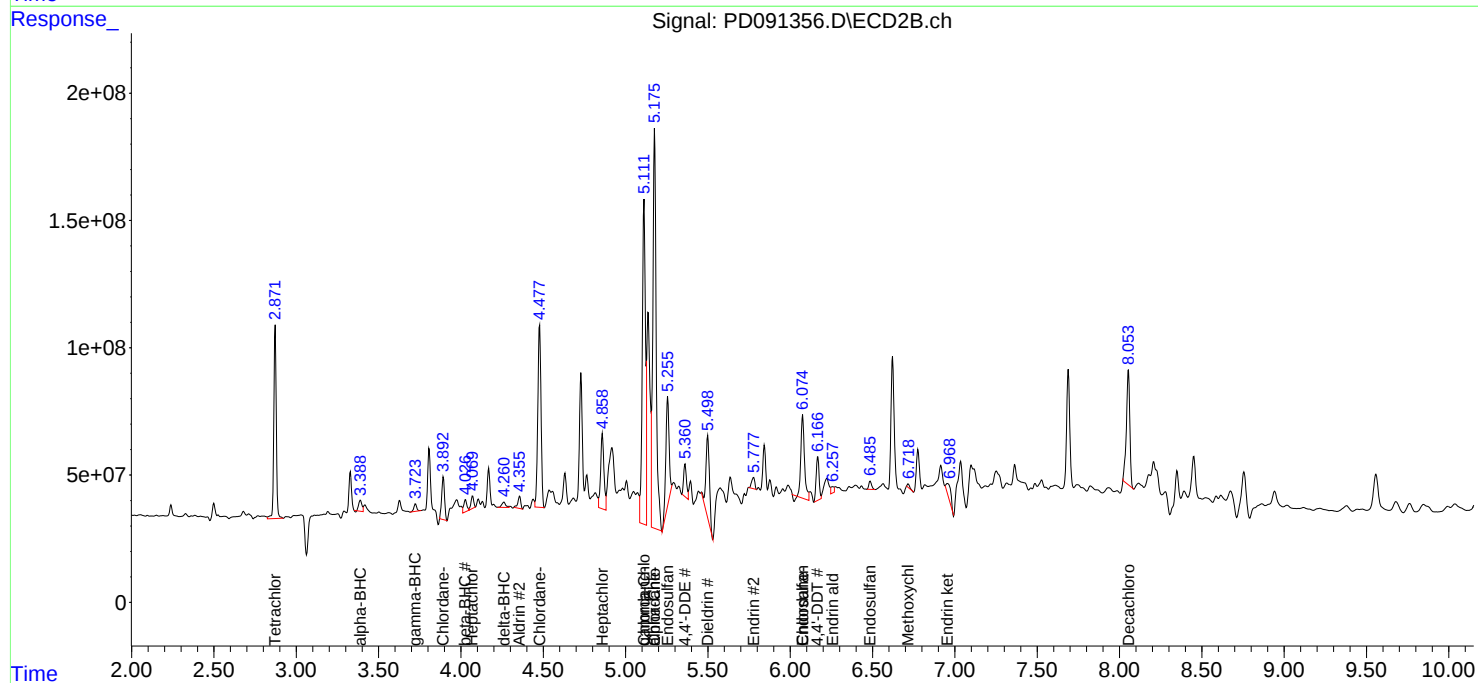
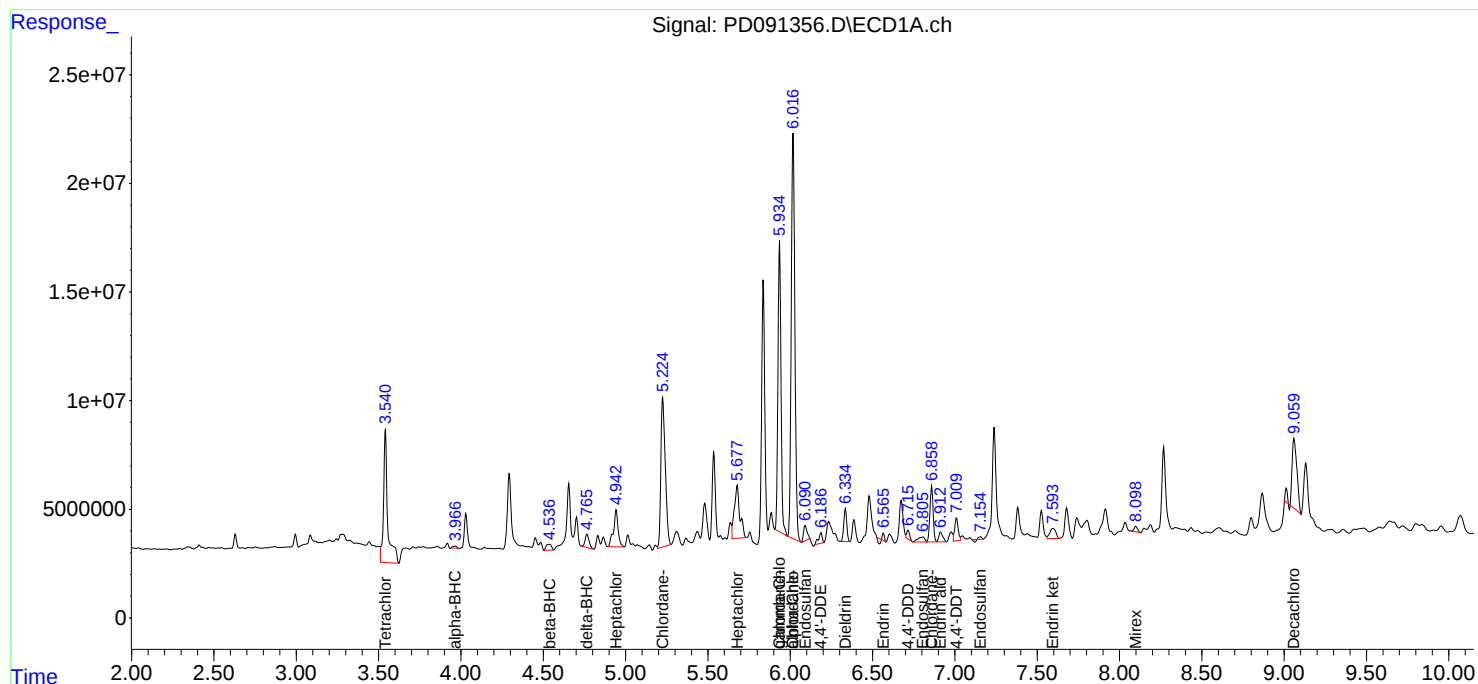
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

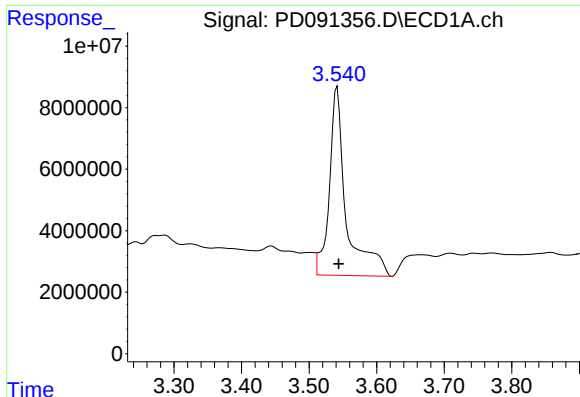
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112525\
Data File : PD091356.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

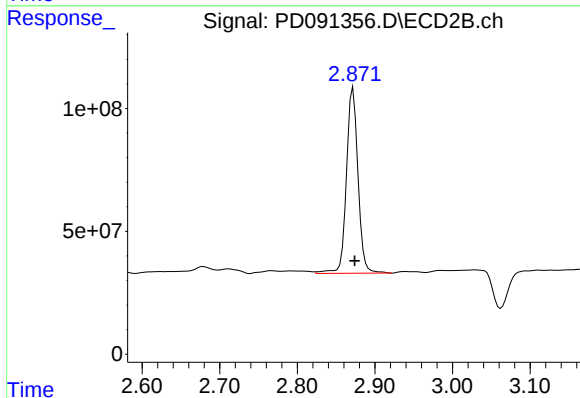




#1 Tetrachloro-m-xylene

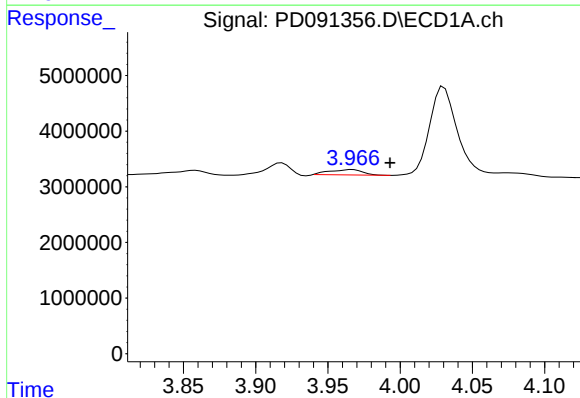
R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 107294674
Conc: 31.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



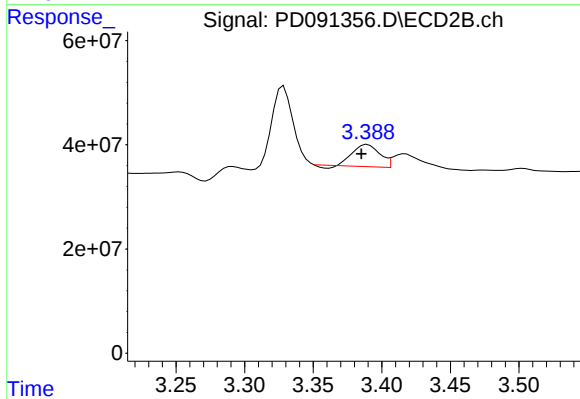
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 781956568
Conc: 21.35 ng/ml



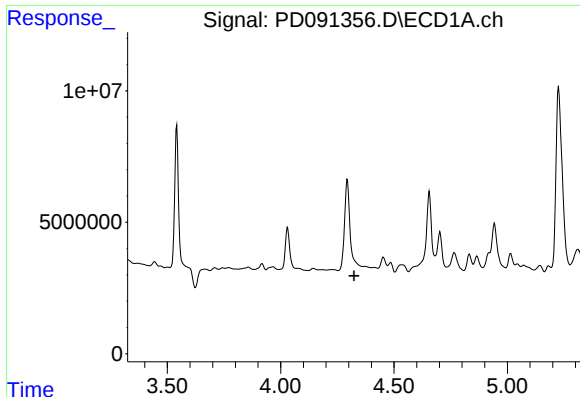
#2 alpha-BHC

R.T.: 3.967 min
Delta R.T.: -0.026 min
Response: 1551890
Conc: 0.19 ng/ml



#2 alpha-BHC

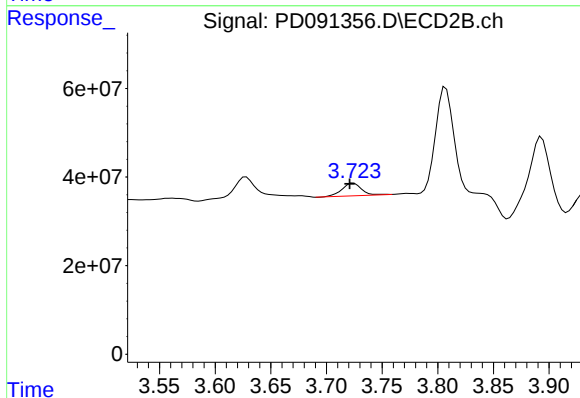
R.T.: 3.390 min
Delta R.T.: 0.004 min
Response: 57269732
Conc: 0.91 ng/ml



#3 gamma-BHC (Lindane)

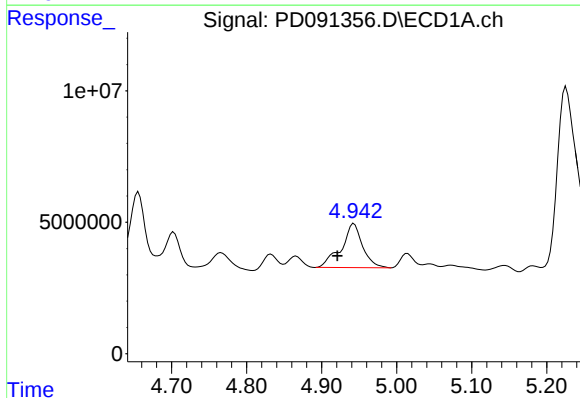
R.T.: 0.000 min
Exp R.T.: 4.324 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



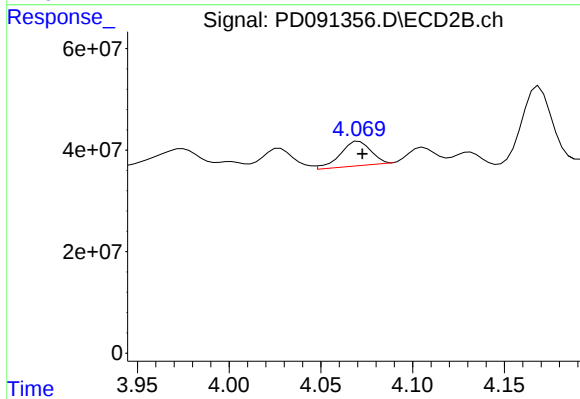
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: 0.003 min
Response: 34603811
Conc: 0.60 ng/ml



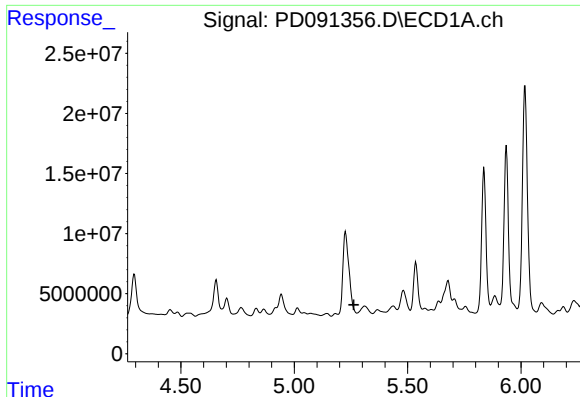
#4 Heptachlor

R.T.: 4.943 min
Delta R.T.: 0.022 min
Response: 33116415
Conc: 4.62 ng/ml



#4 Heptachlor

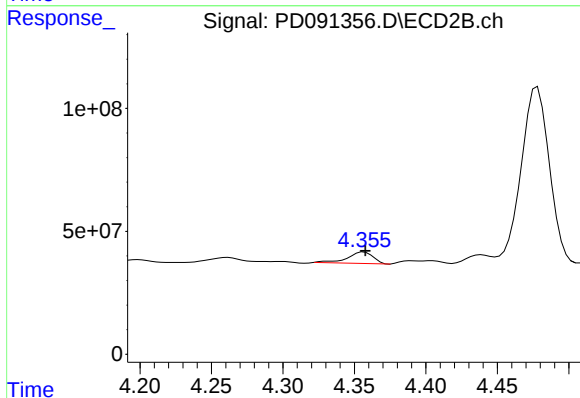
R.T.: 4.071 min
Delta R.T.: -0.002 min
Response: 55964992
Conc: 1.01 ng/ml



#5 Aldrin

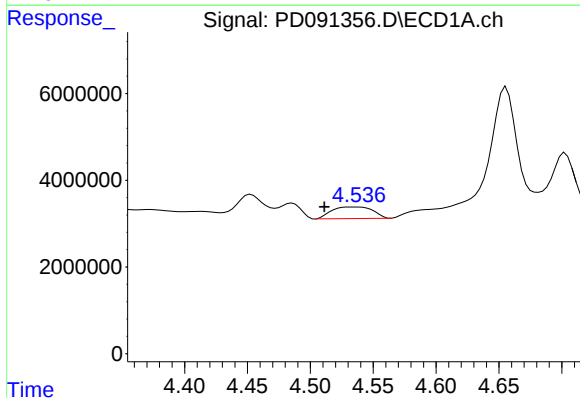
R.T.: 0.000 min
Exp R.T.: 5.262 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



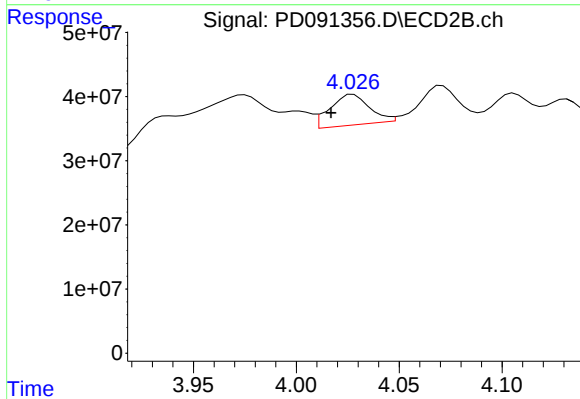
#5 Aldrin

R.T.: 4.357 min
Delta R.T.: -0.001 min
Response: 59028180
Conc: 1.05 ng/ml



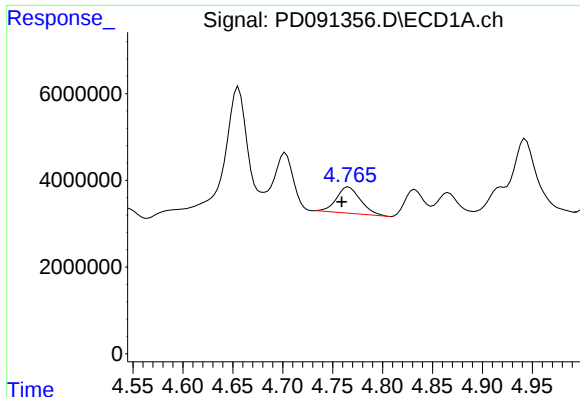
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.024 min
Response: 6094956
Conc: 2.10 ng/ml



#6 beta-BHC

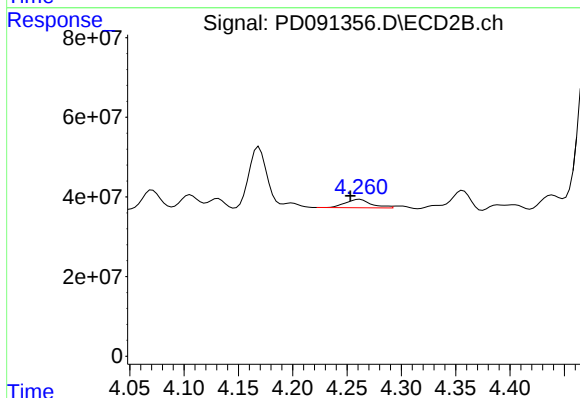
R.T.: 4.028 min
Delta R.T.: 0.011 min
Response: 63685561
Conc: 2.65 ng/ml



#7 delta-BHC

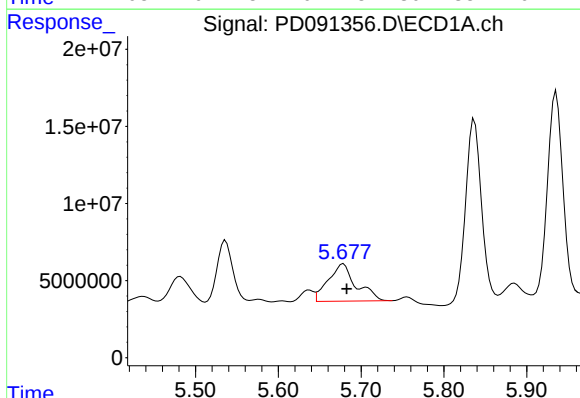
R.T.: 4.766 min
Delta R.T.: 0.007 min
Response: 10226051
Conc: 1.38 ng/ml

Instrument :
ECD_D
ClientSampleId :



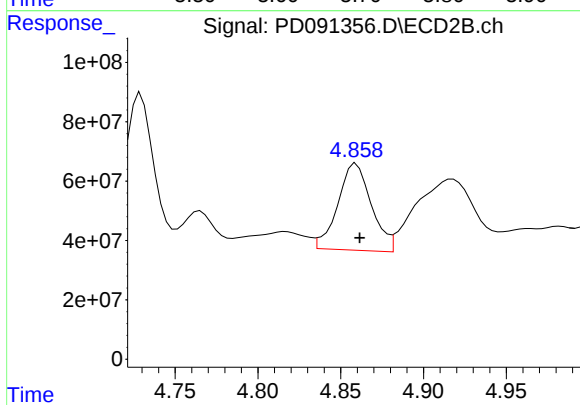
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.009 min
Response: 34428473
Conc: 0.59 ng/ml



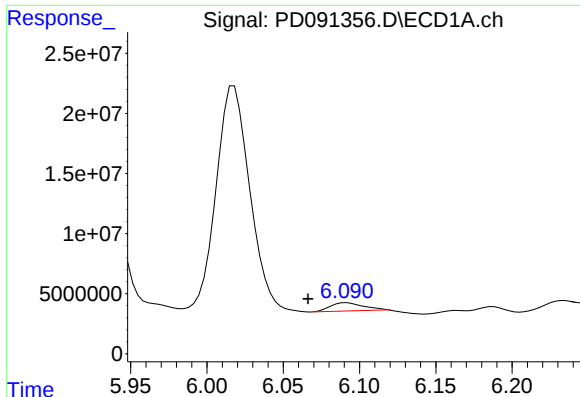
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.004 min
Response: 56620673
Conc: 8.72 ng/ml



#8 Heptachlor epoxide

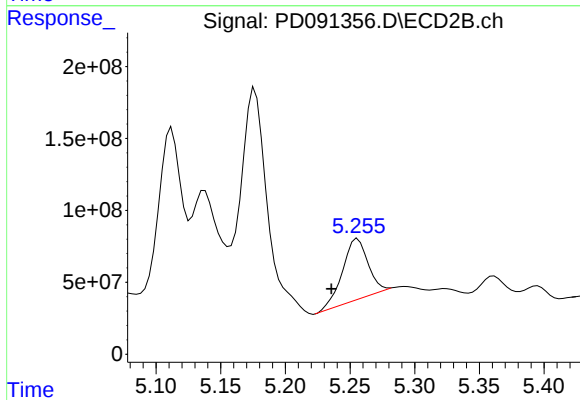
R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 411975810
Conc: 8.08 ng/ml



#9 Endosulfan I

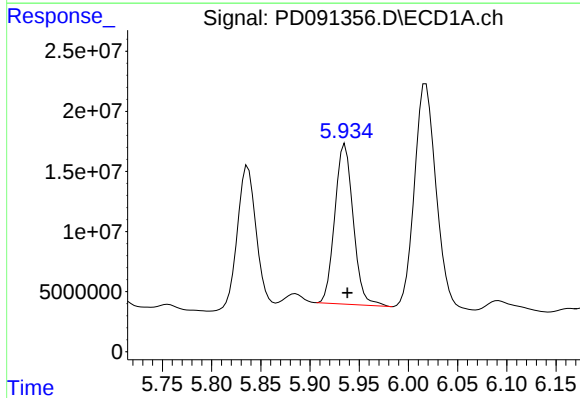
R.T.: 6.092 min
Delta R.T.: 0.025 min
Response: 7010322
Conc: 1.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



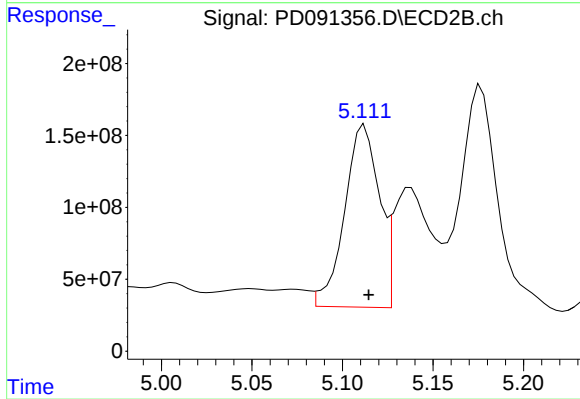
#9 Endosulfan I

R.T.: 5.256 min
Delta R.T.: 0.020 min
Response: 570953783
Conc: 11.93 ng/ml



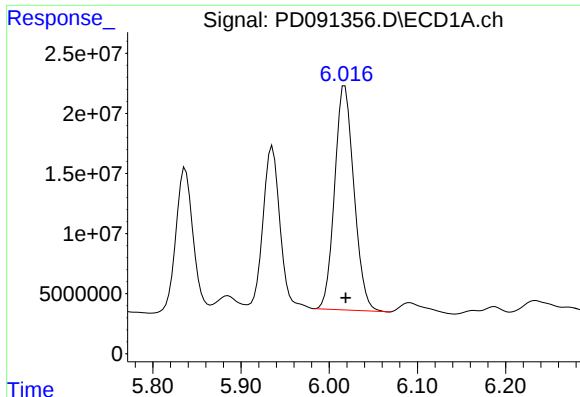
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.002 min
Response: 173637936
Conc: 26.71 ng/ml



#10 gamma-Chlordane

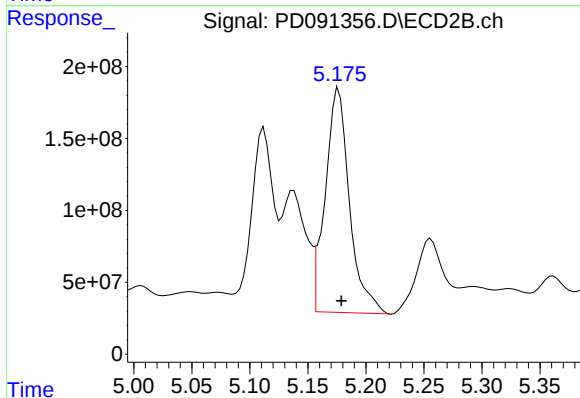
R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 1683602003
Conc: 30.82 ng/ml



#11 alpha-Chlordane

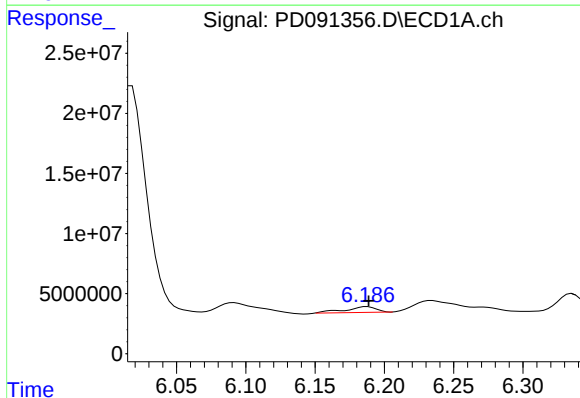
R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 283994205
Conc: 41.26 ng/ml

Instrument :
ECD_D
ClientSampleId :



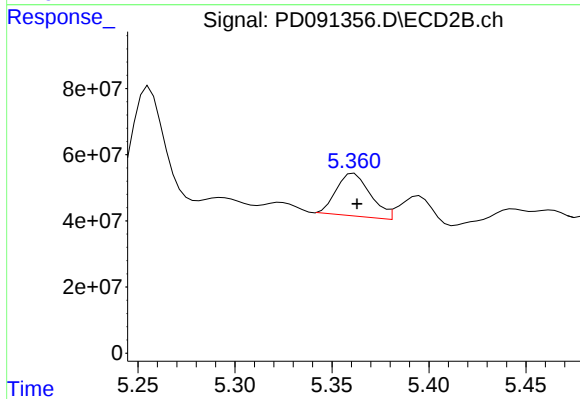
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 2268729133
Conc: 43.35 ng/ml



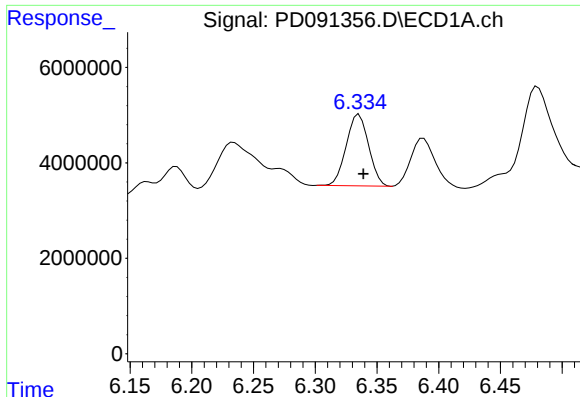
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.001 min
Response: 7555204
Conc: 1.30 ng/ml



#12 4,4'-DDE

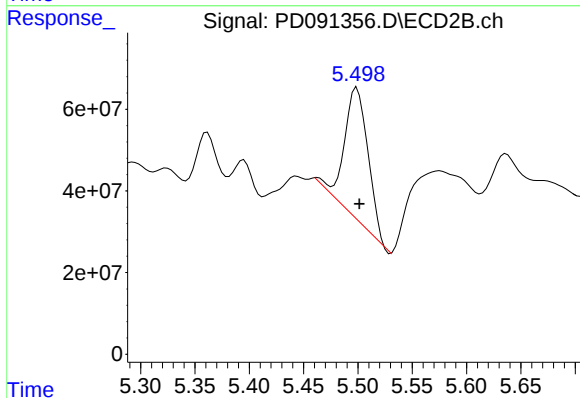
R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 157353257
Conc: 2.94 ng/ml



#13 Dieldrin

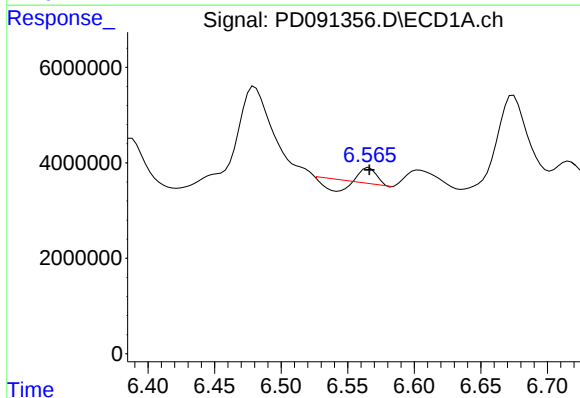
R.T.: 6.335 min
Delta R.T.: -0.004 min
Response: 18947000
Conc: 2.93 ng/ml

Instrument :
ECD_D
ClientSampleId :



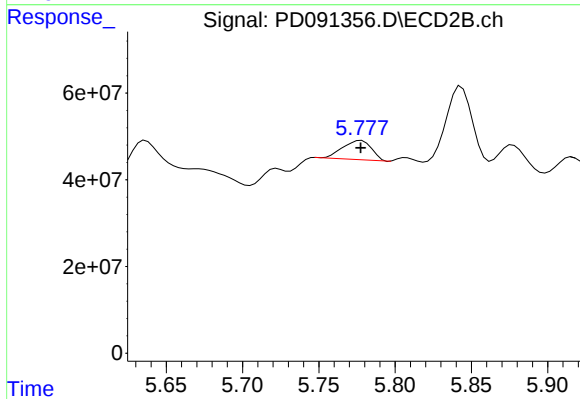
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 489913976
Conc: 9.02 ng/ml



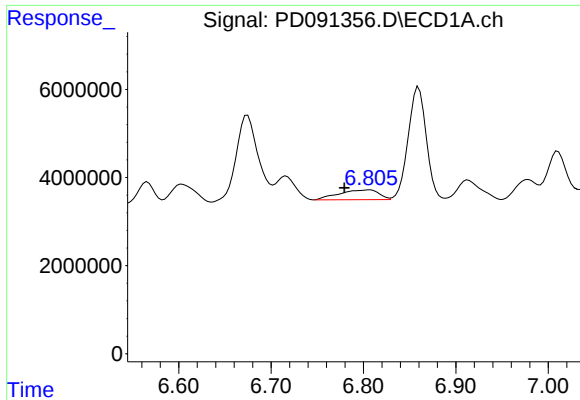
#14 Endrin

R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 115601
Conc: 0.02 ng/ml



#14 Endrin

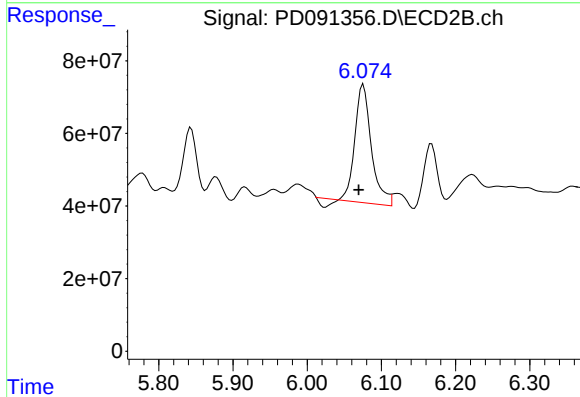
R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 58572501
Conc: 1.30 ng/ml



#15 Endosulfan II

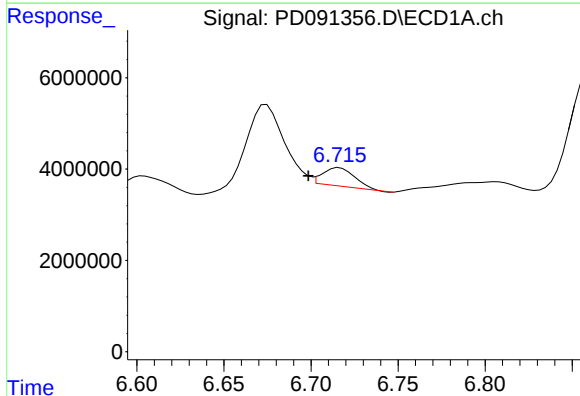
R.T.: 6.806 min
Delta R.T.: 0.027 min
Response: 6660748
Conc: 1.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



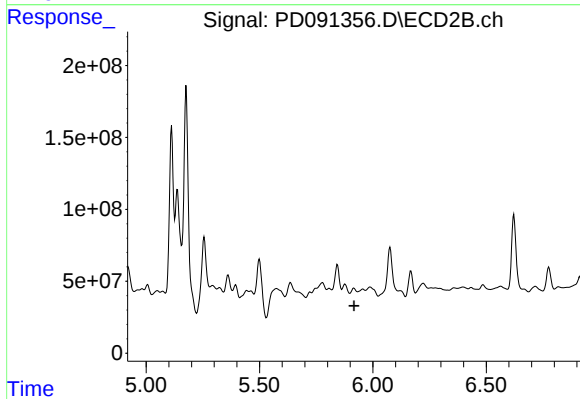
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: 0.006 min
Response: 492080276
Conc: 10.54 ng/ml



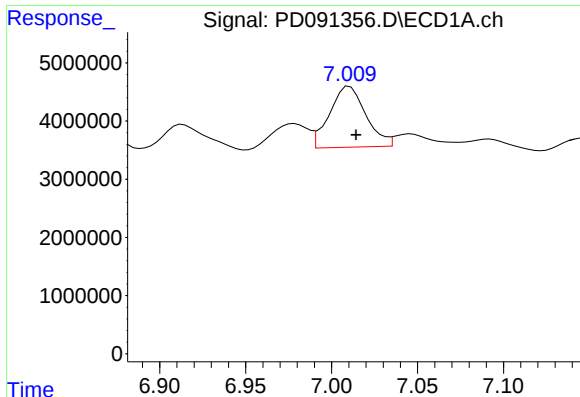
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.018 min
Response: 5166348
Conc: 1.05 ng/ml



#16 4,4'-DDD

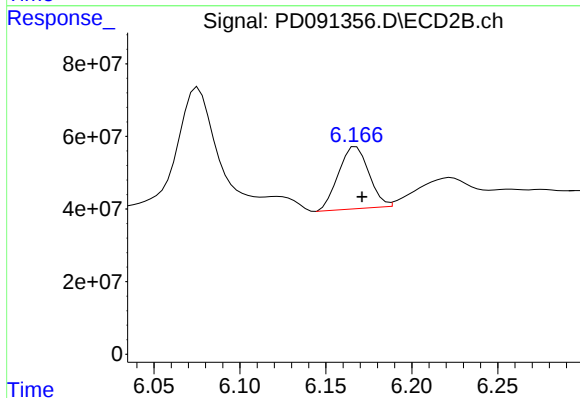
R.T.: 5.916 min
Delta R.T.: -0.002 min
Response: -31366153
Conc: N.D.



#17 4,4'-DDT

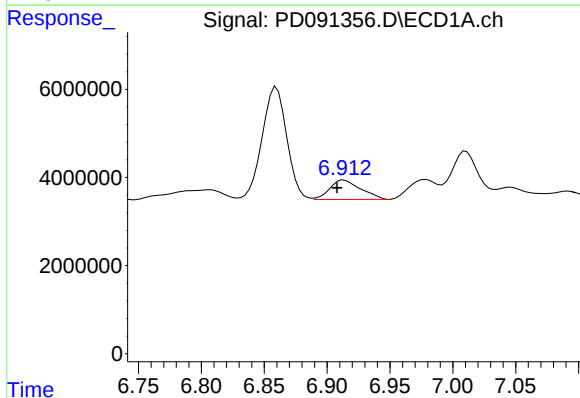
R.T.: 7.011 min
Delta R.T.: -0.004 min
Response: 15437656
Conc: 3.73 ng/ml

Instrument :
ECD_D
ClientSampleId :



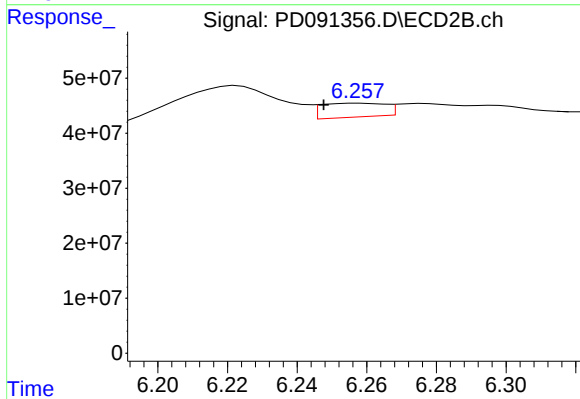
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: -0.003 min
Response: 209718446
Conc: 5.36 ng/ml



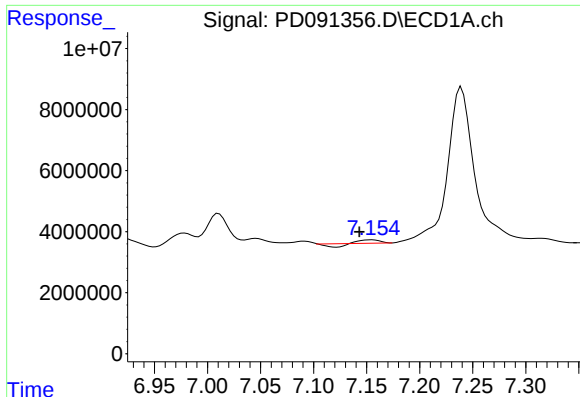
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.006 min
Response: 7535311
Conc: 1.81 ng/ml



#18 Endrin aldehyde

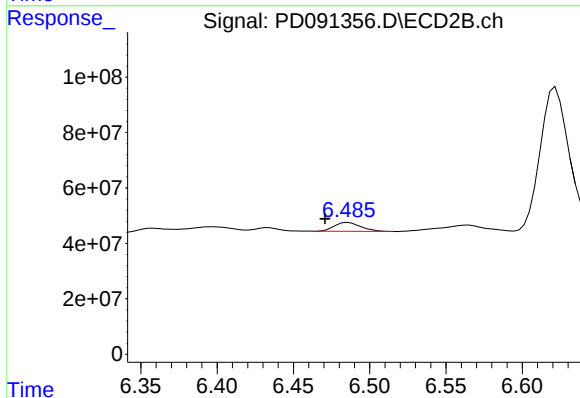
R.T.: 6.258 min
Delta R.T.: 0.010 min
Response: 32117707
Conc: 0.91 ng/ml



#19 Endosulfan Sulfate

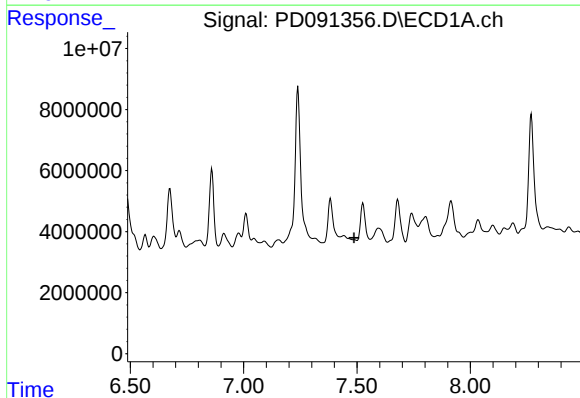
R.T.: 7.155 min
Delta R.T.: 0.012 min
Response: 600895
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



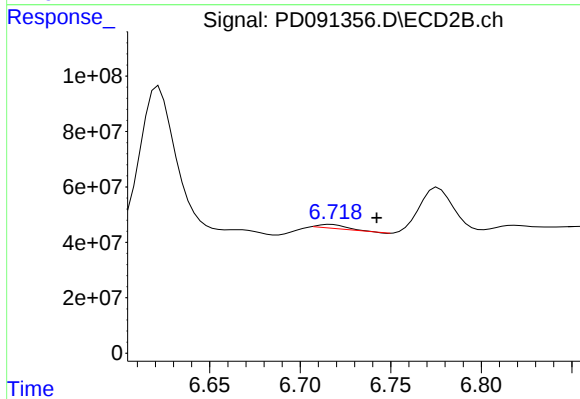
#19 Endosulfan Sulfate

R.T.: 6.486 min
Delta R.T.: 0.015 min
Response: 37308498
Conc: 0.83 ng/ml



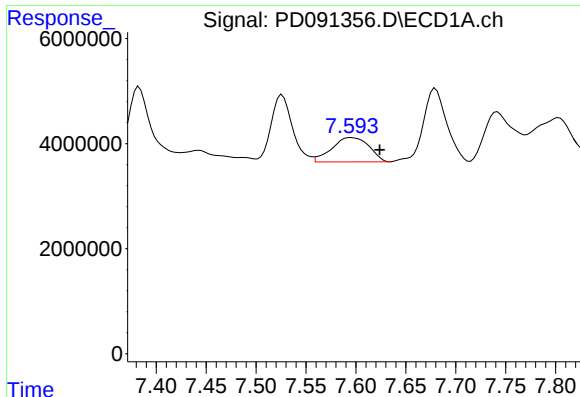
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.487 min
Response: 0
Conc: N.D.



#20 Methoxychlor

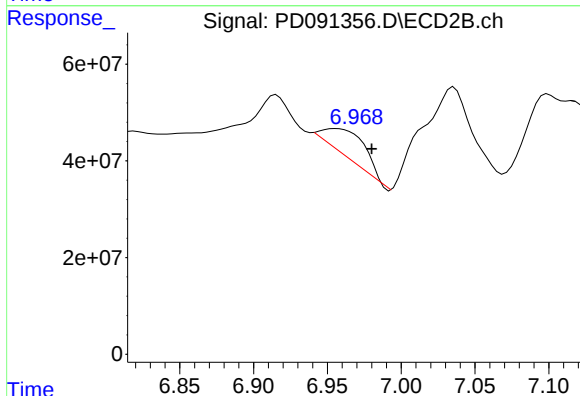
R.T.: 6.717 min
Delta R.T.: -0.025 min
Response: 15545850
Conc: 0.78 ng/ml



#21 Endrin ketone

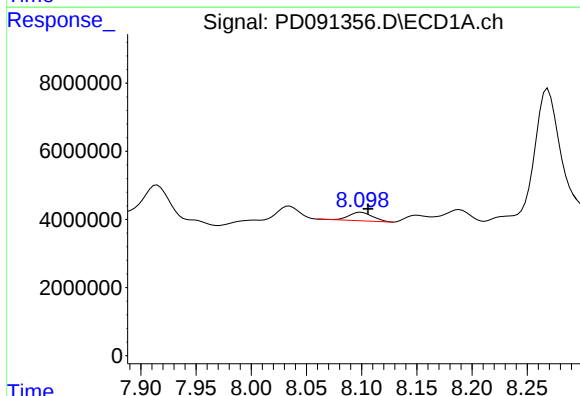
R.T.: 7.595 min
Delta R.T.: -0.028 min
Response: 12016319
Conc: 2.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



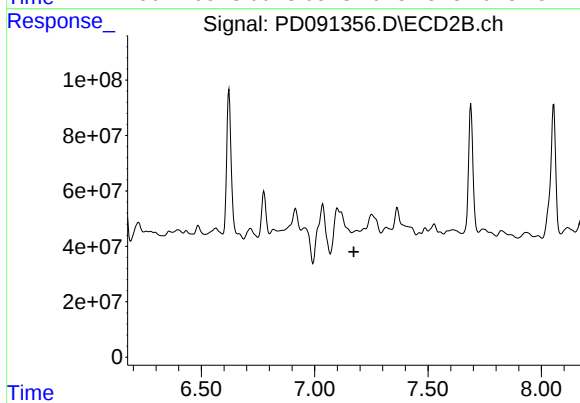
#21 Endrin ketone

R.T.: 6.956 min
Delta R.T.: -0.024 min
Response: 107909189
Conc: 2.12 ng/ml



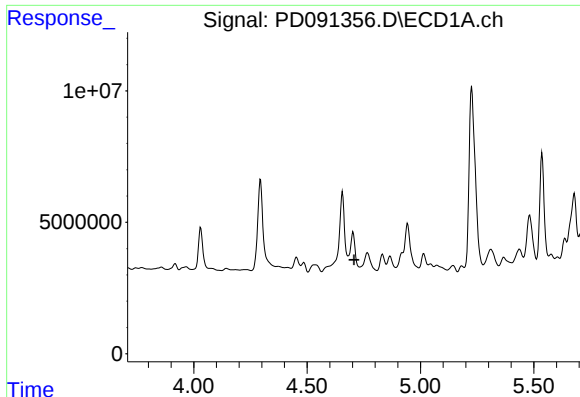
#22 Mirex

R.T.: 8.100 min
Delta R.T.: -0.006 min
Response: 3726295
Conc: 1.05 ng/ml



#22 Mirex

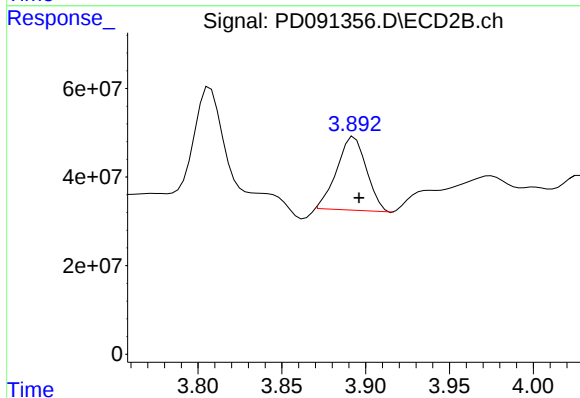
R.T.: 7.186 min
Delta R.T.: 0.014 min
Response: -18234248
Conc: N.D.



#23 Chlordane-1

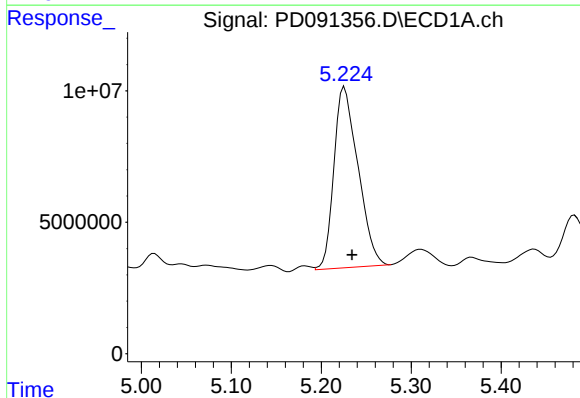
R.T.: 4.703 min
Delta R.T.: -0.004 min
Response: -937980
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



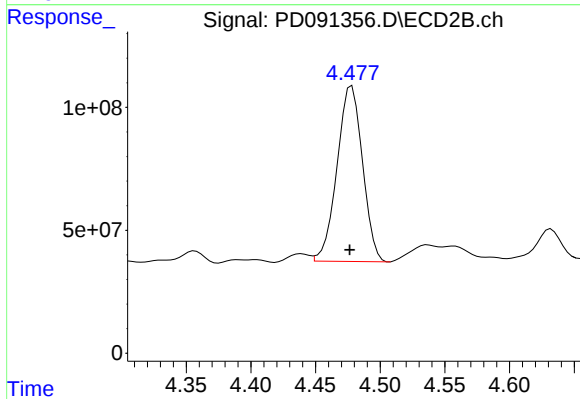
#23 Chlordane-1

R.T.: 3.893 min
Delta R.T.: -0.003 min
Response: 202659693
Conc: 117.81 ng/ml



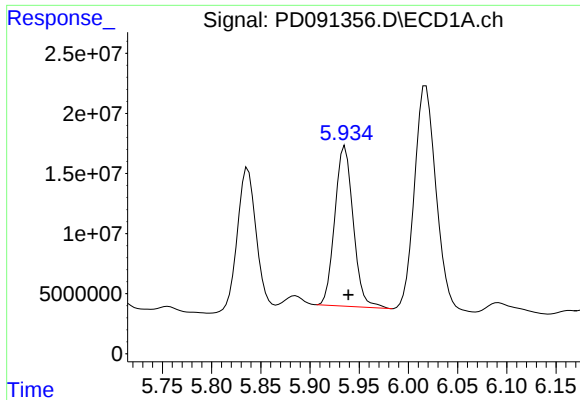
#24 Chlordane-2

R.T.: 5.226 min
Delta R.T.: -0.008 min
Response: 128002498
Conc: 518.38 ng/ml



#24 Chlordane-2

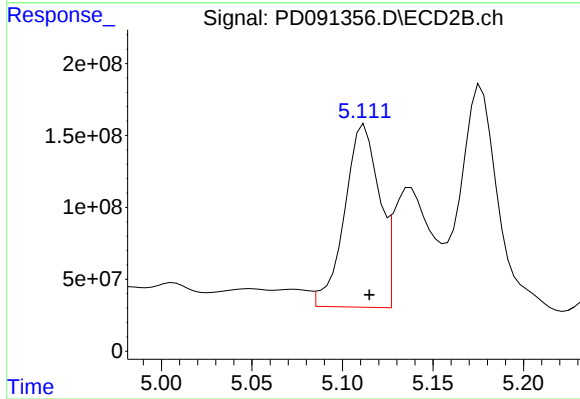
R.T.: 4.478 min
Delta R.T.: 0.001 min
Response: 975781785
Conc: 557.26 ng/ml



#25 Chlordane-3

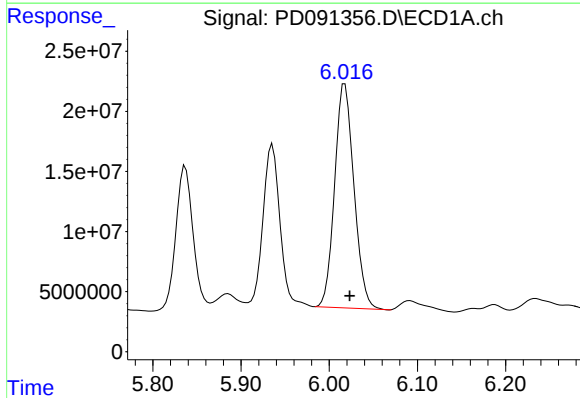
R.T.: 5.936 min
Delta R.T.: -0.003 min
Response: 173637936
Conc: 179.96 ng/ml

Instrument :
ECD_D
ClientSampleId :



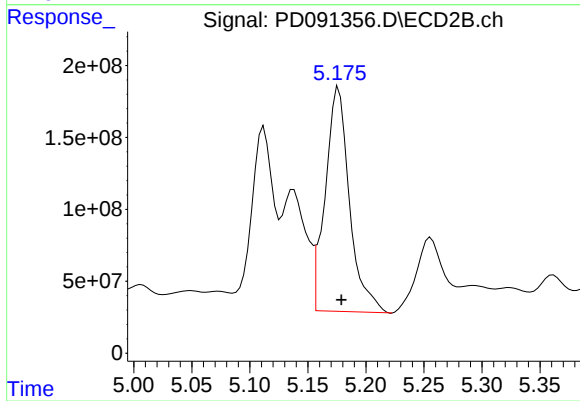
#25 Chlordane-3

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 1683602003
Conc: 292.62 ng/ml



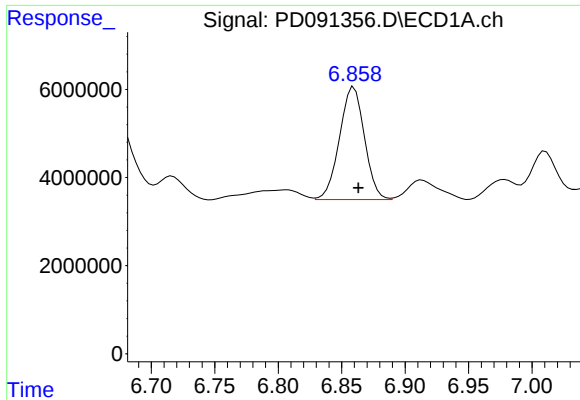
#26 Chlordane-4

R.T.: 6.018 min
Delta R.T.: -0.006 min
Response: 283994205
Conc: 236.42 ng/ml



#26 Chlordane-4

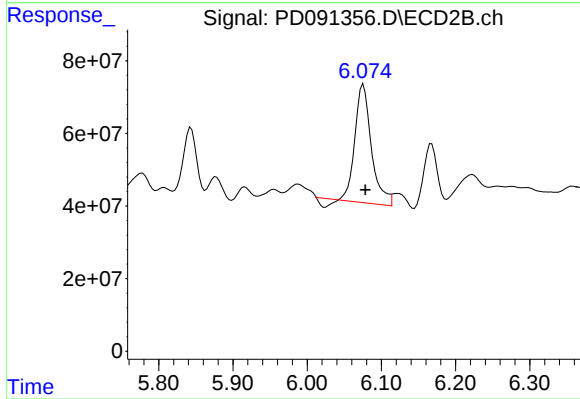
R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 2268729133
Conc: 474.28 ng/ml



#27 Chlordane-5

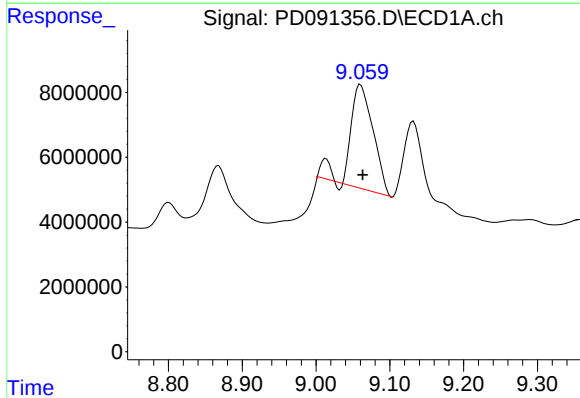
R.T.: 6.860 min
Delta R.T.: -0.004 min
Response: 34948088
Conc: 176.89 ng/ml

Instrument :
ECD_D
ClientSampleId :



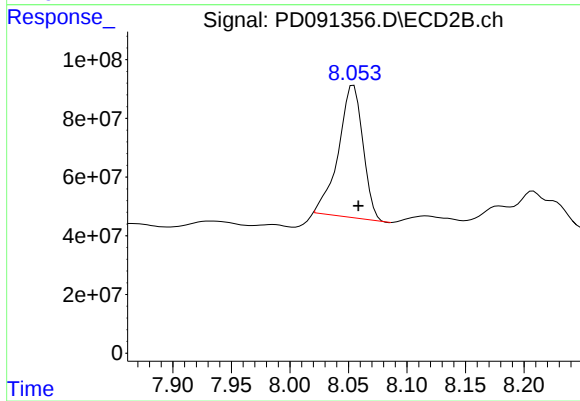
#27 Chlordane-5

R.T.: 6.076 min
Delta R.T.: -0.003 min
Response: 492080276
Conc: 242.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: -0.003 min
Response: 68205273
Conc: 13.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.054 min
Delta R.T.: -0.004 min
Response: 656898798
Conc: 16.60 ng/ml