

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090425\
 Data File : PD090146.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Sep 2025 12:16
 Operator : AR\AJ
 Sample : Q2893-01
 Misc : PEST LOD 1PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 02:02:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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...	3.554	2.878	49798948	422.6E6	16.968	19.165
28)	SA Decachlor...	9.076	8.067	78430679	491.2E6	18.172	18.977
Target Compounds							
2)	A alpha-BHC	4.003	3.390	5369129	47970540	0.895	1.413 #
3)	MA gamma-BHC...	4.334	3.726	5449727	38882897	0.952	1.247 #
4)	MA Heptachlor	4.932	4.079	5960881	39292014	1.063	1.260
5)	MB Aldrin	5.274	4.364	5592942	39522719	1.033	1.298 #
6)	B beta-BHC	4.521	4.022	3657831	18175386	1.631	1.363
7)	B delta-BHC	4.769	4.258	5622151	38524387	1.086	1.221
8)	B Heptachlo...	5.694	4.869	5958000	36134149	1.214	1.305
9)	A Endosulfan I	6.077	5.243	5192306	34242291	1.125	1.306
10)	B gamma-Chl...	5.949	5.121	5325333	38827158	1.089	1.311
11)	B alpha-Chl...	6.030	5.186	5554335	37497397	1.128	1.314
12)	B 4,4'-DDE	6.198	5.370	4433395	37461597	1.010	1.300 #
13)	MA Dieldrin	6.350	5.508	5231000	36610665	1.068	1.250
14)	MA Endrin	6.577	5.785	3858984	35100222	0.931	1.318 #
15)	B Endosulfa...	6.790	6.076	4739139	33394819	1.123	1.320
16)	A 4,4'-DDD	6.708	5.925	3586771	30972519	1.037	1.288
17)	MA 4,4'-DDT	7.024	6.178	3286122	25387199	0.863	1.013
18)	B Endrin al...	6.918	6.254	3933099	25025503	1.372	1.453
19)	B Endosulfa...	7.153	6.478	4524223	31260930	1.155	1.282
20)	A Methoxychlor	7.497	6.749	1904358	14384591	0.950	1.115
21)	B Endrin ke...	7.634	6.987	4774661	35160627	1.152	1.320
22)	Mirex	8.117	7.180	3380987	26665857	1.072	1.291
23)	Chlordane-1	0.000	3.922f	0	156307	N.D.	0.176 #
24)	Chlordane-2	0.000	4.483	0	837827	N.D.	0.875 #
25)	Chlordane-3	5.949	5.121	5325333	38827158	7.852	14.012 #
26)	Chlordane-4	6.030	5.186	5554335	37497397	6.690	15.579 #
27)	Chlordane-5	0.000	6.076	0	33394819	N.D.	30.360 #

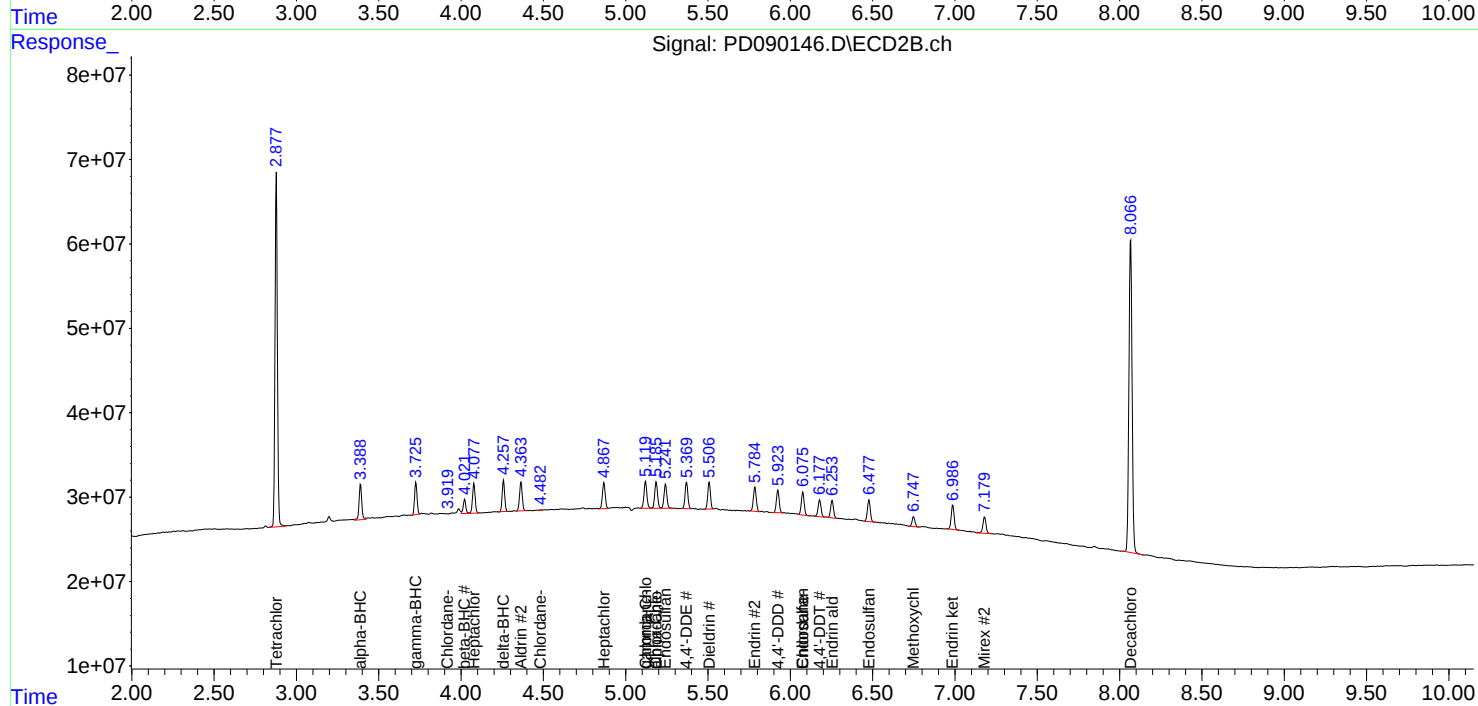
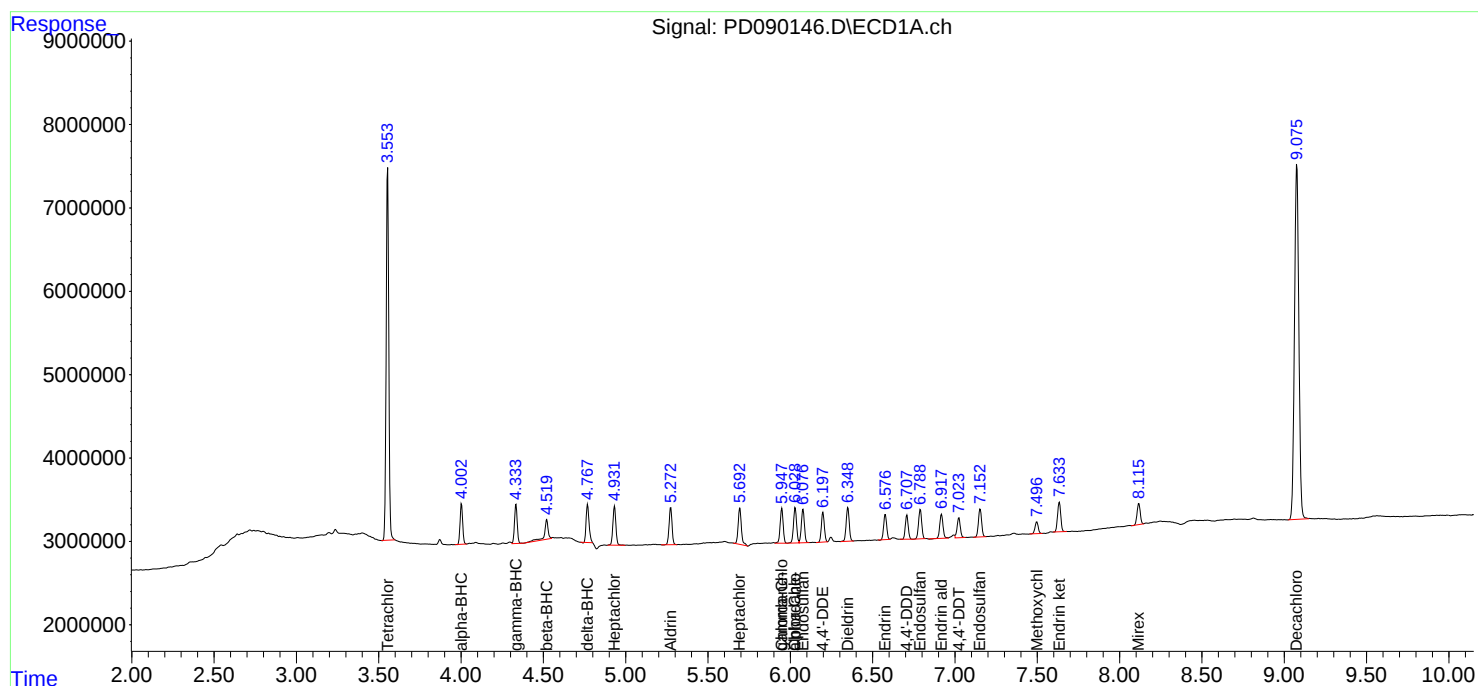
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

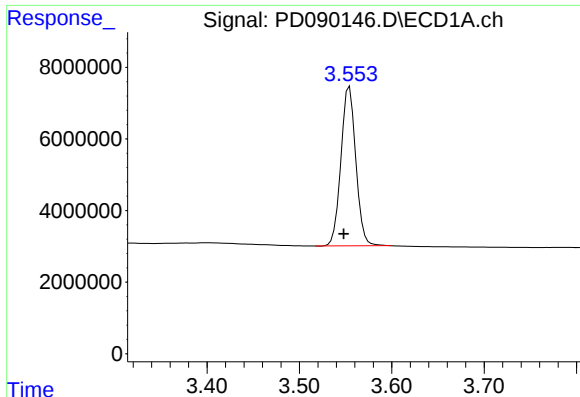
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090425\
Data File : PD090146.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 12:16
Operator : AR\AJ
Sample : Q2893-01
Misc : PEST LOD 1PPB
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 02:02:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 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

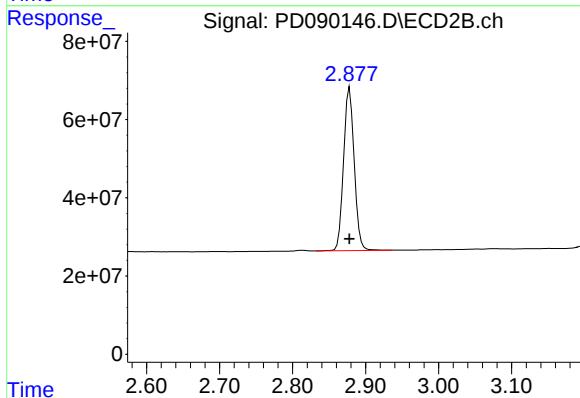




#1 Tetrachloro-m-xylene

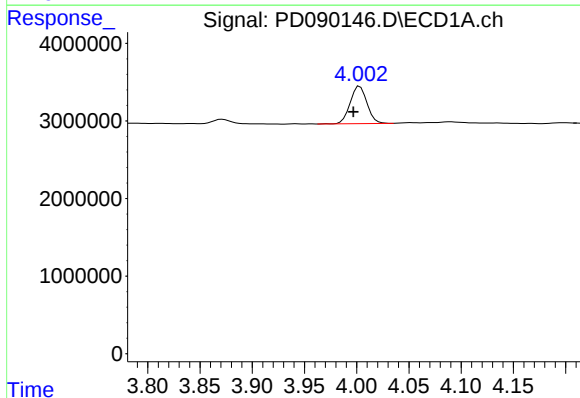
R.T.: 3.554 min
Delta R.T.: 0.006 min
Response: 49798948
Conc: 16.97 ng/ml

Instrument :
ECD_D
ClientSampleId :



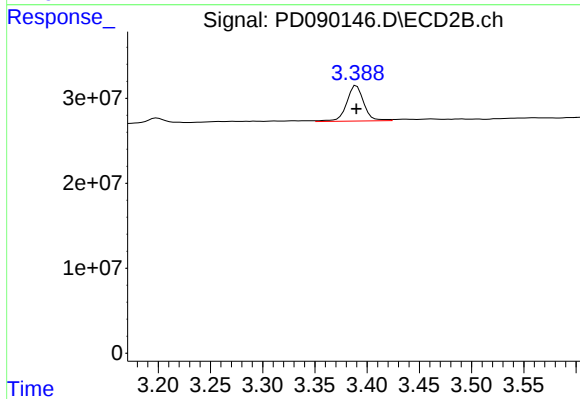
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 422597854
Conc: 19.16 ng/ml



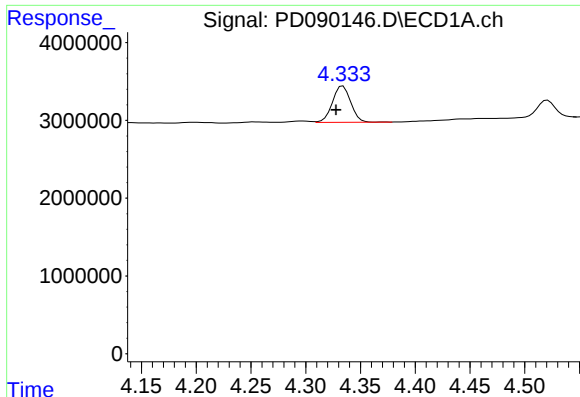
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.006 min
Response: 5369129
Conc: 0.89 ng/ml



#2 alpha-BHC

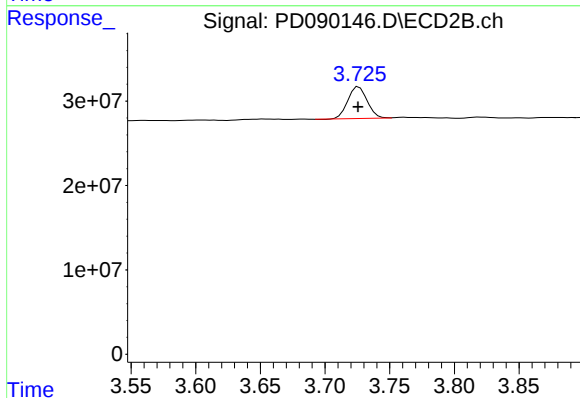
R.T.: 3.390 min
Delta R.T.: 0.000 min
Response: 47970540
Conc: 1.41 ng/ml



#3 gamma-BHC (Lindane)

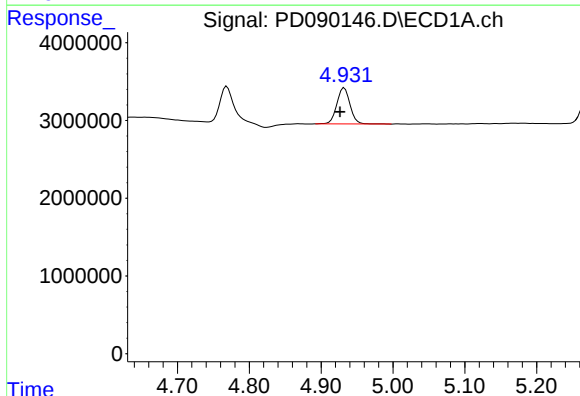
R.T.: 4.334 min
Delta R.T.: 0.006 min
Response: 5449727
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



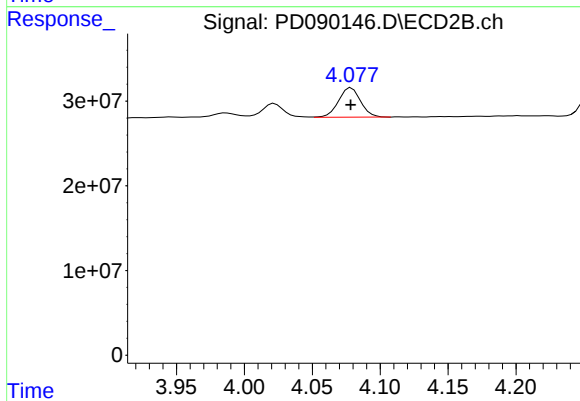
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 38882897
Conc: 1.25 ng/ml



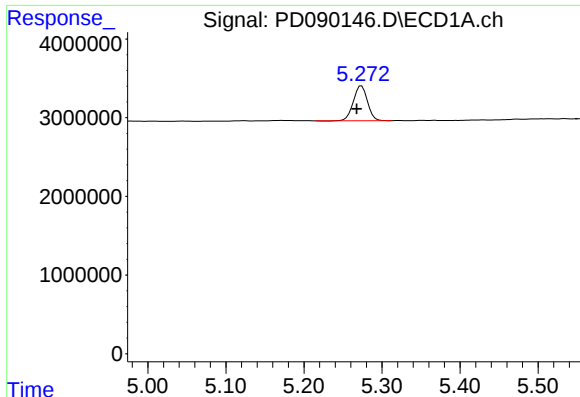
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.006 min
Response: 5960881
Conc: 1.06 ng/ml



#4 Heptachlor

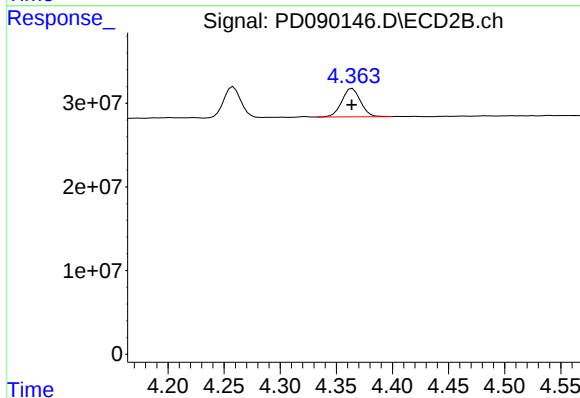
R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 39292014
Conc: 1.26 ng/ml



#5 Aldrin

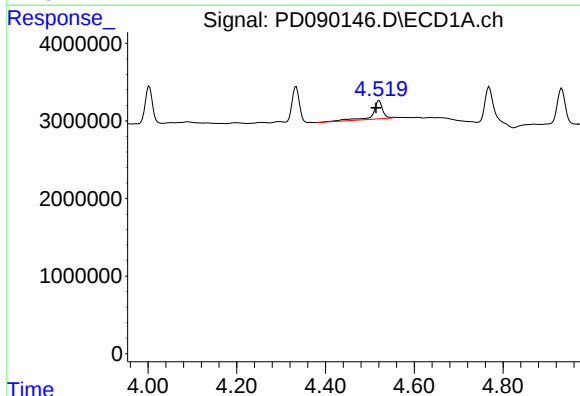
R.T.: 5.274 min
Delta R.T.: 0.006 min
Response: 5592942
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



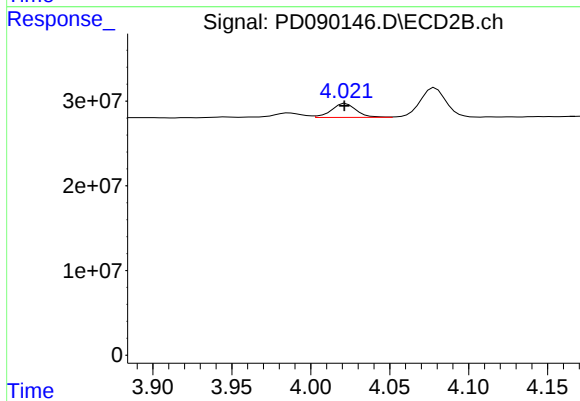
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 39522719
Conc: 1.30 ng/ml



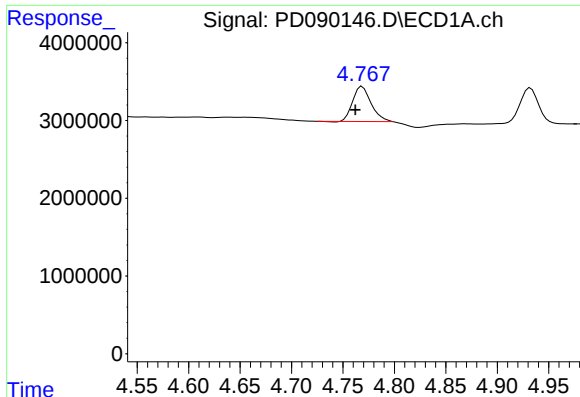
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.007 min
Response: 3657831
Conc: 1.63 ng/ml



#6 beta-BHC

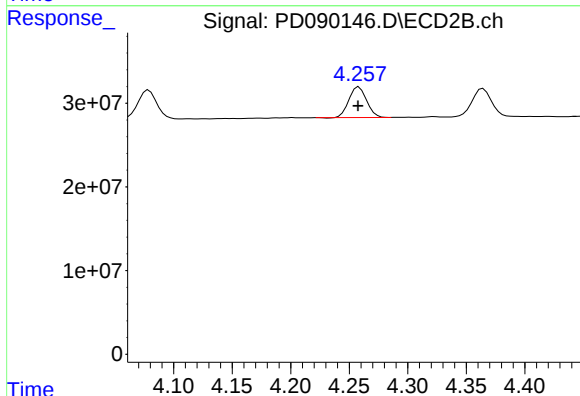
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 18175386
Conc: 1.36 ng/ml



#7 delta-BHC

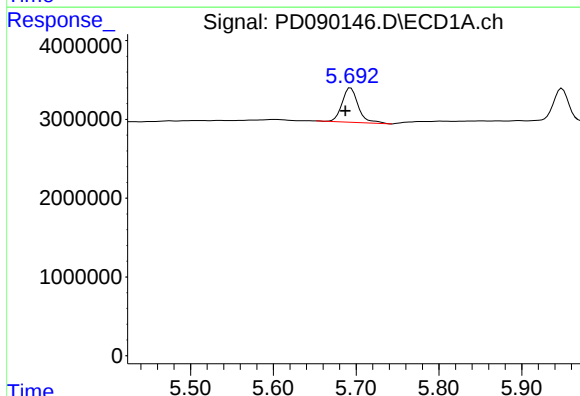
R.T.: 4.769 min
Delta R.T.: 0.007 min
Response: 5622151
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :



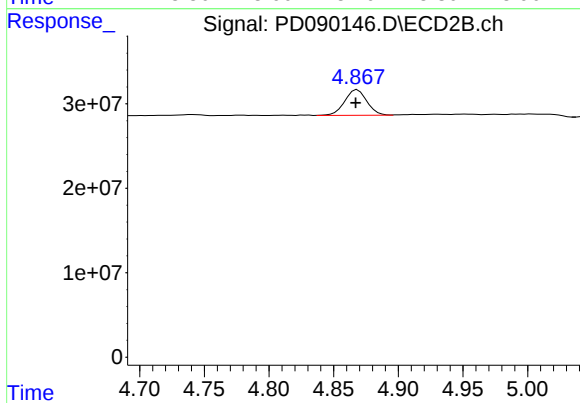
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 38524387
Conc: 1.22 ng/ml



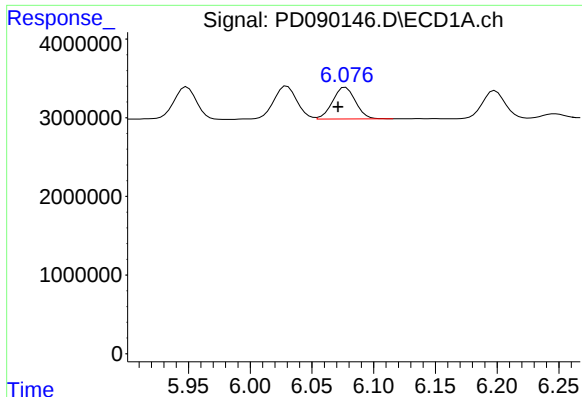
#8 Heptachlor epoxide

R.T.: 5.694 min
Delta R.T.: 0.006 min
Response: 5958000
Conc: 1.21 ng/ml



#8 Heptachlor epoxide

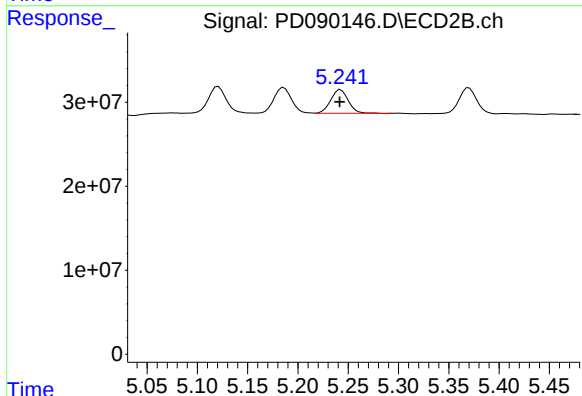
R.T.: 4.869 min
Delta R.T.: 0.001 min
Response: 36134149
Conc: 1.30 ng/ml



#9 Endosulfan I

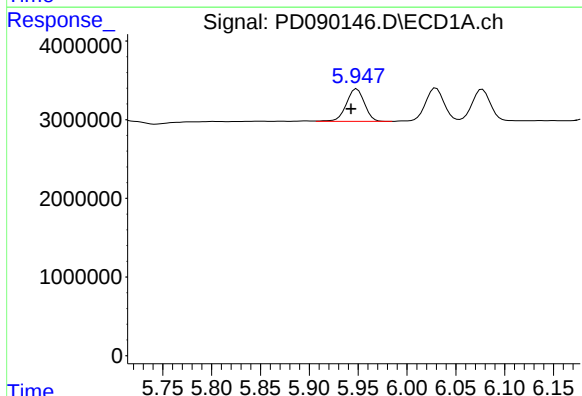
R.T.: 6.077 min
Delta R.T.: 0.006 min
Response: 5192306
Conc: 1.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



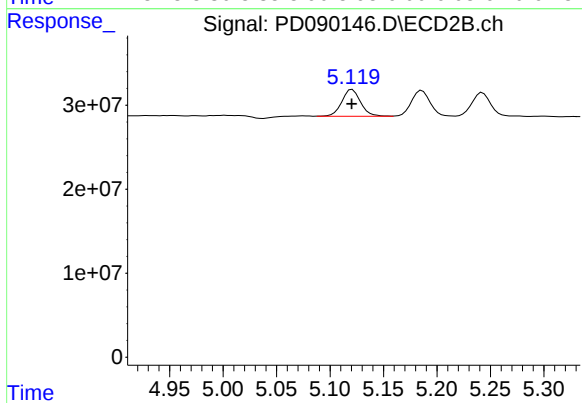
#9 Endosulfan I

R.T.: 5.243 min
Delta R.T.: 0.001 min
Response: 34242291
Conc: 1.31 ng/ml



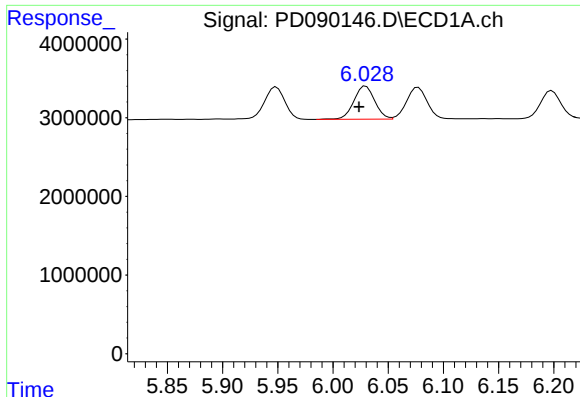
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: 0.006 min
Response: 5325333
Conc: 1.09 ng/ml



#10 gamma-Chlordane

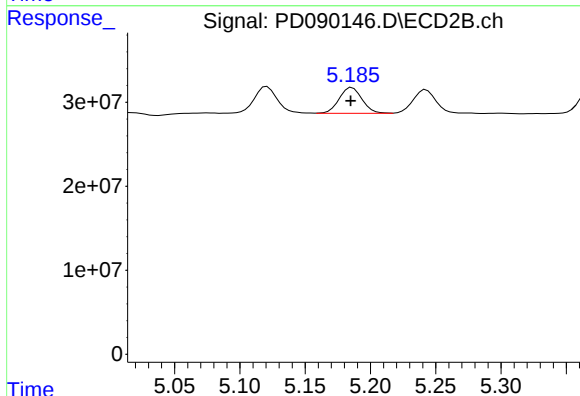
R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 38827158
Conc: 1.31 ng/ml



#11 alpha-Chlordane

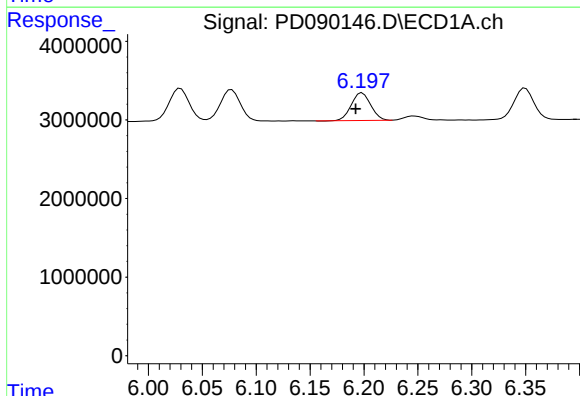
R.T.: 6.030 min
Delta R.T.: 0.006 min
Response: 5554335
Conc: 1.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



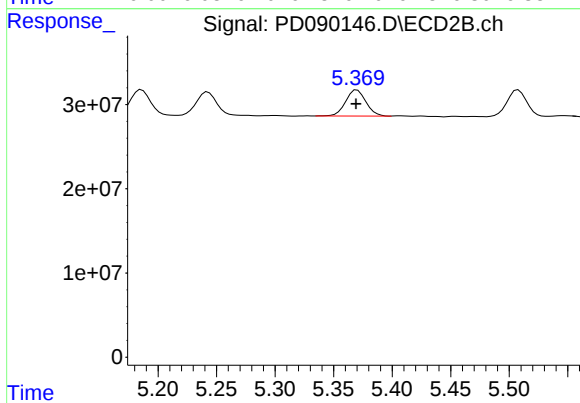
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: 0.001 min
Response: 37497397
Conc: 1.31 ng/ml



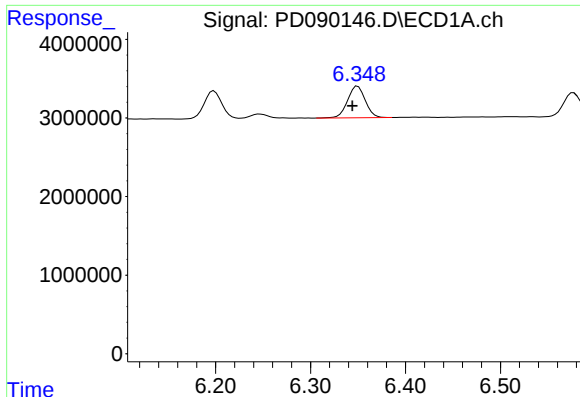
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.006 min
Response: 4433395
Conc: 1.01 ng/ml



#12 4,4'-DDE

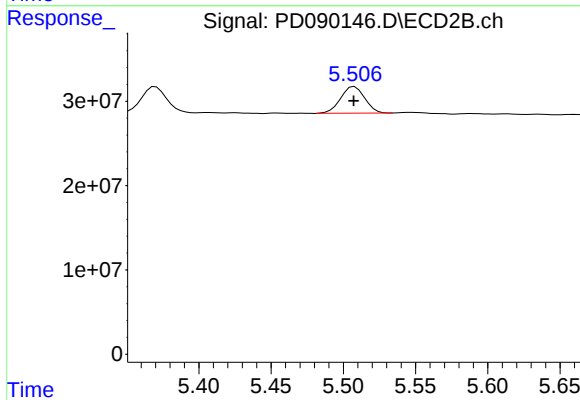
R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 37461597
Conc: 1.30 ng/ml



#13 Dieldrin

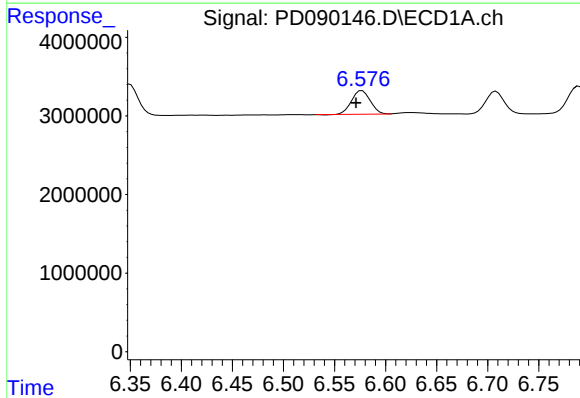
R.T.: 6.350 min
Delta R.T.: 0.006 min
Response: 5231000
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



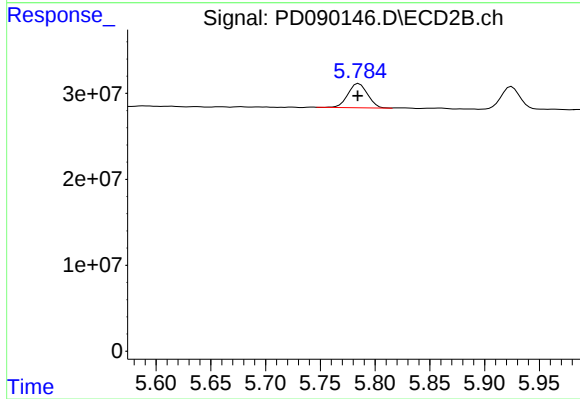
#13 Dieldrin

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 36610665
Conc: 1.25 ng/ml



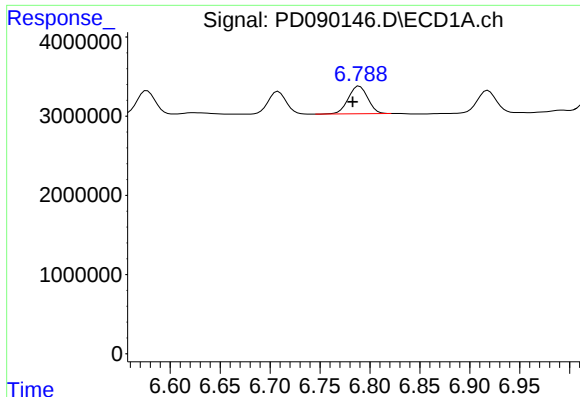
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.006 min
Response: 3858984
Conc: 0.93 ng/ml



#14 Endrin

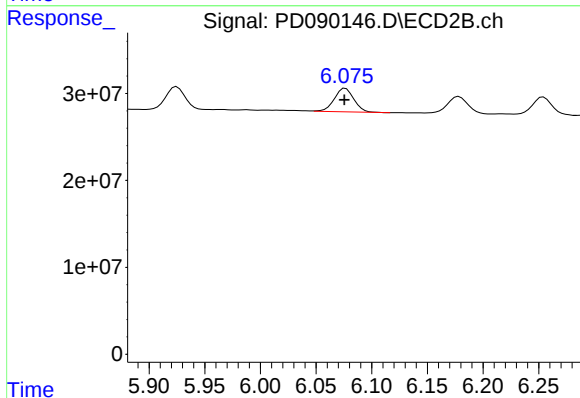
R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 35100222
Conc: 1.32 ng/ml



#15 Endosulfan II

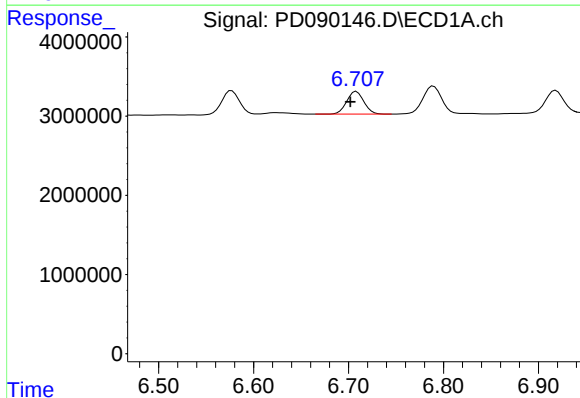
R.T.: 6.790 min
Delta R.T.: 0.007 min
Response: 4739139
Conc: 1.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



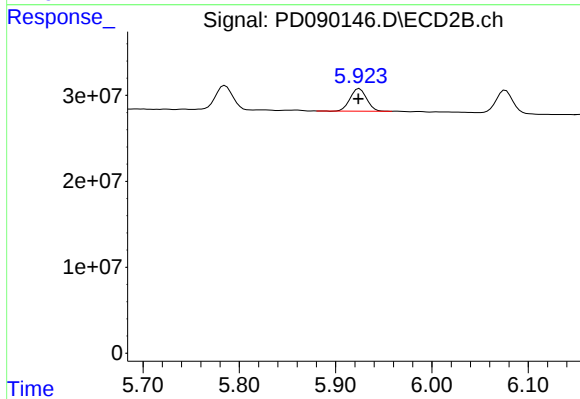
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: 0.001 min
Response: 33394819
Conc: 1.32 ng/ml



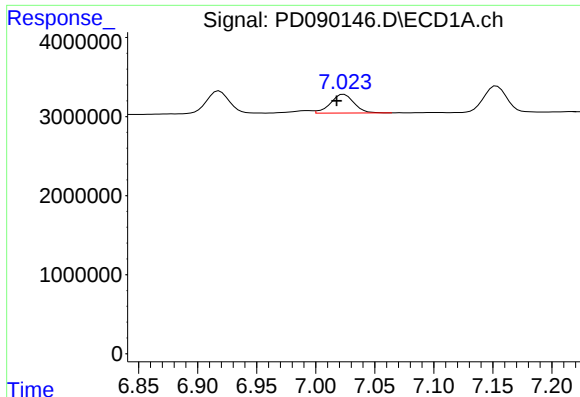
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.006 min
Response: 3586771
Conc: 1.04 ng/ml



#16 4,4'-DDD

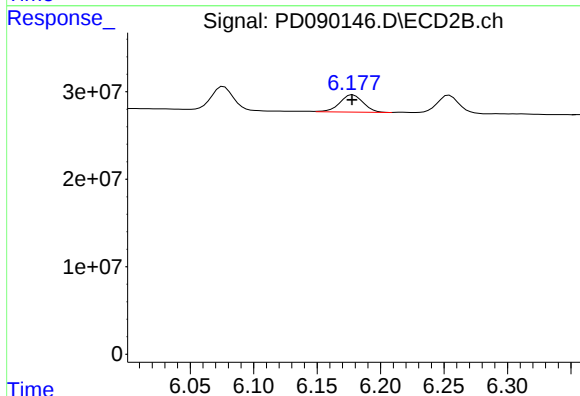
R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 30972519
Conc: 1.29 ng/ml



#17 4,4'-DDT

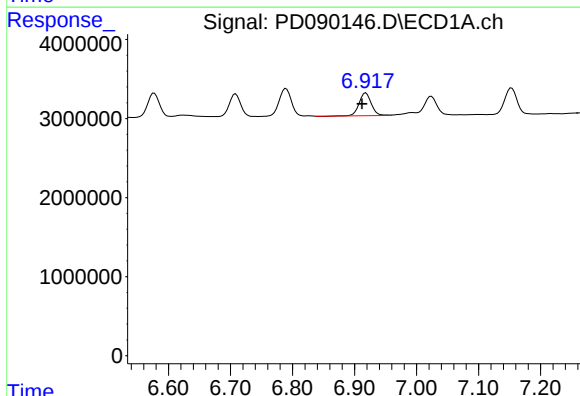
R.T.: 7.024 min
Delta R.T.: 0.006 min
Response: 3286122
Conc: 0.86 ng/ml

Instrument :
ECD_D
ClientSampleId :



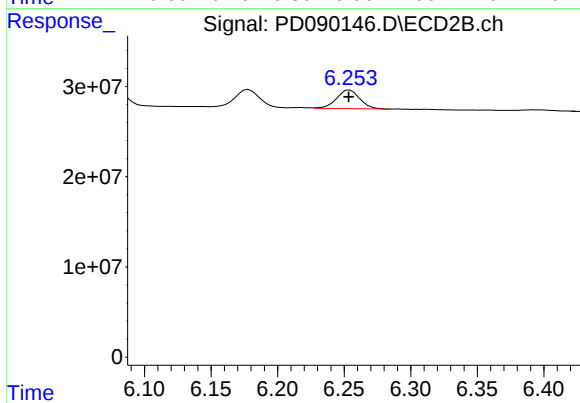
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 25387199
Conc: 1.01 ng/ml



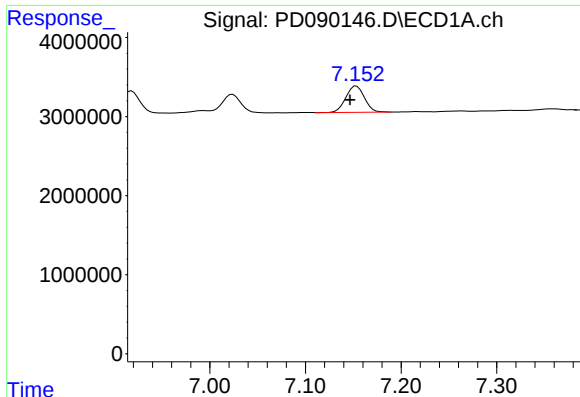
#18 Endrin aldehyde

R.T.: 6.918 min
Delta R.T.: 0.006 min
Response: 3933099
Conc: 1.37 ng/ml



#18 Endrin aldehyde

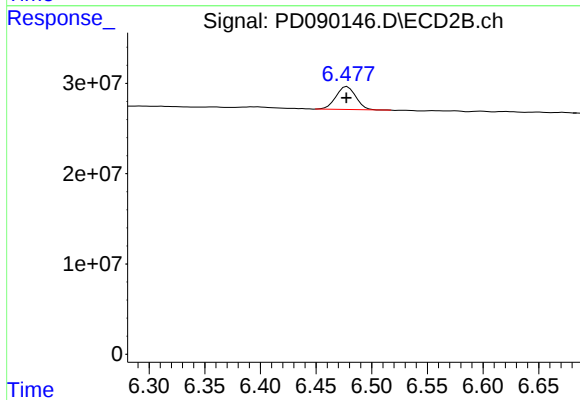
R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 25025503
Conc: 1.45 ng/ml



#19 Endosulfan Sulfate

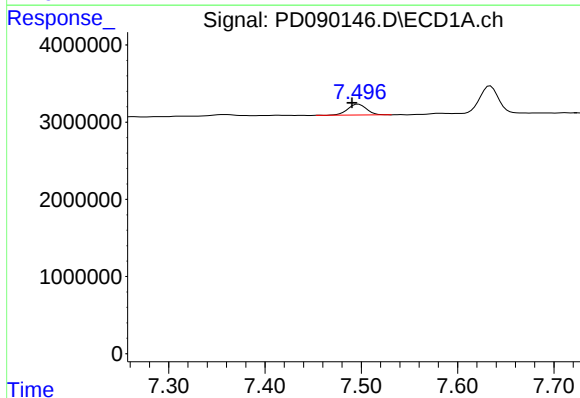
R.T.: 7.153 min
Delta R.T.: 0.006 min
Response: 4524223
Conc: 1.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



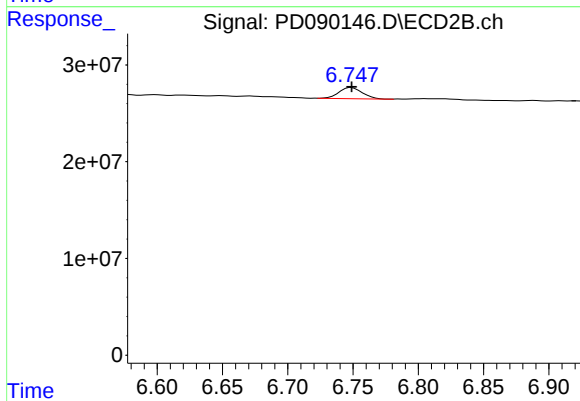
#19 Endosulfan Sulfate

R.T.: 6.478 min
Delta R.T.: 0.000 min
Response: 31260930
Conc: 1.28 ng/ml



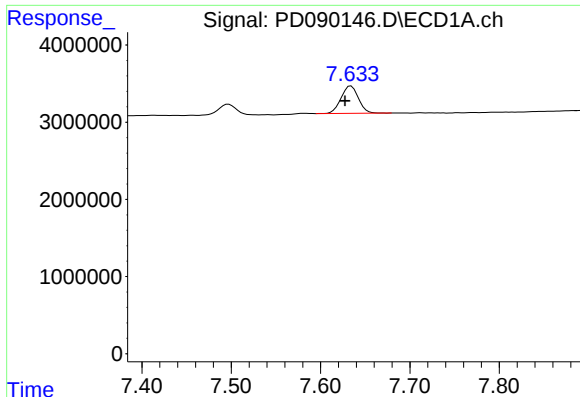
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: 0.007 min
Response: 1904358
Conc: 0.95 ng/ml



#20 Methoxychlor

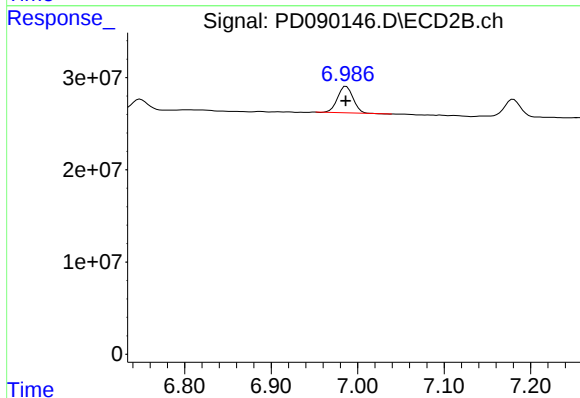
R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 14384591
Conc: 1.12 ng/ml



#21 Endrin ketone

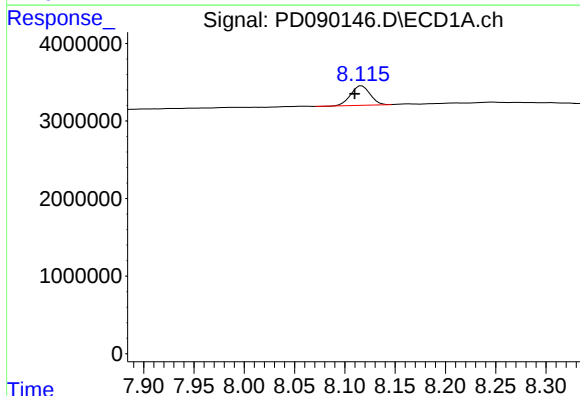
R.T.: 7.634 min
Delta R.T.: 0.007 min
Response: 4774661
Conc: 1.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



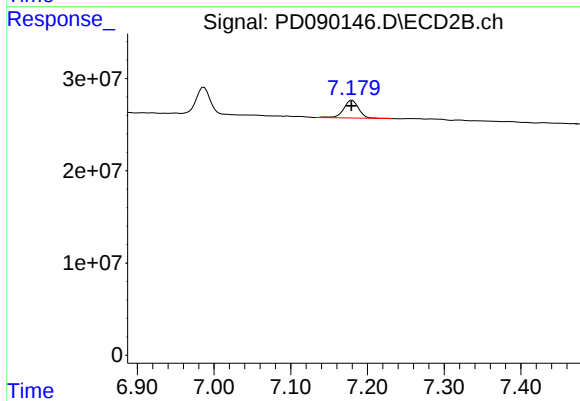
#21 Endrin ketone

R.T.: 6.987 min
Delta R.T.: 0.000 min
Response: 35160627
Conc: 1.32 ng/ml



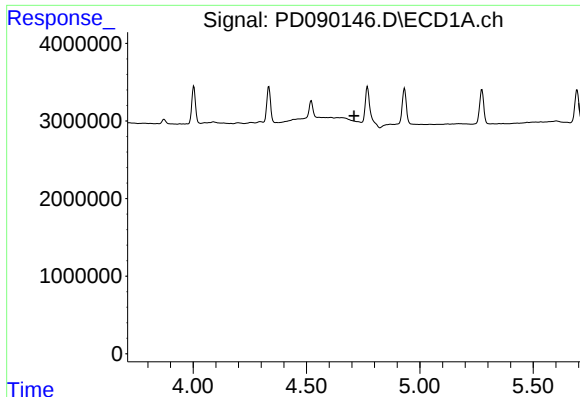
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.007 min
Response: 3380987
Conc: 1.07 ng/ml



#22 Mirex

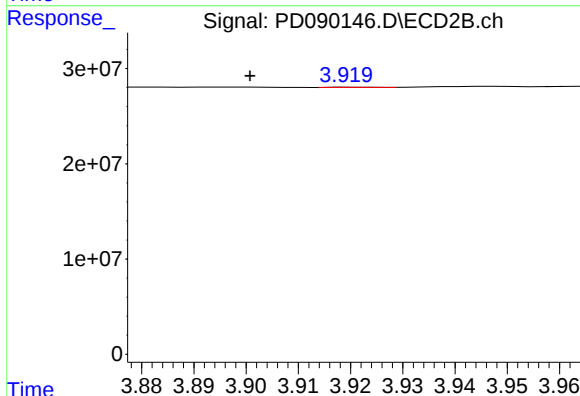
R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 26665857
Conc: 1.29 ng/ml



#23 Chlordane-1

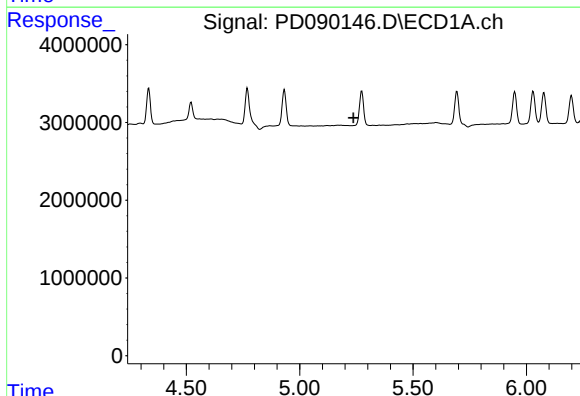
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



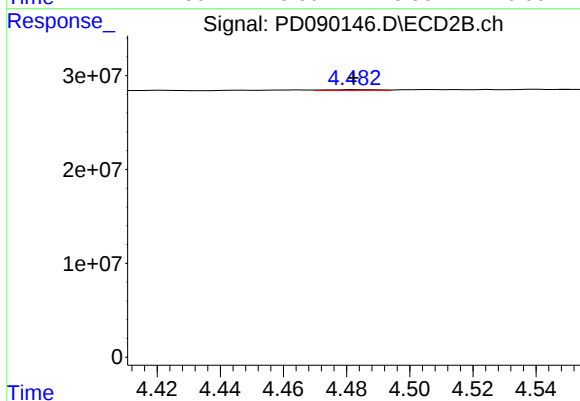
#23 Chlordane-1

R.T.: 3.922 min
Delta R.T.: 0.021 min
Response: 156307
Conc: 0.18 ng/ml



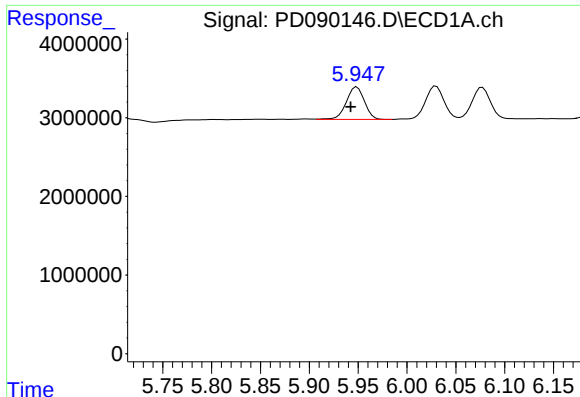
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.238 min
Response: 0
Conc: N.D.



#24 Chlordane-2

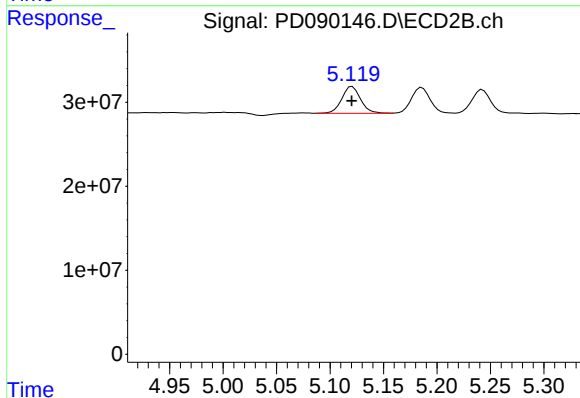
R.T.: 4.483 min
Delta R.T.: 0.001 min
Response: 837827
Conc: 0.87 ng/ml



#25 Chlordane-3

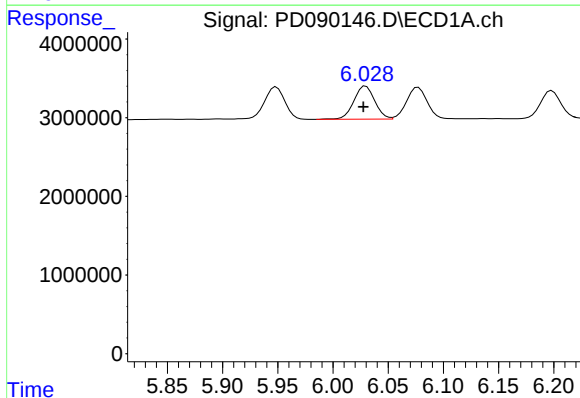
R.T.: 5.949 min
Delta R.T.: 0.006 min
Response: 5325333
Conc: 7.85 ng/ml

Instrument :
ECD_D
ClientSampleId :



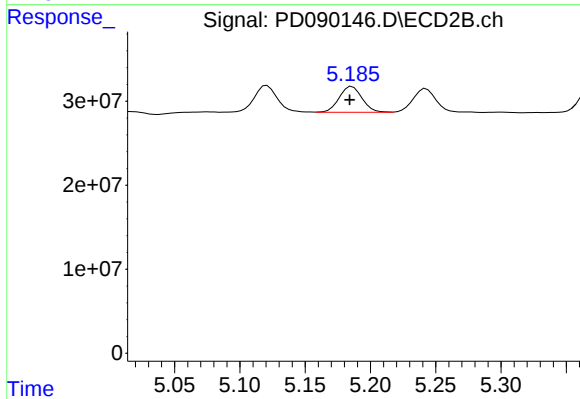
#25 Chlordane-3

R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 38827158
Conc: 14.01 ng/ml



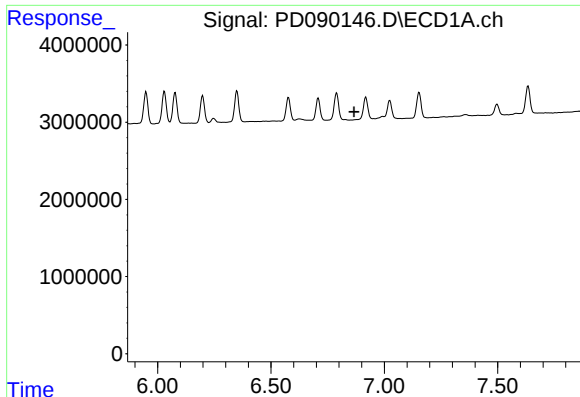
#26 Chlordane-4

R.T.: 6.030 min
Delta R.T.: 0.002 min
Response: 5554335
Conc: 6.69 ng/ml



#26 Chlordane-4

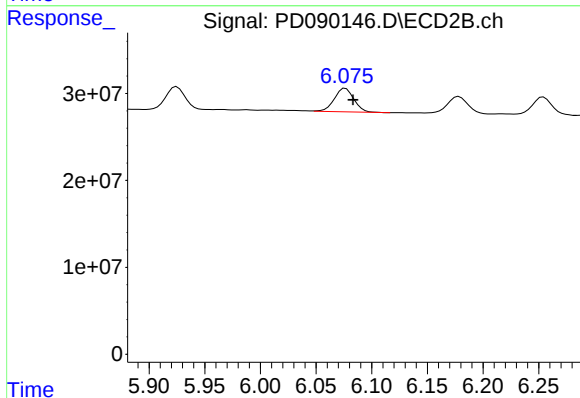
R.T.: 5.186 min
Delta R.T.: 0.002 min
Response: 37497397
Conc: 15.58 ng/ml



#27 Chlordane-5

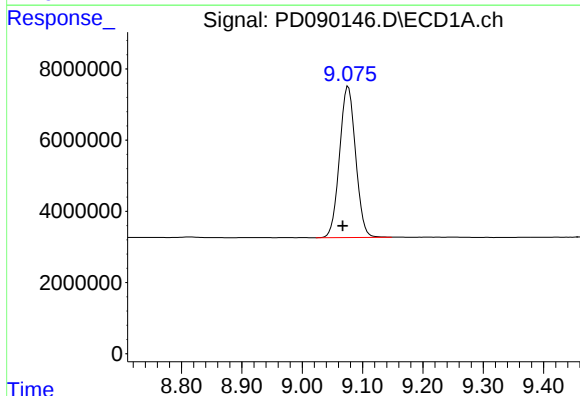
R.T.: 0.000 min
Exp R.T.: 6.867 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



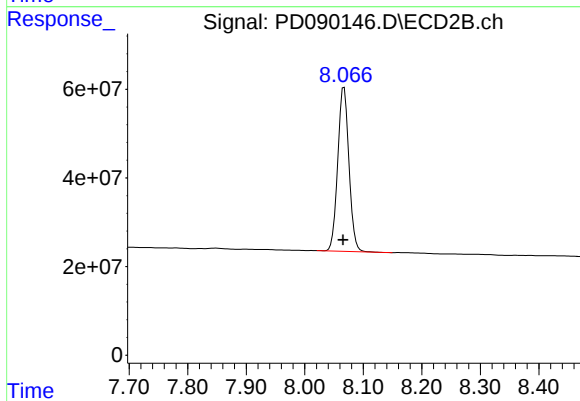
#27 Chlordane-5

R.T.: 6.076 min
Delta R.T.: -0.007 min
Response: 33394819
Conc: 30.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: 0.009 min
Response: 78430679
Conc: 18.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.067 min
Delta R.T.: 0.002 min
Response: 491239545
Conc: 18.98 ng/ml