

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
 Data File : PD090432.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2025 19:40
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 02:33:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 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...	3.545	2.875	62184378	515.4E6	19.131	18.776
2)	SA Decachlor...	9.063	8.062	90898798	601.0E6	18.839	18.542
Target Compounds							
2)	A alpha-BHC	3.994	3.387	58897576	427.5E6	8.433	9.765
3)	MA gamma-BHC...	4.324	3.723	56519854	400.2E6	8.542	9.824
4)	MA Heptachlor	4.957f	4.069	2524156	855554	0.382	0.021 #
5)	MB Aldrin	5.258	4.362	188094	1682776	0.030	0.042 #
6)	B beta-BHC	4.512	4.019	24143810	170.3E6	9.358	9.821
7)	B delta-BHC	4.770	4.255	1099698	268647	0.170	0.007 #
8)	B Heptachlo...	0.000	4.847f	0	2088744	N.D.	0.057 #
9)	A Endosulfan I	0.000	5.229	0	2014919	N.D.	0.058 #
10)	B gamma-Chl...	5.926f	5.115	509429	1182486	0.089	0.030 #
12)	B 4,4'-DDE	6.195	5.372	506375	1830295	0.097	0.048 #
13)	MA Dieldrin	6.369f	5.509	63155	2123376	0.011	0.055 #
14)	MA Endrin	6.568	5.781	239.8E6	1655.8E6	48.997	46.209
15)	B Endosulfa...	6.797	6.070	3359397	910069	0.689	0.027 #
16)	A 4,4'-DDD	6.702	5.926	3210864	6488902	0.784	0.200 #
17)	MA 4,4'-DDT	7.015	6.174	440.4E6	3093.5E6	98.915	89.982
18)	B Endrin al...	6.921	6.247	2039055	13089471	0.594	0.556
19)	B Endosulfa...	0.000	6.479	0	410007	N.D.	0.013 #
20)	A Methoxychlor	7.487	6.745	538.9E6	3314.9E6	228.685	190.506
21)	B Endrin ke...	7.625	6.983	2657125	10750784	0.537	0.298 #
22)	Mirex	0.000	7.169	0	8203486	N.D.	0.297 #
23)	Chlordane-1	0.000	3.891	0	670524	N.D.	0.557 #
24)	Chlordane-2	5.258f	4.509f	188094	4667540	0.877	3.733 #
25)	Chlordane-3	5.926	5.115	509429	1182486	0.609	0.312 #
26)	Chlordane-4	0.000	5.188	0	1065601	N.D.	0.327 #
27)	Chlordane-5	0.000	6.086	0	714171	N.D.	0.471 #

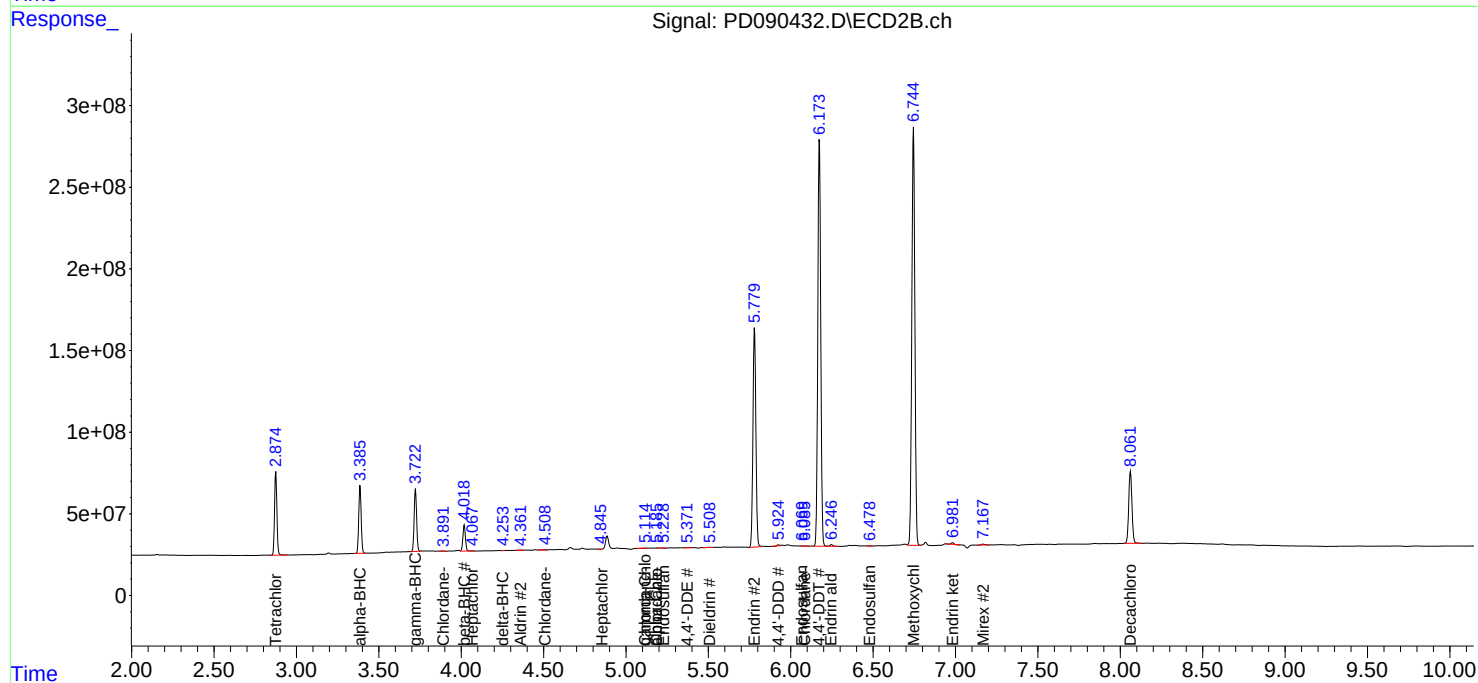
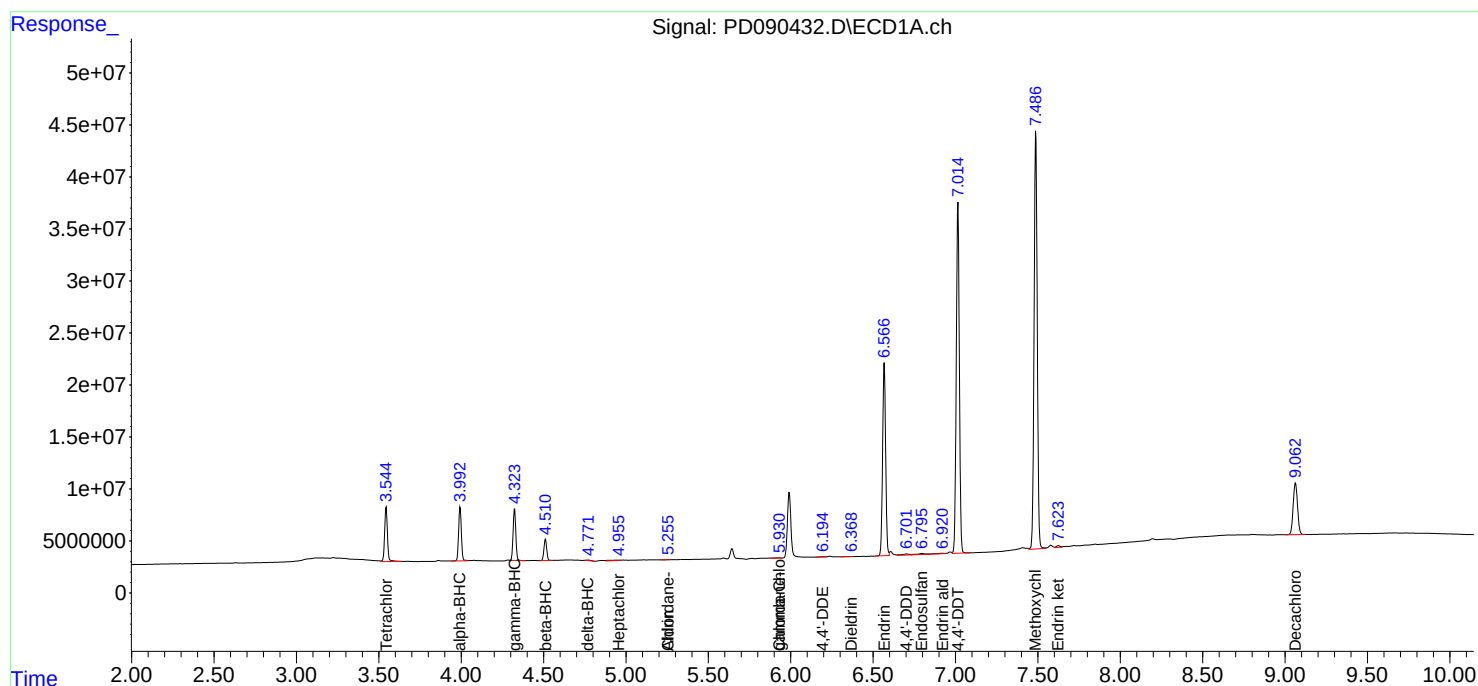
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

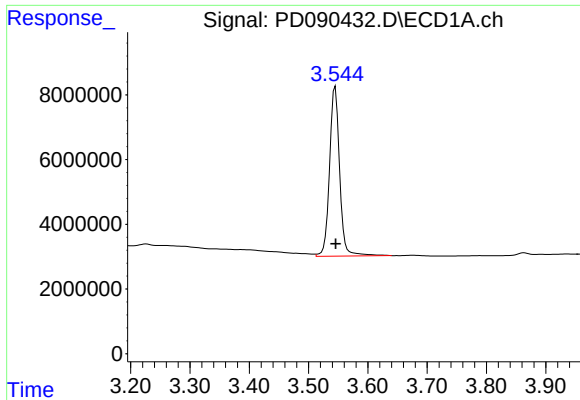
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
Data File : PD090432.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2025 19:40
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:33:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 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

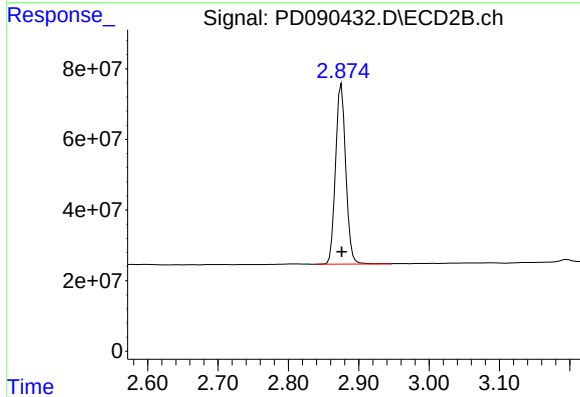




#1 Tetrachloro-m-xylene

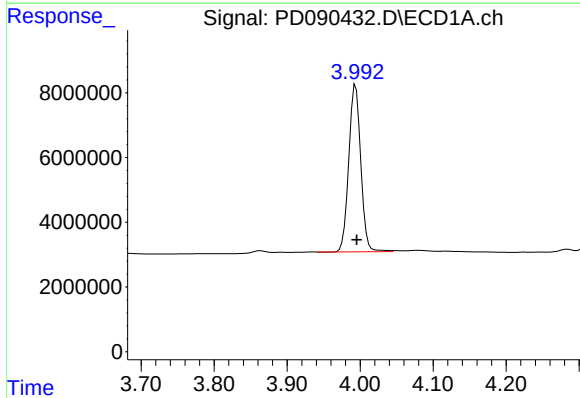
R.T.: 3.545 min
Delta R.T.: -0.001 min
Response: 62184378
Conc: 19.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



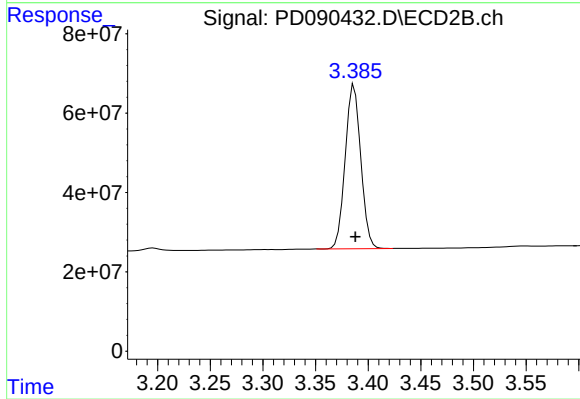
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 515409548
Conc: 18.78 ng/ml



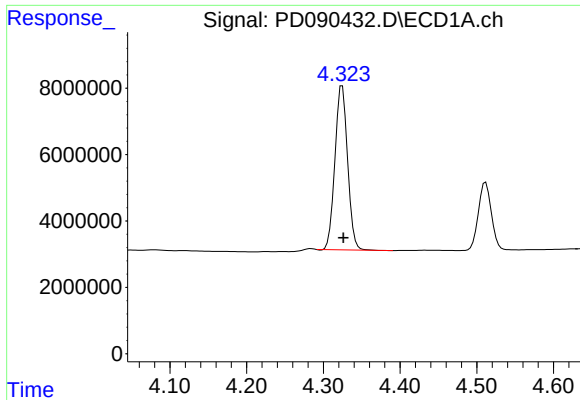
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.002 min
Response: 58897576
Conc: 8.43 ng/ml



#2 alpha-BHC

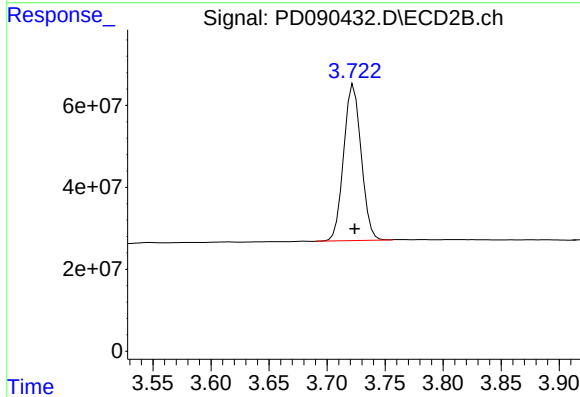
R.T.: 3.387 min
Delta R.T.: -0.001 min
Response: 427536450
Conc: 9.76 ng/ml



#3 gamma-BHC (Lindane)

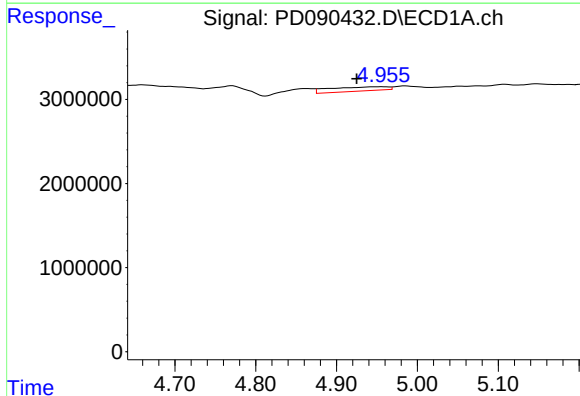
R.T.: 4.324 min
Delta R.T.: -0.002 min
Response: 56519854
Conc: 8.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



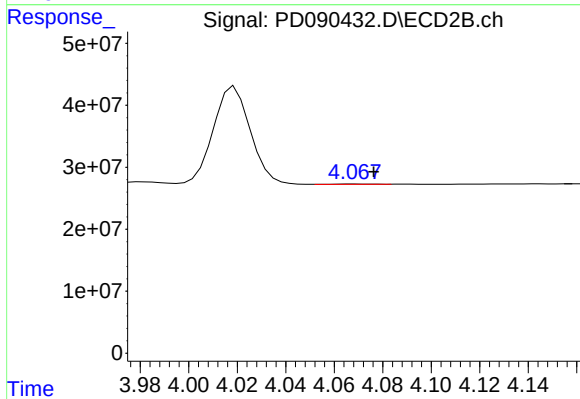
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 400193097
Conc: 9.82 ng/ml



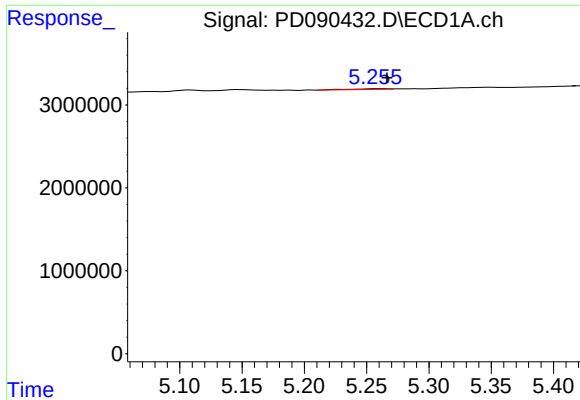
#4 Heptachlor

R.T.: 4.957 min
Delta R.T.: 0.032 min
Response: 2524156
Conc: 0.38 ng/ml



#4 Heptachlor

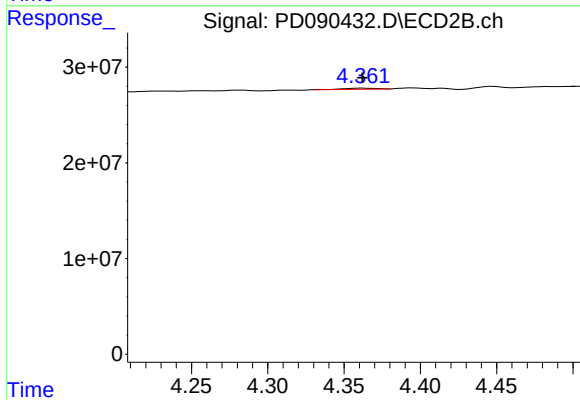
R.T.: 4.069 min
Delta R.T.: -0.008 min
Response: 855554
Conc: 0.02 ng/ml



#5 Aldrin

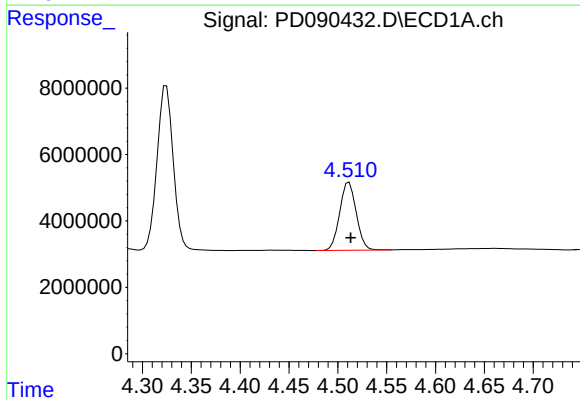
R.T.: 5.258 min
Delta R.T.: -0.008 min
Response: 188094
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



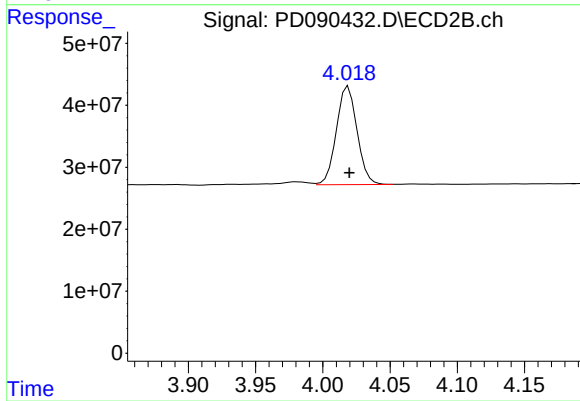
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 1682776
Conc: 0.04 ng/ml



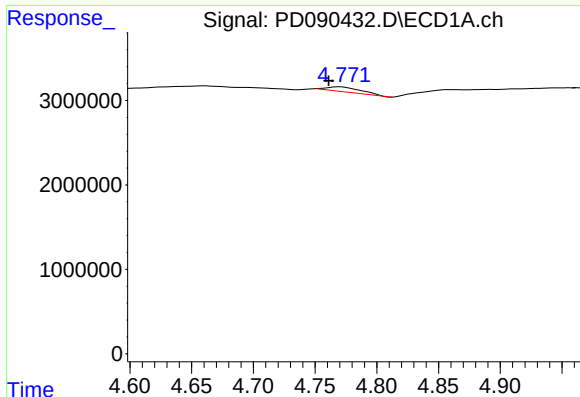
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: -0.002 min
Response: 24143810
Conc: 9.36 ng/ml



#6 beta-BHC

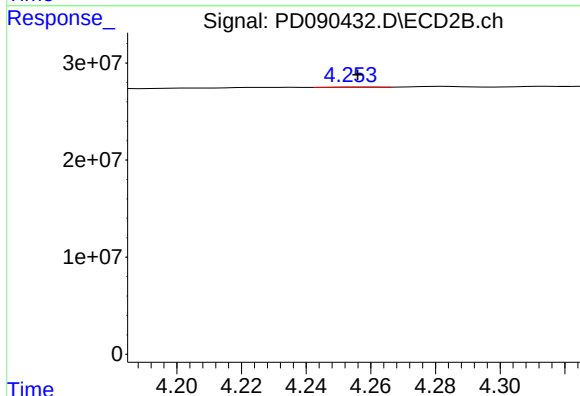
R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 170250020
Conc: 9.82 ng/ml



#7 delta-BHC

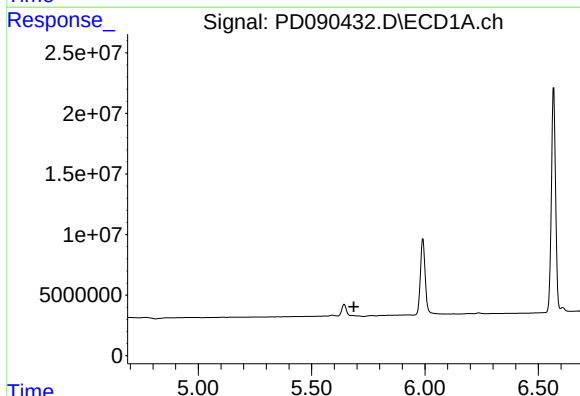
R.T.: 4.770 min
Delta R.T.: 0.009 min
Response: 1099698
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



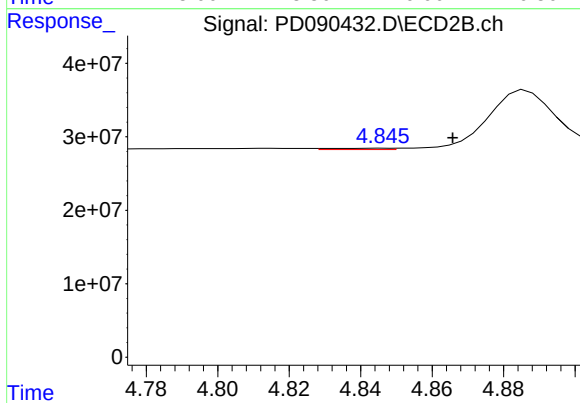
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 268647
Conc: 0.01 ng/ml



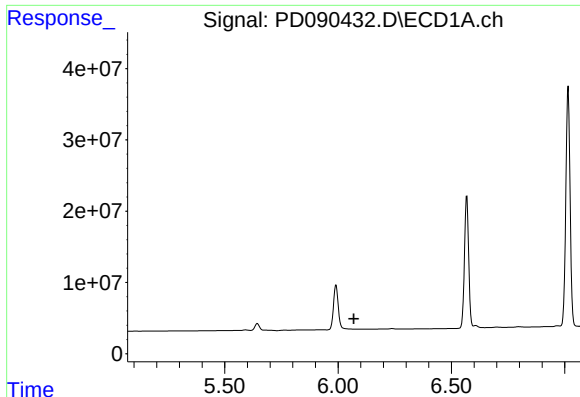
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.686 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

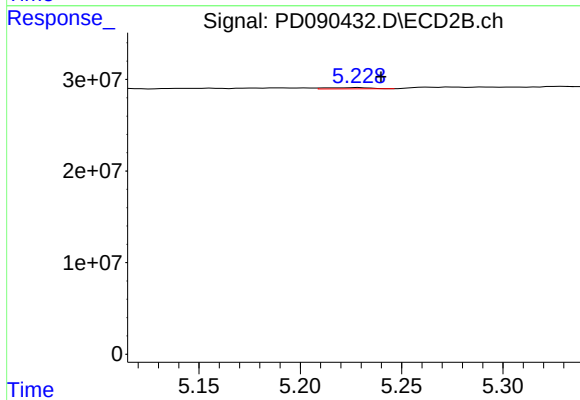
R.T.: 4.847 min
Delta R.T.: -0.019 min
Response: 2088744
Conc: 0.06 ng/ml



#9 Endosulfan I

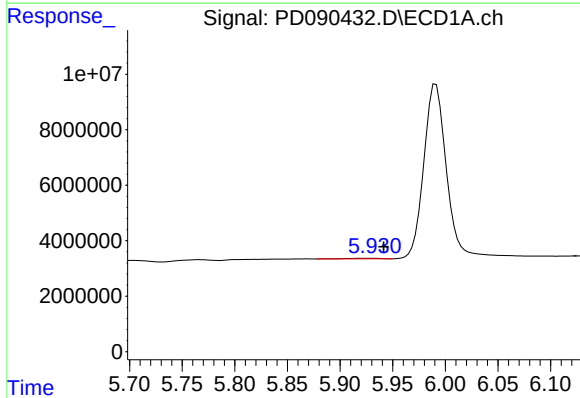
R.T.: 0.000 min
Exp R.T.: 6.070 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



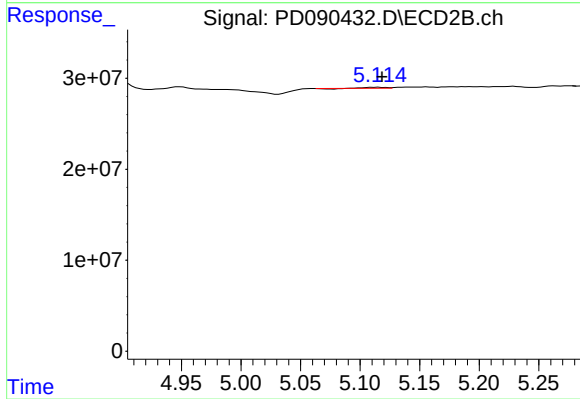
#9 Endosulfan I

R.T.: 5.229 min
Delta R.T.: -0.011 min
Response: 2014919
Conc: 0.06 ng/ml



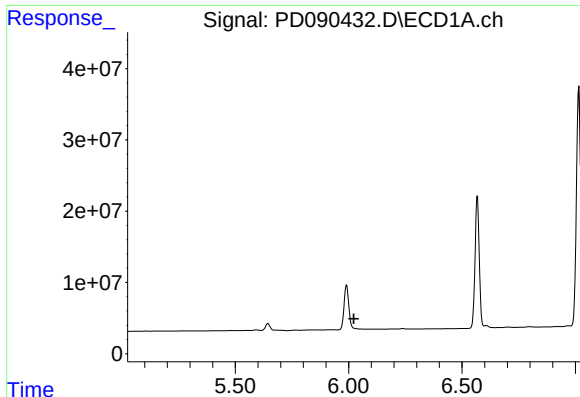
#10 gamma-Chlordane

R.T.: 5.926 min
Delta R.T.: -0.015 min
Response: 509429
Conc: 0.09 ng/ml



#10 gamma-Chlordane

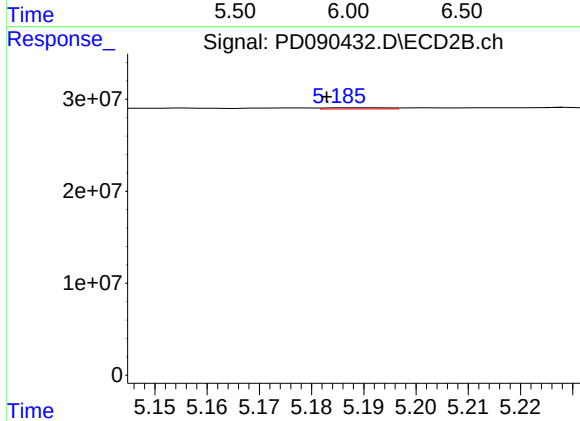
R.T.: 5.115 min
Delta R.T.: -0.003 min
Response: 1182486
Conc: 0.03 ng/ml



#11 alpha-Chlordane

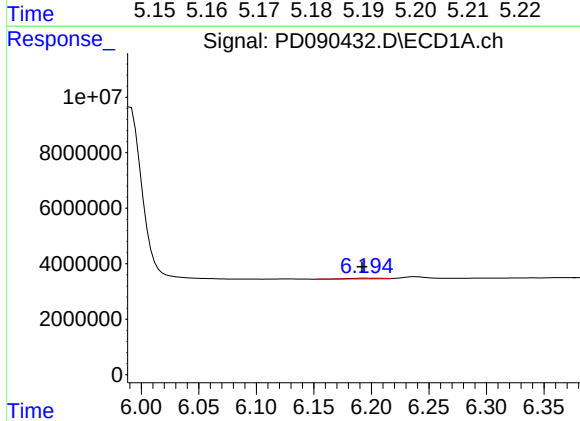
R.T.: 5.991 min
Delta R.T.: -0.031 min
Response: -52101539
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



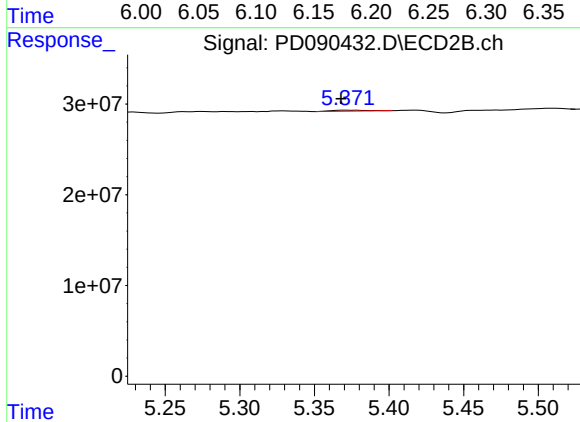
#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: 0.005 min
Response: 1065601
Conc: 0.03 ng/ml



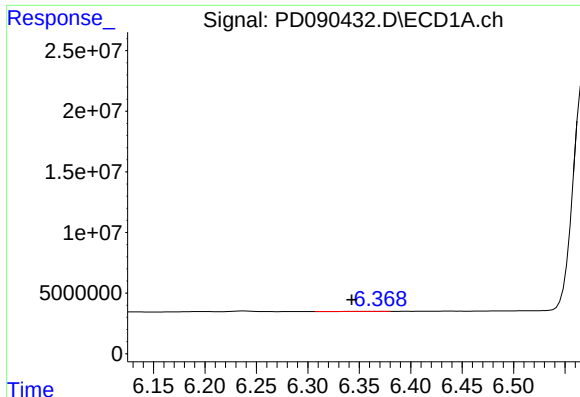
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.003 min
Response: 506375
Conc: 0.10 ng/ml



#12 4,4'-DDE

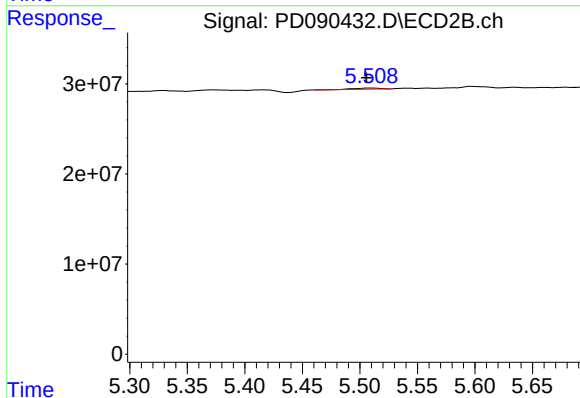
R.T.: 5.372 min
Delta R.T.: 0.004 min
Response: 1830295
Conc: 0.05 ng/ml



#13 Dieldrin

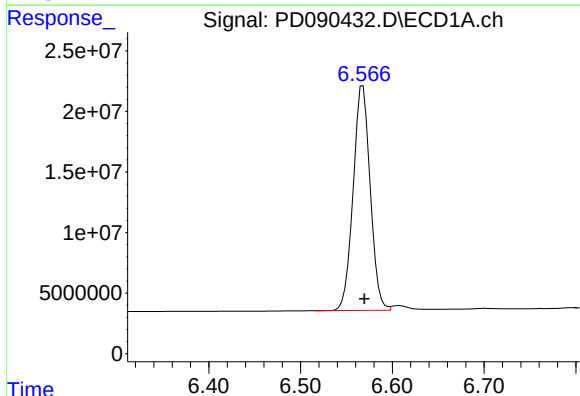
R.T.: 6.369 min
Delta R.T.: 0.027 min
Response: 63155
Conc: 0.01 ng/ml

Instrument :
ECD_D
ClientSampleId :



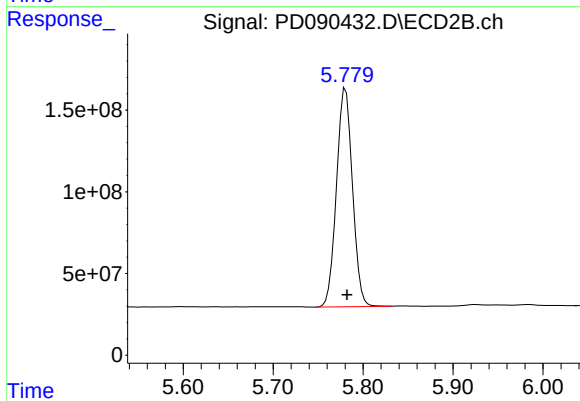
#13 Dieldrin

R.T.: 5.509 min
Delta R.T.: 0.004 min
Response: 2123376
Conc: 0.05 ng/ml



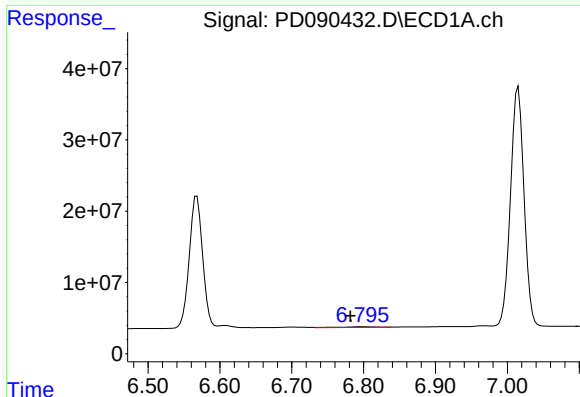
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.002 min
Response: 239787681
Conc: 49.00 ng/ml



#14 Endrin

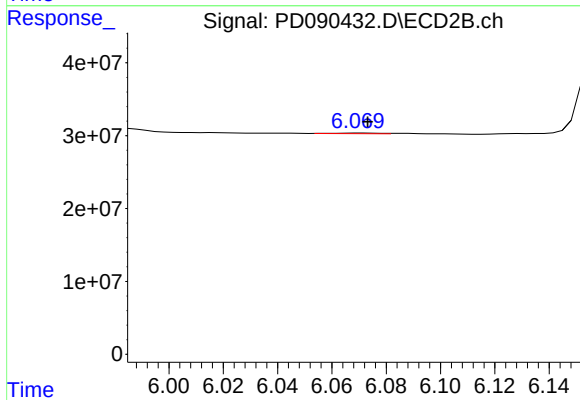
R.T.: 5.781 min
Delta R.T.: -0.001 min
Response: 1655763559
Conc: 46.21 ng/ml



#15 Endosulfan II

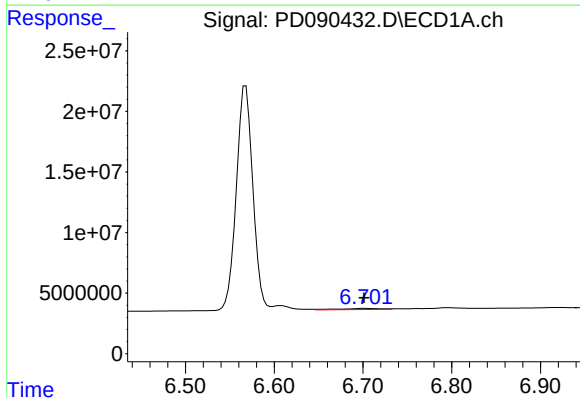
R.T.: 6.797 min
Delta R.T.: 0.015 min
Response: 3359397
Conc: 0.69 ng/ml

Instrument :
ECD_D
ClientSampleId :



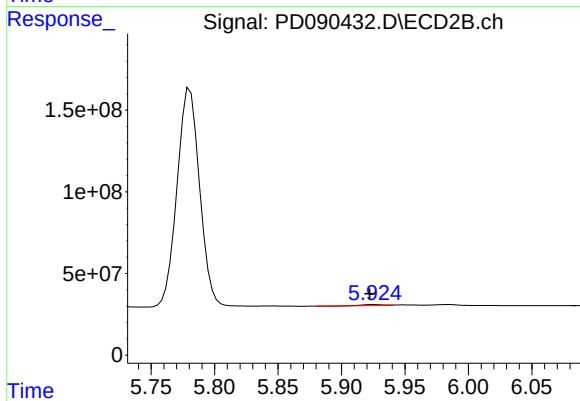
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 910069
Conc: 0.03 ng/ml



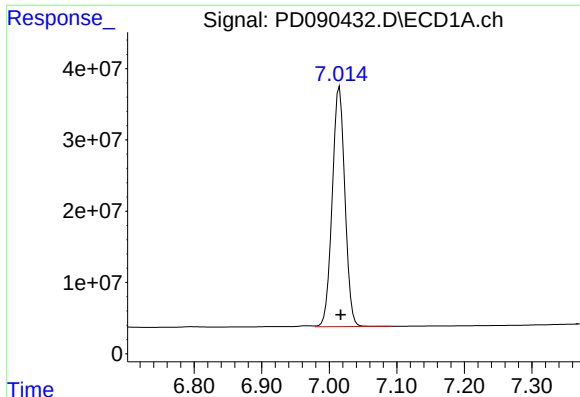
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 3210864
Conc: 0.78 ng/ml



#16 4,4'-DDD

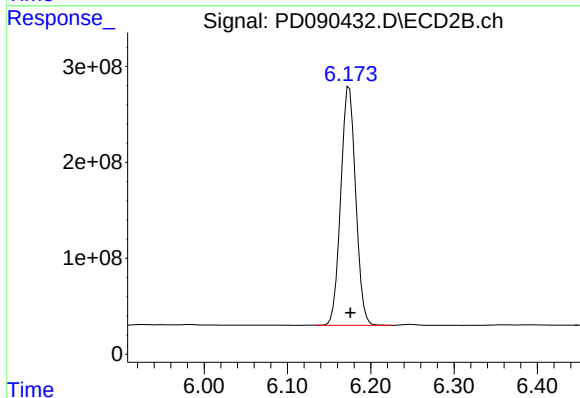
R.T.: 5.926 min
Delta R.T.: 0.003 min
Response: 6488902
Conc: 0.20 ng/ml



#17 4,4'-DDT

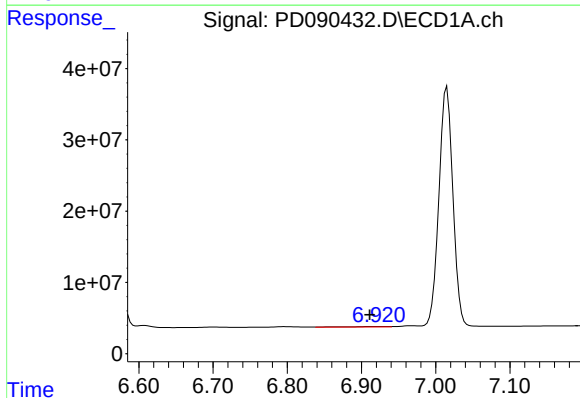
R.T.: 7.015 min
Delta R.T.: -0.002 min
Response: 440416694
Conc: 98.92 ng/ml

Instrument :
ECD_D
ClientSampleId :



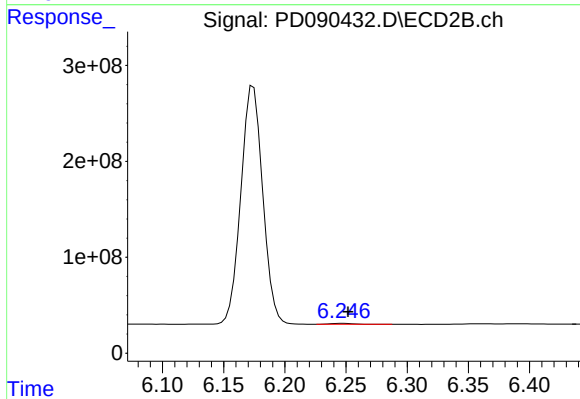
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.001 min
Response: 3093499847
Conc: 89.98 ng/ml



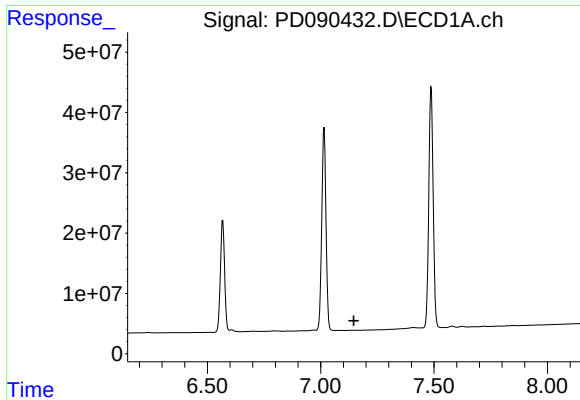
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: 0.009 min
Response: 2039055
Conc: 0.59 ng/ml



#18 Endrin aldehyde

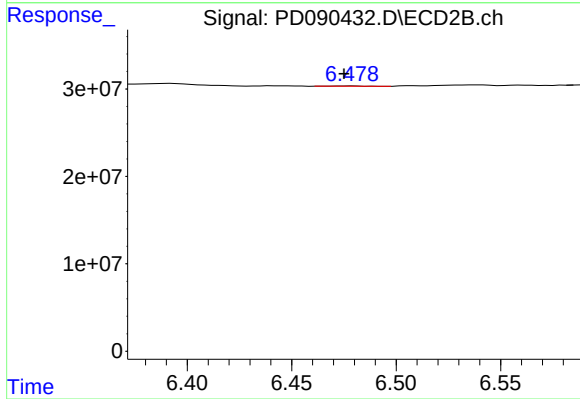
R.T.: 6.247 min
Delta R.T.: -0.004 min
Response: 13089471
Conc: 0.56 ng/ml



#19 Endosulfan Sulfate

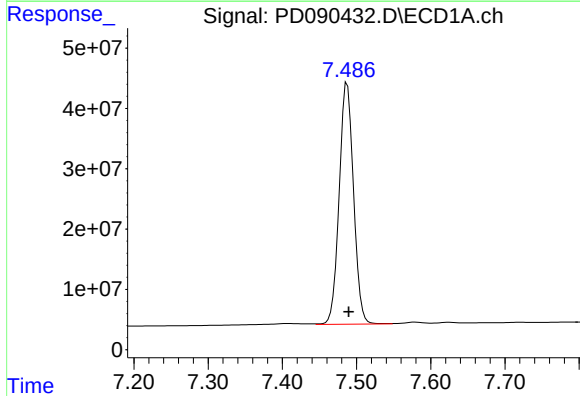
R.T.: 0.000 min
Exp R.T.: 7.146 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



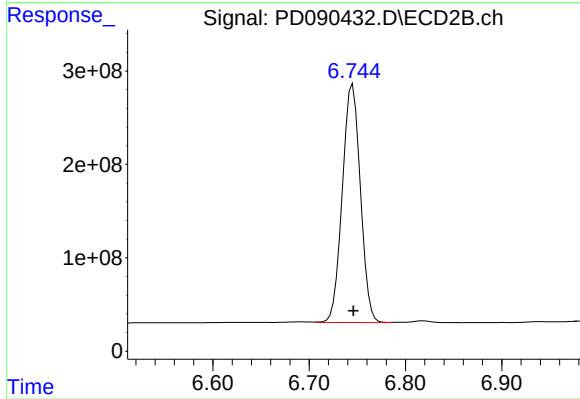
#19 Endosulfan Sulfate

R.T.: 6.479 min
Delta R.T.: 0.004 min
Response: 410007
Conc: 0.01 ng/ml



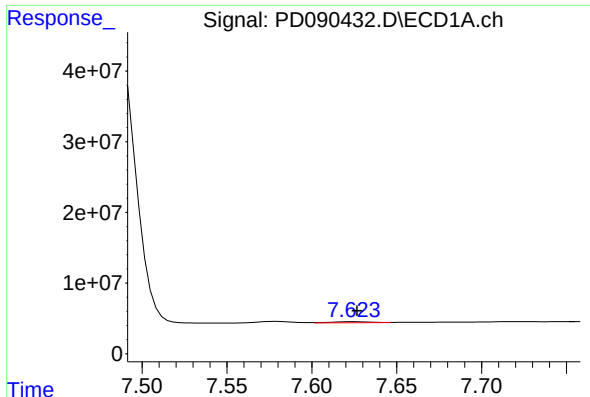
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: -0.002 min
Response: 538897494
Conc: 228.68 ng/ml



#20 Methoxychlor

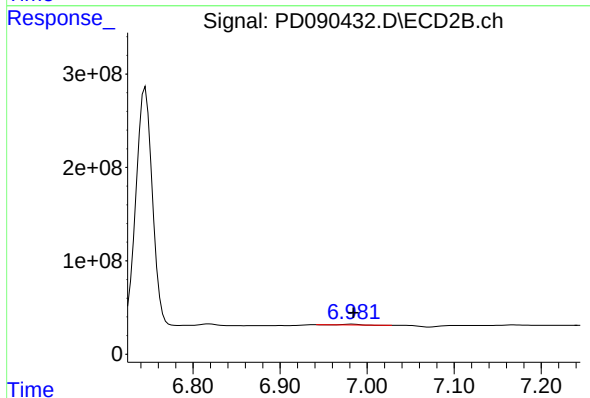
R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 3314881401
Conc: 190.51 ng/ml



#21 Endrin ketone

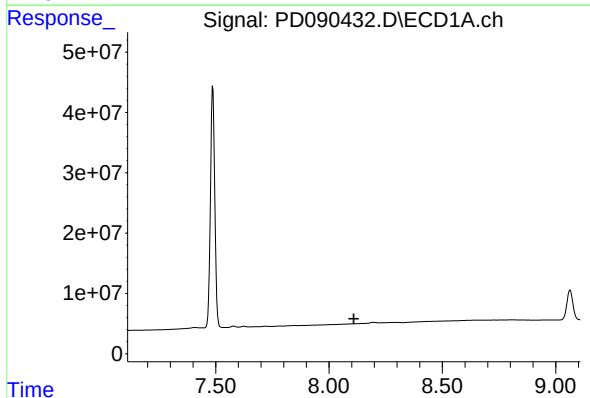
R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 2657125
Conc: 0.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



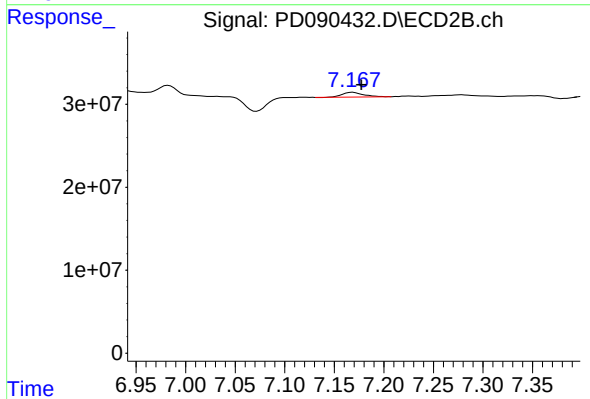
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: -0.002 min
Response: 10750784
Conc: 0.30 ng/ml



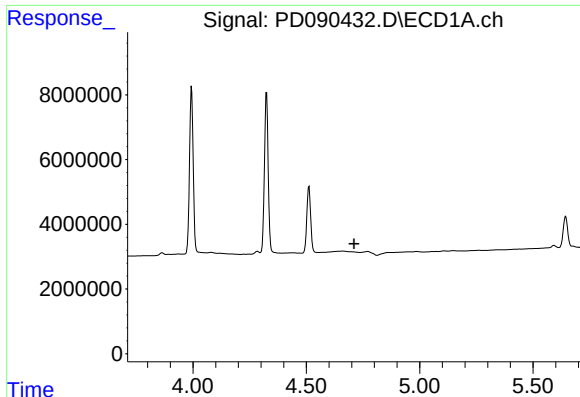
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.109 min
Response: 0
Conc: N.D.



#22 Mirex

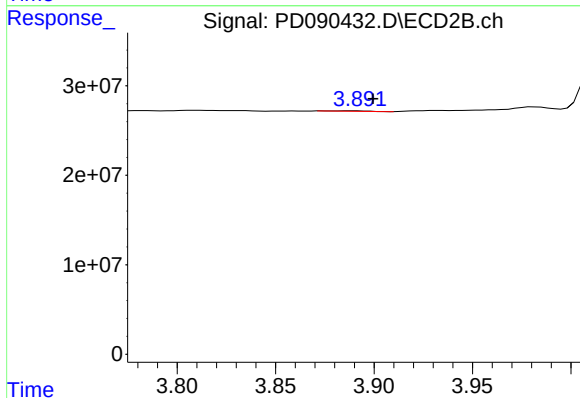
R.T.: 7.169 min
Delta R.T.: -0.009 min
Response: 8203486
Conc: 0.30 ng/ml



#23 Chlordane-1

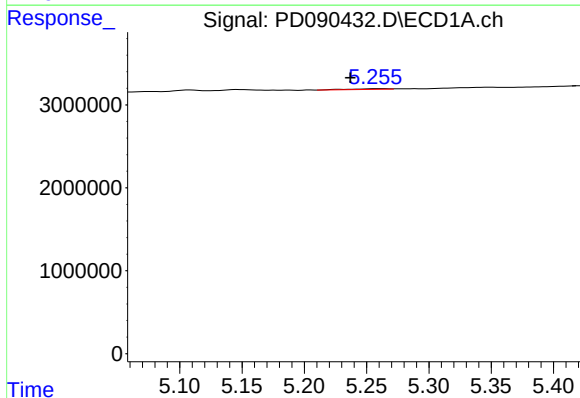
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



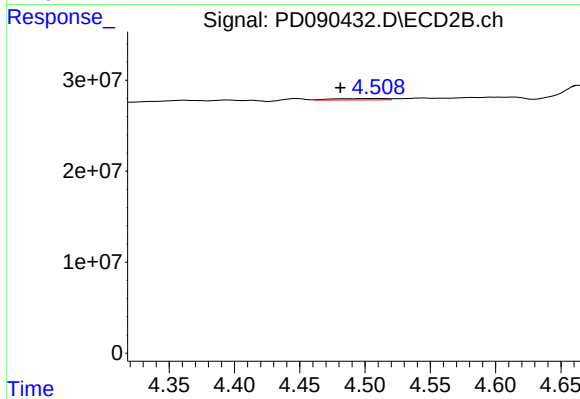
#23 Chlordane-1

R.T.: 3.891 min
Delta R.T.: -0.009 min
Response: 670524
Conc: 0.56 ng/ml



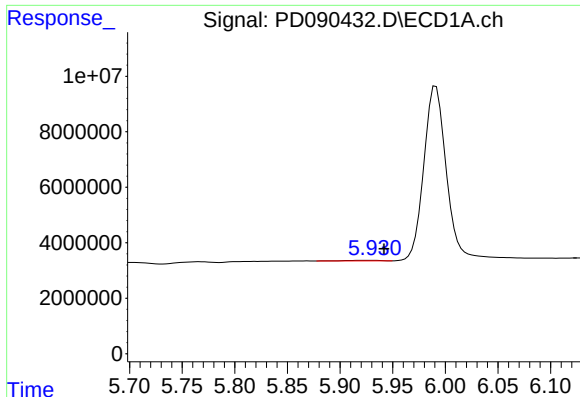
#24 Chlordane-2

R.T.: 5.258 min
Delta R.T.: 0.022 min
Response: 188094
Conc: 0.88 ng/ml



#24 Chlordane-2

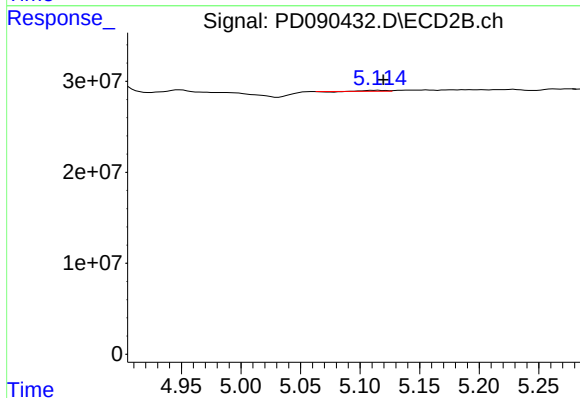
R.T.: 4.509 min
Delta R.T.: 0.028 min
Response: 4667540
Conc: 3.73 ng/ml



#25 Chlordane-3

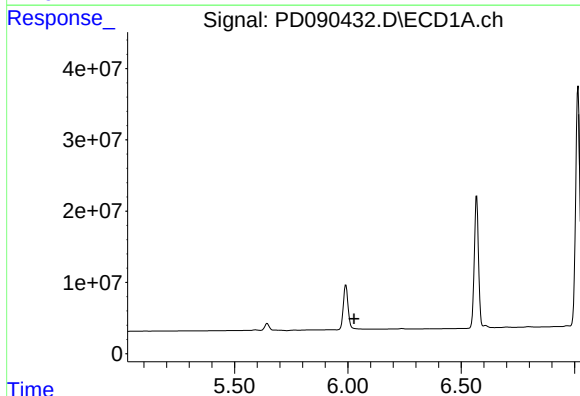
R.T.: 5.926 min
Delta R.T.: -0.016 min
Response: 509429
Conc: 0.61 ng/ml

Instrument :
ECD_D
ClientSampleId :



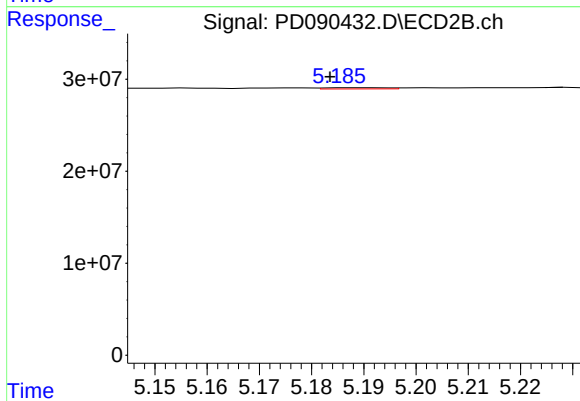
#25 Chlordane-3

R.T.: 5.115 min
Delta R.T.: -0.004 min
Response: 1182486
Conc: 0.31 ng/ml



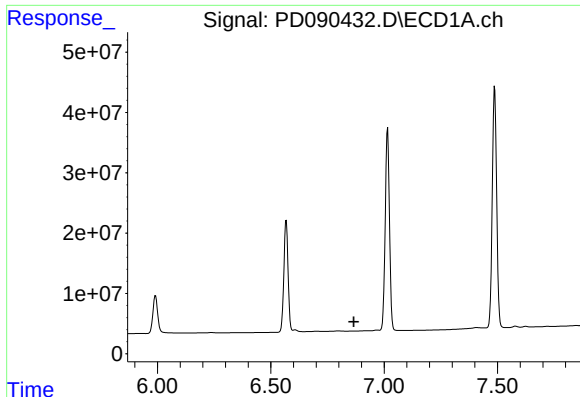
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 6.027 min
Response: 0
Conc: N.D.



#26 Chlordane-4

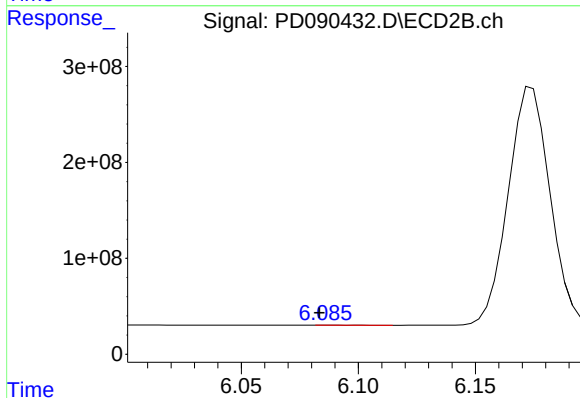
R.T.: 5.188 min
Delta R.T.: 0.005 min
Response: 1065601
Conc: 0.33 ng/ml



#27 Chlordane-5

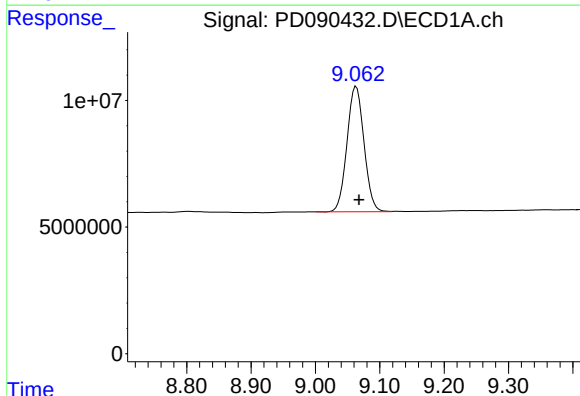
R.T.: 0.000 min
Exp R.T.: 6.867 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



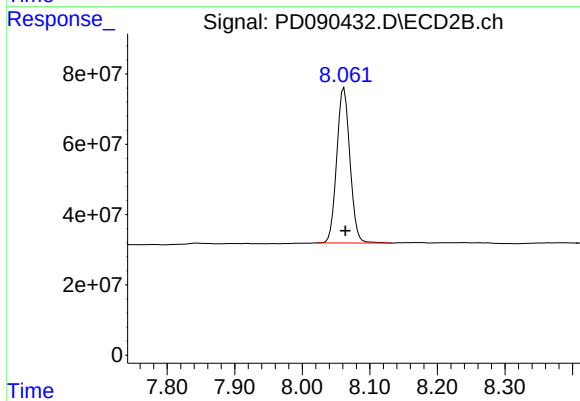
#27 Chlordane-5

R.T.: 6.086 min
Delta R.T.: 0.003 min
Response: 714171
Conc: 0.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.004 min
Response: 90898798
Conc: 18.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 601019045
Conc: 18.54 ng/ml