

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062825\
 Data File : PD089191.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 18:32
 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: Jun 27 23:14:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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...	3.550	2.880	63005766	390.9E6	22.083	23.060
28)	SA Decachlor...	9.071	8.071	82146873	403.8E6	20.915	20.426
Target Compounds							
2)	A alpha-BHC	3.998	3.392	58830525	317.1E6	10.093	11.832
3)	MA gamma-BHC...	4.329	3.729	59457056	293.6E6	10.652	11.861
4)	MA Heptachlor	4.952f	4.079	708890	2486893	0.130	0.099
5)	MB Aldrin	5.258	4.362	728384	1876285	0.137	0.077 #
6)	B beta-BHC	4.515	4.025	24856163	115.6E6	11.262	10.758
7)	B delta-BHC	4.776	4.259	2304799	673529	0.449	0.027 #
8)	B Heptachlo...	5.678	4.873	1890762	3840478	0.392	0.175 #
9)	A Endosulfan I	6.059	0.000	76978	0	0.017	N.D. #
10)	B gamma-Chl...	5.913f	5.125	4548233	263.2E6	0.950	11.003 #
11)	B alpha-Chl...	6.032	0.000	542389	0	0.112	N.D. #
12)	B 4,4'-DDE	6.192	5.374	891697	10994585	0.204	0.480 #
13)	MA Dieldrin	6.365f	0.000	4688871	0	0.977	N.D. #
14)	MA Endrin	6.573	5.788	214.6E6	1158.0E6	52.027	53.331
15)	B Endosulfa...	6.772	6.085	1063038	6536253	0.263	0.324
16)	A 4,4'-DDD	6.704	5.928	30759018	171.5E6	8.962	8.963
17)	MA 4,4'-DDT	7.020	6.182	305.8E6	1629.7E6	80.718	80.362
18)	B Endrin al...	6.915	6.257	2685302	21758142	0.876	1.421 #
20)	A Methoxychlor	7.492	6.753	368.7E6	1729.1E6	182.489	160.574
21)	B Endrin ke...	7.629	6.989	9349365	66377698	2.295	3.073 #
22)	Mirex	8.115	7.176	491014	4693139	0.162	0.281 #
23)	Chlordane-1	4.717	3.897	12665	4983582	0.059	5.346 #
24)	Chlordane-2	5.258	4.491	728384	38232338	3.336	40.176 #
25)	Chlordane-3	0.000	5.125	0	263.2E6	N.D.	88.622 #
26)	Chlordane-4	6.032	0.000	542389	0	0.516	N.D. #
27)	Chlordane-5	6.866	6.085	381843	6536253	2.089	5.776 #

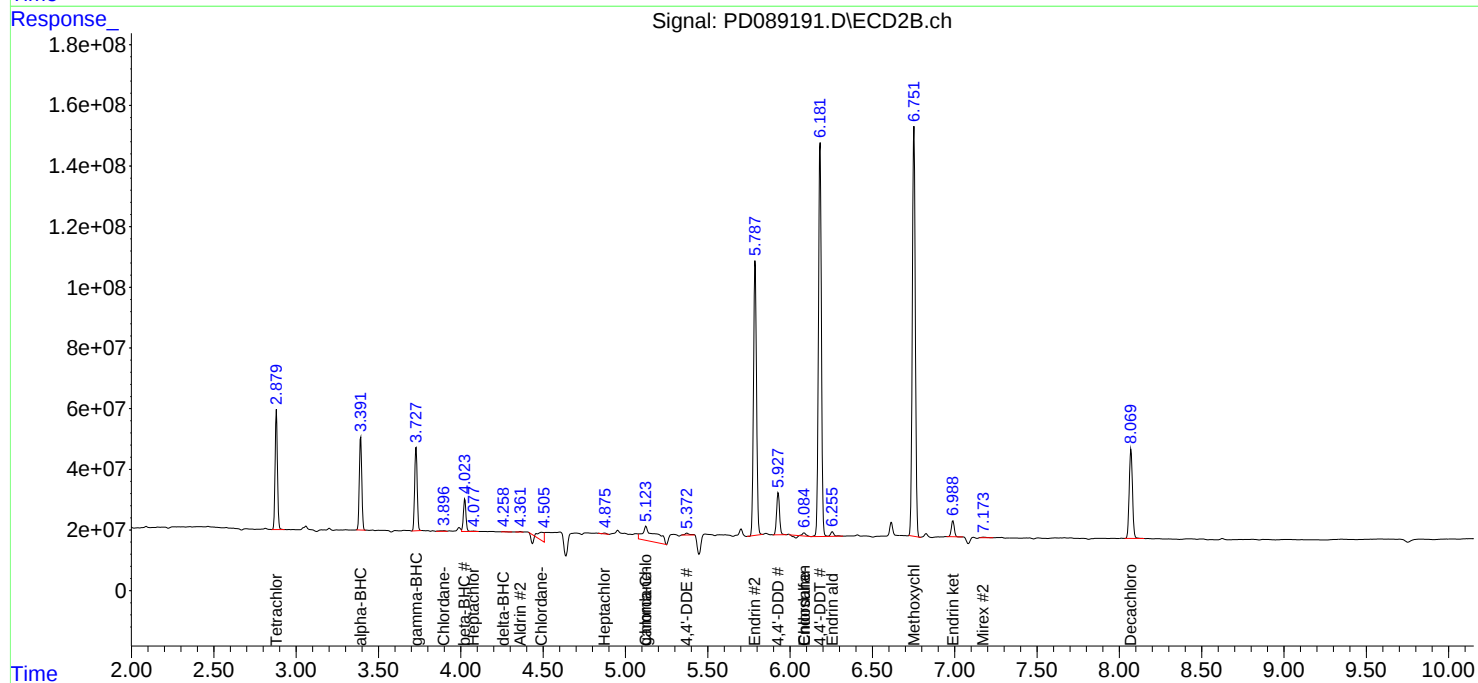
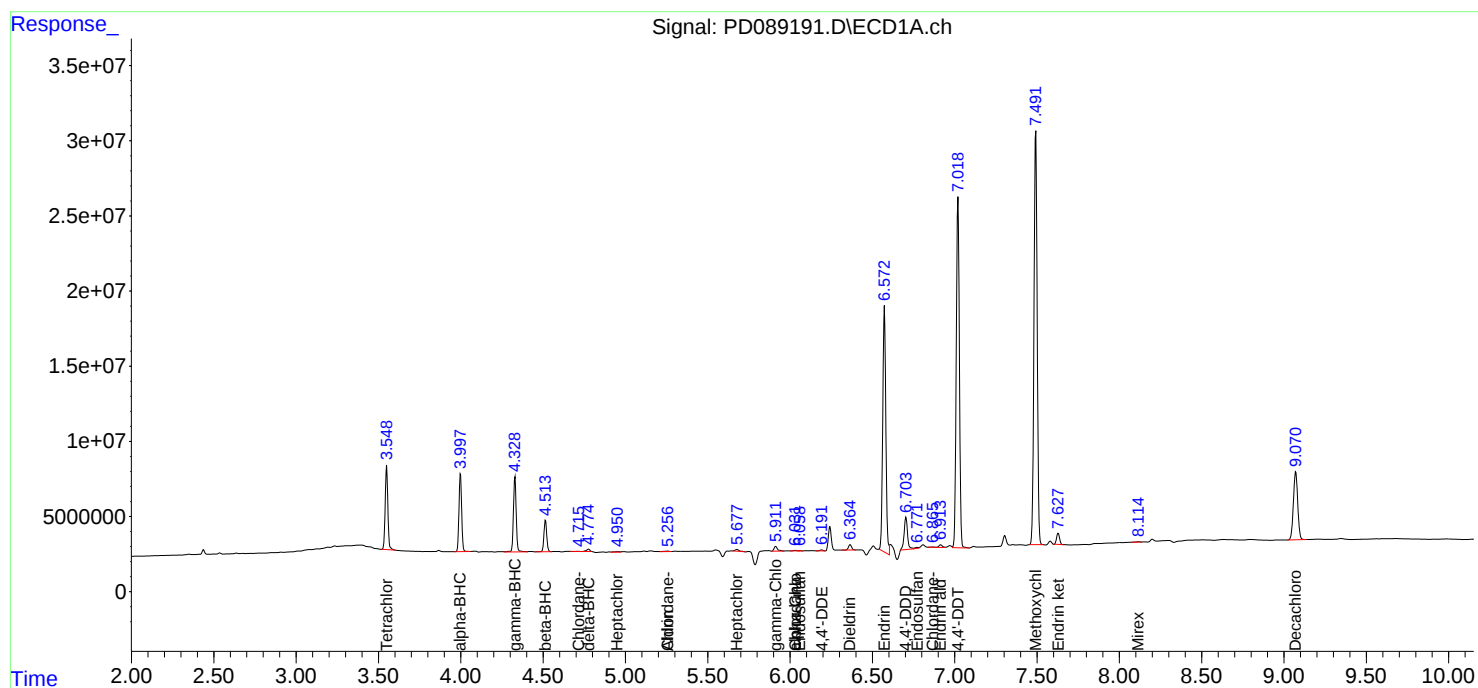
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

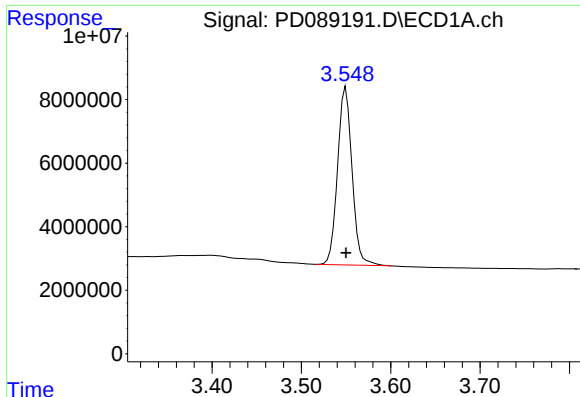
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062825\
Data File : PD089191.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2025 18:32
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 27 23:14:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 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

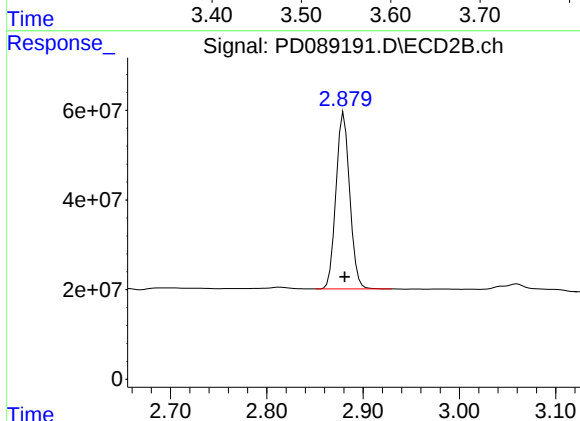




#1 Tetrachloro-m-xylene

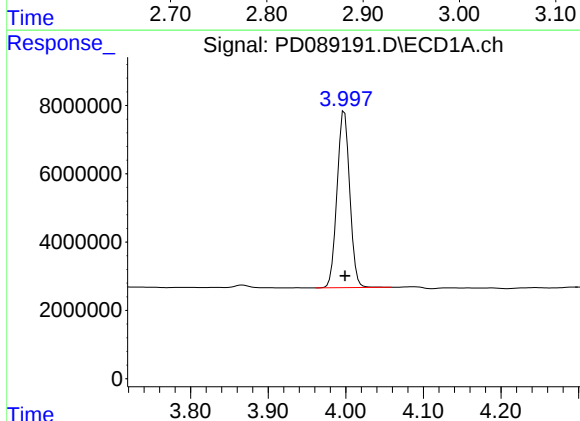
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 63005766
Conc: 22.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



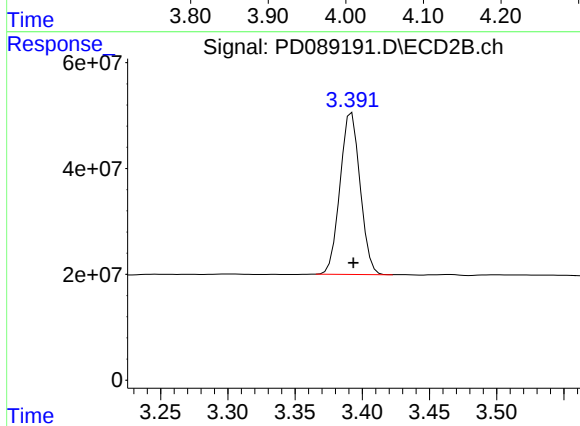
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 390935444
Conc: 23.06 ng/ml



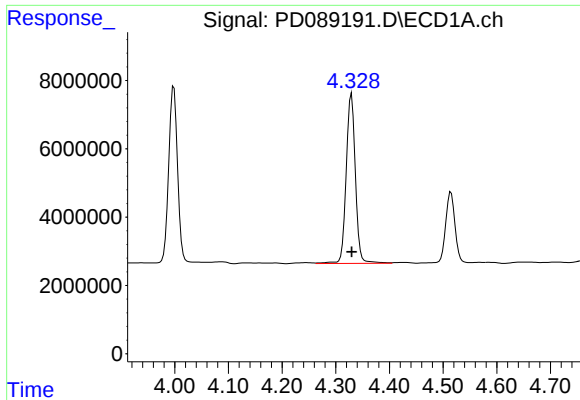
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 58830525
Conc: 10.09 ng/ml



#2 alpha-BHC

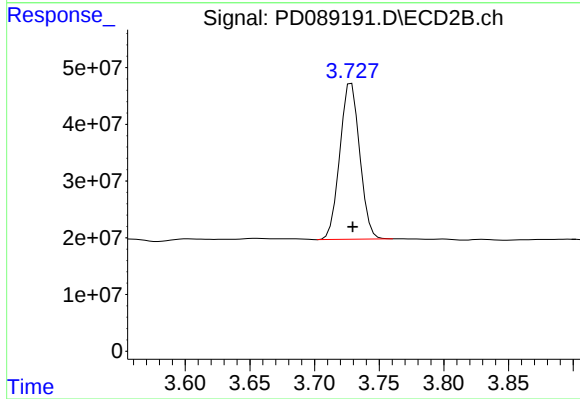
R.T.: 3.392 min
Delta R.T.: -0.001 min
Response: 317061174
Conc: 11.83 ng/ml



#3 gamma-BHC (Lindane)

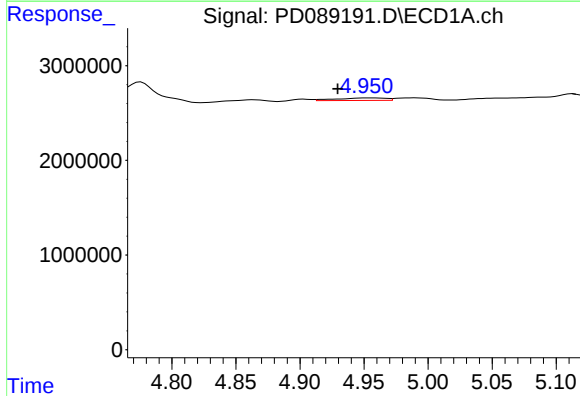
R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 59457056
Conc: 10.65 ng/ml

Instrument :
ECD_D
ClientSampleId :



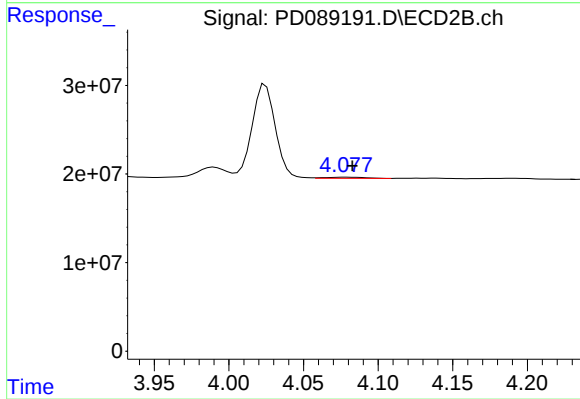
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 293631686
Conc: 11.86 ng/ml



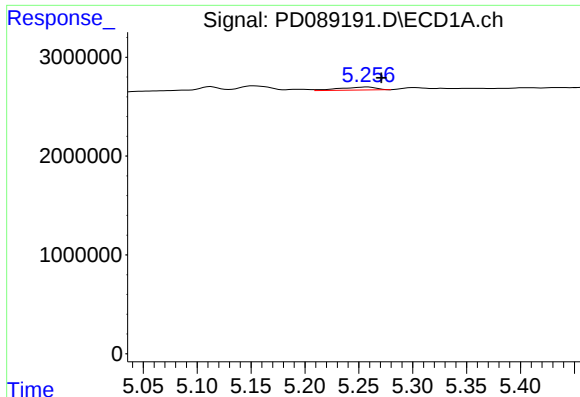
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: 0.023 min
Response: 708890
Conc: 0.13 ng/ml



#4 Heptachlor

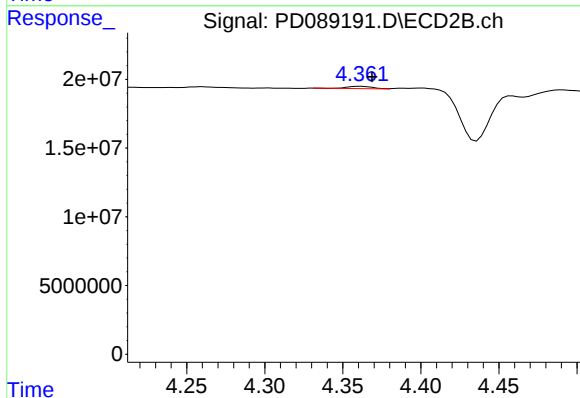
R.T.: 4.079 min
Delta R.T.: -0.004 min
Response: 2486893
Conc: 0.10 ng/ml



#5 Aldrin

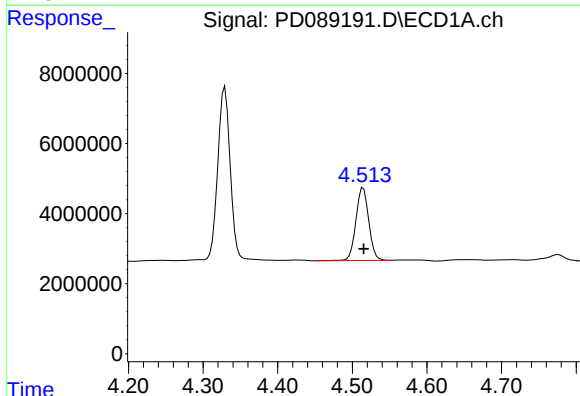
R.T.: 5.258 min
Delta R.T.: -0.013 min
Response: 728384
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



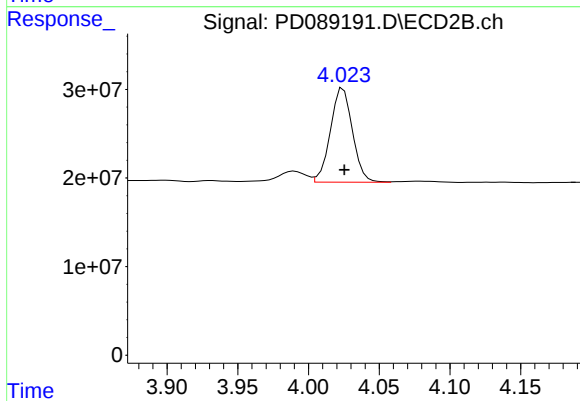
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.007 min
Response: 1876285
Conc: 0.08 ng/ml



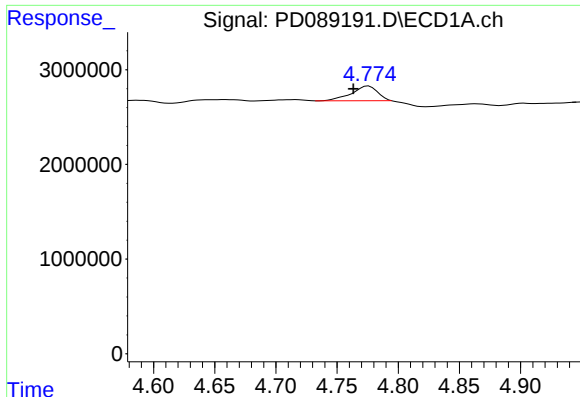
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 24856163
Conc: 11.26 ng/ml



#6 beta-BHC

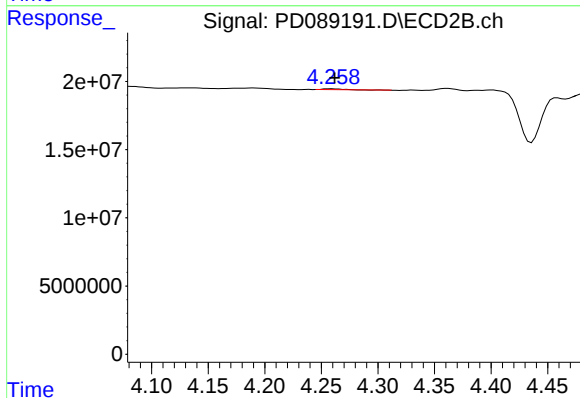
R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 115606702
Conc: 10.76 ng/ml



#7 delta-BHC

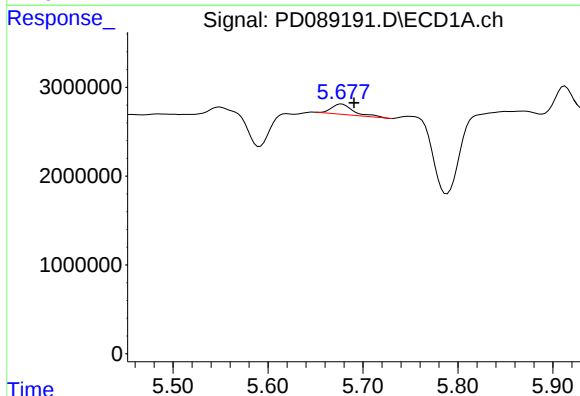
R.T.: 4.776 min
Delta R.T.: 0.012 min
Response: 2304799
Conc: 0.45 ng/ml

Instrument :
ECD_D
ClientSampleId :



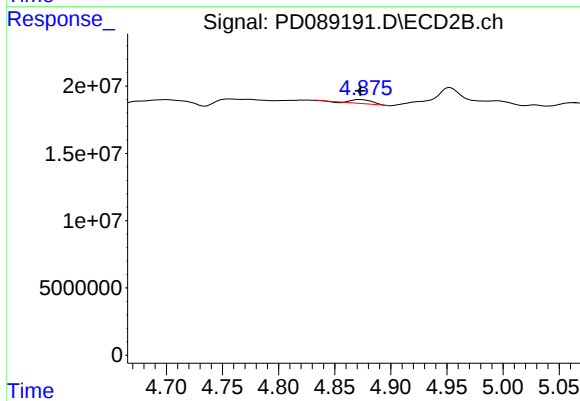
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: -0.003 min
Response: 673529
Conc: 0.03 ng/ml



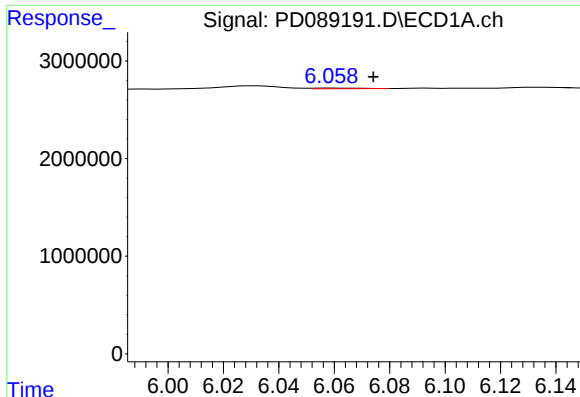
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.013 min
Response: 1890762
Conc: 0.39 ng/ml



#8 Heptachlor epoxide

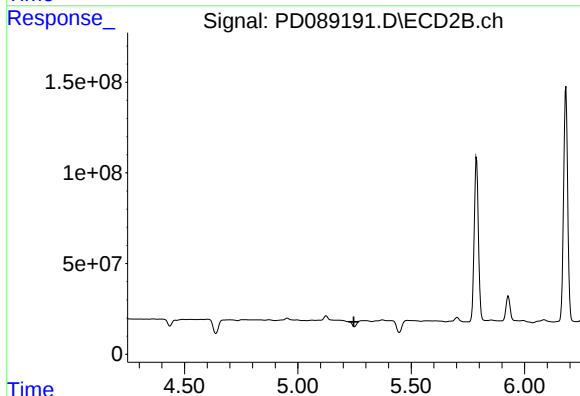
R.T.: 4.873 min
Delta R.T.: 0.000 min
Response: 3840478
Conc: 0.18 ng/ml



#9 Endosulfan I

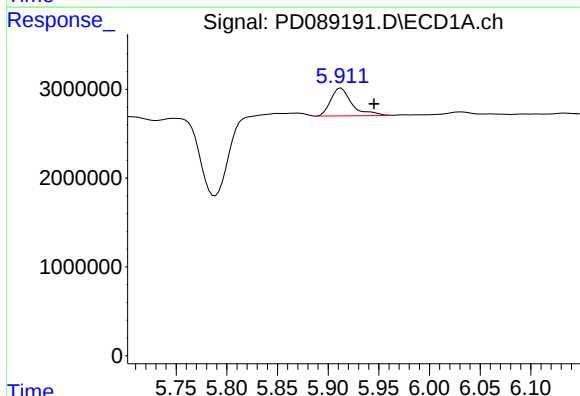
R.T.: 6.059 min
Delta R.T.: -0.015 min
Response: 76978
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



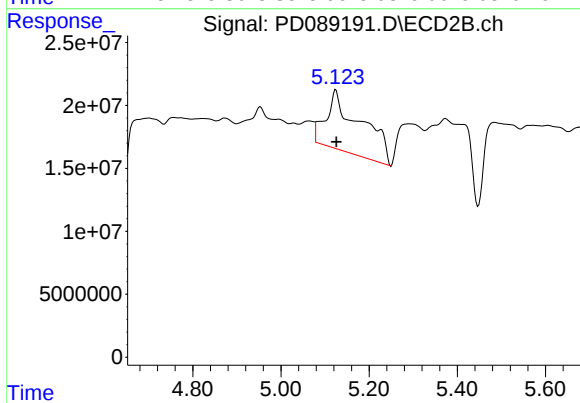
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.247 min
Response: 0
Conc: N.D.



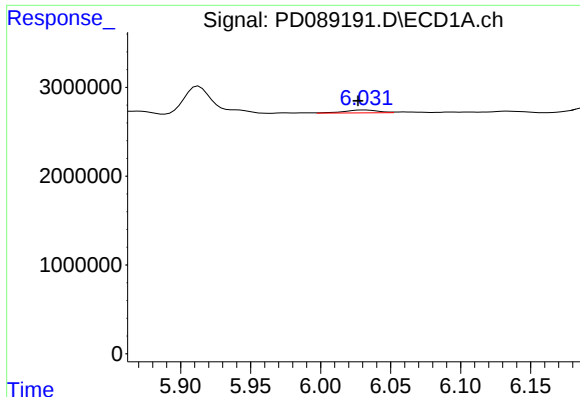
#10 gamma-Chlordane

R.T.: 5.913 min
Delta R.T.: -0.033 min
Response: 4548233
Conc: 0.95 ng/ml



#10 gamma-Chlordane

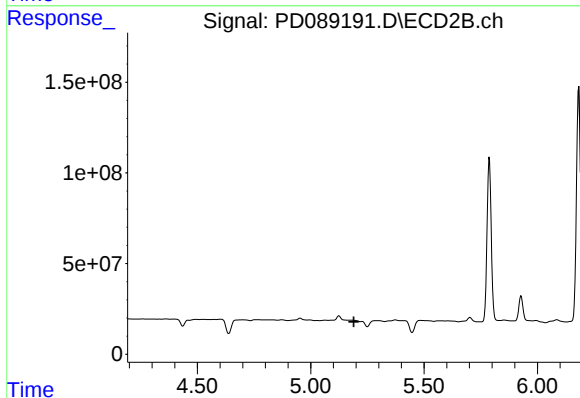
R.T.: 5.125 min
Delta R.T.: -0.001 min
Response: 263224221
Conc: 11.00 ng/ml



#11 alpha-Chlordane

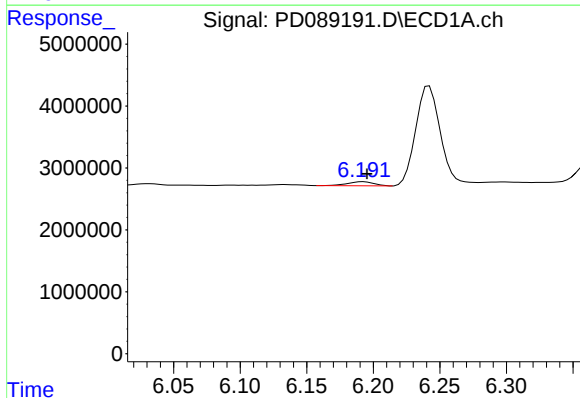
R.T.: 6.032 min
Delta R.T.: 0.005 min
Response: 542389
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



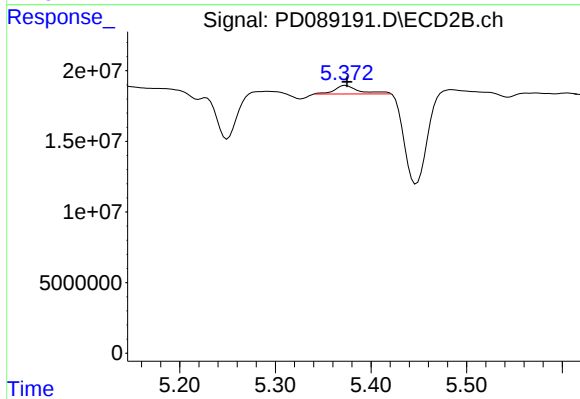
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.191 min
Response: 0
Conc: N.D.



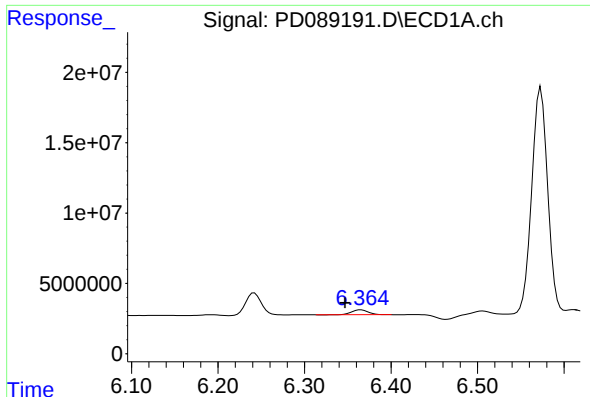
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.003 min
Response: 891697
Conc: 0.20 ng/ml



#12 4,4'-DDE

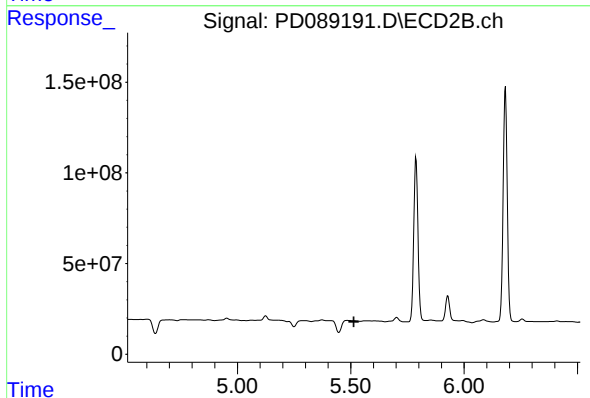
R.T.: 5.374 min
Delta R.T.: -0.001 min
Response: 10994585
Conc: 0.48 ng/ml



#13 Dieldrin

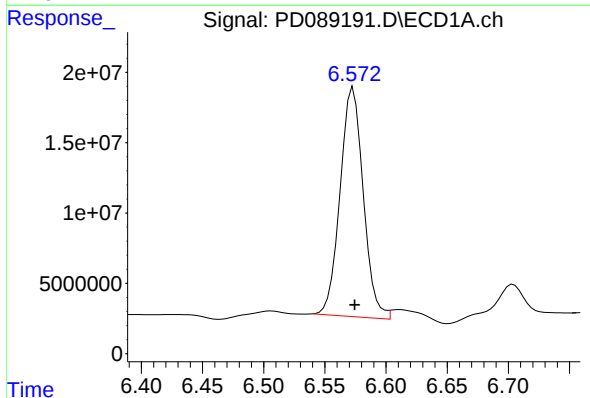
R.T.: 6.365 min
Delta R.T.: 0.018 min
Response: 4688871
Conc: 0.98 ng/ml

Instrument :
ECD_D
ClientSampleId :



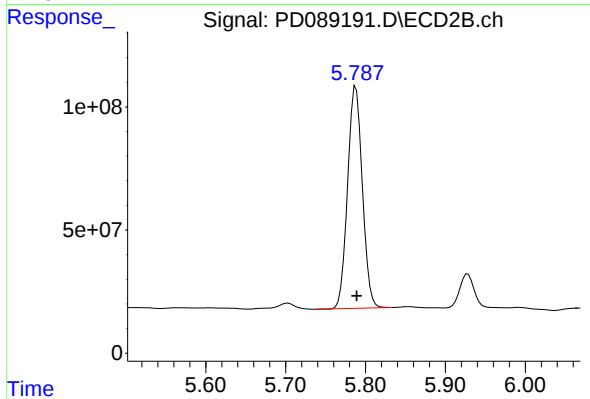
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.513 min
Response: 0
Conc: N.D.



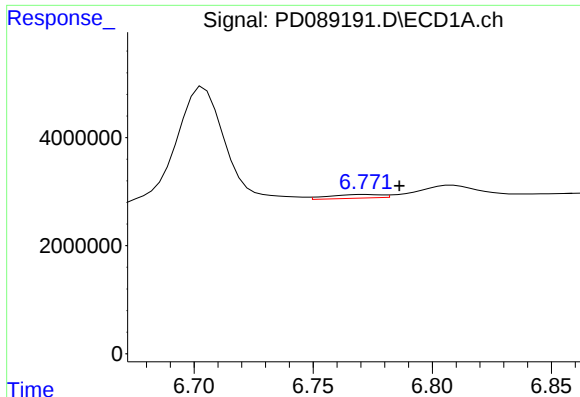
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 214641753
Conc: 52.03 ng/ml



#14 Endrin

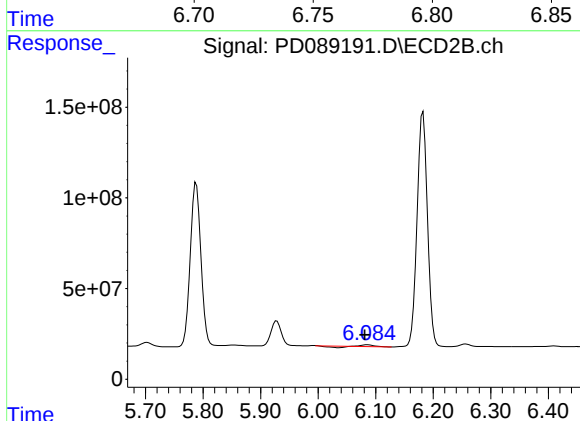
R.T.: 5.788 min
Delta R.T.: -0.001 min
Response: 1158024800
Conc: 53.33 ng/ml



#15 Endosulfan II

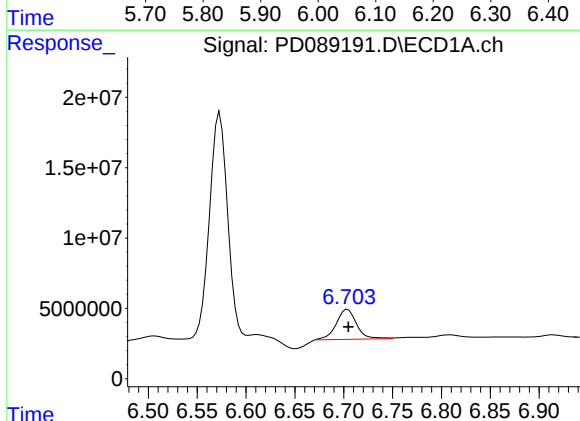
R.T.: 6.772 min
Delta R.T.: -0.014 min
Response: 1063038
Conc: 0.26 ng/ml

Instrument :
ECD_D
ClientSampleId :



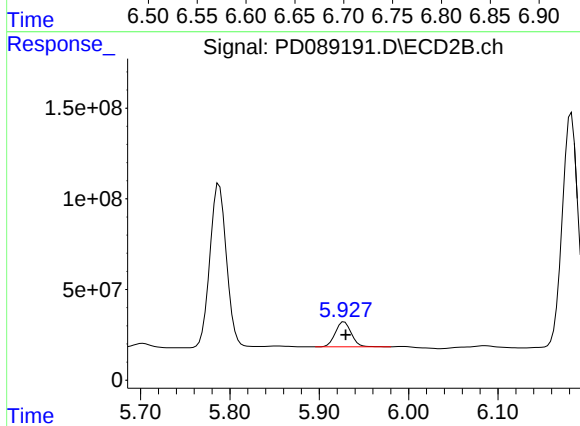
#15 Endosulfan II

R.T.: 6.085 min
Delta R.T.: 0.005 min
Response: 6536253
Conc: 0.32 ng/ml



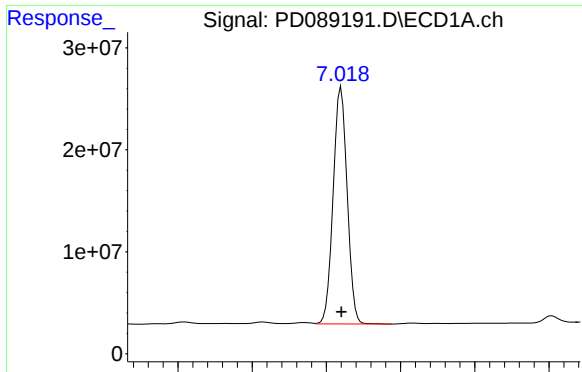
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 30759018
Conc: 8.96 ng/ml



#16 4,4'-DDD

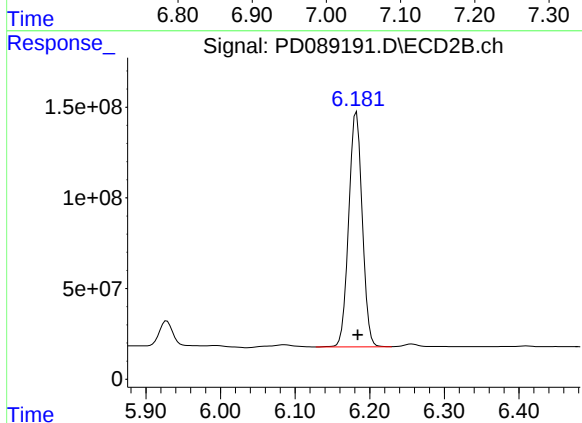
R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 171460231
Conc: 8.96 ng/ml



#17 4,4'-DDT

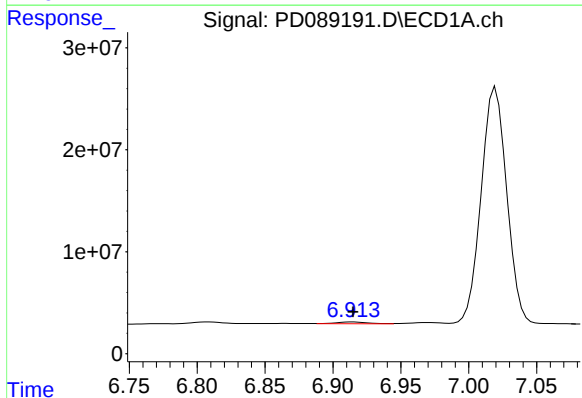
R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 305775806
Conc: 80.72 ng/ml

Instrument :
ECD_D
ClientSampleId :



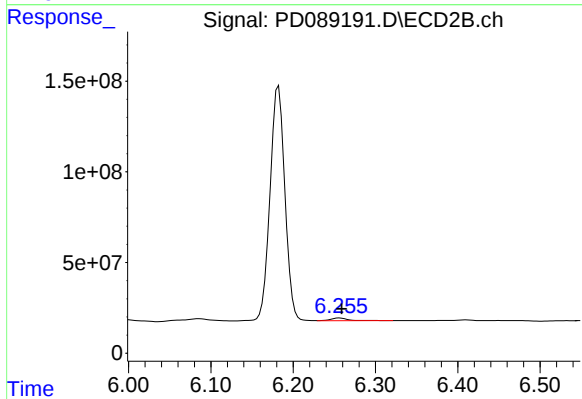
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 1629679927
Conc: 80.36 ng/ml



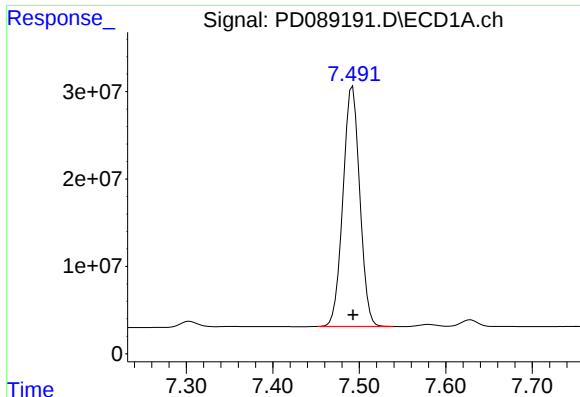
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 2685302
Conc: 0.88 ng/ml



#18 Endrin aldehyde

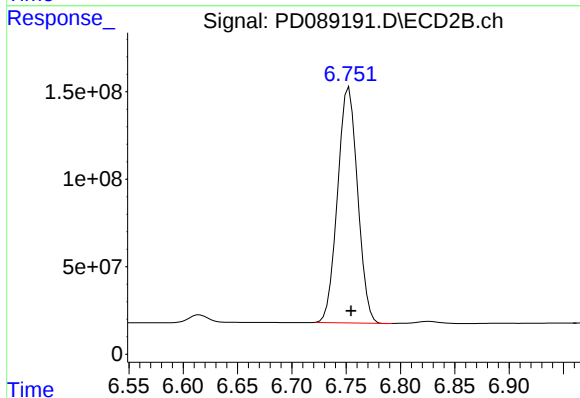
R.T.: 6.257 min
Delta R.T.: -0.003 min
Response: 21758142
Conc: 1.42 ng/ml



#20 Methoxychlor

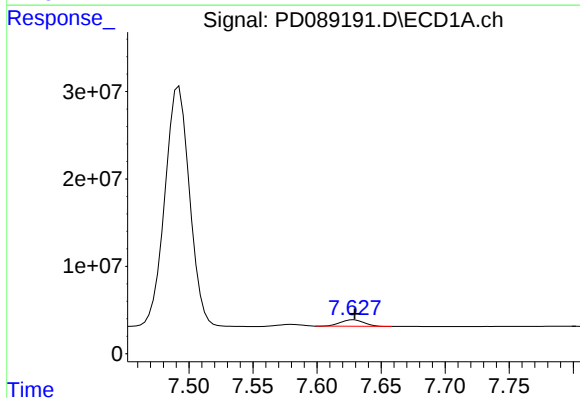
R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 368742952
Conc: 182.49 ng/ml

Instrument :
ECD_D
ClientSampleId :



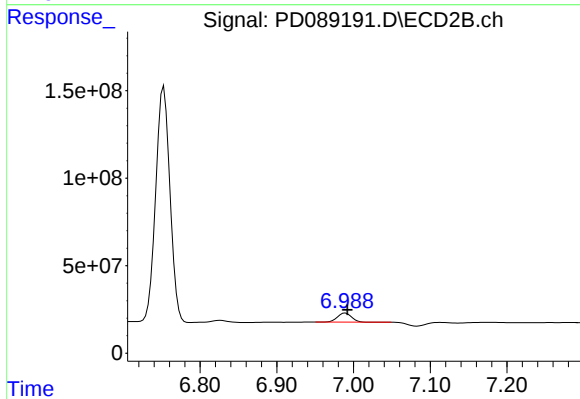
#20 Methoxychlor

R.T.: 6.753 min
Delta R.T.: -0.002 min
Response: 1729074564
Conc: 160.57 ng/ml



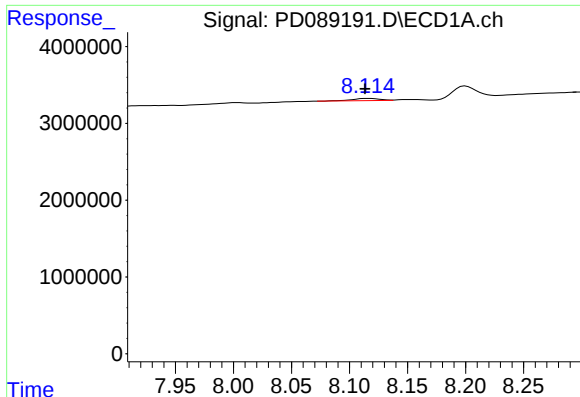
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 9349365
Conc: 2.30 ng/ml



#21 Endrin ketone

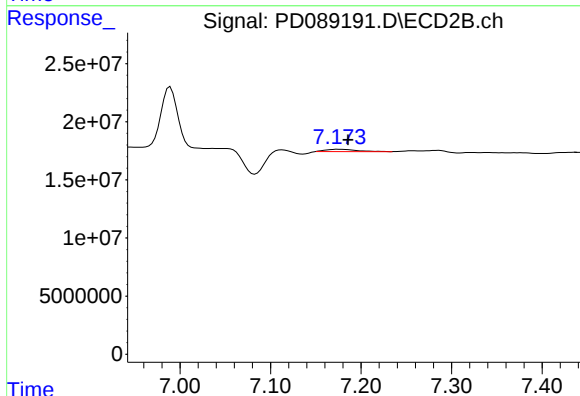
R.T.: 6.989 min
Delta R.T.: -0.003 min
Response: 66377698
Conc: 3.07 ng/ml



#22 Mirex

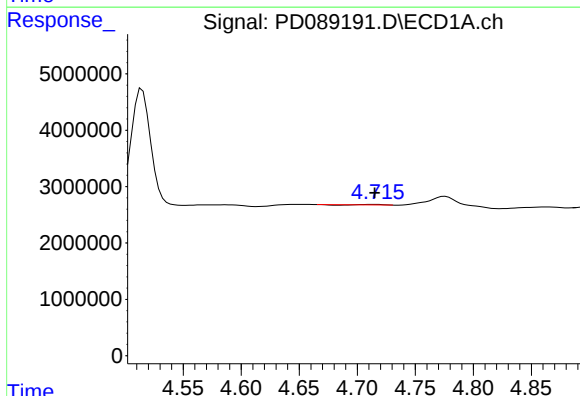
R.T.: 8.115 min
Delta R.T.: 0.002 min
Response: 491014
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



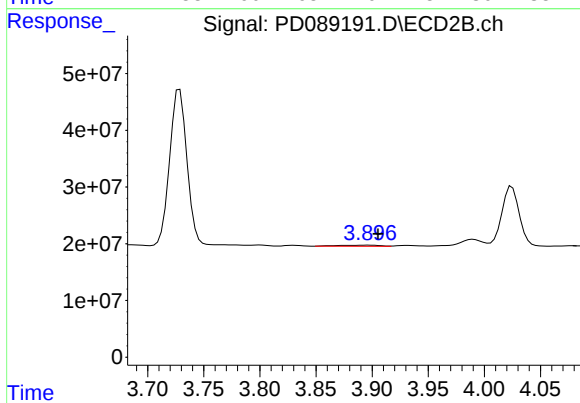
#22 Mirex

R.T.: 7.176 min
Delta R.T.: -0.010 min
Response: 4693139
Conc: 0.28 ng/ml



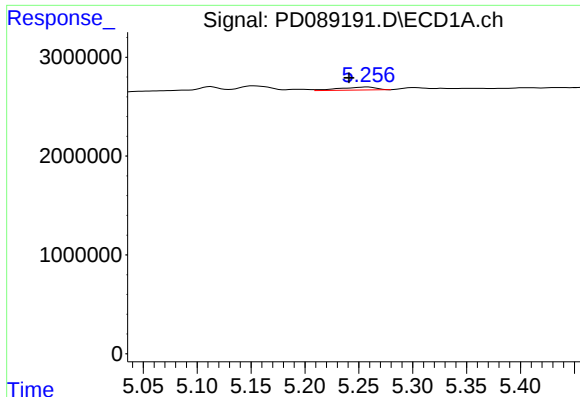
#23 Chlordane-1

R.T.: 4.717 min
Delta R.T.: 0.002 min
Response: 12665
Conc: 0.06 ng/ml



#23 Chlordane-1

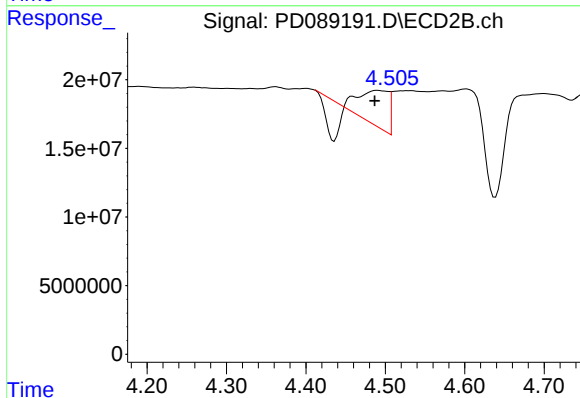
R.T.: 3.897 min
Delta R.T.: -0.008 min
Response: 4983582
Conc: 5.35 ng/ml



#24 Chlordane-2

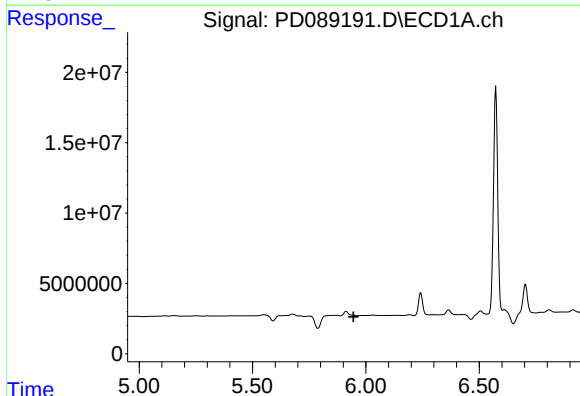
R.T.: 5.258 min
Delta R.T.: 0.017 min
Response: 728384
Conc: 3.34 ng/ml

Instrument :
ECD_D
ClientSampleId :



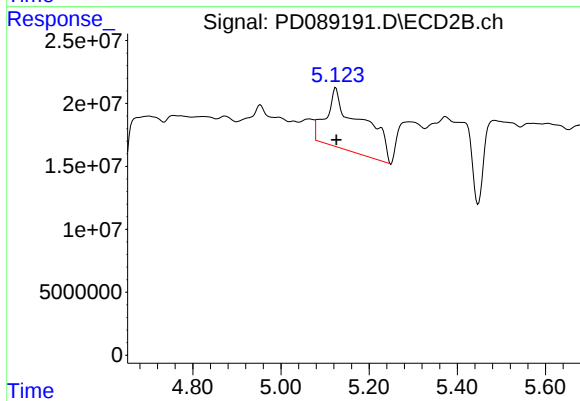
#24 Chlordane-2

R.T.: 4.491 min
Delta R.T.: 0.004 min
Response: 38232338
Conc: 40.18 ng/ml



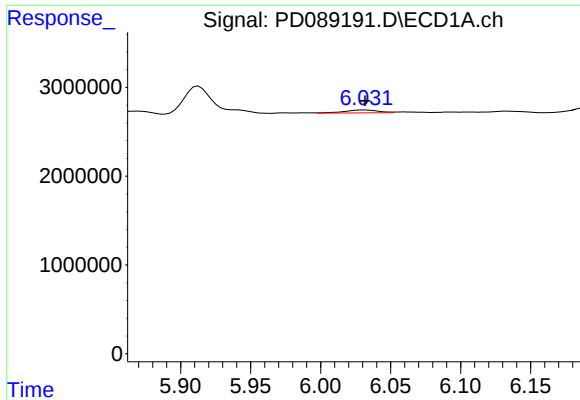
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 5.946 min
Response: 0
Conc: N.D.



#25 Chlordane-3

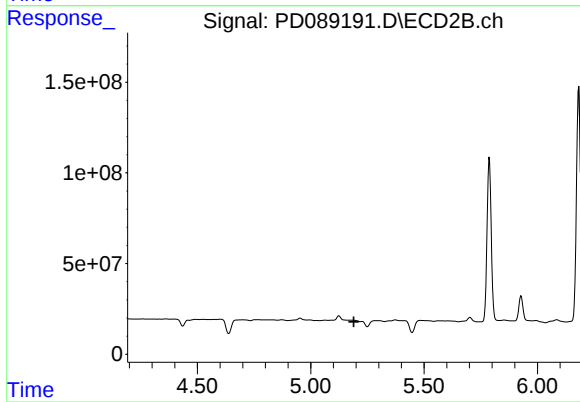
R.T.: 5.125 min
Delta R.T.: -0.001 min
Response: 263224221
Conc: 88.62 ng/ml



#26 Chlordane-4

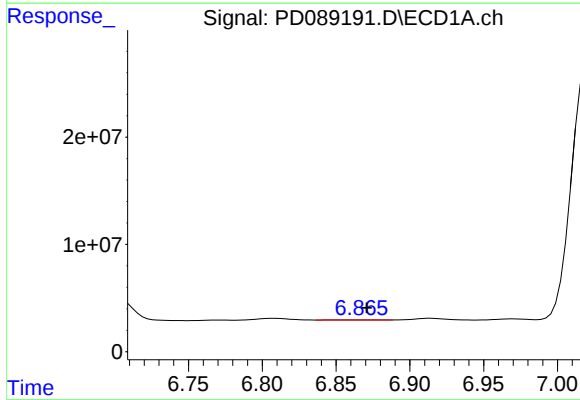
R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 542389
Conc: 0.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



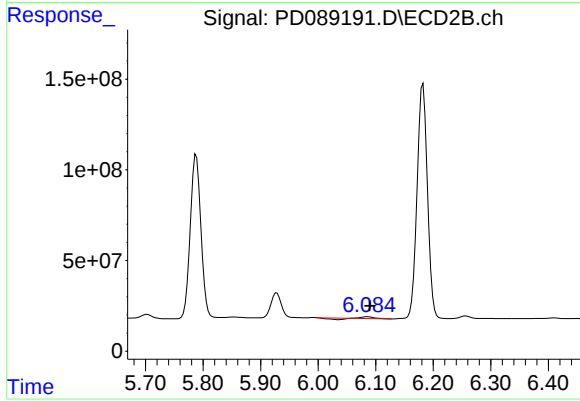
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.190 min
Response: 0
Conc: N.D.



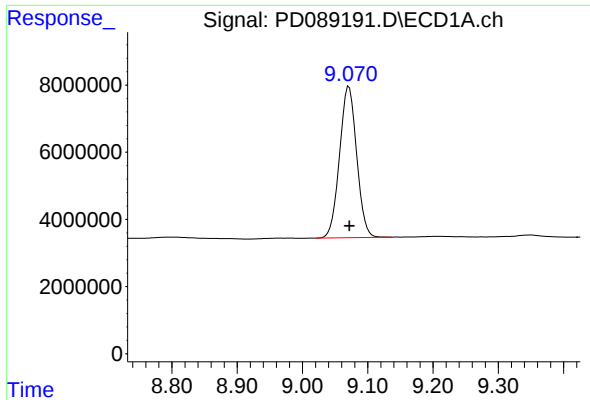
#27 Chlordane-5

R.T.: 6.866 min
Delta R.T.: -0.005 min
Response: 381843
Conc: 2.09 ng/ml



#27 Chlordane-5

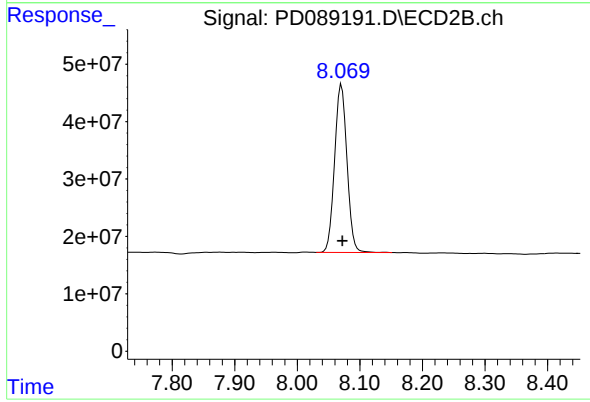
R.T.: 6.085 min
Delta R.T.: -0.004 min
Response: 6536253
Conc: 5.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 82146873
Conc: 20.92 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: -0.002 min
Response: 403811725
Conc: 20.43 ng/ml