

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081125\
 Data File : PD089832.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2025 11:19
 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: Aug 11 13:23:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 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...	3.552	2.877	51947936	399.2E6	21.061	25.204
28)	SA Decachlor...	9.072	8.066	71162207	439.0E6	19.149	21.867
Target Compounds							
2)	A alpha-BHC	4.001	3.389	49956932	334.1E6	10.085	13.747 #
3)	MA gamma-BHC...	4.332	3.725	49221377	304.6E6	10.357	13.525 #
4)	MA Heptachlor	0.000	4.078	0	1618201	N.D.	0.070 #
5)	MB Aldrin	5.257	4.362	312578	902901	0.068	0.041 #
6)	B beta-BHC	4.519	4.021	21501226	132.9E6	11.656	13.769
7)	B delta-BHC	4.776	4.259	815781	1563562	0.178	0.069 #
8)	B Heptachlo...	5.684	4.875	4731434	3075364	1.132	0.150 #
10)	B gamma-Chl...	5.946	5.122	350891	24225304	0.084	1.119 #
11)	B alpha-Chl...	6.035	5.185	564613	28853673	0.134	1.386 #
12)	B 4,4'-DDE	6.197	5.371	560018	6969186	0.150	0.330 #
13)	MA Dieldrin	6.368f	5.511	841947	715052	0.199	0.033 #
14)	MA Endrin	6.576	5.785	167.4E6	1124.3E6	46.782	56.424
15)	B Endosulfa...	6.772	6.082	1596648	9999535	0.435	0.532
16)	A 4,4'-DDD	6.706	5.925	17786312	113.5E6	5.939	6.435
17)	MA 4,4'-DDT	7.023	6.179	290.7E6	1999.0E6	86.522	108.804 #
18)	B Endrin al...	6.917	6.254	2708420	26100116	1.085	2.020 #
19)	B Endosulfa...	0.000	6.456f	0	2608762	N.D.	0.141 #
20)	A Methoxychlor	7.494	6.749	356.6E6	2083.9E6	199.427	212.746
21)	B Endrin ke...	7.631	6.986	7981963	77288740	2.149	3.851 #
22)	Mirex	8.120	7.171	93008	3529879	0.033	0.232 #
23)	Chlordane-1	0.000	3.897	0	1690302	N.D.	2.311 #
24)	Chlordane-2	5.257	4.483	312578	8446264	1.840	11.050 #
25)	Chlordane-3	5.946	5.122	350891	24225304	0.512	10.468 #
26)	Chlordane-4	6.035	5.185	564613	28853673	0.674	14.503 #
27)	Chlordane-5	0.000	6.082	0	9999535	N.D.	11.053 #

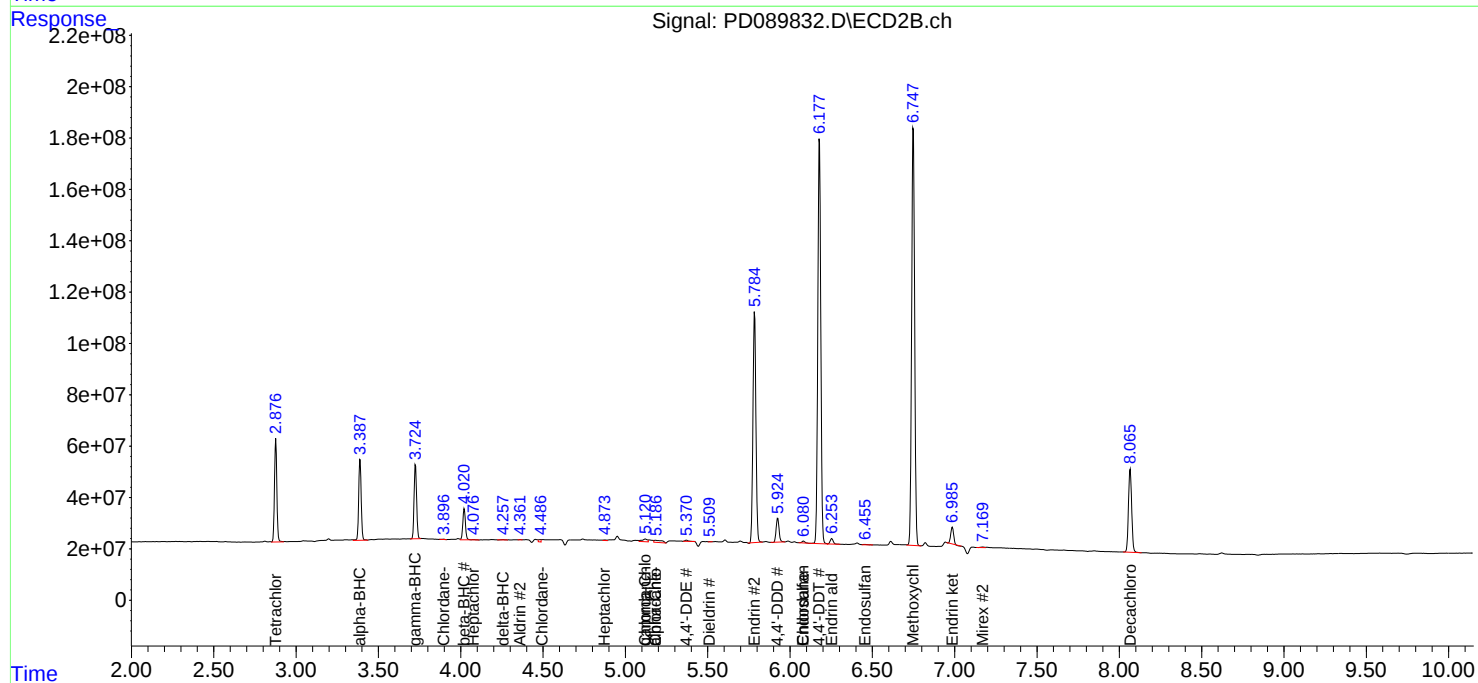
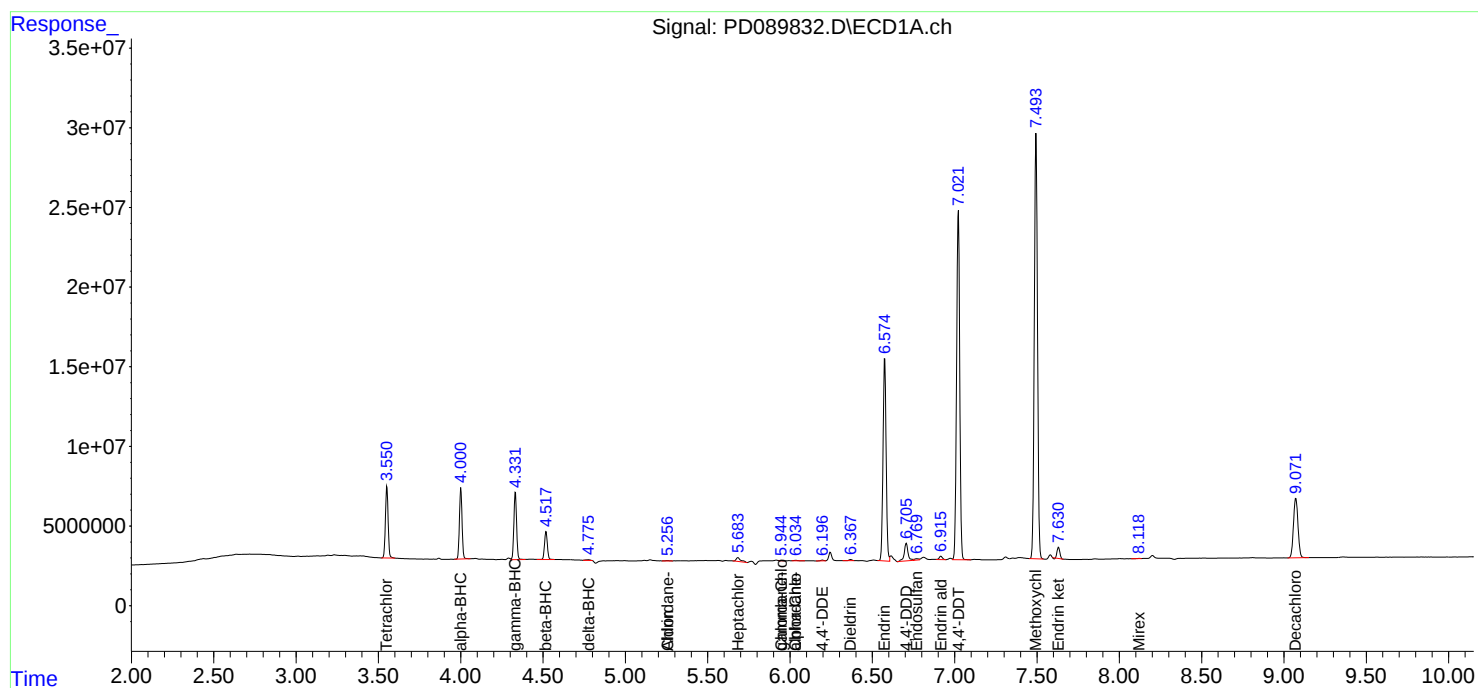
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

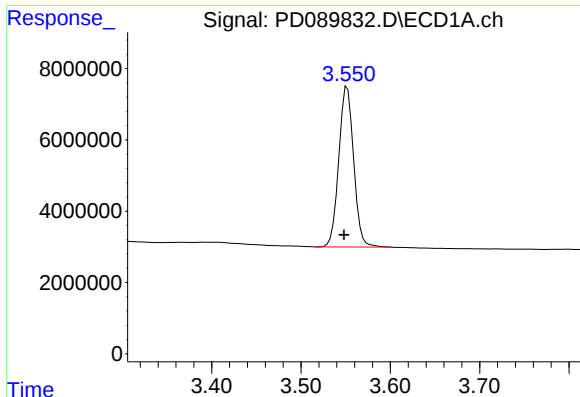
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081125\
Data File : PD089832.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Aug 2025 11:19
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:23:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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

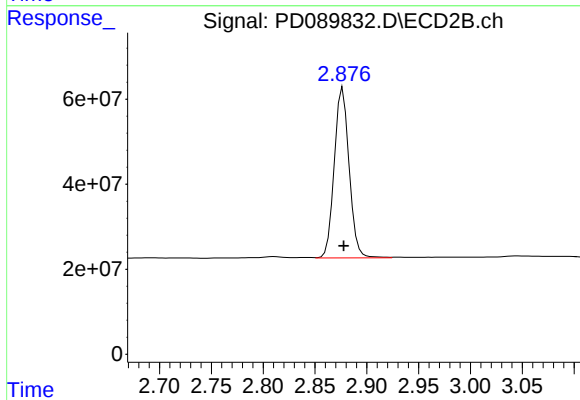




#1 Tetrachloro-m-xylene

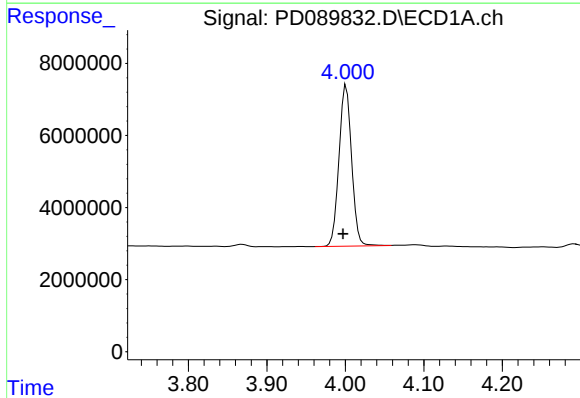
R.T.: 3.552 min
Delta R.T.: 0.004 min
Response: 51947936
Conc: 21.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



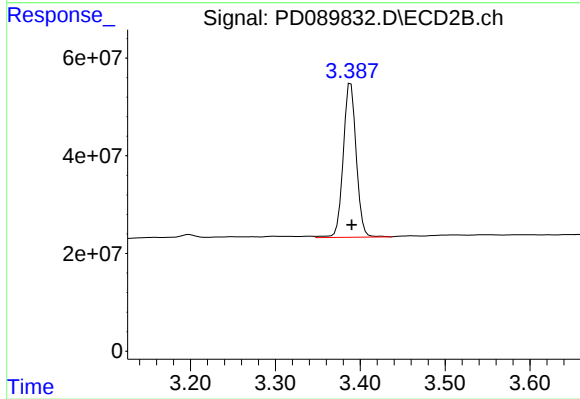
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 399175806
Conc: 25.20 ng/ml



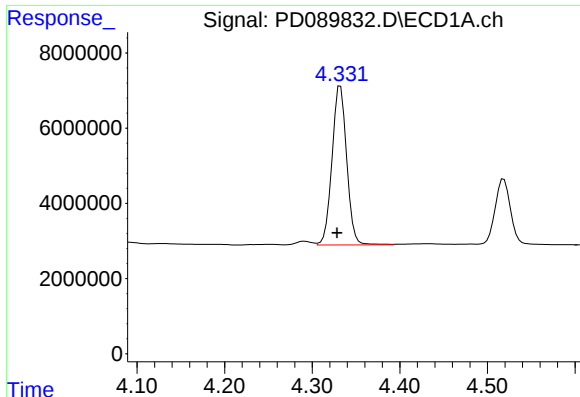
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.004 min
Response: 49956932
Conc: 10.09 ng/ml



#2 alpha-BHC

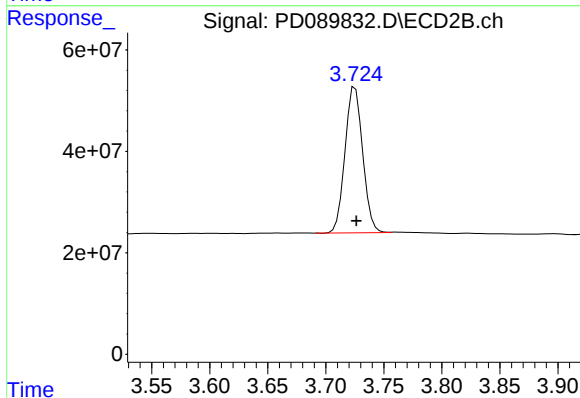
R.T.: 3.389 min
Delta R.T.: -0.001 min
Response: 334126958
Conc: 13.75 ng/ml



#3 gamma-BHC (Lindane)

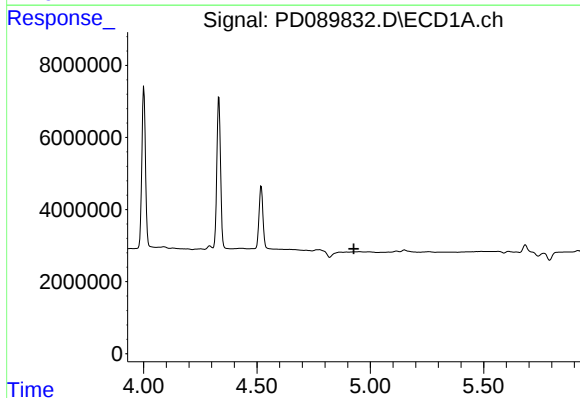
R.T.: 4.332 min
Delta R.T.: 0.004 min
Response: 49221377
Conc: 10.36 ng/ml

Instrument :
ECD_D
ClientSampleId :



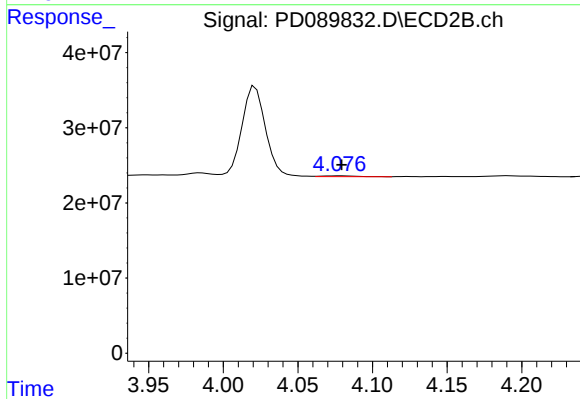
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: -0.001 min
Response: 304638580
Conc: 13.53 ng/ml



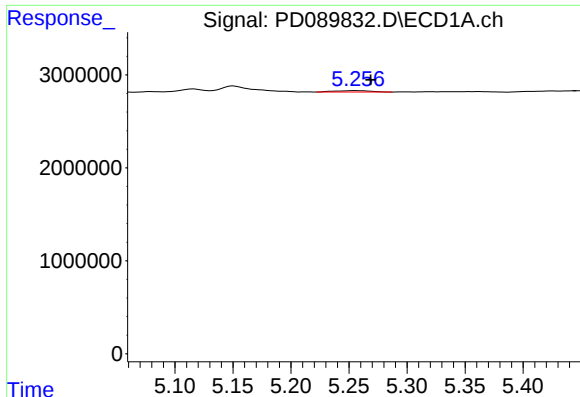
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.927 min
Response: 0
Conc: N.D.



#4 Heptachlor

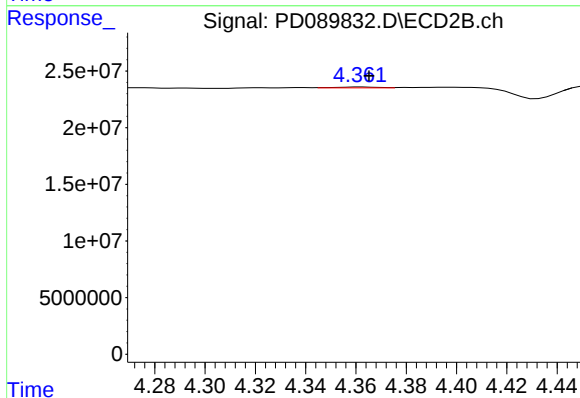
R.T.: 4.078 min
Delta R.T.: -0.002 min
Response: 1618201
Conc: 0.07 ng/ml



#5 Aldrin

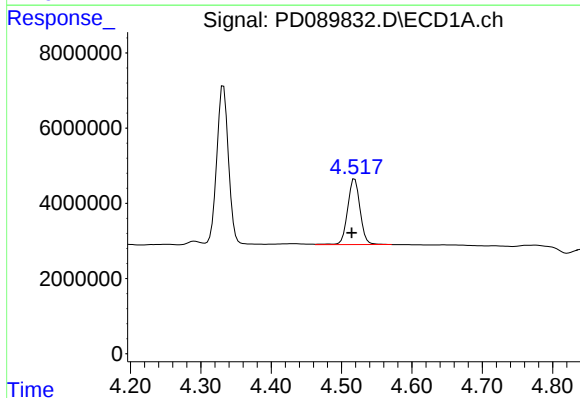
R.T.: 5.257 min
Delta R.T.: -0.012 min
Response: 312578
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



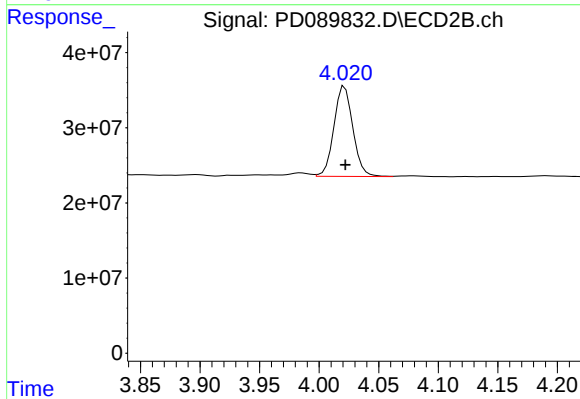
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.003 min
Response: 902901
Conc: 0.04 ng/ml



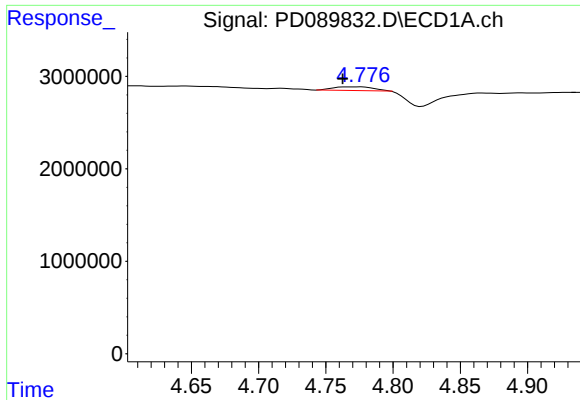
#6 beta-BHC

R.T.: 4.519 min
Delta R.T.: 0.004 min
Response: 21501226
Conc: 11.66 ng/ml



#6 beta-BHC

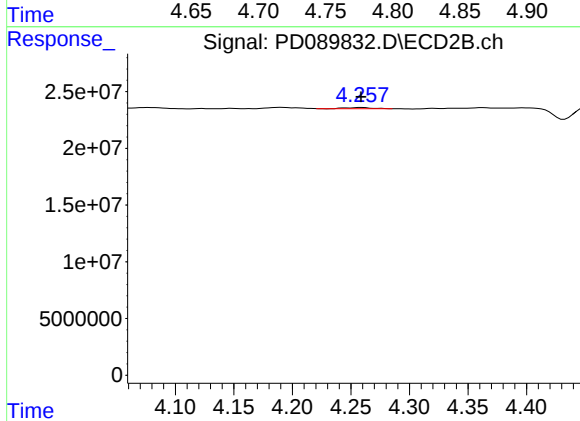
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 132857955
Conc: 13.77 ng/ml



#7 delta-BHC

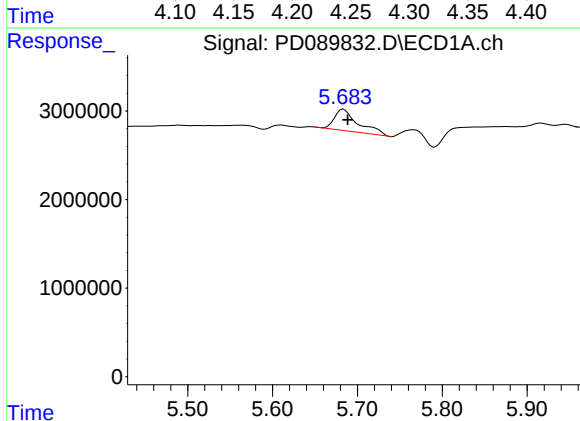
R.T.: 4.776 min
Delta R.T.: 0.013 min
Response: 815781
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



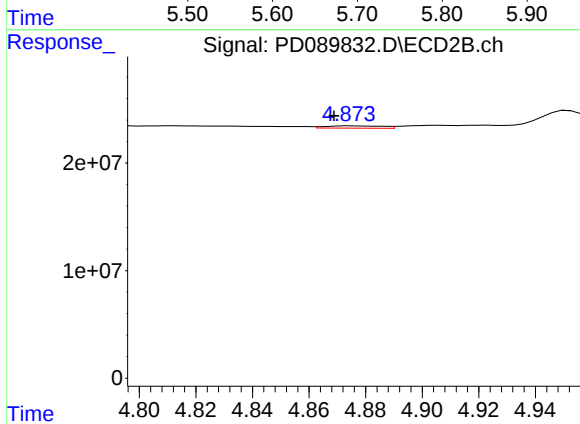
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 1563562
Conc: 0.07 ng/ml



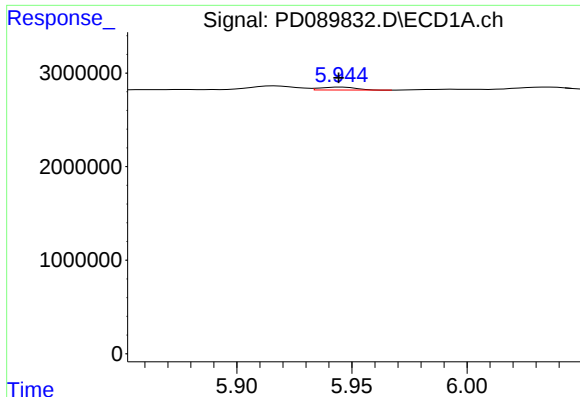
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.005 min
Response: 4731434
Conc: 1.13 ng/ml



#8 Heptachlor epoxide

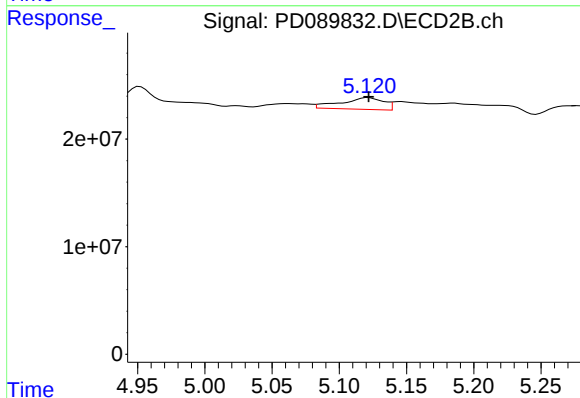
R.T.: 4.875 min
Delta R.T.: 0.006 min
Response: 3075364
Conc: 0.15 ng/ml



#10 gamma-Chlordane

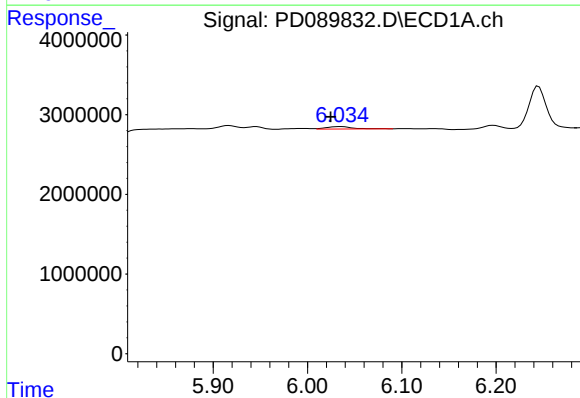
R.T.: 5.946 min
Delta R.T.: 0.001 min
Response: 350891
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



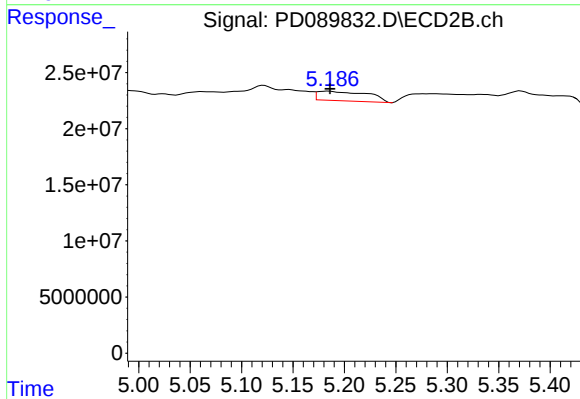
#10 gamma-Chlordane

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 24225304
Conc: 1.12 ng/ml



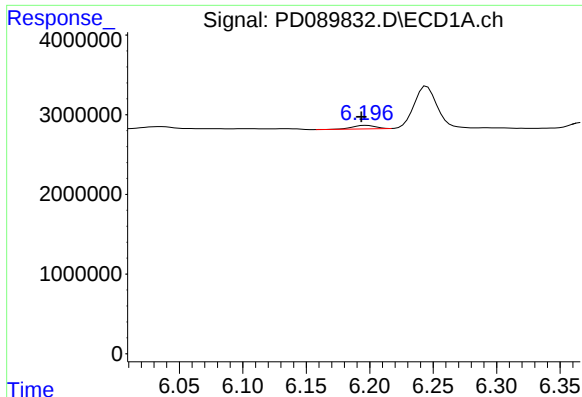
#11 alpha-Chlordane

R.T.: 6.035 min
Delta R.T.: 0.011 min
Response: 564613
Conc: 0.13 ng/ml



#11 alpha-Chlordane

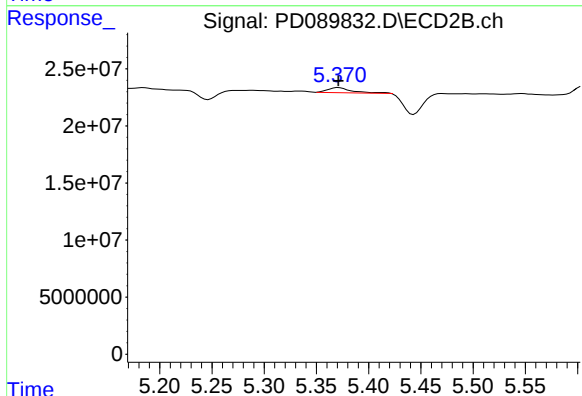
R.T.: 5.185 min
Delta R.T.: -0.001 min
Response: 28853673
Conc: 1.39 ng/ml



#12 4,4'-DDE

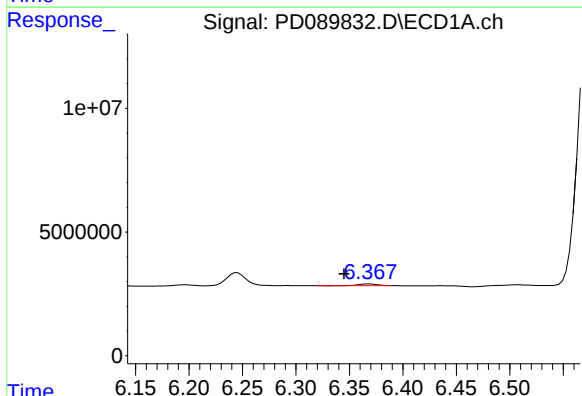
R.T.: 6.197 min
Delta R.T.: 0.003 min
Response: 560018
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



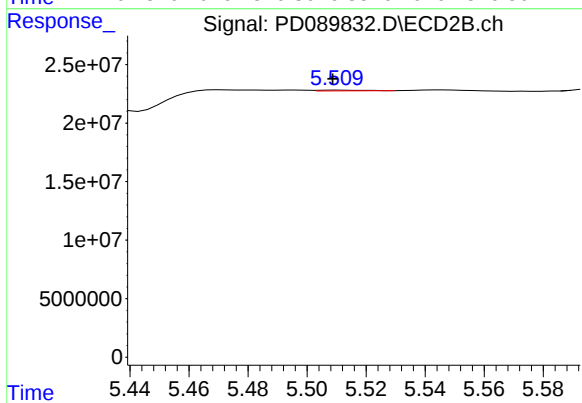
#12 4,4'-DDE

R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 6969186
Conc: 0.33 ng/ml



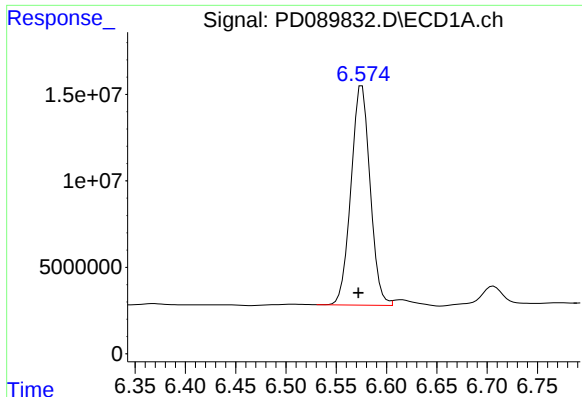
#13 Dieldrin

R.T.: 6.368 min
Delta R.T.: 0.023 min
Response: 841947
Conc: 0.20 ng/ml



#13 Dieldrin

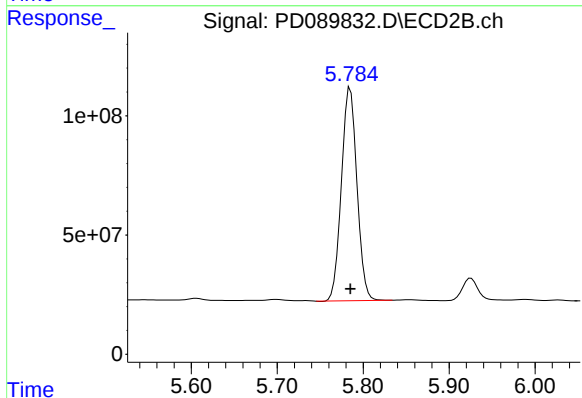
R.T.: 5.511 min
Delta R.T.: 0.002 min
Response: 715052
Conc: 0.03 ng/ml



#14 Endrin

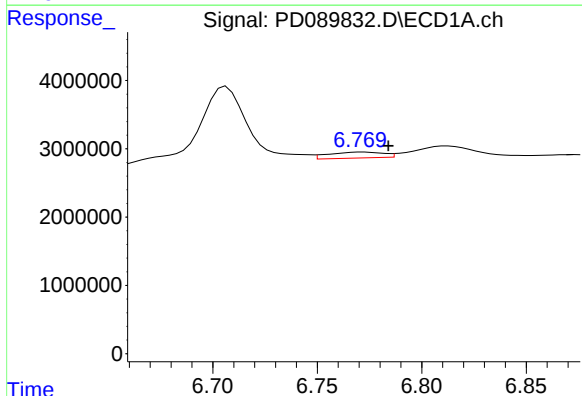
R.T.: 6.576 min
Delta R.T.: 0.003 min
Response: 167371595
Conc: 46.78 ng/ml

Instrument :
ECD_D
ClientSampleId :



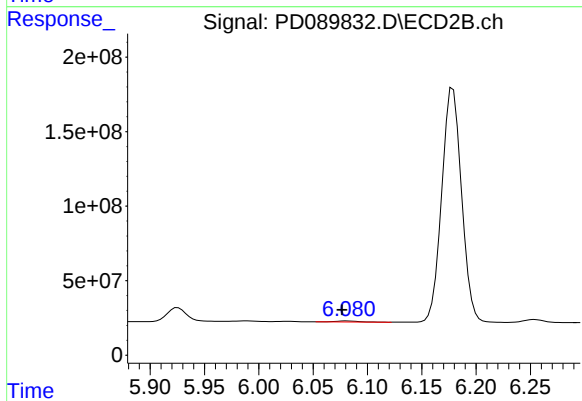
#14 Endrin

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 1124265108
Conc: 56.42 ng/ml



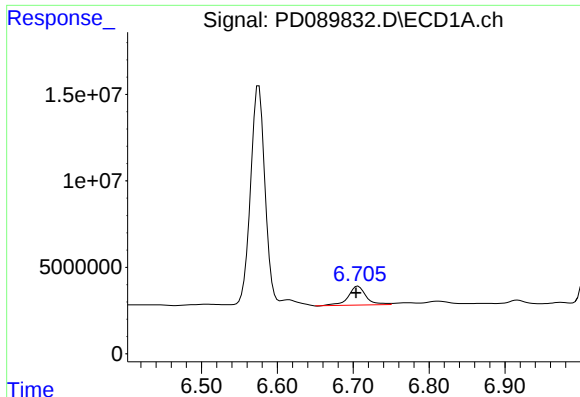
#15 Endosulfan II

R.T.: 6.772 min
Delta R.T.: -0.012 min
Response: 1596648
Conc: 0.44 ng/ml



#15 Endosulfan II

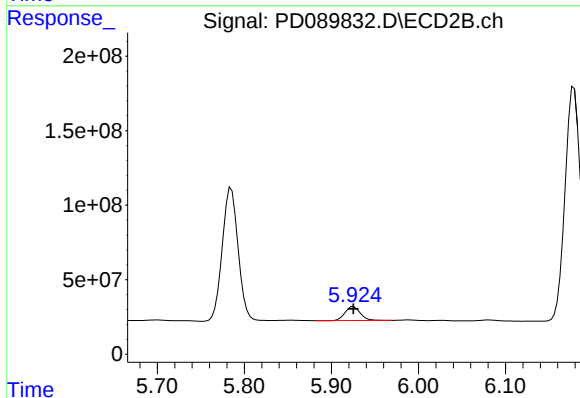
R.T.: 6.082 min
Delta R.T.: 0.005 min
Response: 9999535
Conc: 0.53 ng/ml



#16 4,4'-DDD

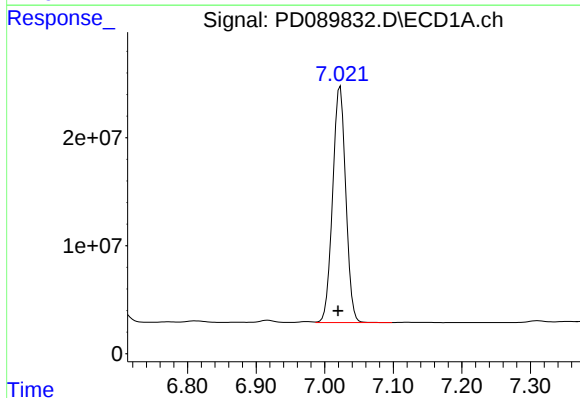
R.T.: 6.706 min
Delta R.T.: 0.003 min
Response: 17786312
Conc: 5.94 ng/ml

Instrument :
ECD_D
ClientSampleId :



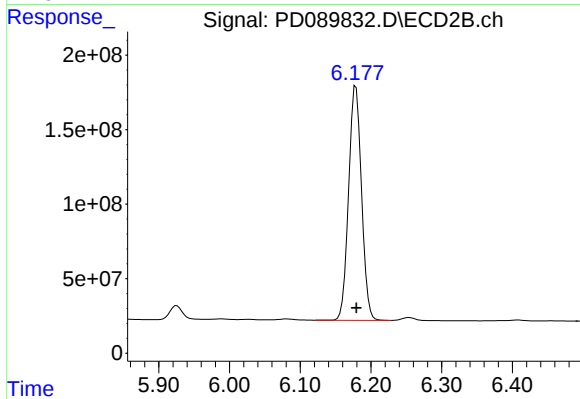
#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 113463073
Conc: 6.43 ng/ml



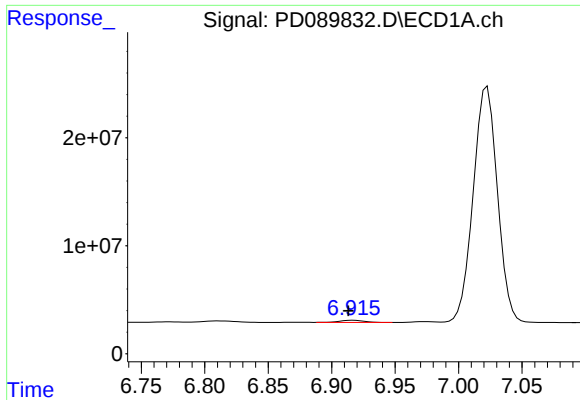
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.003 min
Response: 290734604
Conc: 86.52 ng/ml



#17 4,4'-DDT

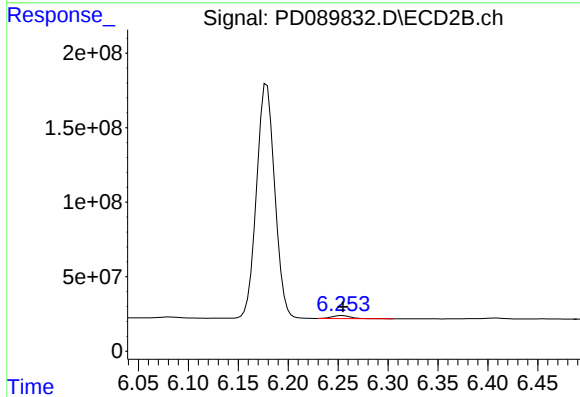
R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 1999016084
Conc: 108.80 ng/ml



#18 Endrin aldehyde

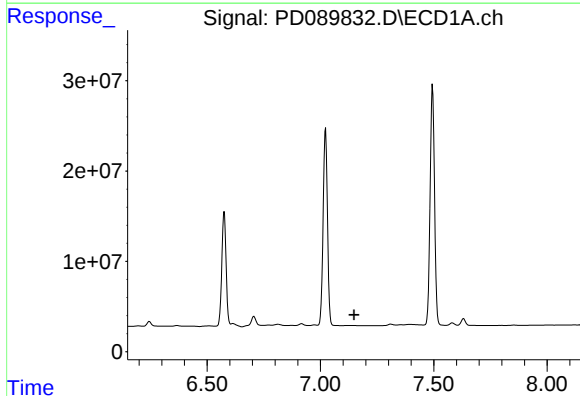
R.T.: 6.917 min
Delta R.T.: 0.004 min
Response: 2708420
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :



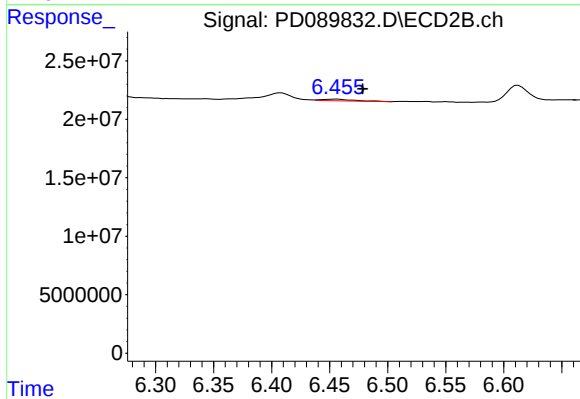
#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: -0.001 min
Response: 26100116
Conc: 2.02 ng/ml



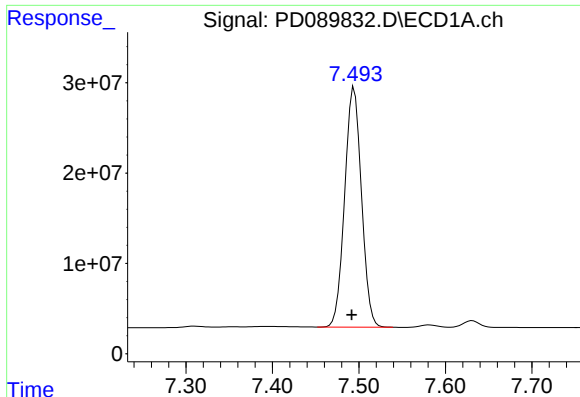
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.148 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

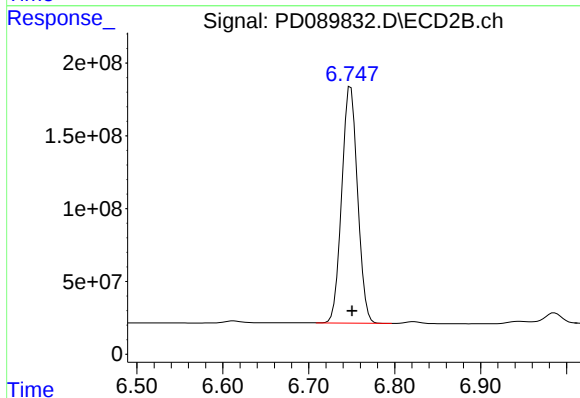
R.T.: 6.456 min
Delta R.T.: -0.023 min
Response: 2608762
Conc: 0.14 ng/ml



#20 Methoxychlor

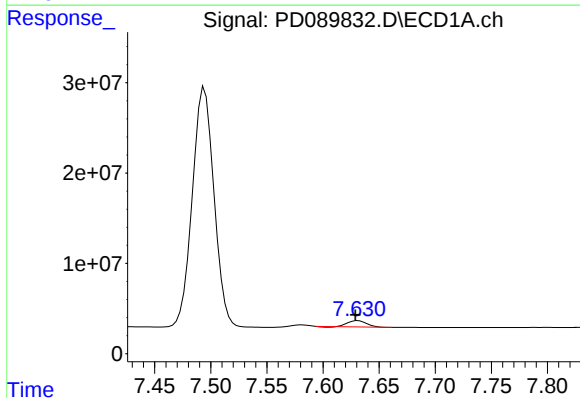
R.T.: 7.494 min
Delta R.T.: 0.003 min
Response: 356569873
Conc: 199.43 ng/ml

Instrument :
ECD_D
ClientSampleId :



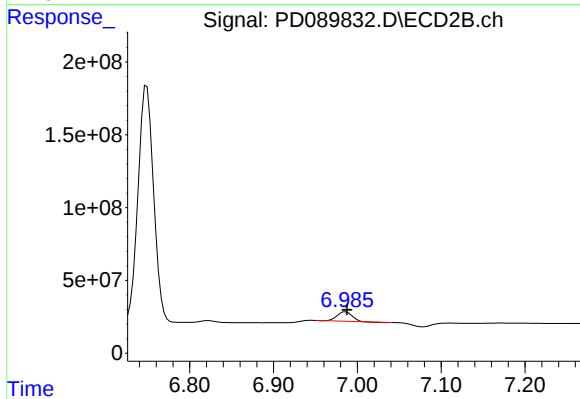
#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: -0.002 min
Response: 2083949482
Conc: 212.75 ng/ml



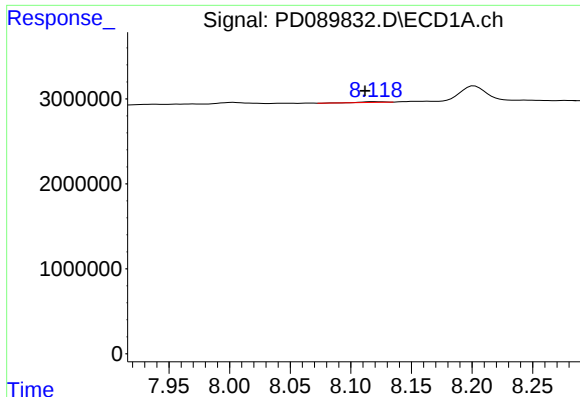
#21 Endrin ketone

R.T.: 7.631 min
Delta R.T.: 0.002 min
Response: 7981963
Conc: 2.15 ng/ml



#21 Endrin ketone

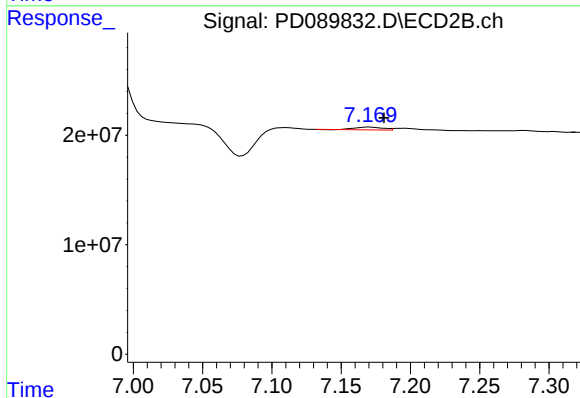
R.T.: 6.986 min
Delta R.T.: -0.002 min
Response: 77288740
Conc: 3.85 ng/ml



#22 Mirex

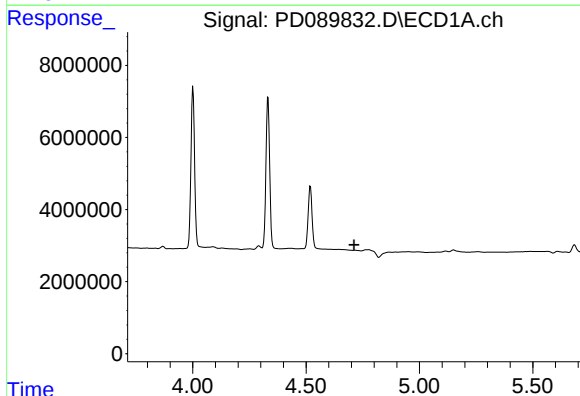
R.T.: 8.120 min
Delta R.T.: 0.008 min
Response: 93008
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



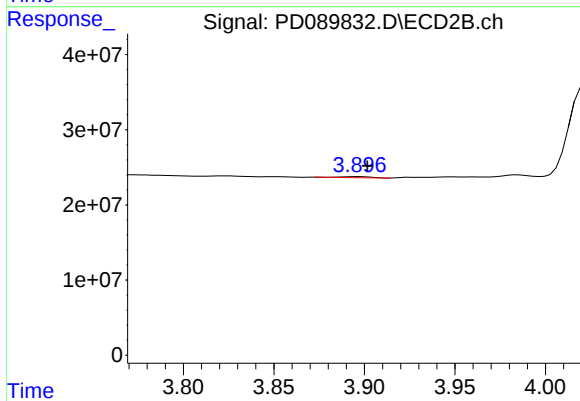
#22 Mirex

R.T.: 7.171 min
Delta R.T.: -0.011 min
Response: 3529879
Conc: 0.23 ng/ml



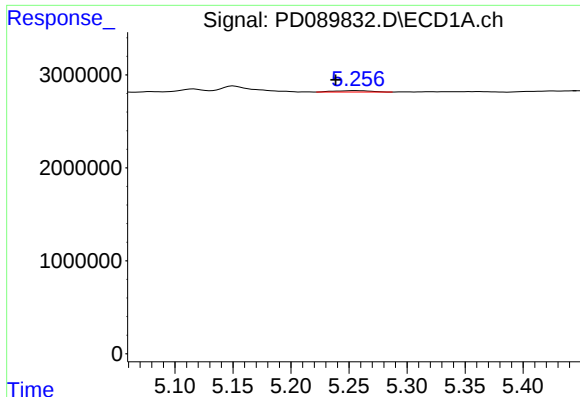
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.712 min
Response: 0
Conc: N.D.



#23 Chlordane-1

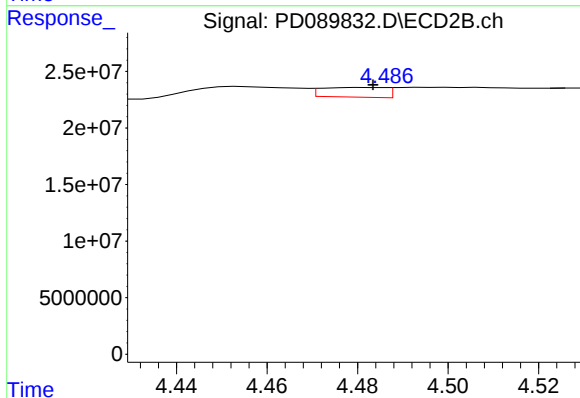
R.T.: 3.897 min
Delta R.T.: -0.004 min
Response: 1690302
Conc: 2.31 ng/ml



#24 Chlordane-2

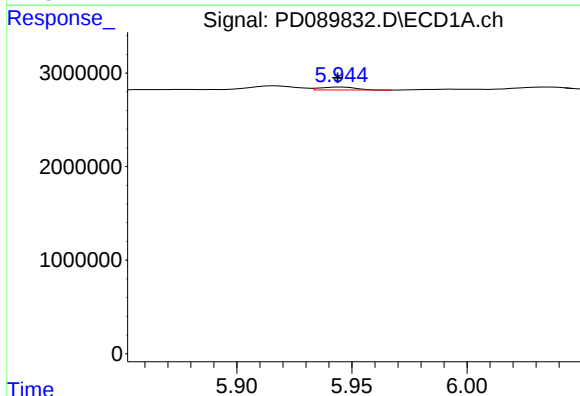
R.T.: 5.257 min
Delta R.T.: 0.019 min
Response: 312578
Conc: 1.84 ng/ml

Instrument :
ECD_D
ClientSampleId :



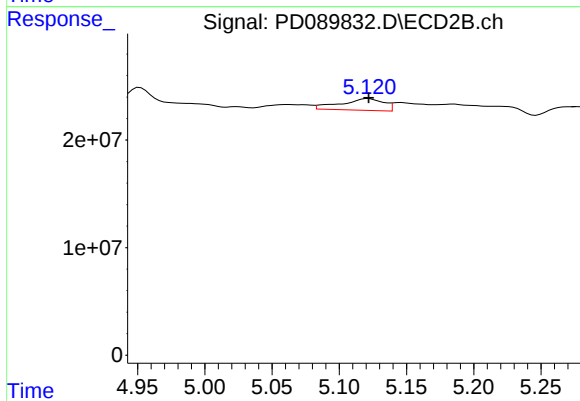
#24 Chlordane-2

R.T.: 4.483 min
Delta R.T.: 0.000 min
Response: 8446264
Conc: 11.05 ng/ml



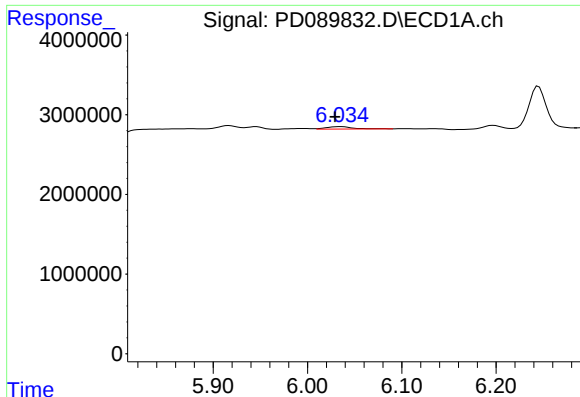
#25 Chlordane-3

R.T.: 5.946 min
Delta R.T.: 0.002 min
Response: 350891
Conc: 0.51 ng/ml



#25 Chlordane-3

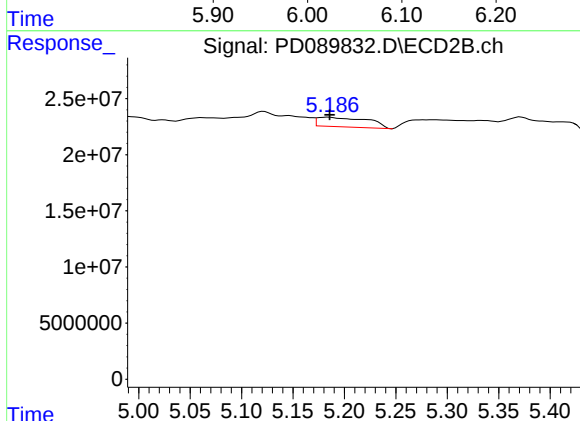
R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 24225304
Conc: 10.47 ng/ml



#26 Chlordane-4

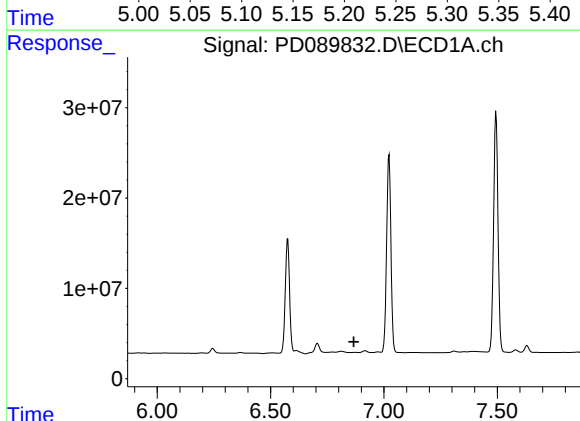
R.T.: 6.035 min
Delta R.T.: 0.006 min
Response: 564613
Conc: 0.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



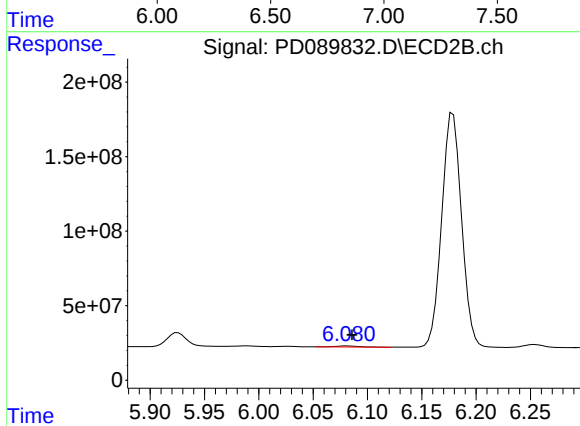
#26 Chlordane-4

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 28853673
Conc: 14.50 ng/ml



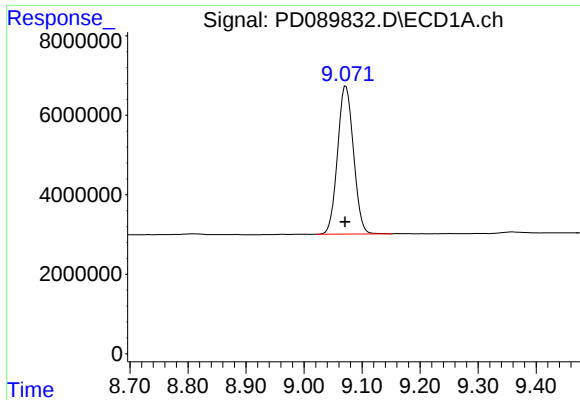
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.868 min
Response: 0
Conc: N.D.



#27 Chlordane-5

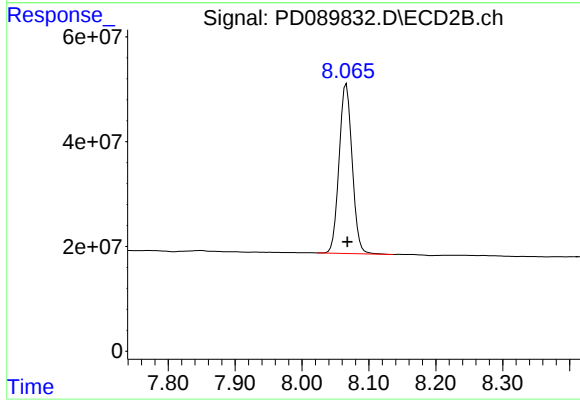
R.T.: 6.082 min
Delta R.T.: -0.004 min
Response: 9999535
Conc: 11.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.002 min
Response: 71162207
Conc: 19.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: -0.002 min
Response: 439040628
Conc: 21.87 ng/ml