

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071125\
 Data File : PD089455.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2025 13:28
 Operator : AR\AJ
 Sample : Q2559-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 500-3B CONCRETE CHIP

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 22:51:00 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	2.881	29454426	183.4E6	10.324	10.820
28)	SA Decachlor...	9.072	8.069	71223081	354.1E6	18.134	17.912
Target Compounds							
2)	A alpha-BHC	3.986	3.410f	331624	31186278	0.057	1.164 #
3)	MA gamma-BHC...	4.356f	3.734	347986	1373336	0.062	0.055
4)	MA Heptachlor	4.944	4.101f	1356170	7792682	0.249	0.311 #
5)	MB Aldrin	5.257	4.381	271138	7593877	0.051	0.314 #
6)	B beta-BHC	4.528	4.038	28803	8123073	0.013	0.756 #
7)	B delta-BHC	4.776	4.235f	1979516	7724638	0.386	0.311
8)	B Heptachlo...	0.000	4.866	0	9993576	N.D.	0.456 #
9)	A Endosulfan I	6.106f	5.266f	374407	2434524	0.083	0.117 #
10)	B gamma-Chl...	5.927f	0.000	72585	0	0.015	N.D. #
11)	B alpha-Chl...	6.027	5.186	911303	7987967	0.188	0.349 #
12)	B 4,4'-DDE	0.000	5.397f	0	112.0E6	N.D.	4.886 #
13)	MA Dieldrin	0.000	5.513	0	1118251	N.D.	0.048 #
14)	MA Endrin	0.000	5.792	0	4999632	N.D.	0.230 #
15)	B Endosulfa...	6.782	6.099f	311331	6908258	0.077	0.342 #
16)	A 4,4'-DDD	6.702	0.000	407606	0	0.119	N.D. #
17)	MA 4,4'-DDT	6.988f	6.208f	135544	21022043	0.036	1.037 #
18)	B Endrin al...	6.943f	6.254	709487	7397318	0.232	0.483 #
19)	B Endosulfa...	7.133f	6.488	1917946	1147269	0.500	0.058 #
20)	A Methoxychlor	0.000	6.767	0	1162500	N.D.	0.108 #
21)	B Endrin ke...	7.614f	6.971f	563814	2752045	0.138	0.127
22)	Mirex	0.000	7.198	0	4640614	N.D.	0.278 #
23)	Chlordane-1	4.709	3.912	4287122	6803592	20.031	7.298 #
24)	Chlordane-2	5.257	4.479	271138	8205561	1.242	8.623 #
25)	Chlordane-3	5.927	5.159f	72585	12978363	0.084	4.370 #
26)	Chlordane-4	6.027	5.186	911303	7987967	0.867	3.187 #
27)	Chlordane-5	6.855	6.099	97226	6908258	0.532	6.105 #

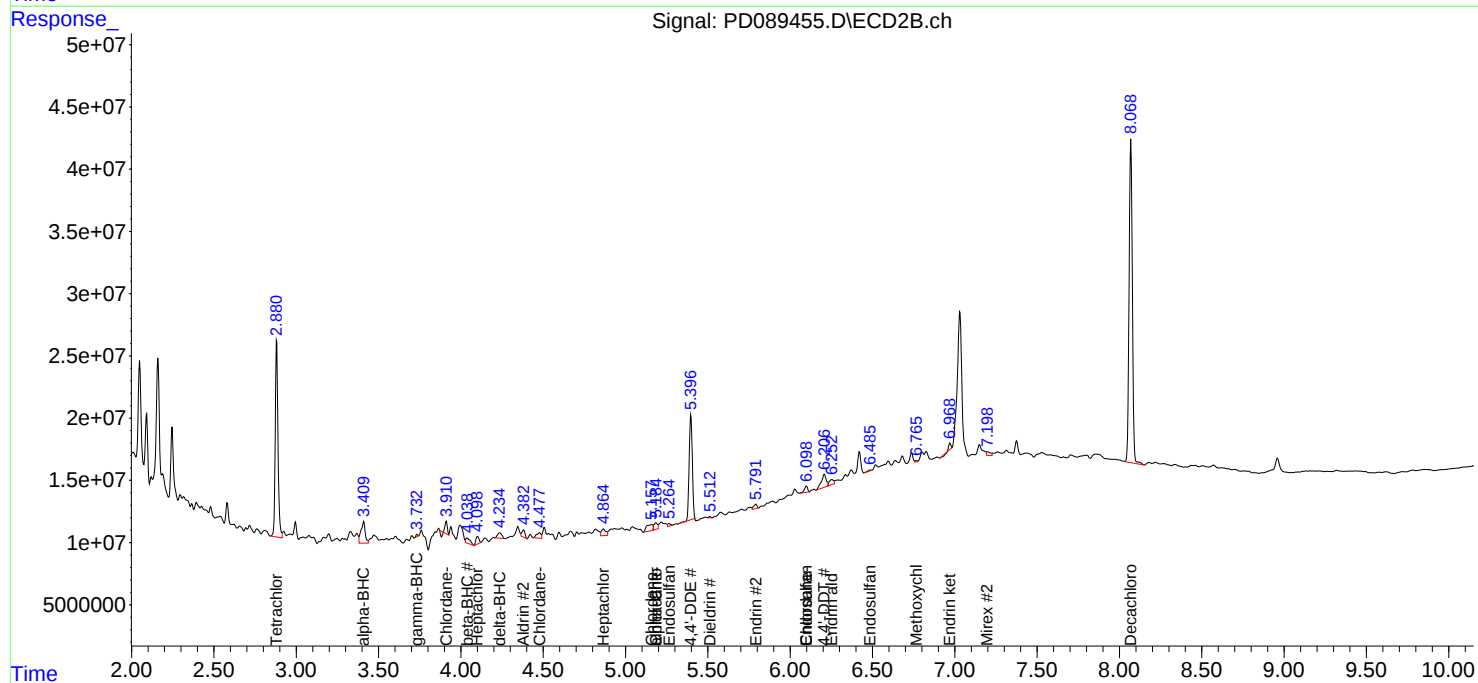
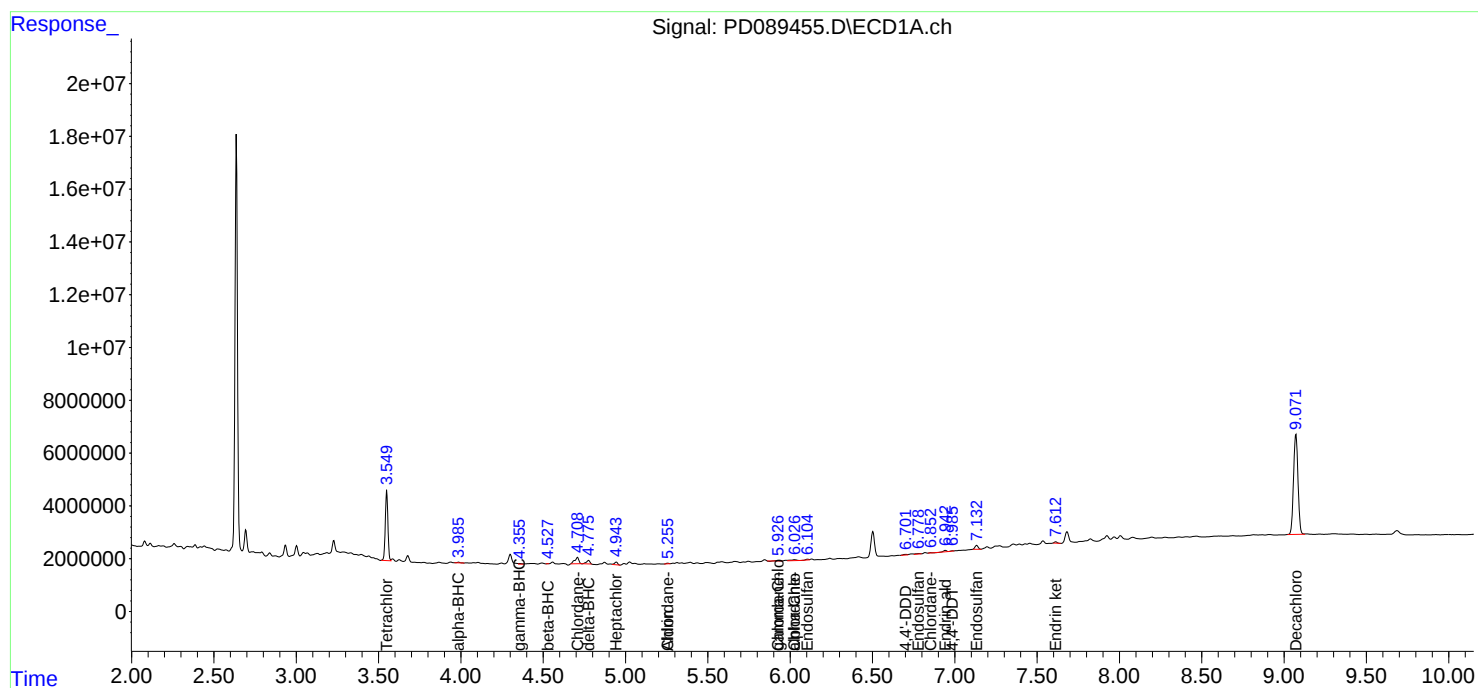
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

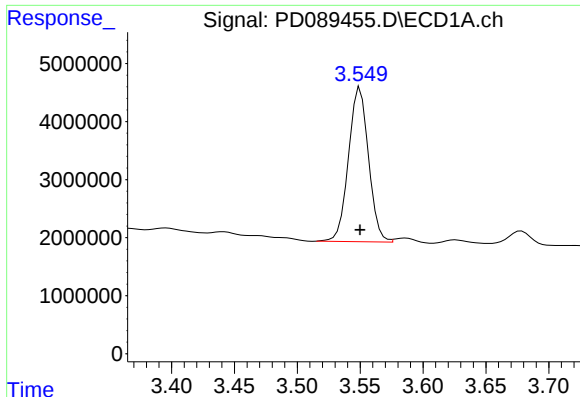
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071125\
Data File : PD089455.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 13:28
Operator : AR\AJ
Sample : Q2559-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
500-3B CONCRETE CHIP

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 22:51:00 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

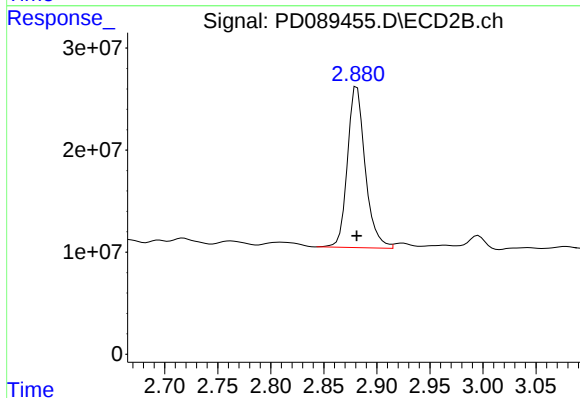




#1 Tetrachloro-m-xylene

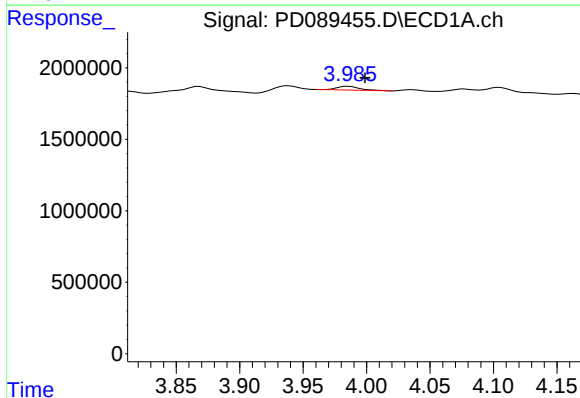
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 29454426
Conc: 10.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
500-3B CONCRETE CHIP



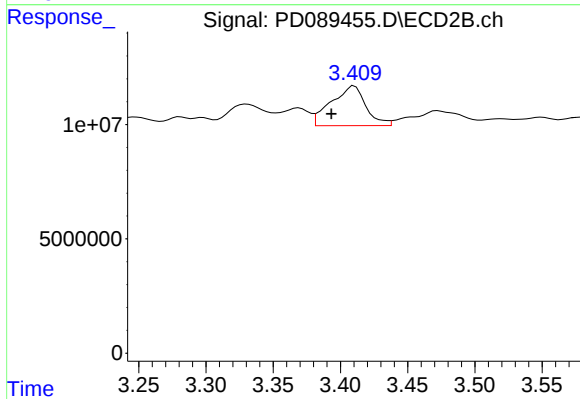
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 183437134
Conc: 10.82 ng/ml



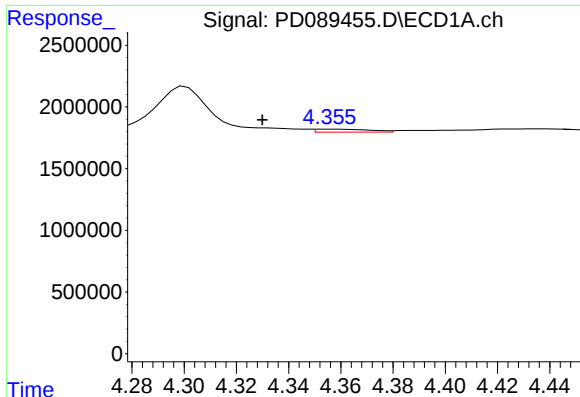
#2 alpha-BHC

R.T.: 3.986 min
Delta R.T.: -0.013 min
Response: 331624
Conc: 0.06 ng/ml



#2 alpha-BHC

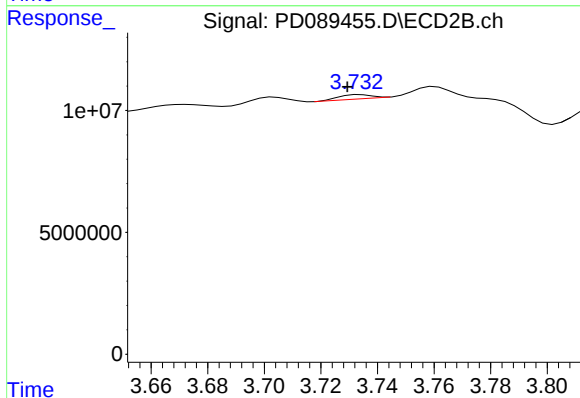
R.T.: 3.410 min
Delta R.T.: 0.017 min
Response: 31186278
Conc: 1.16 ng/ml



#3 gamma-BHC (Lindane)

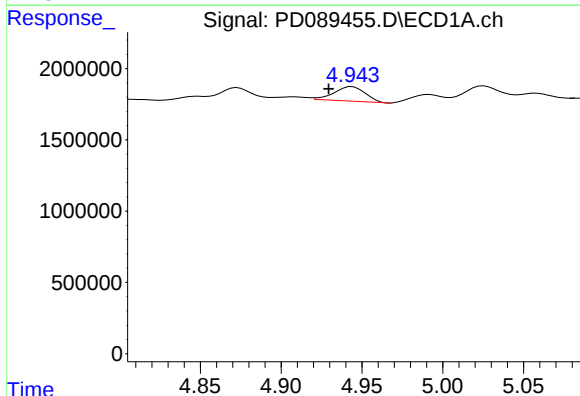
R.T.: 4.356 min
Delta R.T.: 0.026 min
Response: 347986
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
500-3B CONCRETE CHIP



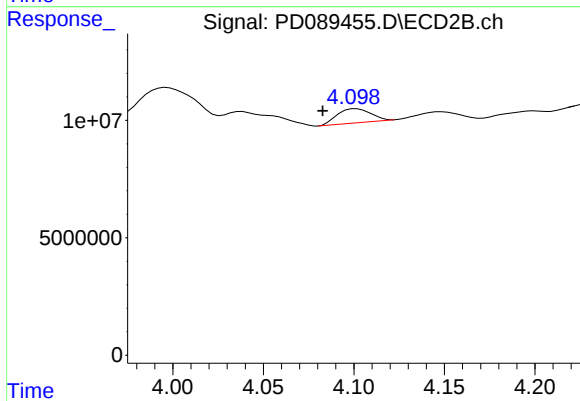
#3 gamma-BHC (Lindane)

R.T.: 3.734 min
Delta R.T.: 0.005 min
Response: 1373336
Conc: 0.06 ng/ml



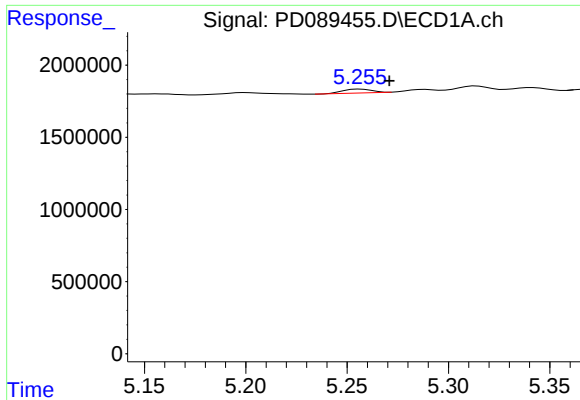
#4 Heptachlor

R.T.: 4.944 min
Delta R.T.: 0.015 min
Response: 1356170
Conc: 0.25 ng/ml



#4 Heptachlor

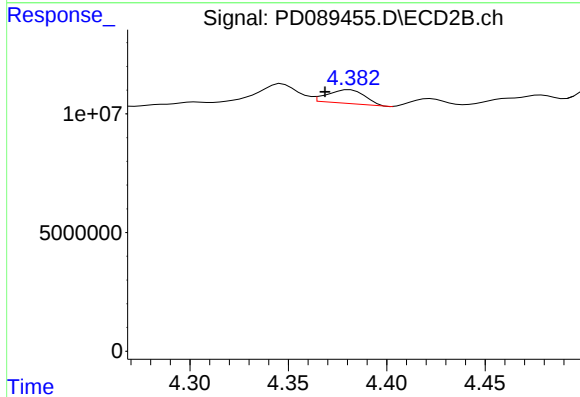
R.T.: 4.101 min
Delta R.T.: 0.018 min
Response: 7792682
Conc: 0.31 ng/ml



#5 Aldrin

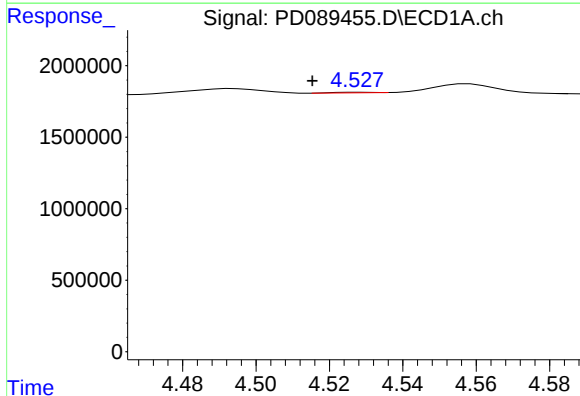
R.T.: 5.257 min
Delta R.T.: -0.014 min
Response: 271138
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
500-3B CONCRETE CHIP



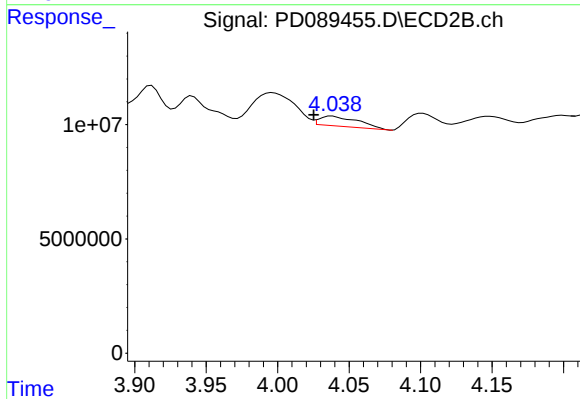
#5 Aldrin

R.T.: 4.381 min
Delta R.T.: 0.013 min
Response: 7593877
Conc: 0.31 ng/ml



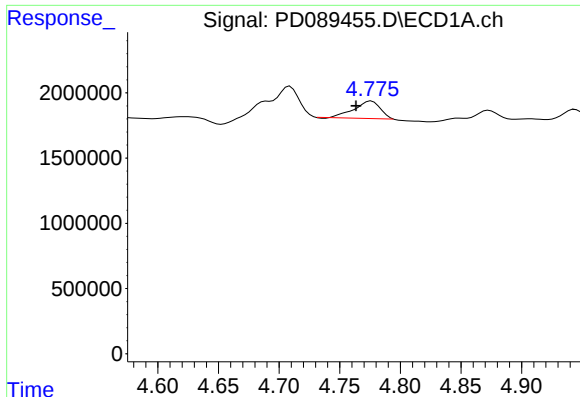
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.013 min
Response: 28803
Conc: 0.01 ng/ml



#6 beta-BHC

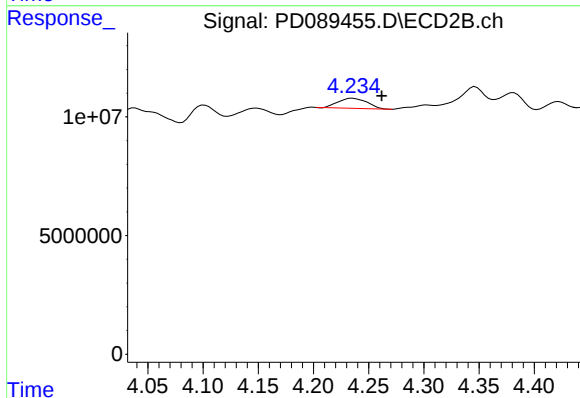
R.T.: 4.038 min
Delta R.T.: 0.013 min
Response: 8123073
Conc: 0.76 ng/ml



#7 delta-BHC

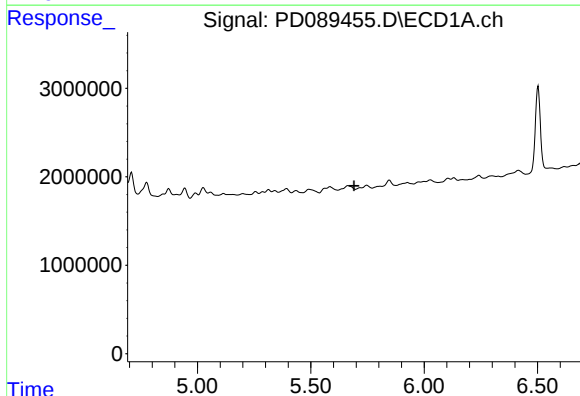
R.T.: 4.776 min
Delta R.T.: 0.013 min
Response: 1979516
Conc: 0.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
500-3B CONCRETE CHIP



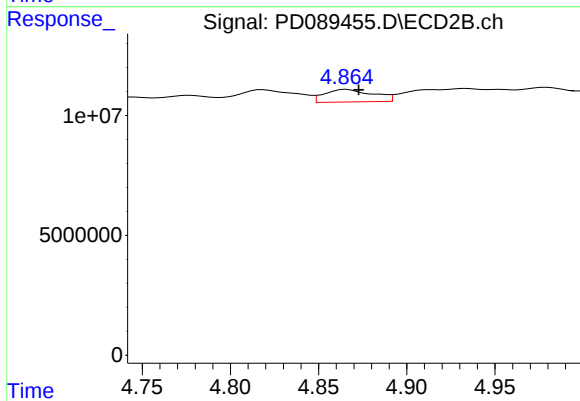
#7 delta-BHC

R.T.: 4.235 min
Delta R.T.: -0.026 min
Response: 7724638
Conc: 0.31 ng/ml



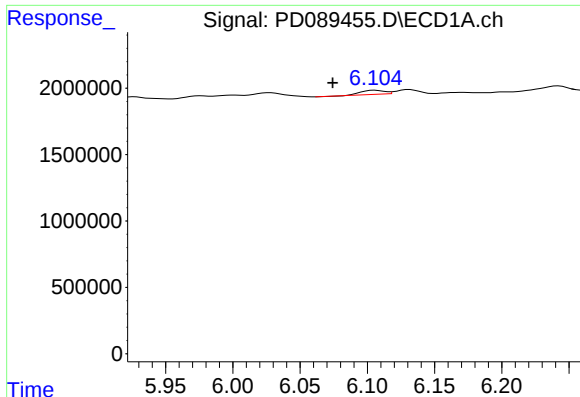
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.691 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

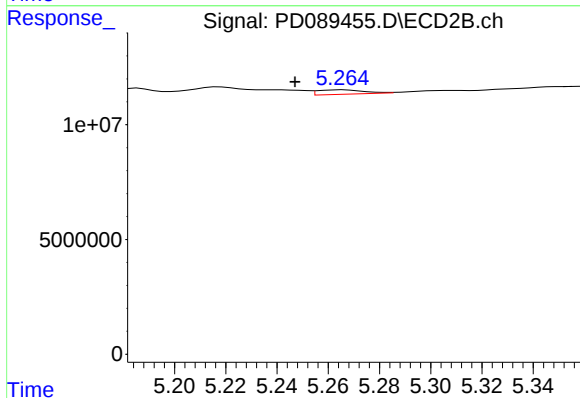
R.T.: 4.866 min
Delta R.T.: -0.007 min
Response: 9993576
Conc: 0.46 ng/ml



#9 Endosulfan I

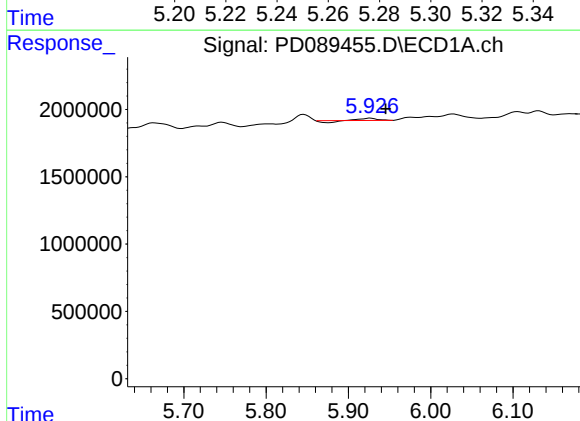
R.T.: 6.106 min
Delta R.T.: 0.032 min
Response: 374407
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
500-3B CONCRETE CHIP



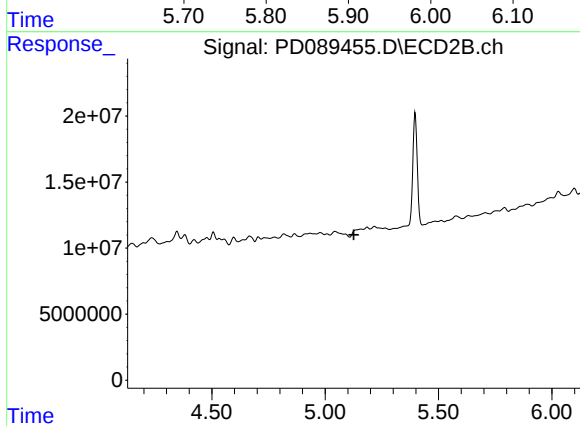
#9 Endosulfan I

R.T.: 5.266 min
Delta R.T.: 0.019 min
Response: 2434524
Conc: 0.12 ng/ml



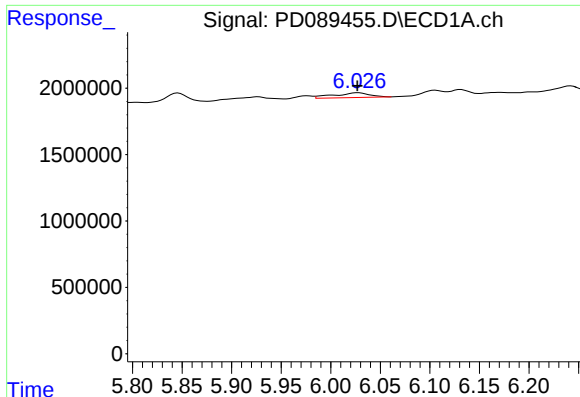
#10 gamma-Chlordane

R.T.: 5.927 min
Delta R.T.: -0.019 min
Response: 72585
Conc: 0.02 ng/ml



#10 gamma-Chlordane

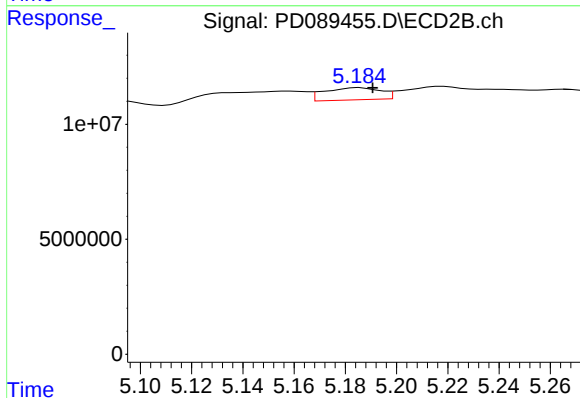
R.T.: 0.000 min
Exp R.T. : 5.126 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

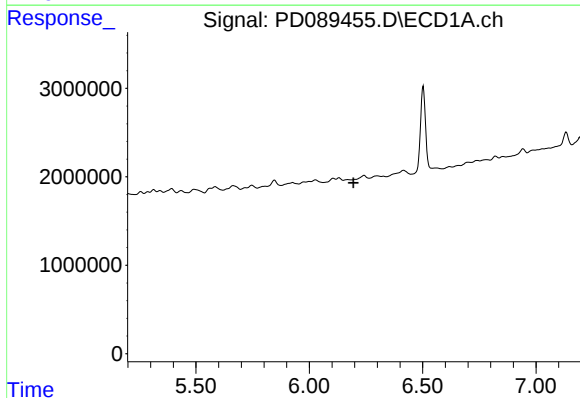
R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 911303
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
500-3B CONCRETE CHIP



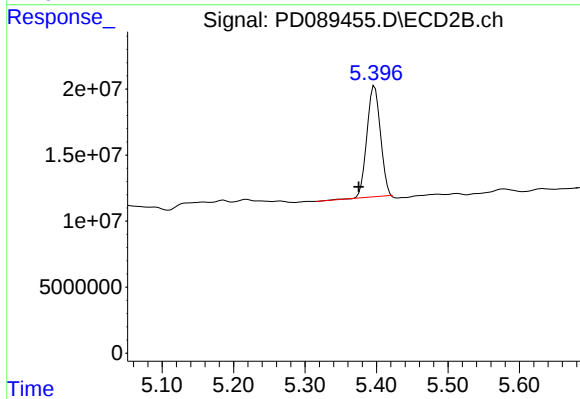
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: -0.005 min
Response: 7987967
Conc: 0.35 ng/ml



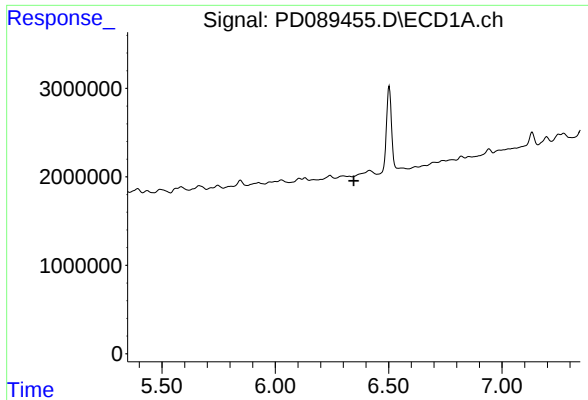
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.195 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

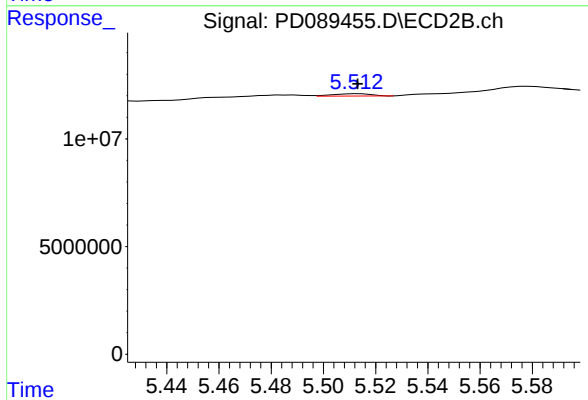
R.T.: 5.397 min
Delta R.T.: 0.022 min
Response: 111973545
Conc: 4.89 ng/ml



#13 Dieldrin

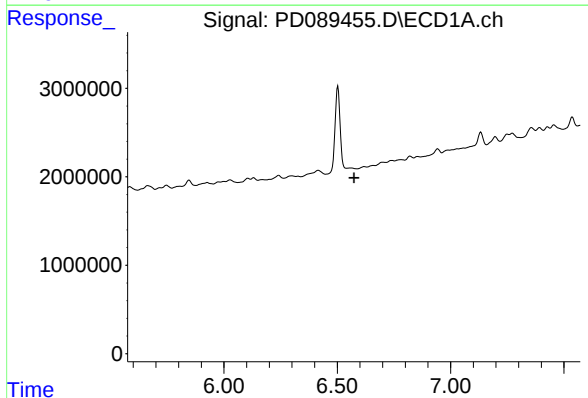
R.T.: 0.000 min
Exp R.T.: 6.347 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
500-3B CONCRETE CHIP



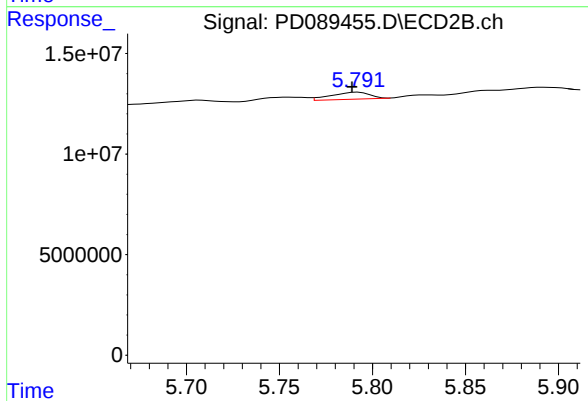
#13 Dieldrin

R.T.: 5.513 min
Delta R.T.: 0.000 min
Response: 1118251
Conc: 0.05 ng/ml



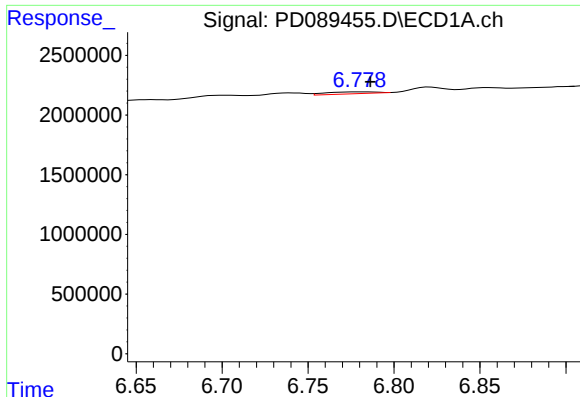
#14 Endrin

R.T.: 0.000 min
Exp R.T.: 6.574 min
Response: 0
Conc: N.D.



#14 Endrin

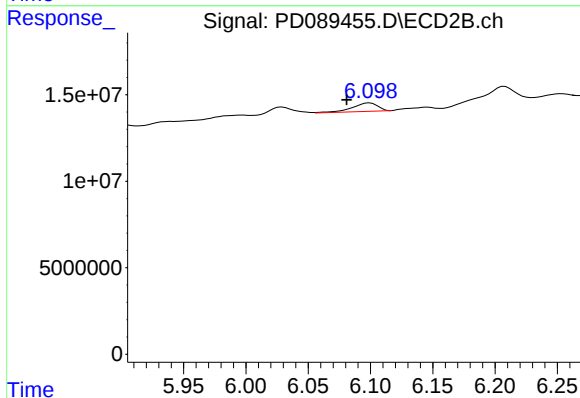
R.T.: 5.792 min
Delta R.T.: 0.003 min
Response: 4999632
Conc: 0.23 ng/ml



#15 Endosulfan II

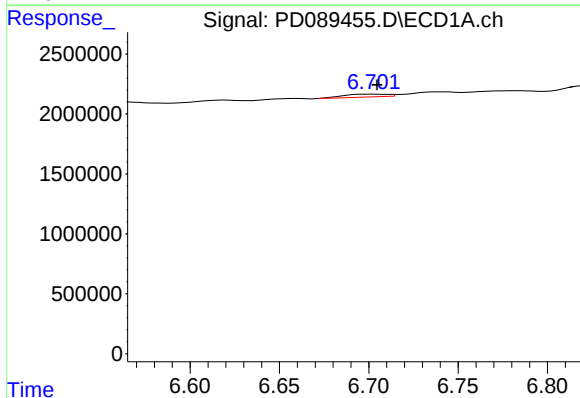
R.T.: 6.782 min
Delta R.T.: -0.004 min
Response: 311331
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
500-3B CONCRETE CHIP



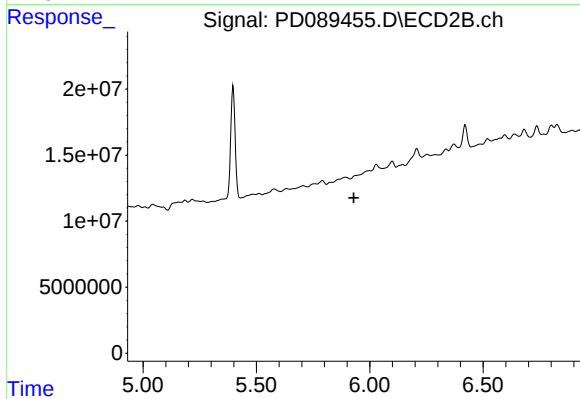
#15 Endosulfan II

R.T.: 6.099 min
Delta R.T.: 0.018 min
Response: 6908258
Conc: 0.34 ng/ml



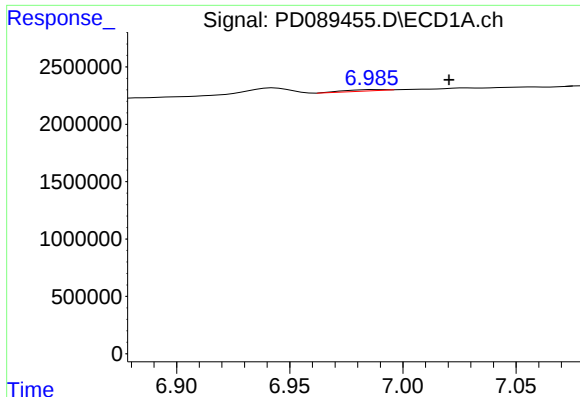
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: -0.002 min
Response: 407606
Conc: 0.12 ng/ml



#16 4,4'-DDD

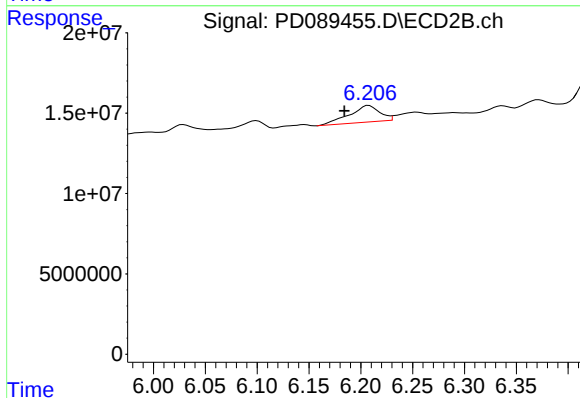
R.T.: 0.000 min
Exp R.T.: 5.930 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

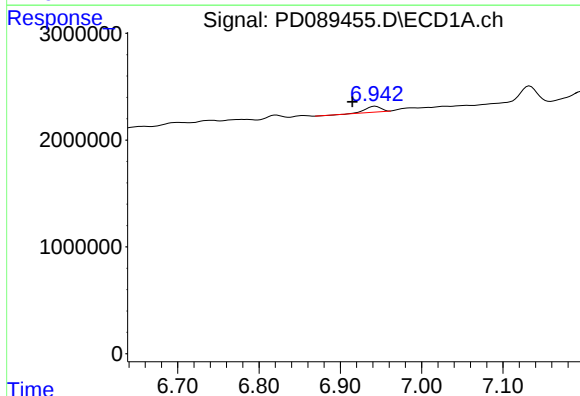
R.T.: 6.988 min
Delta R.T.: -0.032 min
Response: 135544
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
500-3B CONCRETE CHIP



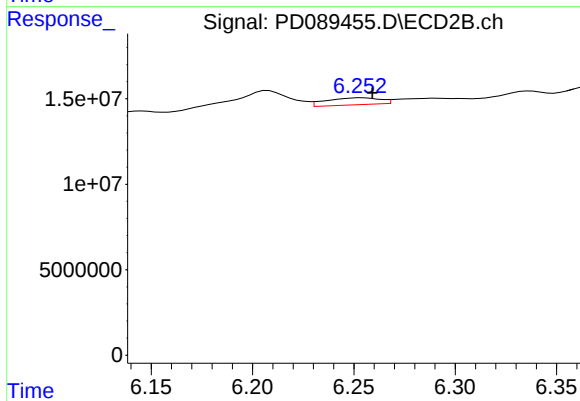
#17 4,4'-DDT

R.T.: 6.208 min
Delta R.T.: 0.024 min
Response: 21022043
Conc: 1.04 ng/ml



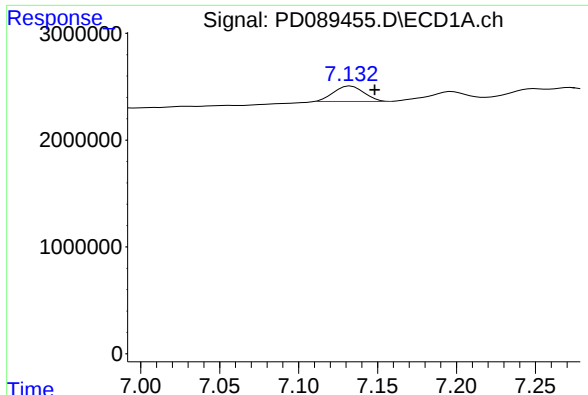
#18 Endrin aldehyde

R.T.: 6.943 min
Delta R.T.: 0.028 min
Response: 709487
Conc: 0.23 ng/ml



#18 Endrin aldehyde

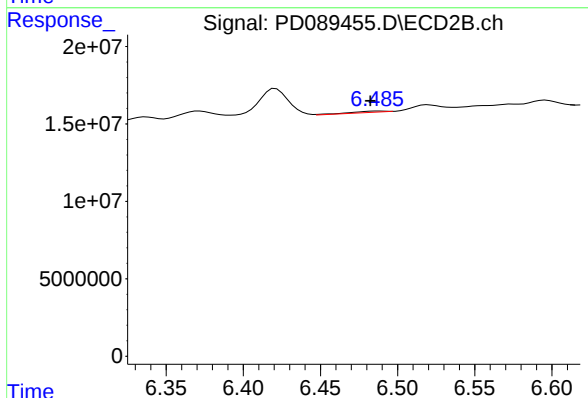
R.T.: 6.254 min
Delta R.T.: -0.005 min
Response: 7397318
Conc: 0.48 ng/ml



#19 Endosulfan Sulfate

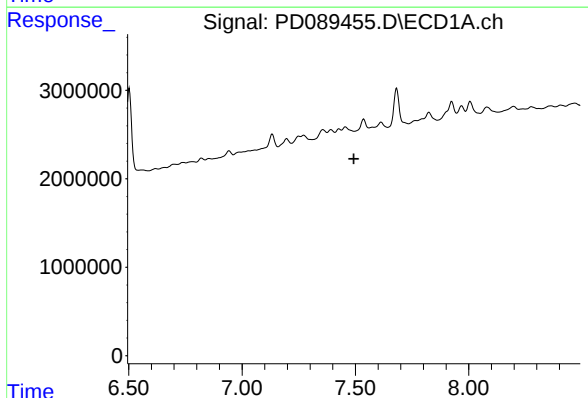
R.T.: 7.133 min
Delta R.T.: -0.015 min
Response: 1917946
Conc: 0.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
500-3B CONCRETE CHIP



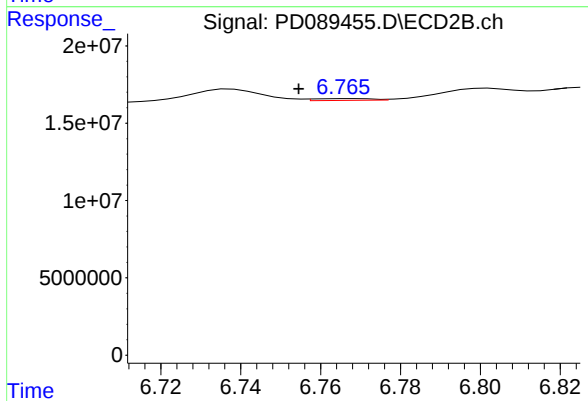
#19 Endosulfan Sulfate

R.T.: 6.488 min
Delta R.T.: 0.005 min
Response: 1147269
Conc: 0.06 ng/ml



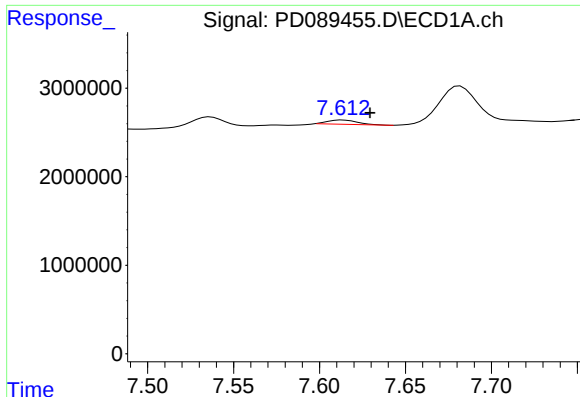
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.493 min
Response: 0
Conc: N.D.



#20 Methoxychlor

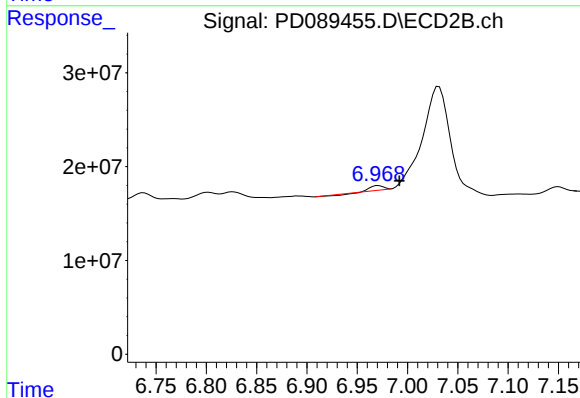
R.T.: 6.767 min
Delta R.T.: 0.012 min
Response: 1162500
Conc: 0.11 ng/ml



#21 Endrin ketone

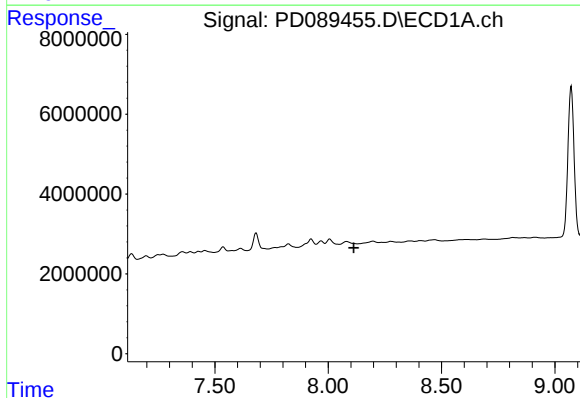
R.T.: 7.614 min
Delta R.T.: -0.016 min
Response: 563814
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
500-3B CONCRETE CHIP



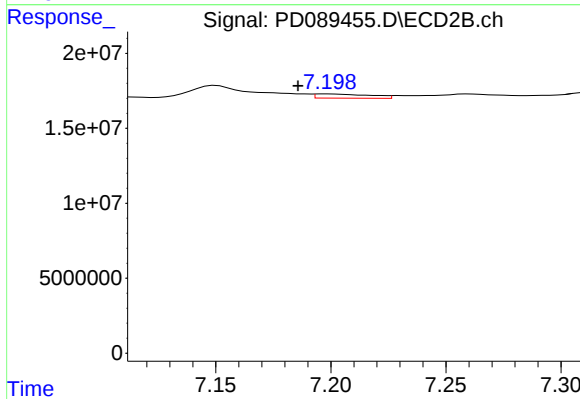
#21 Endrin ketone

R.T.: 6.971 min
Delta R.T.: -0.021 min
Response: 2752045
Conc: 0.13 ng/ml



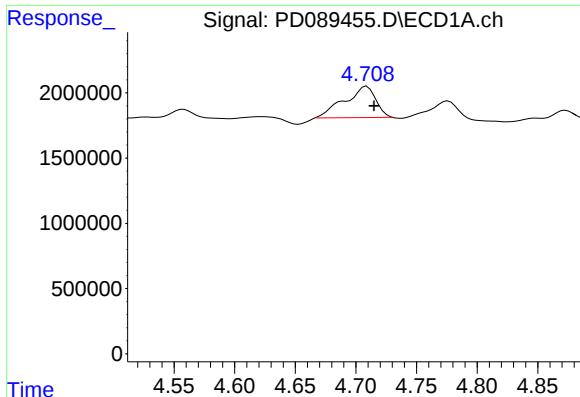
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.113 min
Response: 0
Conc: N.D.



#22 Mirex

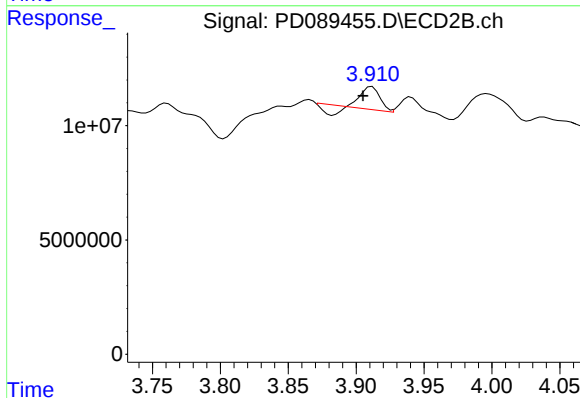
R.T.: 7.198 min
Delta R.T.: 0.013 min
Response: 4640614
Conc: 0.28 ng/ml



#23 Chlordane-1

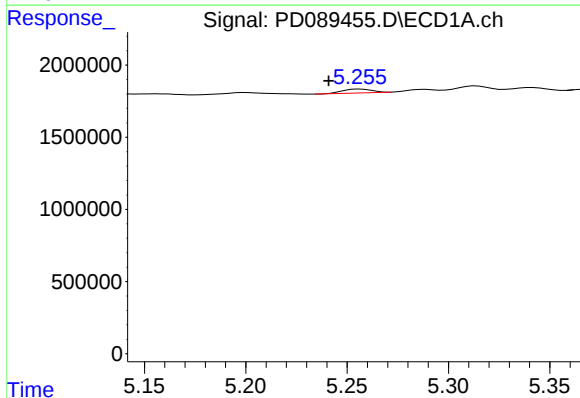
R.T.: 4.709 min
Delta R.T.: -0.006 min
Response: 4287122
Conc: 20.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
500-3B CONCRETE CHIP



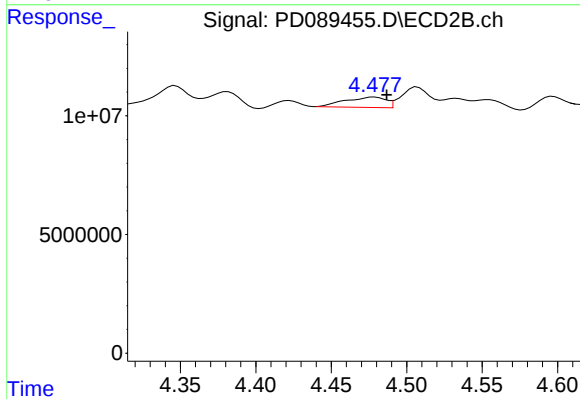
#23 Chlordane-1

R.T.: 3.912 min
Delta R.T.: 0.007 min
Response: 6803592
Conc: 7.30 ng/ml



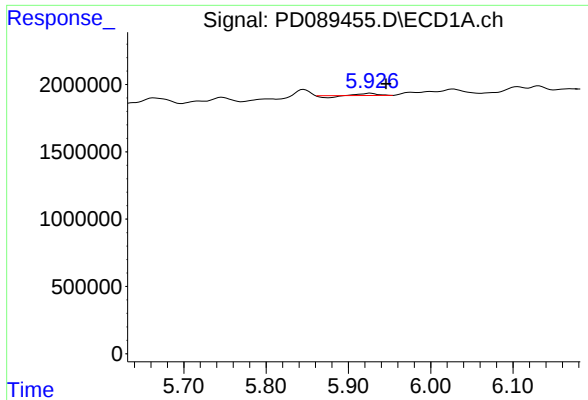
#24 Chlordane-2

R.T.: 5.257 min
Delta R.T.: 0.016 min
Response: 271138
Conc: 1.24 ng/ml



#24 Chlordane-2

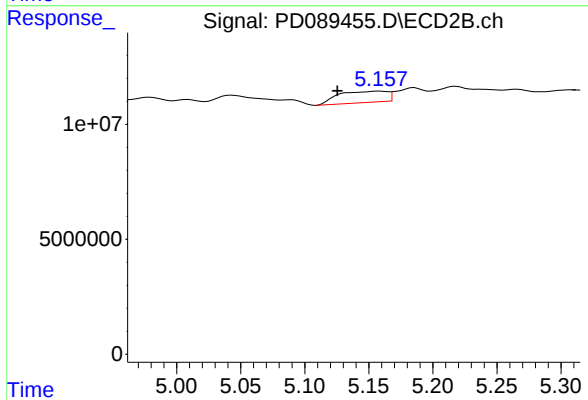
R.T.: 4.479 min
Delta R.T.: -0.008 min
Response: 8205561
Conc: 8.62 ng/ml



#25 Chlordane-3

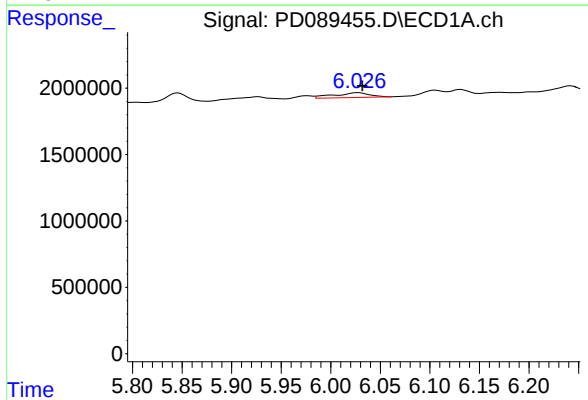
R.T.: 5.927 min
Delta R.T.: -0.019 min
Response: 72585
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
500-3B CONCRETE CHIP



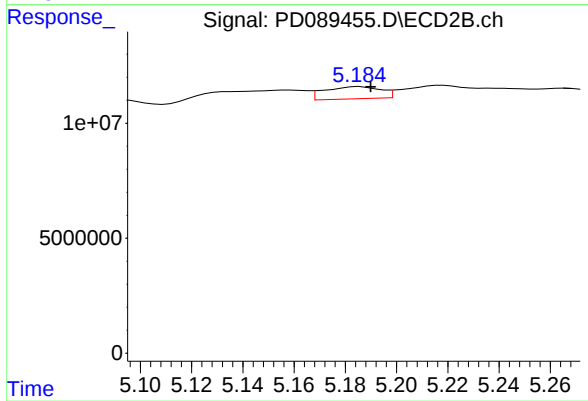
#25 Chlordane-3

R.T.: 5.159 min
Delta R.T.: 0.033 min
Response: 12978363
Conc: 4.37 ng/ml



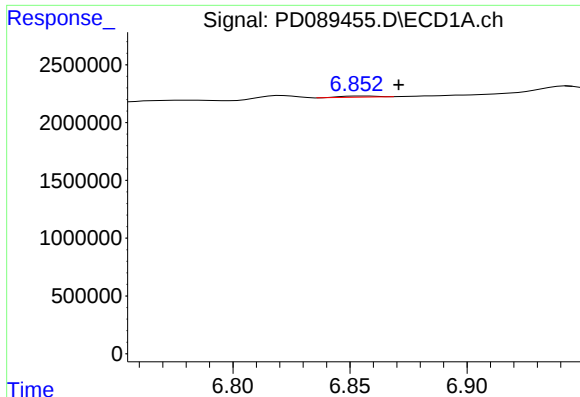
#26 Chlordane-4

R.T.: 6.027 min
Delta R.T.: -0.004 min
Response: 911303
Conc: 0.87 ng/ml



#26 Chlordane-4

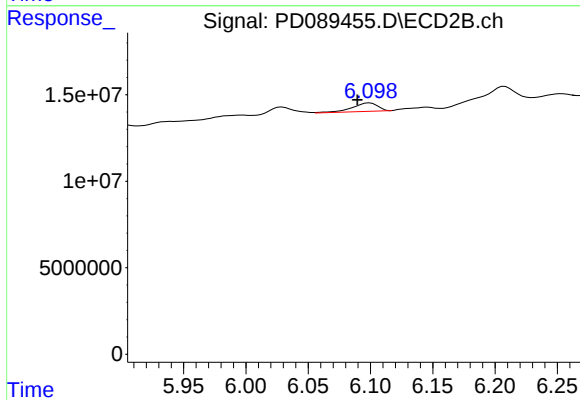
R.T.: 5.186 min
Delta R.T.: -0.004 min
Response: 7987967
Conc: 3.19 ng/ml



#27 Chlordane-5

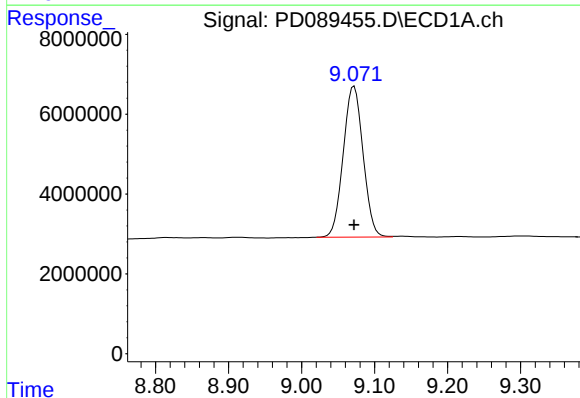
R.T.: 6.855 min
Delta R.T.: -0.015 min
Response: 97226
Conc: 0.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
500-3B CONCRETE CHIP



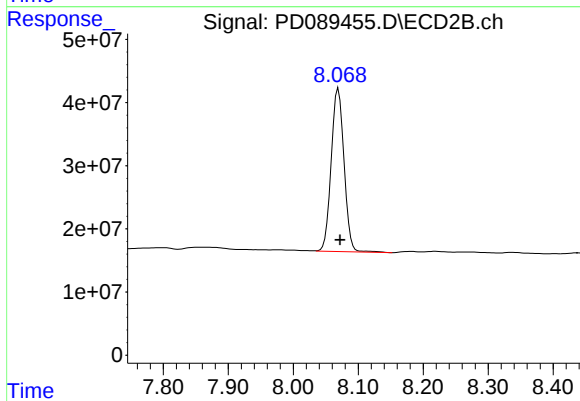
#27 Chlordane-5

R.T.: 6.099 min
Delta R.T.: 0.010 min
Response: 6908258
Conc: 6.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 71223081
Conc: 18.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.069 min
Delta R.T.: -0.003 min
Response: 354118668
Conc: 17.91 ng/ml