

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061125\
 Data File : PD088911.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 12:09
 Operator : AR\AJ
 Sample : Q2259-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OU4-PCS-TC-36-060525

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 07:39:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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...	3.553	2.879	55777298	341.0E6	25.778	22.540
28)	SA Decachlor...	9.078	8.073	85525113	425.0E6	24.990	23.279
Target Compounds							
2)	A alpha-BHC	0.000	3.402	0	6705996	N.D.	0.281 #
3)	MA gamma-BHC...	4.305f	3.735	1743348	1408126	0.379	0.064 #
4)	MA Heptachlor	4.950f	4.085	1257596	3034404	0.281	0.135 #
6)	B beta-BHC	4.498f	4.036	1431333	9601473	0.794	0.986
7)	B delta-BHC	4.763	4.235f	1038396	18961089	0.246	0.850 #
8)	B Heptachlo...	5.708f	4.878	681686	1050244	0.172	0.053 #
9)	A Endosulfan I	6.074	5.273f	333566	7563474	0.089	0.399 #
10)	B gamma-Chl...	5.922f	0.000	674032	0	0.169	N.D. #
11)	B alpha-Chl...	6.038	5.209f	1160456	14230963	0.290	0.690 #
12)	B 4,4'-DDE	6.173f	5.400f	206985	4566999	0.058	0.218 #
13)	MA Dieldrin	6.337	5.501	67831	4483851	0.017	0.213 #
14)	MA Endrin	0.000	5.794	0	43313085	N.D.	2.246 #
15)	B Endosulfa...	6.784	6.071	1590334	6376127	0.462	0.348
16)	A 4,4'-DDD	6.704	0.000	2345444	0	0.842	N.D. #
17)	MA 4,4'-DDT	7.025	6.192	378533	14140392	0.121	0.780 #
18)	B Endrin al...	6.897f	6.244f	1023372	5842897	0.397	0.419
20)	A Methoxychlor	7.491	6.735f	2115011	11057629	1.266	1.155
21)	B Endrin ke...	7.613f	6.994	261153	-684281	0.076	N.D. #
22)	Mirex	8.139f	7.176	933799	7057933	0.359	0.464 #
23)	Chlordane-1	4.693f	3.902	4292440	11081520	23.820	13.410 #
24)	Chlordane-2	5.225	4.501	250701	1199396	1.366	1.421
25)	Chlordane-3	5.922f	5.165f	674032	22659559	0.911	8.593 #
26)	Chlordane-4	6.038	5.209	1160456	14230963	1.295	6.432 #
27)	Chlordane-5	6.897f	6.103	1023372	4594398	6.727	4.590 #

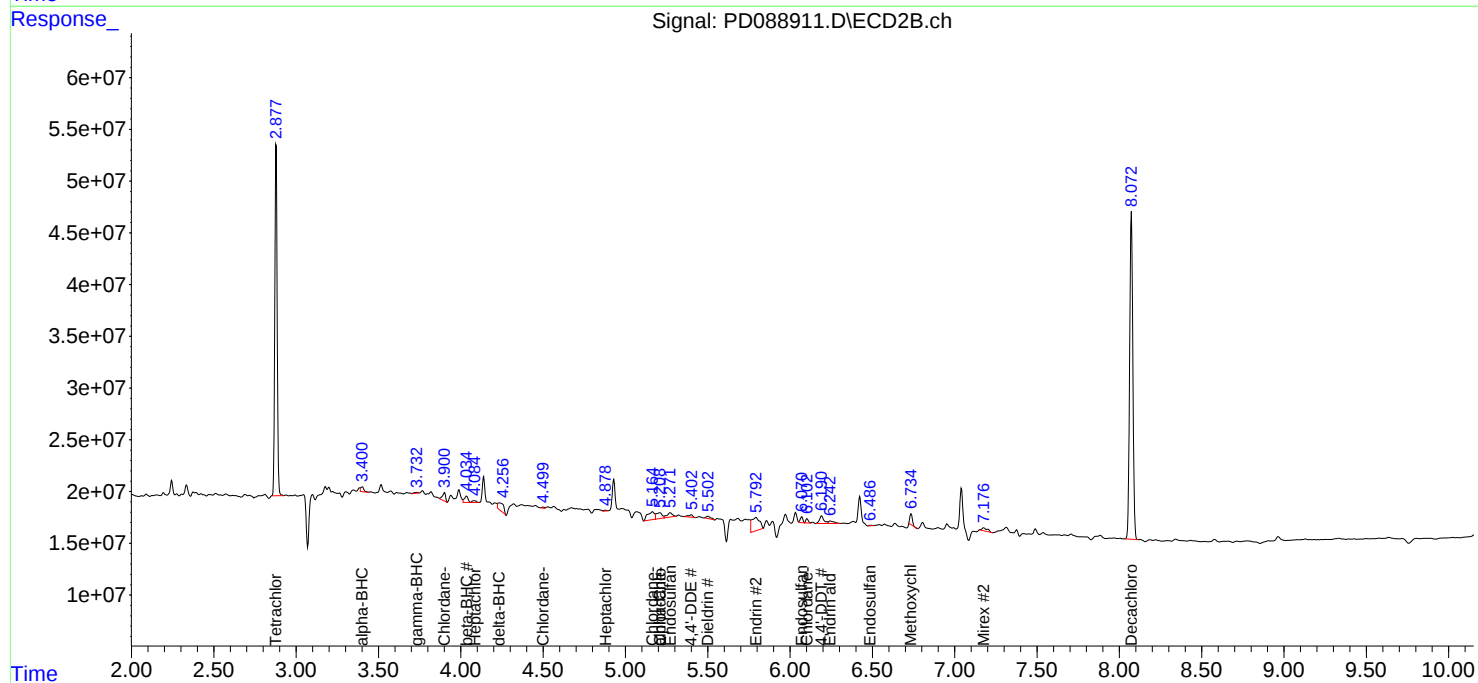
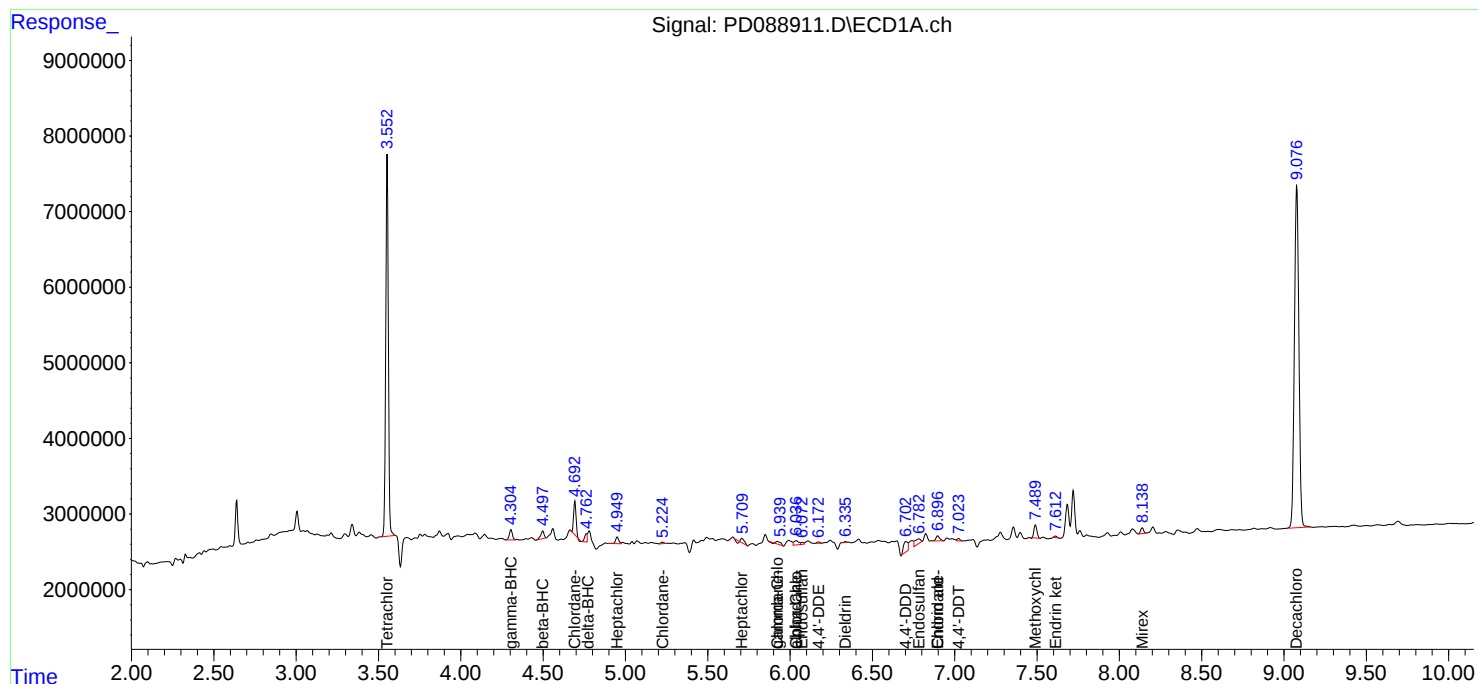
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

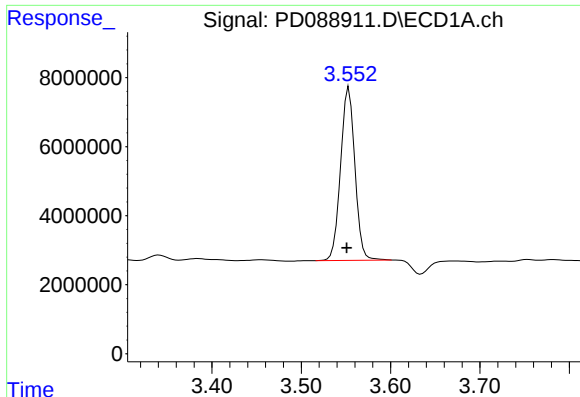
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061125\
Data File : PD088911.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 12:09
Operator : AR\AJ
Sample : Q2259-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-36-060525

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 07:39:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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

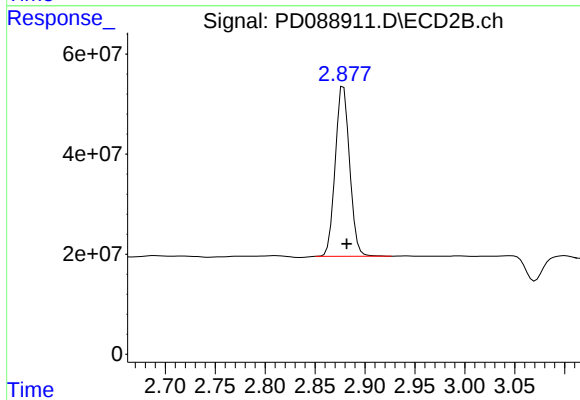




#1 Tetrachloro-m-xylene

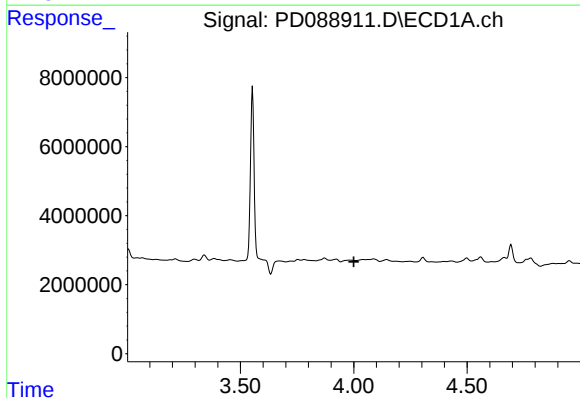
R.T.: 3.553 min
Delta R.T.: 0.002 min
Response: 55777298
Conc: 25.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-36-060525



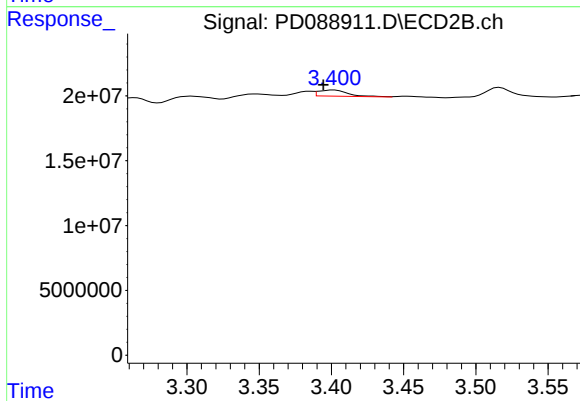
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.003 min
Response: 340955869
Conc: 22.54 ng/ml



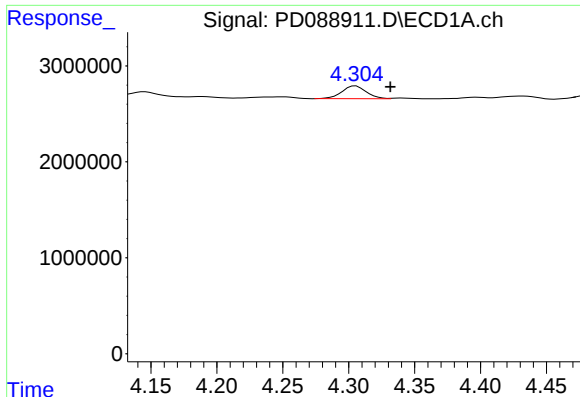
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 4.000 min
Response: 0
Conc: N.D.



#2 alpha-BHC

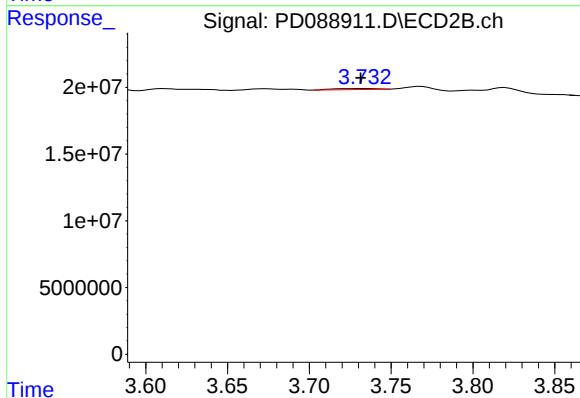
R.T.: 3.402 min
Delta R.T.: 0.007 min
Response: 6705996
Conc: 0.28 ng/ml



#3 gamma-BHC (Lindane)

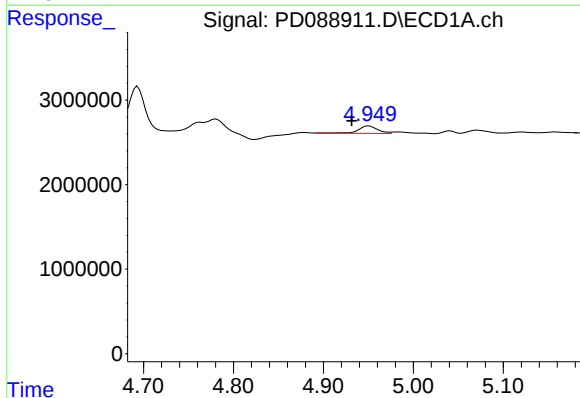
R.T.: 4.305 min
Delta R.T.: -0.026 min
Response: 1743348
Conc: 0.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-36-060525



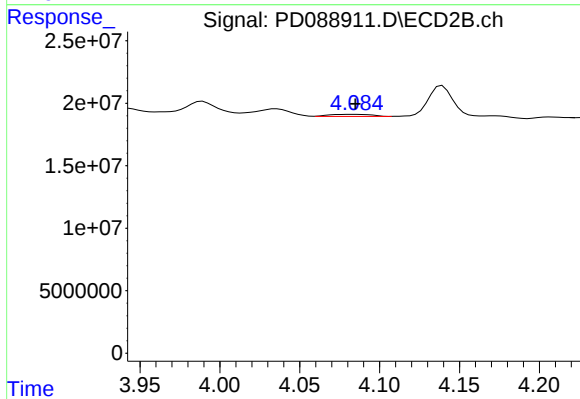
#3 gamma-BHC (Lindane)

R.T.: 3.735 min
Delta R.T.: 0.003 min
Response: 1408126
Conc: 0.06 ng/ml



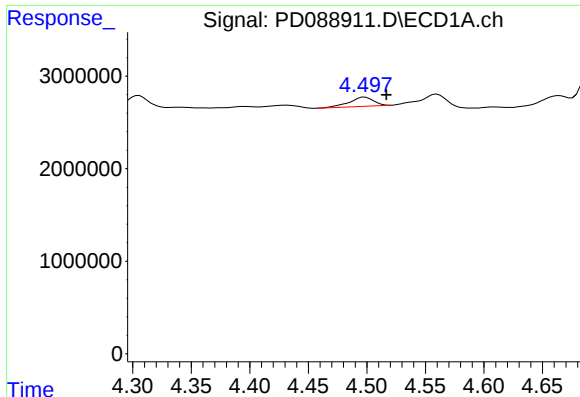
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.019 min
Response: 1257596
Conc: 0.28 ng/ml



#4 Heptachlor

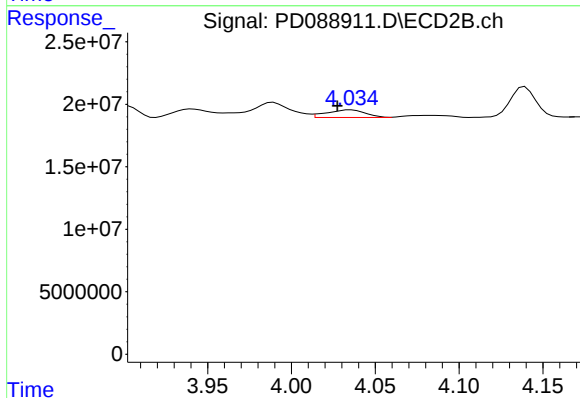
R.T.: 4.085 min
Delta R.T.: 0.000 min
Response: 3034404
Conc: 0.14 ng/ml



#6 beta-BHC

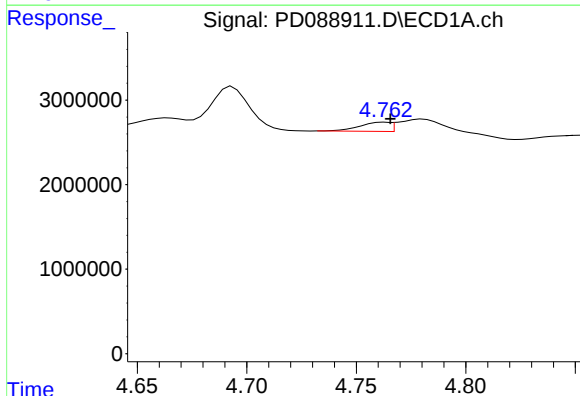
R.T.: 4.498 min
Delta R.T.: -0.018 min
Response: 1431333
Conc: 0.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
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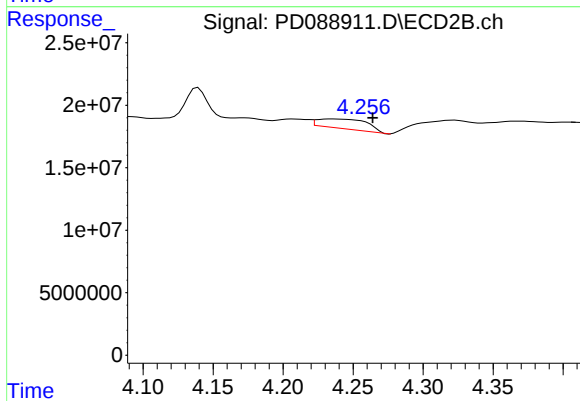
#6 beta-BHC

R.T.: 4.036 min
Delta R.T.: 0.008 min
Response: 9601473
Conc: 0.99 ng/ml



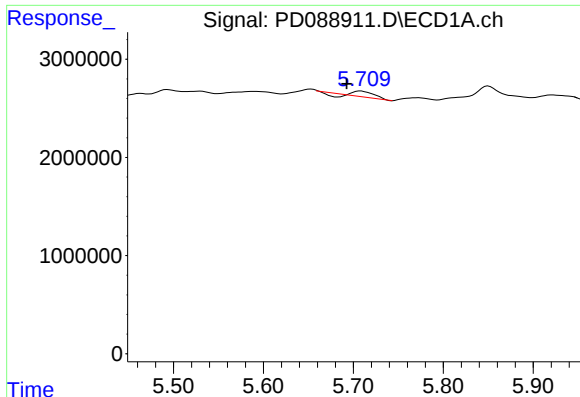
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 1038396
Conc: 0.25 ng/ml



#7 delta-BHC

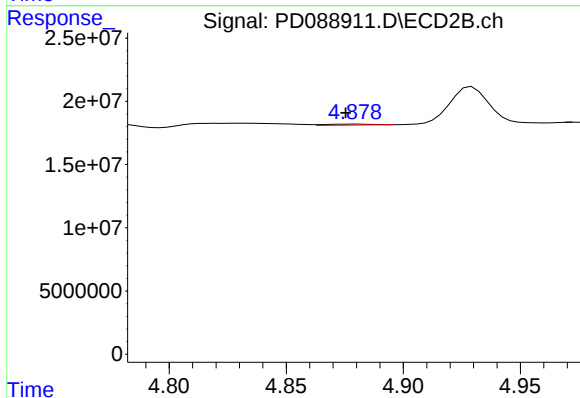
R.T.: 4.235 min
Delta R.T.: -0.029 min
Response: 18961089
Conc: 0.85 ng/ml



#8 Heptachlor epoxide

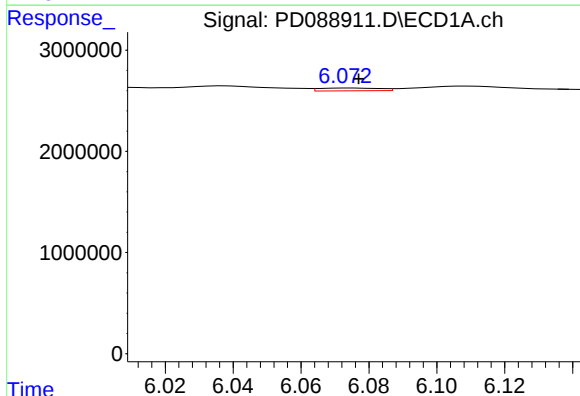
R.T.: 5.708 min
Delta R.T.: 0.015 min
Response: 681686
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-36-060525



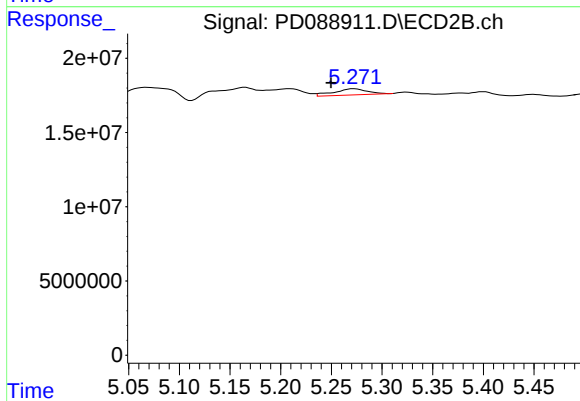
#8 Heptachlor epoxide

R.T.: 4.878 min
Delta R.T.: 0.003 min
Response: 1050244
Conc: 0.05 ng/ml



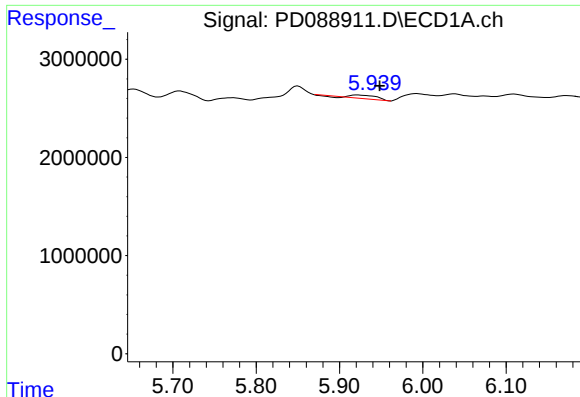
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 333566
Conc: 0.09 ng/ml



#9 Endosulfan I

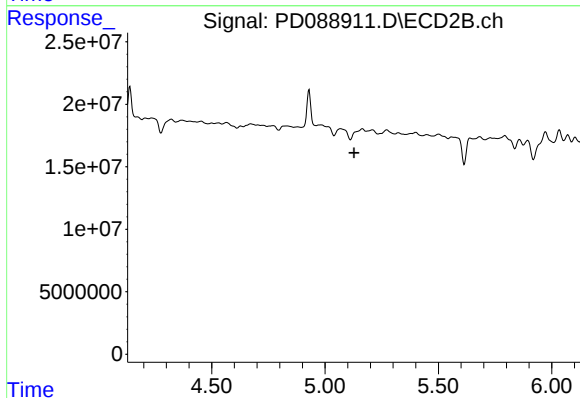
R.T.: 5.273 min
Delta R.T.: 0.023 min
Response: 7563474
Conc: 0.40 ng/ml



#10 gamma-Chlordane

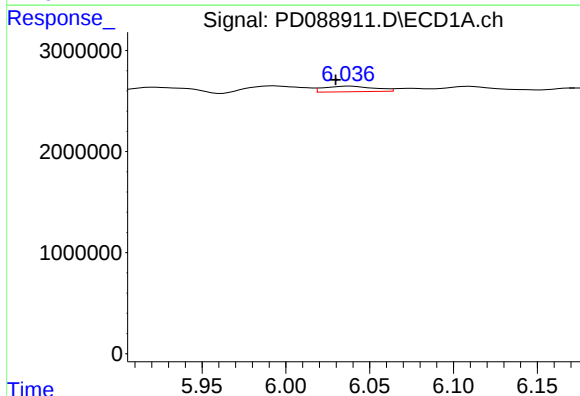
R.T.: 5.922 min
Delta R.T.: -0.027 min
Response: 674032
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-36-060525



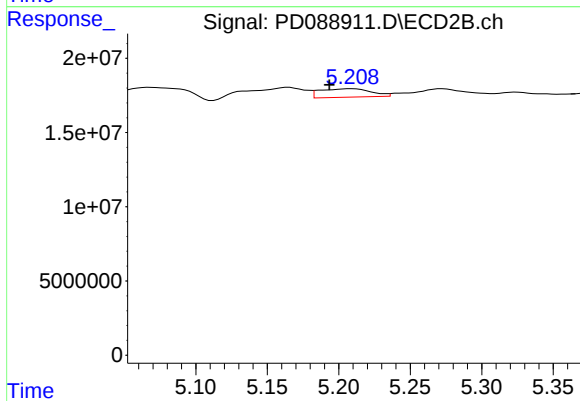
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.129 min
Response: 0
Conc: N.D.



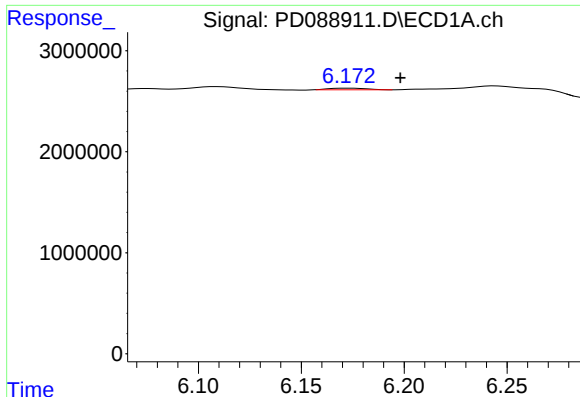
#11 alpha-Chlordane

R.T.: 6.038 min
Delta R.T.: 0.008 min
Response: 1160456
Conc: 0.29 ng/ml



#11 alpha-Chlordane

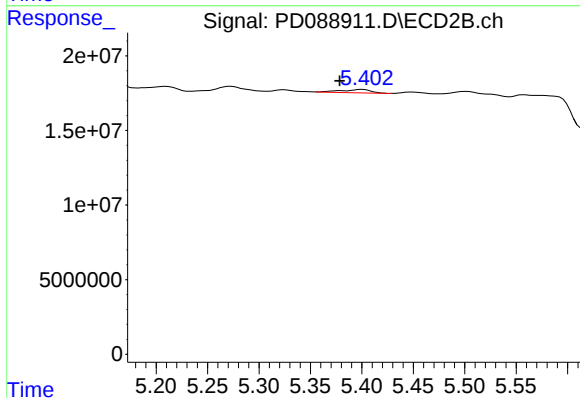
R.T.: 5.209 min
Delta R.T.: 0.016 min
Response: 14230963
Conc: 0.69 ng/ml



#12 4,4'-DDE

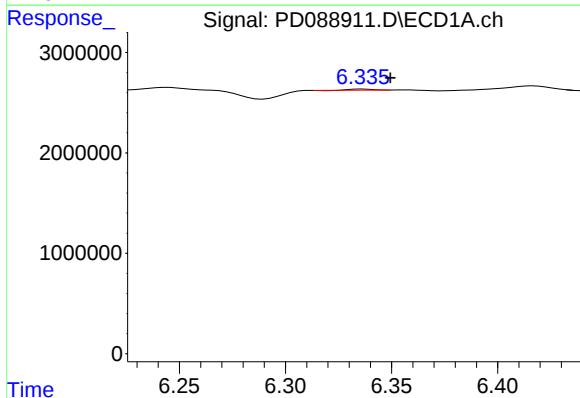
R.T.: 6.173 min
Delta R.T.: -0.025 min
Response: 206985
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-36-060525



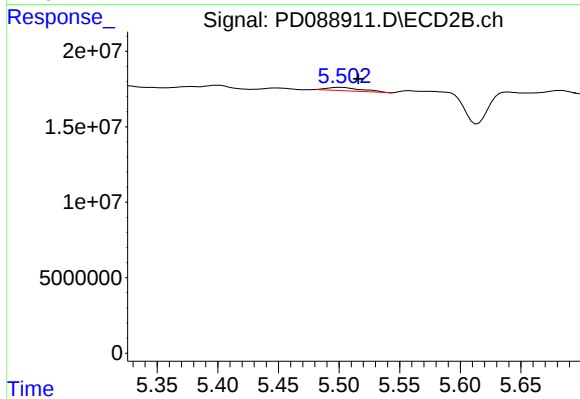
#12 4,4'-DDE

R.T.: 5.400 min
Delta R.T.: 0.022 min
Response: 4566999
Conc: 0.22 ng/ml



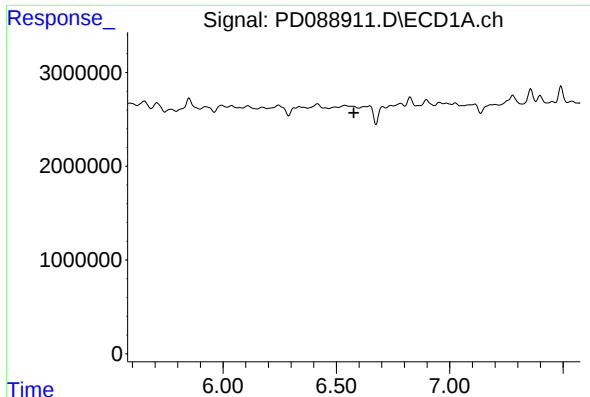
#13 Dieldrin

R.T.: 6.337 min
Delta R.T.: -0.013 min
Response: 67831
Conc: 0.02 ng/ml



#13 Dieldrin

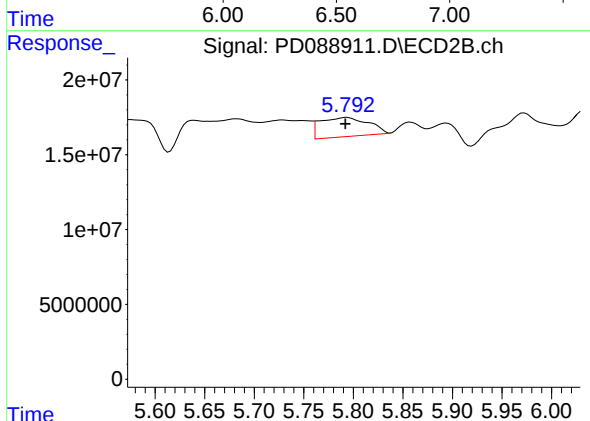
R.T.: 5.501 min
Delta R.T.: -0.015 min
Response: 4483851
Conc: 0.21 ng/ml



#14 Endrin

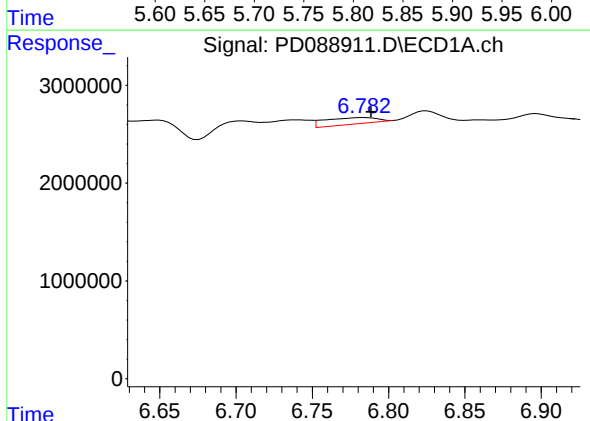
R.T.: 0.000 min
Exp R.T.: 6.577 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-36-060525



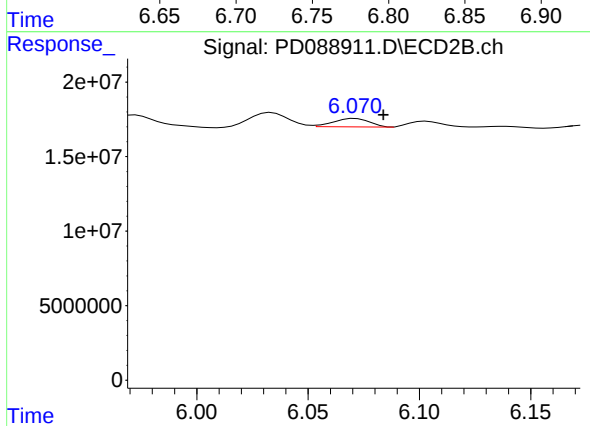
#14 Endrin

R.T.: 5.794 min
Delta R.T.: 0.001 min
Response: 43313085
Conc: 2.25 ng/ml



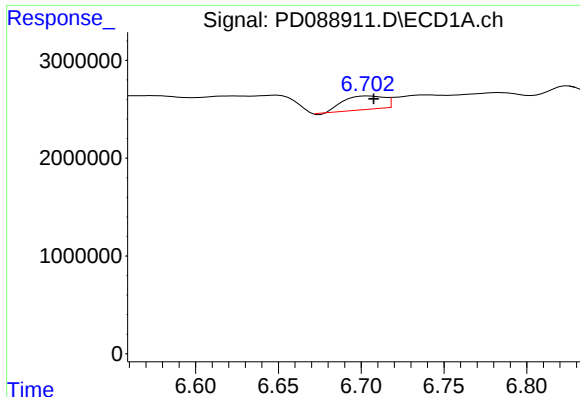
#15 Endosulfan II

R.T.: 6.784 min
Delta R.T.: -0.005 min
Response: 1590334
Conc: 0.46 ng/ml



#15 Endosulfan II

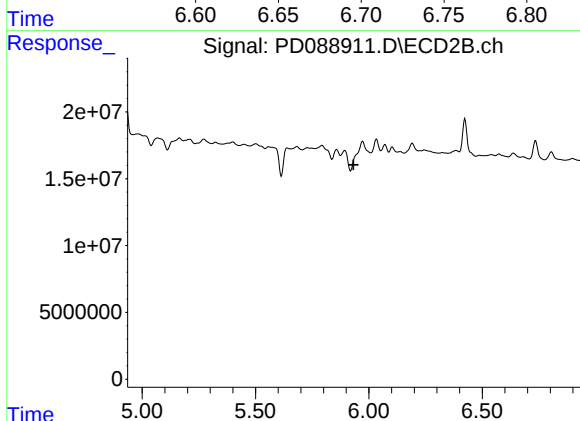
R.T.: 6.071 min
Delta R.T.: -0.013 min
Response: 6376127
Conc: 0.35 ng/ml



#16 4,4'-DDD

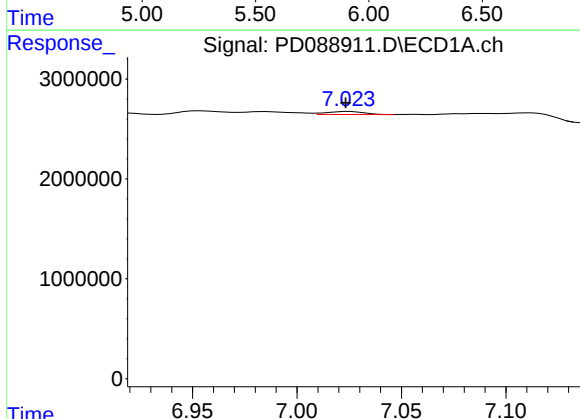
R.T.: 6.704 min
Delta R.T.: -0.004 min
Response: 2345444
Conc: 0.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-36-060525



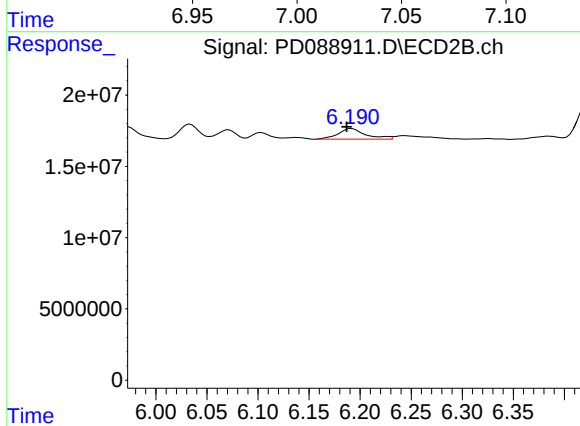
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 5.933 min
Response: 0
Conc: N.D.



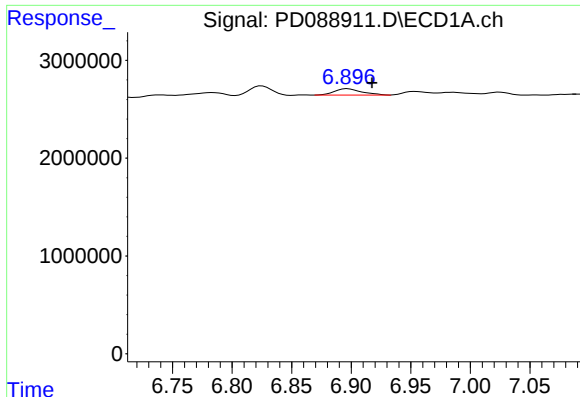
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.001 min
Response: 378533
Conc: 0.12 ng/ml



#17 4,4'-DDT

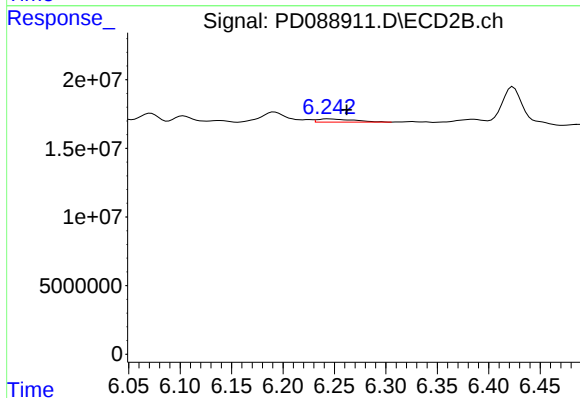
R.T.: 6.192 min
Delta R.T.: 0.005 min
Response: 14140392
Conc: 0.78 ng/ml



#18 Endrin aldehyde

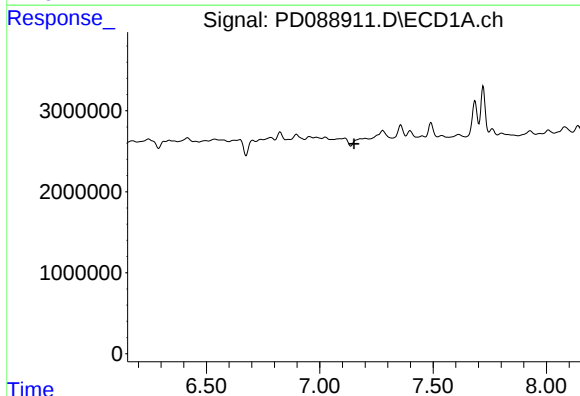
R.T.: 6.897 min
Delta R.T.: -0.020 min
Response: 1023372
Conc: 0.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-36-060525



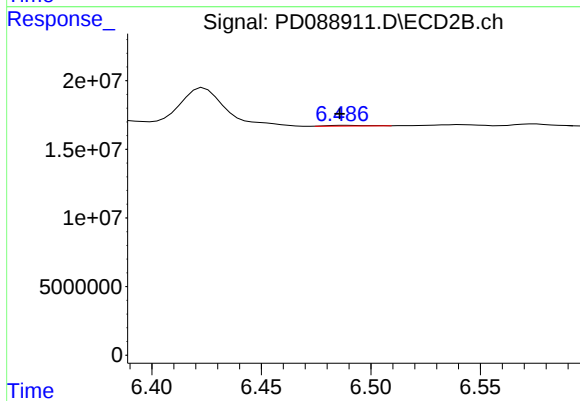
#18 Endrin aldehyde

R.T.: 6.244 min
Delta R.T.: -0.018 min
Response: 5842897
Conc: 0.42 ng/ml



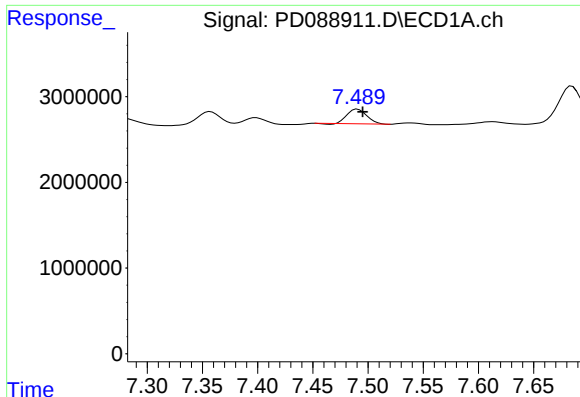
#19 Endosulfan Sulfate

R.T.: 7.181 min
Delta R.T.: 0.030 min
Response: -1473122
Conc: N.D.



#19 Endosulfan Sulfate

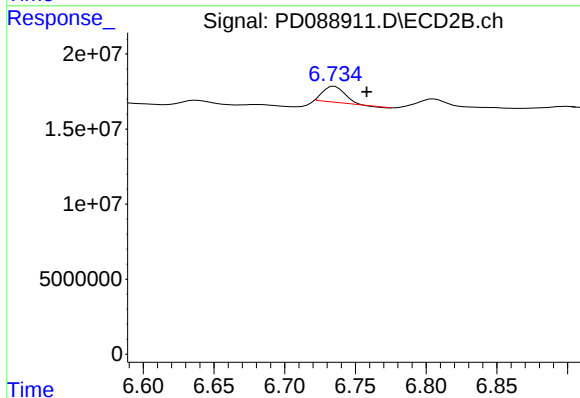
R.T.: 6.489 min
Delta R.T.: 0.003 min
Response: 541080
Conc: 0.03 ng/ml



#20 Methoxychlor

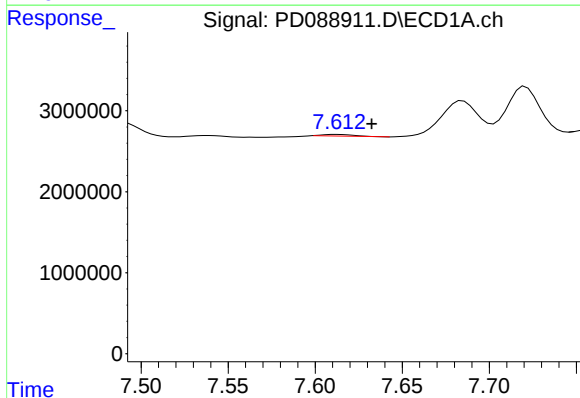
R.T.: 7.491 min
Delta R.T.: -0.005 min
Response: 2115011
Conc: 1.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-36-060525



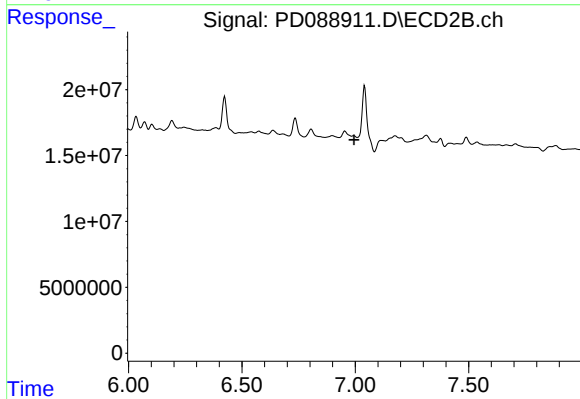
#20 Methoxychlor

R.T.: 6.735 min
Delta R.T.: -0.023 min
Response: 11057629
Conc: 1.15 ng/ml



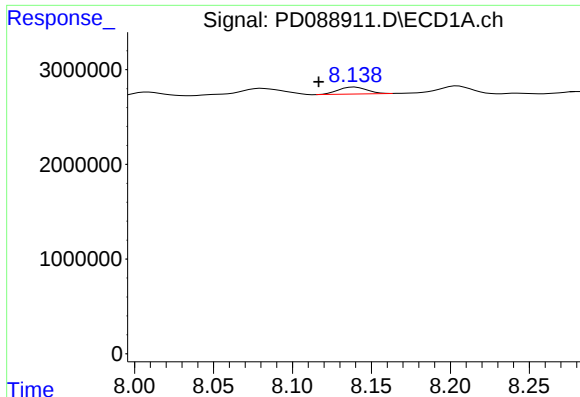
#21 Endrin ketone

R.T.: 7.613 min
Delta R.T.: -0.020 min
Response: 261153
Conc: 0.08 ng/ml



#21 Endrin ketone

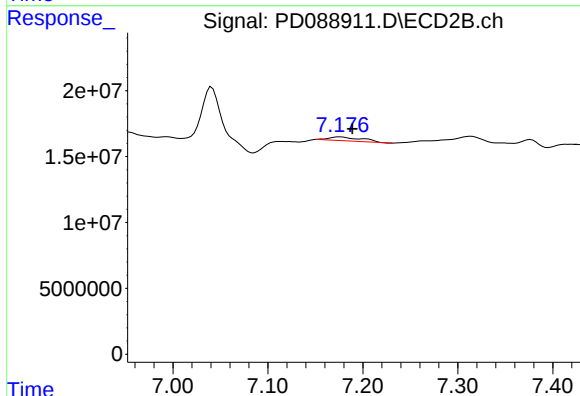
R.T.: 6.994 min
Delta R.T.: -0.001 min
Response: -684281
Conc: N.D.



#22 Mirex

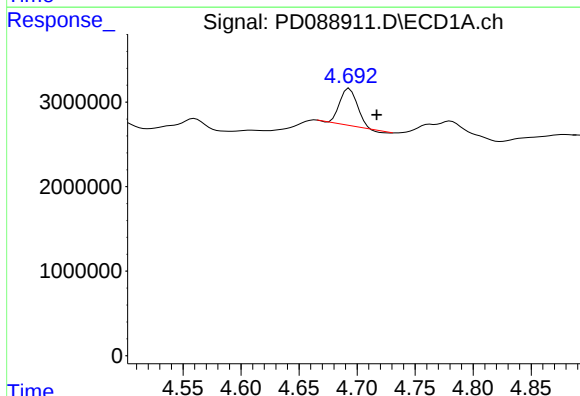
R.T.: 8.139 min
Delta R.T.: 0.023 min
Response: 933799
Conc: 0.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-36-060525



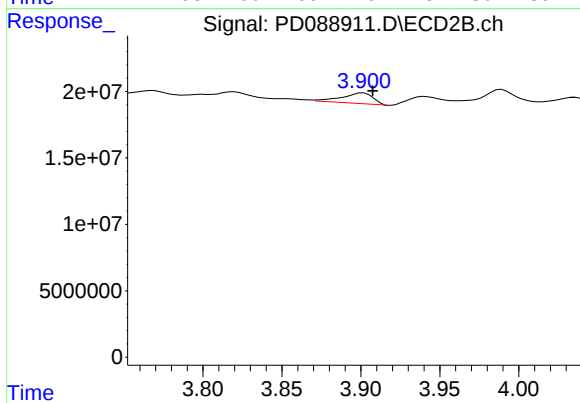
#22 Mirex

R.T.: 7.176 min
Delta R.T.: -0.013 min
Response: 7057933
Conc: 0.46 ng/ml



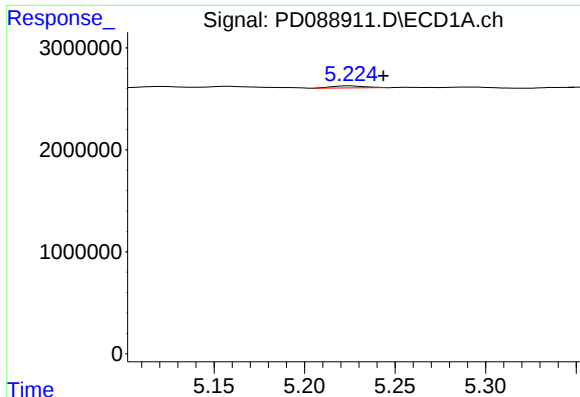
#23 Chlordane-1

R.T.: 4.693 min
Delta R.T.: -0.023 min
Response: 4292440
Conc: 23.82 ng/ml



#23 Chlordane-1

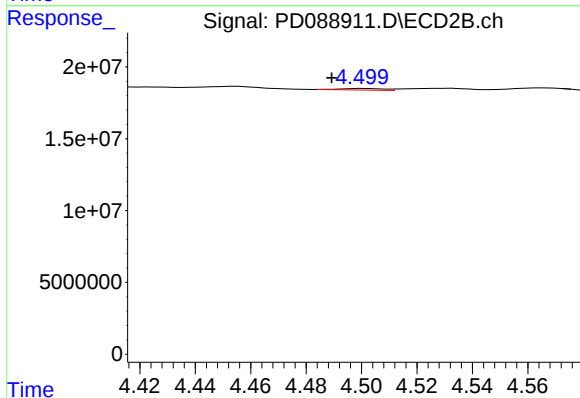
R.T.: 3.902 min
Delta R.T.: -0.006 min
Response: 11081520
Conc: 13.41 ng/ml



#24 Chlordane-2

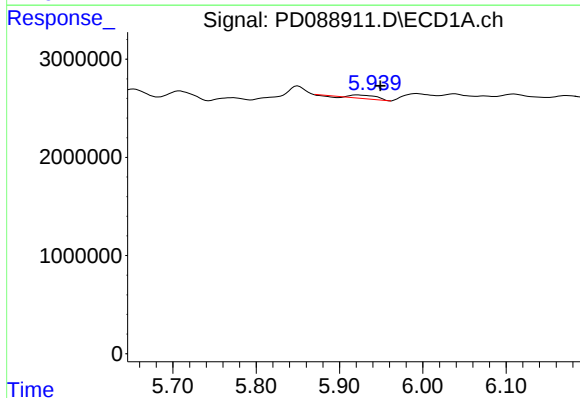
R.T.: 5.225 min
Delta R.T.: -0.018 min
Response: 250701
Conc: 1.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-36-060525



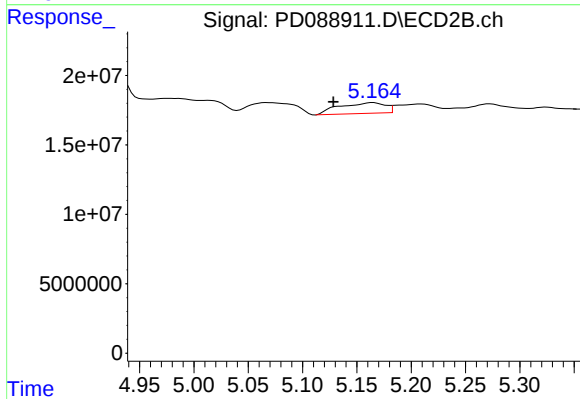
#24 Chlordane-2

R.T.: 4.501 min
Delta R.T.: 0.012 min
Response: 1199396
Conc: 1.42 ng/ml



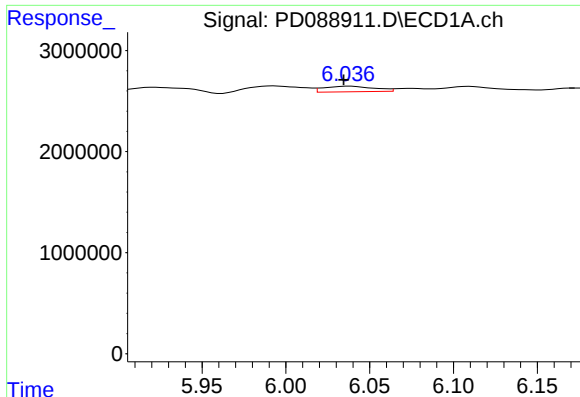
#25 Chlordane-3

R.T.: 5.922 min
Delta R.T.: -0.027 min
Response: 674032
Conc: 0.91 ng/ml



#25 Chlordane-3

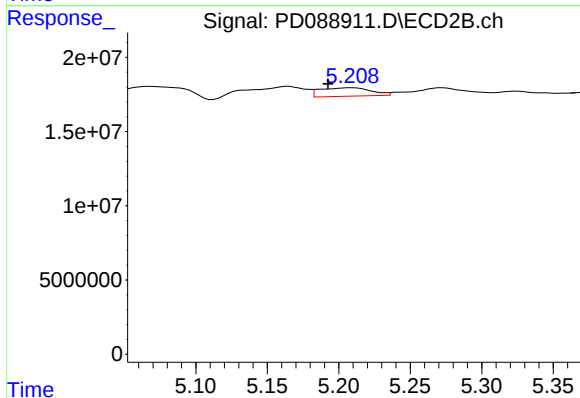
R.T.: 5.165 min
Delta R.T.: 0.036 min
Response: 22659559
Conc: 8.59 ng/ml



#26 Chlordane-4

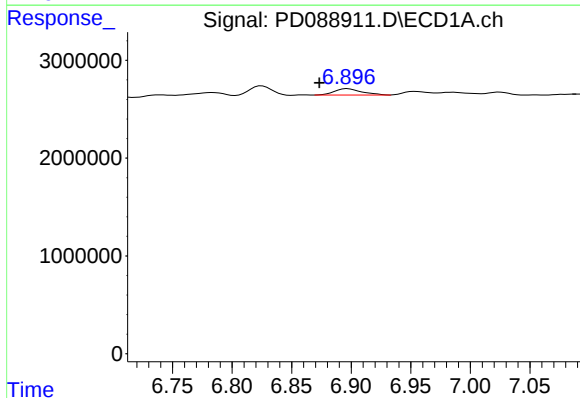
R.T.: 6.038 min
Delta R.T.: 0.004 min
Response: 1160456
Conc: 1.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-36-060525



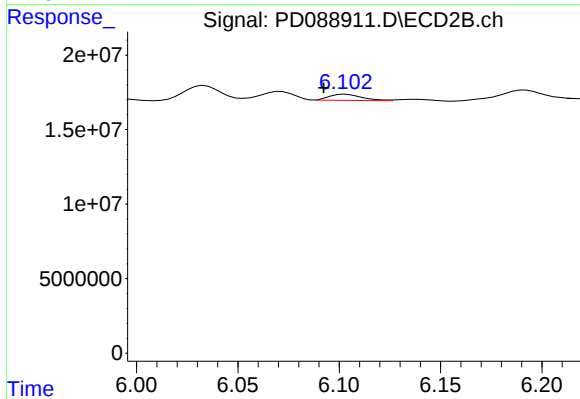
#26 Chlordane-4

R.T.: 5.209 min
Delta R.T.: 0.017 min
Response: 14230963
Conc: 6.43 ng/ml



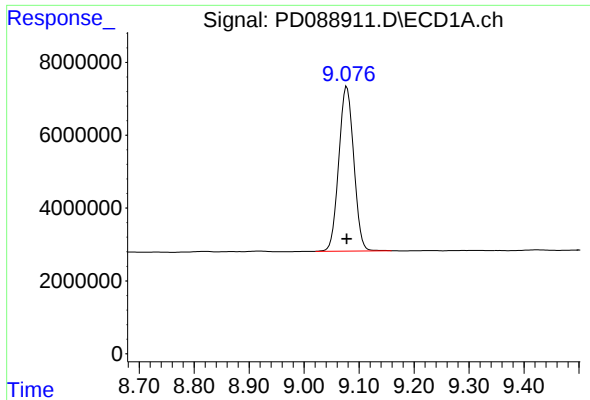
#27 Chlordane-5

R.T.: 6.897 min
Delta R.T.: 0.024 min
Response: 1023372
Conc: 6.73 ng/ml



#27 Chlordane-5

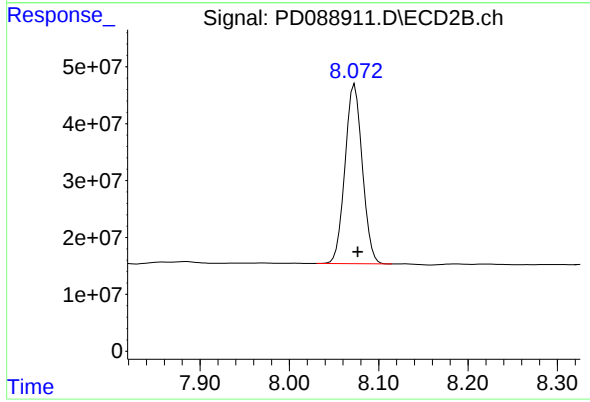
R.T.: 6.103 min
Delta R.T.: 0.011 min
Response: 4594398
Conc: 4.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.078 min
Delta R.T.: 0.000 min
Response: 85525113
Conc: 24.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-TC-36-060525



#28 Decachlorobiphenyl

R.T.: 8.073 min
Delta R.T.: -0.003 min
Response: 424989293
Conc: 23.28 ng/ml