

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080825\
 Data File : PD089791.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2025 11:17
 Operator : AR\AJ
 Sample : Q2747-09RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OU4-TS-GRILLO-TSCP02-073125

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 23:14:43 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...	3.547	2.878	20466624	172.4E6	8.298	10.888 #
28)	SA Decachlor...	9.066	8.065	38997525	245.9E6	10.494	12.249
Target Compounds							
2)	A alpha-BHC	0.000	3.397	0	15348199	N.D.	0.631 #
3)	MA gamma-BHC...	0.000	3.721	0	5787184	N.D.	0.257 #
4)	MA Heptachlor	4.950f	4.084	6347952	28194775	1.319	1.215
5)	MB Aldrin	5.292f	4.366	513919	3748665	0.113	0.168 #
6)	B beta-BHC	4.533f	4.025	223789	9267689	0.121	0.960 #
7)	B delta-BHC	4.775	4.267	1775130	5628700	0.387	0.248 #
8)	B Heptachlo...	5.678	4.867	16781893	13439023	4.014	0.654 #
10)	B gamma-Chl...	5.942	5.121	12385096	77057199	2.964	3.559
11)	B alpha-Chl...	6.026	5.184	27531926	221.3E6	6.549	10.628 #
12)	B 4,4'-DDE	6.191	5.369	21309279	192.2E6	5.713	9.091 #
13)	MA Dieldrin	6.341	5.503	471476	60128199	0.112	2.779 #
14)	MA Endrin	6.570	5.789	6921606	356.8E6	1.935	17.905 #
15)	B Endosulfa...	6.790	6.083	1791584	15976552	0.488	0.850 #
16)	A 4,4'-DDD	6.717	5.923	17061741	12059739	5.697	0.684 #
17)	MA 4,4'-DDT	7.015	6.174	2295248	46548241	0.683	2.534 #
18)	B Endrin al...	6.926	6.275f	436294	5565631	0.175	0.431 #
19)	B Endosulfa...	7.138	6.474	216907	6957031	0.063	0.375 #
20)	A Methoxychlor	7.488	6.730f	437578	22431188	0.245	2.290 #
21)	B Endrin ke...	7.612f	7.017f	1139116	1399430	0.307	0.070 #
22)	Mirex	8.114	7.176	110203	4959087	0.040	0.326 #
23)	Chlordane-1	4.710	3.900	2012012	50465928	12.080	68.999 #
24)	Chlordane-2	5.233	4.487	4799624	130.2E6	28.246	170.278 #
25)	Chlordane-3	5.942	5.121	12385096	77057199	18.059	33.296 #
26)	Chlordane-4	6.026	5.184	27531926	221.3E6	32.889	111.234 #
27)	Chlordane-5	6.867	6.083	937023	15976552	6.495	17.659 #

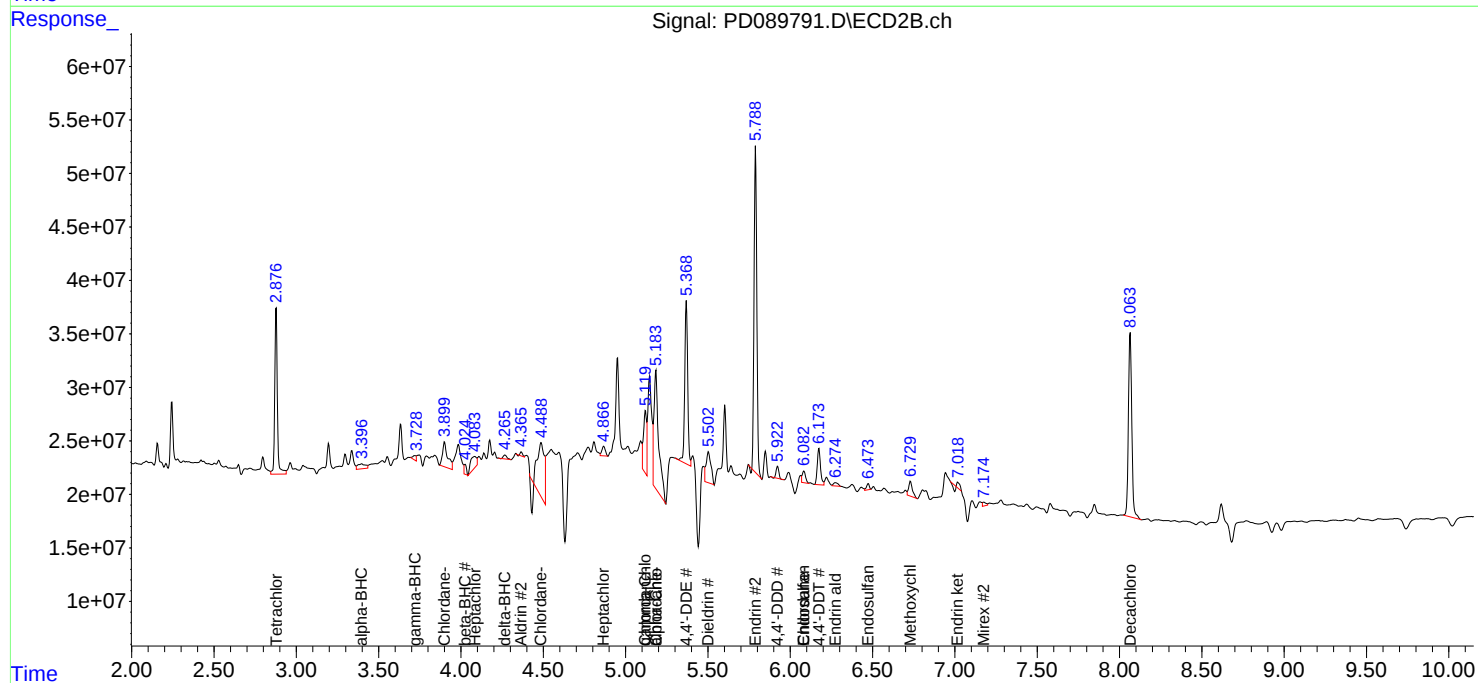
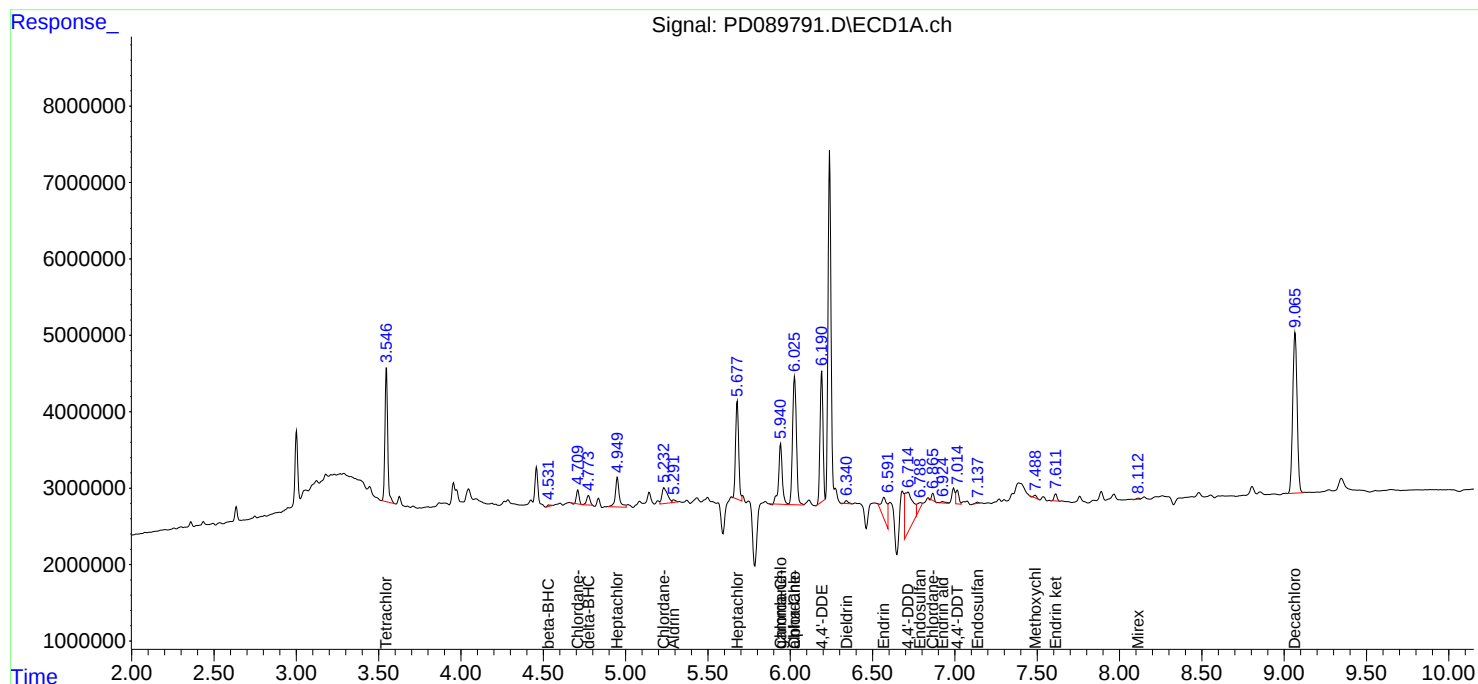
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

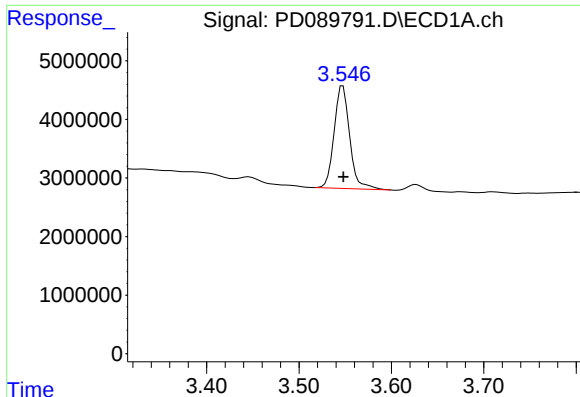
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080825\
Data File : PD089791.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Aug 2025 11:17
Operator : AR\AJ
Sample : Q2747-09RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-TSCP02-073125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 23:14:43 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

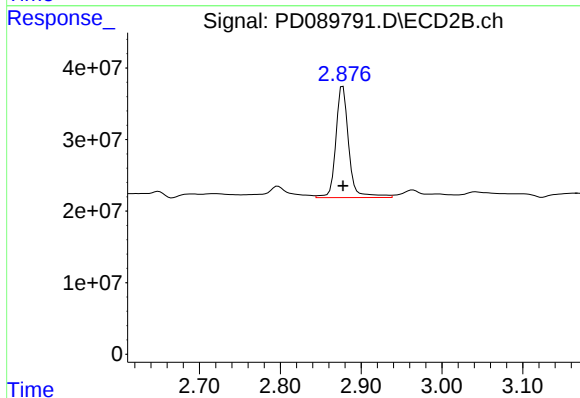




#1 Tetrachloro-m-xylene

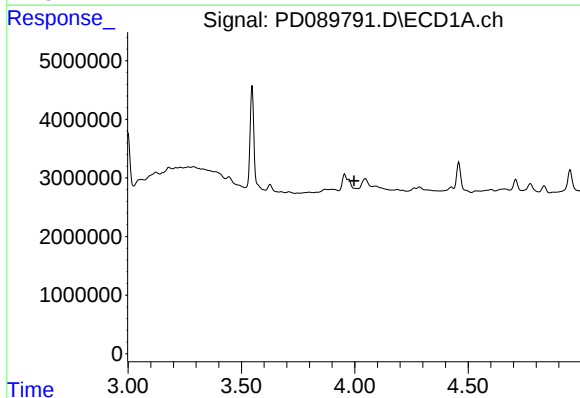
R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 20466624
Conc: 8.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-TSCP02-073125



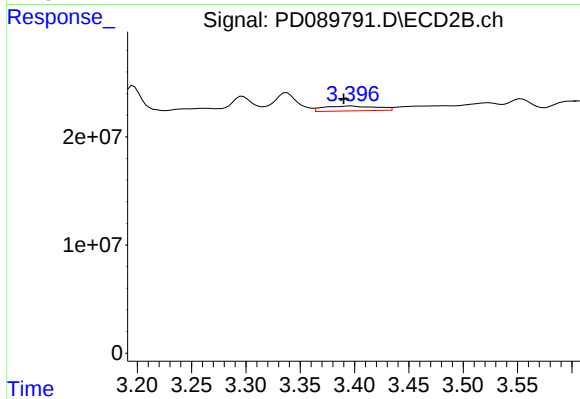
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 172448776
Conc: 10.89 ng/ml



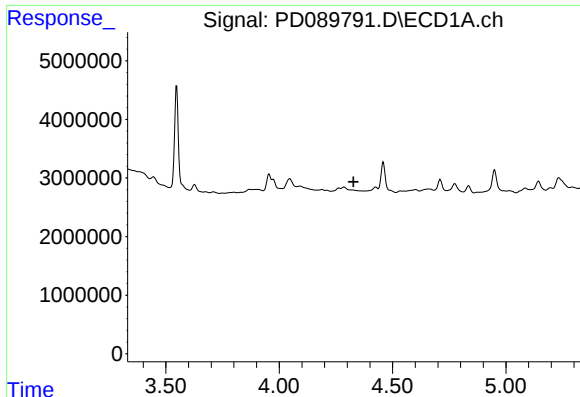
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.997 min
Response: 0
Conc: N.D.



#2 alpha-BHC

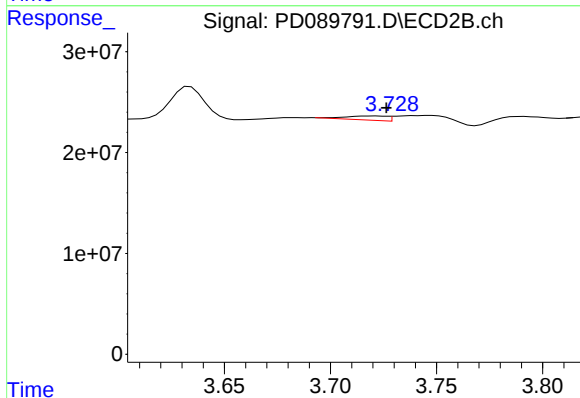
R.T.: 3.397 min
Delta R.T.: 0.007 min
Response: 15348199
Conc: 0.63 ng/ml



#3 gamma-BHC (Lindane)

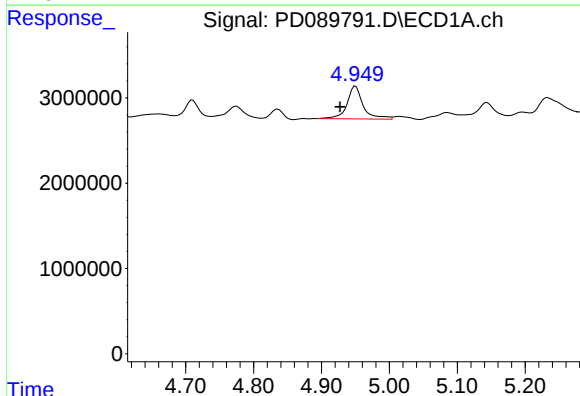
R.T.: 0.000 min
Exp R.T.: 4.328 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-TSCP02-073125



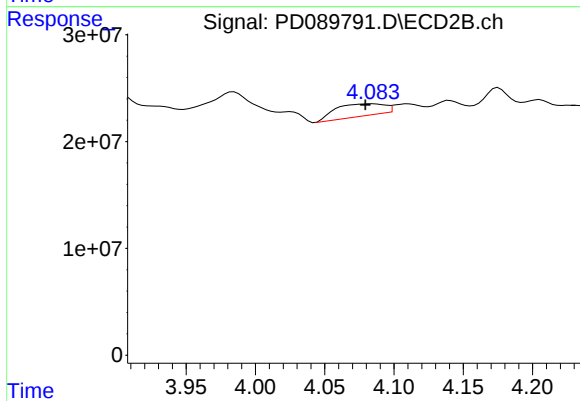
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.006 min
Response: 5787184
Conc: 0.26 ng/ml



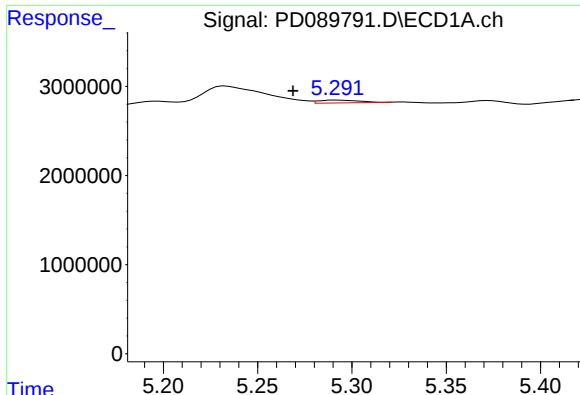
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.023 min
Response: 6347952
Conc: 1.32 ng/ml



#4 Heptachlor

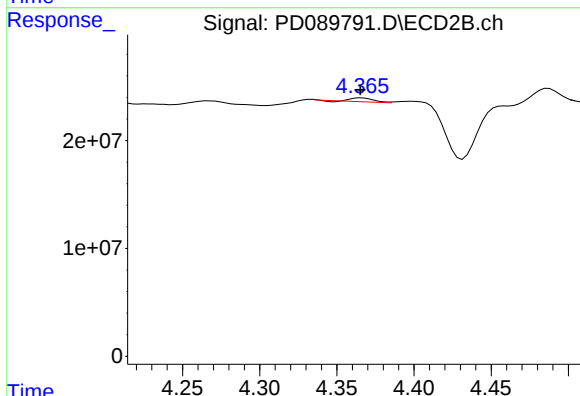
R.T.: 4.084 min
Delta R.T.: 0.005 min
Response: 28194775
Conc: 1.21 ng/ml



#5 Aldrin

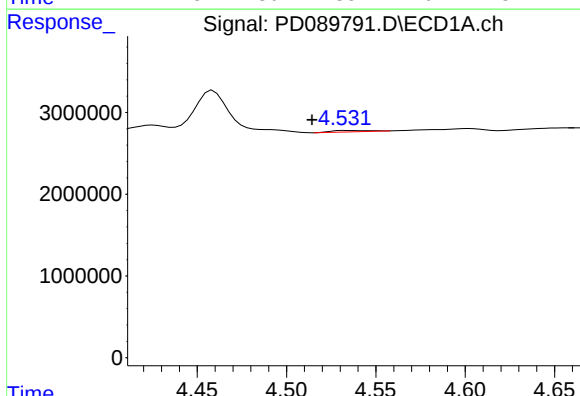
R.T.: 5.292 min
Delta R.T.: 0.024 min
Response: 513919
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-TSCP02-073125



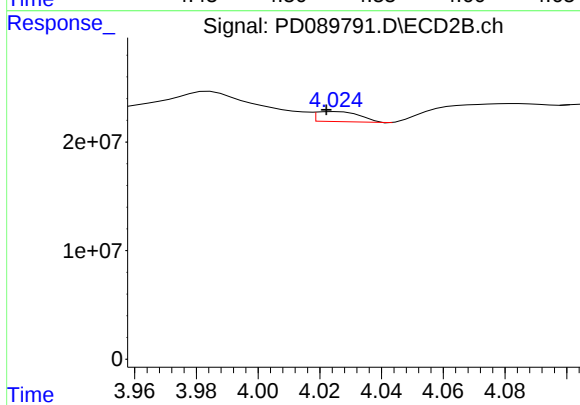
#5 Aldrin

R.T.: 4.366 min
Delta R.T.: 0.001 min
Response: 3748665
Conc: 0.17 ng/ml



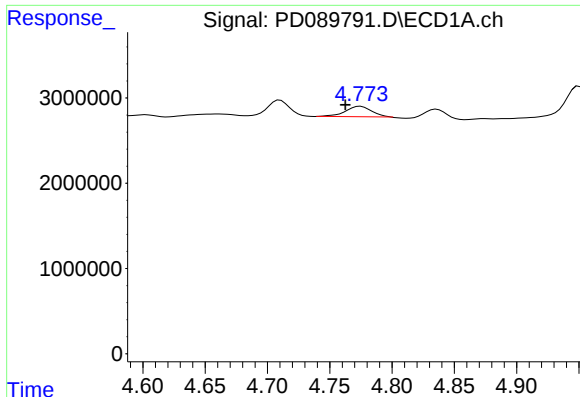
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.019 min
Response: 223789
Conc: 0.12 ng/ml



#6 beta-BHC

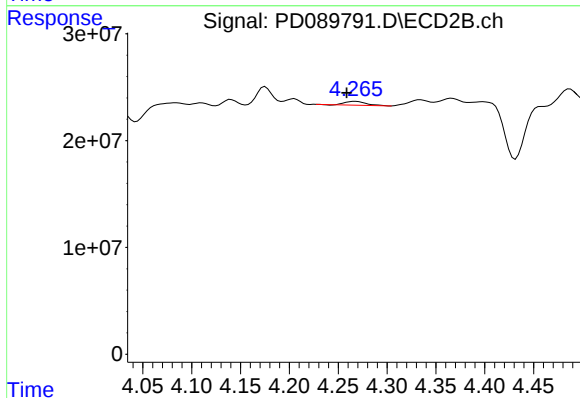
R.T.: 4.025 min
Delta R.T.: 0.003 min
Response: 9267689
Conc: 0.96 ng/ml



#7 delta-BHC

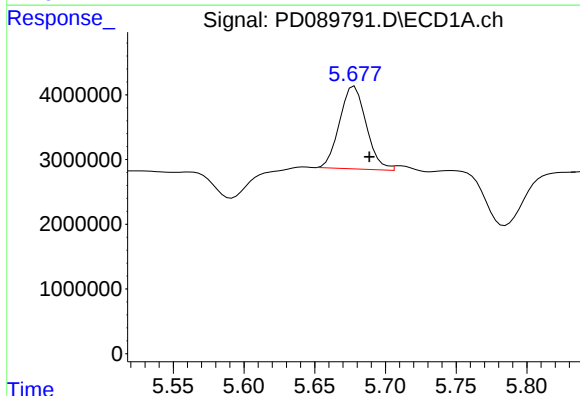
R.T.: 4.775 min
Delta R.T.: 0.012 min
Response: 1775130
Conc: 0.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-TSCP02-073125



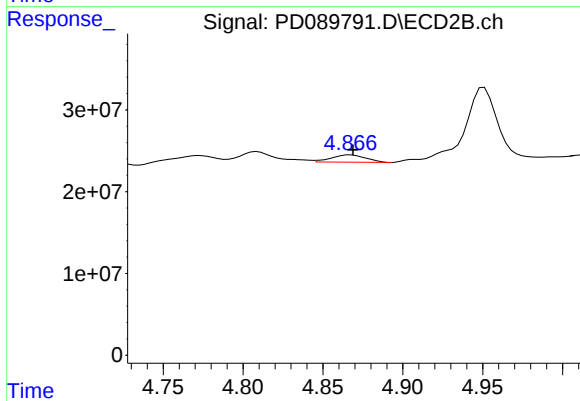
#7 delta-BHC

R.T.: 4.267 min
Delta R.T.: 0.008 min
Response: 5628700
Conc: 0.25 ng/ml



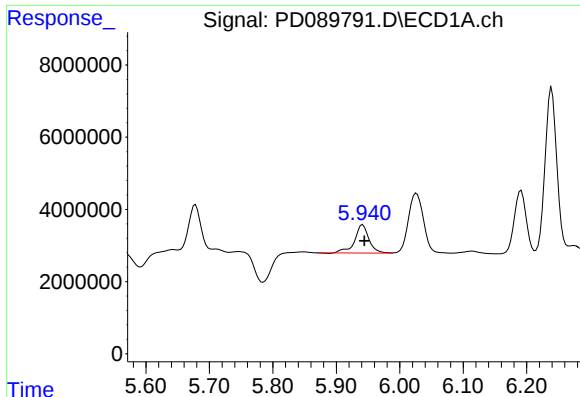
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.011 min
Response: 16781893
Conc: 4.01 ng/ml



#8 Heptachlor epoxide

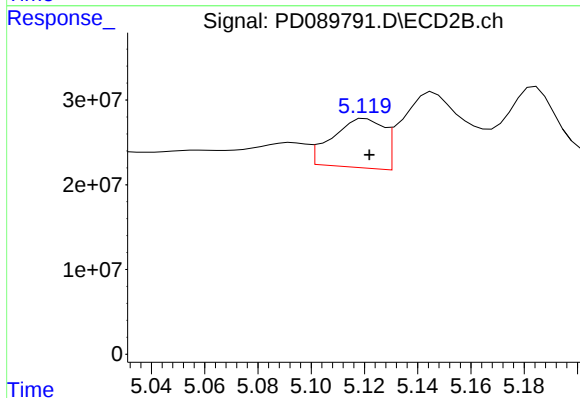
R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 13439023
Conc: 0.65 ng/ml



#10 gamma-Chlordane

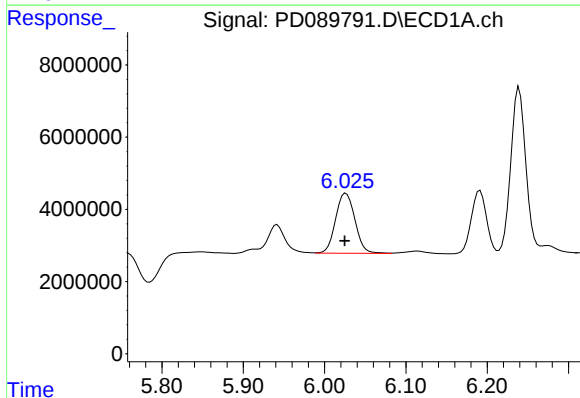
R.T.: 5.942 min
Delta R.T.: -0.003 min
Response: 12385096
Conc: 2.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-TSCP02-073125



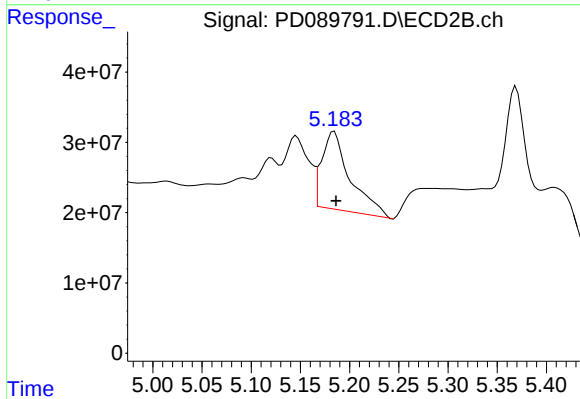
#10 gamma-Chlordane

R.T.: 5.121 min
Delta R.T.: -0.001 min
Response: 77057199
Conc: 3.56 ng/ml



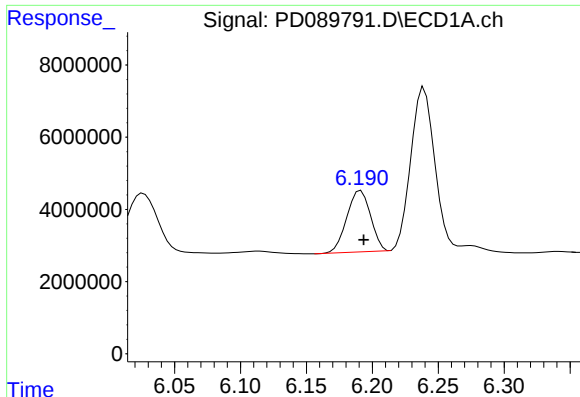
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.002 min
Response: 27531926
Conc: 6.55 ng/ml



#11 alpha-Chlordane

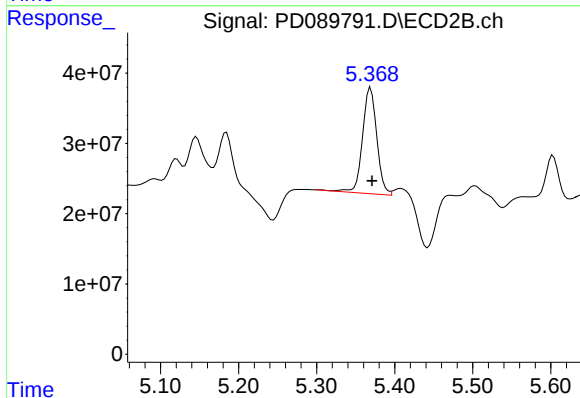
R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 221304927
Conc: 10.63 ng/ml



#12 4,4'-DDE

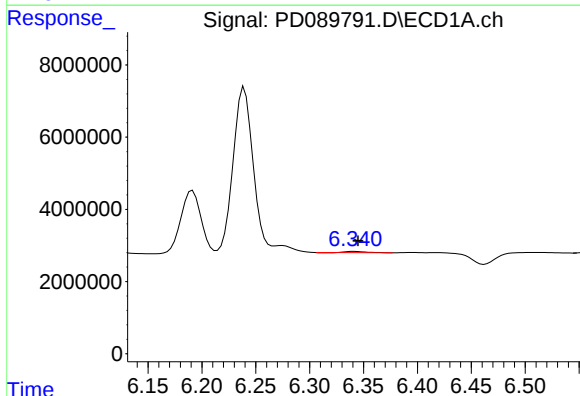
R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 21309279
Conc: 5.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-TSCP02-073125



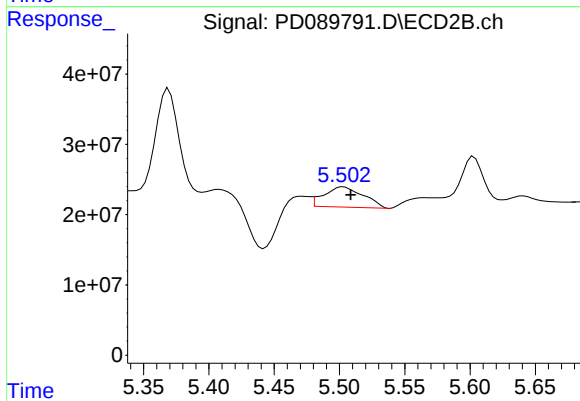
#12 4,4'-DDE

R.T.: 5.369 min
Delta R.T.: -0.002 min
Response: 192159143
Conc: 9.09 ng/ml



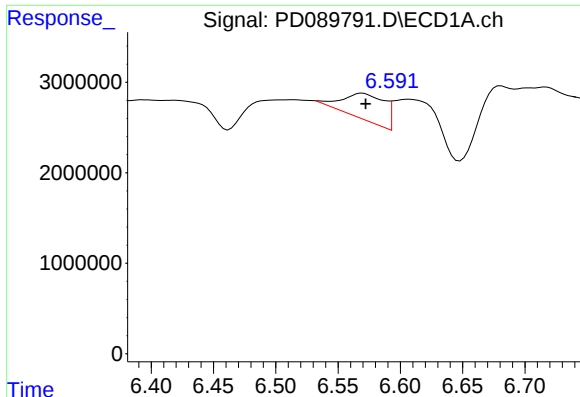
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.004 min
Response: 471476
Conc: 0.11 ng/ml



#13 Dieldrin

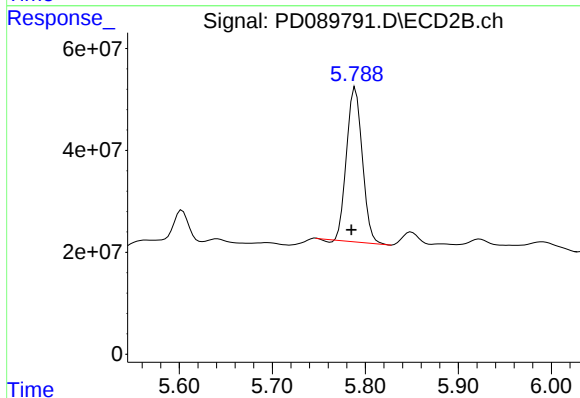
R.T.: 5.503 min
Delta R.T.: -0.006 min
Response: 60128199
Conc: 2.78 ng/ml



#14 Endrin

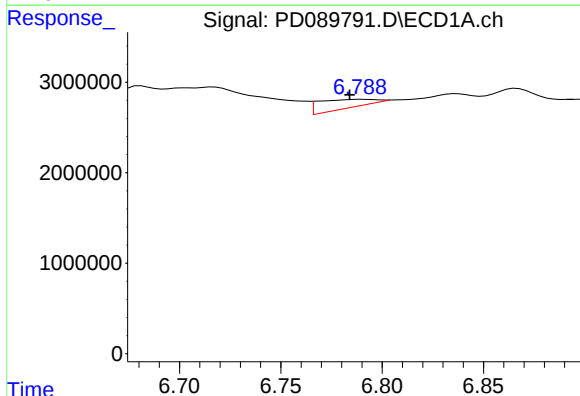
R.T.: 6.570 min
Delta R.T.: -0.002 min
Response: 6921606
Conc: 1.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-TSCP02-073125



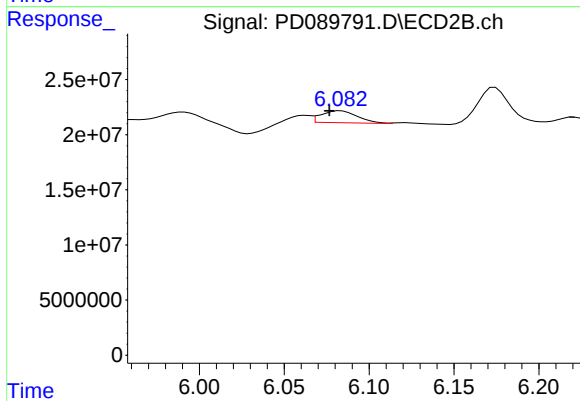
#14 Endrin

R.T.: 5.789 min
Delta R.T.: 0.004 min
Response: 356763910
Conc: 17.91 ng/ml



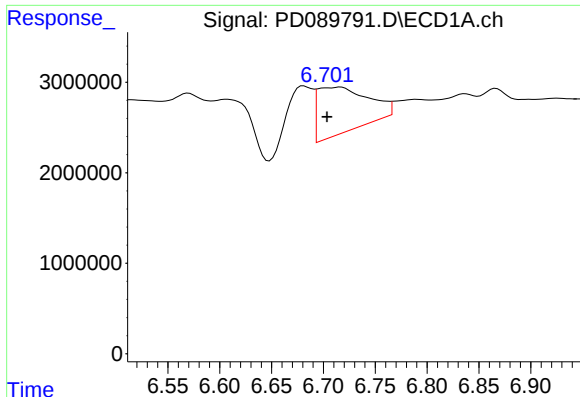
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: 0.006 min
Response: 1791584
Conc: 0.49 ng/ml



#15 Endosulfan II

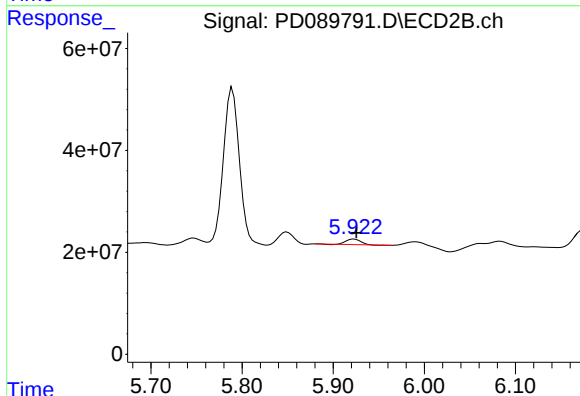
R.T.: 6.083 min
Delta R.T.: 0.006 min
Response: 15976552
Conc: 0.85 ng/ml



#16 4,4'-DDD

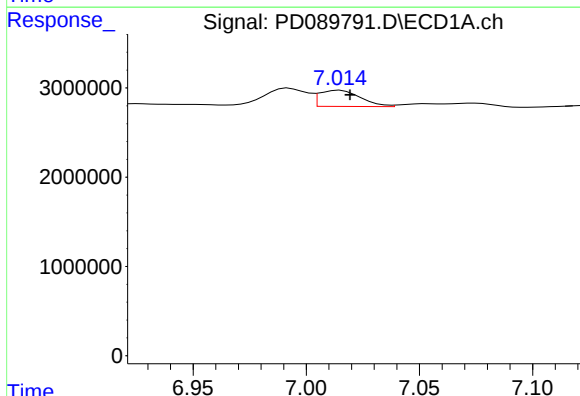
R.T.: 6.717 min
Delta R.T.: 0.013 min
Response: 17061741
Conc: 5.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-TSCP02-073125



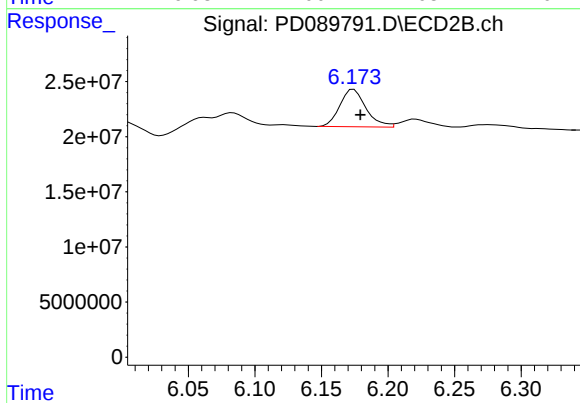
#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 12059739
Conc: 0.68 ng/ml



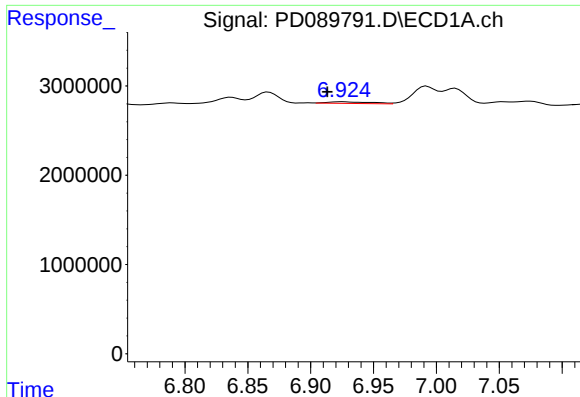
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: -0.004 min
Response: 2295248
Conc: 0.68 ng/ml



#17 4,4'-DDT

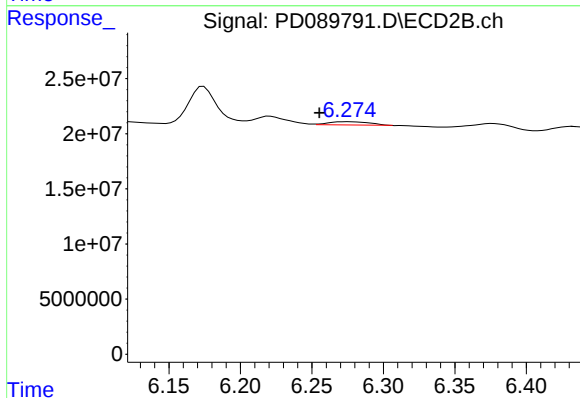
R.T.: 6.174 min
Delta R.T.: -0.005 min
Response: 46548241
Conc: 2.53 ng/ml



#18 Endrin aldehyde

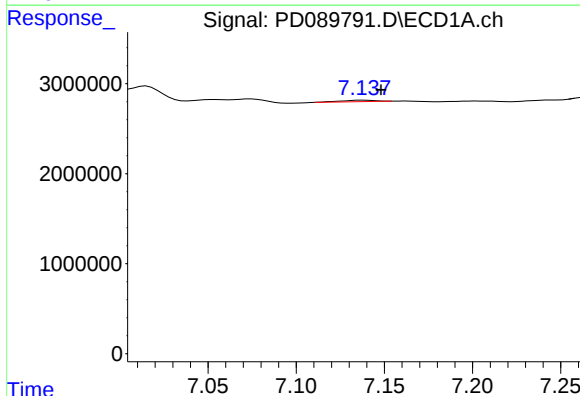
R.T.: 6.926 min
Delta R.T.: 0.012 min
Response: 436294
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-TSCP02-073125



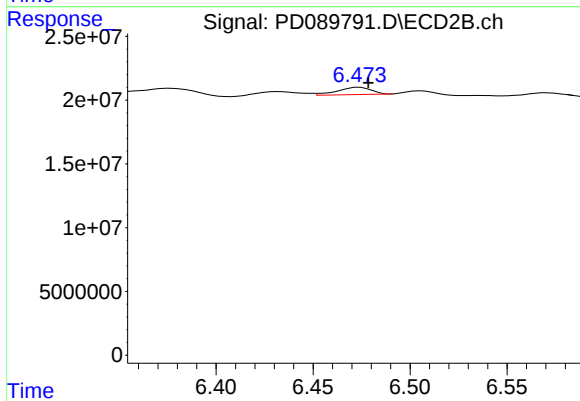
#18 Endrin aldehyde

R.T.: 6.275 min
Delta R.T.: 0.019 min
Response: 5565631
Conc: 0.43 ng/ml



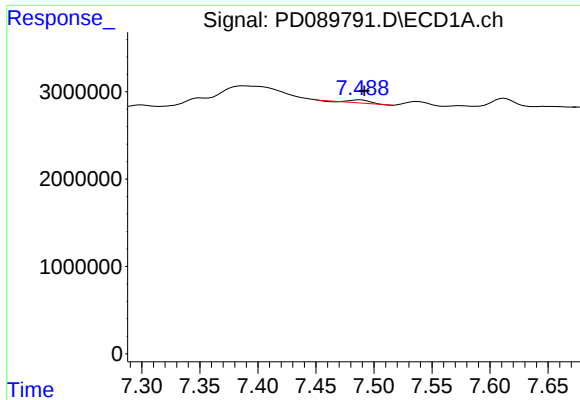
#19 Endosulfan Sulfate

R.T.: 7.138 min
Delta R.T.: -0.010 min
Response: 216907
Conc: 0.06 ng/ml



#19 Endosulfan Sulfate

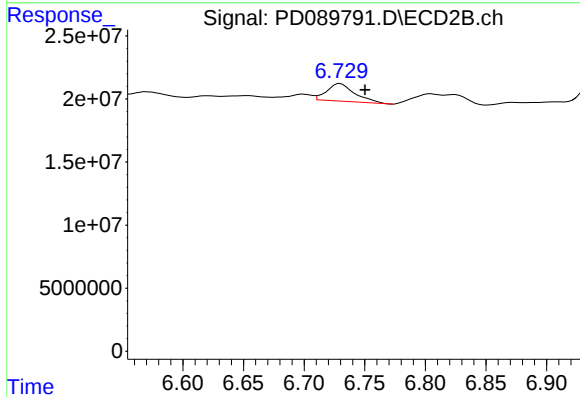
R.T.: 6.474 min
Delta R.T.: -0.004 min
Response: 6957031
Conc: 0.37 ng/ml



#20 Methoxychlor

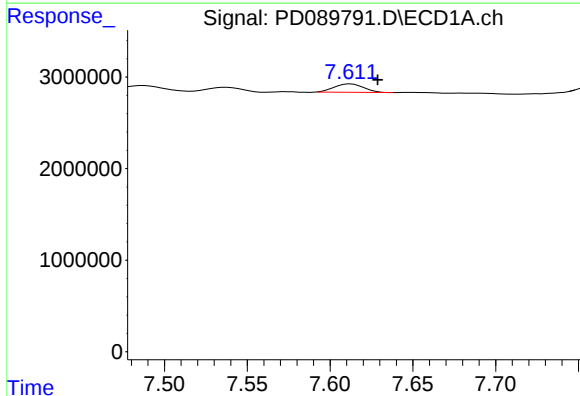
R.T.: 7.488 min
Delta R.T.: -0.004 min
Response: 437578
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-TSCP02-073125



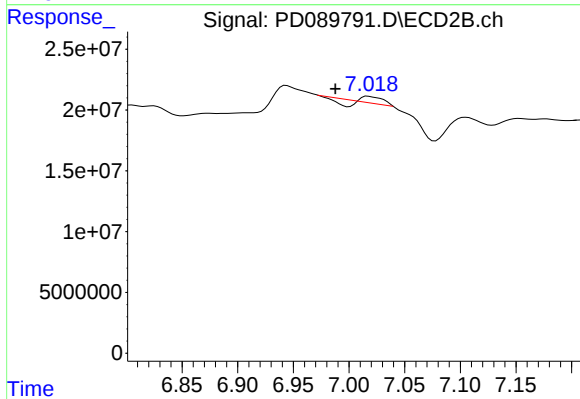
#20 Methoxychlor

R.T.: 6.730 min
Delta R.T.: -0.020 min
Response: 22431188
Conc: 2.29 ng/ml



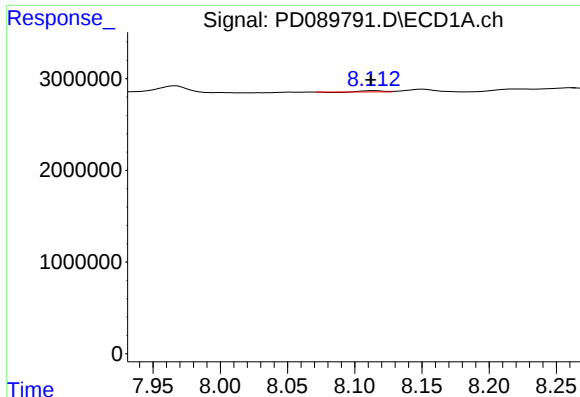
#21 Endrin ketone

R.T.: 7.612 min
Delta R.T.: -0.016 min
Response: 1139116
Conc: 0.31 ng/ml



#21 Endrin ketone

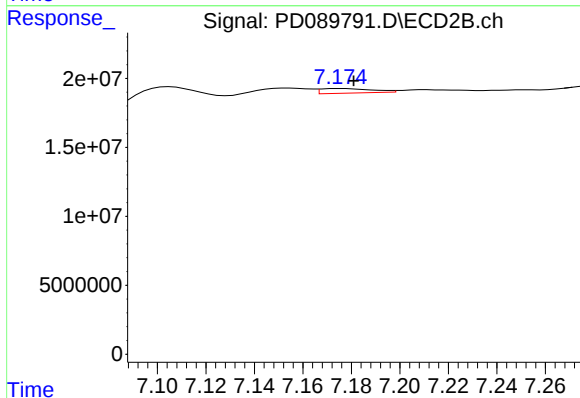
R.T.: 7.017 min
Delta R.T.: 0.030 min
Response: 1399430
Conc: 0.07 ng/ml



#22 Mirex

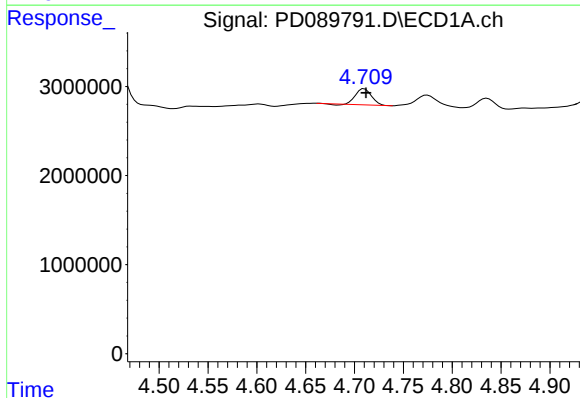
R.T.: 8.114 min
Delta R.T.: 0.002 min
Response: 110203
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-TSCP02-073125



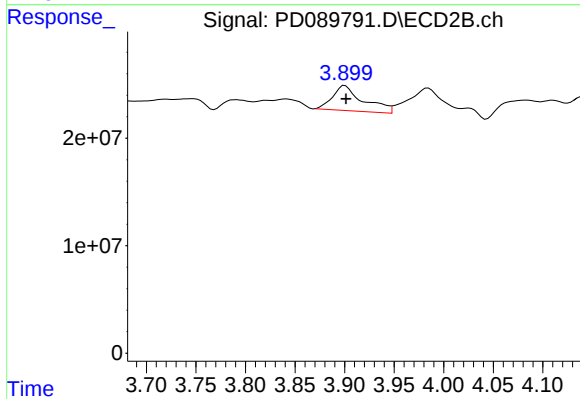
#22 Mirex

R.T.: 7.176 min
Delta R.T.: -0.005 min
Response: 4959087
Conc: 0.33 ng/ml



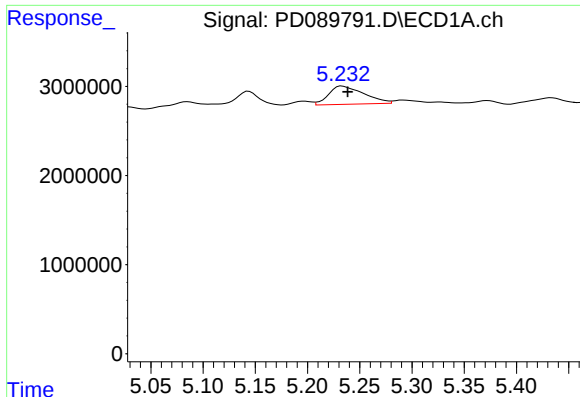
#23 Chlordane-1

R.T.: 4.710 min
Delta R.T.: -0.002 min
Response: 2012012
Conc: 12.08 ng/ml



#23 Chlordane-1

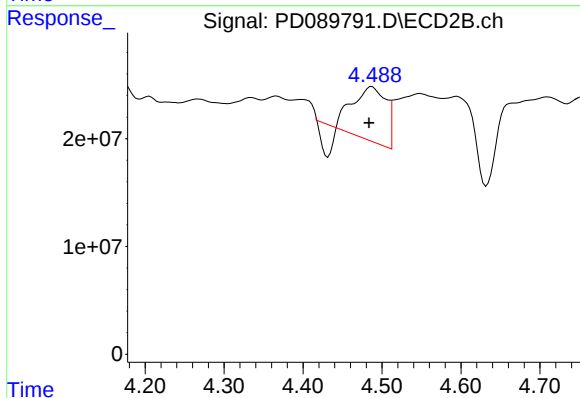
R.T.: 3.900 min
Delta R.T.: -0.001 min
Response: 50465928
Conc: 69.00 ng/ml



#24 Chlordane-2

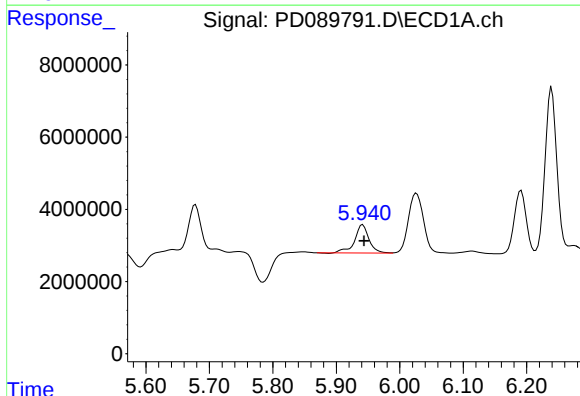
R.T.: 5.233 min
Delta R.T.: -0.005 min
Response: 4799624
Conc: 28.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-TSCP02-073125



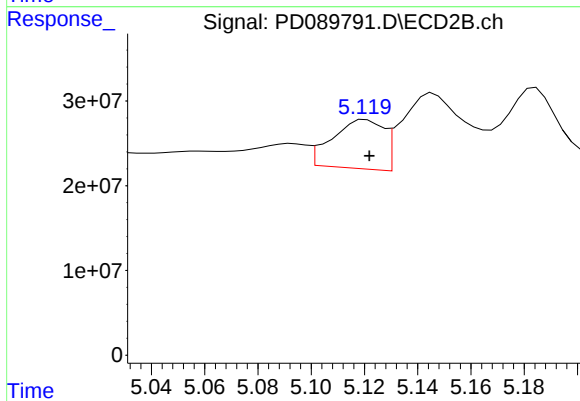
#24 Chlordane-2

R.T.: 4.487 min
Delta R.T.: 0.004 min
Response: 130153869
Conc: 170.28 ng/ml



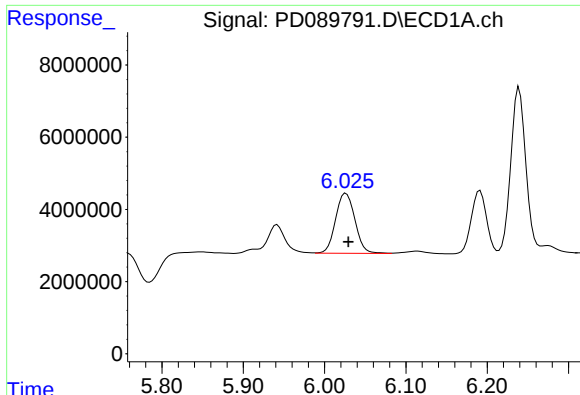
#25 Chlordane-3

R.T.: 5.942 min
Delta R.T.: -0.002 min
Response: 12385096
Conc: 18.06 ng/ml



#25 Chlordane-3

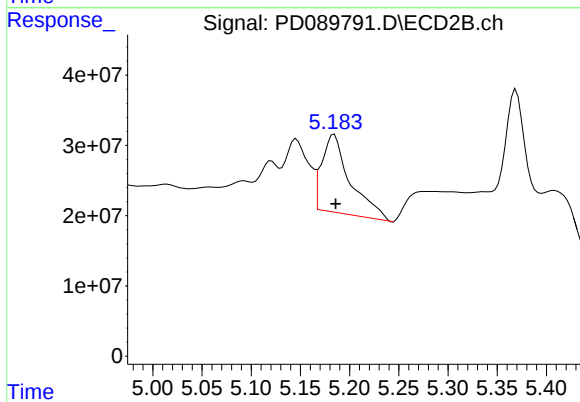
R.T.: 5.121 min
Delta R.T.: -0.001 min
Response: 77057199
Conc: 33.30 ng/ml



#26 Chlordane-4

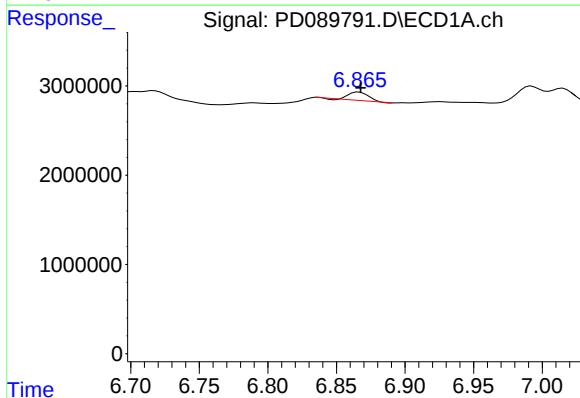
R.T.: 6.026 min
Delta R.T.: -0.003 min
Response: 27531926
Conc: 32.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-TSCP02-073125



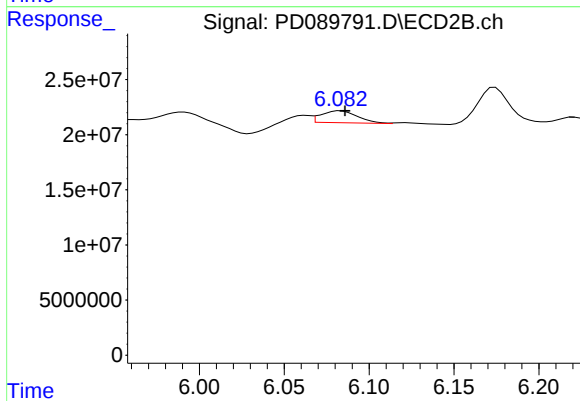
#26 Chlordane-4

R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 221304927
Conc: 111.23 ng/ml



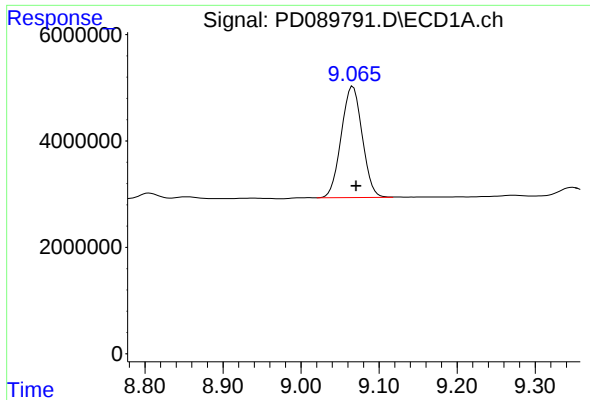
#27 Chlordane-5

R.T.: 6.867 min
Delta R.T.: -0.001 min
Response: 937023
Conc: 6.50 ng/ml



#27 Chlordane-5

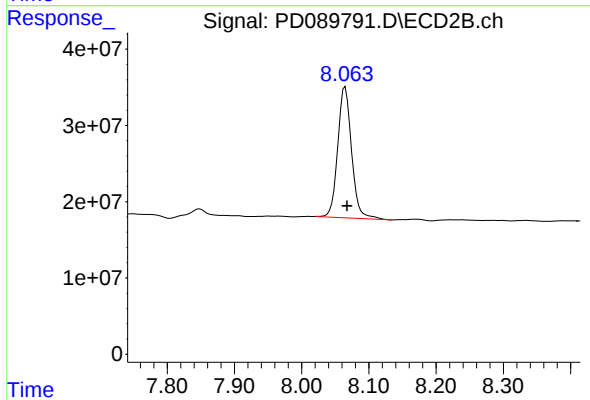
R.T.: 6.083 min
Delta R.T.: -0.003 min
Response: 15976552
Conc: 17.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: -0.004 min
Response: 38997525
Conc: 10.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-GRILLO-TSCP02-073125



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: -0.003 min
Response: 245941226
Conc: 12.25 ng/ml