

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072425\
 Data File : PD089614.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jul 2025 19:24
 Operator : AR\AJ
 Sample : Q2639-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OU4-TS-40-071725

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 02:14:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 22 04:39:29 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...	3.548	2.879	45931223	561.5E6	15.941	28.697 #
28)	SA Decachlor...	9.071	8.066	28634739	230.0E6	6.972	9.362 #
Target Compounds							
2)	A alpha-BHC	3.976f	3.381	4601219	52622109	0.806	1.751 #
3)	MA gamma-BHC...	4.335	3.732	2195832	14130061	0.398	0.509 #
4)	MA Heptachlor	4.944f	4.092	7608795	8801143	1.395	0.314 #
5)	MB Aldrin	5.251f	4.368	4895775	8581959	0.936	0.313 #
6)	B beta-BHC	4.488f	0.000	1844144	0	0.855	N.D. #
7)	B delta-BHC	4.776	4.254	6246720	4108711	1.182	0.147 #
8)	B Heptachlo...	5.684	4.868	12550692	10669286	2.657	0.429 #
9)	A Endosulfan I	6.095f	5.264f	12855111	151.6E6	2.892	6.384 #
10)	B gamma-Chl...	5.941	5.121	4528535	92695584	0.955	3.465 #
11)	B alpha-Chl...	6.027	5.186	8720142	124.0E6	1.829	4.806 #
12)	B 4,4'-DDE	6.195	5.373	1033819	28138204	0.241	1.072 #
13)	MA Dieldrin	6.348	5.508	-1955307	126.1E6	N.D.	4.771
14)	MA Endrin	6.572	5.788	7874396	25850297	1.934	1.069 #
15)	B Endosulfa...	6.774	6.077	1875787	77391069	0.461	3.370 #
16)	A 4,4'-DDD	6.697	5.925	19366377	39787023	5.715	1.815 #
17)	MA 4,4'-DDT	7.018	6.177	12287711	96729100	3.257	4.132 #
18)	B Endrin al...	6.918	6.272f	7520912	19258375	2.580	1.160 #
19)	B Endosulfa...	7.145	6.498f	25073	19367763	0.007	0.872 #
22)	Mirex	0.000	7.192	0	12797199	N.D.	0.662 #
23)	Chlordane-1	4.711	3.901	-3132097	59319473	N.D.	63.876
24)	Chlordane-2	5.251	4.483	4895775	1539049	24.346	1.570 #
25)	Chlordane-3	5.941	5.121	4528535	92695584	5.812	32.108 #
26)	Chlordane-4	6.027	5.186	8720142	124.0E6	9.186	51.388 #
27)	Chlordane-5	6.862	6.077	6084888	77391069	36.896	66.234 #

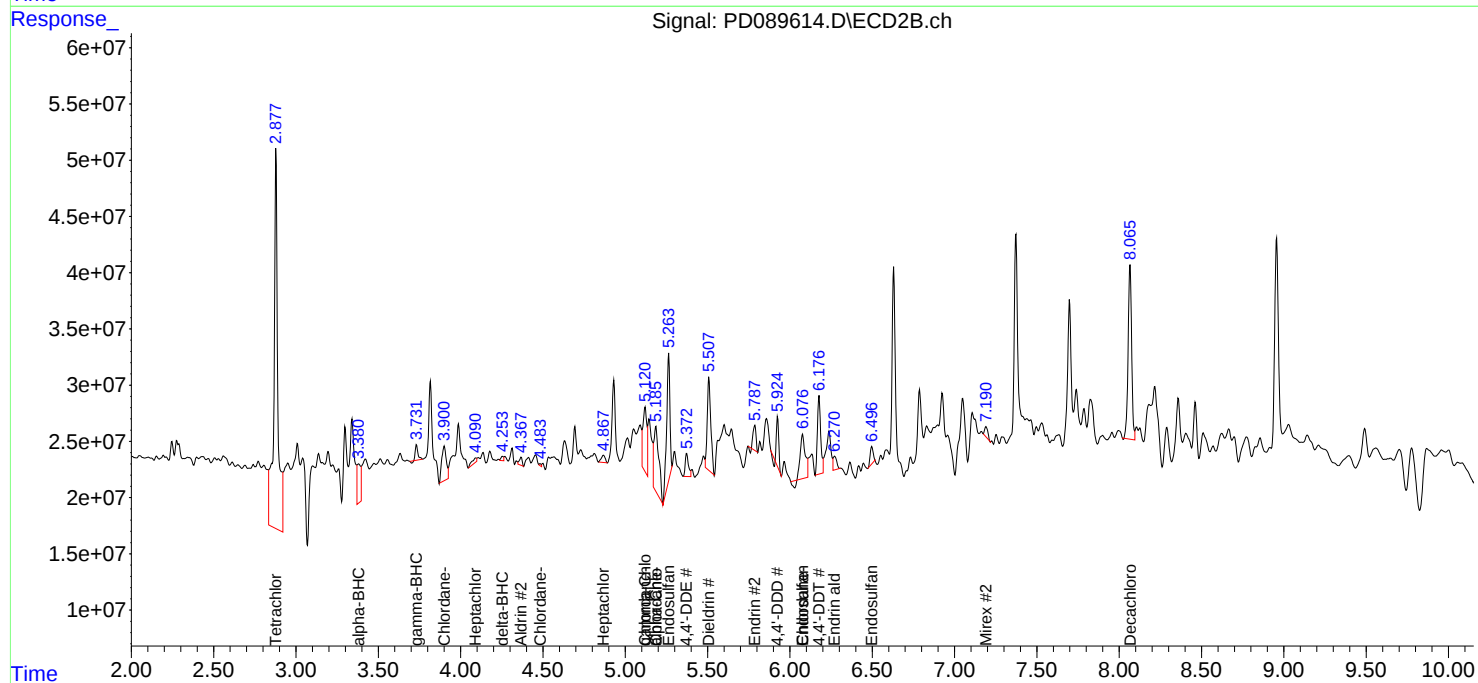
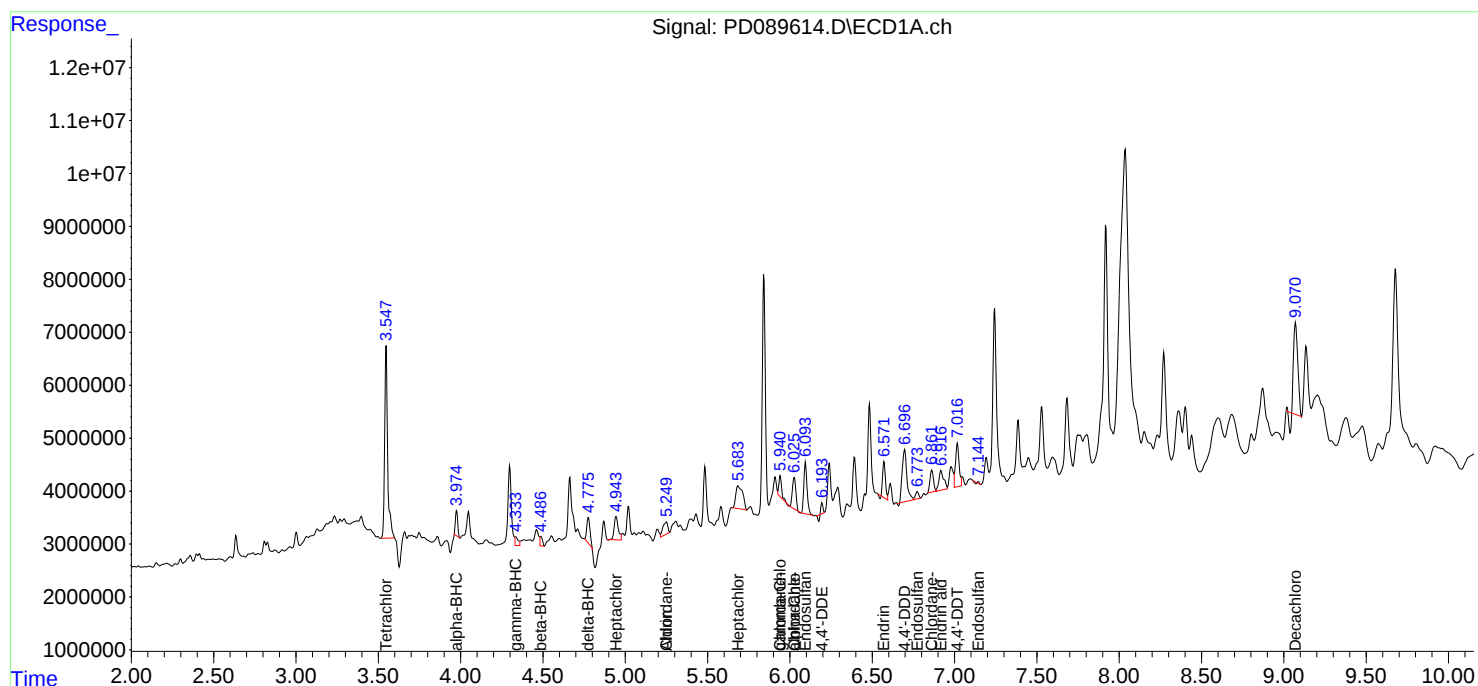
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

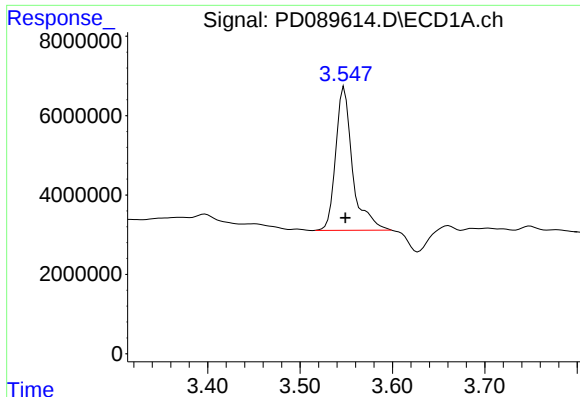
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072425\
Data File : PD089614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 19:24
Operator : AR\AJ
Sample : Q2639-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
OU4-TS-40-071725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 02:14:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 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

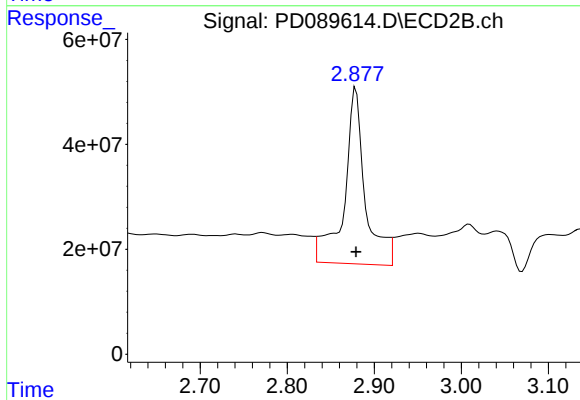




#1 Tetrachloro-m-xylene

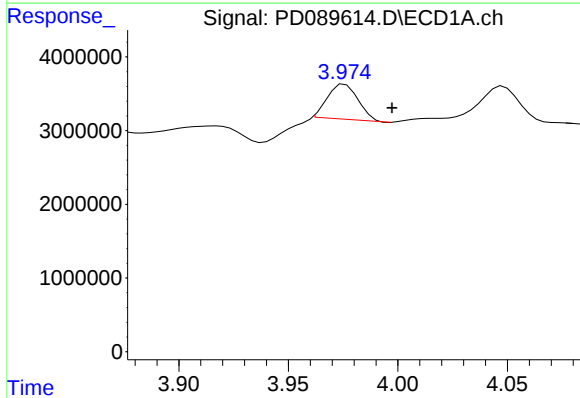
R.T.: 3.548 min
Delta R.T.: -0.001 min
Response: 45931223
Conc: 15.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-40-071725



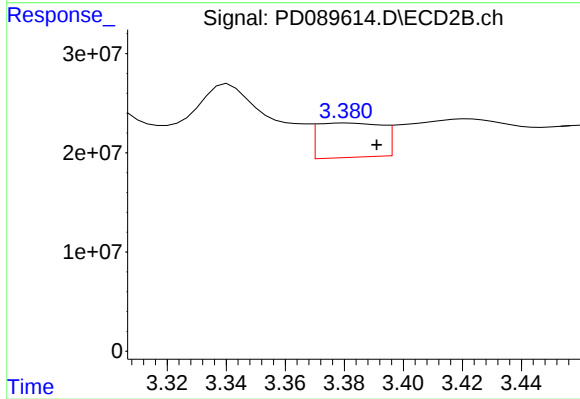
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: 0.000 min
Response: 561484509
Conc: 28.70 ng/ml



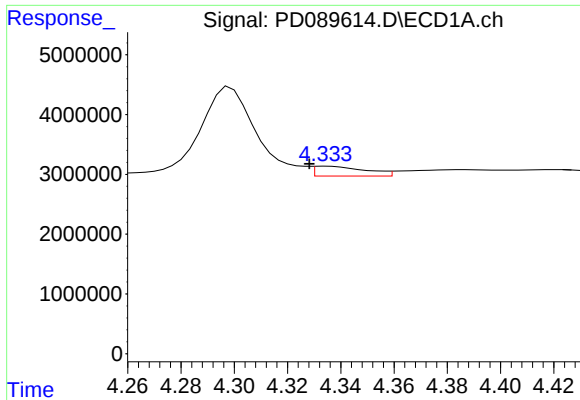
#2 alpha-BHC

R.T.: 3.976 min
Delta R.T.: -0.021 min
Response: 4601219
Conc: 0.81 ng/ml



#2 alpha-BHC

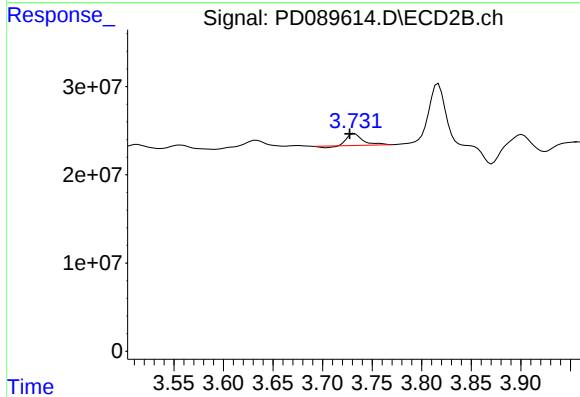
R.T.: 3.381 min
Delta R.T.: -0.010 min
Response: 52622109
Conc: 1.75 ng/ml



#3 gamma-BHC (Lindane)

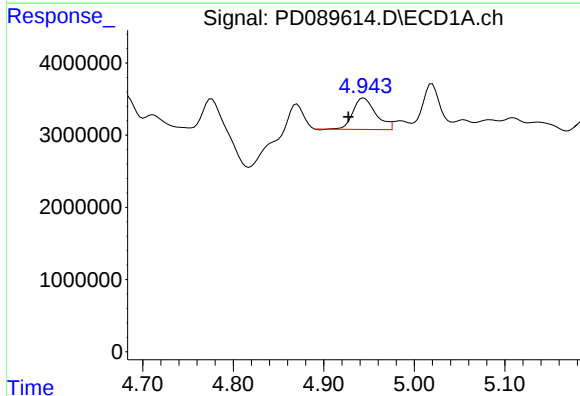
R.T.: 4.335 min
Delta R.T.: 0.006 min
Response: 2195832
Conc: 0.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-40-071725



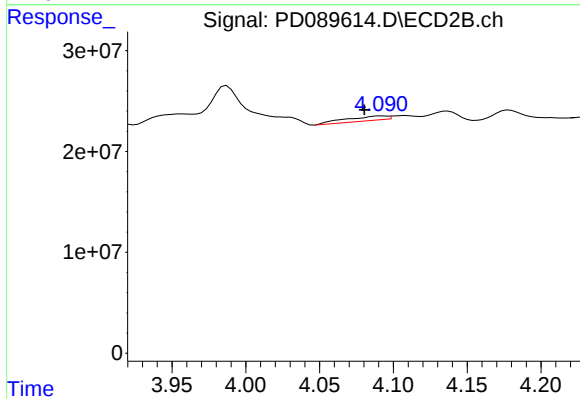
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: 0.005 min
Response: 14130061
Conc: 0.51 ng/ml



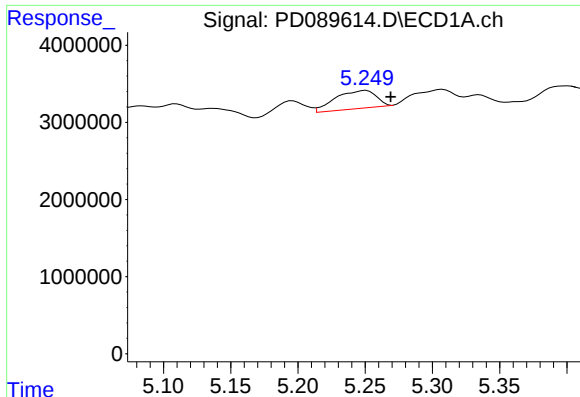
#4 Heptachlor

R.T.: 4.944 min
Delta R.T.: 0.017 min
Response: 7608795
Conc: 1.40 ng/ml



#4 Heptachlor

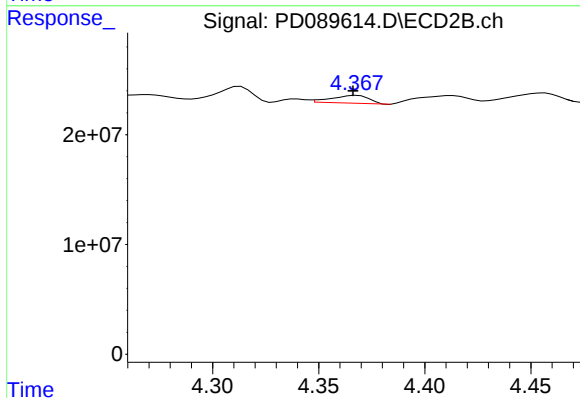
R.T.: 4.092 min
Delta R.T.: 0.012 min
Response: 8801143
Conc: 0.31 ng/ml



#5 Aldrin

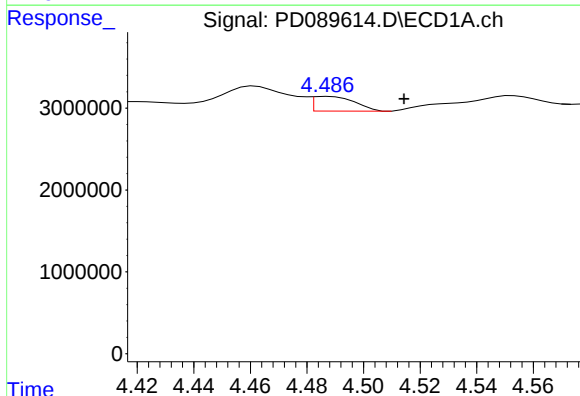
R.T.: 5.251 min
Delta R.T.: -0.018 min
Response: 4895775
Conc: 0.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-40-071725



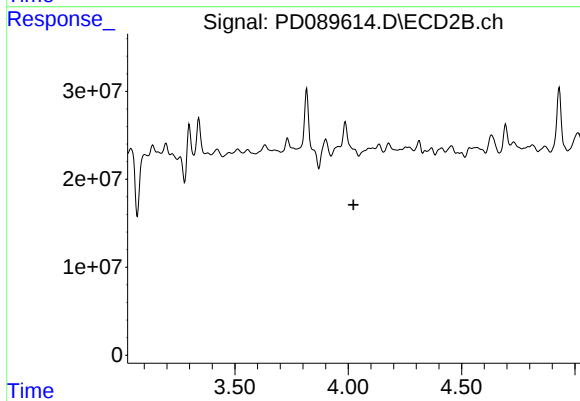
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: 0.002 min
Response: 8581959
Conc: 0.31 ng/ml



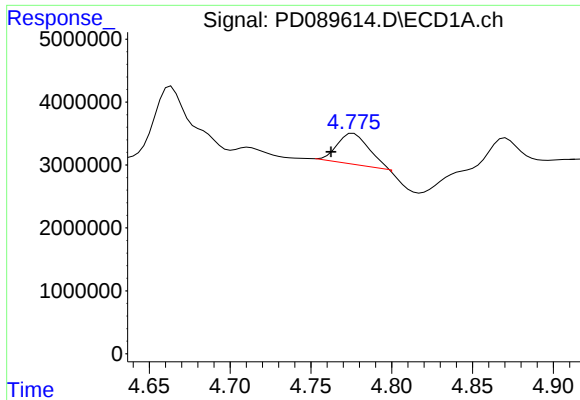
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: -0.027 min
Response: 1844144
Conc: 0.86 ng/ml



#6 beta-BHC

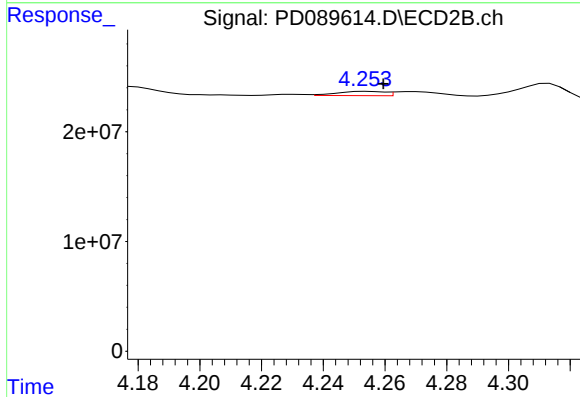
R.T.: 0.000 min
Exp R.T. : 4.023 min
Response: 0
Conc: N.D.



#7 delta-BHC

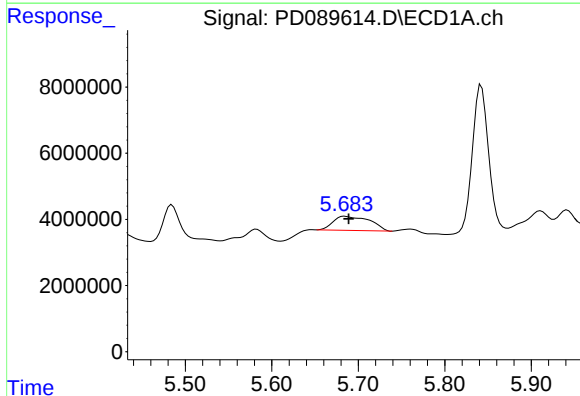
R.T.: 4.776 min
Delta R.T.: 0.014 min
Response: 6246720
Conc: 1.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-40-071725



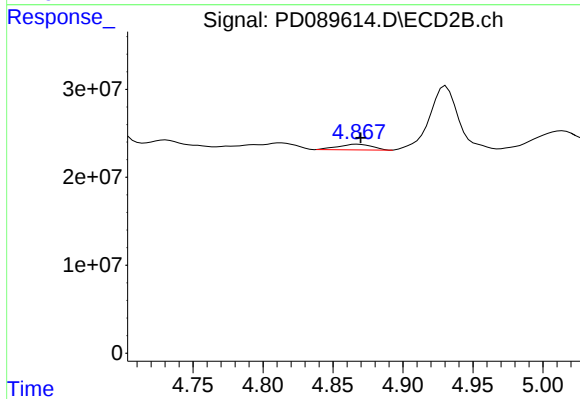
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.005 min
Response: 4108711
Conc: 0.15 ng/ml



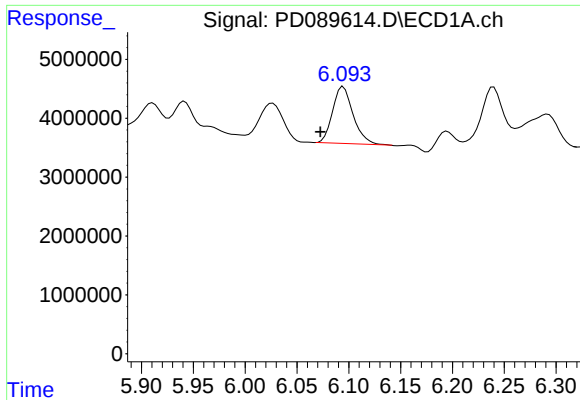
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.005 min
Response: 12550692
Conc: 2.66 ng/ml



#8 Heptachlor epoxide

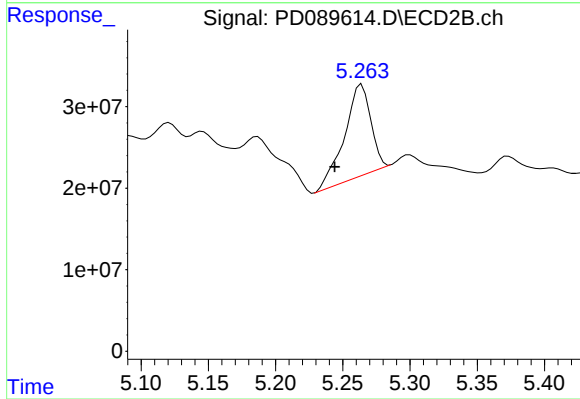
R.T.: 4.868 min
Delta R.T.: -0.002 min
Response: 10669286
Conc: 0.43 ng/ml



#9 Endosulfan I

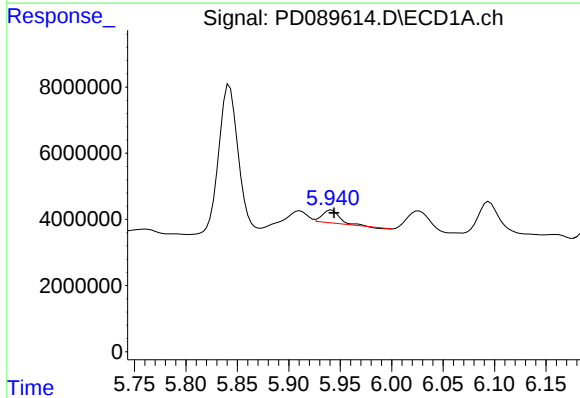
R.T.: 6.095 min
Delta R.T.: 0.022 min
Response: 12855111
Conc: 2.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-40-071725



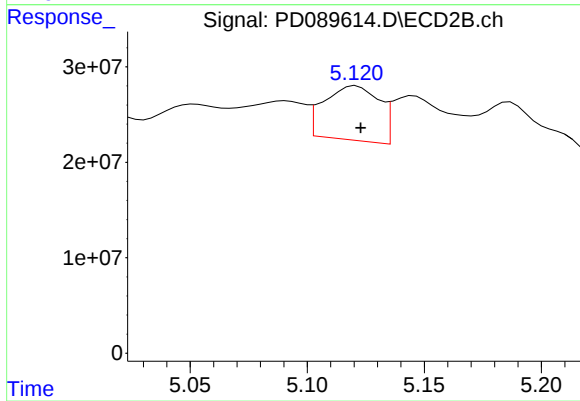
#9 Endosulfan I

R.T.: 5.264 min
Delta R.T.: 0.020 min
Response: 151589609
Conc: 6.38 ng/ml



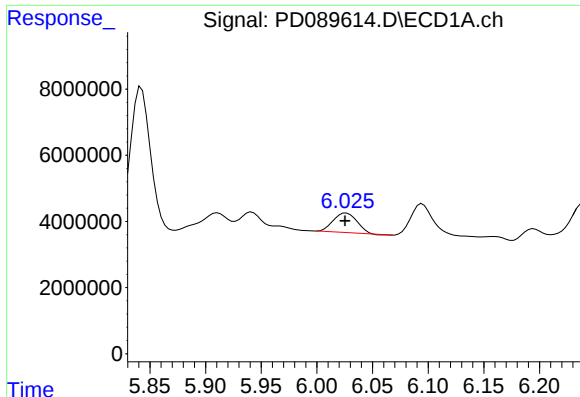
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.003 min
Response: 4528535
Conc: 0.96 ng/ml



#10 gamma-Chlordane

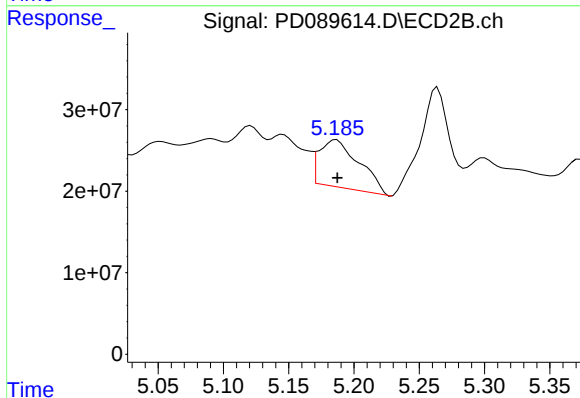
R.T.: 5.121 min
Delta R.T.: -0.002 min
Response: 92695584
Conc: 3.46 ng/ml



#11 alpha-Chlordane

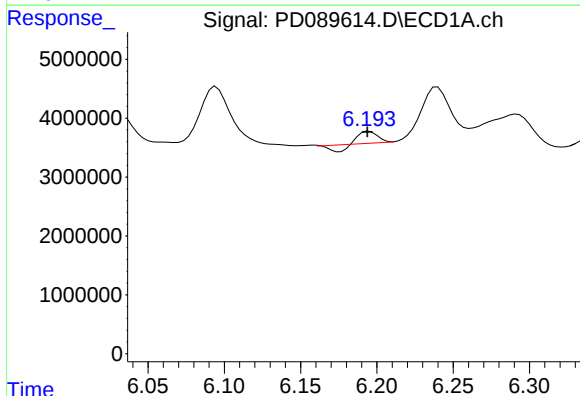
R.T.: 6.027 min
Delta R.T.: 0.001 min
Response: 8720142
Conc: 1.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-40-071725



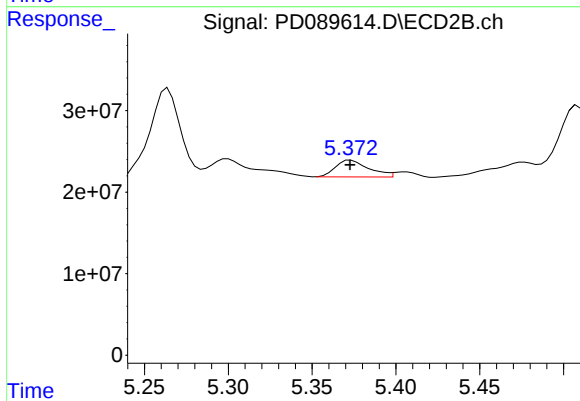
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 123957745
Conc: 4.81 ng/ml



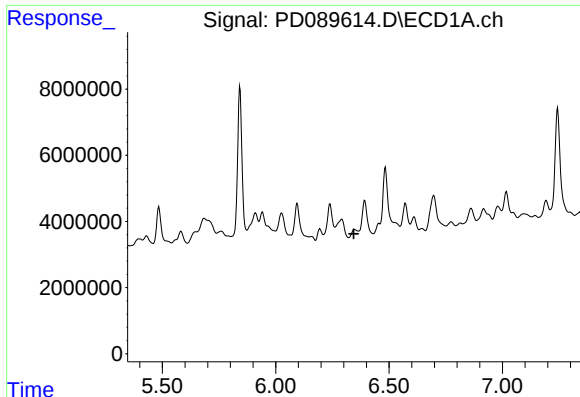
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.001 min
Response: 1033819
Conc: 0.24 ng/ml



#12 4,4'-DDE

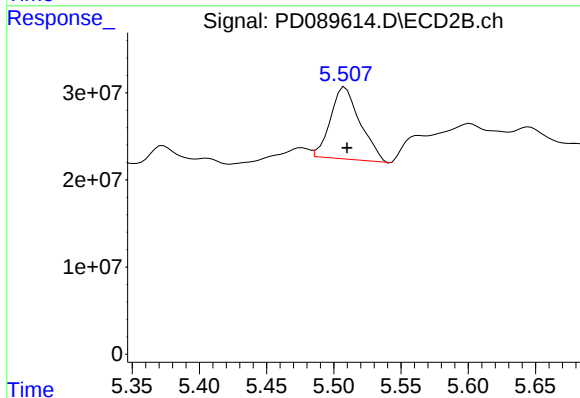
R.T.: 5.373 min
Delta R.T.: 0.000 min
Response: 28138204
Conc: 1.07 ng/ml



#13 Dieldrin

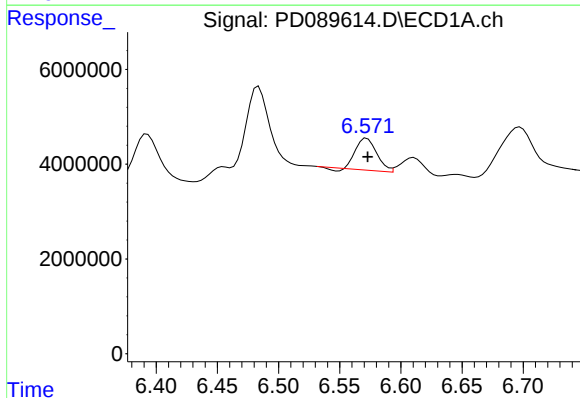
R.T.: 6.348 min
Delta R.T.: 0.003 min
Response: -1955307
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
OU4-TS-40-071725



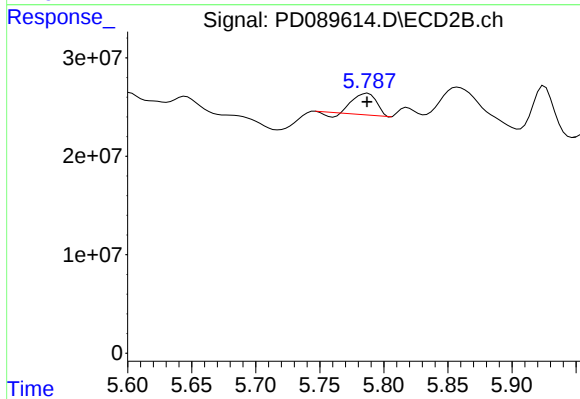
#13 Dieldrin

R.T.: 5.508 min
Delta R.T.: -0.002 min
Response: 126091409
Conc: 4.77 ng/ml



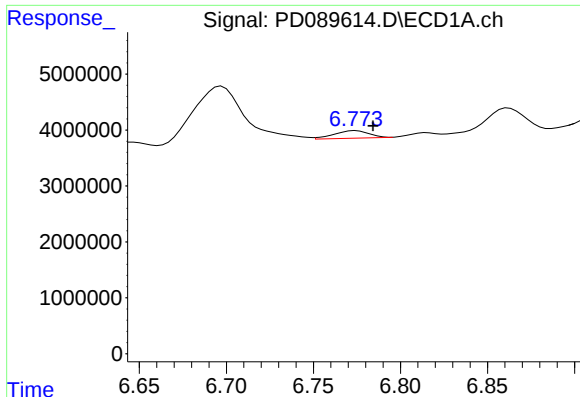
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 7874396
Conc: 1.93 ng/ml



#14 Endrin

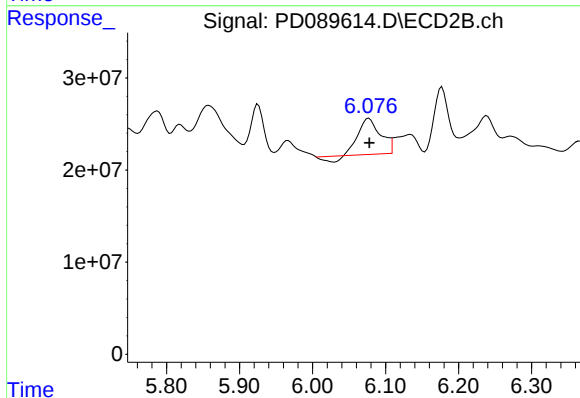
R.T.: 5.788 min
Delta R.T.: 0.000 min
Response: 25850297
Conc: 1.07 ng/ml



#15 Endosulfan II

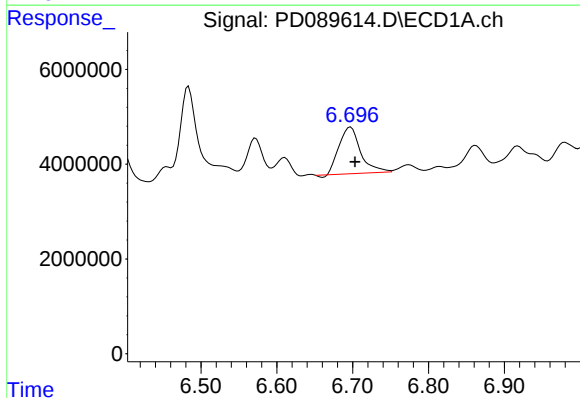
R.T.: 6.774 min
Delta R.T.: -0.010 min
Response: 1875787
Conc: 0.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-40-071725



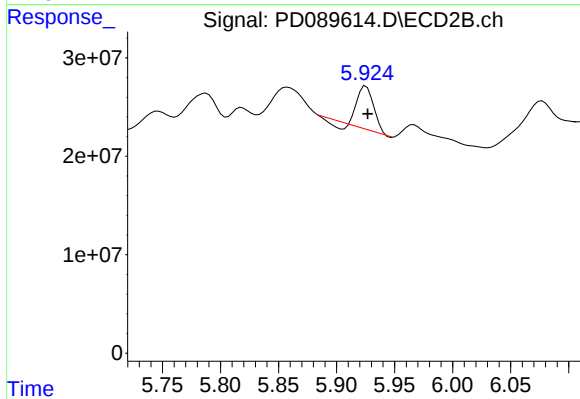
#15 Endosulfan II

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 77391069
Conc: 3.37 ng/ml



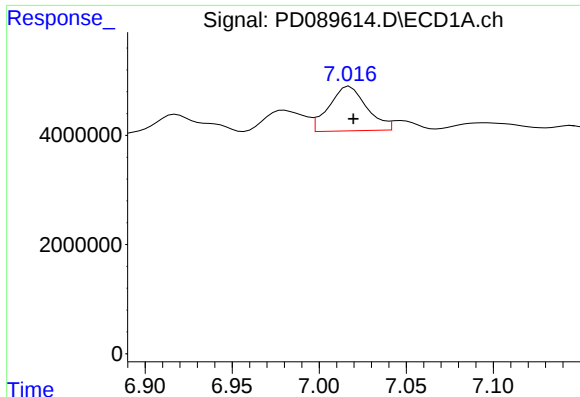
#16 4,4'-DDD

R.T.: 6.697 min
Delta R.T.: -0.006 min
Response: 19366377
Conc: 5.71 ng/ml



#16 4,4'-DDD

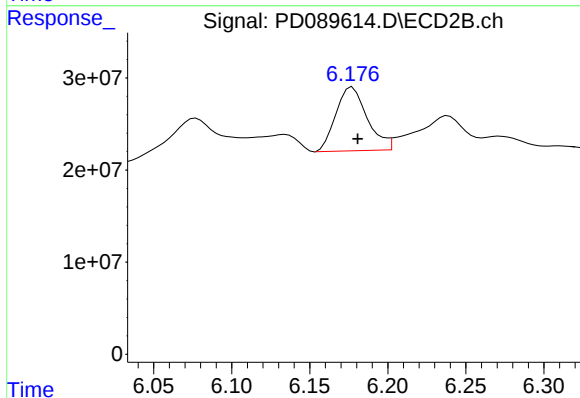
R.T.: 5.925 min
Delta R.T.: -0.001 min
Response: 39787023
Conc: 1.81 ng/ml



#17 4,4'-DDT

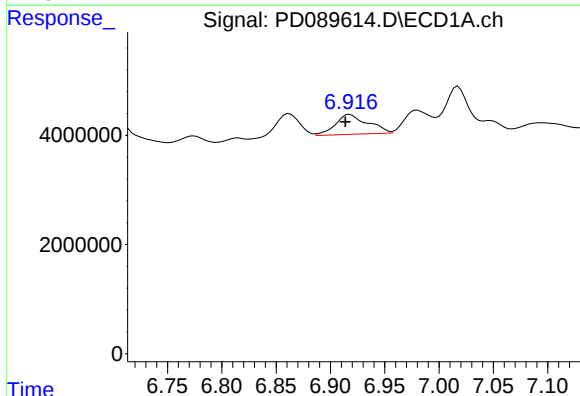
R.T.: 7.018 min
Delta R.T.: -0.002 min
Response: 12287711
Conc: 3.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-40-071725



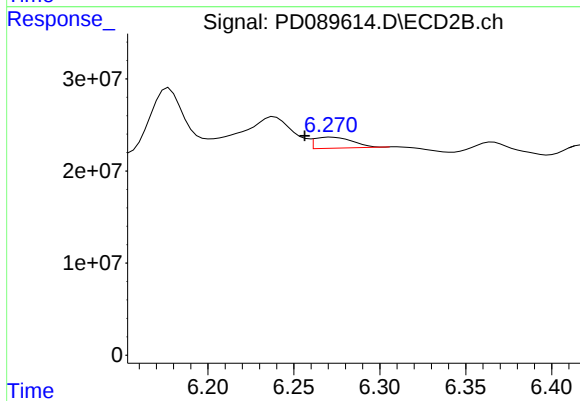
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: -0.003 min
Response: 96729100
Conc: 4.13 ng/ml



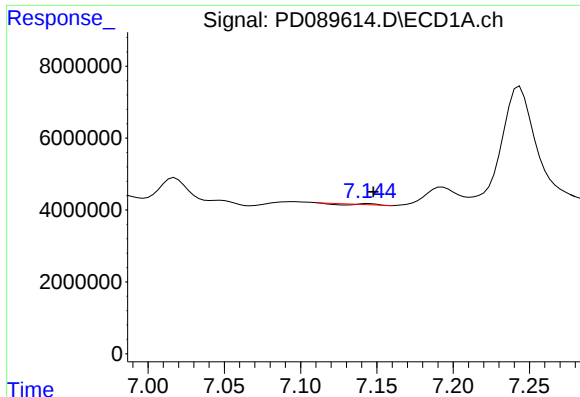
#18 Endrin aldehyde

R.T.: 6.918 min
Delta R.T.: 0.004 min
Response: 7520912
Conc: 2.58 ng/ml



#18 Endrin aldehyde

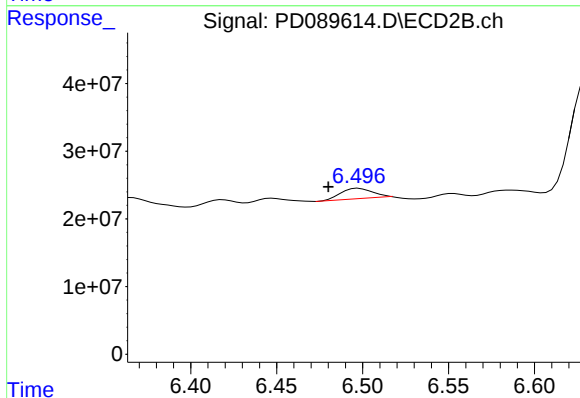
R.T.: 6.272 min
Delta R.T.: 0.016 min
Response: 19258375
Conc: 1.16 ng/ml



#19 Endosulfan Sulfate

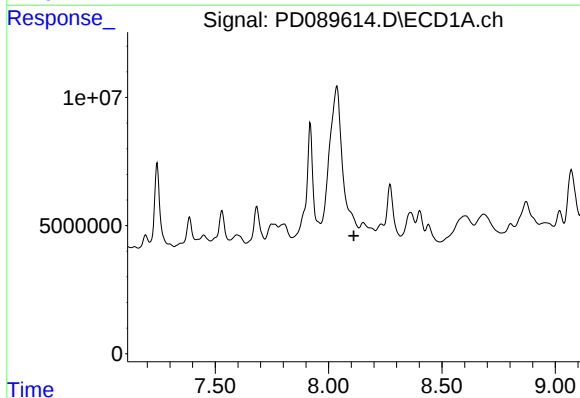
R.T.: 7.145 min
Delta R.T.: -0.003 min
Response: 25073
Conc: 0.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-40-071725



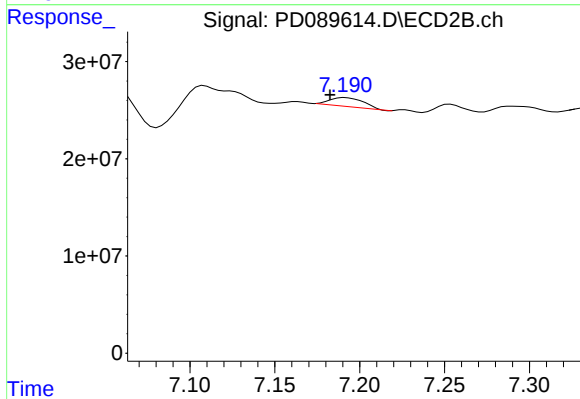
#19 Endosulfan Sulfate

R.T.: 6.498 min
Delta R.T.: 0.018 min
Response: 19367763
Conc: 0.87 ng/ml



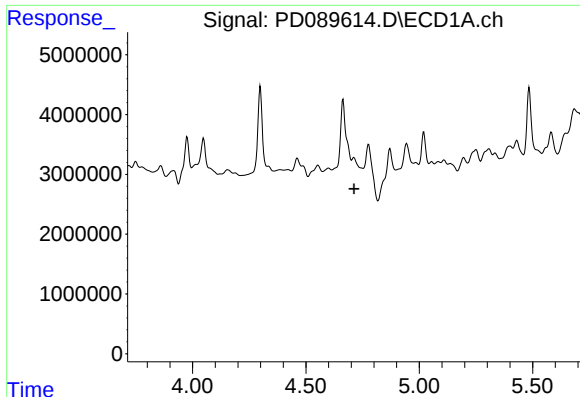
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.112 min
Response: 0
Conc: N.D.



#22 Mirex

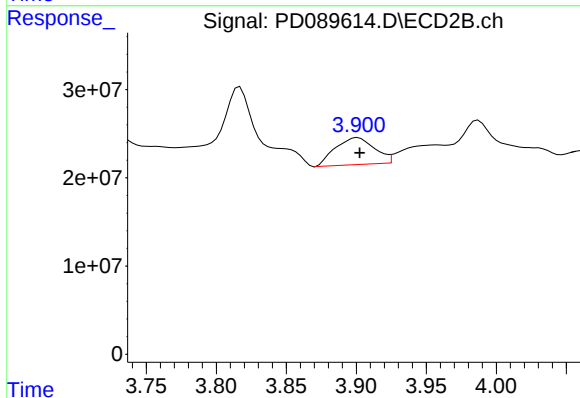
R.T.: 7.192 min
Delta R.T.: 0.009 min
Response: 12797199
Conc: 0.66 ng/ml



#23 Chlordane-1

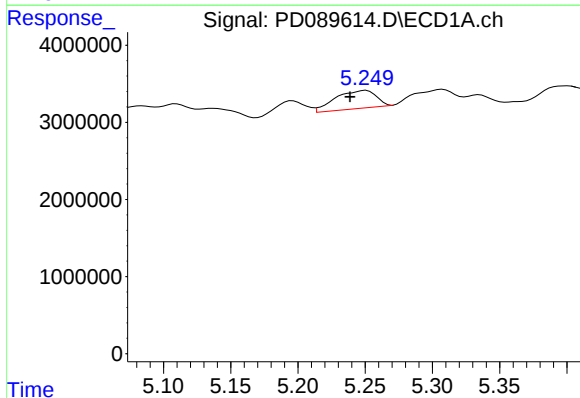
R.T.: 4.711 min
Delta R.T.: 0.000 min
Response: -3132097
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
OU4-TS-40-071725



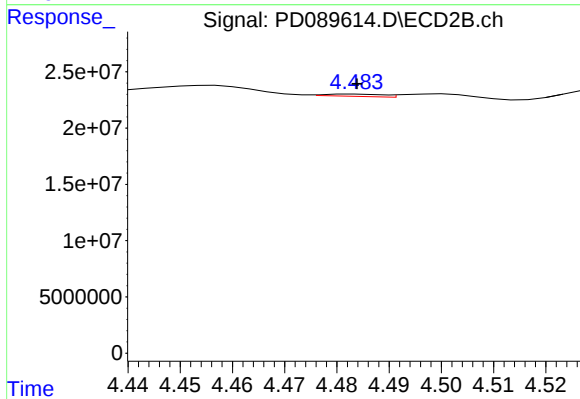
#23 Chlordane-1

R.T.: 3.901 min
Delta R.T.: -0.001 min
Response: 59319473
Conc: 63.88 ng/ml



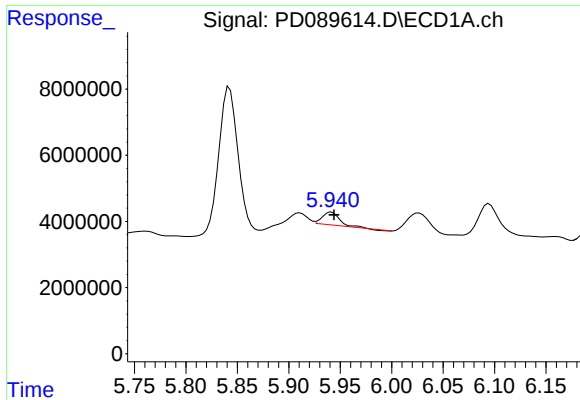
#24 Chlordane-2

R.T.: 5.251 min
Delta R.T.: 0.012 min
Response: 4895775
Conc: 24.35 ng/ml



#24 Chlordane-2

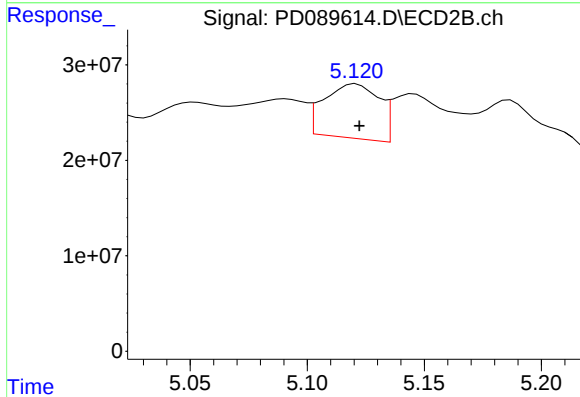
R.T.: 4.483 min
Delta R.T.: 0.000 min
Response: 1539049
Conc: 1.57 ng/ml



#25 Chlordane-3

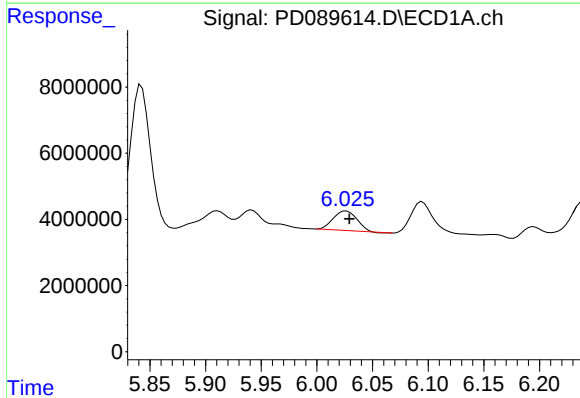
R.T.: 5.941 min
Delta R.T.: -0.003 min
Response: 4528535
Conc: 5.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-40-071725



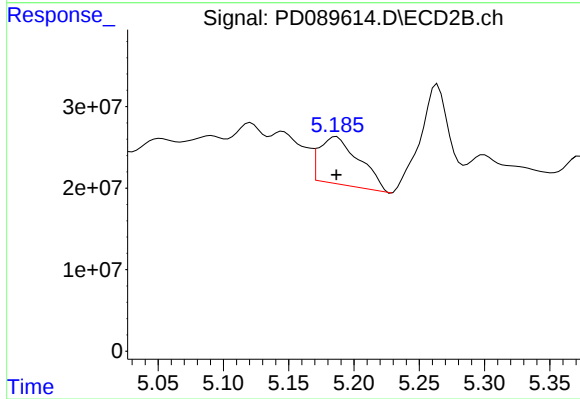
#25 Chlordane-3

R.T.: 5.121 min
Delta R.T.: -0.001 min
Response: 92695584
Conc: 32.11 ng/ml



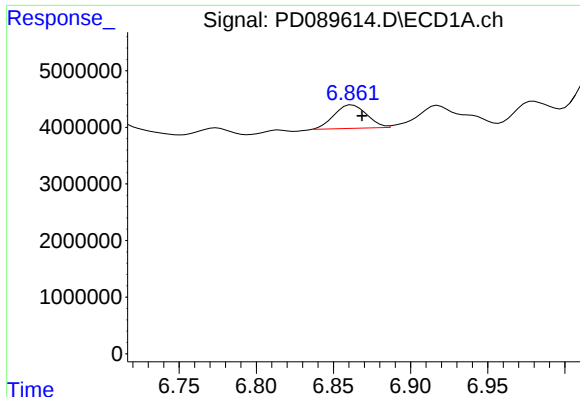
#26 Chlordane-4

R.T.: 6.027 min
Delta R.T.: -0.003 min
Response: 8720142
Conc: 9.19 ng/ml



#26 Chlordane-4

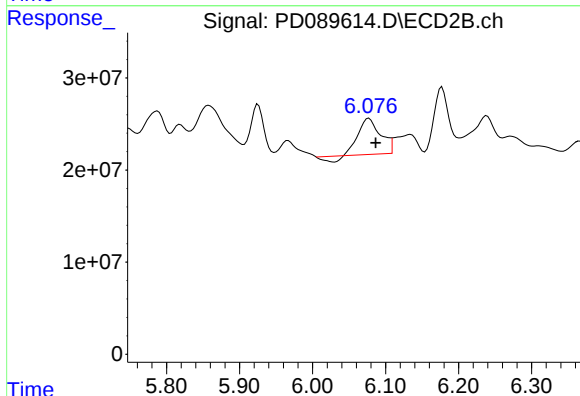
R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 123957745
Conc: 51.39 ng/ml



#27 Chlordane-5

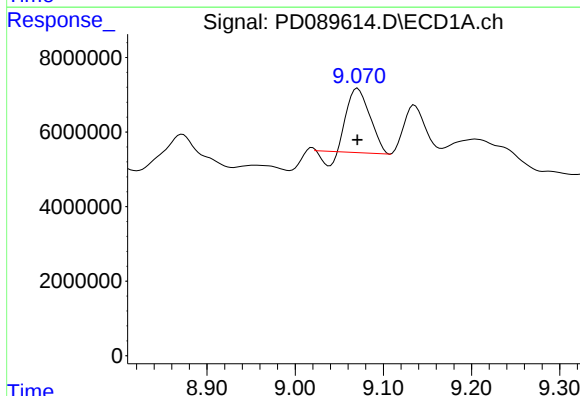
R.T.: 6.862 min
Delta R.T.: -0.006 min
Response: 6084888
Conc: 36.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-40-071725



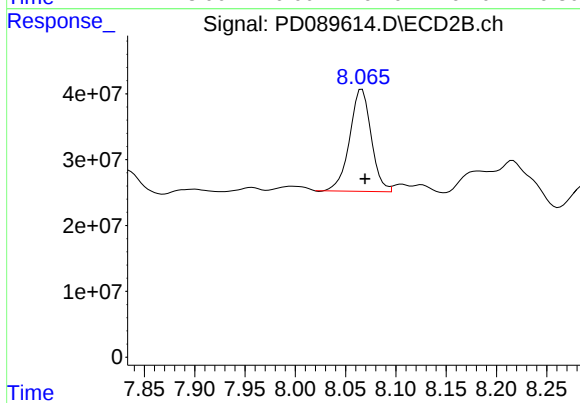
#27 Chlordane-5

R.T.: 6.077 min
Delta R.T.: -0.009 min
Response: 77391069
Conc: 66.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 28634739
Conc: 6.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: -0.003 min
Response: 230011755
Conc: 9.36 ng/ml