Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
Data File : PD088533.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 18:51
Operator : AR\AJ
Sample : Q2014-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : ECD_D
ClientSampleId : MOO-25-0145

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 22:46:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 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	2.885	14779734	103.8E6	7.399	7.100	
28)	SA	Decachlor...	9.074	8.075	38207518	160.4E6	11.550	8.680	
		Target Compounds							
2)	A	alpha-BHC	4.026f	3.416f	1165425	23591103	0.270	1.032	#
3)	MA	gamma-BHC...	4.303f	3.738	54251253	35672927	12.955	1.656	#
4)	MA	Heptachlor	4.945	4.099	33003879	35777991	8.171	1.672	#
5)	MB	Aldrin	5.258f	4.377	19118061	16409337	4.841	0.789	#
6)	B	beta-BHC	4.521	4.006f	72962	87660584	0.045	9.473	#
7)	B	delta-BHC	4.778	4.255	6473698	49675483	1.569	2.336	#
8)	B	Heptachlo...	5.684	4.871	25232474	6585334	7.060	0.349	#
9)	A	Endosulfan I	6.102f	5.244	10919223	16435266	3.233	0.912	#
10)	B	gamma-Chl...	5.927f	5.131	12851939	9318996	3.548	0.459	#
11)	B	alpha-Chl...	6.029	5.192	13047698	7299321	3.615	0.372	#
12)	B	4,4'-DDE	6.203	5.385	-619907	6093813	N.D.	0.309	
13)	MA	Dieldrin	6.330f	5.516	856560	28409426	0.240	1.425	#
14)	MA	Endrin	6.562	5.789	2945003	2640199	0.987	0.145	#
15)	B	Endosulfa...	0.000	6.084	0	24319740	N.D.	1.388	#
16)	A	4,4'-DDD	6.693	5.923	5019715	-6232080	1.996	N.D.	#
17)	MA	4,4'-DDT	7.031	6.190	3561449	4676609	1.282	0.275	#
18)	B	Endrin al...	6.921	6.272	1041987	4469058	0.451	0.336	#
19)	B	Endosulfa...	7.144	6.488	-122678	2508862	N.D.	0.146	
20)	A	Methoxychlor	0.000	6.738f	0	7510067	N.D.	0.823	#
21)	B	Endrin ke...	7.615f	6.981	893741	386137	0.290	0.021	#
22)		Mirex	0.000	7.173f	0	1978455	N.D.	0.133	#
23)		Chlordane-1	4.690f	3.915	65367811	94542603	393.437	117.927	#
24)		Chlordane-2	5.258	4.484	19118061	-10077738	114.803	N.D.	#
25)		Chlordane-3	5.927f	5.131	12851939	9318996	19.053	3.685	#
26)		Chlordane-4	6.029	5.192	13047698	7299321	16.003	3.414	#
27)		Chlordane-5	6.858	6.084	501270	24319740	3.689	25.188	#

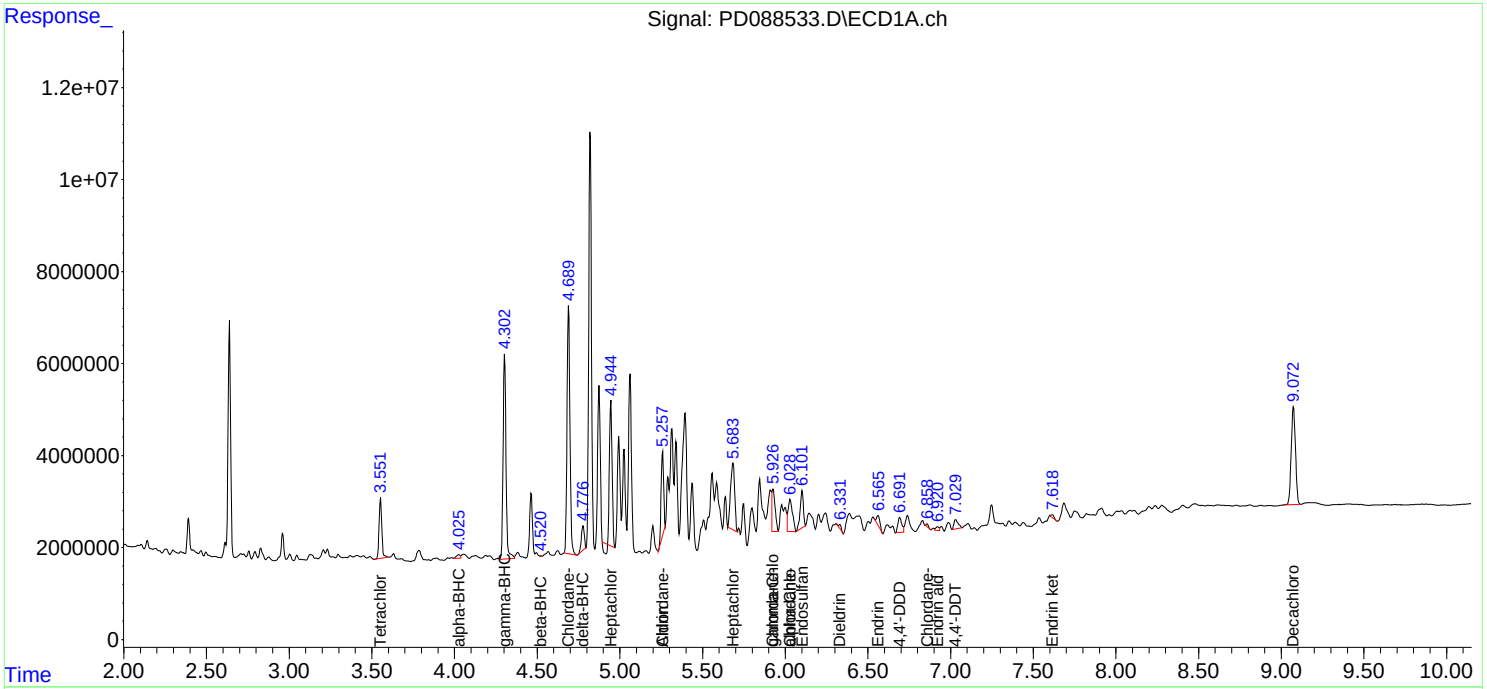
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

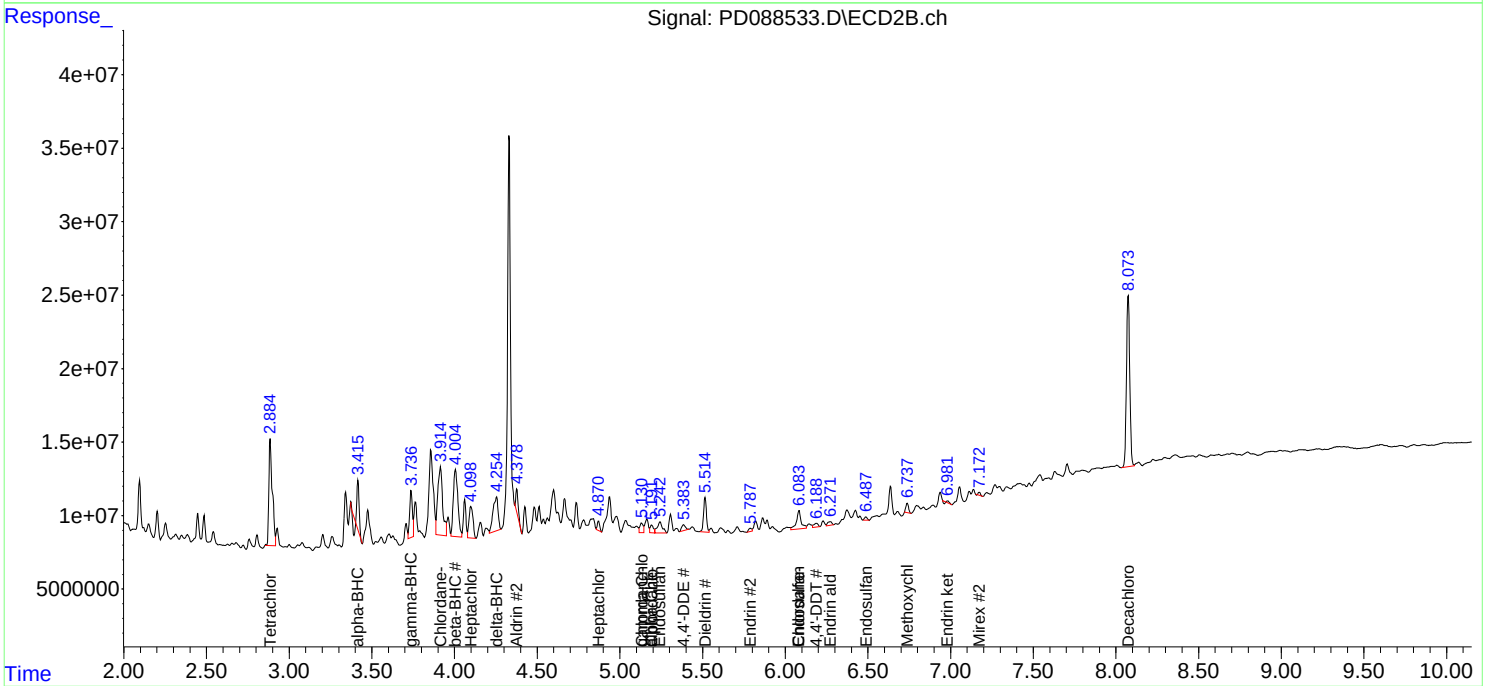
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
Data File : PD088533.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 18:51
Operator : AR\AJ
Sample : Q2014-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

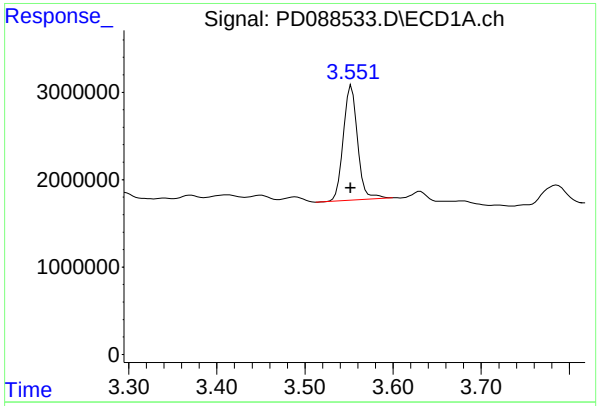
Instrument :
ECD_D
ClientSampleId :
MOO-25-0145

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 22:46:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 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



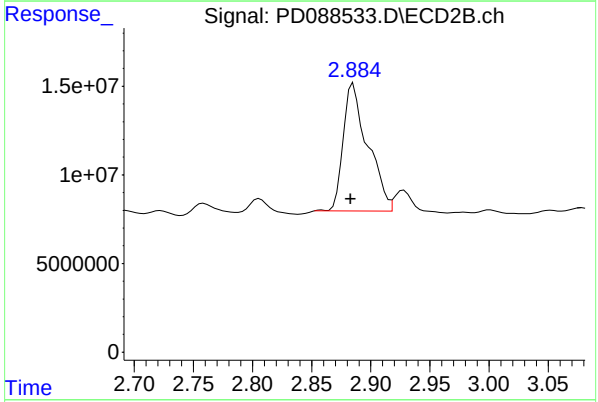




#1 Tetrachloro-m-xylene

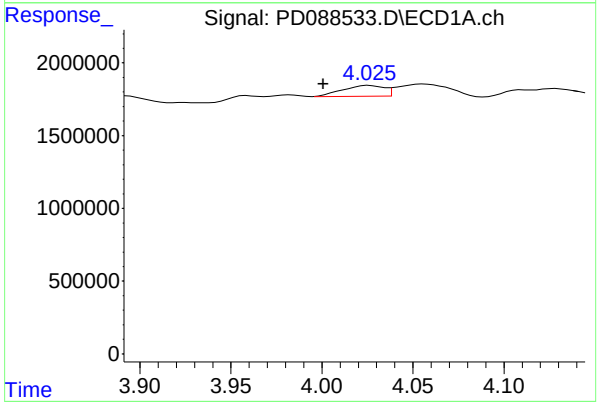
R.T.: 3.553 min
Delta R.T.: 0.000 mi
Response: 14779734
Conc: 7.40 ng/m

Instrument :
ECD_D
ClientSampleId :
MOO-25-0145



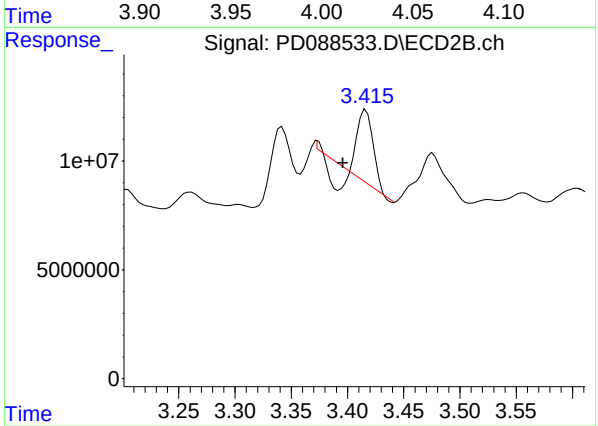
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.002 min
Response: 103817395
Conc: 7.10 ng/ml



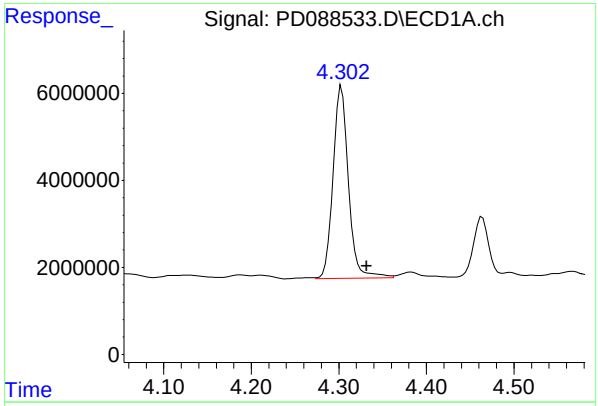
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.025 min
Response: 1165425
Conc: 0.27 ng/ml



#2 alpha-BHC

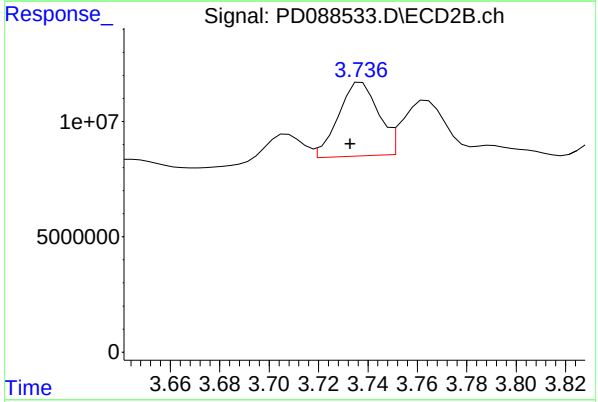
R.T.: 3.416 min
Delta R.T.: 0.020 min
Response: 23591103
Conc: 1.03 ng/ml



#3 gamma-BHC (Lindane)

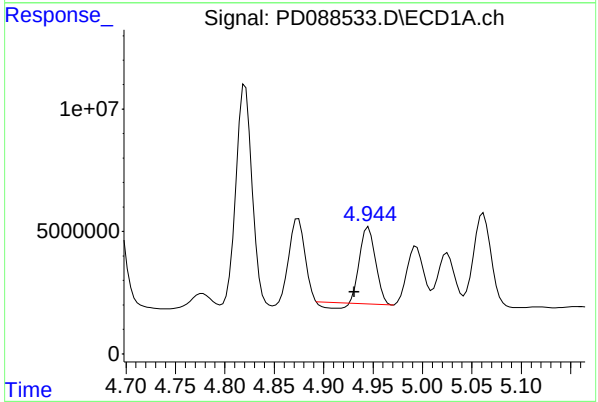
R.T.: 4.303 min
Delta R.T.: -0.029 mi
Response: 54251253
Conc: 12.96 ng/m

Instrument :
ECD_D
ClientSampleId :
MOO-25-0145



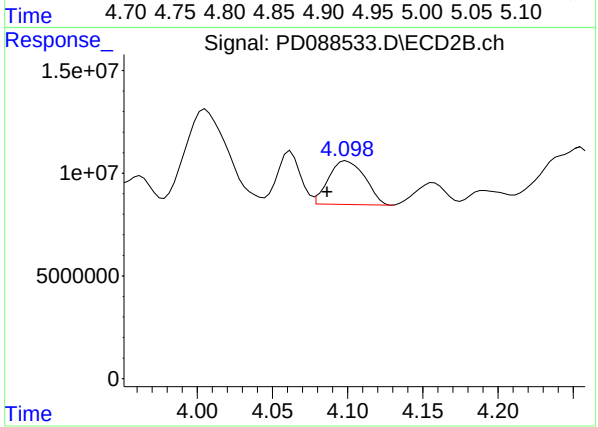
#3 gamma-BHC (Lindane)

R.T.: 3.738 min
Delta R.T.: 0.005 min
Response: 35672927
Conc: 1.66 ng/ml



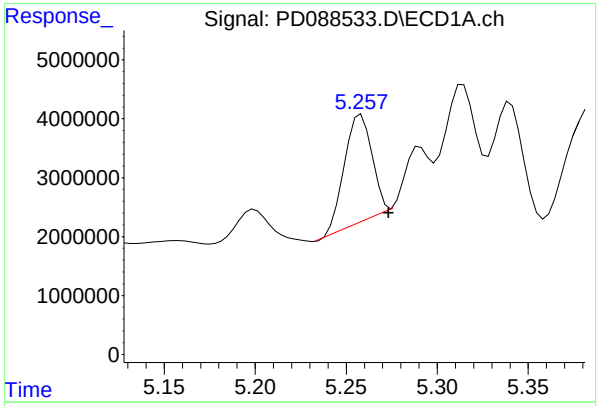
#4 Heptachlor

R.T.: 4.945 min
Delta R.T.: 0.014 min
Response: 33003879
Conc: 8.17 ng/ml



#4 Heptachlor

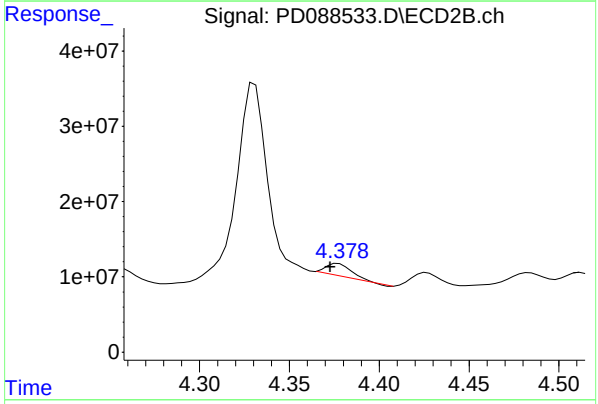
R.T.: 4.099 min
Delta R.T.: 0.013 min
Response: 35777991
Conc: 1.67 ng/ml



#5 Aldrin

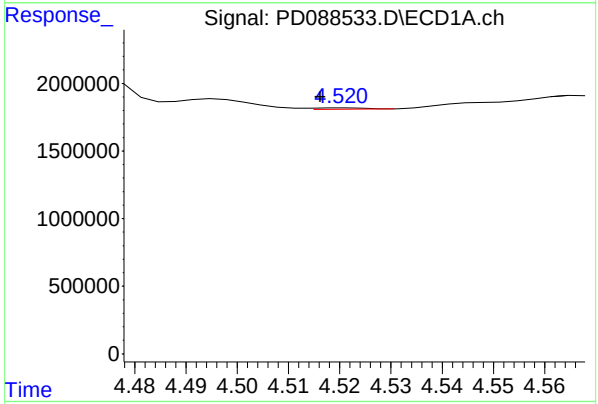
R.T.: 5.258 min
Delta R.T.: -0.015 min
Response: 19118061
Conc: 4.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
MOO-25-0145



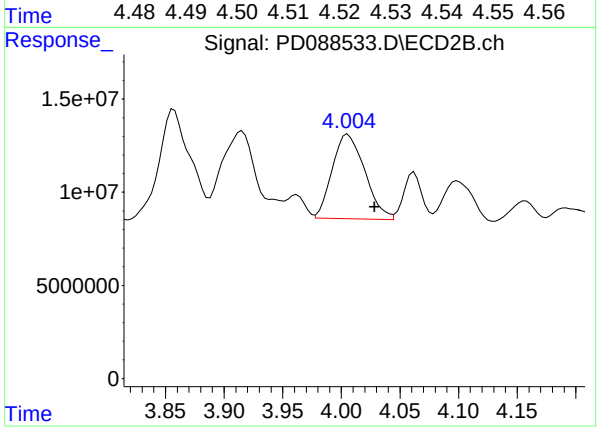
#5 Aldrin

R.T.: 4.377 min
Delta R.T.: 0.005 min
Response: 16409337
Conc: 0.79 ng/ml



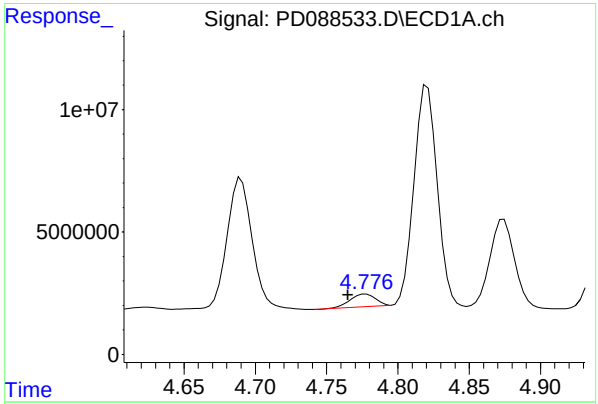
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.005 min
Response: 72962
Conc: 0.04 ng/ml



#6 beta-BHC

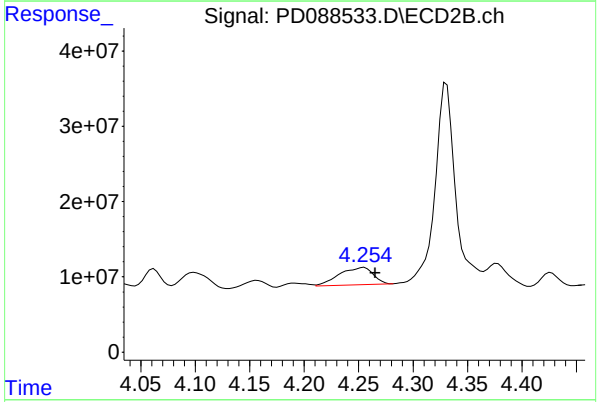
R.T.: 4.006 min
Delta R.T.: -0.023 min
Response: 87660584
Conc: 9.47 ng/ml



#7 delta-BHC

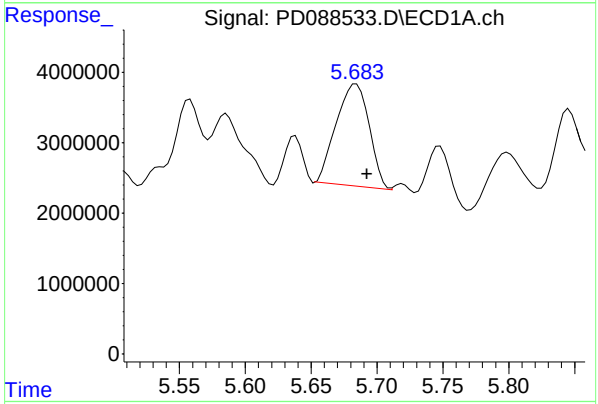
R.T.: 4.778 min
Delta R.T.: 0.012 min
Response: 6473698
Conc: 1.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
MOO-25-0145



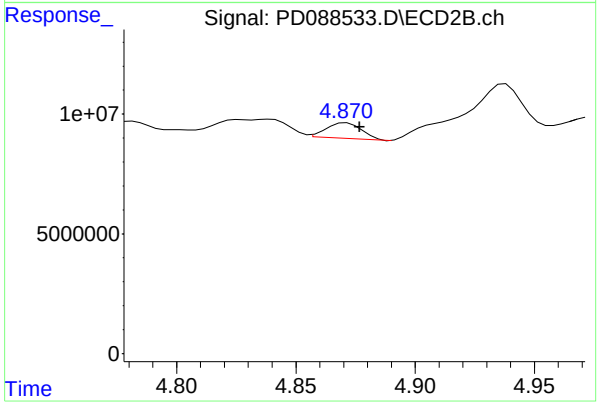
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: -0.010 min
Response: 49675483
Conc: 2.34 ng/ml



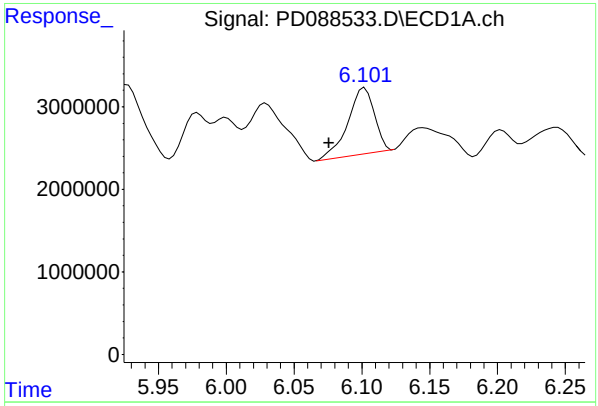
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.008 min
Response: 25232474
Conc: 7.06 ng/ml



#8 Heptachlor epoxide

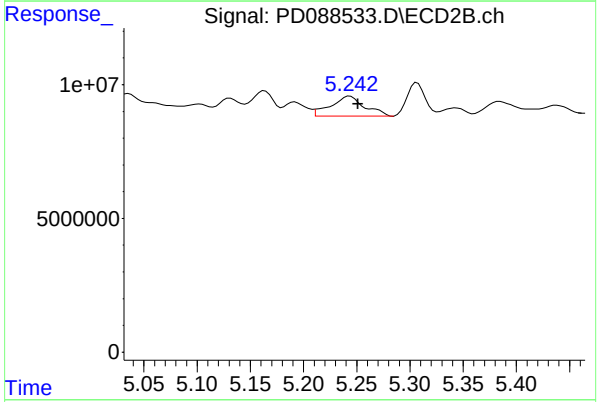
R.T.: 4.871 min
Delta R.T.: -0.005 min
Response: 6585334
Conc: 0.35 ng/ml



#9 Endosulfan I

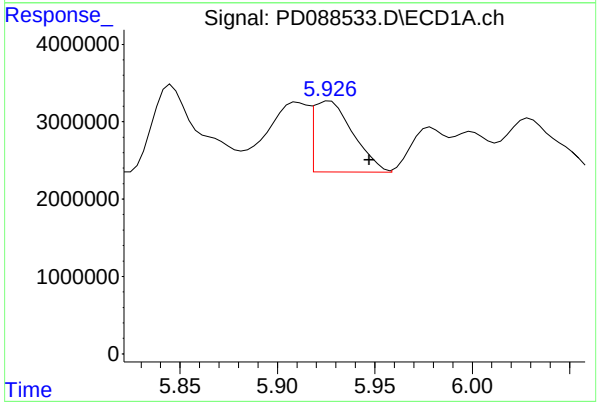
R.T.: 6.102 min
Delta R.T.: 0.026 min
Response: 10919223
Conc: 3.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
MOO-25-0145



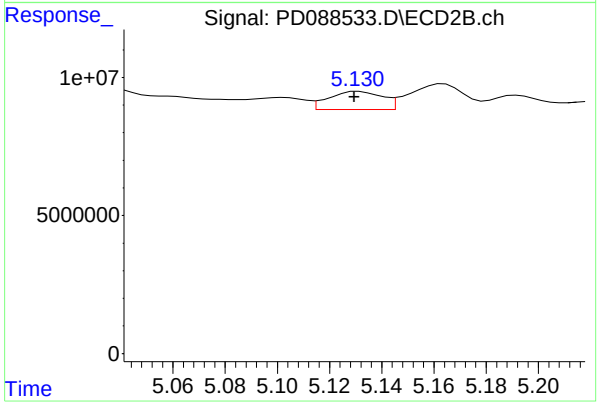
#9 Endosulfan I

R.T.: 5.244 min
Delta R.T.: -0.007 min
Response: 16435266
Conc: 0.91 ng/ml



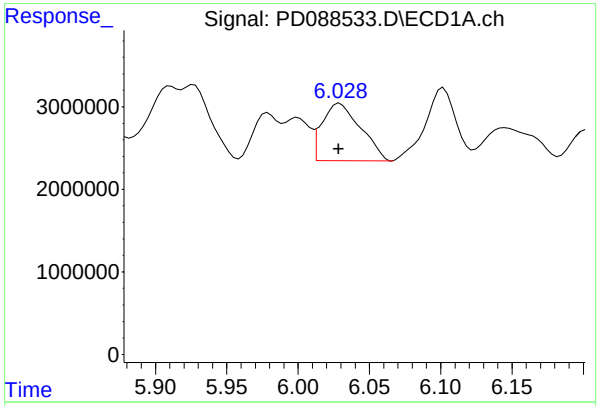
#10 gamma-Chlordane

R.T.: 5.927 min
Delta R.T.: -0.020 min
Response: 12851939
Conc: 3.55 ng/ml



#10 gamma-Chlordane

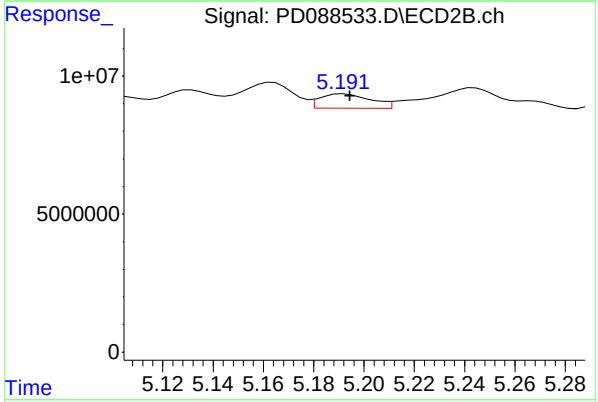
R.T.: 5.131 min
Delta R.T.: 0.002 min
Response: 9318996
Conc: 0.46 ng/ml



#11 alpha-Chlordane

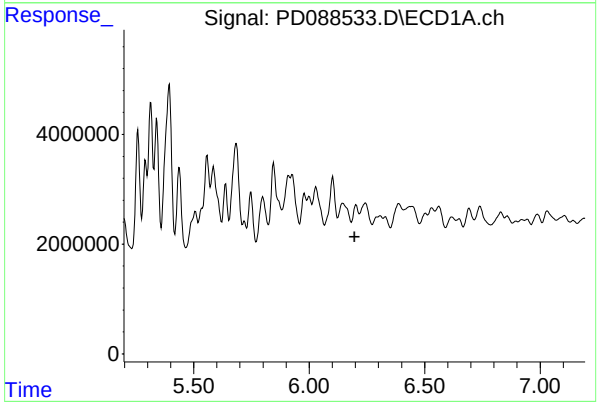
R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 13047698
Conc: 3.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
MOO-25-0145



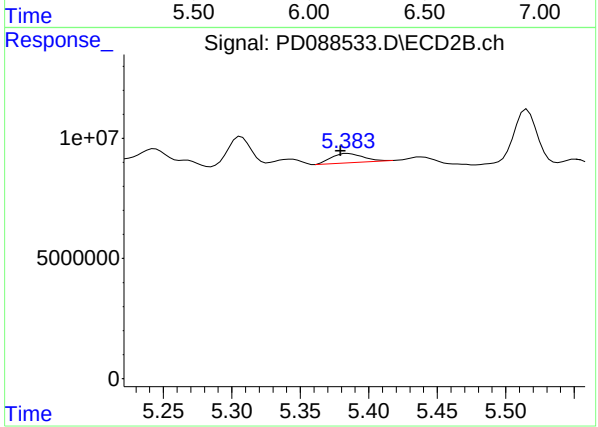
#11 alpha-Chlordane

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 7299321
Conc: 0.37 ng/ml



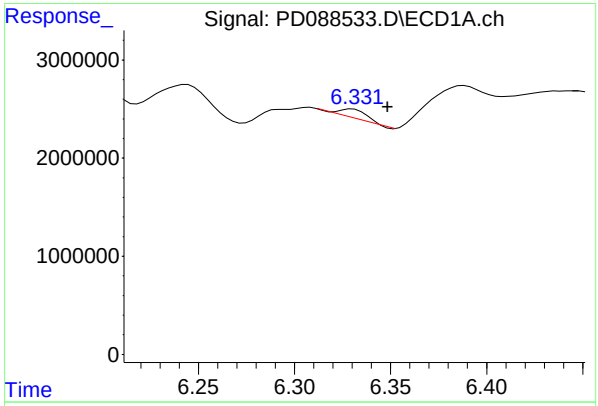
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.006 min
Response: -619907
Conc: N.D.



#12 4,4'-DDE

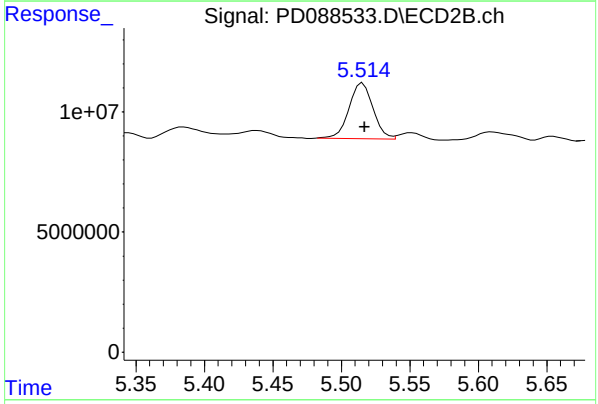
R.T.: 5.385 min
Delta R.T.: 0.005 min
Response: 6093813
Conc: 0.31 ng/ml



#13 Dieldrin

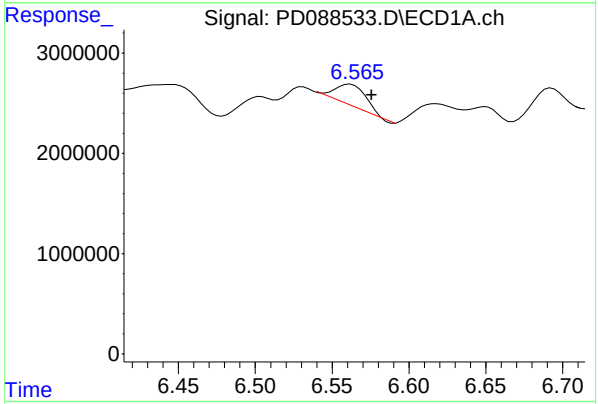
R.T.: 6.330 min
Delta R.T.: -0.018 min
Response: 856560
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
MOO-25-0145



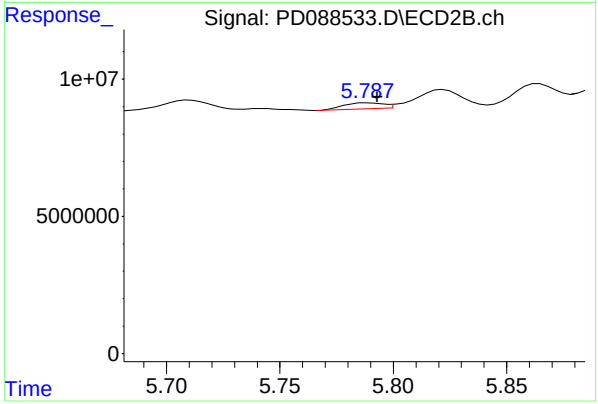
#13 Dieldrin

R.T.: 5.516 min
Delta R.T.: -0.001 min
Response: 28409426
Conc: 1.43 ng/ml



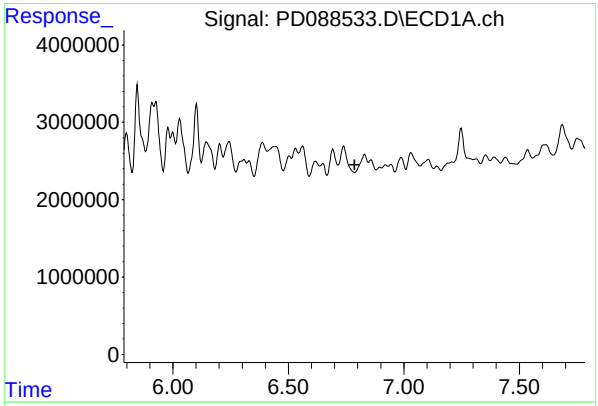
#14 Endrin

R.T.: 6.562 min
Delta R.T.: -0.014 min
Response: 2945003
Conc: 0.99 ng/ml



#14 Endrin

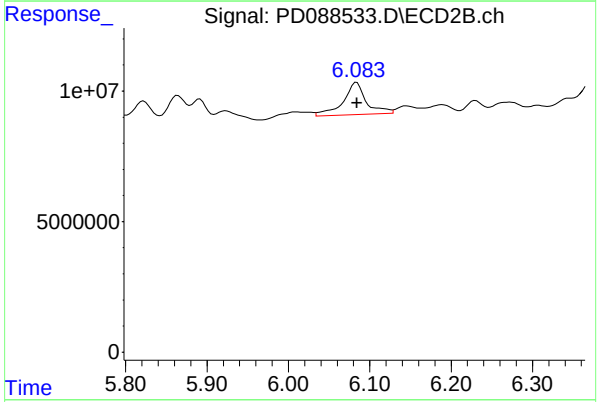
R.T.: 5.789 min
Delta R.T.: -0.004 min
Response: 2640199
Conc: 0.15 ng/ml



#15 Endosulfan II

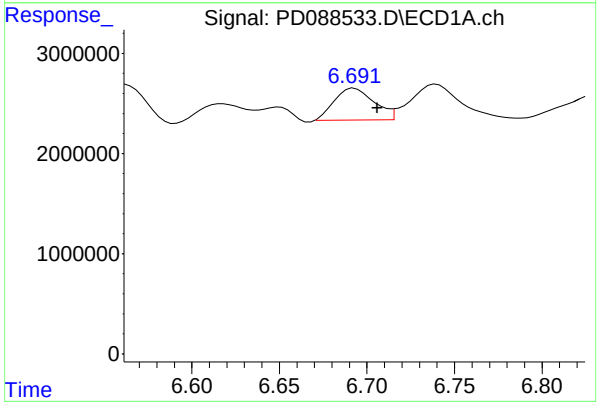
R.T.: 0.000 min
Exp R.T. : 6.787 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MOO-25-0145



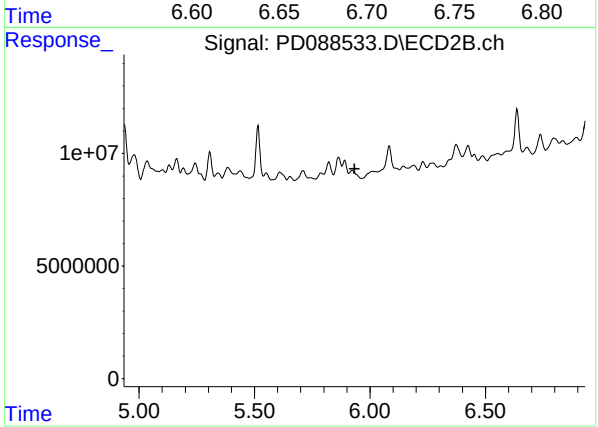
#15 Endosulfan II

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 24319740
Conc: 1.39 ng/ml



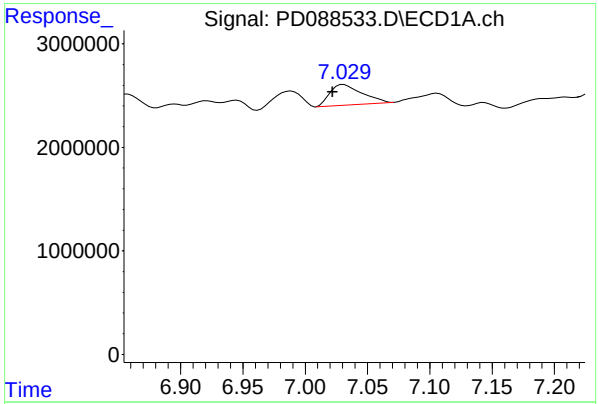
#16 4,4'-DDD

R.T.: 6.693 min
Delta R.T.: -0.013 min
Response: 5019715
Conc: 2.00 ng/ml



#16 4,4'-DDD

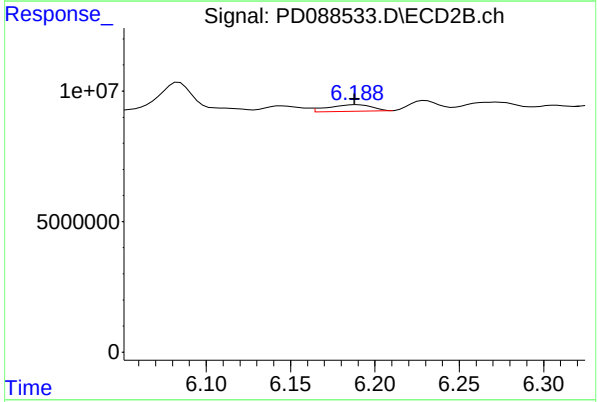
R.T.: 5.923 min
Delta R.T.: -0.011 min
Response: -6232080
Conc: N.D.



#17 4,4'-DDT

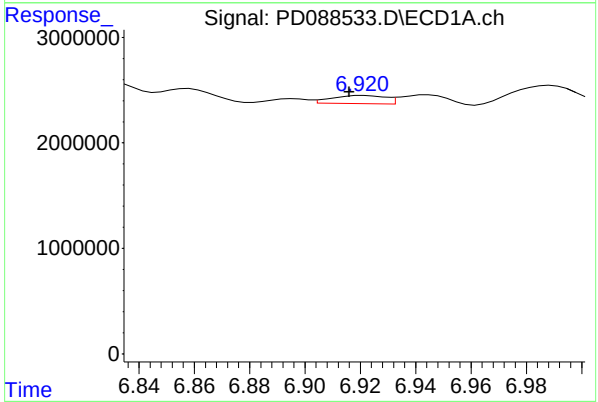
R.T.: 7.031 min
Delta R.T.: 0.009 min
Response: 3561449
Conc: 1.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
MOO-25-0145



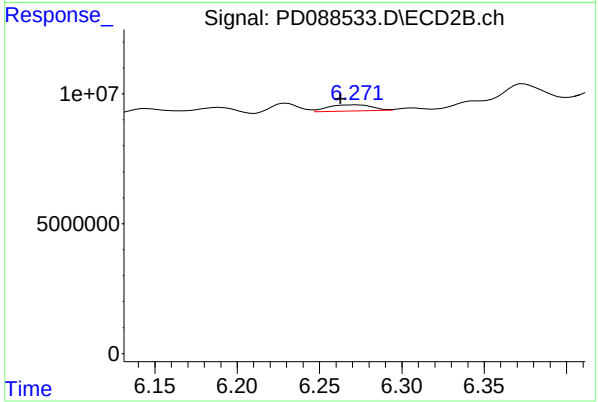
#17 4,4'-DDT

R.T.: 6.190 min
Delta R.T.: 0.002 min
Response: 4676609
Conc: 0.27 ng/ml



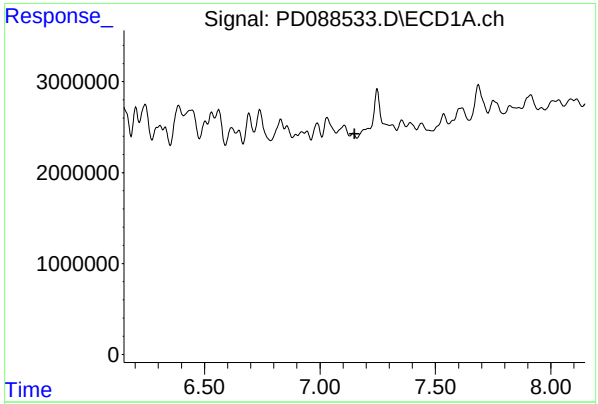
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: 0.005 min
Response: 1041987
Conc: 0.45 ng/ml



#18 Endrin aldehyde

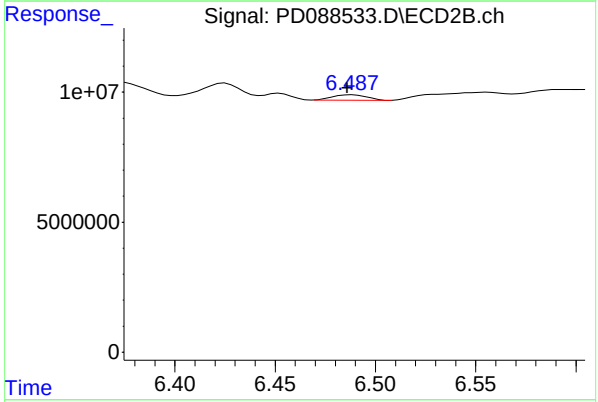
R.T.: 6.272 min
Delta R.T.: 0.009 min
Response: 4469058
Conc: 0.34 ng/ml



#19 Endosulfan Sulfate

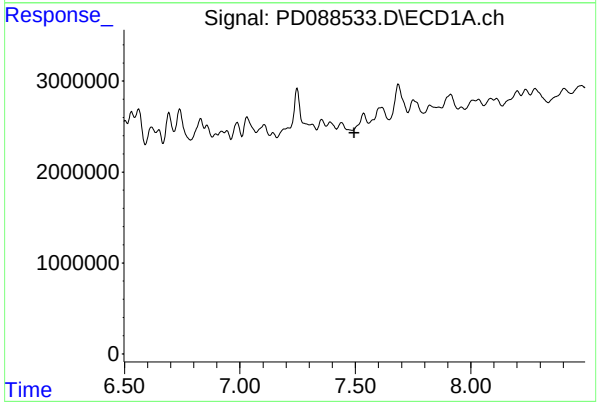
R.T.: 7.144 min
Delta R.T.: -0.007 min
Response: -122678
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MOO-25-0145



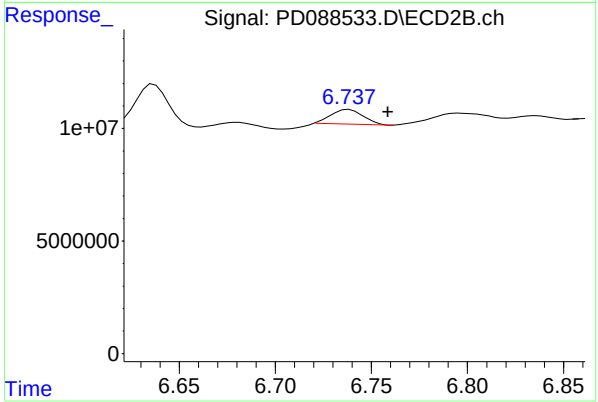
#19 Endosulfan Sulfate

R.T.: 6.488 min
Delta R.T.: 0.002 min
Response: 2508862
Conc: 0.15 ng/ml



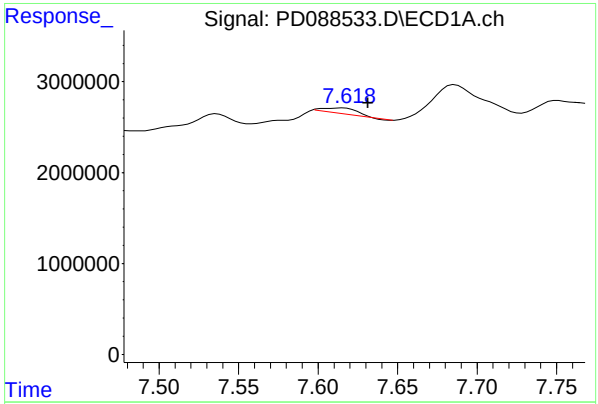
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.495 min
Response: 0
Conc: N.D.



#20 Methoxychlor

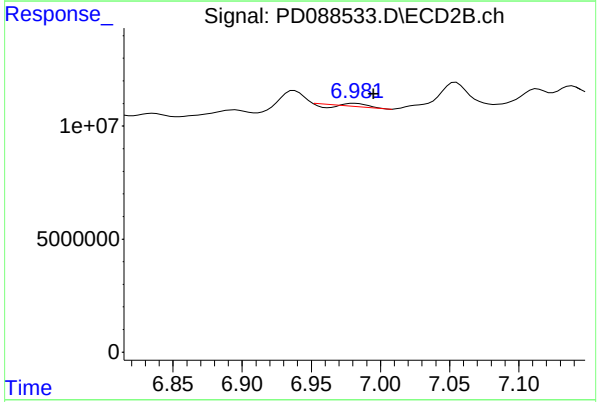
R.T.: 6.738 min
Delta R.T.: -0.020 min
Response: 7510067
Conc: 0.82 ng/ml



#21 Endrin ketone

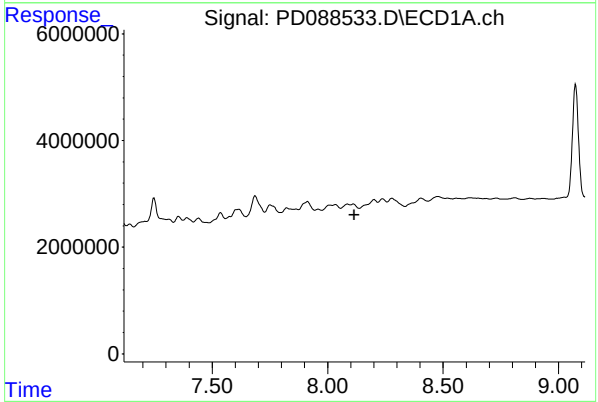
R.T.: 7.615 min
Delta R.T.: -0.017 min
Response: 893741
Conc: 0.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
MOO-25-0145



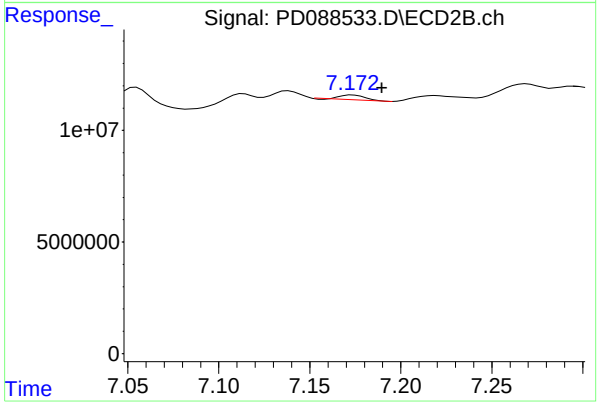
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.014 min
Response: 386137
Conc: 0.02 ng/ml



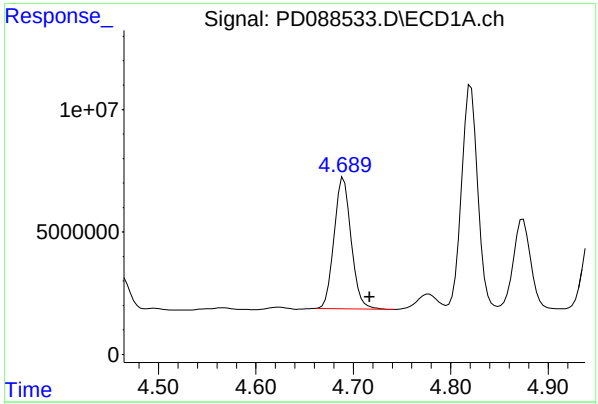
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.115 min
Response: 0
Conc: N.D.



#22 Mirex

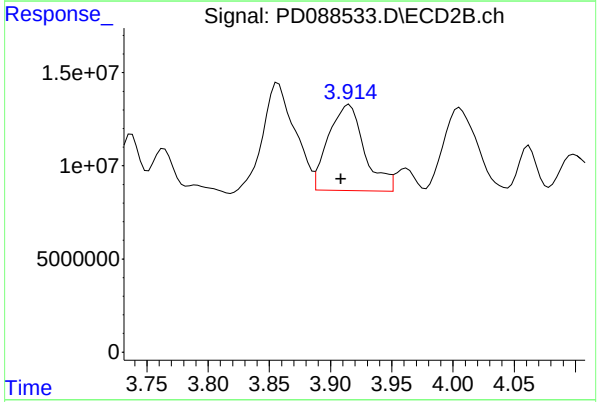
R.T.: 7.173 min
Delta R.T.: -0.016 min
Response: 1978455
Conc: 0.13 ng/ml



#23 Chlordane-1

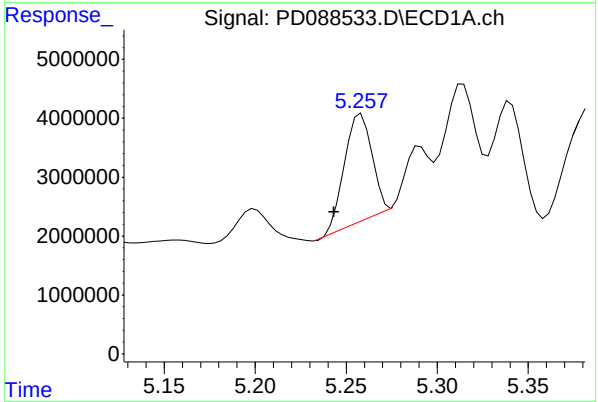
R.T.: 4.690 min
Delta R.T.: -0.027 min
Response: 65367811
Conc: 393.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
MOO-25-0145



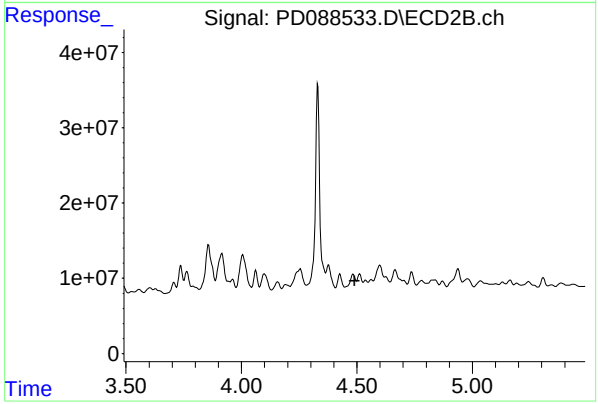
#23 Chlordane-1

R.T.: 3.915 min
Delta R.T.: 0.007 min
Response: 94542603
Conc: 117.93 ng/ml



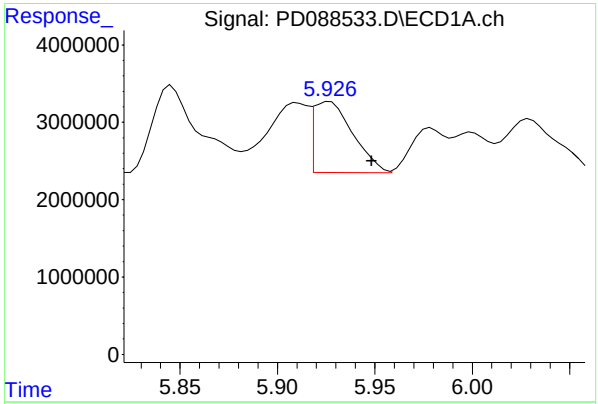
#24 Chlordane-2

R.T.: 5.258 min
Delta R.T.: 0.015 min
Response: 19118061
Conc: 114.80 ng/ml



#24 Chlordane-2

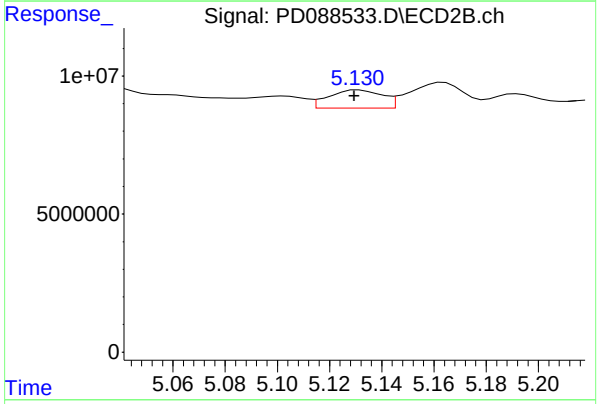
R.T.: 4.484 min
Delta R.T.: -0.007 min
Response: -10077738
Conc: N.D.



#25 Chlordane-3

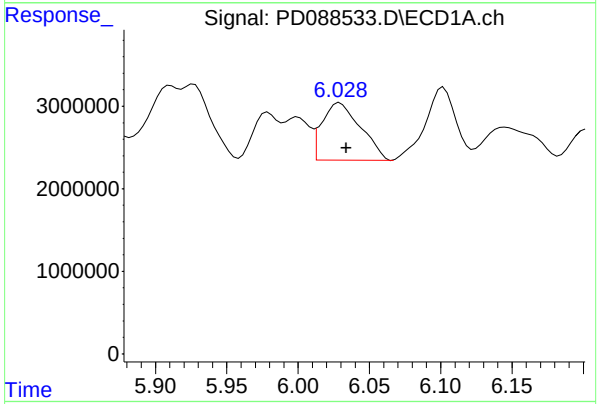
R.T.: 5.927 min
Delta R.T.: -0.022 min
Response: 12851939
Conc: 19.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
MOO-25-0145



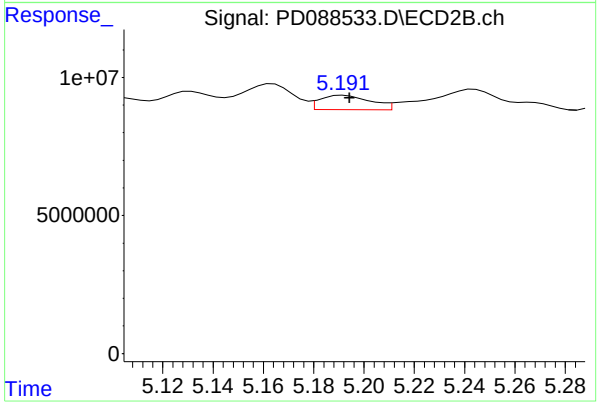
#25 Chlordane-3

R.T.: 5.131 min
Delta R.T.: 0.002 min
Response: 9318996
Conc: 3.68 ng/ml



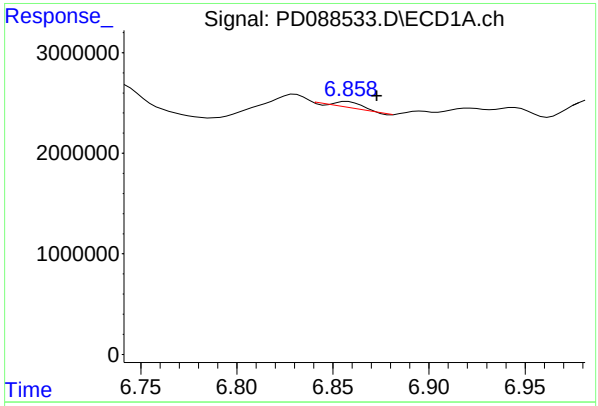
#26 Chlordane-4

R.T.: 6.029 min
Delta R.T.: -0.005 min
Response: 13047698
Conc: 16.00 ng/ml



#26 Chlordane-4

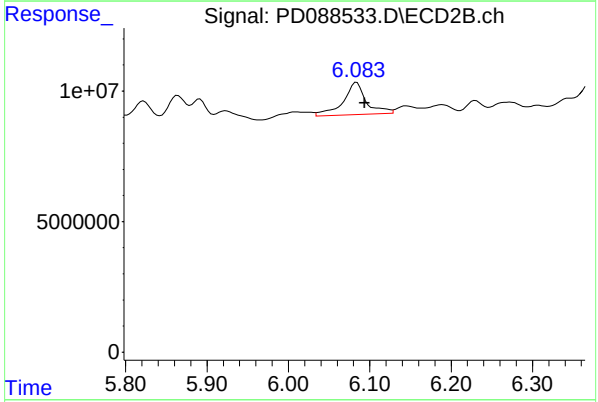
R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 7299321
Conc: 3.41 ng/ml



#27 Chlordane-5

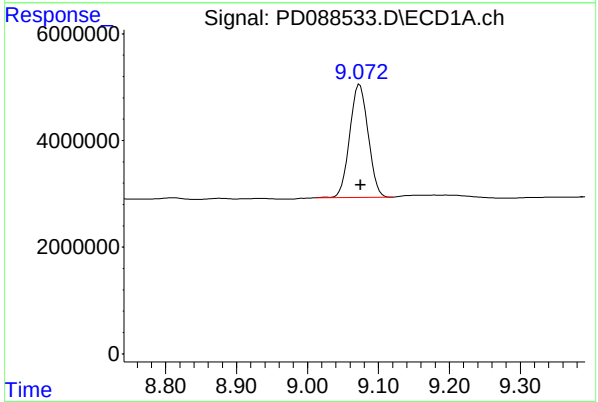
R.T.: 6.858 min
Delta R.T.: -0.015 min
Response: 501270
Conc: 3.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
MOO-25-0145



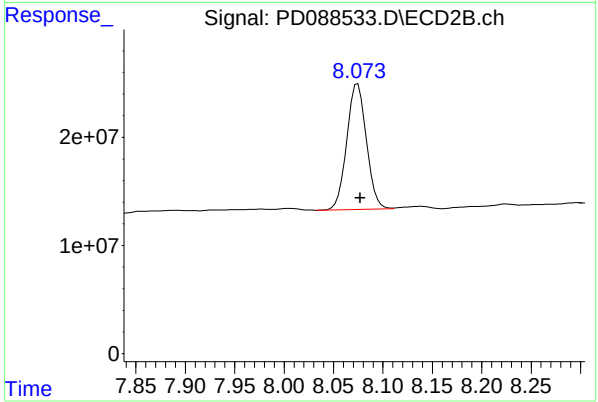
#27 Chlordane-5

R.T.: 6.084 min
Delta R.T.: -0.010 min
Response: 24319740
Conc: 25.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: -0.001 min
Response: 38207518
Conc: 11.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.002 min
Response: 160396558
Conc: 8.68 ng/ml