

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100523\
 Data File : PD078660.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2023 12:09
 Operator : AR\AJ
 Sample : 04469-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 21:21:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092823CLP.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 28 13:47:59 2023
 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

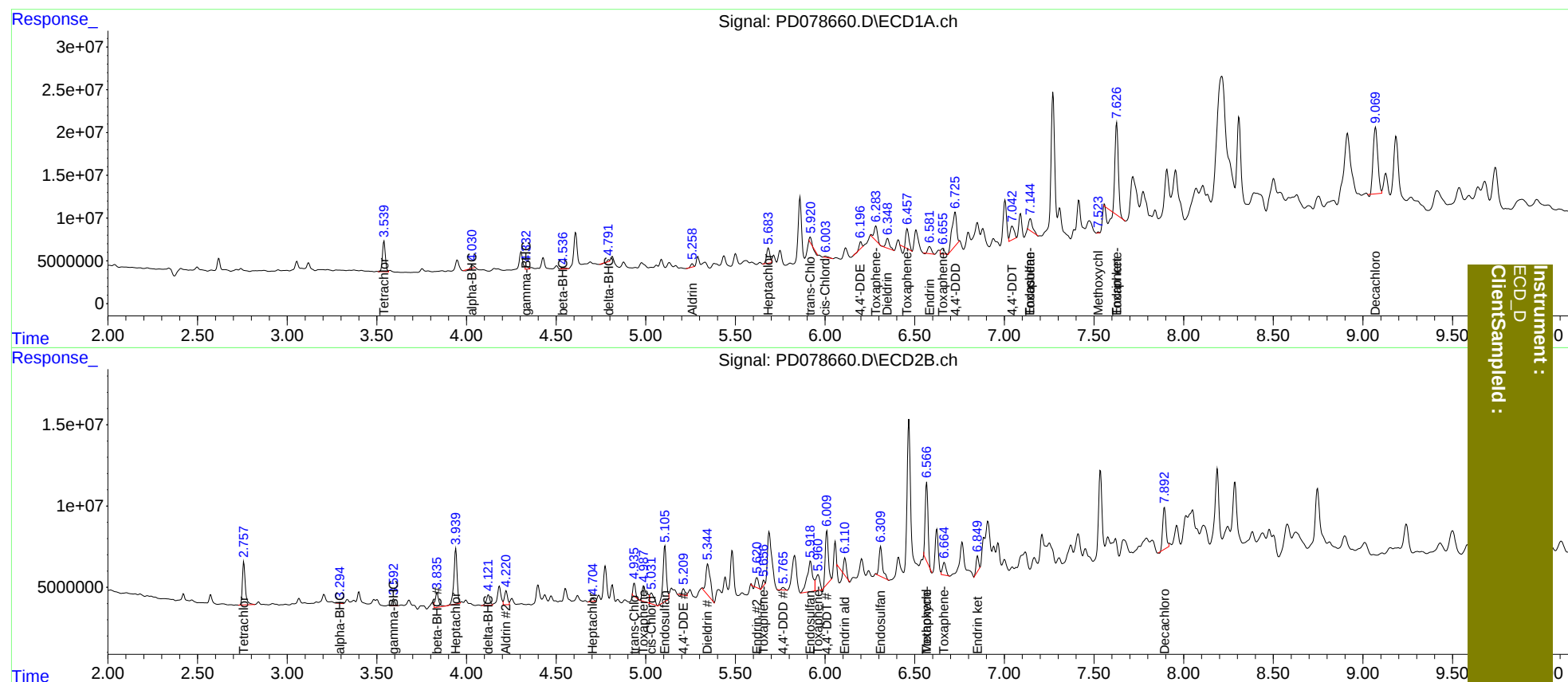
System Monitoring Compounds							
1)	SA Tetrachlo...	3.540	2.758	39888506	30120250	16.245	18.232
27)	SA Decachlor...	9.070	7.893	139.4E6	32243009	43.132	17.417 #
Target Compounds							
2)	A alpha-BHC	4.032f	3.295f	3096089	687834	0.747	0.270 #
3)	MA gamma-BHC...	4.333	3.593	3974473	4247628	1.002	1.779 #
4)	MA Heptachlor	0.000	3.941	0	42466543	N.D.	17.089
5)	MB Aldrin	5.260	4.221	3510404	10312630	0.863	4.204 #
6)	B beta-BHC	4.538	3.836f	1952582	12220011	1.129	11.225 #
7)	B delta-BHC	4.793	4.122	605083	8805593	0.152	3.582 #
8)	B Heptachlo...	5.684	4.706	22395604	1877808	6.046	0.814 #
9)	A Endosulfan I	6.062	5.107	-1087396	44650734	N.D.	21.706
10)	B trans-Chl...	5.918	4.936	4275538	7569281	1.186	3.397 #
11)	B cis-Chlor...	6.002	5.032	2668347	11630812	0.719	5.064 #
12)	B 4,4'-DDE	6.199	5.211	7215984	4277120	2.017	1.987
13)	MA Dieldrin	6.349	5.346	16645051	33869766	4.474	14.339 #
14)	MA Endrin	6.583	5.620	11596267	6660280	3.858	3.183
15)	B Endosulfa...	6.799	5.919	-4068697	39668433	N.D.	19.540
16)	A 4,4'-DDD	6.726	5.767	73903594	1479408	28.555	0.939 #
17)	MA 4,4'-DDT	7.044	6.010	24899524	37982713	9.640	23.348 #
18)	B Endrin al...	6.939	6.111	-2753100	3017025	N.D.	1.946
19)	B Endosulfa...	7.145	6.310	21090641	24718490	7.386	13.280 #
20)	A Methoxychlor	7.525	6.567	734798	52939942	0.498	59.683 #
21)	B Endrin ke...	7.627	6.851	117.2E6	8979848	36.849	4.180 #
22)	Toxaphene-1	6.284f	4.989	20571210	17558660	792.848	1453.771 #
23)	Toxaphene-2	6.458	5.658	22594328	2349240	696.120	175.678 #
24)	Toxaphene-3	6.657	5.961	8900626	14576870	394.883	949.628 #
25)	Toxaphene-4	7.145	6.567	21090641	52939942	310.111	1198.109 #
26)	Toxaphene-5	7.627f	6.665f	117.2E6	10620725	2506.710	170.644 #

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

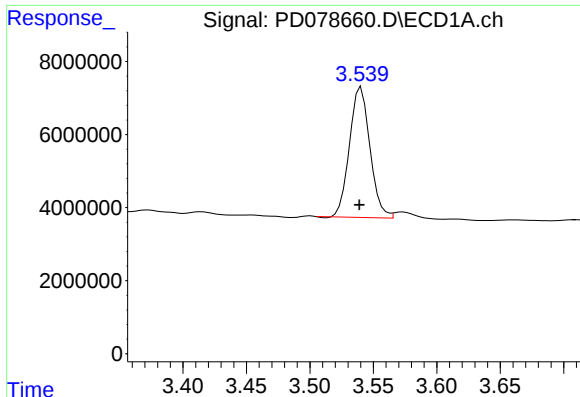
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100523\
Data File : PD078660.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Oct 2023 12:09
Operator : AR\AJ
Sample : 04469-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 21:21:24 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092823CLP.M
Quant Title : GC Extractables
QLast Update : Thu Sep 28 13:47:59 2023
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



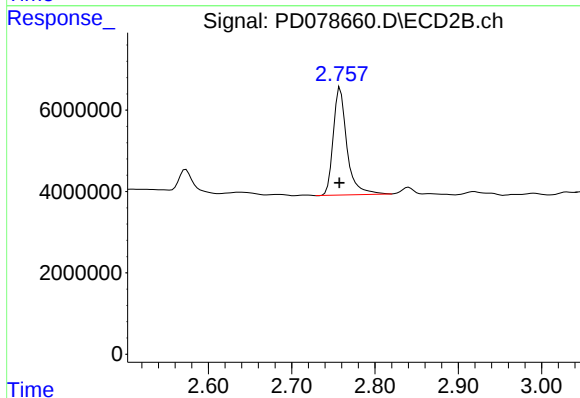
Instrument :
ECD_D
ClientSampled :



#1 Tetrachloro-m-xylene

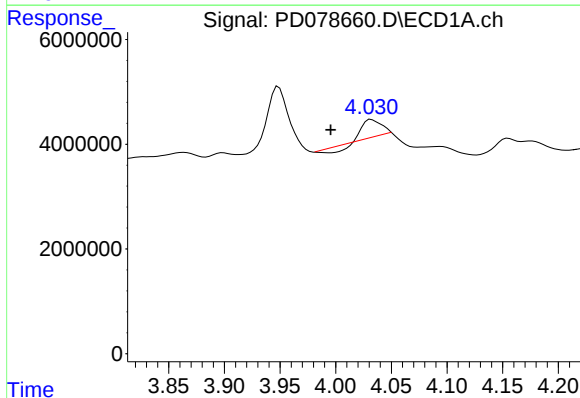
R.T.: 3.540 min
Delta R.T.: 0.001 min
Response: 39888506
Conc: 16.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



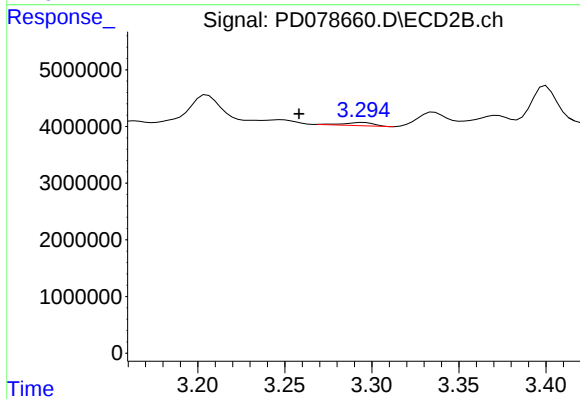
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 30120250
Conc: 18.23 ng/ml



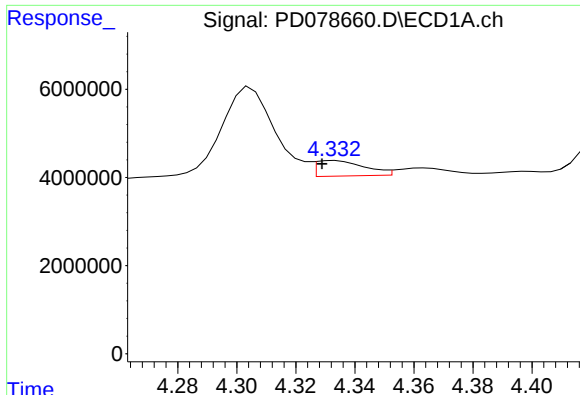
#2 alpha-BHC

R.T.: 4.032 min
Delta R.T.: 0.037 min
Response: 3096089
Conc: 0.75 ng/ml



#2 alpha-BHC

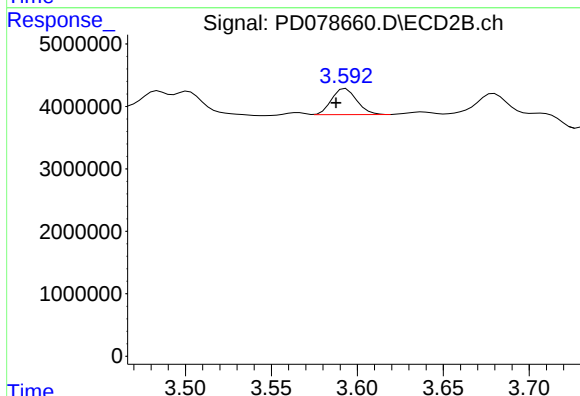
R.T.: 3.295 min
Delta R.T.: 0.037 min
Response: 687834
Conc: 0.27 ng/ml



#3 gamma-BHC (Lindane)

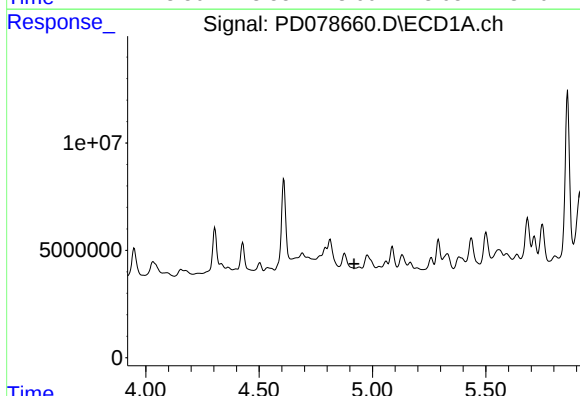
R.T.: 4.333 min
Delta R.T.: 0.004 min
Response: 3974473
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :



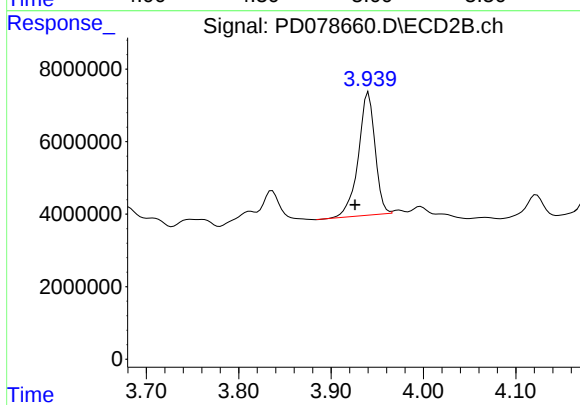
#3 gamma-BHC (Lindane)

R.T.: 3.593 min
Delta R.T.: 0.006 min
Response: 4247628
Conc: 1.78 ng/ml



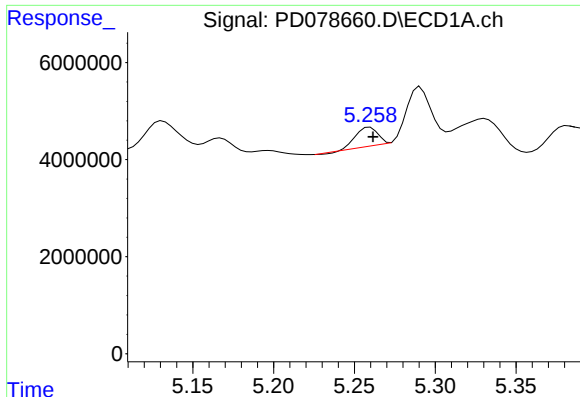
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.919 min
Response: 0
Conc: N.D.



#4 Heptachlor

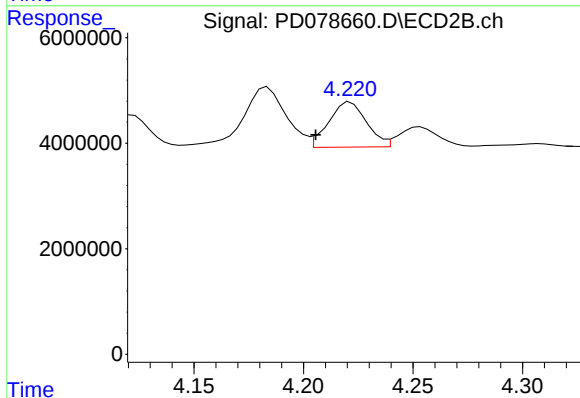
R.T.: 3.941 min
Delta R.T.: 0.014 min
Response: 42466543
Conc: 17.09 ng/ml



#5 Aldrin

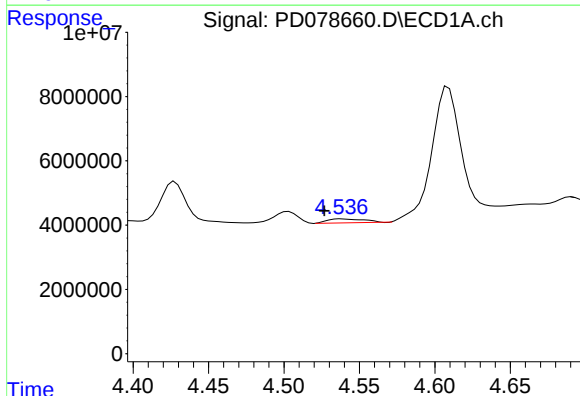
R.T.: 5.260 min
Delta R.T.: -0.002 min
Response: 3510404
Conc: 0.86 ng/ml

Instrument :
ECD_D
ClientSampleId :



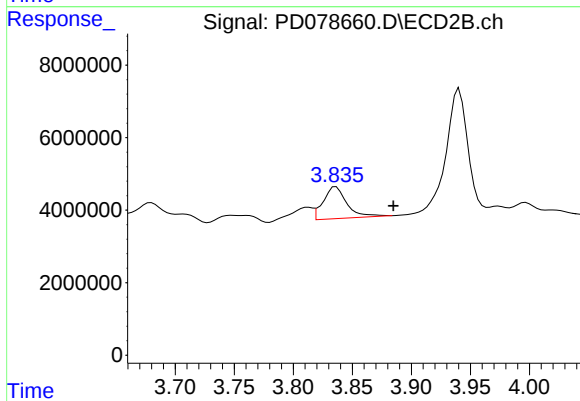
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.016 min
Response: 10312630
Conc: 4.20 ng/ml



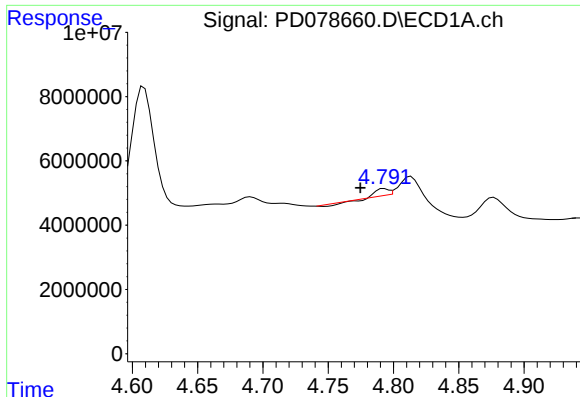
#6 beta-BHC

R.T.: 4.538 min
Delta R.T.: 0.011 min
Response: 1952582
Conc: 1.13 ng/ml



#6 beta-BHC

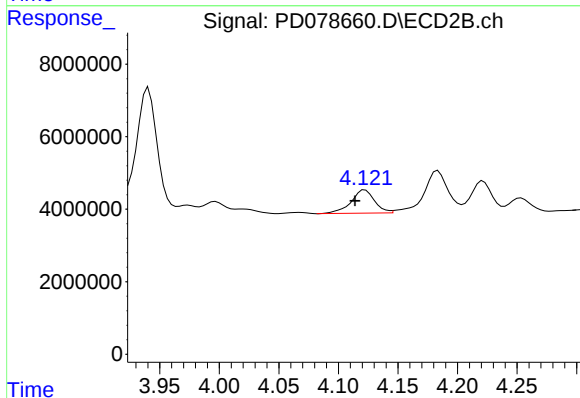
R.T.: 3.836 min
Delta R.T.: -0.049 min
Response: 12220011
Conc: 11.23 ng/ml



#7 delta-BHC

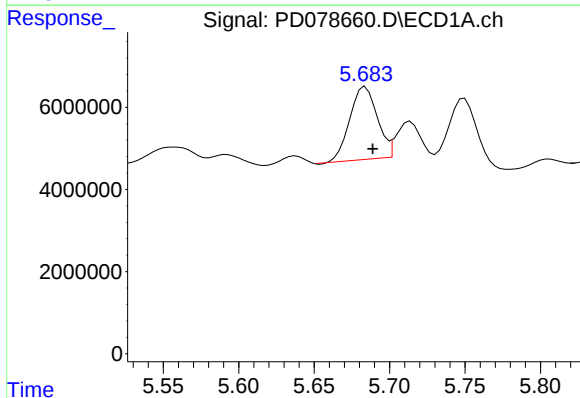
R.T.: 4.793 min
Delta R.T.: 0.018 min
Response: 605083
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



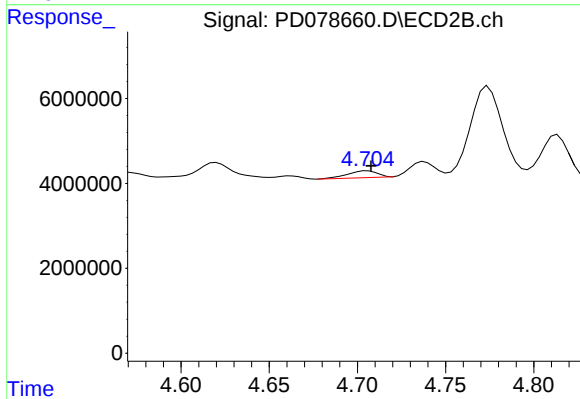
#7 delta-BHC

R.T.: 4.122 min
Delta R.T.: 0.008 min
Response: 8805593
Conc: 3.58 ng/ml



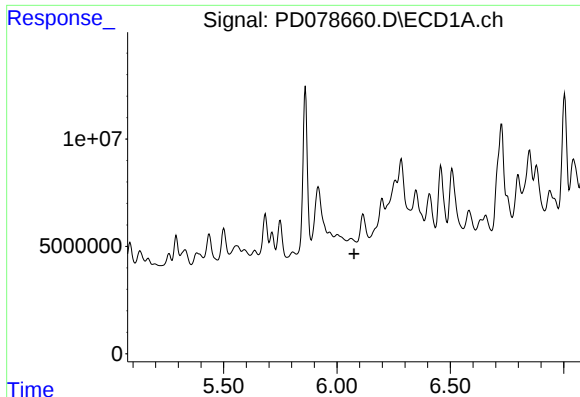
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.005 min
Response: 22395604
Conc: 6.05 ng/ml



#8 Heptachlor epoxide

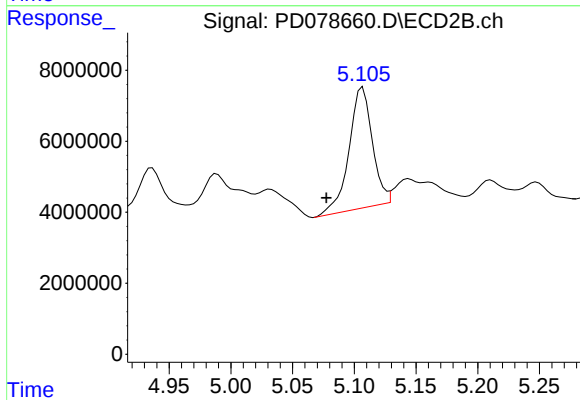
R.T.: 4.706 min
Delta R.T.: -0.002 min
Response: 1877808
Conc: 0.81 ng/ml



#9 Endosulfan I

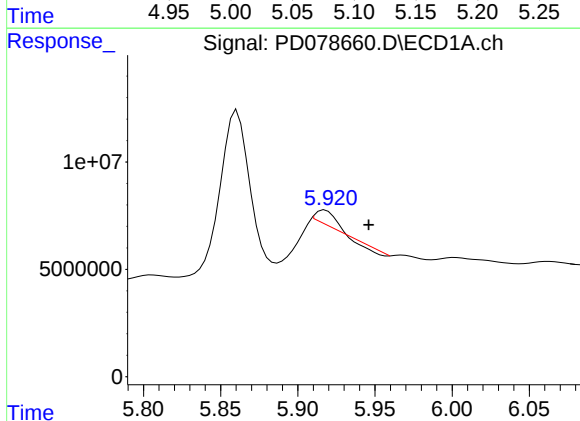
R.T.: 6.062 min
Delta R.T.: -0.014 min
Response: -1087396
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



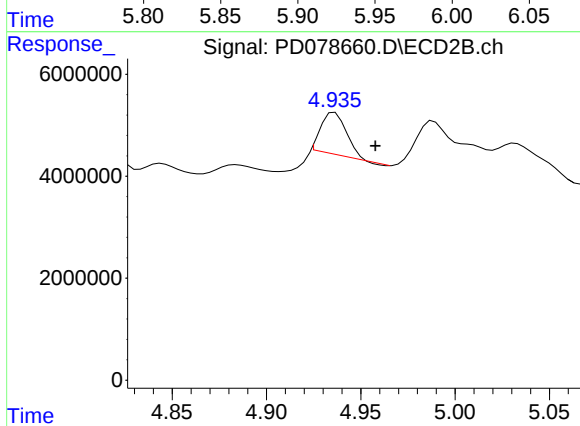
#9 Endosulfan I

R.T.: 5.107 min
Delta R.T.: 0.029 min
Response: 44650734
Conc: 21.71 ng/ml



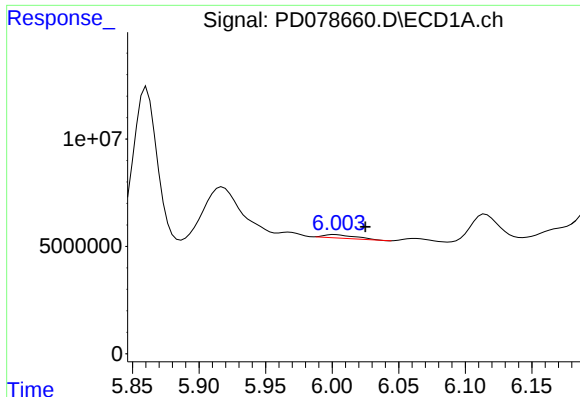
#10 trans-Chlordane

R.T.: 5.918 min
Delta R.T.: -0.028 min
Response: 4275538
Conc: 1.19 ng/ml



#10 trans-Chlordane

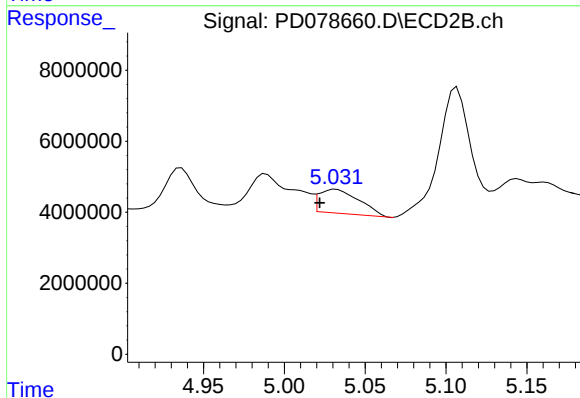
R.T.: 4.936 min
Delta R.T.: -0.021 min
Response: 7569281
Conc: 3.40 ng/ml



#11 cis-Chlordane

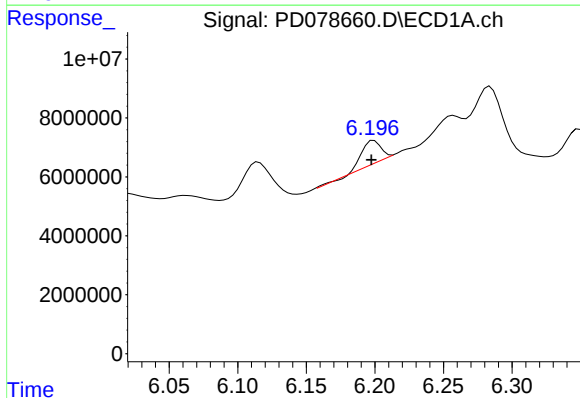
R.T.: 6.002 min
Delta R.T.: -0.023 min
Response: 2668347
Conc: 0.72 ng/ml

Instrument :
ECD_D
ClientSampleId :



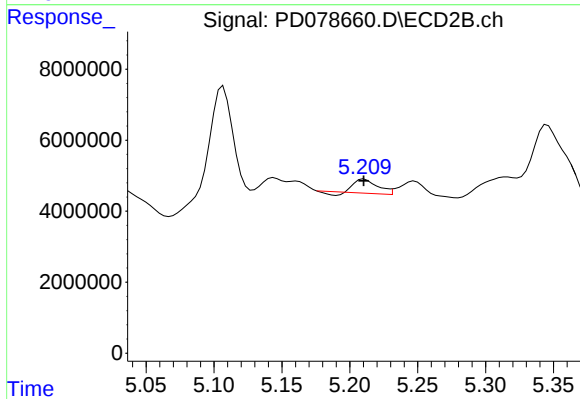
#11 cis-Chlordane

R.T.: 5.032 min
Delta R.T.: 0.010 min
Response: 11630812
Conc: 5.06 ng/ml



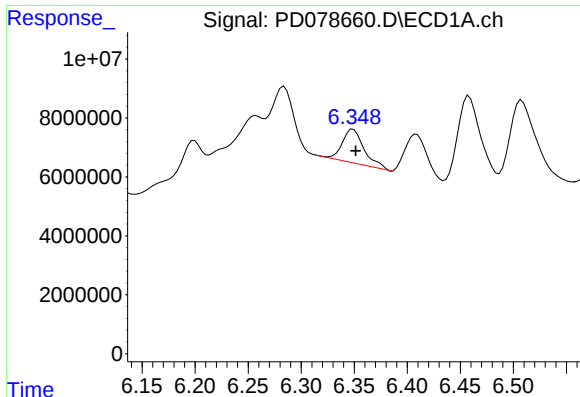
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.002 min
Response: 7215984
Conc: 2.02 ng/ml



#12 4,4'-DDE

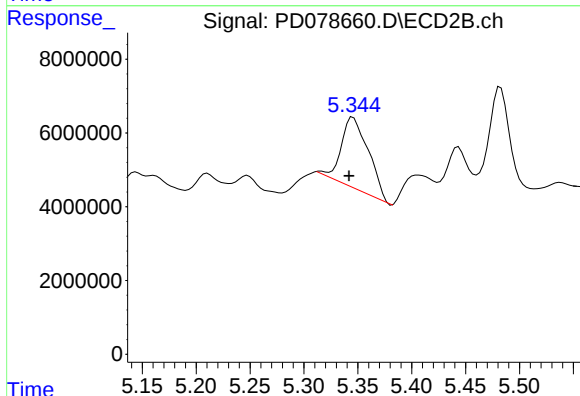
R.T.: 5.211 min
Delta R.T.: 0.000 min
Response: 4277120
Conc: 1.99 ng/ml



#13 Dieldrin

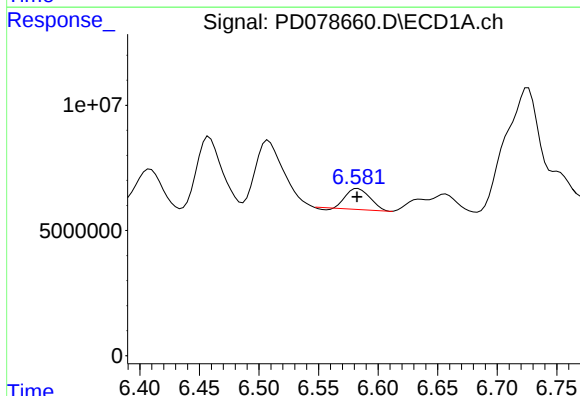
R.T.: 6.349 min
Delta R.T.: -0.003 min
Response: 16645051
Conc: 4.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



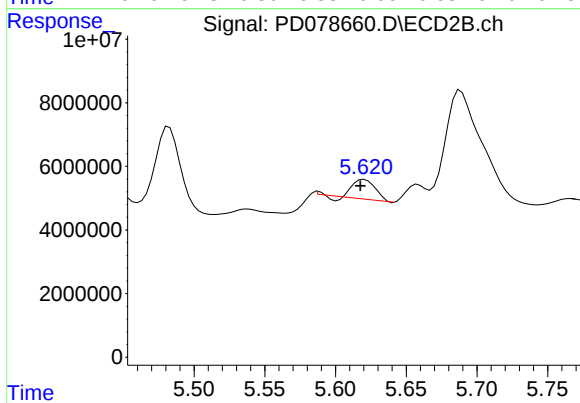
#13 Dieldrin

R.T.: 5.346 min
Delta R.T.: 0.004 min
Response: 33869766
Conc: 14.34 ng/ml



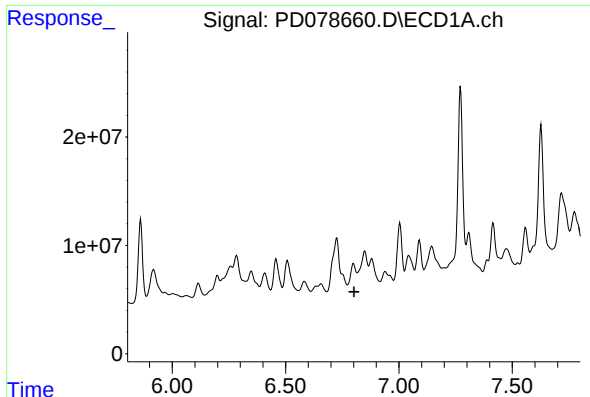
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 11596267
Conc: 3.86 ng/ml



#14 Endrin

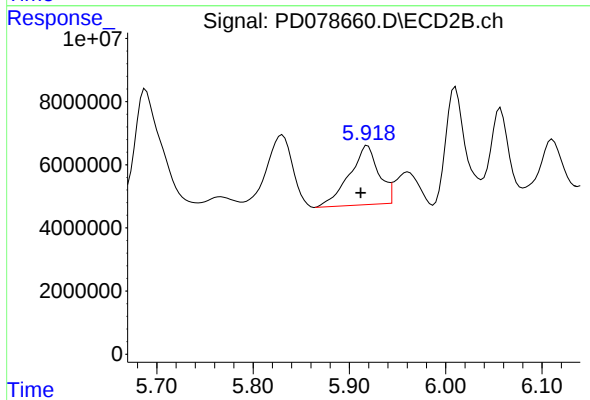
R.T.: 5.620 min
Delta R.T.: 0.003 min
Response: 6660280
Conc: 3.18 ng/ml



#15 Endosulfan II

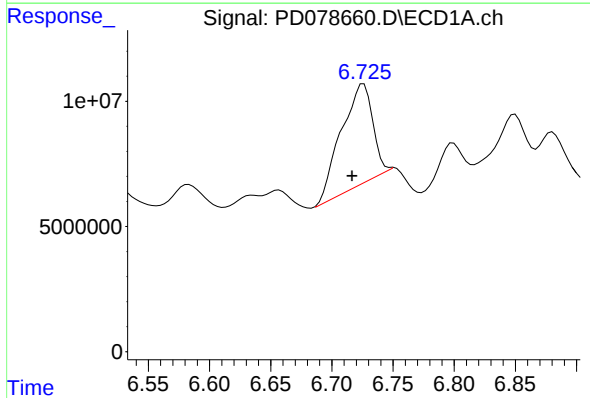
R.T.: 6.799 min
Delta R.T.: -0.003 min
Response: -4068697
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



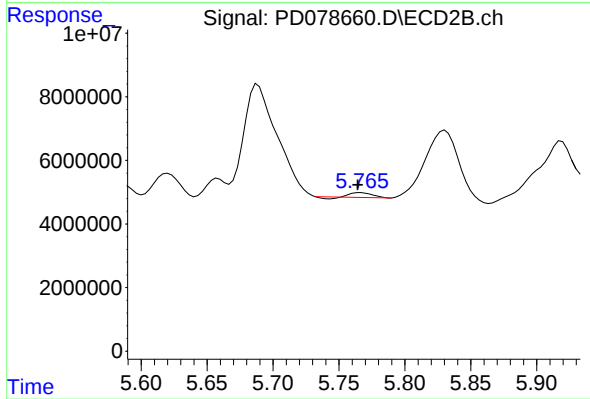
#15 Endosulfan II

R.T.: 5.919 min
Delta R.T.: 0.007 min
Response: 39668433
Conc: 19.54 ng/ml



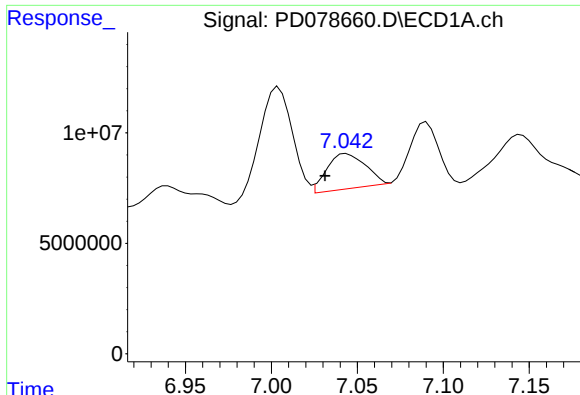
#16 4,4'-DDD

R.T.: 6.726 min
Delta R.T.: 0.010 min
Response: 73903594
Conc: 28.56 ng/ml



#16 4,4'-DDD

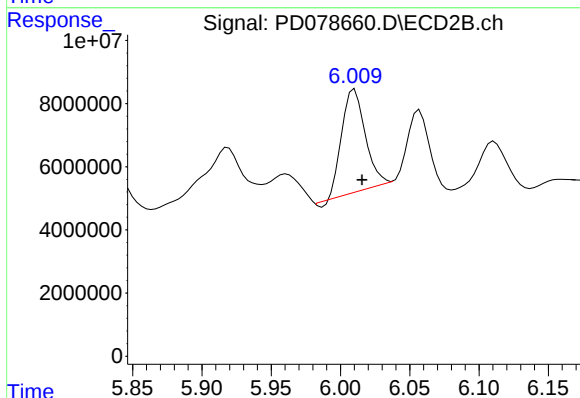
R.T.: 5.767 min
Delta R.T.: 0.003 min
Response: 1479408
Conc: 0.94 ng/ml



#17 4,4'-DDT

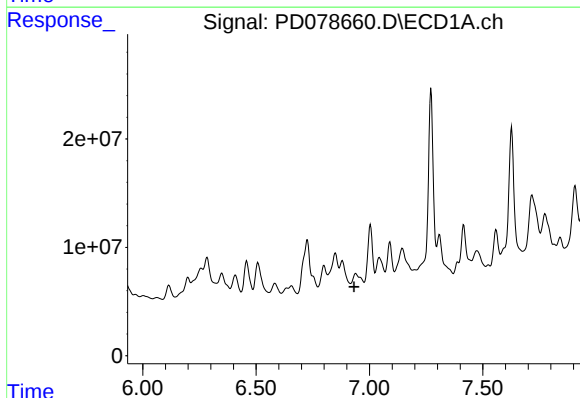
R.T.: 7.044 min
Delta R.T.: 0.012 min
Response: 24899524
Conc: 9.64 ng/ml

Instrument :
ECD_D
ClientSampleId :



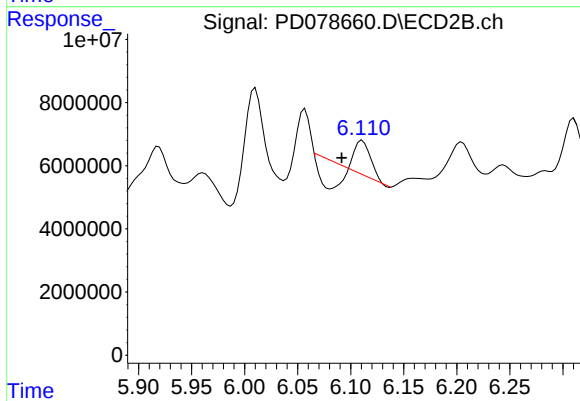
#17 4,4'-DDT

R.T.: 6.010 min
Delta R.T.: -0.006 min
Response: 37982713
Conc: 23.35 ng/ml



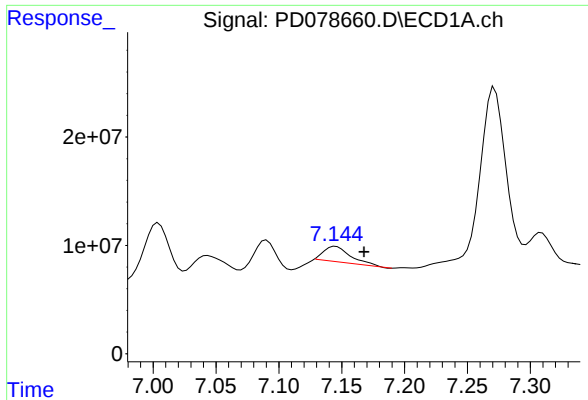
#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: 0.007 min
Response: -2753100
Conc: N.D.



#18 Endrin aldehyde

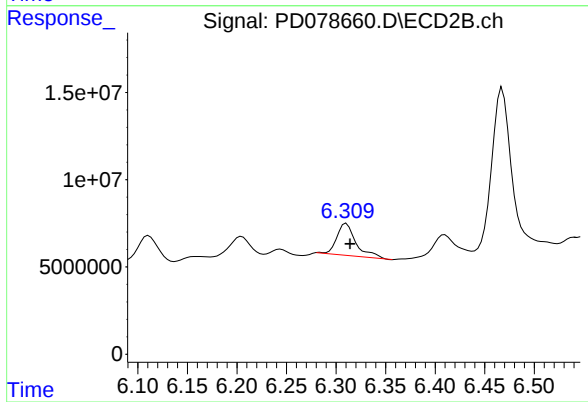
R.T.: 6.111 min
Delta R.T.: 0.019 min
Response: 3017025
Conc: 1.95 ng/ml



#19 Endosulfan Sulfate

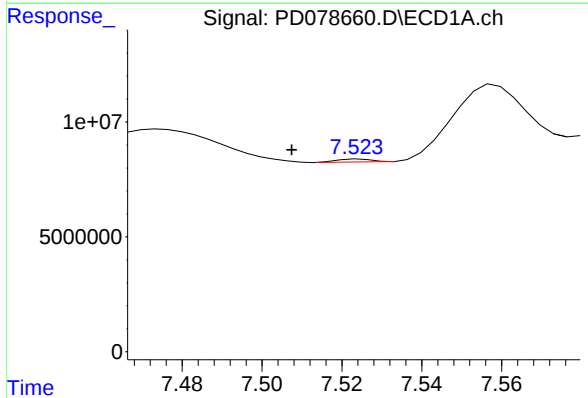
R.T.: 7.145 min
Delta R.T.: -0.022 min
Response: 21090641
Conc: 7.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



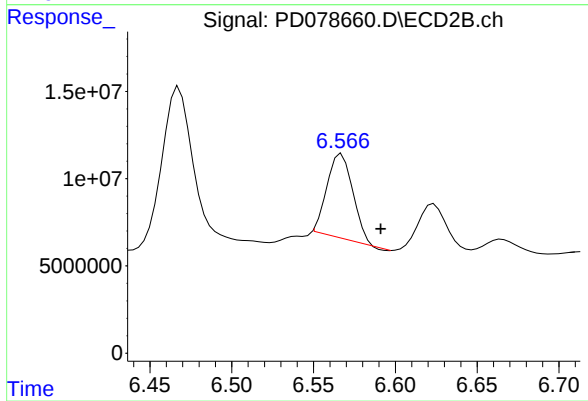
#19 Endosulfan Sulfate

R.T.: 6.310 min
Delta R.T.: -0.004 min
Response: 24718490
Conc: 13.28 ng/ml



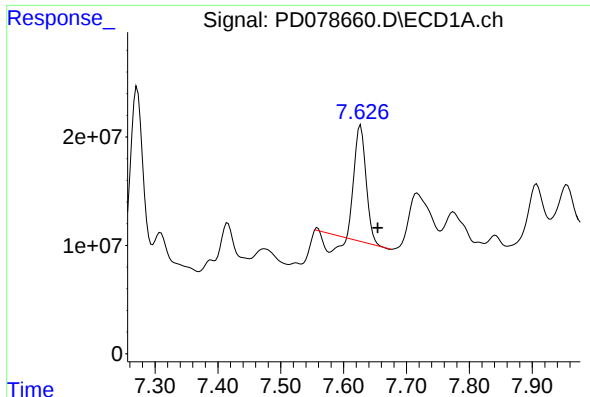
#20 Methoxychlor

R.T.: 7.525 min
Delta R.T.: 0.017 min
Response: 734798
Conc: 0.50 ng/ml



#20 Methoxychlor

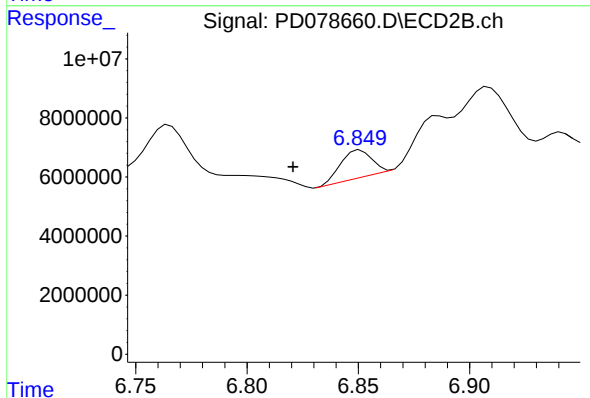
R.T.: 6.567 min
Delta R.T.: -0.024 min
Response: 52939942
Conc: 59.68 ng/ml



#21 Endrin ketone

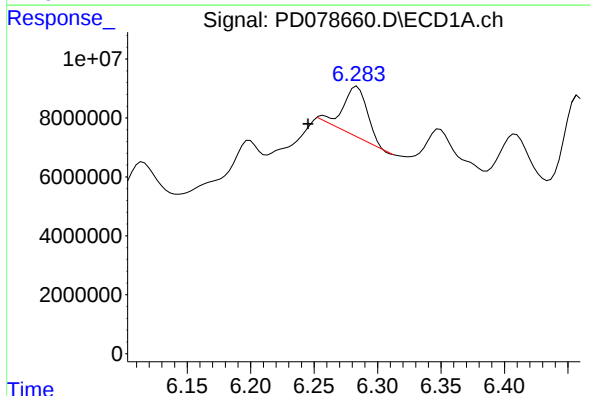
R.T.: 7.627 min
Delta R.T.: -0.027 min
Response: 117175033
Conc: 36.85 ng/ml

Instrument :
ECD_D
ClientSampleId :



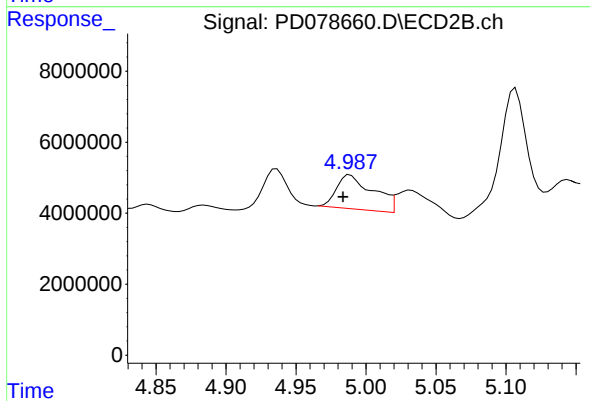
#21 Endrin ketone

R.T.: 6.851 min
Delta R.T.: 0.030 min
Response: 8979848
Conc: 4.18 ng/ml



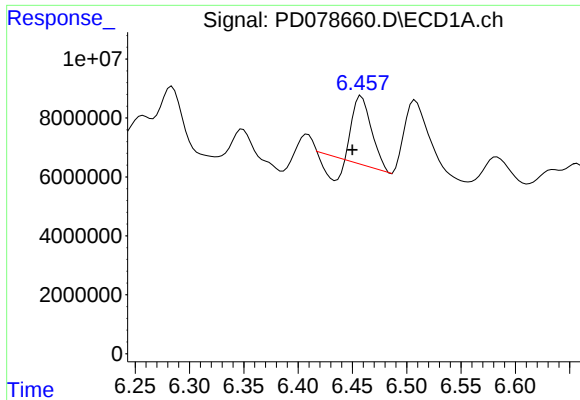
#22 Toxaphene-1

R.T.: 6.284 min
Delta R.T.: 0.039 min
Response: 20571210
Conc: 792.85 ng/ml



#22 Toxaphene-1

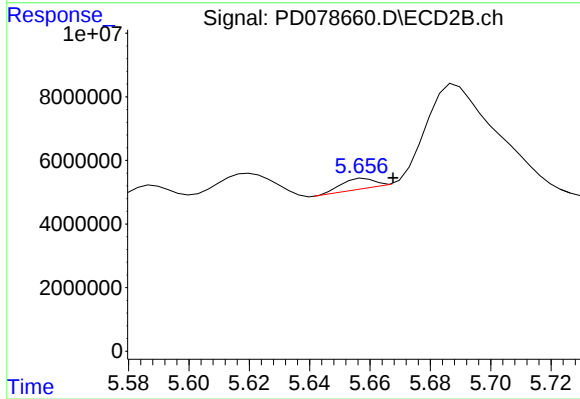
R.T.: 4.989 min
Delta R.T.: 0.005 min
Response: 17558660
Conc: 1453.77 ng/ml



#23 Toxaphene-2

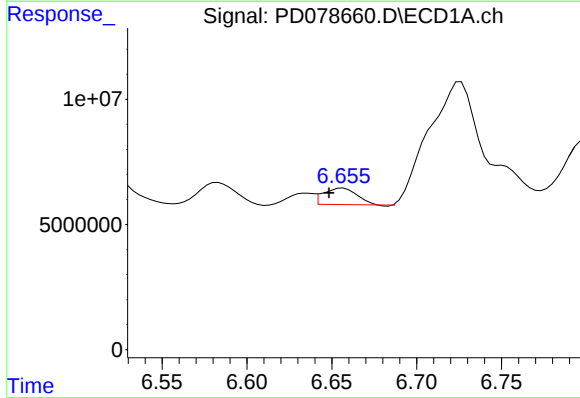
R.T.: 6.458 min
Delta R.T.: 0.008 min
Response: 22594328
Conc: 696.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



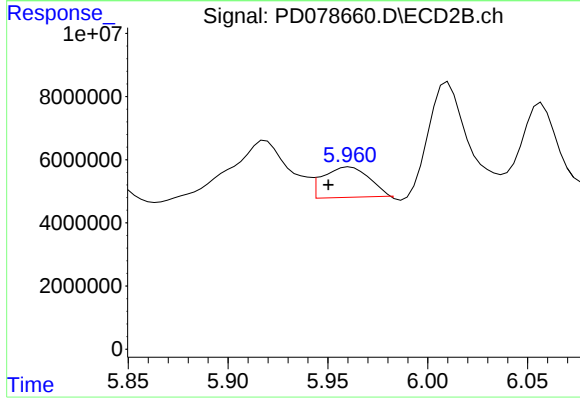
#23 Toxaphene-2

R.T.: 5.658 min
Delta R.T.: -0.009 min
Response: 2349240
Conc: 175.68 ng/ml



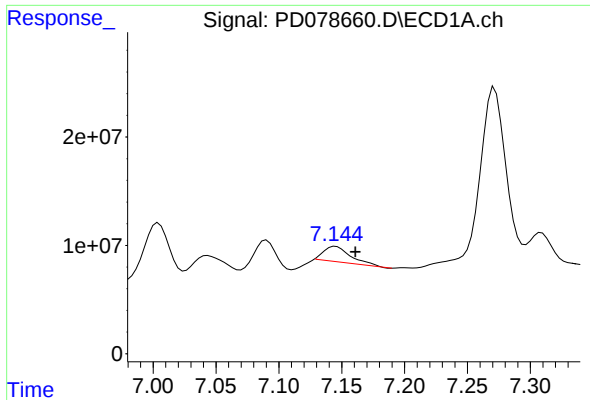
#24 Toxaphene-3

R.T.: 6.657 min
Delta R.T.: 0.008 min
Response: 8900626
Conc: 394.88 ng/ml



#24 Toxaphene-3

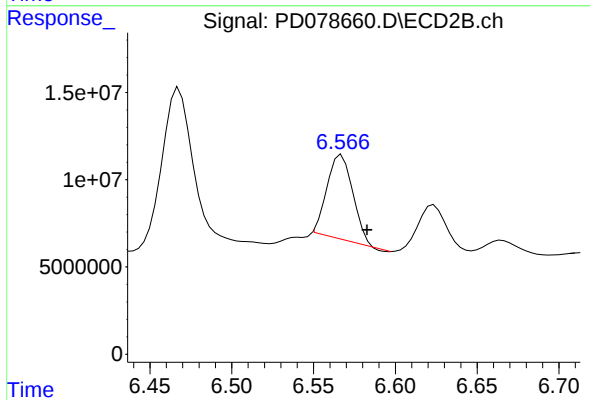
R.T.: 5.961 min
Delta R.T.: 0.011 min
Response: 14576870
Conc: 949.63 ng/ml



#25 Toxaphene-4

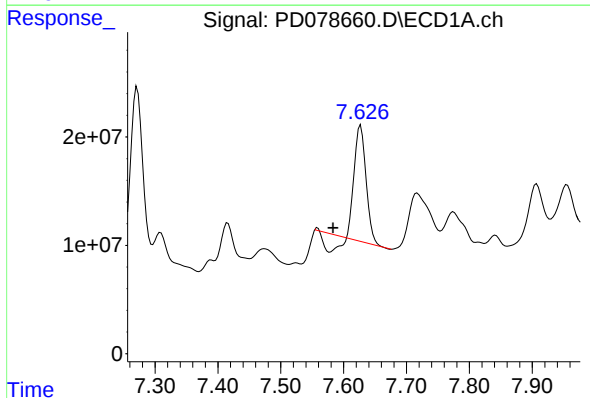
R.T.: 7.145 min
Delta R.T.: -0.016 min
Response: 21090641
Conc: 310.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



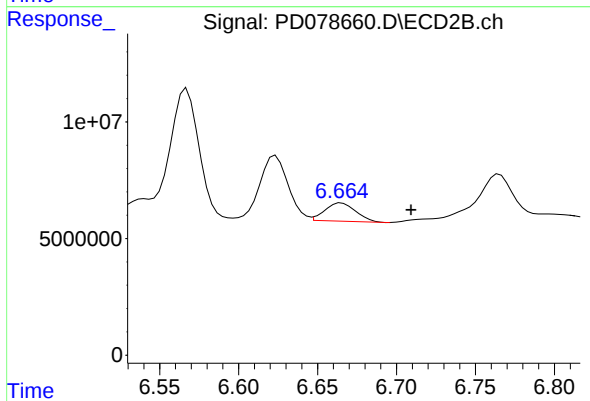
#25 Toxaphene-4

R.T.: 6.567 min
Delta R.T.: -0.016 min
Response: 52939942
Conc: 1198.11 ng/ml



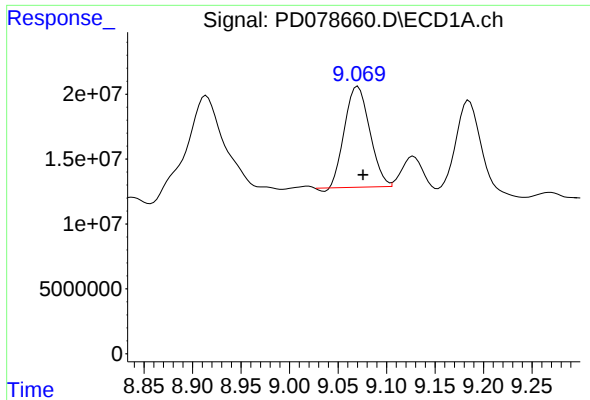
#26 Toxaphene-5

R.T.: 7.627 min
Delta R.T.: 0.044 min
Response: 117175033
Conc: 2506.71 ng/ml



#26 Toxaphene-5

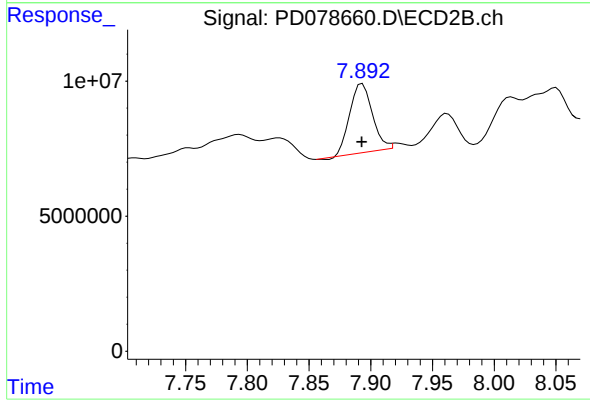
R.T.: 6.665 min
Delta R.T.: -0.044 min
Response: 10620725
Conc: 170.64 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: -0.005 min
Response: 139426645
Conc: 43.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.893 min
Delta R.T.: 0.000 min
Response: 32243009
Conc: 17.42 ng/ml