

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042825\
 Data File : PD088312.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Apr 2025 17:17
 Operator : AR\AJ
 Sample : Q1871-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

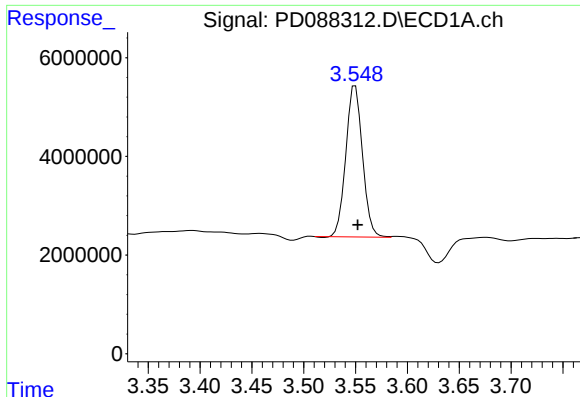
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 02:22:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.550	2.882	34191689	258.9E6	17.118	17.706
28)	SA Decachlor...	9.078	8.074	57931303	246.7E6	17.512	13.348
Target Compounds							
2)	A alpha-BHC	0.000	3.383	0	2367615	N.D.	0.104 #
3)	MA gamma-BHC...	4.300f	3.733	56509400	24471014	13.495	1.136 #
4)	MA Heptachlor	4.943	4.106f	6367215	15464093	1.576	0.723 #
5)	MB Aldrin	5.289f	4.365	1015103	31204121	0.257	1.500 #
6)	B beta-BHC	4.487f	0.000	11172097	0	6.882	N.D. #
7)	B delta-BHC	4.779	4.254	5643055	12494911	1.368	0.588 #
8)	B Heptachlo...	5.684	4.871	1082358	24305266	0.303	1.286 #
9)	A Endosulfan I	6.096f	5.270f	29056497	245.9E6	8.604	13.649 #
10)	B gamma-Chl...	5.971f	5.133	2700429	113.2E6	0.746	5.577 #
11)	B alpha-Chl...	6.039	5.206	2628796	94265244	0.728	4.809 #
12)	B 4,4'-DDE	0.000	5.393	0	16441656	N.D.	0.835 #
13)	MA Dieldrin	0.000	5.514	0	154.7E6	N.D.	7.763 #
14)	MA Endrin	6.575	5.781	10391095	50730419	3.484	2.787
15)	B Endosulfa...	6.779	6.084	3648967	165.9E6	1.167	9.468 #
16)	A 4,4'-DDD	6.689f	5.938	10872341	-24568377	4.323	N.D. #
17)	MA 4,4'-DDT	7.024	6.181	5959201	19393567	2.145	1.140 #
18)	B Endrin al...	6.919	6.274	7154657	32259616	3.100	2.425
19)	B Endosulfa...	7.149	6.499	488352	22223208	0.170	1.297 #
22)	Mirex	8.106	7.170f	6387577	8896510	2.720	0.600 #
23)	Chlordane-1	4.728	3.902	579777	26227621	3.490	32.715 #
24)	Chlordane-2	5.255	4.507	4561968	6506948	27.394	7.884 #
25)	Chlordane-3	5.971f	5.133	2700429	113.2E6	4.003	44.755 #
26)	Chlordane-4	6.039	5.206	2628796	94265244	3.224	44.087 #
27)	Chlordane-5	6.868	6.084	6796230	165.9E6	50.020	171.811 #

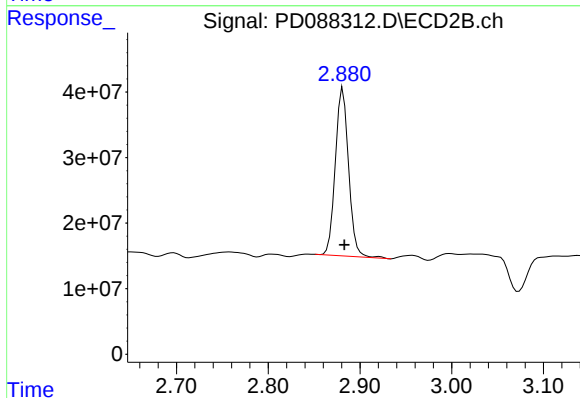
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

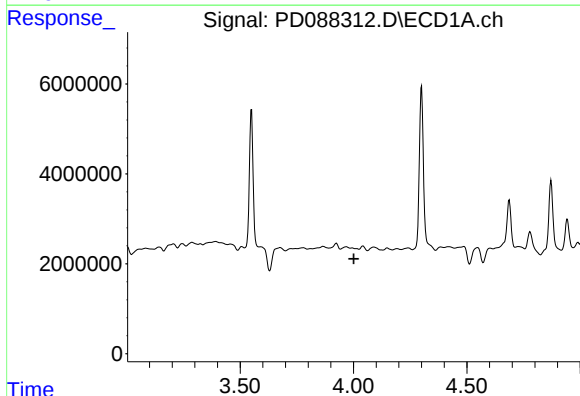
R.T.: 3.550 min
Delta R.T.: -0.002 min
Response: 34191689
Conc: 17.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



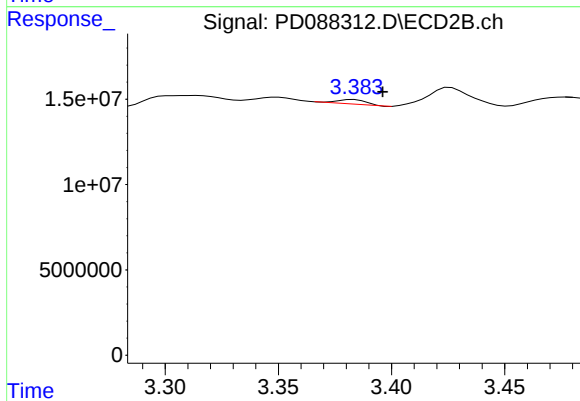
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: -0.001 min
Response: 258896742
Conc: 17.71 ng/ml



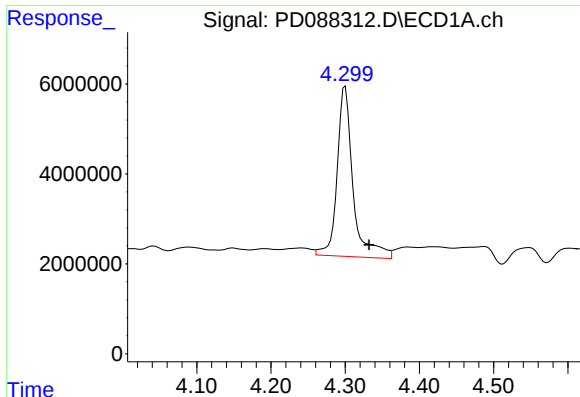
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



#2 alpha-BHC

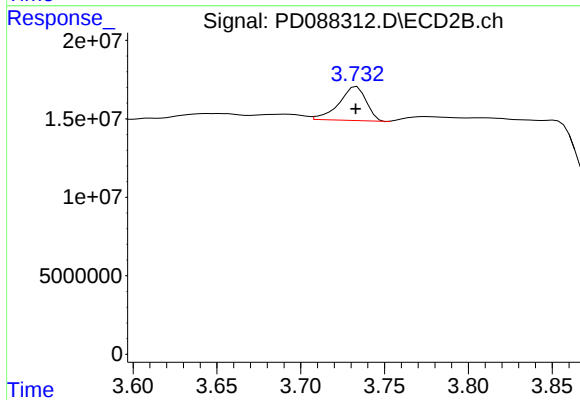
R.T.: 3.383 min
Delta R.T.: -0.013 min
Response: 2367615
Conc: 0.10 ng/ml



#3 gamma-BHC (Lindane)

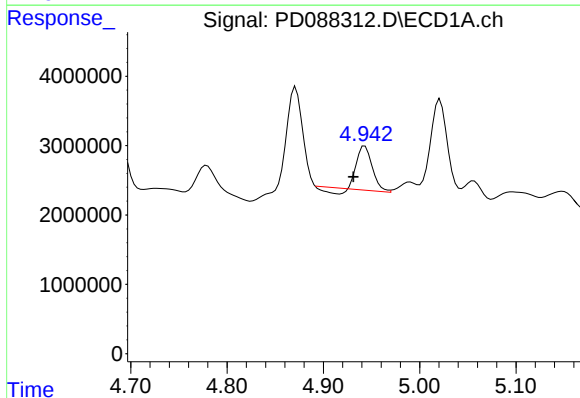
R.T.: 4.300 min
Delta R.T.: -0.032 min
Response: 56509400
Conc: 13.49 ng/ml

Instrument :
ECD_D
ClientSampleId :



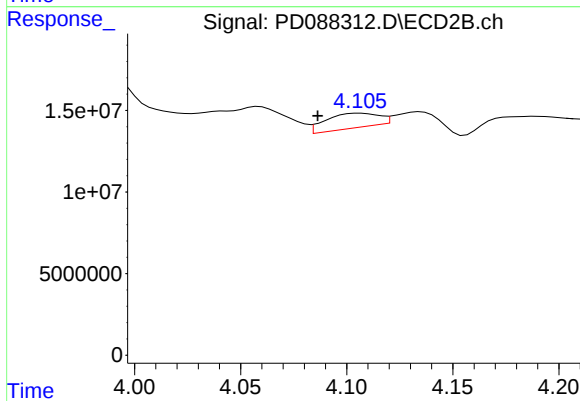
#3 gamma-BHC (Lindane)

R.T.: 3.733 min
Delta R.T.: 0.000 min
Response: 24471014
Conc: 1.14 ng/ml



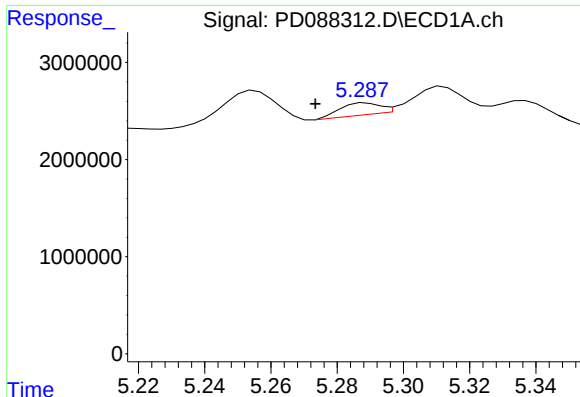
#4 Heptachlor

R.T.: 4.943 min
Delta R.T.: 0.012 min
Response: 6367215
Conc: 1.58 ng/ml



#4 Heptachlor

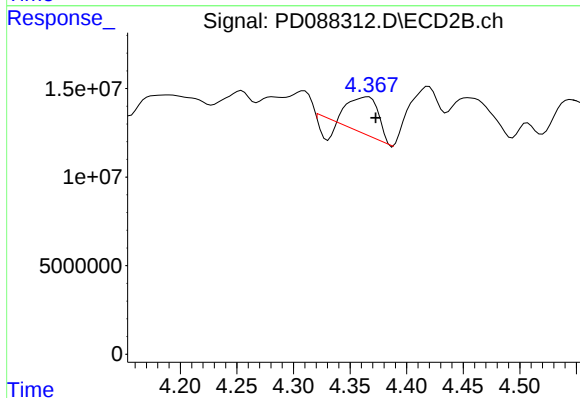
R.T.: 4.106 min
Delta R.T.: 0.020 min
Response: 15464093
Conc: 0.72 ng/ml



#5 Aldrin

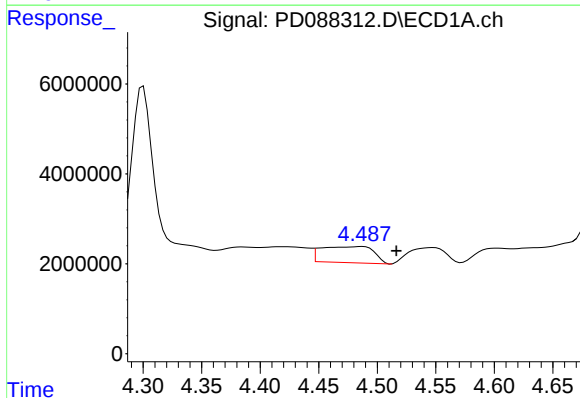
R.T.: 5.289 min
Delta R.T.: 0.016 min
Response: 1015103
Conc: 0.26 ng/ml

Instrument :
ECD_D
ClientSampleId :



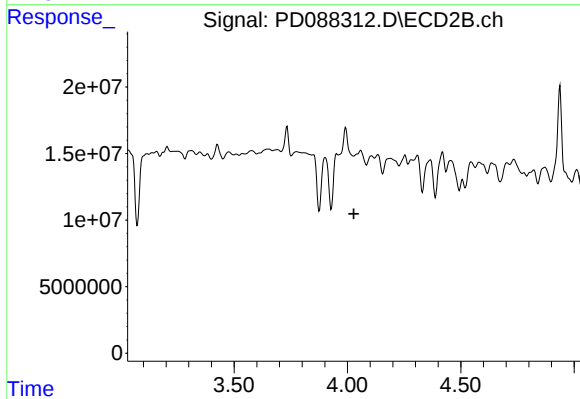
#5 Aldrin

R.T.: 4.365 min
Delta R.T.: -0.007 min
Response: 31204121
Conc: 1.50 ng/ml



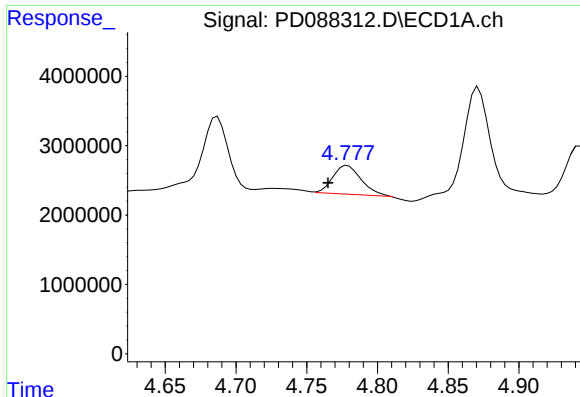
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: -0.029 min
Response: 11172097
Conc: 6.88 ng/ml



#6 beta-BHC

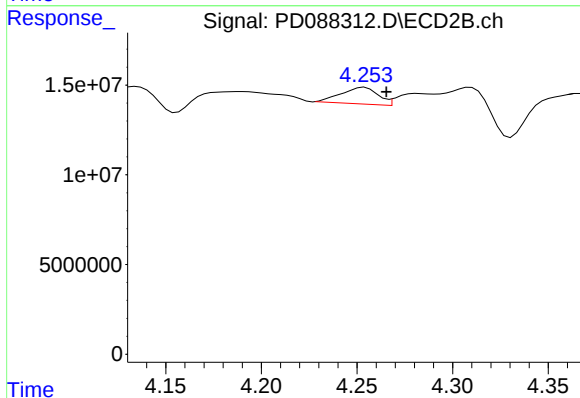
R.T.: 0.000 min
Exp R.T. : 4.028 min
Response: 0
Conc: N.D.



#7 delta-BHC

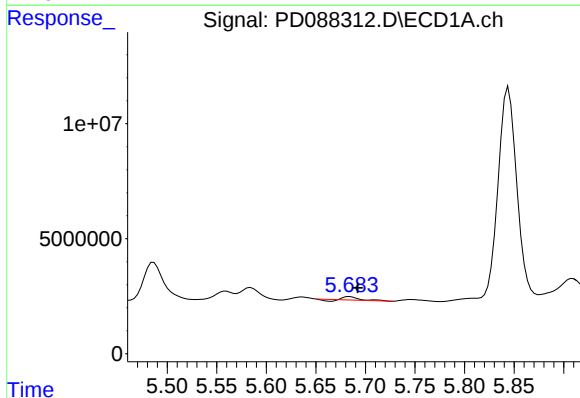
R.T.: 4.779 min
Delta R.T.: 0.014 min
Response: 5643055
Conc: 1.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



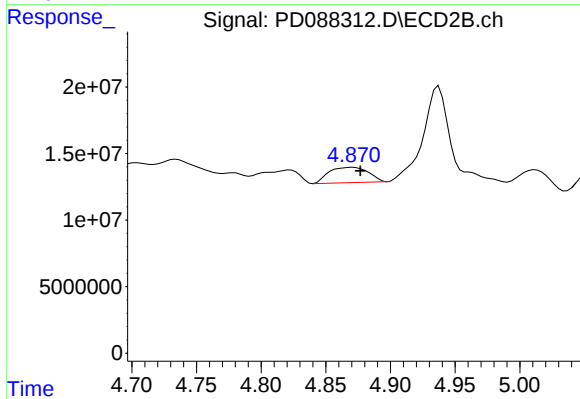
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.012 min
Response: 12494911
Conc: 0.59 ng/ml



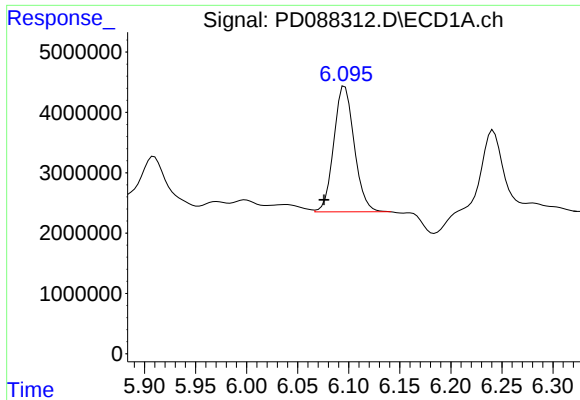
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.008 min
Response: 1082358
Conc: 0.30 ng/ml



#8 Heptachlor epoxide

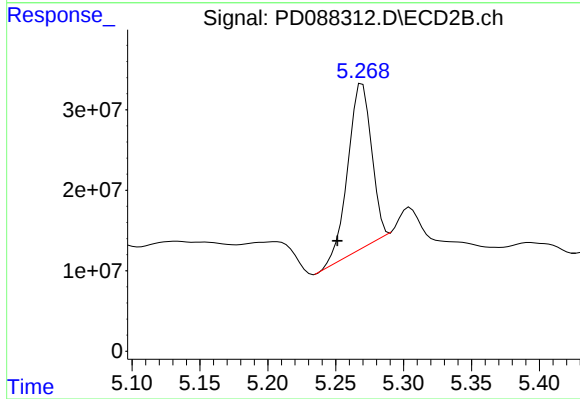
R.T.: 4.871 min
Delta R.T.: -0.006 min
Response: 24305266
Conc: 1.29 ng/ml



#9 Endosulfan I

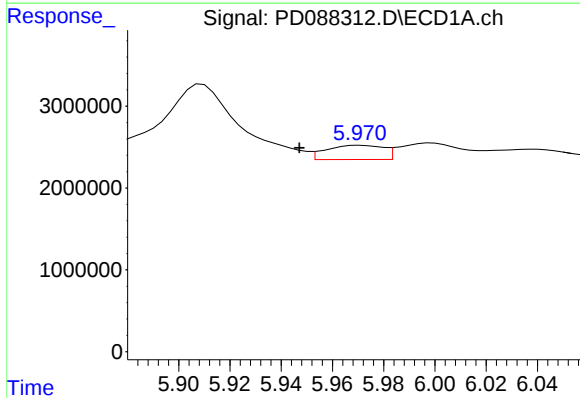
R.T.: 6.096 min
Delta R.T.: 0.020 min
Response: 29056497
Conc: 8.60 ng/ml

Instrument :
ECD_D
ClientSampleId :



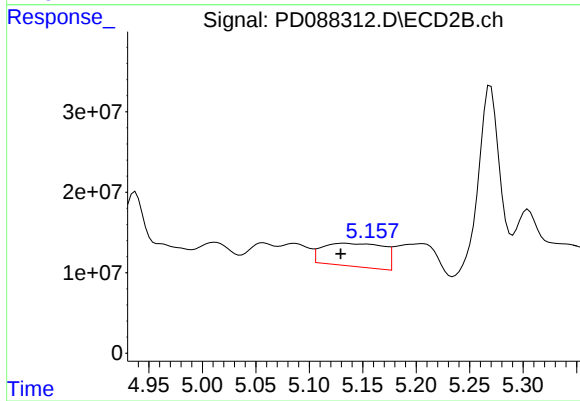
#9 Endosulfan I

R.T.: 5.270 min
Delta R.T.: 0.019 min
Response: 245859138
Conc: 13.65 ng/ml



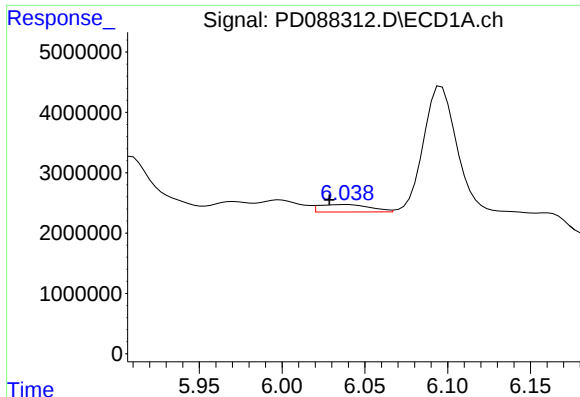
#10 gamma-Chlordane

R.T.: 5.971 min
Delta R.T.: 0.024 min
Response: 2700429
Conc: 0.75 ng/ml



#10 gamma-Chlordane

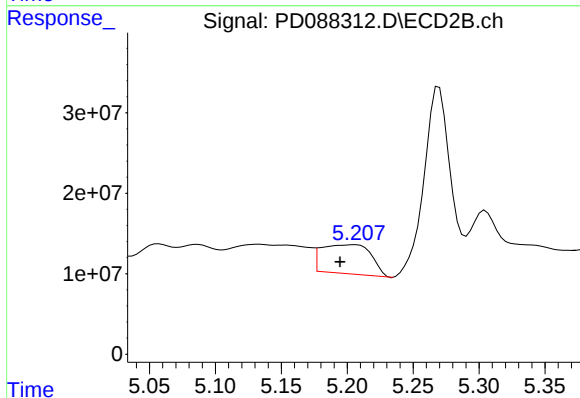
R.T.: 5.133 min
Delta R.T.: 0.003 min
Response: 113187081
Conc: 5.58 ng/ml



#11 alpha-Chlordane

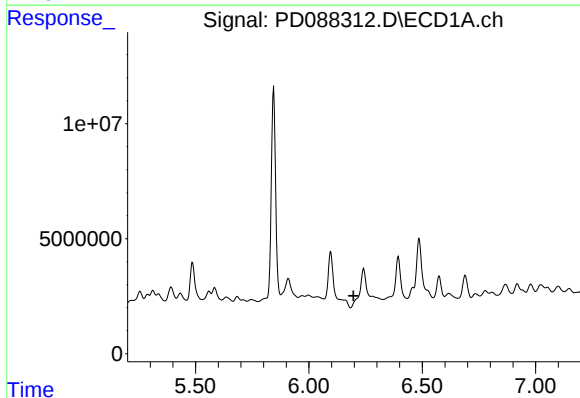
R.T.: 6.039 min
Delta R.T.: 0.010 min
Response: 2628796
Conc: 0.73 ng/ml

Instrument :
ECD_D
ClientSampleId :



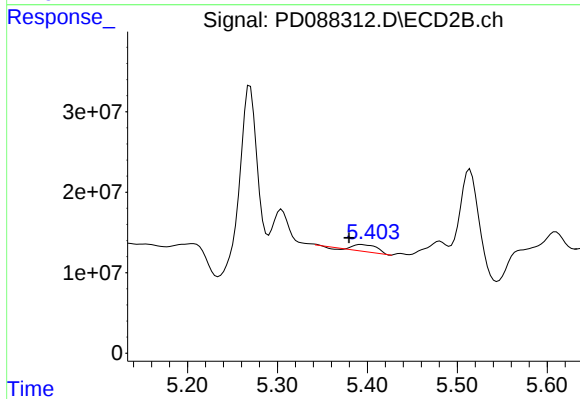
#11 alpha-Chlordane

R.T.: 5.206 min
Delta R.T.: 0.011 min
Response: 94265244
Conc: 4.81 ng/ml



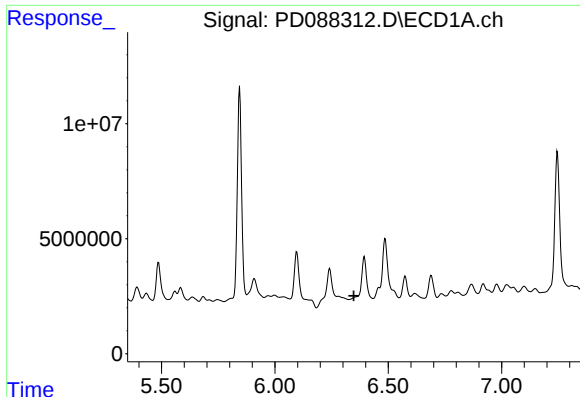
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.197 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

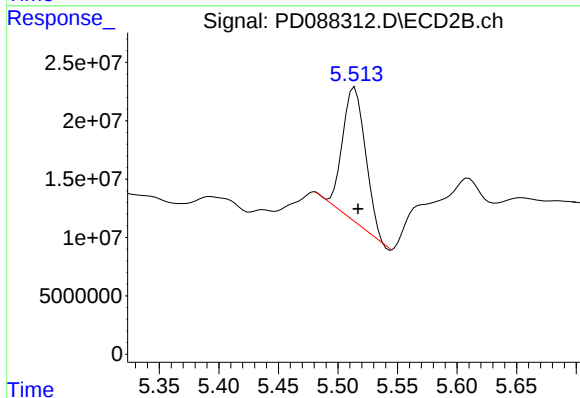
R.T.: 5.393 min
Delta R.T.: 0.014 min
Response: 16441656
Conc: 0.83 ng/ml



#13 Dieldrin

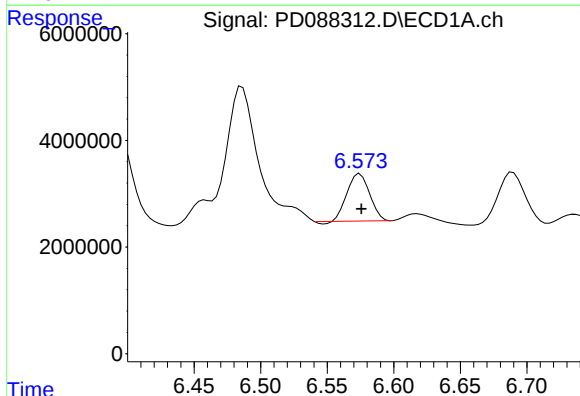
R.T.: 0.000 min
Exp R.T.: 6.349 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



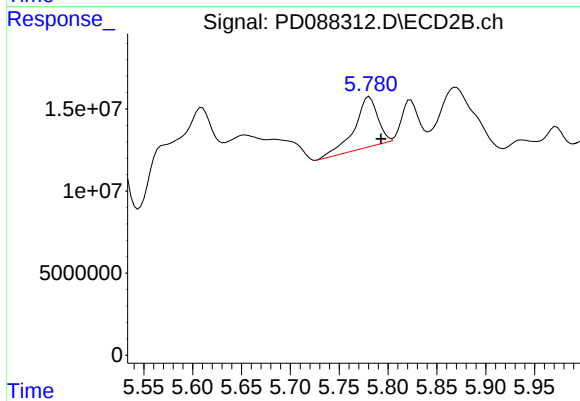
#13 Dieldrin

R.T.: 5.514 min
Delta R.T.: -0.003 min
Response: 154748401
Conc: 7.76 ng/ml



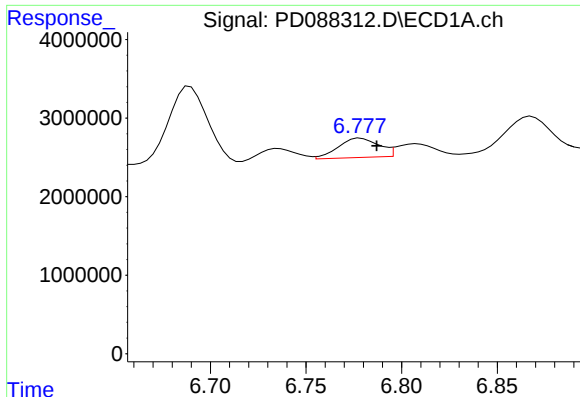
#14 Endrin

R.T.: 6.575 min
Delta R.T.: -0.001 min
Response: 10391095
Conc: 3.48 ng/ml



#14 Endrin

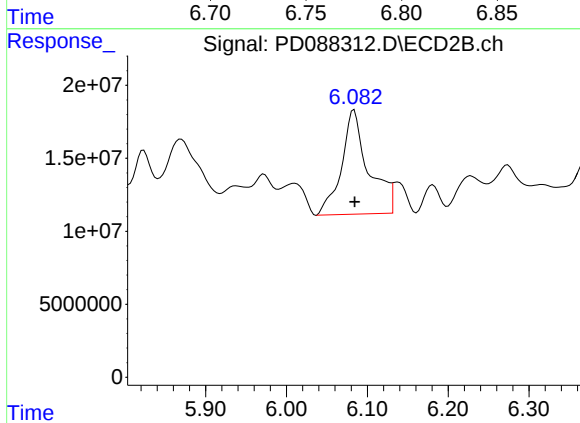
R.T.: 5.781 min
Delta R.T.: -0.012 min
Response: 50730419
Conc: 2.79 ng/ml



#15 Endosulfan II

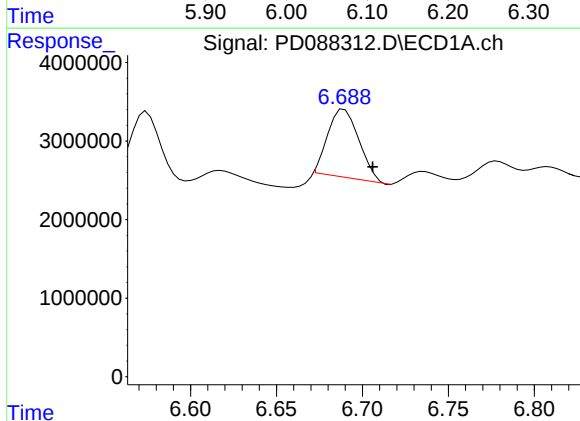
R.T.: 6.779 min
Delta R.T.: -0.008 min
Response: 3648967
Conc: 1.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



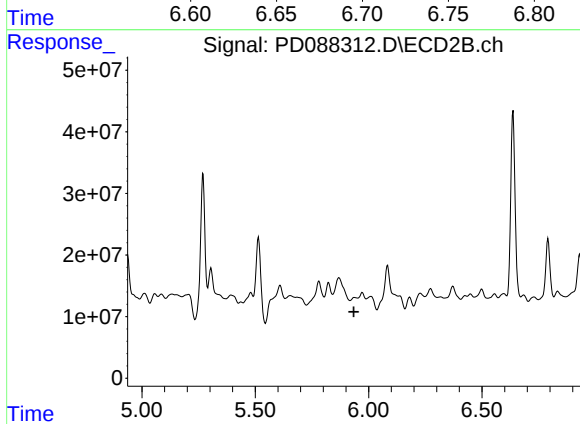
#15 Endosulfan II

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 165887594
Conc: 9.47 ng/ml



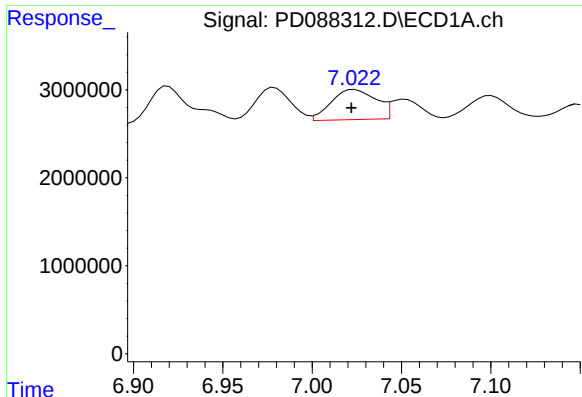
#16 4,4'-DDD

R.T.: 6.689 min
Delta R.T.: -0.016 min
Response: 10872341
Conc: 4.32 ng/ml



#16 4,4'-DDD

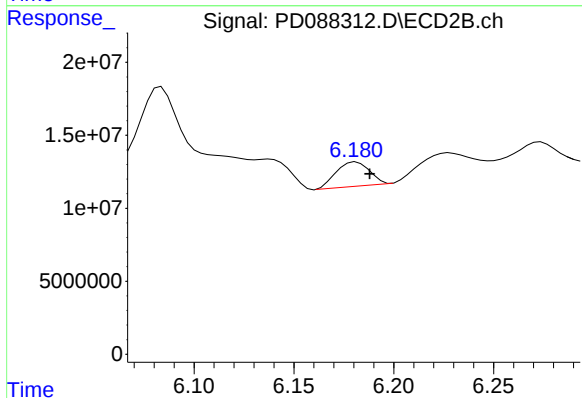
R.T.: 5.938 min
Delta R.T.: 0.004 min
Response: -24568377
Conc: N.D.



#17 4,4'-DDT

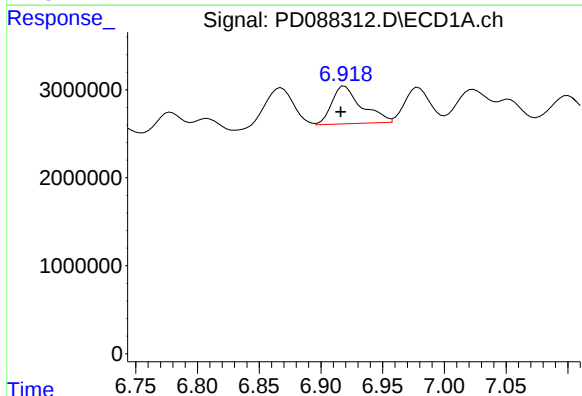
R.T.: 7.024 min
Delta R.T.: 0.002 min
Response: 5959201
Conc: 2.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



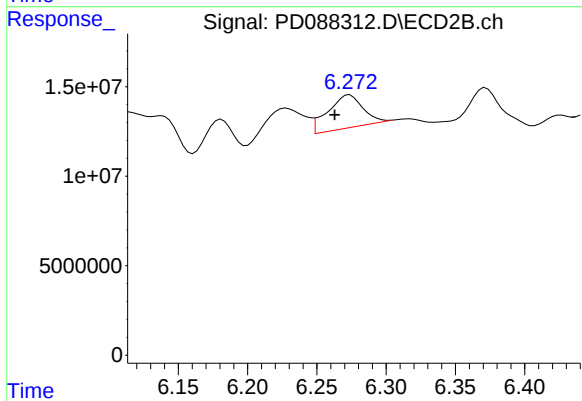
#17 4,4'-DDT

R.T.: 6.181 min
Delta R.T.: -0.007 min
Response: 19393567
Conc: 1.14 ng/ml



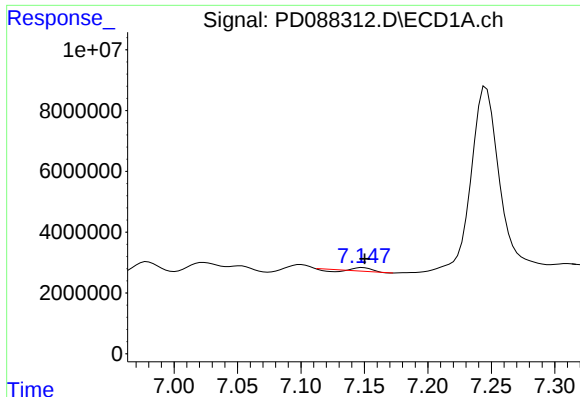
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: 0.003 min
Response: 7154657
Conc: 3.10 ng/ml



#18 Endrin aldehyde

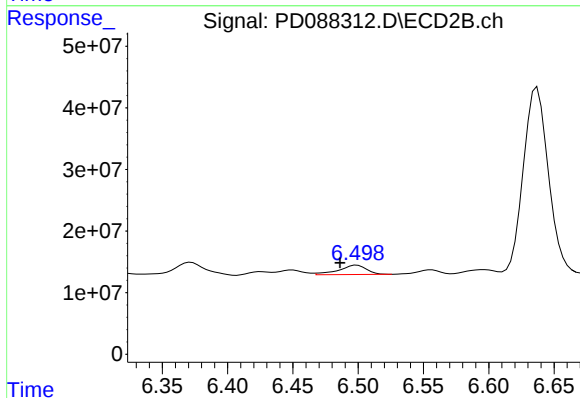
R.T.: 6.274 min
Delta R.T.: 0.011 min
Response: 32259616
Conc: 2.43 ng/ml



#19 Endosulfan Sulfate

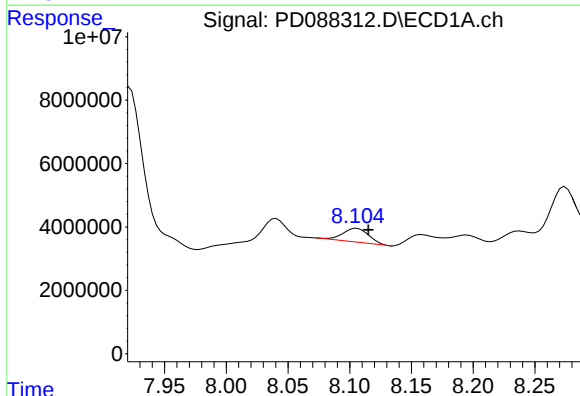
R.T.: 7.149 min
Delta R.T.: -0.001 min
Response: 488352
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



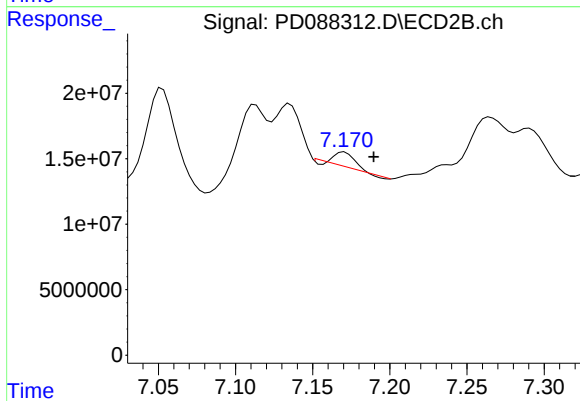
#19 Endosulfan Sulfate

R.T.: 6.499 min
Delta R.T.: 0.013 min
Response: 22223208
Conc: 1.30 ng/ml



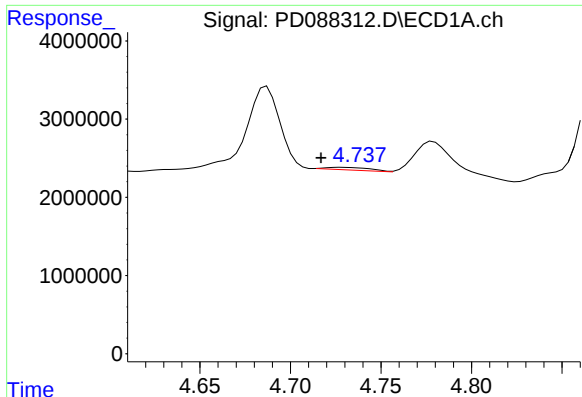
#22 Mirex

R.T.: 8.106 min
Delta R.T.: -0.010 min
Response: 6387577
Conc: 2.72 ng/ml



#22 Mirex

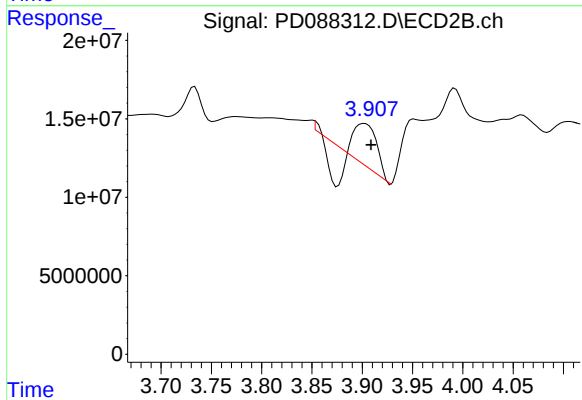
R.T.: 7.170 min
Delta R.T.: -0.019 min
Response: 8896510
Conc: 0.60 ng/ml



#23 Chlordane-1

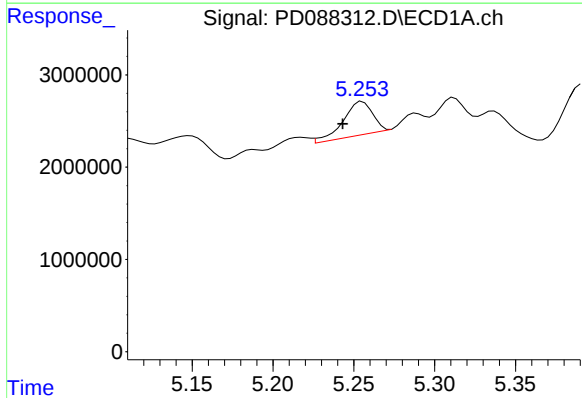
R.T.: 4.728 min
Delta R.T.: 0.011 min
Response: 579777
Conc: 3.49 ng/ml

Instrument :
ECD_D
ClientSampleId :



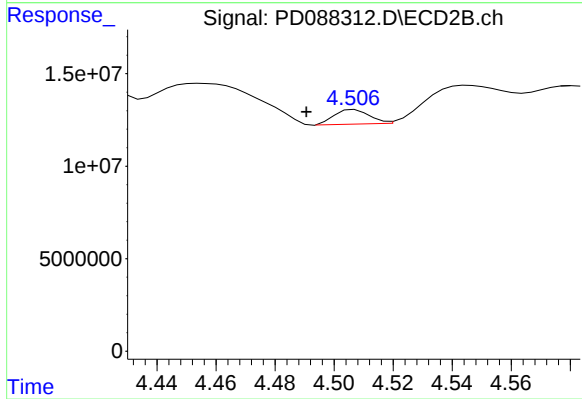
#23 Chlordane-1

R.T.: 3.902 min
Delta R.T.: -0.006 min
Response: 26227621
Conc: 32.71 ng/ml



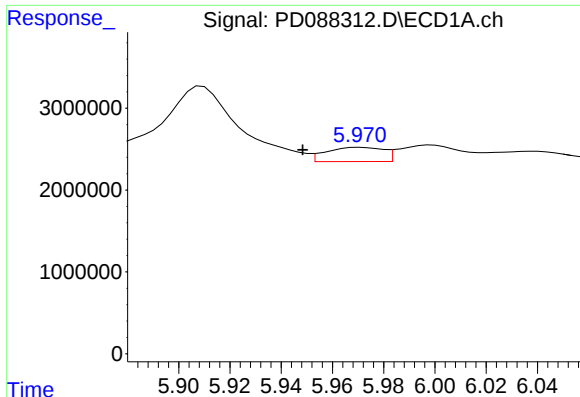
#24 Chlordane-2

R.T.: 5.255 min
Delta R.T.: 0.012 min
Response: 4561968
Conc: 27.39 ng/ml



#24 Chlordane-2

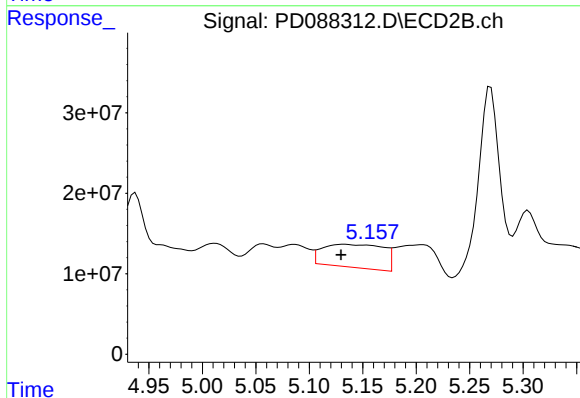
R.T.: 4.507 min
Delta R.T.: 0.016 min
Response: 6506948
Conc: 7.88 ng/ml



#25 Chlordane-3

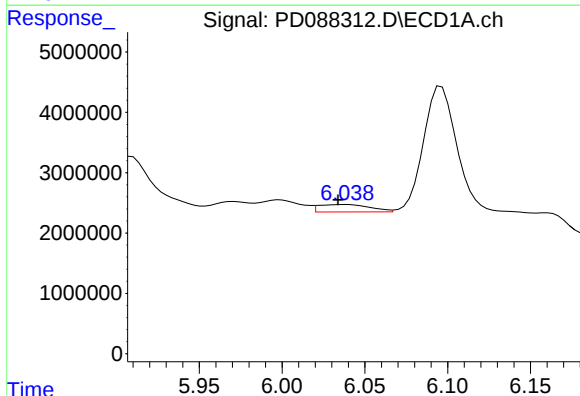
R.T.: 5.971 min
Delta R.T.: 0.023 min
Response: 2700429
Conc: 4.00 ng/ml

Instrument :
ECD_D
ClientSampleId :



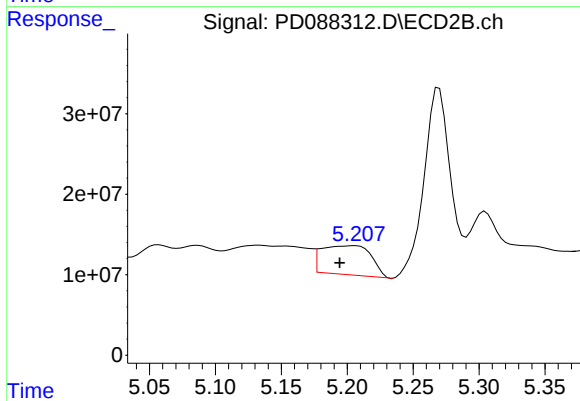
#25 Chlordane-3

R.T.: 5.133 min
Delta R.T.: 0.003 min
Response: 113187081
Conc: 44.75 ng/ml



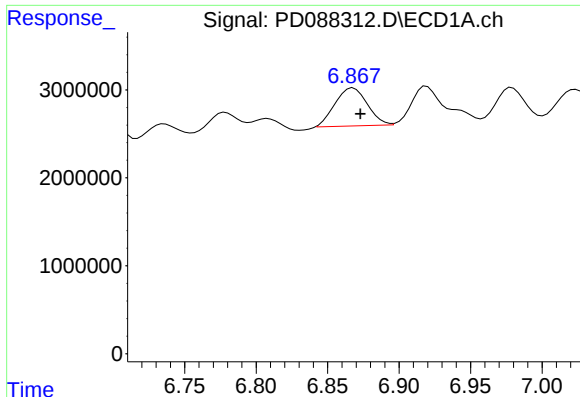
#26 Chlordane-4

R.T.: 6.039 min
Delta R.T.: 0.005 min
Response: 2628796
Conc: 3.22 ng/ml



#26 Chlordane-4

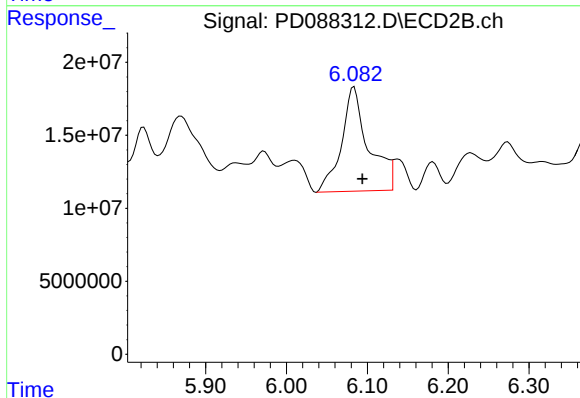
R.T.: 5.206 min
Delta R.T.: 0.011 min
Response: 94265244
Conc: 44.09 ng/ml



#27 Chlordane-5

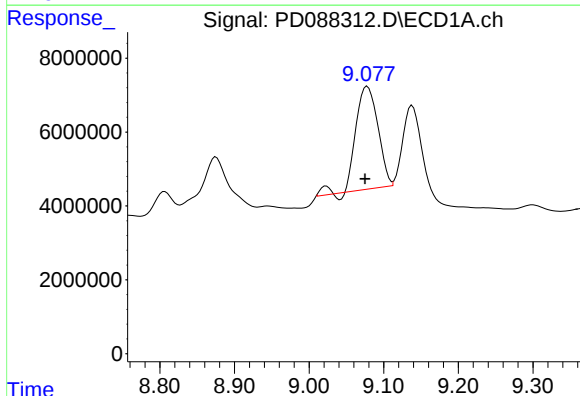
R.T.: 6.868 min
Delta R.T.: -0.005 min
Response: 6796230
Conc: 50.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



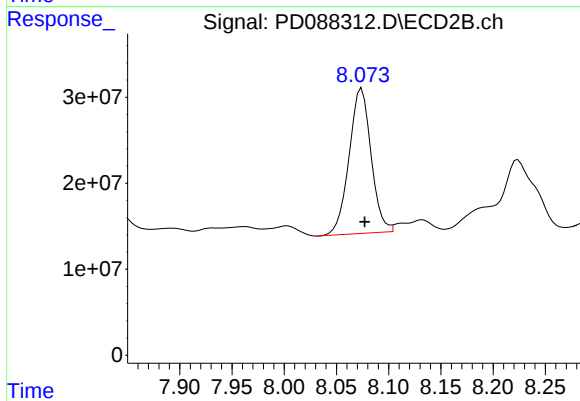
#27 Chlordane-5

R.T.: 6.084 min
Delta R.T.: -0.010 min
Response: 165887594
Conc: 171.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.078 min
Delta R.T.: 0.003 min
Response: 57931303
Conc: 17.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.003 min
Response: 246659951
Conc: 13.35 ng/ml