

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070725\
 Data File : PD089348.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 13:28
 Operator : AR\AJ
 Sample : Q2487-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 G1(0-6)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 02:24:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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

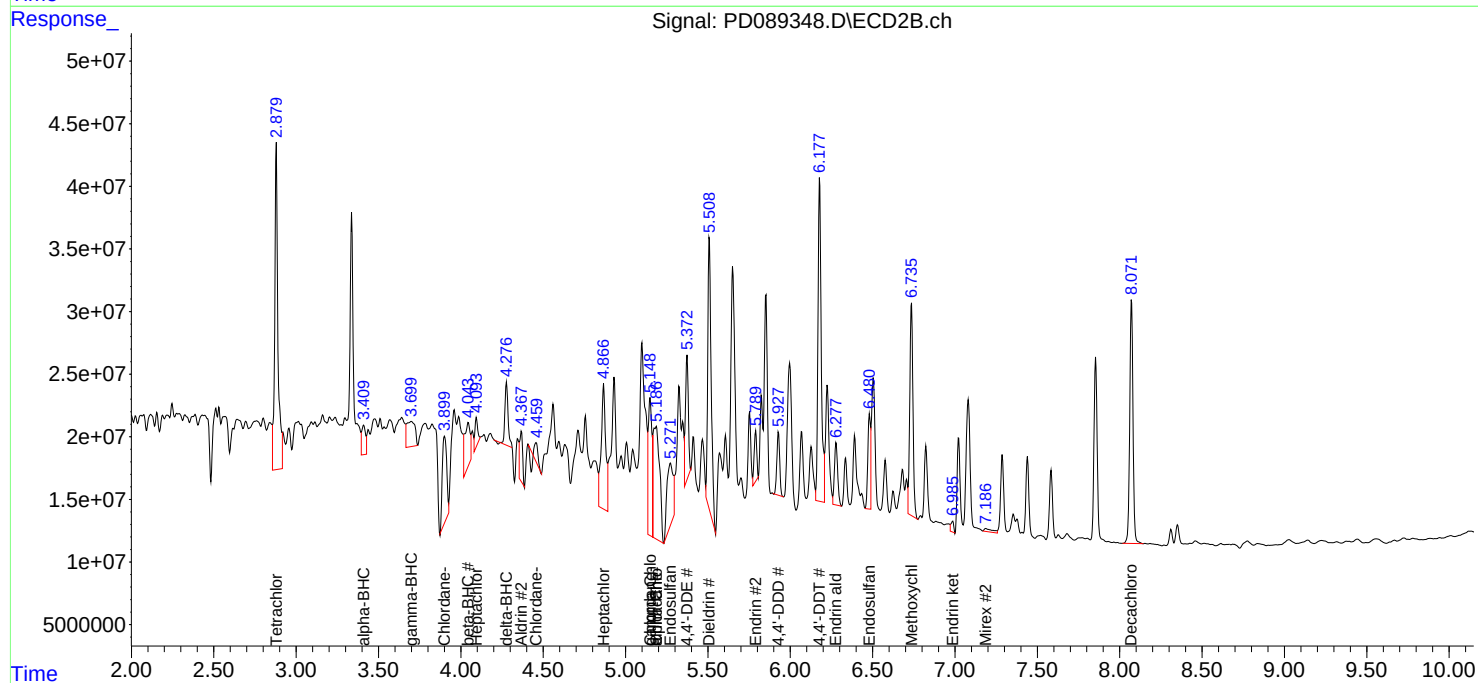
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

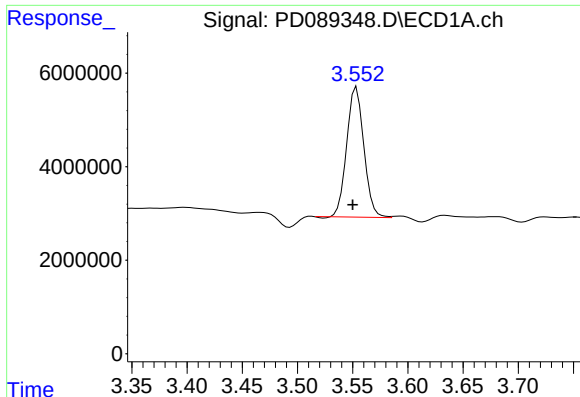
System Monitoring Compounds							
1)	SA Tetrachlo...	3.554	2.880	30015426	353.7E6	10.520	20.864 #
28)	SA Decachlor...	9.077	8.072	98262472	270.8E6	25.018	13.699 #
Target Compounds							
2)	A alpha-BHC	0.000	3.411f	0	37798156	N.D.	1.411 #
3)	MA gamma-BHC...	4.347f	3.700f	7530908	71075777	1.349	2.871 #
4)	MA Heptachlor	4.957f	4.095	2279132	27449663	0.418	1.096 #
5)	MB Aldrin	5.259	4.368	14535466	50670126	2.736	2.092
6)	B beta-BHC	0.000	4.045f	0	83888665	N.D.	7.806 #
7)	B delta-BHC	4.785f	4.277f	608497	64732960	0.119	2.602 #
8)	B Heptachlo...	5.687	4.867	9266902	191.3E6	1.921	8.735 #
9)	A Endosulfan I	6.062	5.273f	8959485	128.1E6	1.988	6.145 #
10)	B gamma-Chl...	5.949	5.149f	6172611	168.9E6	1.289	7.061 #
11)	B alpha-Chl...	6.031	5.186	10364278	250.0E6	2.142	10.917 #
12)	B 4,4'-DDE	6.199	5.374	19877595	122.7E6	4.558	5.355
13)	MA Dieldrin	6.324f	5.509	2357070	314.0E6	0.491	13.528 #
14)	MA Endrin	6.576	5.790	7620809	44826020	1.847	2.064
16)	A 4,4'-DDD	6.725f	5.928	47413756	61557907	13.815	3.218 #
17)	MA 4,4'-DDT	7.000f	6.179	55569642	358.7E6	14.669	17.687
18)	B Endrin al...	6.904	6.279f	1788255	69112267	0.584	4.514 #
19)	B Endosulfa...	7.150	6.482	12657930	83197507	3.299	4.240 #
20)	A Methoxychlor	7.510f	6.736f	6620085	226.6E6	3.276	21.044 #
21)	B Endrin ke...	7.619	6.986	30946031	10746275	7.598	0.497 #
22)	Mirex	0.000	7.187	0	8816975	N.D.	0.529 #
23)	Chlordane-1	4.720	3.901	37013	126.8E6	0.173	135.985 #
24)	Chlordane-2	5.259	4.457f	14535466	8175058	66.581	8.591 #
25)	Chlordane-3	5.949	5.149f	6172611	168.9E6	7.157	56.873 #
26)	Chlordane-4	6.031	5.186	10364278	250.0E6	9.864	99.718 #

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

Instrument :
ECD_D
ClientSampleId :
G1(0-6)

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

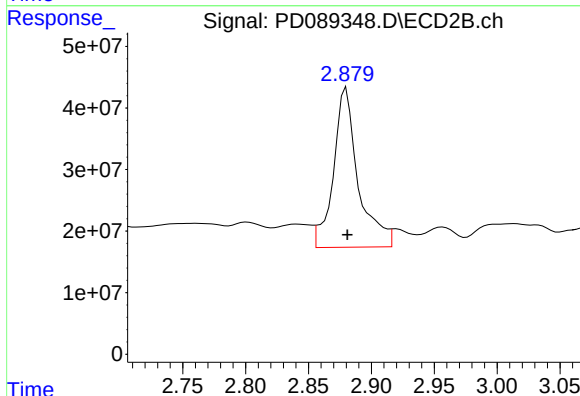




#1 Tetrachloro-m-xylene

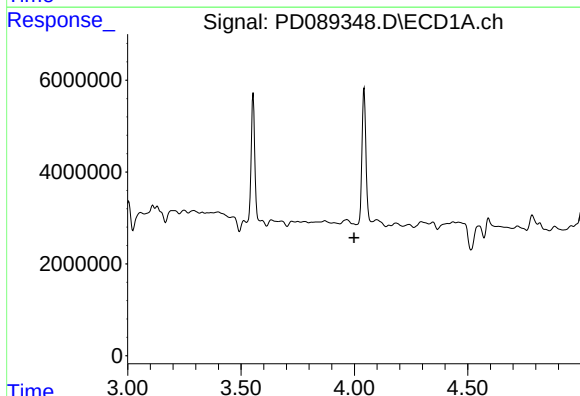
R.T.: 3.554 min
Delta R.T.: 0.004 min
Response: 30015426
Conc: 10.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
G1(0-6)



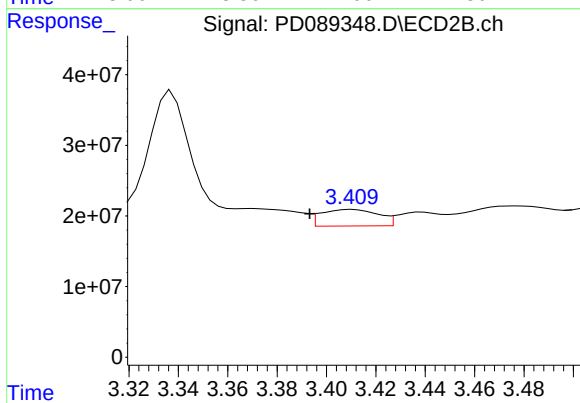
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 353706933
Conc: 20.86 ng/ml



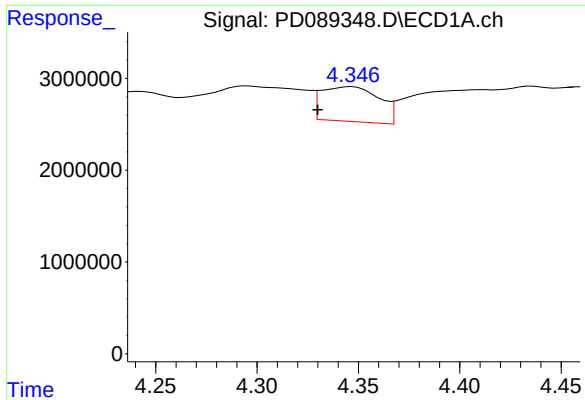
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.999 min
Response: 0
Conc: N.D.



#2 alpha-BHC

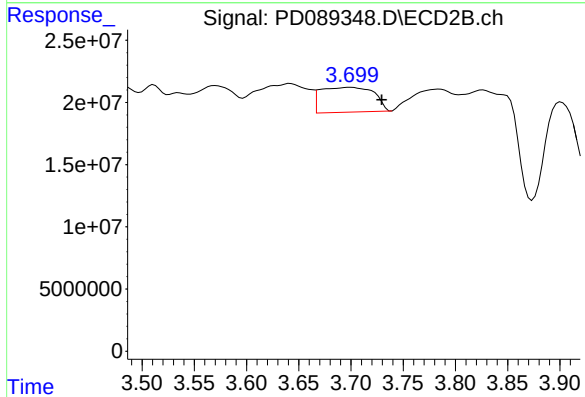
R.T.: 3.411 min
Delta R.T.: 0.017 min
Response: 37798156
Conc: 1.41 ng/ml



#3 gamma-BHC (Lindane)

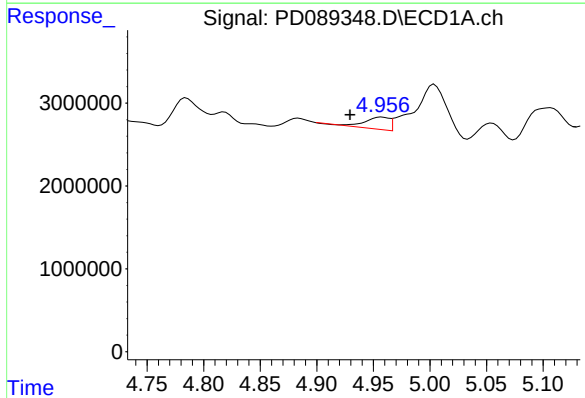
R.T.: 4.347 min
Delta R.T.: 0.017 min
Response: 7530908
Conc: 1.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
G1(0-6)



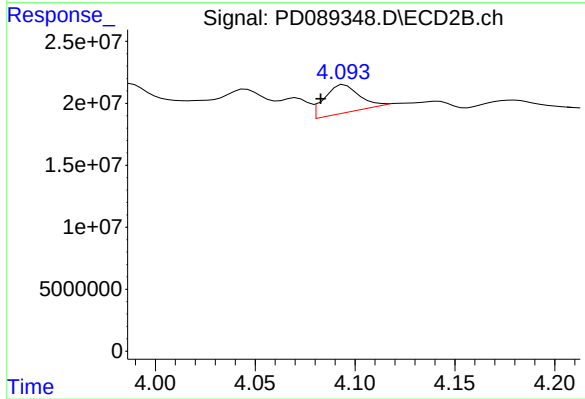
#3 gamma-BHC (Lindane)

R.T.: 3.700 min
Delta R.T.: -0.029 min
Response: 71075777
Conc: 2.87 ng/ml



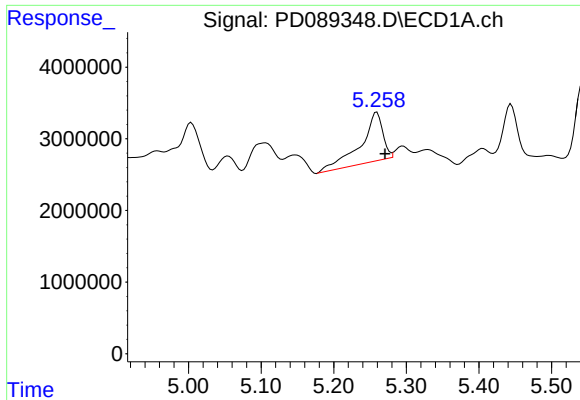
#4 Heptachlor

R.T.: 4.957 min
Delta R.T.: 0.028 min
Response: 2279132
Conc: 0.42 ng/ml



#4 Heptachlor

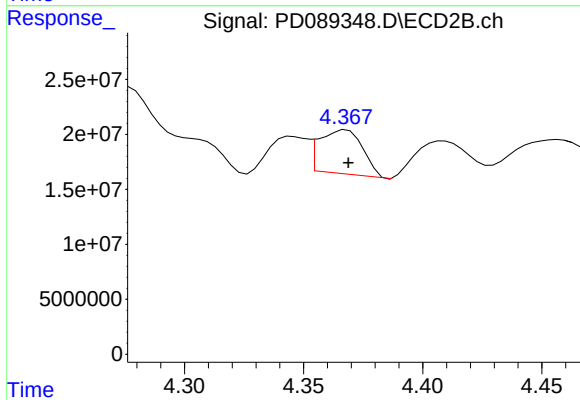
R.T.: 4.095 min
Delta R.T.: 0.012 min
Response: 27449663
Conc: 1.10 ng/ml



#5 Aldrin

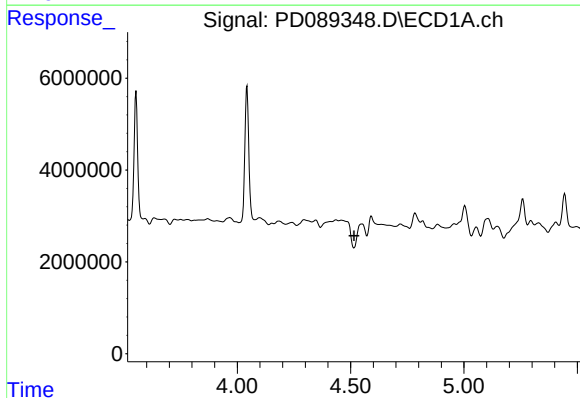
R.T.: 5.259 min
Delta R.T.: -0.012 min
Response: 14535466
Conc: 2.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
G1(0-6)



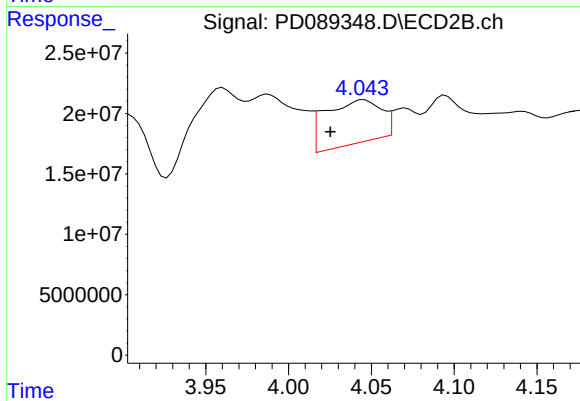
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: -0.001 min
Response: 50670126
Conc: 2.09 ng/ml



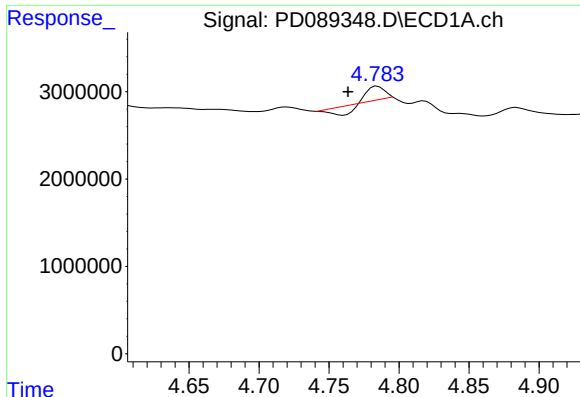
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.515 min
Response: 0
Conc: N.D.



#6 beta-BHC

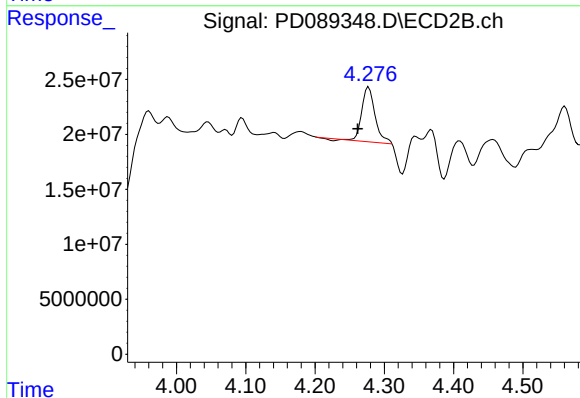
R.T.: 4.045 min
Delta R.T.: 0.020 min
Response: 83888665
Conc: 7.81 ng/ml



#7 delta-BHC

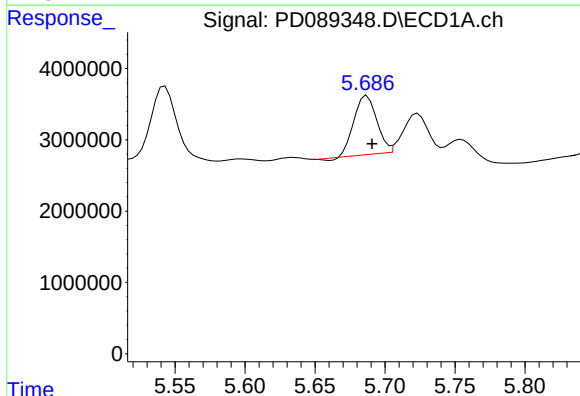
R.T.: 4.785 min
Delta R.T.: 0.021 min
Response: 608497
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
G1(0-6)



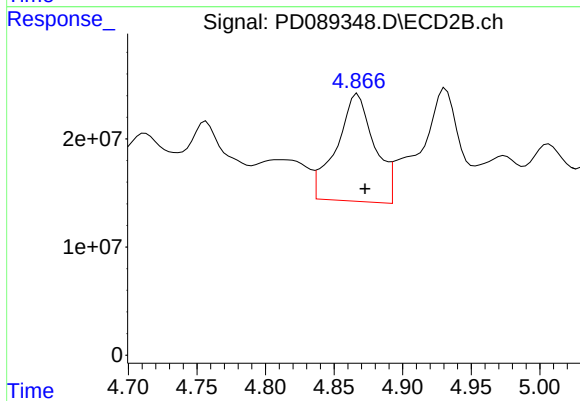
#7 delta-BHC

R.T.: 4.277 min
Delta R.T.: 0.016 min
Response: 64732960
Conc: 2.60 ng/ml



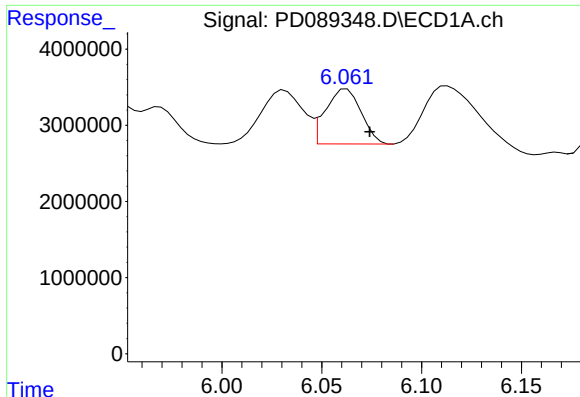
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.004 min
Response: 9266902
Conc: 1.92 ng/ml



#8 Heptachlor epoxide

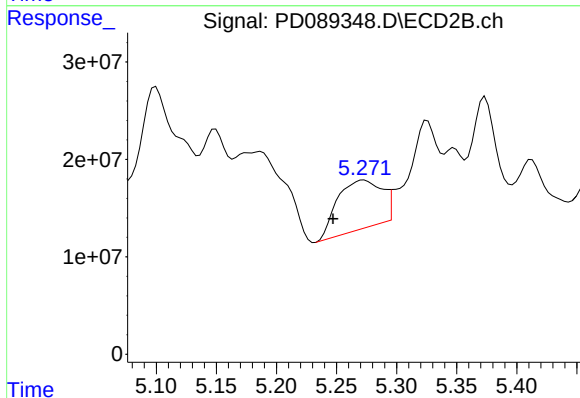
R.T.: 4.867 min
Delta R.T.: -0.005 min
Response: 191288793
Conc: 8.74 ng/ml



#9 Endosulfan I

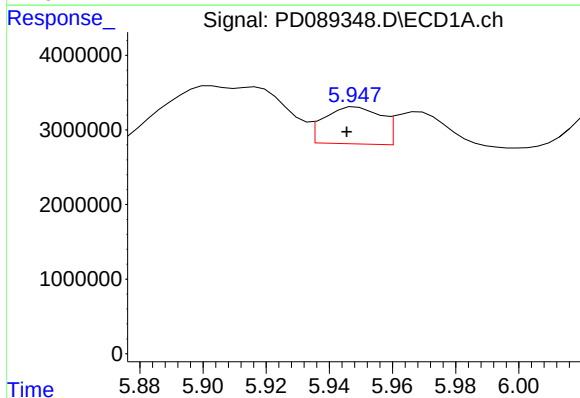
R.T.: 6.062 min
Delta R.T.: -0.012 min
Response: 8959485
Conc: 1.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
G1(0-6)



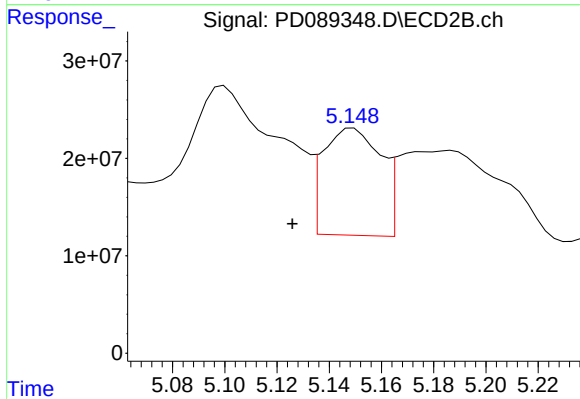
#9 Endosulfan I

R.T.: 5.273 min
Delta R.T.: 0.026 min
Response: 128073103
Conc: 6.14 ng/ml



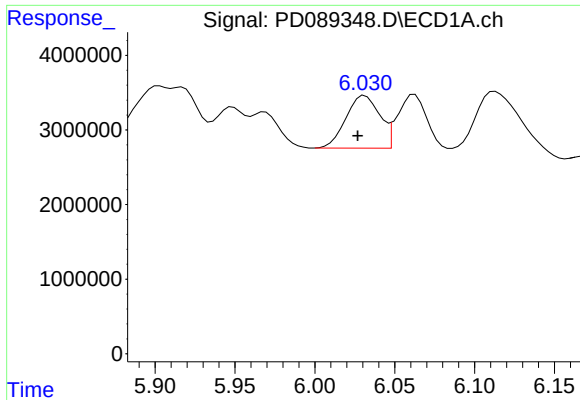
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: 0.003 min
Response: 6172611
Conc: 1.29 ng/ml



#10 gamma-Chlordane

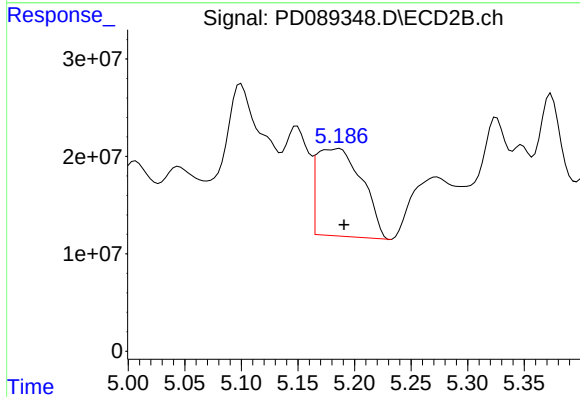
R.T.: 5.149 min
Delta R.T.: 0.023 min
Response: 168924521
Conc: 7.06 ng/ml



#11 alpha-Chlordane

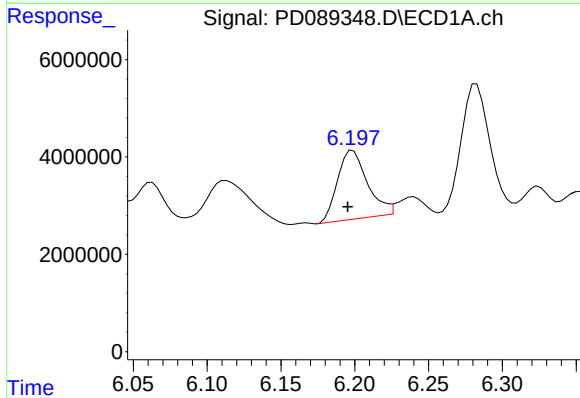
R.T.: 6.031 min
Delta R.T.: 0.005 min
Response: 10364278
Conc: 2.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
G1(0-6)



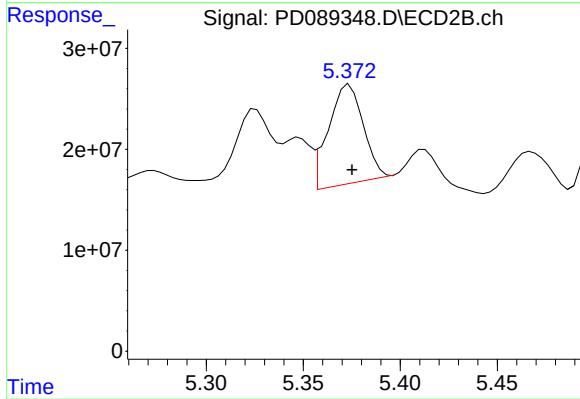
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: -0.005 min
Response: 249965963
Conc: 10.92 ng/ml



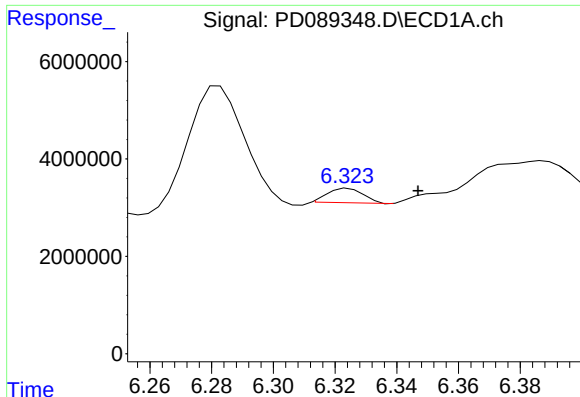
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.003 min
Response: 19877595
Conc: 4.56 ng/ml



#12 4,4'-DDE

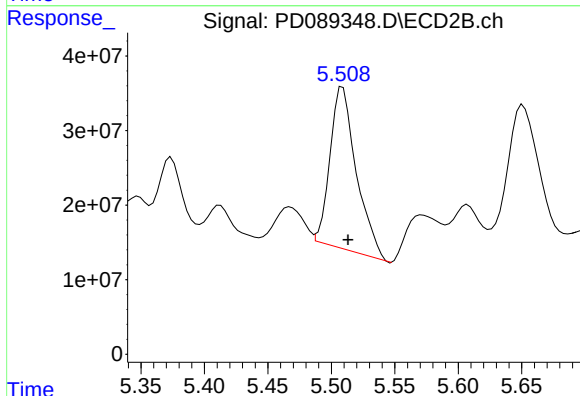
R.T.: 5.374 min
Delta R.T.: -0.001 min
Response: 122714820
Conc: 5.35 ng/ml



#13 Dieldrin

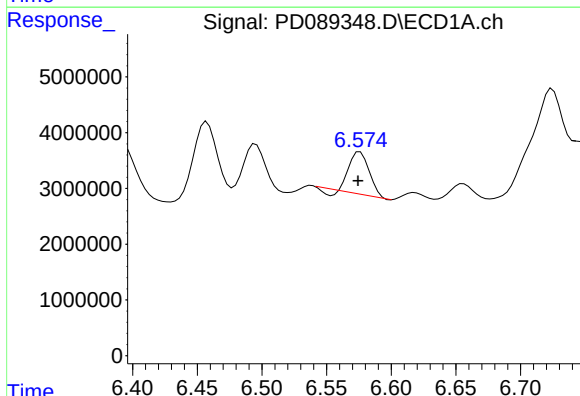
R.T.: 6.324 min
Delta R.T.: -0.022 min
Response: 2357070
Conc: 0.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
G1(0-6)



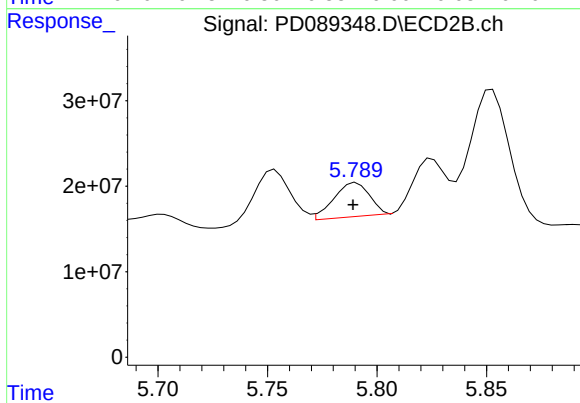
#13 Dieldrin

R.T.: 5.509 min
Delta R.T.: -0.004 min
Response: 313967933
Conc: 13.53 ng/ml



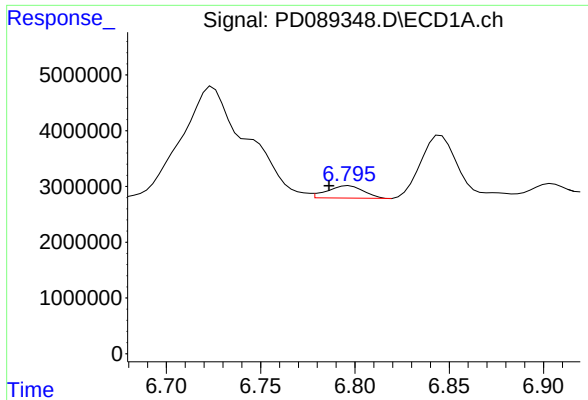
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.001 min
Response: 7620809
Conc: 1.85 ng/ml



#14 Endrin

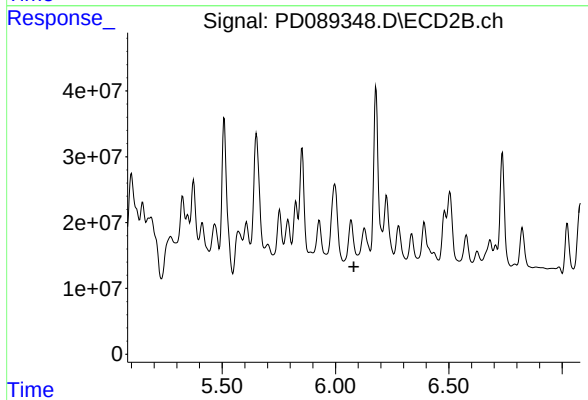
R.T.: 5.790 min
Delta R.T.: 0.001 min
Response: 44826020
Conc: 2.06 ng/ml



#15 Endosulfan II

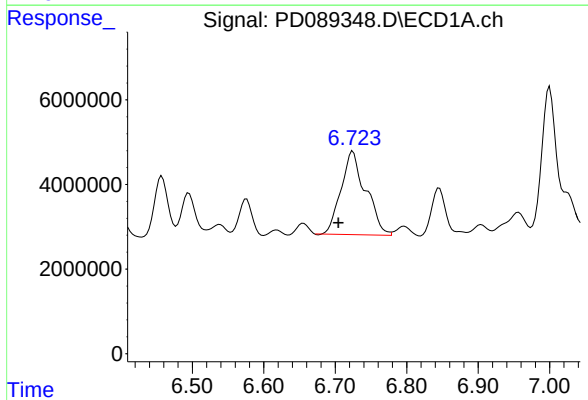
R.T.: 6.797 min
Delta R.T.: 0.011 min
Response: 2978969
Conc: 0.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
G1(0-6)



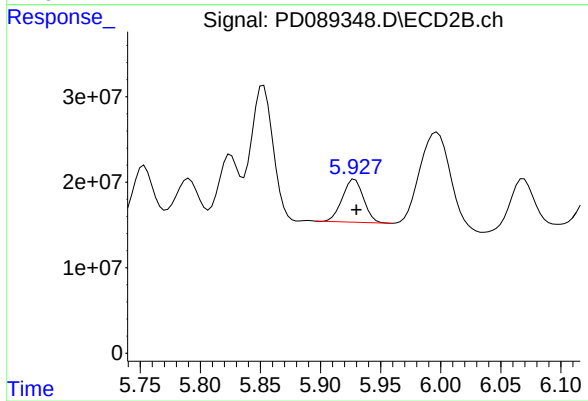
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: -0.012 min
Response: -20266584
Conc: N.D.



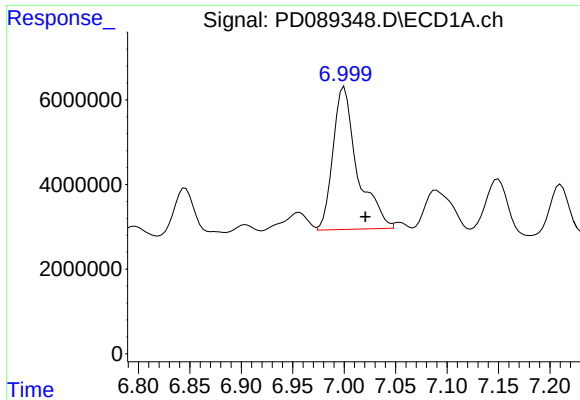
#16 4,4'-DDD

R.T.: 6.725 min
Delta R.T.: 0.020 min
Response: 47413756
Conc: 13.81 ng/ml



#16 4,4'-DDD

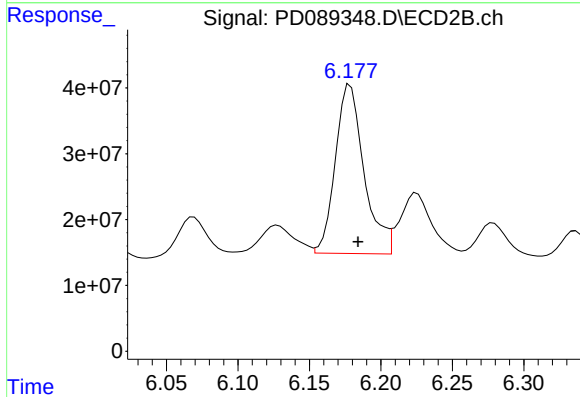
R.T.: 5.928 min
Delta R.T.: -0.001 min
Response: 61557907
Conc: 3.22 ng/ml



#17 4,4'-DDT

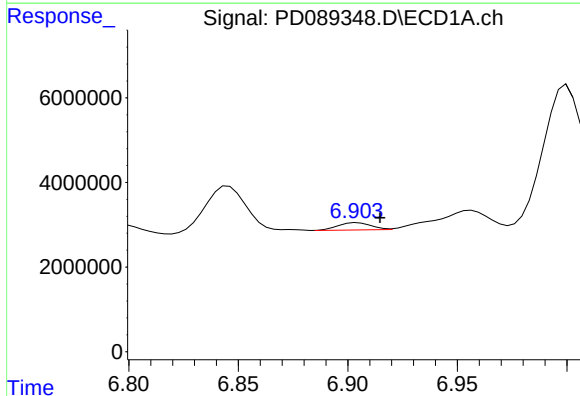
R.T.: 7.000 min
Delta R.T.: -0.020 min
Response: 55569642
Conc: 14.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
G1(0-6)



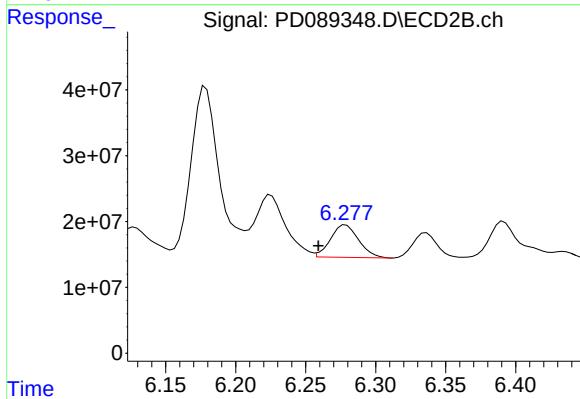
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: -0.006 min
Response: 358670713
Conc: 17.69 ng/ml



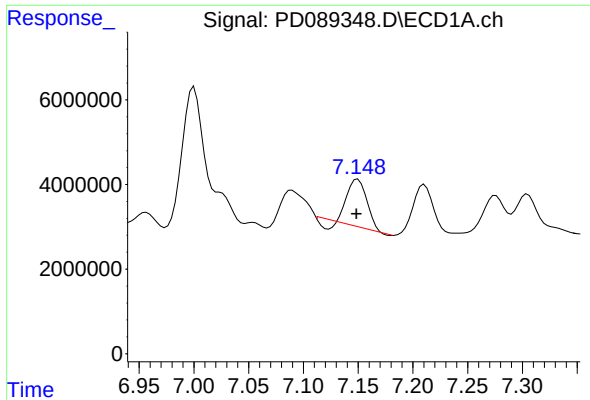
#18 Endrin aldehyde

R.T.: 6.904 min
Delta R.T.: -0.010 min
Response: 1788255
Conc: 0.58 ng/ml



#18 Endrin aldehyde

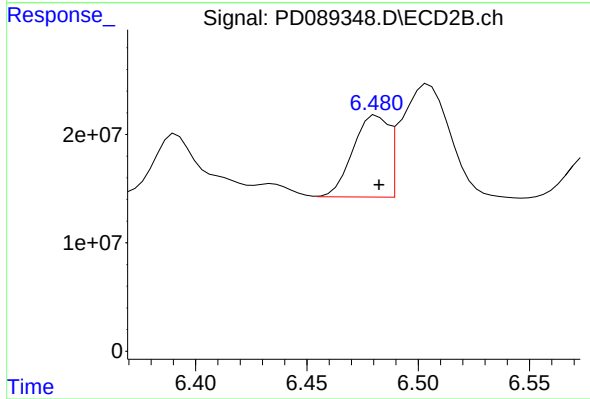
R.T.: 6.279 min
Delta R.T.: 0.019 min
Response: 69112267
Conc: 4.51 ng/ml



#19 Endosulfan Sulfate

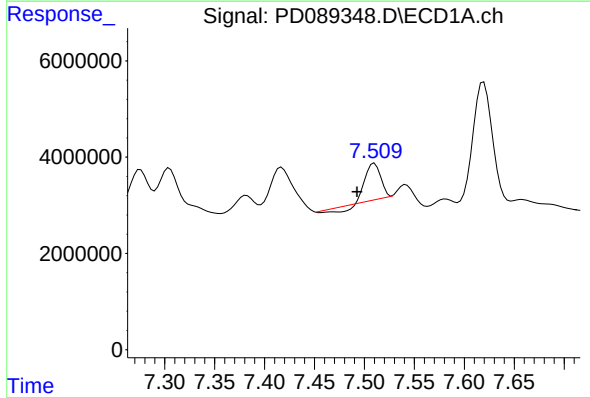
R.T.: 7.150 min
Delta R.T.: 0.001 min
Response: 12657930
Conc: 3.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
G1(0-6)



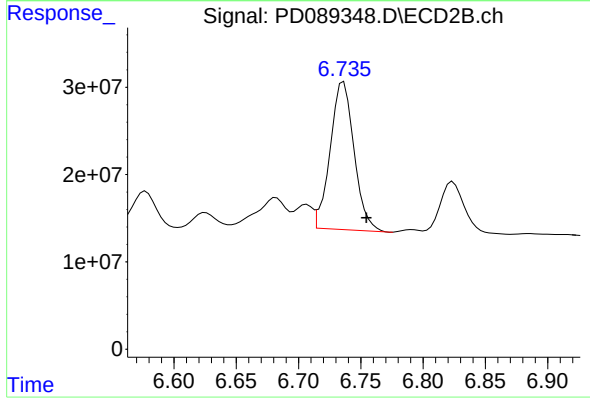
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 83197507
Conc: 4.24 ng/ml



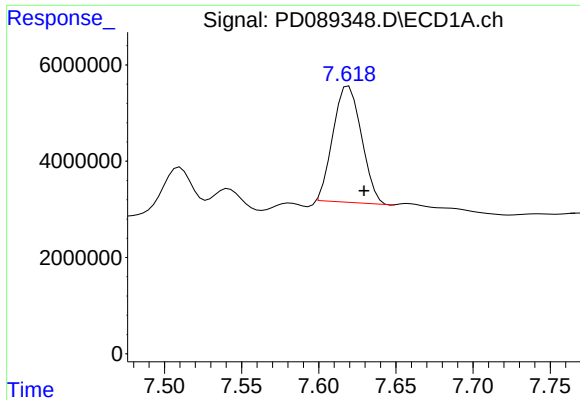
#20 Methoxychlor

R.T.: 7.510 min
Delta R.T.: 0.017 min
Response: 6620085
Conc: 3.28 ng/ml



#20 Methoxychlor

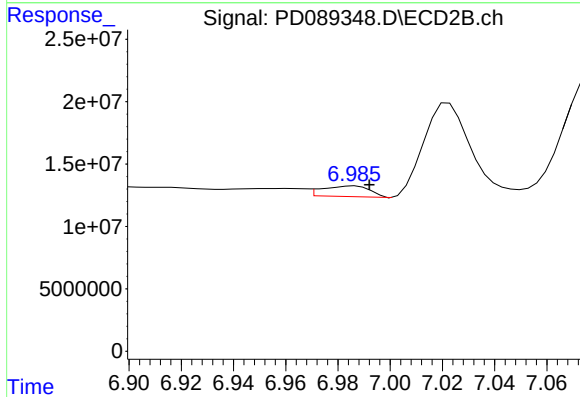
R.T.: 6.736 min
Delta R.T.: -0.018 min
Response: 226608039
Conc: 21.04 ng/ml



#21 Endrin ketone

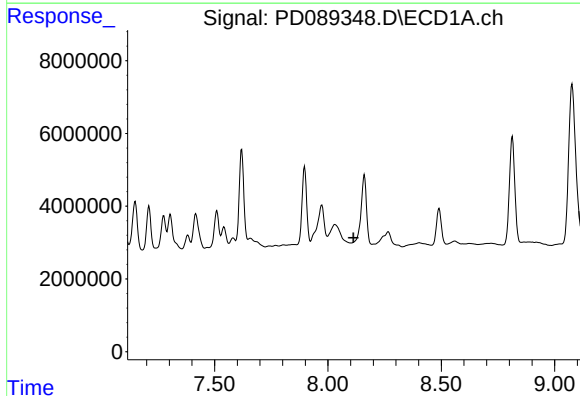
R.T.: 7.619 min
Delta R.T.: -0.010 min
Response: 30946031
Conc: 7.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
G1(0-6)



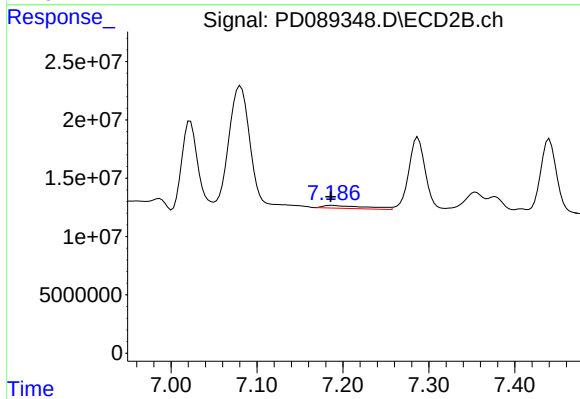
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: -0.006 min
Response: 10746275
Conc: 0.50 ng/ml



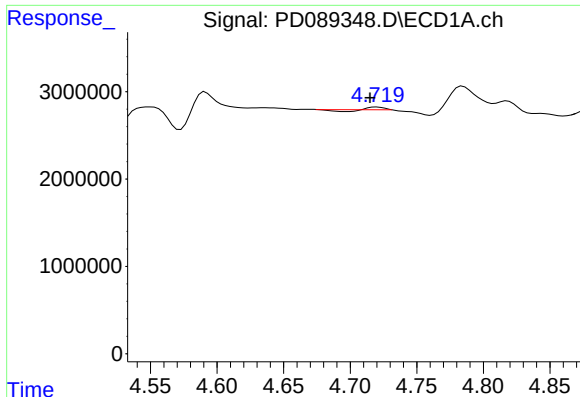
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.113 min
Response: 0
Conc: N.D.



#22 Mirex

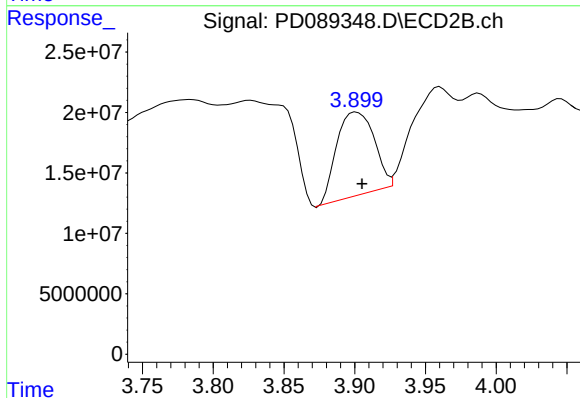
R.T.: 7.187 min
Delta R.T.: 0.001 min
Response: 8816975
Conc: 0.53 ng/ml



#23 Chlordane-1

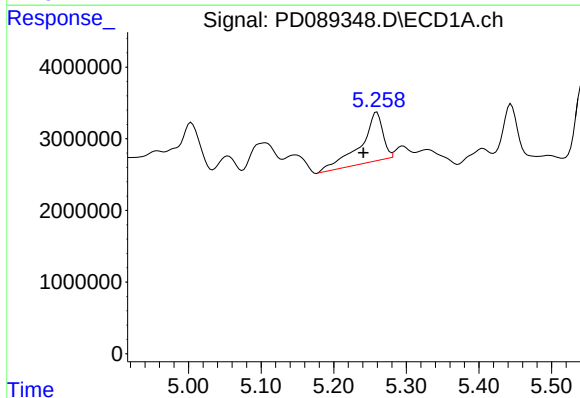
R.T.: 4.720 min
Delta R.T.: 0.005 min
Response: 37013
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
G1(0-6)



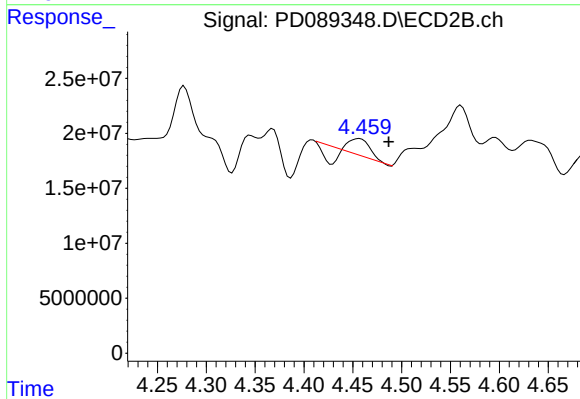
#23 Chlordane-1

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 126771836
Conc: 135.98 ng/ml



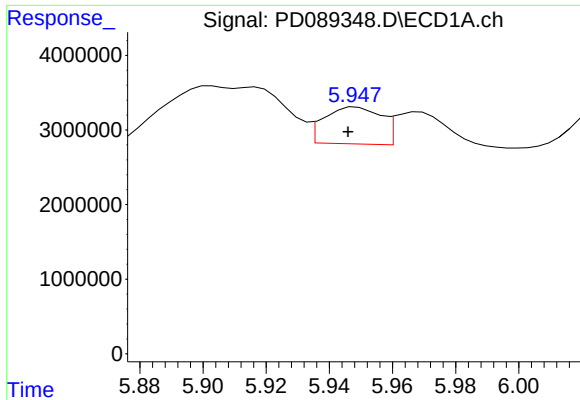
#24 Chlordane-2

R.T.: 5.259 min
Delta R.T.: 0.019 min
Response: 14535466
Conc: 66.58 ng/ml



#24 Chlordane-2

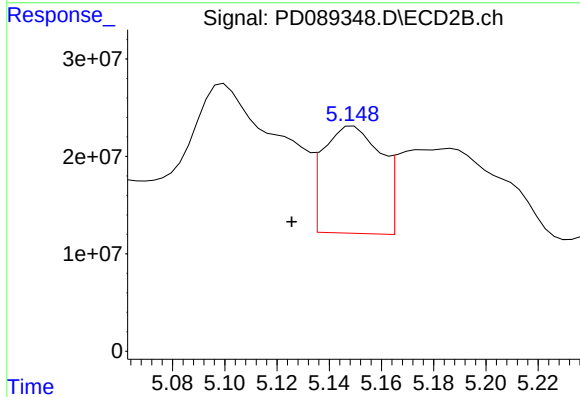
R.T.: 4.457 min
Delta R.T.: -0.030 min
Response: 8175058
Conc: 8.59 ng/ml



#25 Chlordane-3

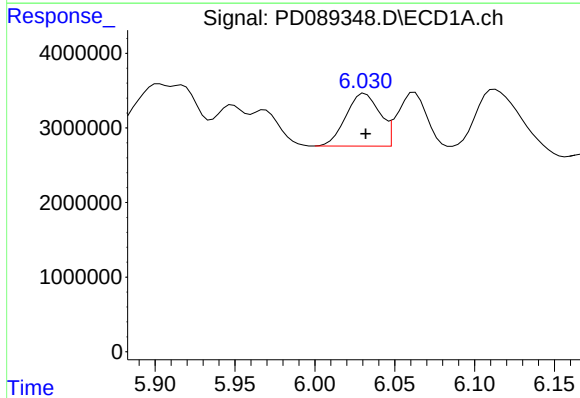
R.T.: 5.949 min
Delta R.T.: 0.003 min
Response: 6172611
Conc: 7.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
G1(0-6)



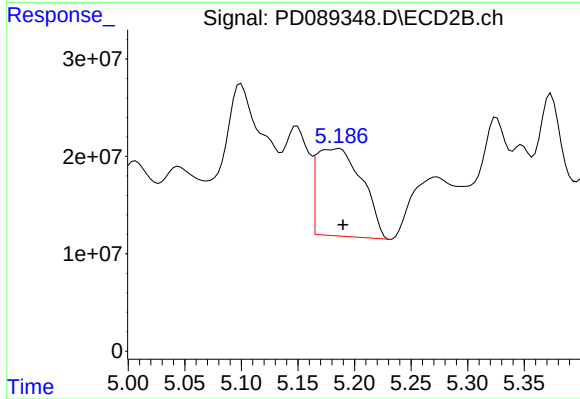
#25 Chlordane-3

R.T.: 5.149 min
Delta R.T.: 0.024 min
Response: 168924521
Conc: 56.87 ng/ml



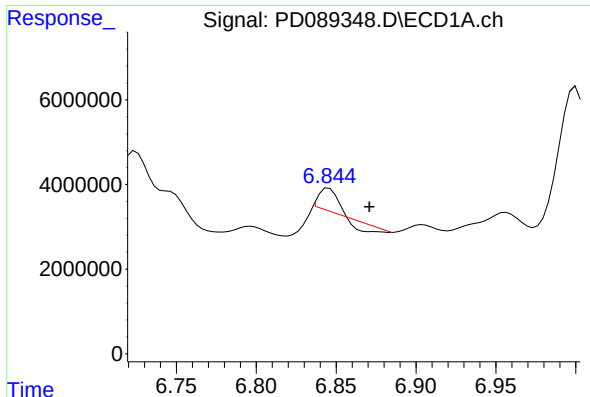
#26 Chlordane-4

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 10364278
Conc: 9.86 ng/ml



#26 Chlordane-4

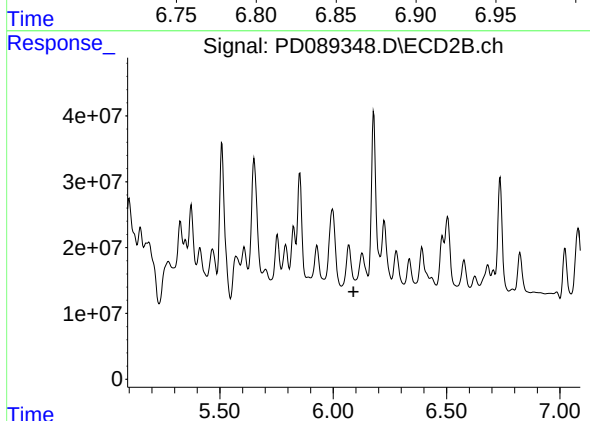
R.T.: 5.186 min
Delta R.T.: -0.004 min
Response: 249965963
Conc: 99.72 ng/ml



#27 Chlordane-5

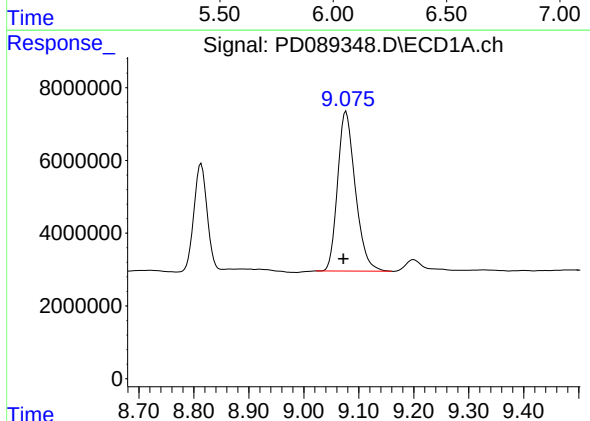
R.T.: 6.846 min
Delta R.T.: -0.025 min
Response: 2458495
Conc: 13.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
G1(0-6)



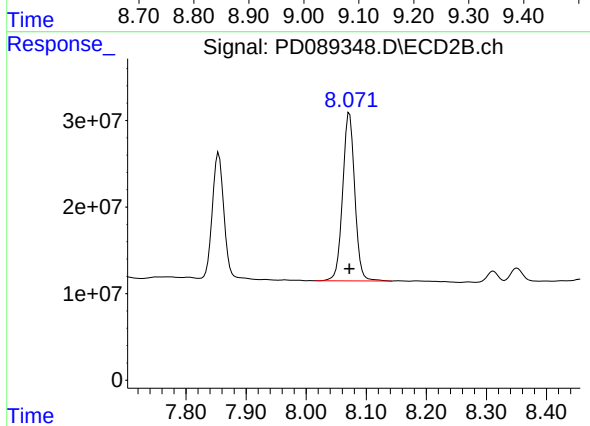
#27 Chlordane-5

R.T.: 6.069 min
Delta R.T.: -0.020 min
Response: -20266584
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.005 min
Response: 98262472
Conc: 25.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 270829987
Conc: 13.70 ng/ml