

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070325\
 Data File : PD089316.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2025 20:03
 Operator : AR\AJ
 Sample : Q2473-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PIT#4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 01:43:37 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...	3.550	2.881	37047822	271.7E6	12.985	16.025
28)	SA Decachlor...	9.074	8.072	47622326	185.1E6	12.125	9.364
Target Compounds							
2)	A alpha-BHC	0.000	3.403	0	15379653	N.D.	0.574 #
3)	MA gamma-BHC...	4.346f	3.720	3603551	4411164	0.646	0.178 #
4)	MA Heptachlor	4.929	4.083	7686041	65081291	1.410	2.599 #
5)	MB Aldrin	5.270	4.369	17887495	102.1E6	3.367	4.216 #
6)	B beta-BHC	4.543f	4.036	3320009	28511630	1.504	2.653 #
7)	B delta-BHC	4.777	4.264	1557637	4941553	0.303	0.199 #
8)	B Heptachlo...	5.672f	4.874	3160427	32872567	0.655	1.501 #
9)	A Endosulfan I	0.000	5.259	0	33302553	N.D.	1.598 #
10)	B gamma-Chl...	5.947	5.125	29611852	151.0E6	6.184	6.311
11)	B alpha-Chl...	6.030	5.190	48880576	205.3E6	10.102	8.966
12)	B 4,4'-DDE	6.196	5.375	9475606	82826460	2.173	3.614 #
13)	MA Dieldrin	6.345	5.509	-5515	43287235	N.D.	1.865
14)	MA Endrin	6.573	5.794	-3514	33556524	N.D.	1.545
15)	B Endosulfa...	6.799	6.089	387655	46826565	0.096	2.319 #
16)	A 4,4'-DDD	6.703	5.929	4909037	20849523	1.430	1.090
17)	MA 4,4'-DDT	7.021	6.183	16556861	95866289	4.371	4.727
18)	B Endrin al...	6.929	6.282f	216332	9323533	0.071	0.609 #
19)	B Endosulfa...	7.167f	6.480	717021	5205709	0.187	0.265 #
20)	A Methoxychlor	7.496	6.736f	54197	9126414	0.027	0.848 #
21)	B Endrin ke...	7.619	0.000	554973	0	0.136	N.D. #
22)	Mirex	0.000	7.189	0	1158724	N.D.	0.069 #
23)	Chlordane-1	4.714	3.905	10466672	142.7E6	48.904	153.093 #
24)	Chlordane-2	5.241	4.488	16059769	86953692	73.563	91.375
25)	Chlordane-3	5.947	5.125	29611852	151.0E6	34.333	50.827 #
26)	Chlordane-4	6.030	5.190	48880576	205.3E6	46.522	81.898 #
27)	Chlordane-5	6.872	6.089	8691246	46826565	47.556	41.379

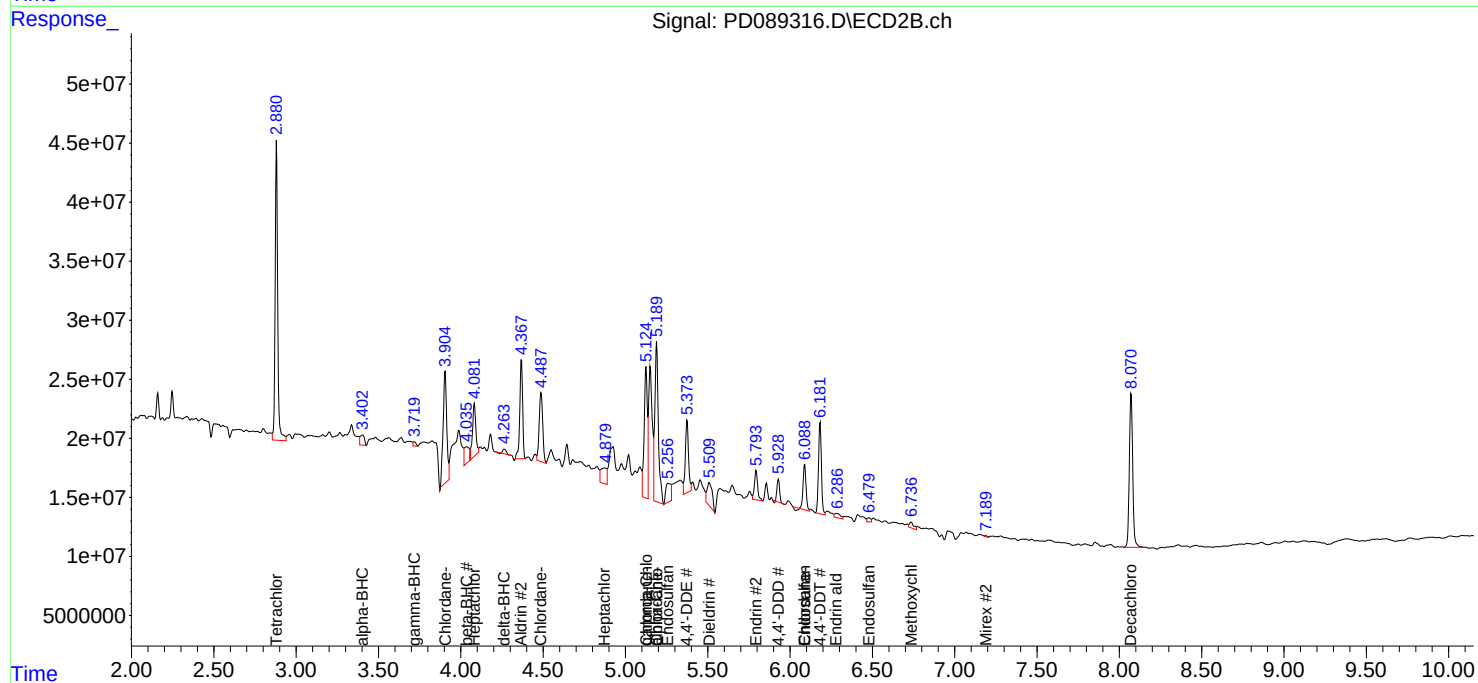
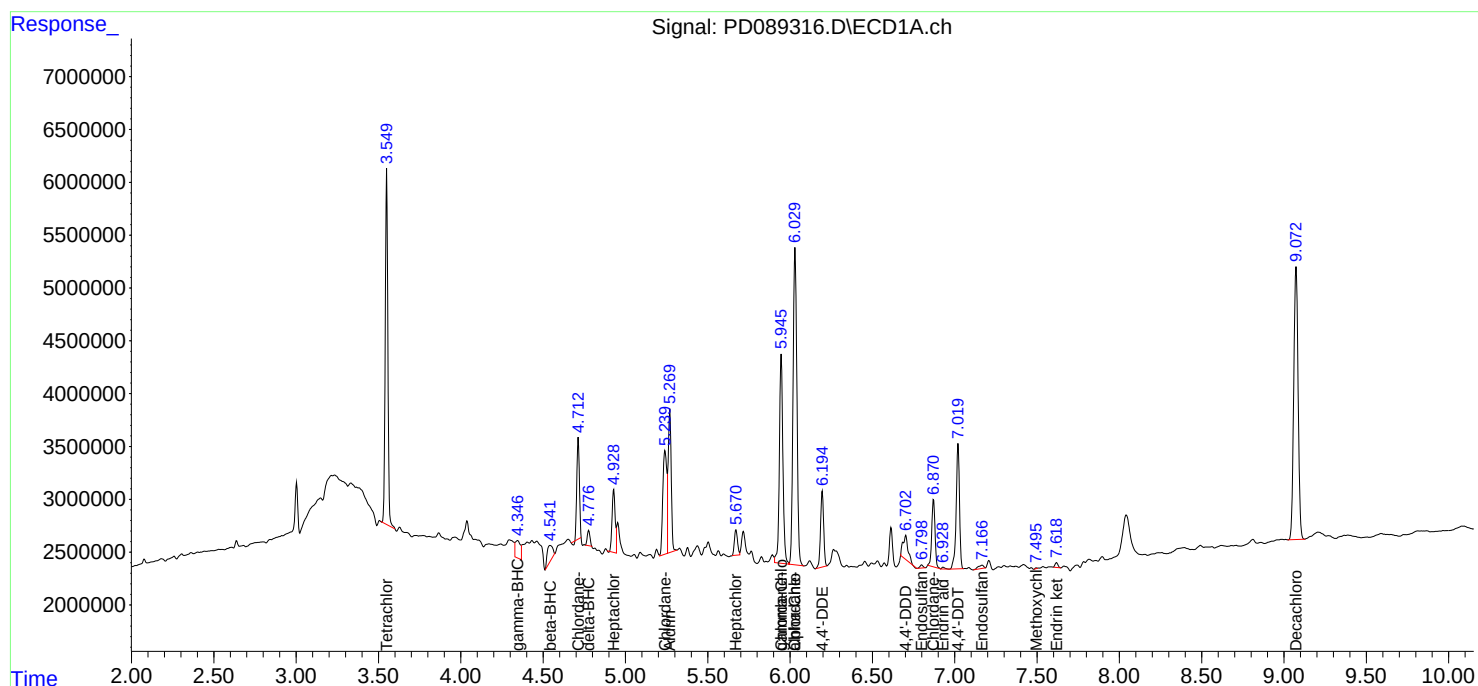
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

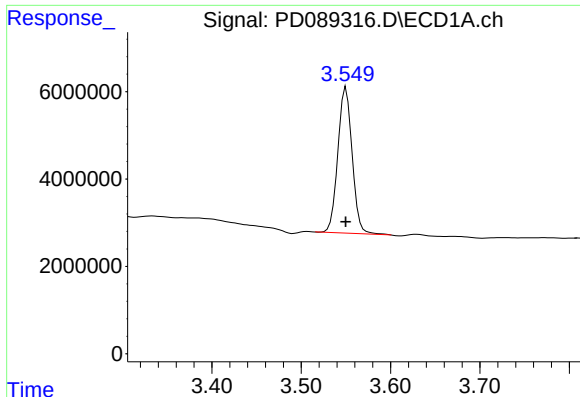
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070325\
Data File : PD089316.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 20:03
Operator : AR\AJ
Sample : Q2473-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PIT#4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 01:43:37 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

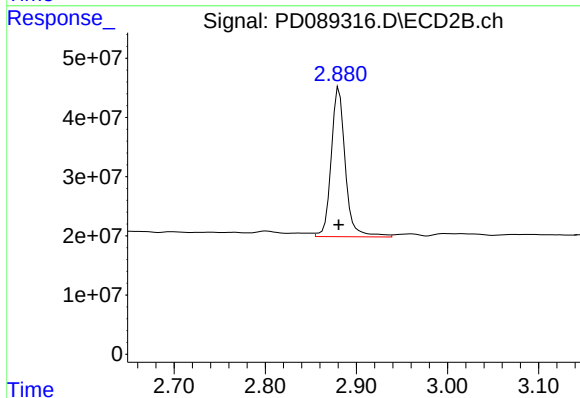




#1 Tetrachloro-m-xylene

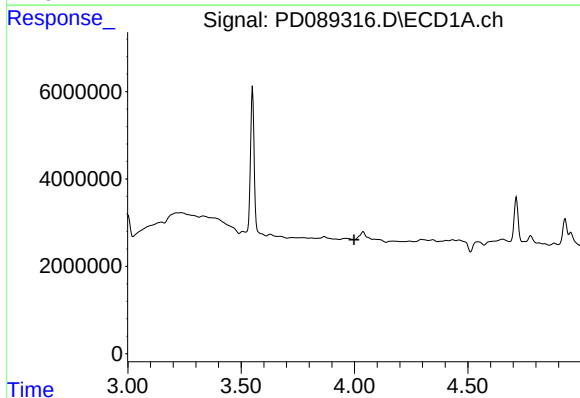
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 37047822
Conc: 12.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#4



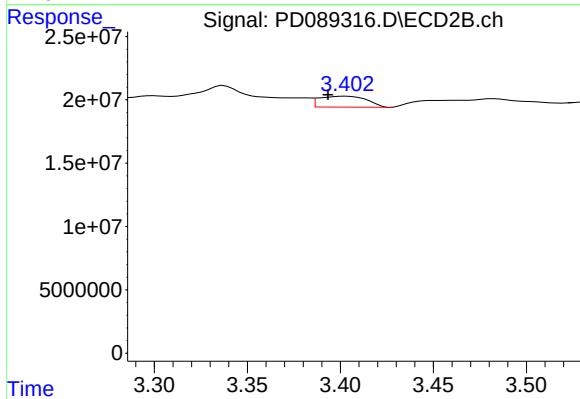
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 271682370
Conc: 16.03 ng/ml



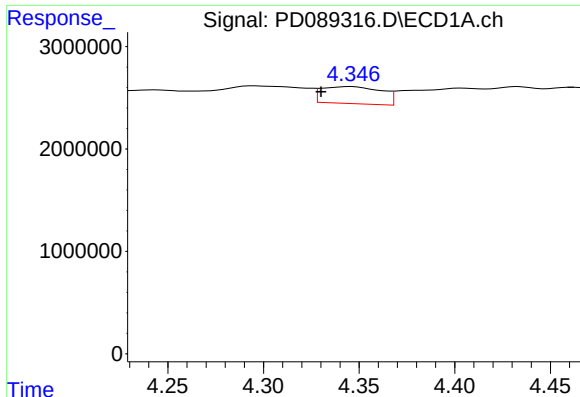
#2 alpha-BHC

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



#2 alpha-BHC

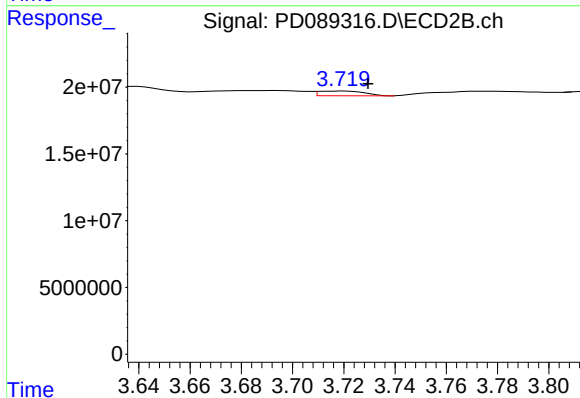
R.T.: 3.403 min
Delta R.T.: 0.010 min
Response: 15379653
Conc: 0.57 ng/ml



#3 gamma-BHC (Lindane)

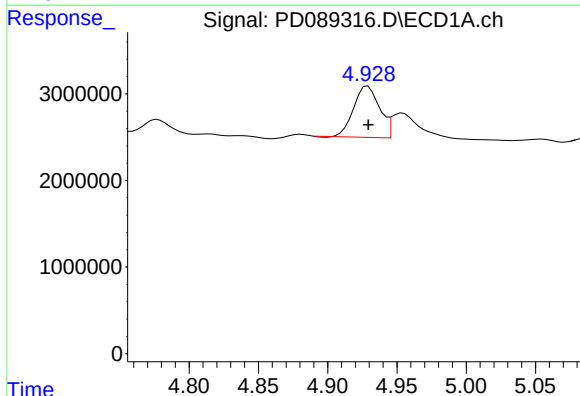
R.T.: 4.346 min
Delta R.T.: 0.016 min
Response: 3603551
Conc: 0.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#4



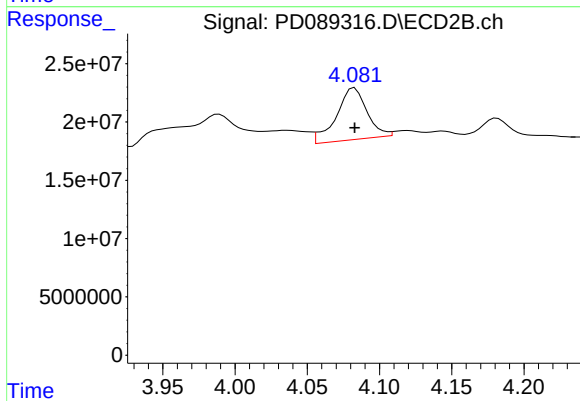
#3 gamma-BHC (Lindane)

R.T.: 3.720 min
Delta R.T.: -0.010 min
Response: 4411164
Conc: 0.18 ng/ml



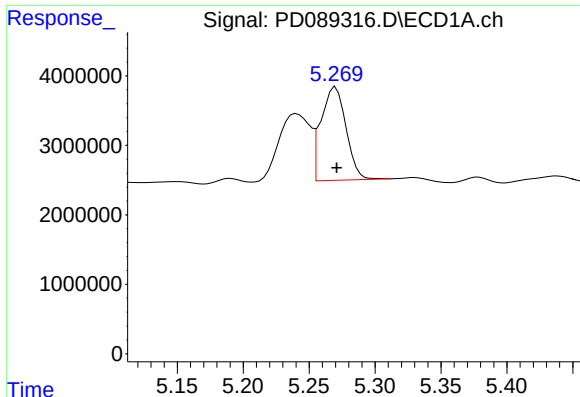
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 7686041
Conc: 1.41 ng/ml



#4 Heptachlor

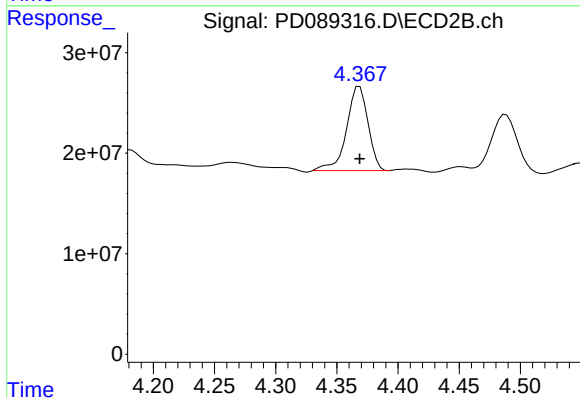
R.T.: 4.083 min
Delta R.T.: 0.000 min
Response: 65081291
Conc: 2.60 ng/ml



#5 Aldrin

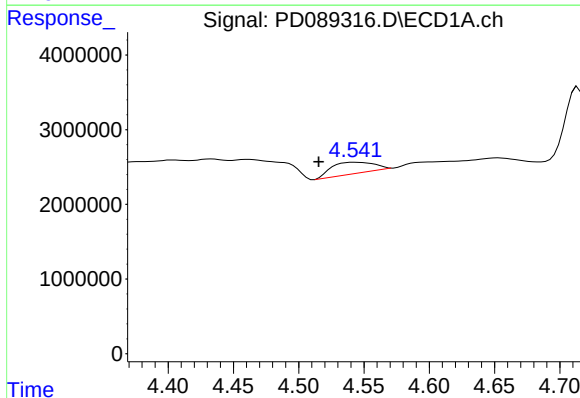
R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 17887495
Conc: 3.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#4



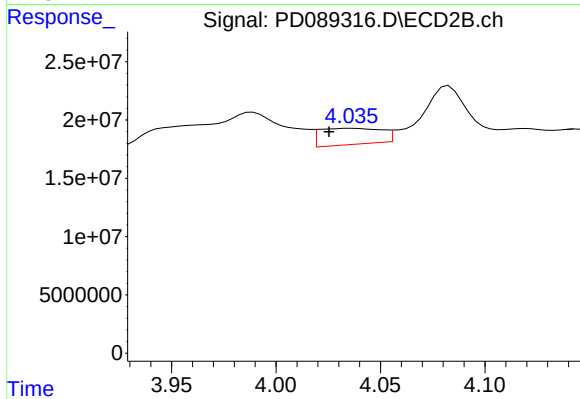
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 102089090
Conc: 4.22 ng/ml



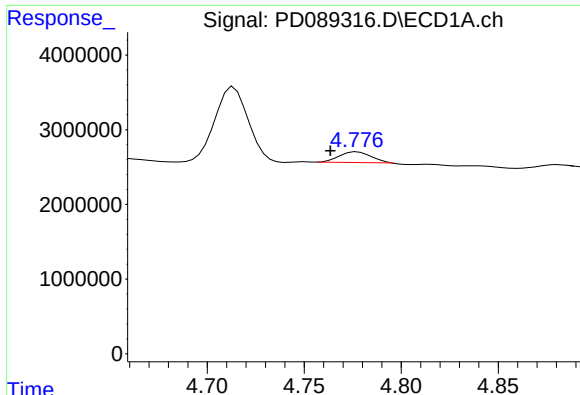
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: 0.028 min
Response: 3320009
Conc: 1.50 ng/ml



#6 beta-BHC

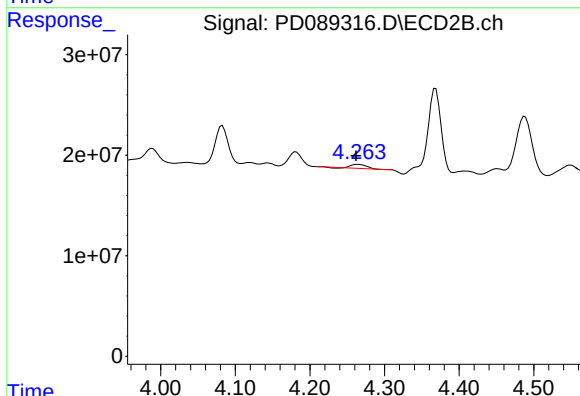
R.T.: 4.036 min
Delta R.T.: 0.011 min
Response: 28511630
Conc: 2.65 ng/ml



#7 delta-BHC

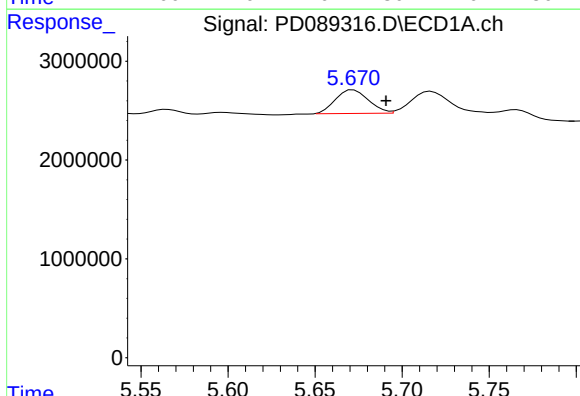
R.T.: 4.777 min
Delta R.T.: 0.014 min
Response: 1557637
Conc: 0.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#4



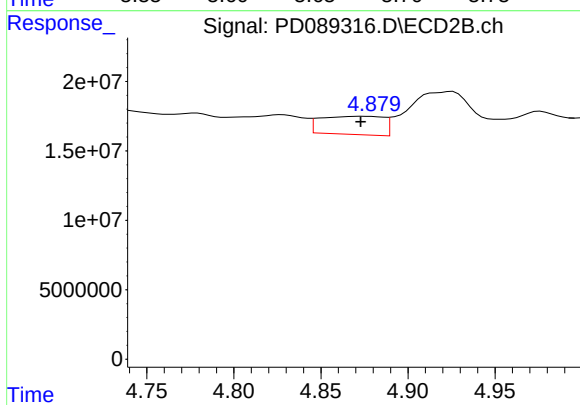
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: 0.002 min
Response: 4941553
Conc: 0.20 ng/ml



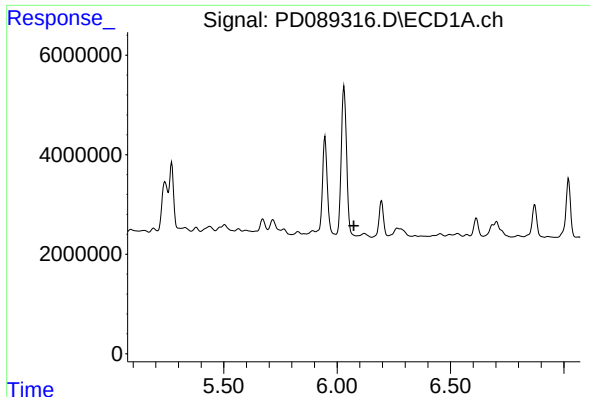
#8 Heptachlor epoxide

R.T.: 5.672 min
Delta R.T.: -0.019 min
Response: 3160427
Conc: 0.66 ng/ml



#8 Heptachlor epoxide

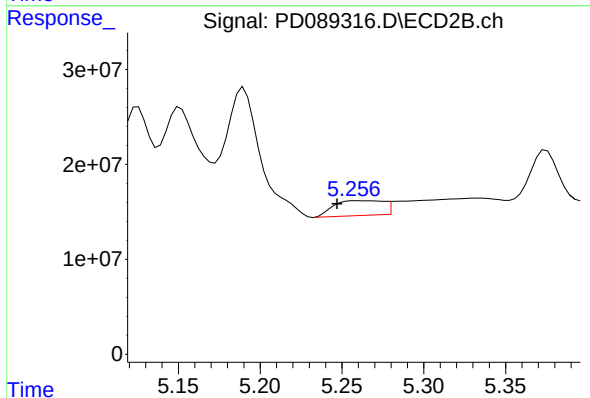
R.T.: 4.874 min
Delta R.T.: 0.002 min
Response: 32872567
Conc: 1.50 ng/ml



#9 Endosulfan I

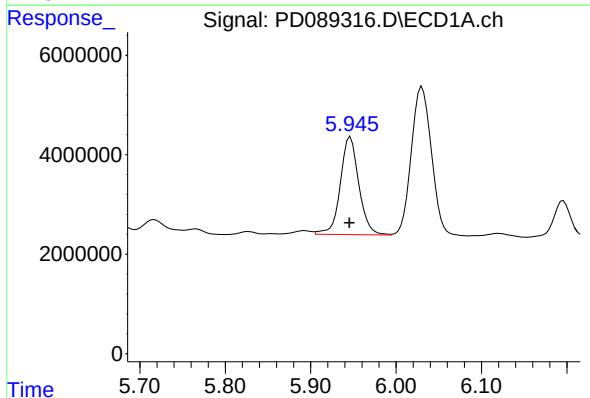
R.T.: 0.000 min
Exp R.T.: 6.074 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PIT#4



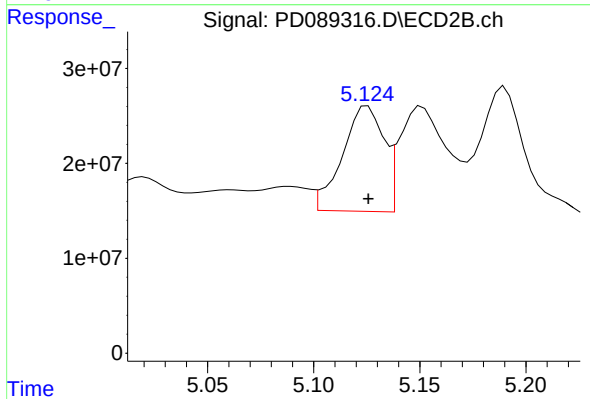
#9 Endosulfan I

R.T.: 5.259 min
Delta R.T.: 0.012 min
Response: 33302553
Conc: 1.60 ng/ml



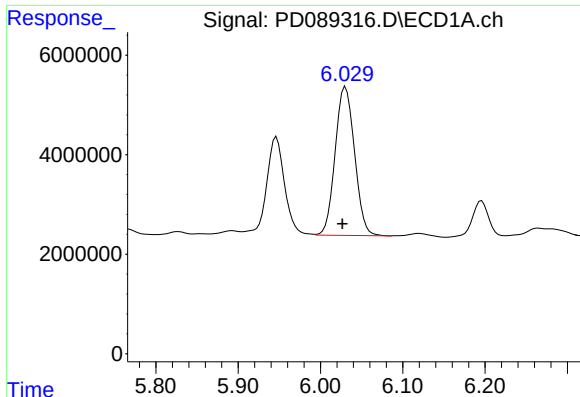
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 29611852
Conc: 6.18 ng/ml



#10 gamma-Chlordane

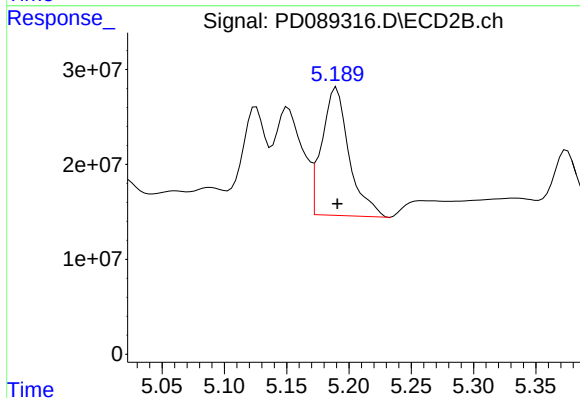
R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 150967458
Conc: 6.31 ng/ml



#11 alpha-Chlordane

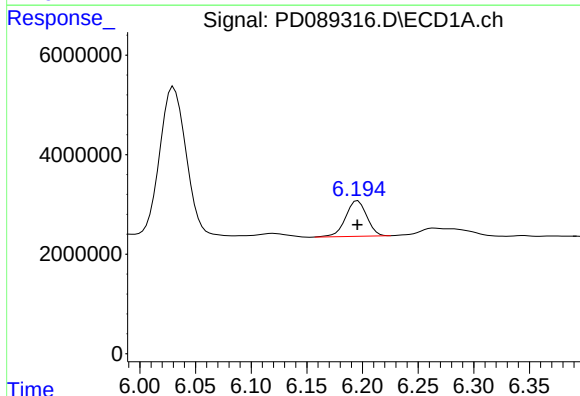
R.T.: 6.030 min
Delta R.T.: 0.004 min
Response: 48880576
Conc: 10.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#4



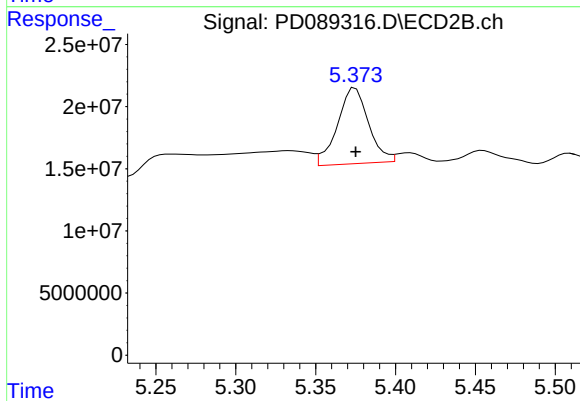
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 205295776
Conc: 8.97 ng/ml



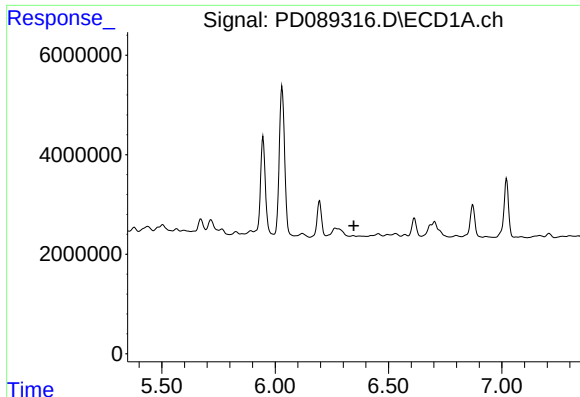
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 9475606
Conc: 2.17 ng/ml



#12 4,4'-DDE

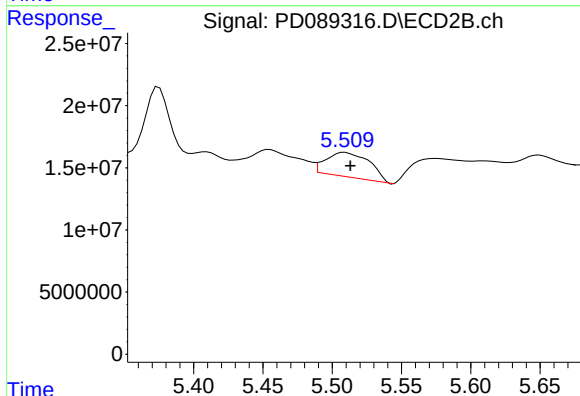
R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 82826460
Conc: 3.61 ng/ml



#13 Dieldrin

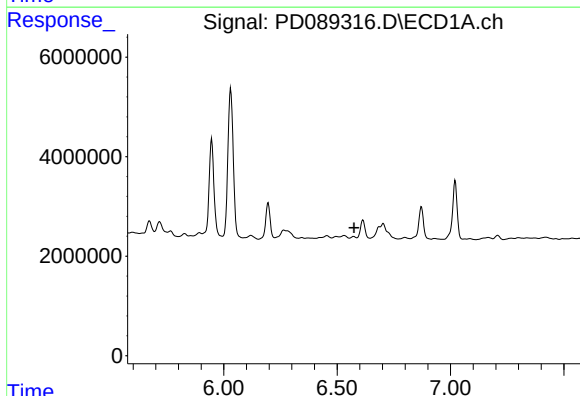
R.T.: 6.345 min
Delta R.T.: -0.002 min
Response: -5515
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PIT#4



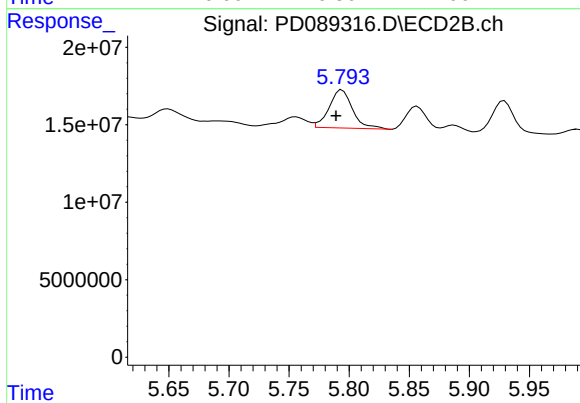
#13 Dieldrin

R.T.: 5.509 min
Delta R.T.: -0.004 min
Response: 43287235
Conc: 1.87 ng/ml



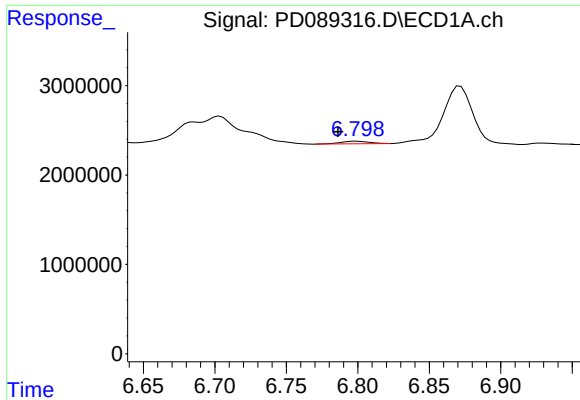
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: -3514
Conc: N.D.



#14 Endrin

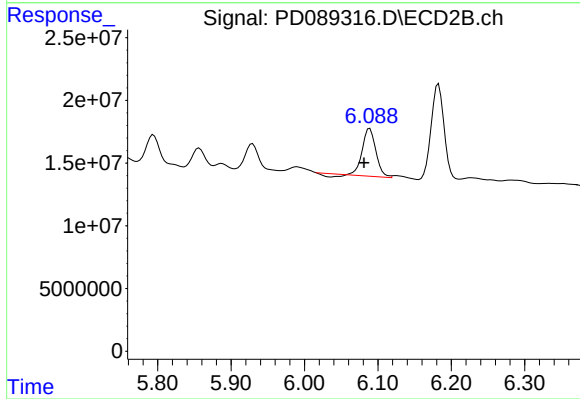
R.T.: 5.794 min
Delta R.T.: 0.005 min
Response: 33556524
Conc: 1.55 ng/ml



#15 Endosulfan II

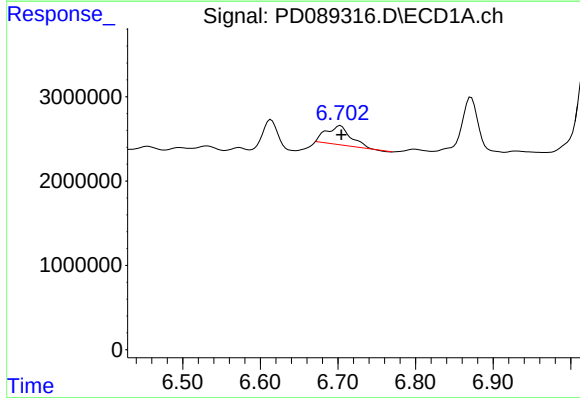
R.T.: 6.799 min
Delta R.T.: 0.013 min
Response: 387655
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#4



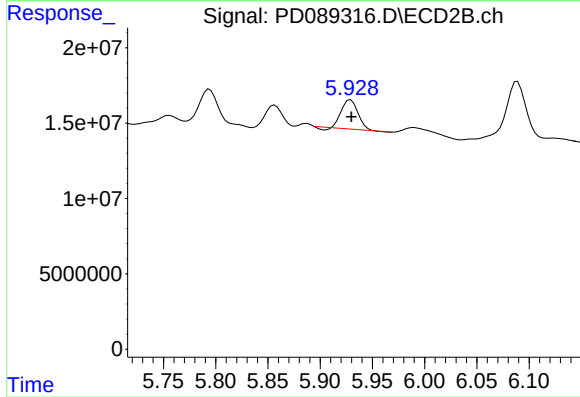
#15 Endosulfan II

R.T.: 6.089 min
Delta R.T.: 0.008 min
Response: 46826565
Conc: 2.32 ng/ml



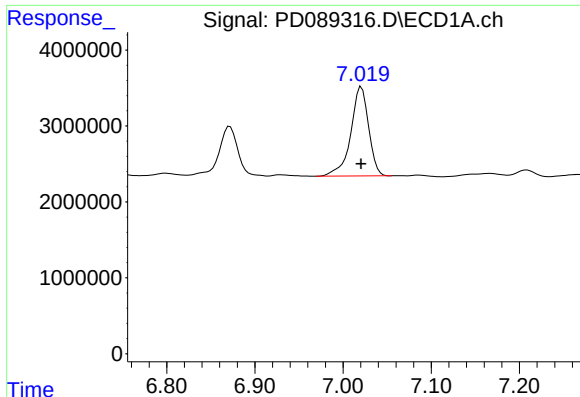
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: -0.001 min
Response: 4909037
Conc: 1.43 ng/ml



#16 4,4'-DDD

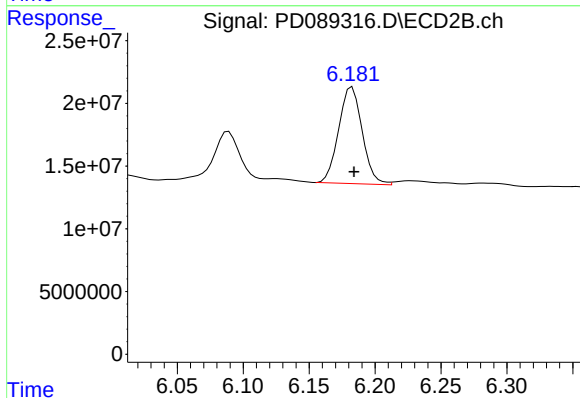
R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 20849523
Conc: 1.09 ng/ml



#17 4,4'-DDT

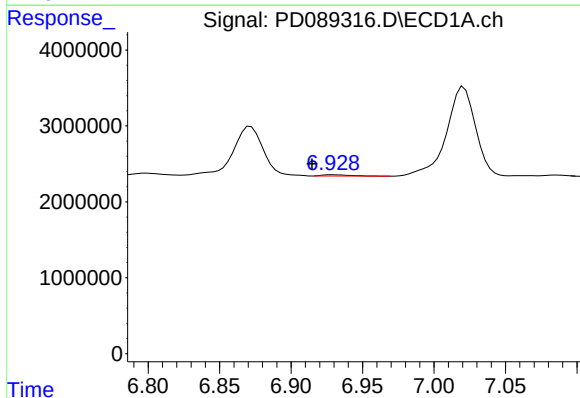
R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 16556861
Conc: 4.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#4



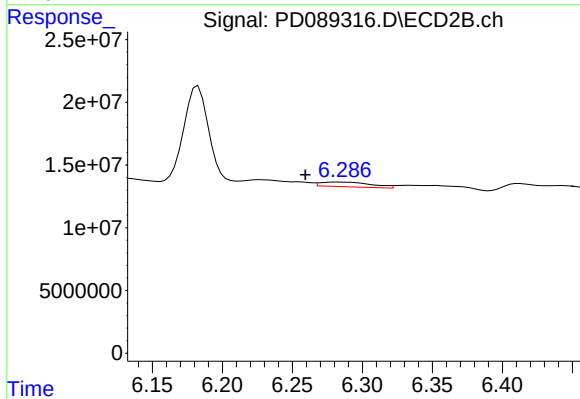
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.002 min
Response: 95866289
Conc: 4.73 ng/ml



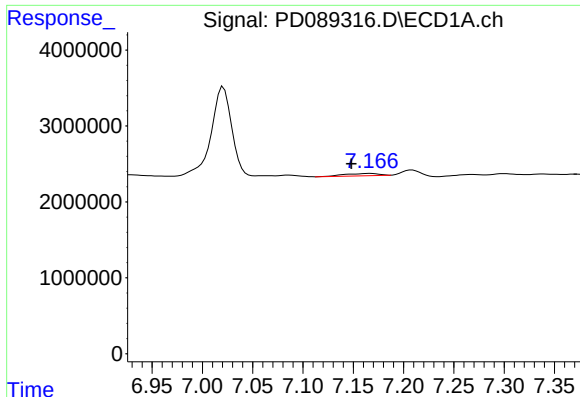
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.015 min
Response: 216332
Conc: 0.07 ng/ml



#18 Endrin aldehyde

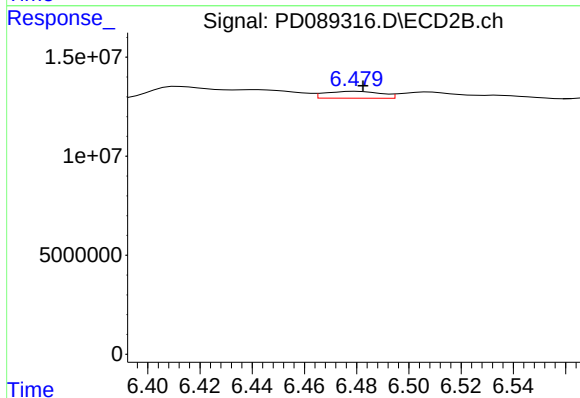
R.T.: 6.282 min
Delta R.T.: 0.022 min
Response: 9323533
Conc: 0.61 ng/ml



#19 Endosulfan Sulfate

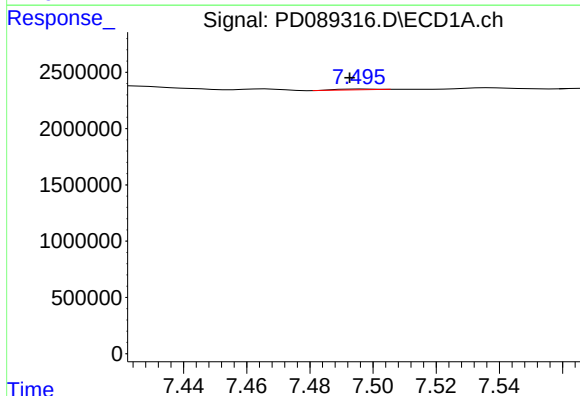
R.T.: 7.167 min
Delta R.T.: 0.019 min
Response: 717021
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#4



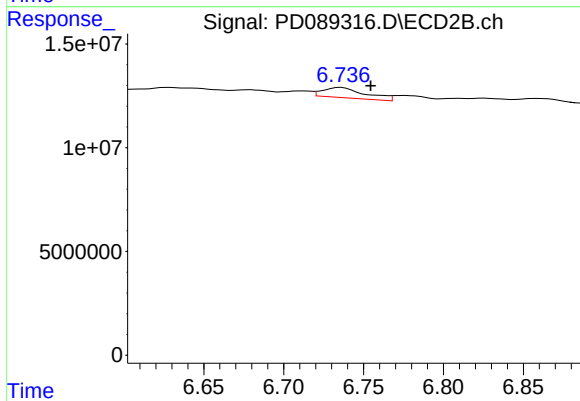
#19 Endosulfan Sulfate

R.T.: 6.480 min
Delta R.T.: -0.002 min
Response: 5205709
Conc: 0.27 ng/ml



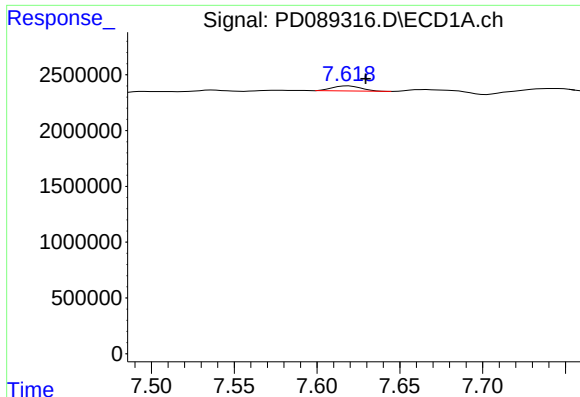
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: 0.003 min
Response: 54197
Conc: 0.03 ng/ml



#20 Methoxychlor

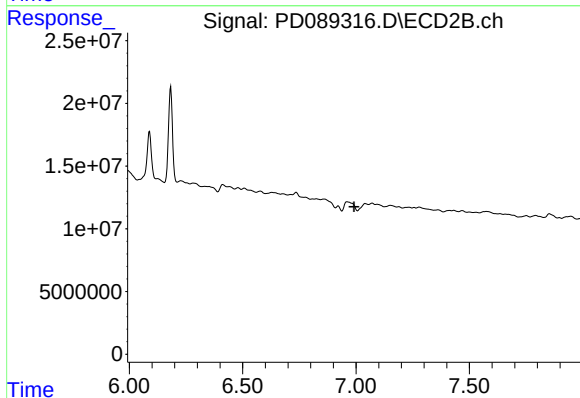
R.T.: 6.736 min
Delta R.T.: -0.019 min
Response: 9126414
Conc: 0.85 ng/ml



#21 Endrin ketone

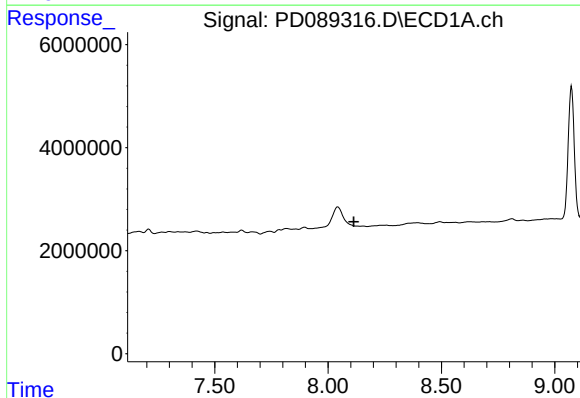
R.T.: 7.619 min
Delta R.T.: -0.010 min
Response: 554973
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#4



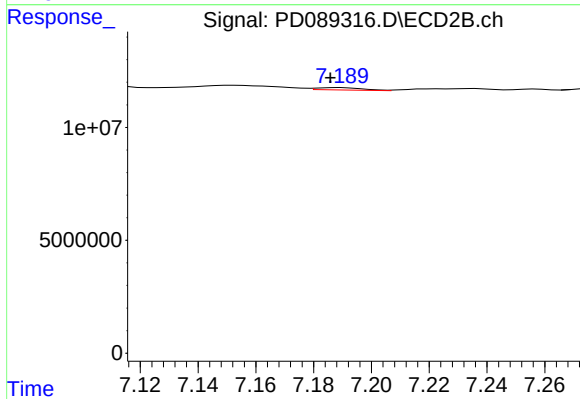
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.992 min
Response: 0
Conc: N.D.



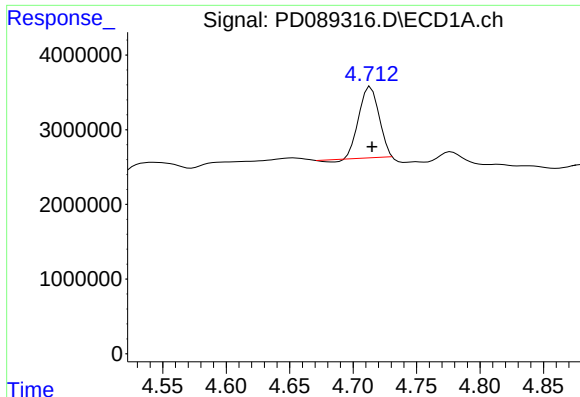
#22 Mirex

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



#22 Mirex

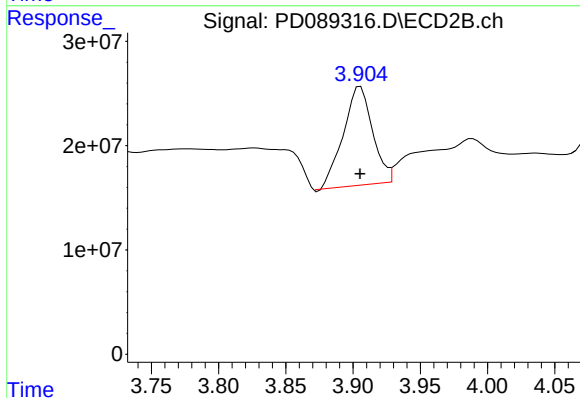
R.T.: 7.189 min
Delta R.T.: 0.003 min
Response: 1158724
Conc: 0.07 ng/ml



#23 Chlordane-1

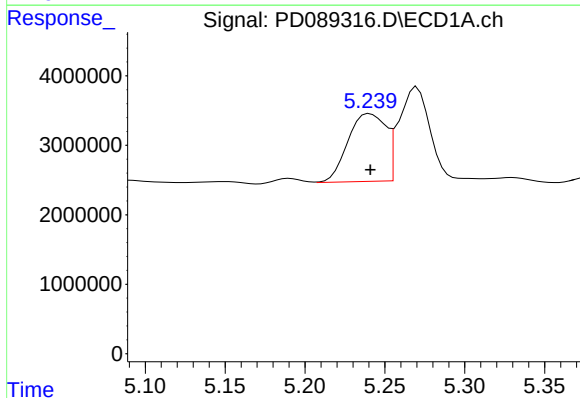
R.T.: 4.714 min
Delta R.T.: -0.001 min
Response: 10466672
Conc: 48.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#4



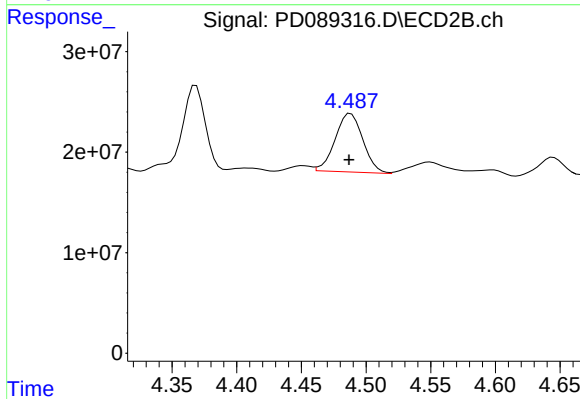
#23 Chlordane-1

R.T.: 3.905 min
Delta R.T.: 0.000 min
Response: 142721122
Conc: 153.09 ng/ml



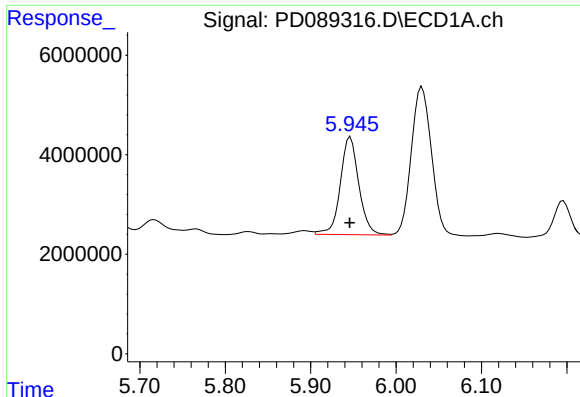
#24 Chlordane-2

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 16059769
Conc: 73.56 ng/ml



#24 Chlordane-2

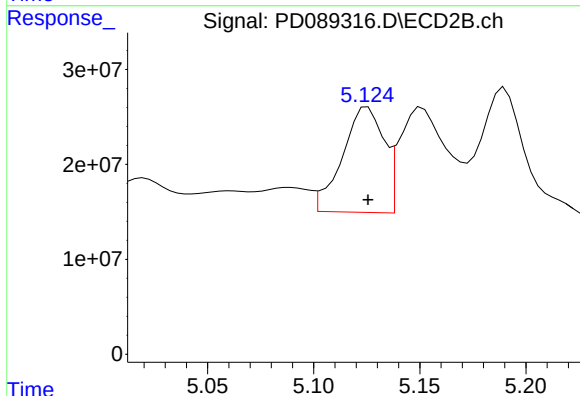
R.T.: 4.488 min
Delta R.T.: 0.001 min
Response: 86953692
Conc: 91.37 ng/ml



#25 Chlordane-3

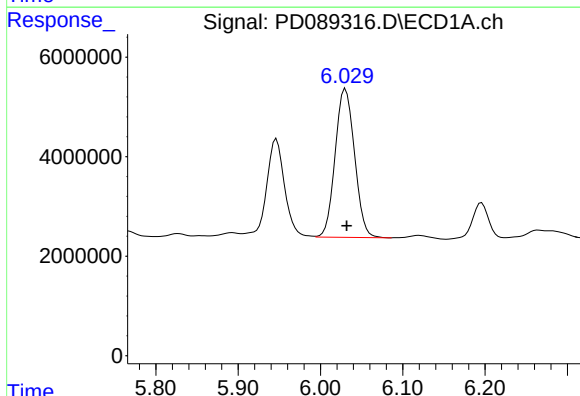
R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 29611852
Conc: 34.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#4



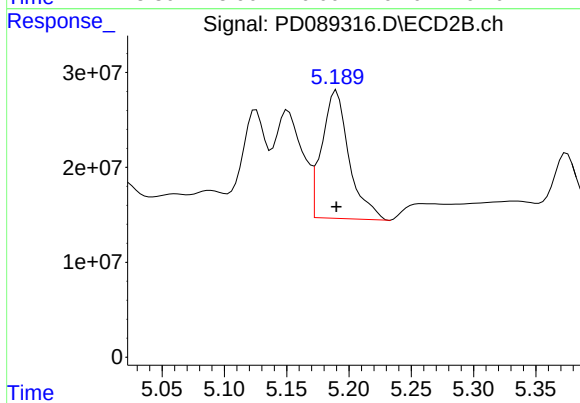
#25 Chlordane-3

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 150967458
Conc: 50.83 ng/ml



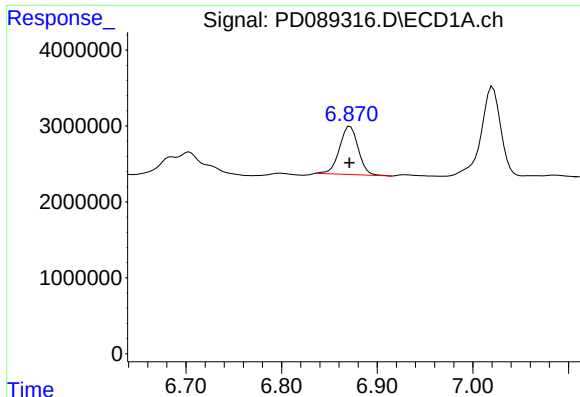
#26 Chlordane-4

R.T.: 6.030 min
Delta R.T.: -0.001 min
Response: 48880576
Conc: 46.52 ng/ml



#26 Chlordane-4

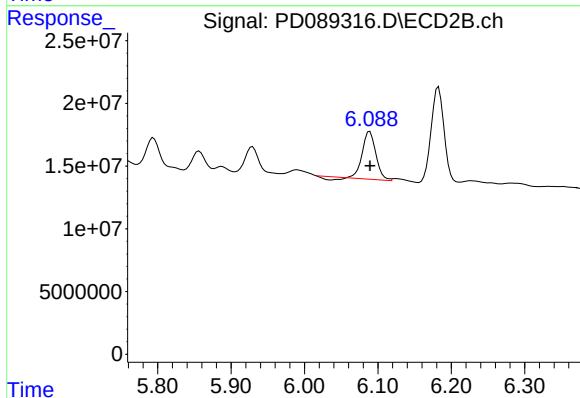
R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 205295776
Conc: 81.90 ng/ml



#27 Chlordane-5

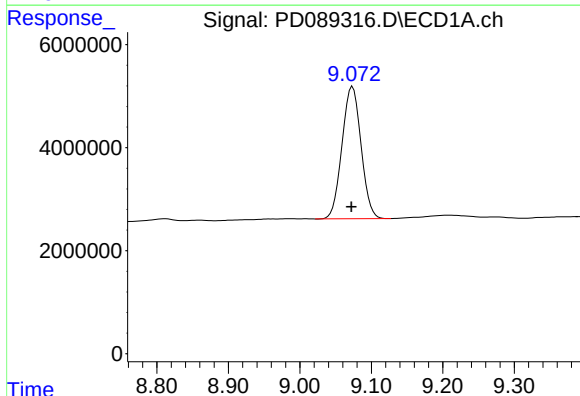
R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 8691246
Conc: 47.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#4



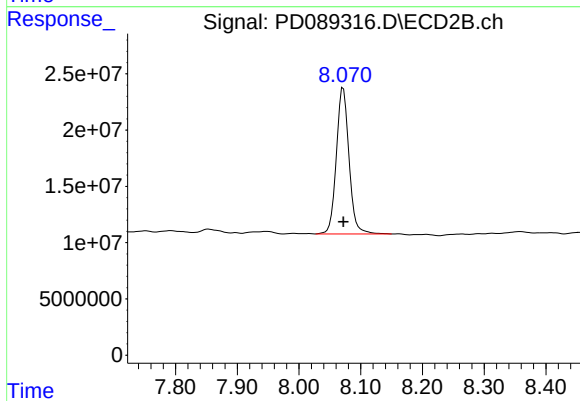
#27 Chlordane-5

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 46826565
Conc: 41.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.002 min
Response: 47622326
Conc: 12.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 185120285
Conc: 9.36 ng/ml