

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
 Data File : PD077603.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Sep 2023 19:06
 Operator : AR\AJ
 Sample : 03972-08MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 356MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 03 05:07:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 01 16:18:56 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...	3.542	2.763	-33946045	170.1E6	N.D.	107.516
28)	SA Decachlor...	9.082	7.899	54836076	28540558	18.001	16.539
Target Compounds							
2)	A alpha-BHC	4.000	3.262	193.2E6	77052591	46.952	33.305 #
3)	MA gamma-BHC...	4.330	3.590	249.1E6	120.4E6	62.966	53.861
4)	MA Heptachlor	4.922	3.932	151.2E6	111.3E6	38.602	49.480 #
5)	MB Aldrin	5.266	4.211	191.0E6	100.6E6	47.482	44.177
6)	B beta-BHC	4.532	3.886	18466875	54225399	11.443	60.841 #
7)	B delta-BHC	4.777	4.119	181.8E6	82062183	49.315	37.854
8)	B Heptachlo...	5.695	4.713	181.6E6	66682669	50.800	32.878 #
9)	A Endosulfan I	6.081	5.083	146.3E6	75972700	44.473	40.559
10)	B gamma-Chl...	5.950	4.963	118.1E6	96513207	33.537	48.012 #
11)	B alpha-Chl...	6.031	5.027	194.8E6	76703663	54.740	38.072 #
12)	B 4,4'-DDE	6.203	5.217	112.5E6	90758455	34.946	49.723 #
13)	MA Dieldrin	6.357	5.348	219.1E6	96034173	61.580	47.034
14)	MA Endrin	6.588	5.624	131.2E6	79256905	43.266	43.757
15)	B Endosulfa...	6.804	5.919	207.7E6	50843635	67.039	29.715 #
16)	A 4,4'-DDD	6.718	5.772	184.4E6	64278947	71.978	45.998 #
17)	MA 4,4'-DDT	7.035	6.022	110.0E6	76449547	42.065	54.111 #
18)	B Endrin al...	6.937	6.097	87121688	46193568	36.661	34.222
19)	B Endosulfa...	7.173	6.320	79374175	67880081	27.969	42.392 #
20)	A Methoxychlor	7.511	6.598	102.1E6	60214359	66.011	77.772
21)	B Endrin ke...	7.659	6.826	154.4E6	68976065	47.517	36.481
22)	Mirex	8.132	7.007	103.7E6	48130496	43.116	31.432 #
23)	Chlordane-1	4.693	3.767	75138433	24444694	642.819	429.253 #
24)	Chlordane-2	5.228	4.328	79521413	8406905	623.053	131.995 #
25)	Chlordane-3	5.950	4.963	118.1E6	96513207	235.002	491.906 #
26)	Chlordane-4	6.031	5.027	194.8E6	76703663	316.204	405.362 #
27)	Chlordane-5	6.867f	5.919	19210873	50843635	189.799	790.261 #

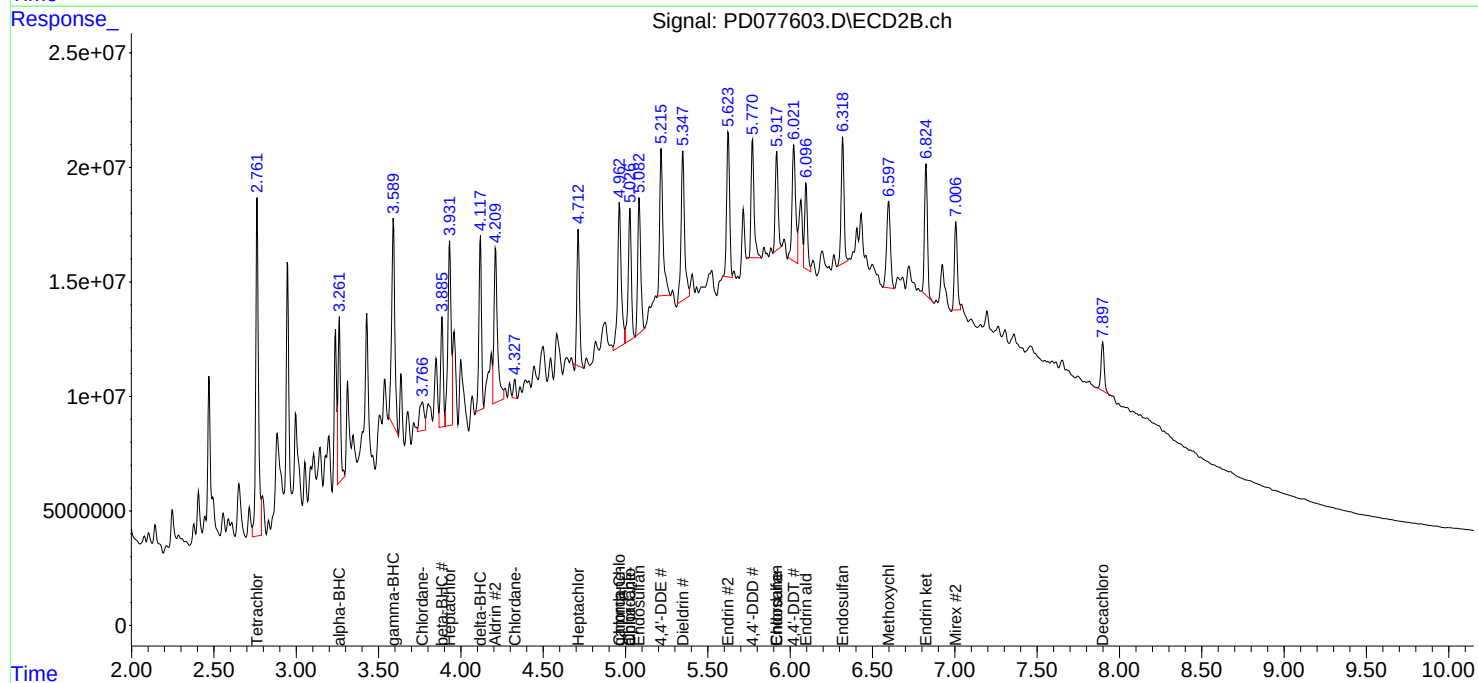
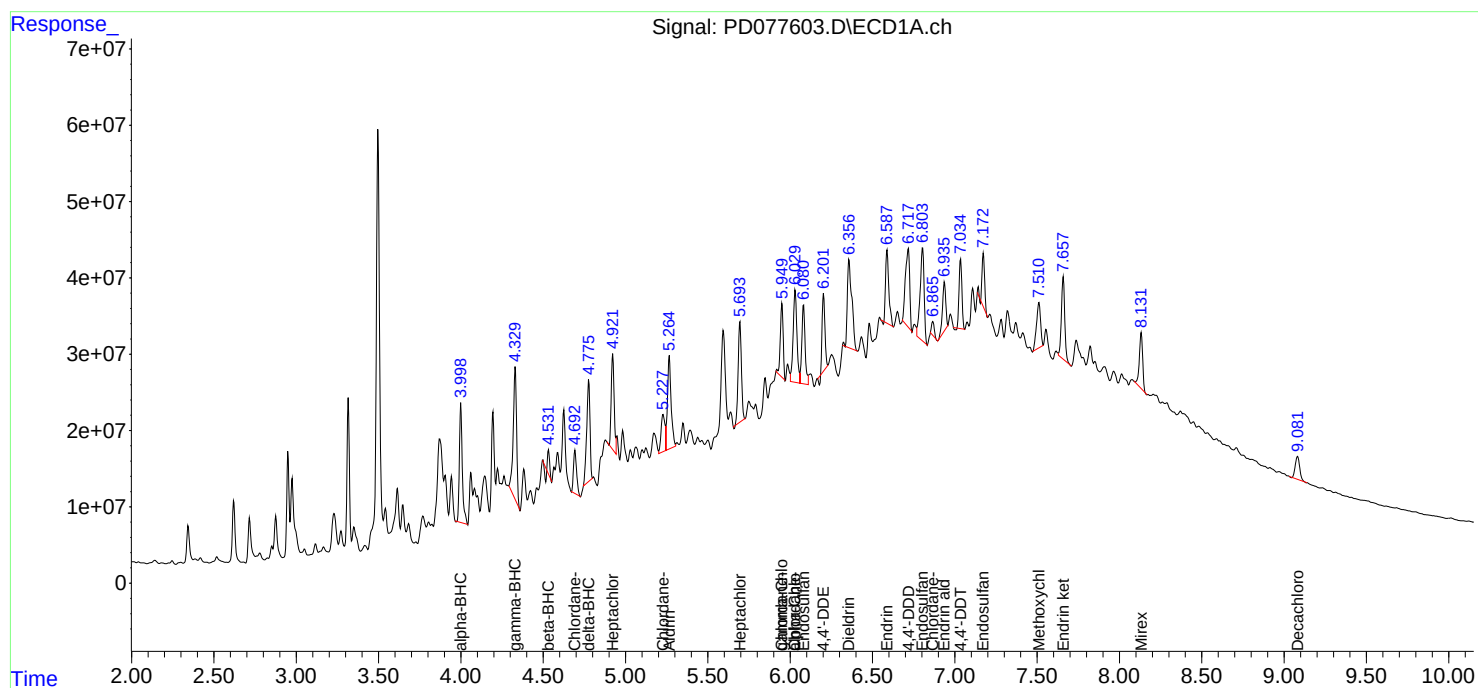
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

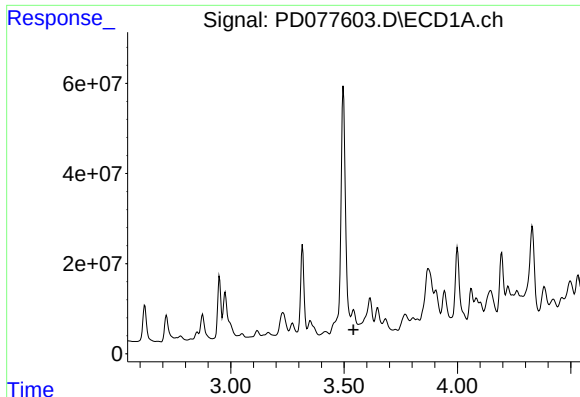
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
Data File : PD077603.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Sep 2023 19:06
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356MSD

Integration File signal 1: autoint1.e
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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

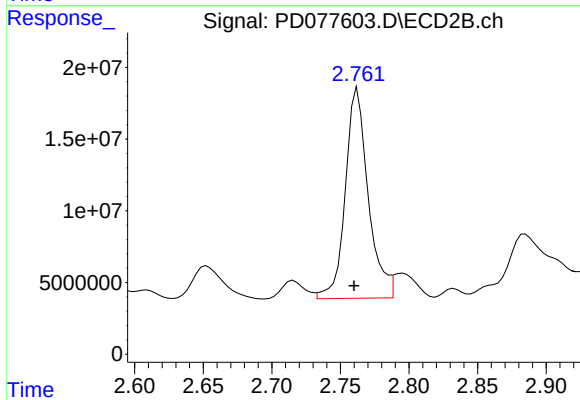




#1 Tetrachloro-m-xylene

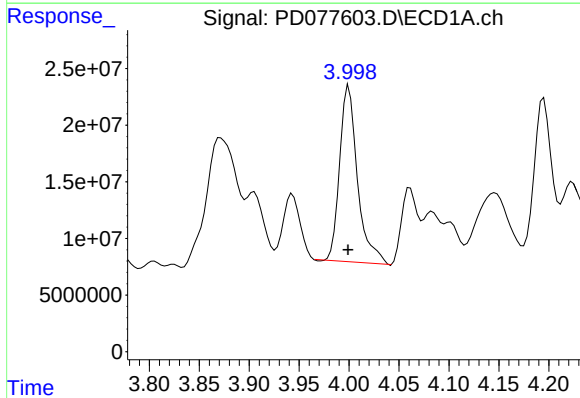
R.T.: 3.542 min
Delta R.T.: 0.000 min
Response: -33946045
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
356MSD



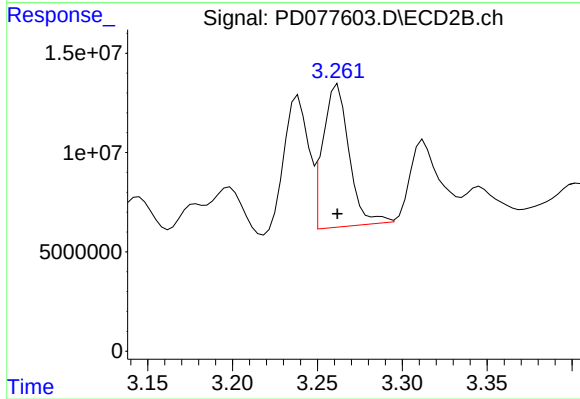
#1 Tetrachloro-m-xylene

R.T.: 2.763 min
Delta R.T.: 0.003 min
Response: 170051773
Conc: 107.52 ng/ml



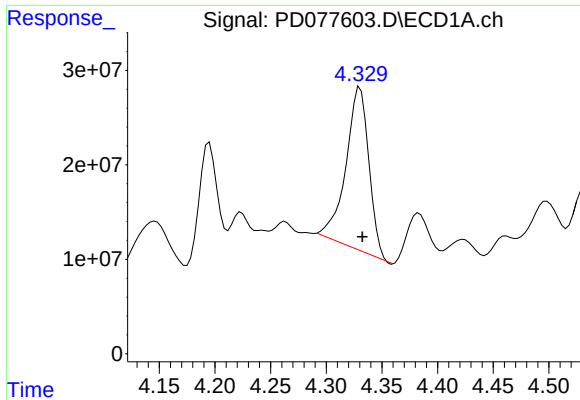
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 193169135
Conc: 46.95 ng/ml



#2 alpha-BHC

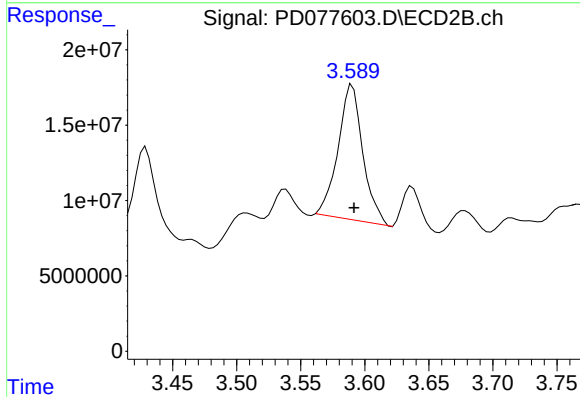
R.T.: 3.262 min
Delta R.T.: 0.000 min
Response: 77052591
Conc: 33.30 ng/ml



#3 gamma-BHC (Lindane)

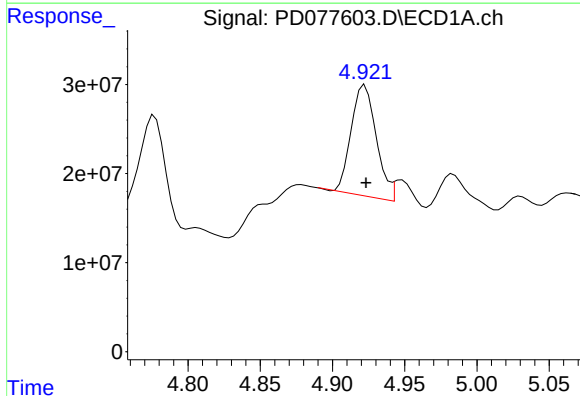
R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 249090102
Conc: 62.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MSD



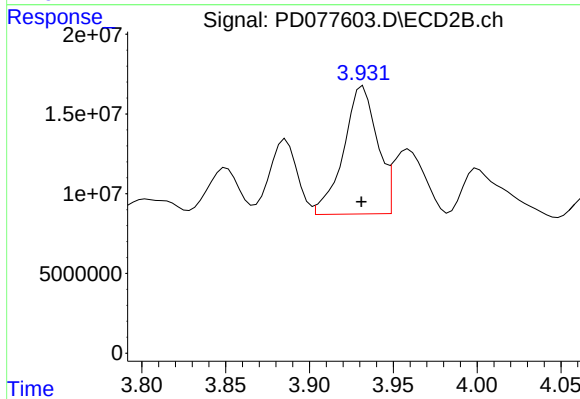
#3 gamma-BHC (Lindane)

R.T.: 3.590 min
Delta R.T.: -0.001 min
Response: 120403926
Conc: 53.86 ng/ml



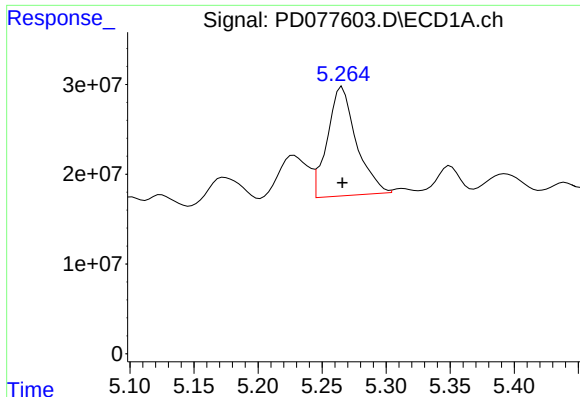
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 151241811
Conc: 38.60 ng/ml



#4 Heptachlor

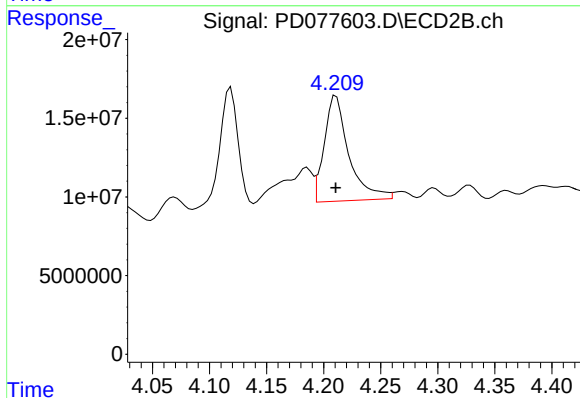
R.T.: 3.932 min
Delta R.T.: 0.001 min
Response: 111300897
Conc: 49.48 ng/ml



#5 Aldrin

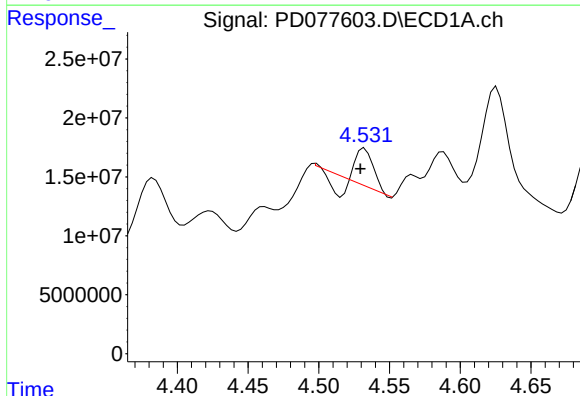
R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 190965373
Conc: 47.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MSD



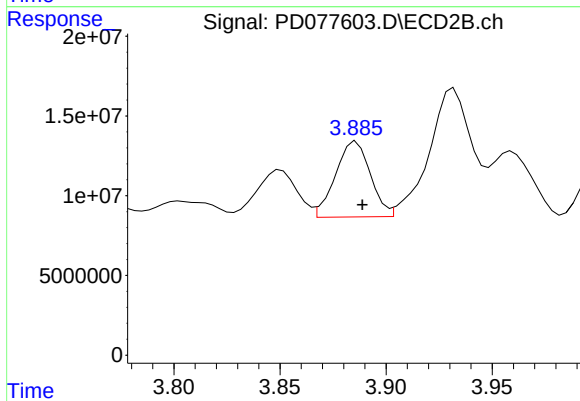
#5 Aldrin

R.T.: 4.211 min
Delta R.T.: 0.000 min
Response: 100636878
Conc: 44.18 ng/ml



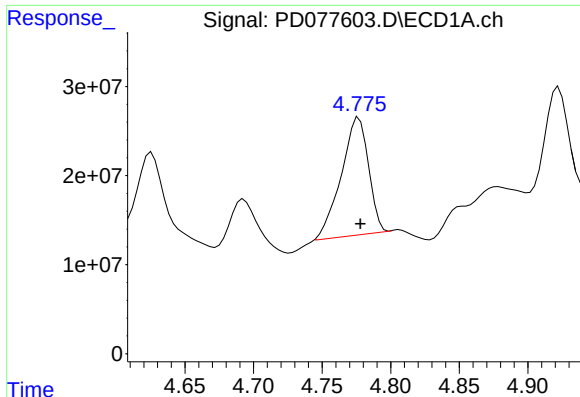
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.003 min
Response: 18466875
Conc: 11.44 ng/ml



#6 beta-BHC

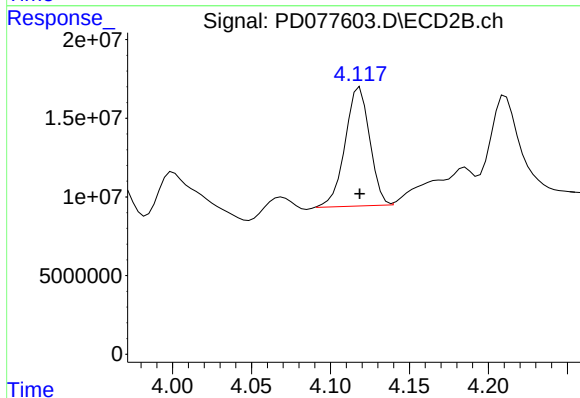
R.T.: 3.886 min
Delta R.T.: -0.003 min
Response: 54225399
Conc: 60.84 ng/ml



#7 delta-BHC

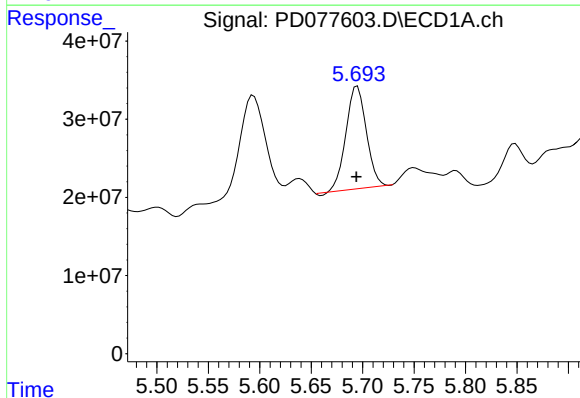
R.T.: 4.777 min
Delta R.T.: -0.001 min
Response: 181793506
Conc: 49.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MSD



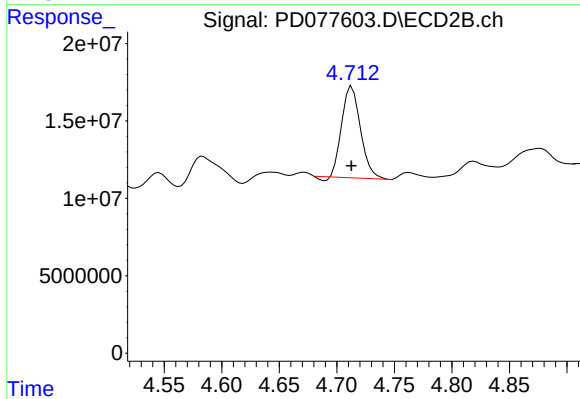
#7 delta-BHC

R.T.: 4.119 min
Delta R.T.: 0.000 min
Response: 82062183
Conc: 37.85 ng/ml



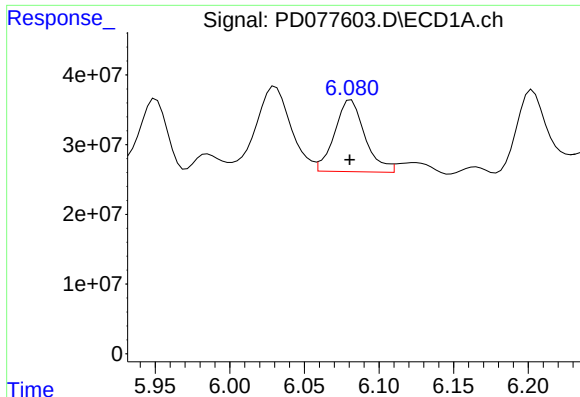
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.001 min
Response: 181639068
Conc: 50.80 ng/ml



#8 Heptachlor epoxide

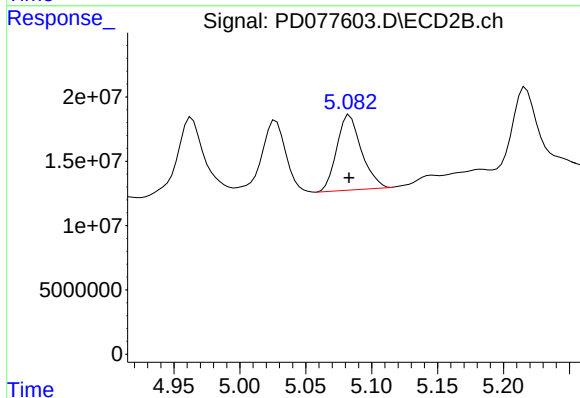
R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 66682669
Conc: 32.88 ng/ml



#9 Endosulfan I

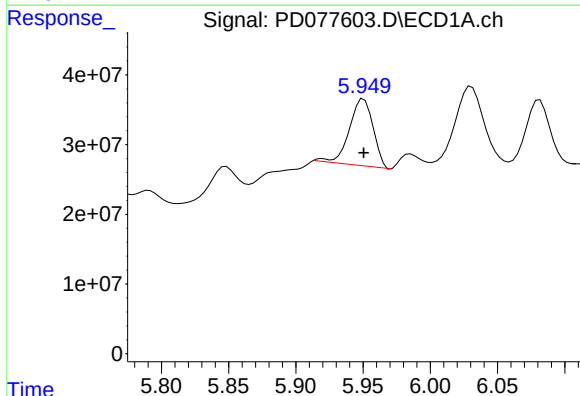
R.T.: 6.081 min
Delta R.T.: 0.001 min
Response: 146275896
Conc: 44.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MSD



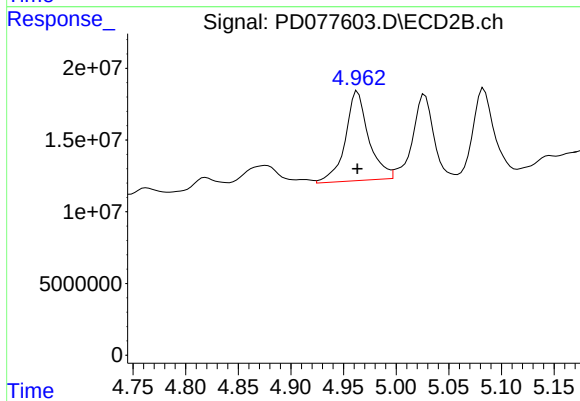
#9 Endosulfan I

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 75972700
Conc: 40.56 ng/ml



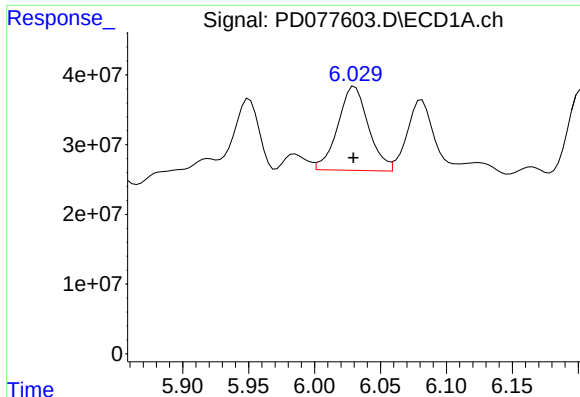
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 118059976
Conc: 33.54 ng/ml



#10 gamma-Chlordane

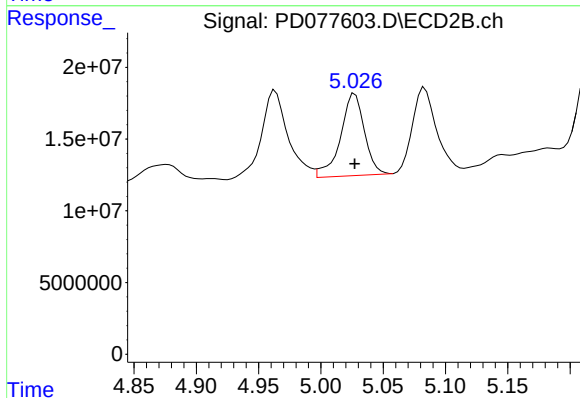
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 96513207
Conc: 48.01 ng/ml



#11 alpha-Chlordane

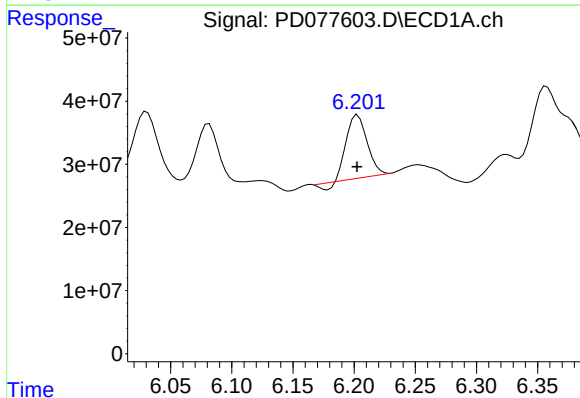
R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 194783892
Conc: 54.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MSD



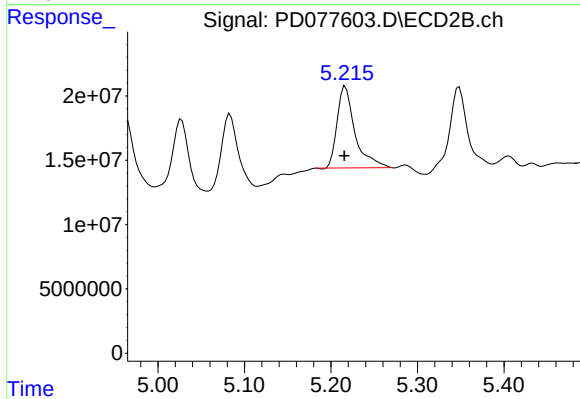
#11 alpha-Chlordane

R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 76703663
Conc: 38.07 ng/ml



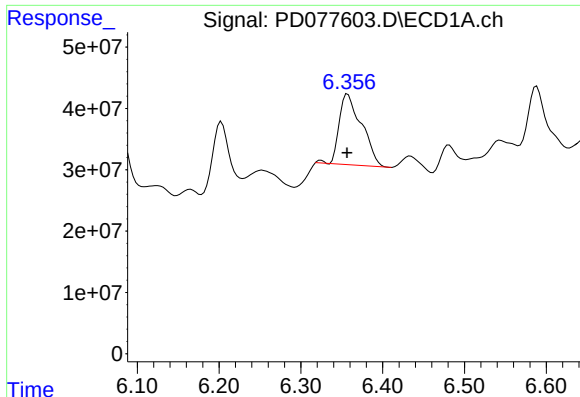
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 112511519
Conc: 34.95 ng/ml



#12 4,4'-DDE

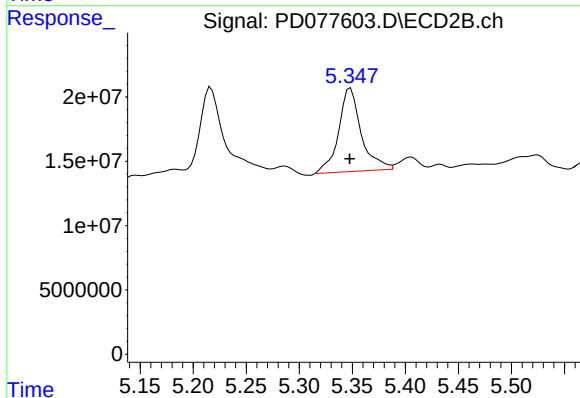
R.T.: 5.217 min
Delta R.T.: 0.001 min
Response: 90758455
Conc: 49.72 ng/ml



#13 Dieldrin

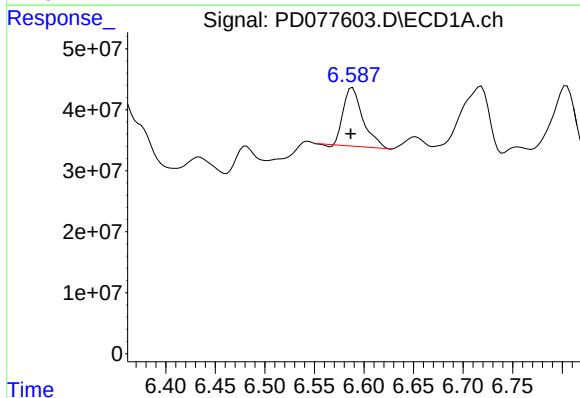
R.T.: 6.357 min
Delta R.T.: 0.001 min
Response: 219091922
Conc: 61.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MSD



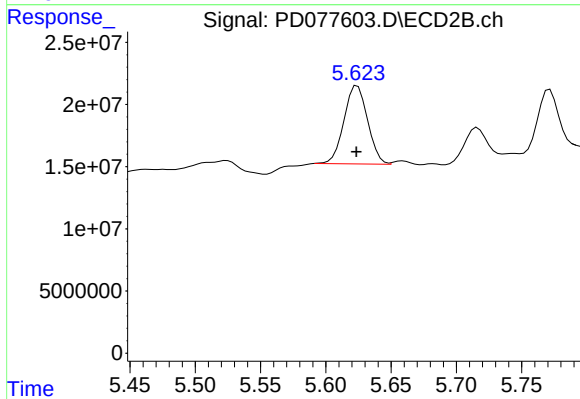
#13 Dieldrin

R.T.: 5.348 min
Delta R.T.: 0.000 min
Response: 96034173
Conc: 47.03 ng/ml



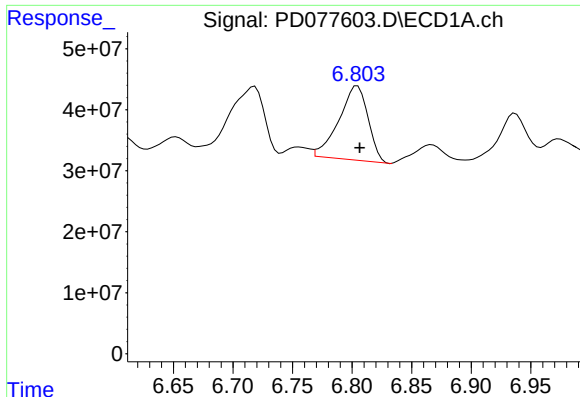
#14 Endrin

R.T.: 6.588 min
Delta R.T.: 0.002 min
Response: 131233337
Conc: 43.27 ng/ml



#14 Endrin

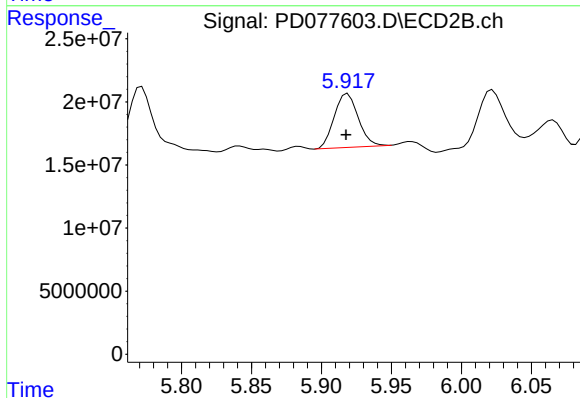
R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 79256905
Conc: 43.76 ng/ml



#15 Endosulfan II

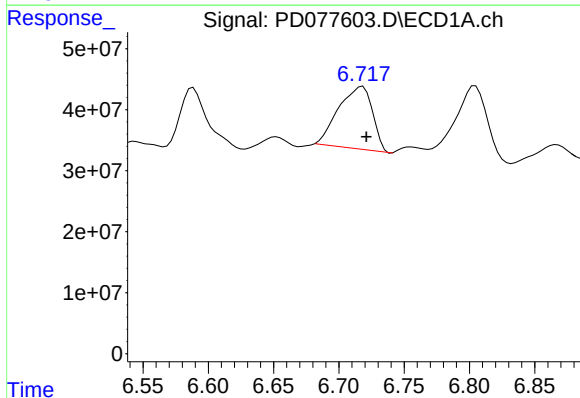
R.T.: 6.804 min
Delta R.T.: -0.002 min
Response: 207728111
Conc: 67.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MSD



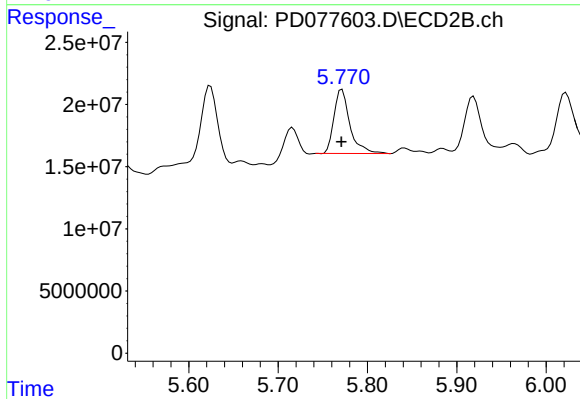
#15 Endosulfan II

R.T.: 5.919 min
Delta R.T.: 0.001 min
Response: 50843635
Conc: 29.71 ng/ml



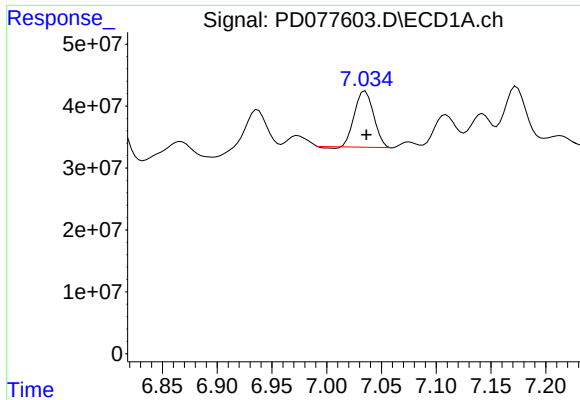
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: -0.003 min
Response: 184429077
Conc: 71.98 ng/ml



#16 4,4'-DDD

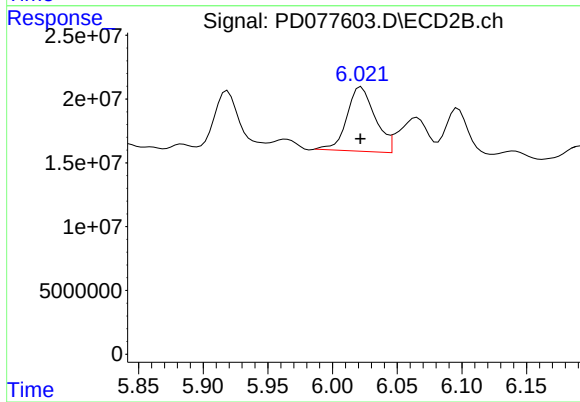
R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 64278947
Conc: 46.00 ng/ml



#17 4,4'-DDT

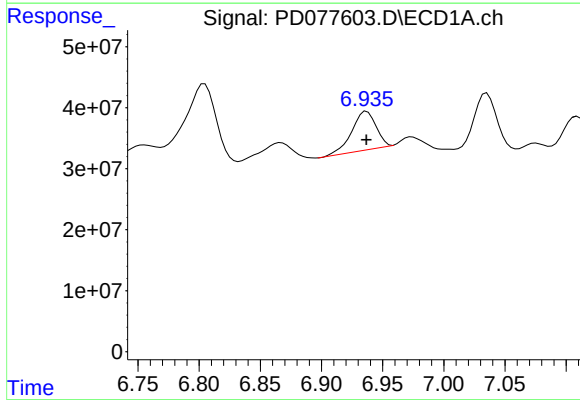
R.T.: 7.035 min
Delta R.T.: -0.001 min
Response: 110012688
Conc: 42.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MSD



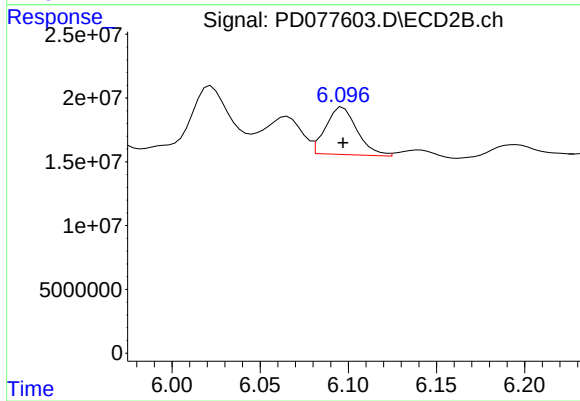
#17 4,4'-DDT

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 76449547
Conc: 54.11 ng/ml



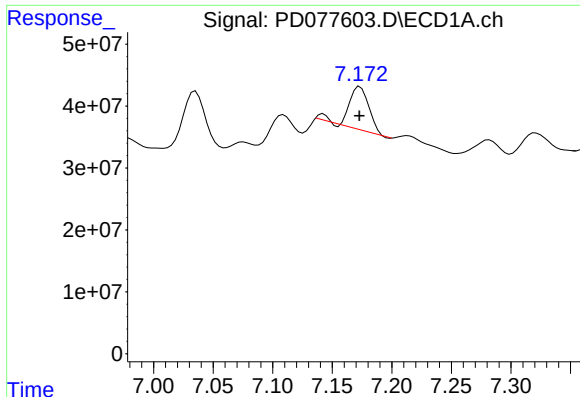
#18 Endrin aldehyde

R.T.: 6.937 min
Delta R.T.: 0.000 min
Response: 87121688
Conc: 36.66 ng/ml



#18 Endrin aldehyde

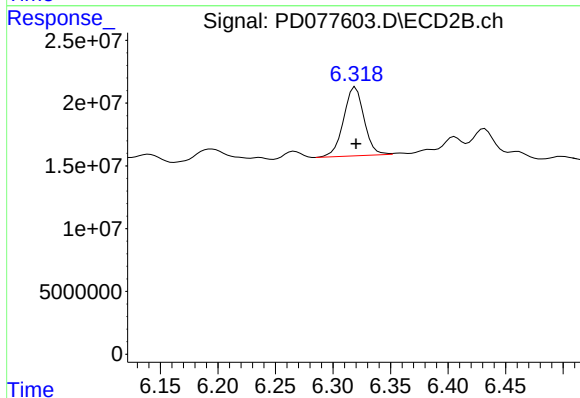
R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 46193568
Conc: 34.22 ng/ml



#19 Endosulfan Sulfate

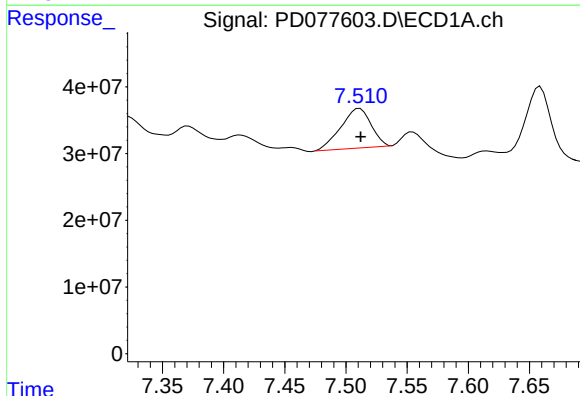
R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 79374175
Conc: 27.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MSD



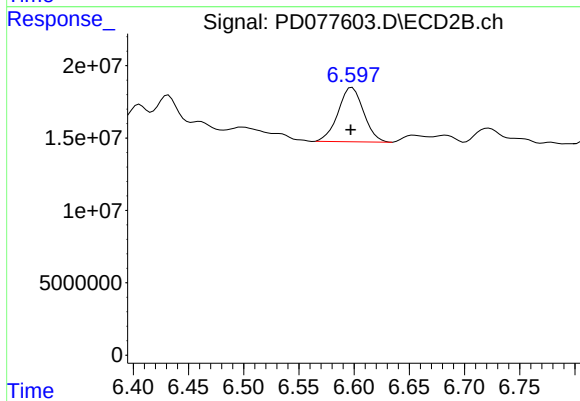
#19 Endosulfan Sulfate

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 67880081
Conc: 42.39 ng/ml



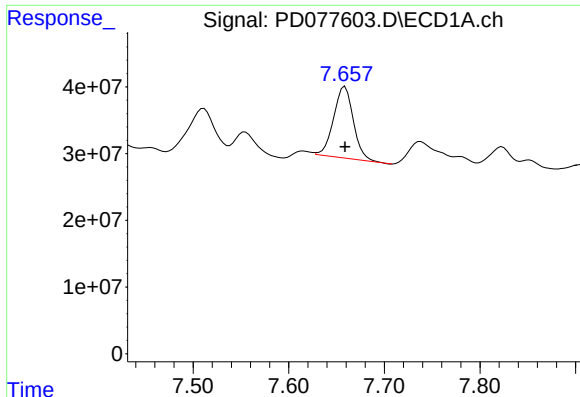
#20 Methoxychlor

R.T.: 7.511 min
Delta R.T.: 0.000 min
Response: 102102535
Conc: 66.01 ng/ml



#20 Methoxychlor

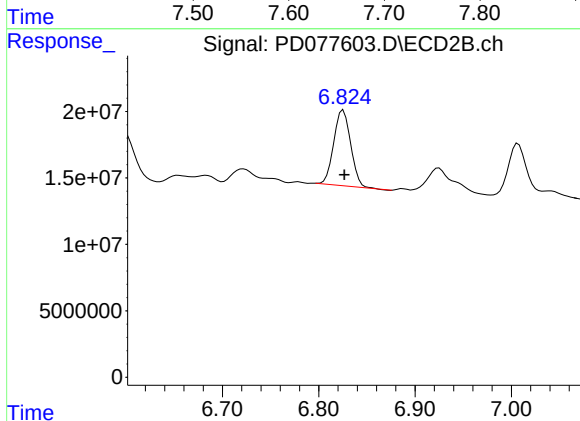
R.T.: 6.598 min
Delta R.T.: 0.001 min
Response: 60214359
Conc: 77.77 ng/ml



#21 Endrin ketone

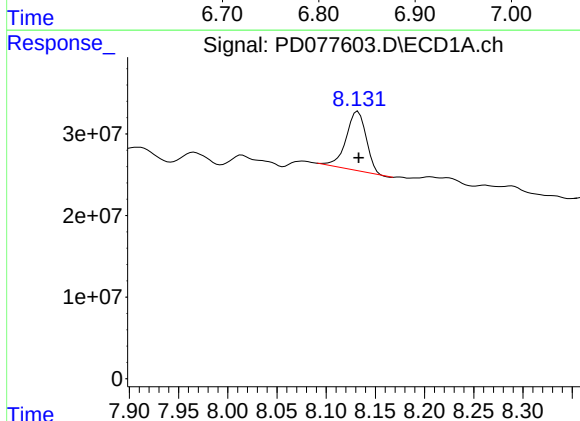
R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 154433373
Conc: 47.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MSD



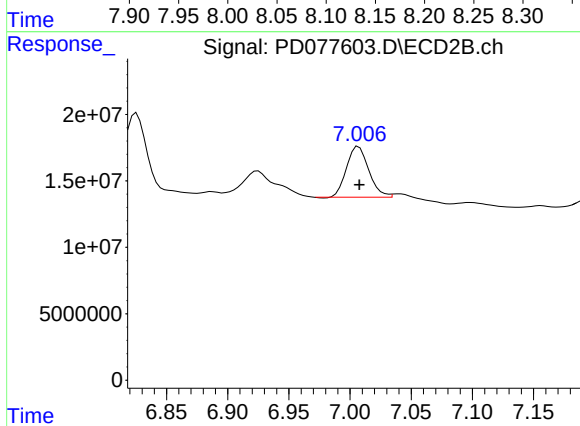
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: -0.001 min
Response: 68976065
Conc: 36.48 ng/ml



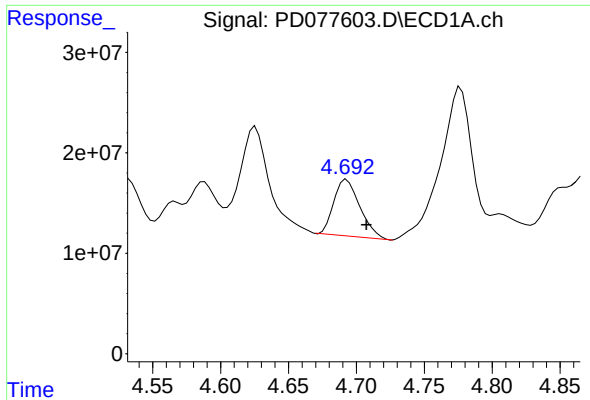
#22 Mirex

R.T.: 8.132 min
Delta R.T.: -0.001 min
Response: 103696612
Conc: 43.12 ng/ml



#22 Mirex

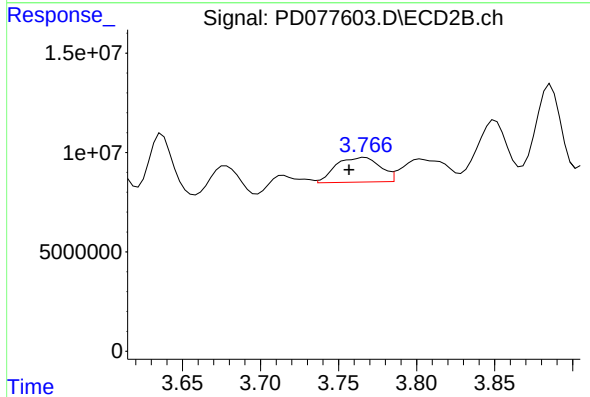
R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 48130496
Conc: 31.43 ng/ml



#23 Chlordane-1

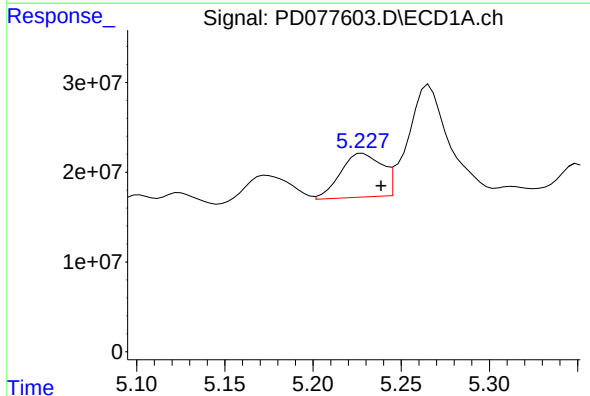
R.T.: 4.693 min
Delta R.T.: -0.014 min
Response: 75138433
Conc: 642.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MSD



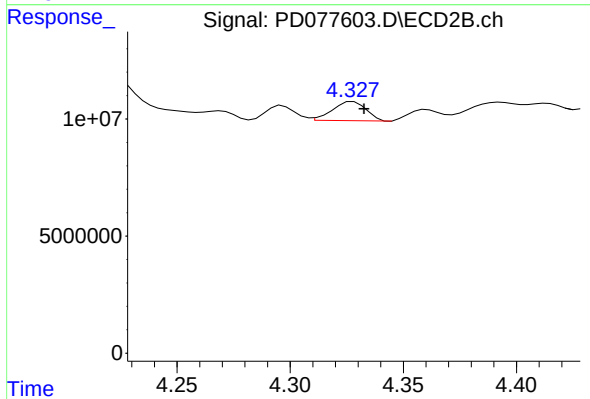
#23 Chlordane-1

R.T.: 3.767 min
Delta R.T.: 0.010 min
Response: 24444694
Conc: 429.25 ng/ml



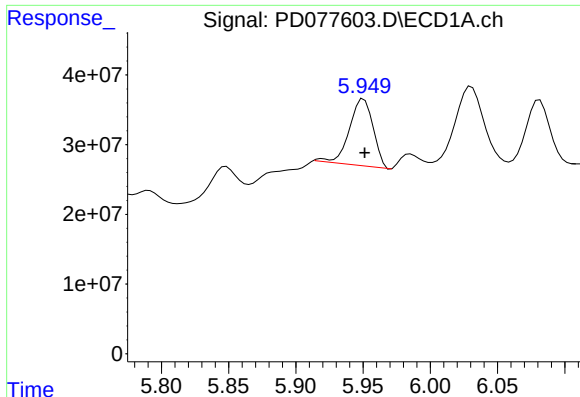
#24 Chlordane-2

R.T.: 5.228 min
Delta R.T.: -0.011 min
Response: 79521413
Conc: 623.05 ng/ml



#24 Chlordane-2

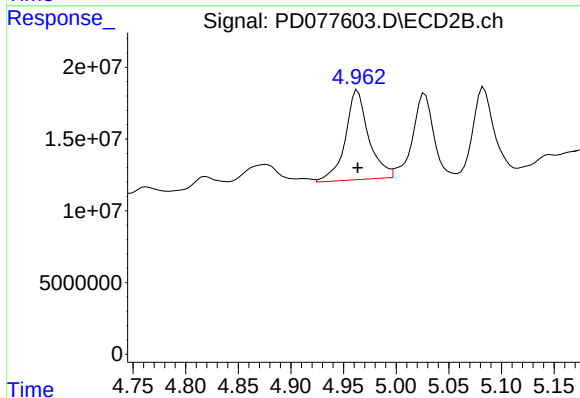
R.T.: 4.328 min
Delta R.T.: -0.005 min
Response: 8406905
Conc: 132.00 ng/ml



#25 Chlordane-3

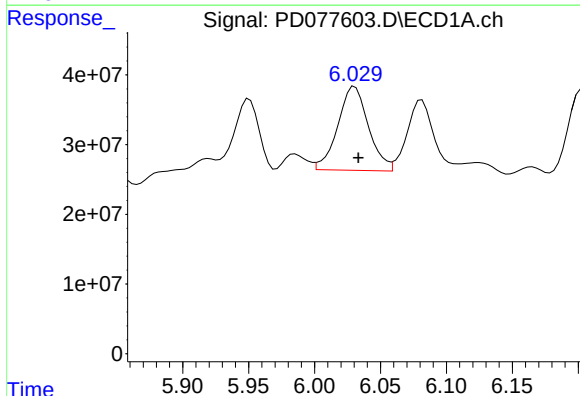
R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 118059976
Conc: 235.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MSD



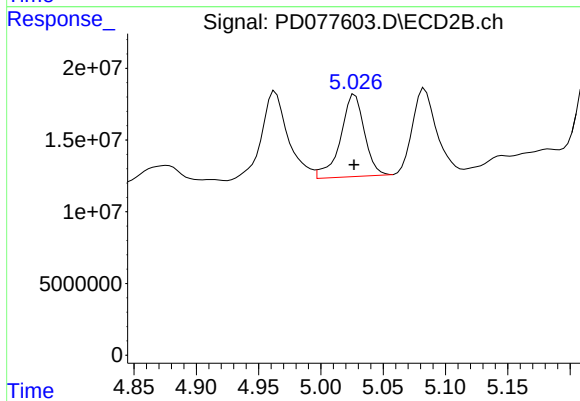
#25 Chlordane-3

R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 96513207
Conc: 491.91 ng/ml



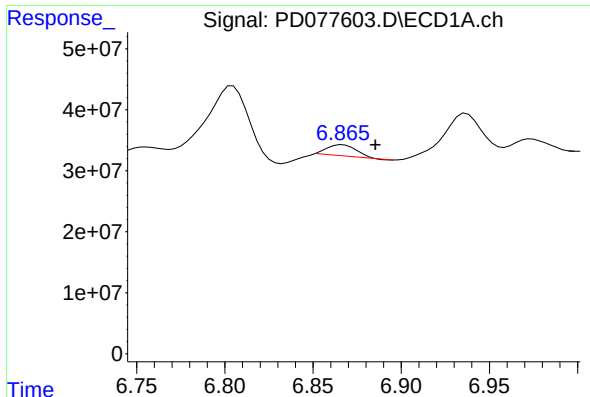
#26 Chlordane-4

R.T.: 6.031 min
Delta R.T.: -0.003 min
Response: 194783892
Conc: 316.20 ng/ml



#26 Chlordane-4

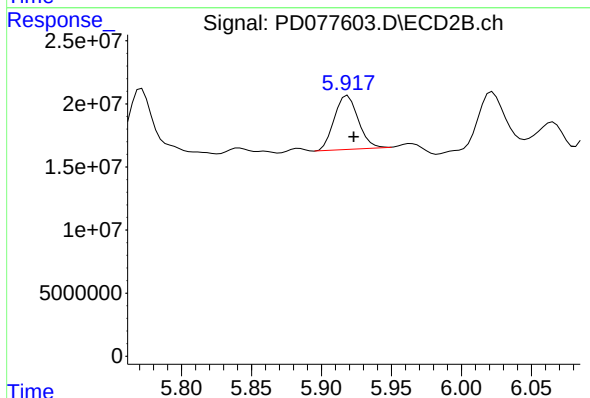
R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 76703663
Conc: 405.36 ng/ml



#27 Chlordane-5

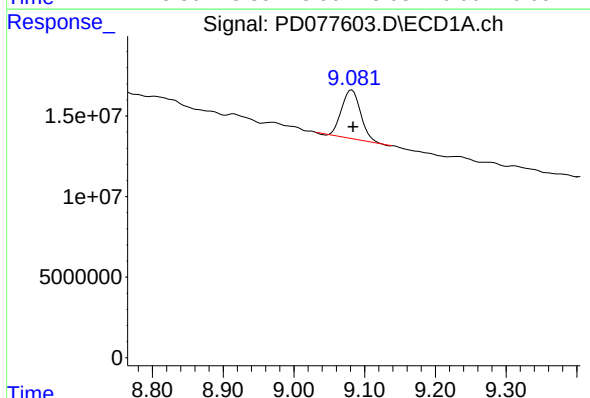
R.T.: 6.867 min
Delta R.T.: -0.018 min
Response: 19210873
Conc: 189.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MSD



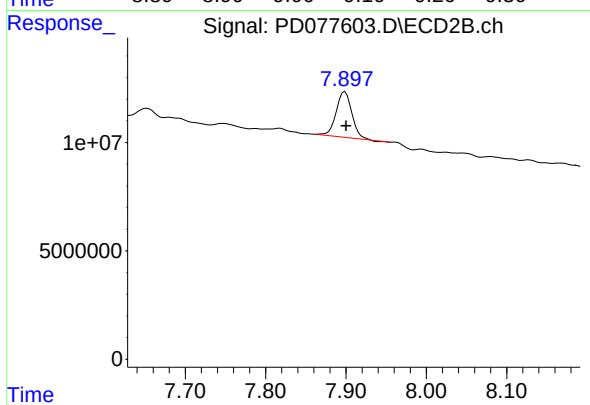
#27 Chlordane-5

R.T.: 5.919 min
Delta R.T.: -0.004 min
Response: 50843635
Conc: 790.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.082 min
Delta R.T.: -0.002 min
Response: 54836076
Conc: 18.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: -0.001 min
Response: 28540558
Conc: 16.54 ng/ml