

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
 Data File : PD077602.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Sep 2023 18:53
 Operator : AR\AJ
 Sample : 03972-08MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 356MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 03 05:07:08 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...	3.541	2.762	-27418605	165.5E6	N.D.	104.640
28)	SA Decachlor...	9.081	7.899	57301053	29047991	18.811	16.833
Target Compounds							
2)	A alpha-BHC	3.999	3.261	191.6E6	76601955	46.561	33.110 #
3)	MA gamma-BHC...	4.330	3.590	245.0E6	117.6E6	61.922	52.596
4)	MA Heptachlor	4.921	3.931	147.5E6	108.2E6	37.638	48.100 #
5)	MB Aldrin	5.265	4.210	188.6E6	97337947	46.900	42.729
6)	B beta-BHC	4.532	3.885	18560225	51914698	11.501	58.248 #
7)	B delta-BHC	4.776	4.118	175.4E6	80407775	47.592	37.091
8)	B Heptachlo...	5.694	4.713	182.3E6	66066431	50.973	32.574 #
9)	A Endosulfan I	6.080	5.083	143.0E6	73359994	43.484	39.164
10)	B gamma-Chl...	5.949	4.963	115.6E6	94331623	32.824	46.927 #
11)	B alpha-Chl...	6.029	5.027	190.0E6	73246412	53.384	36.356 #
12)	B 4,4'-DDE	6.202	5.216	118.4E6	90796665	36.773	49.744 #
13)	MA Dieldrin	6.356	5.348	217.5E6	93313564	61.138	45.701 #
14)	MA Endrin	6.587	5.624	133.5E6	79108739	43.999	43.675
15)	B Endosulfa...	6.803	5.918	201.5E6	50485681	65.028	29.506 #
16)	A 4,4'-DDD	6.716	5.771	177.2E6	62944688	69.152	45.044 #
17)	MA 4,4'-DDT	7.036	6.021	108.8E6	77691993	41.604	54.990 #
18)	B Endrin al...	6.936	6.097	90932378	44967149	38.265	33.313
19)	B Endosulfa...	7.172	6.320	74263081	67503676	26.168	42.157 #
20)	A Methoxychlor	7.511	6.598	97386343	57594319	62.962	74.388
21)	B Endrin ke...	7.658	6.825	148.7E6	69721065	45.755	36.875
22)	Mirex	8.132	7.007	96860181	47512550	40.274	31.028
23)	Chlordane-1	4.692	3.766	75065762	24815035	642.197	435.756 #
24)	Chlordane-2	5.226	4.327	77882793	7875993	610.214	123.660 #
25)	Chlordane-3	5.949	4.963	115.6E6	94331623	230.005	480.787 #
26)	Chlordane-4	6.029	5.027	190.0E6	73246412	308.372	387.091 #
27)	Chlordane-5	6.867f	5.918	14925285	50485681	147.458	784.698 #

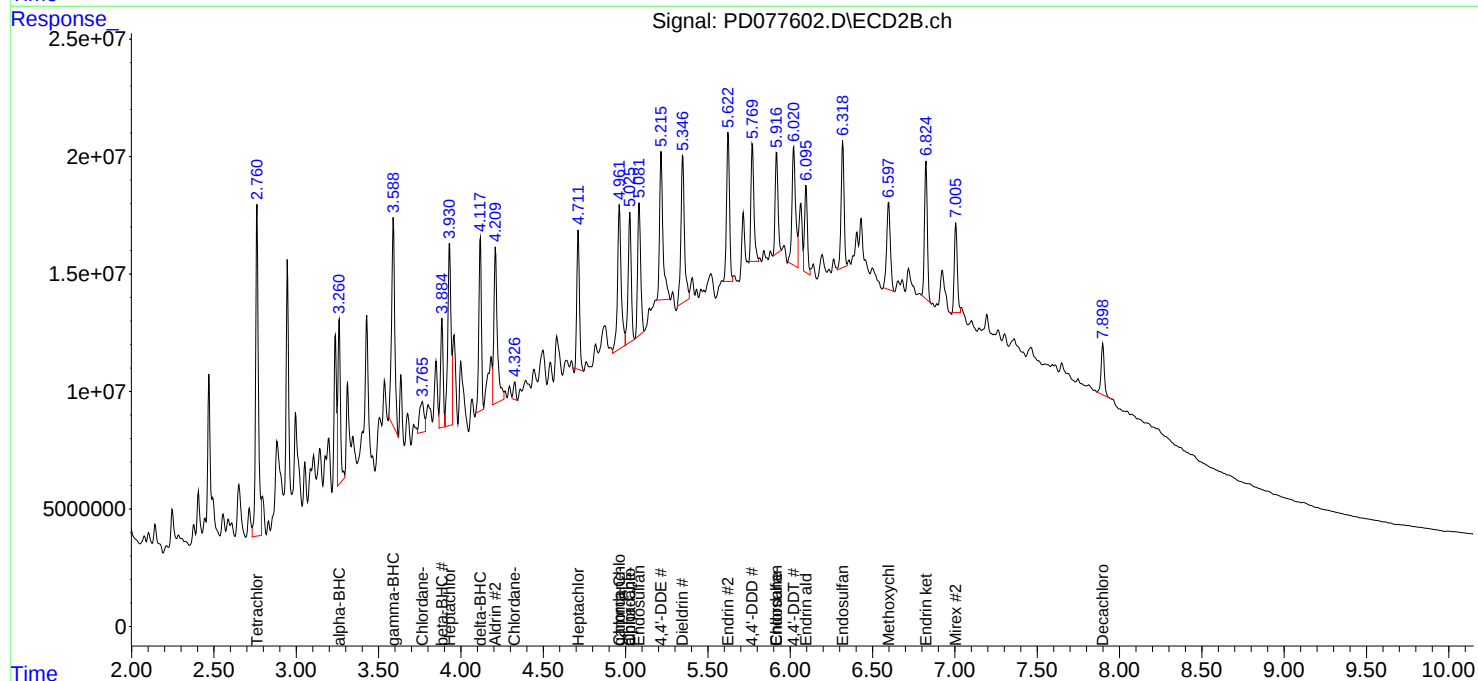
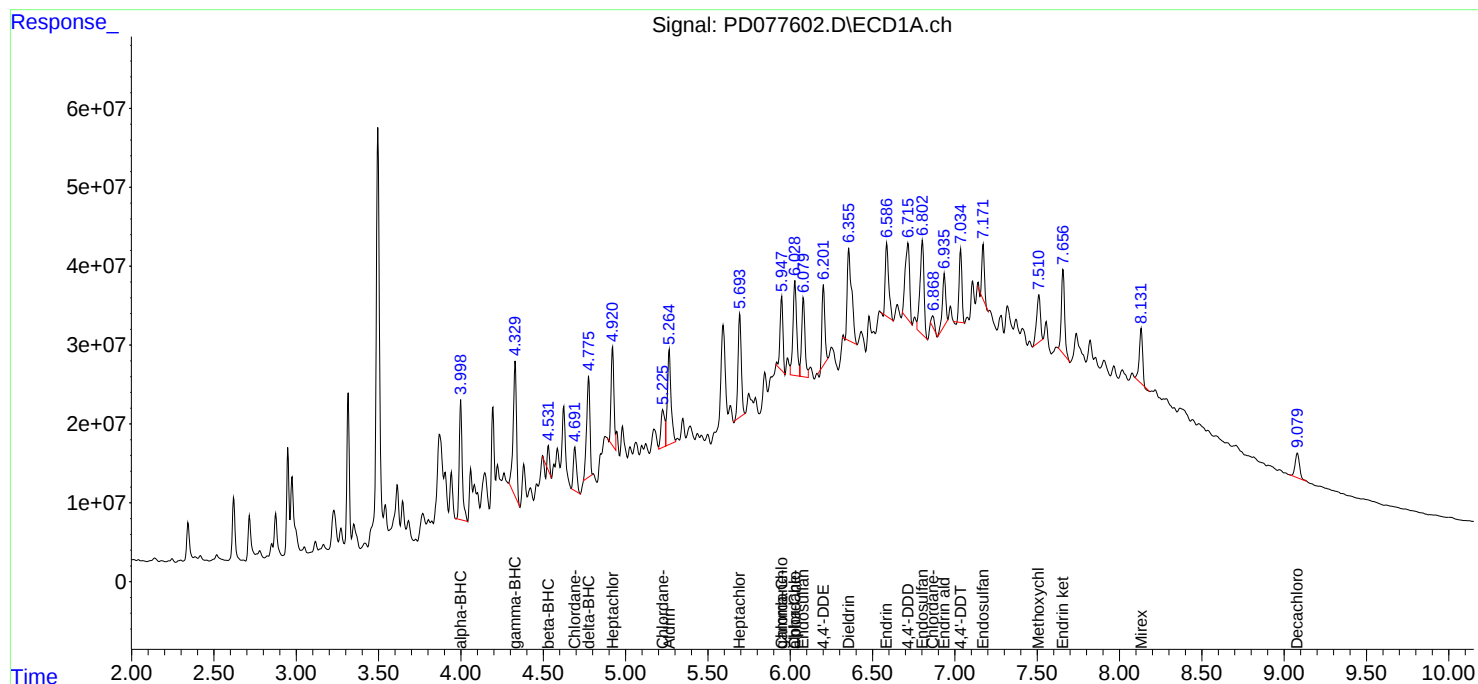
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

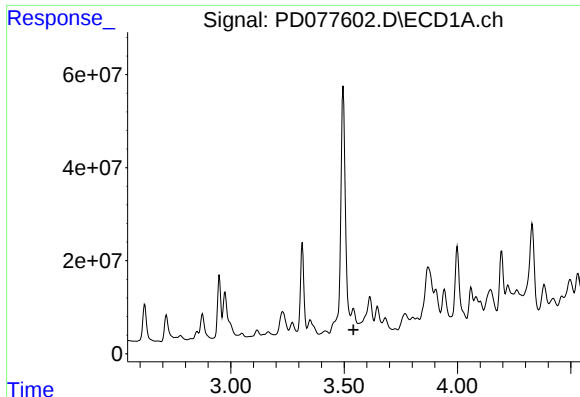
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
Data File : PD077602.D
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

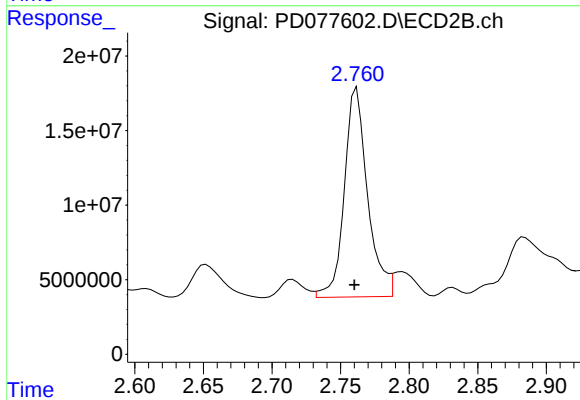




#1 Tetrachloro-m-xylene

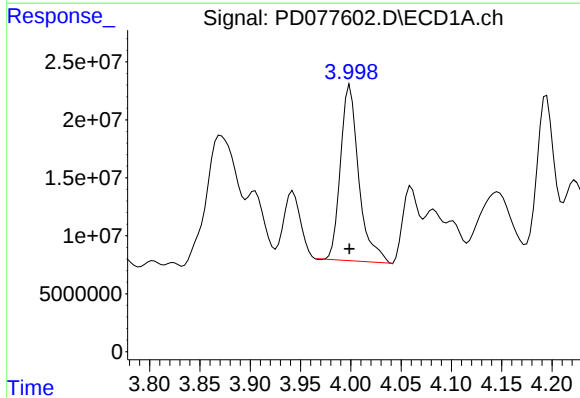
R.T.: 3.541 min
Delta R.T.: 0.000 min
Response: -27418605
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
356MS



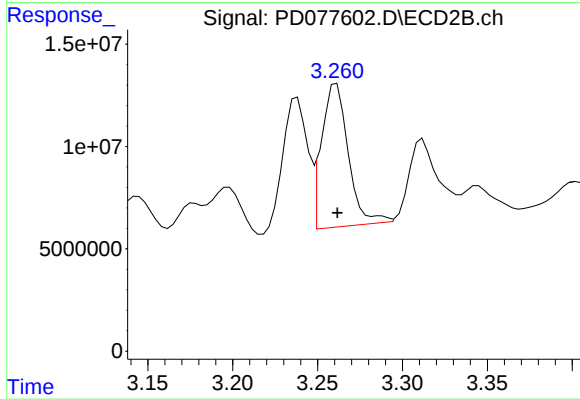
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.002 min
Response: 165502909
Conc: 104.64 ng/ml



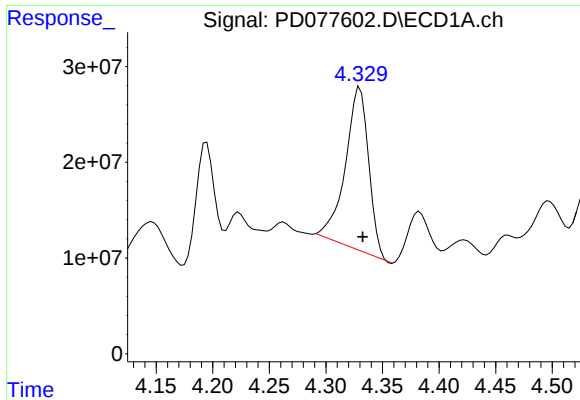
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 191560372
Conc: 46.56 ng/ml



#2 alpha-BHC

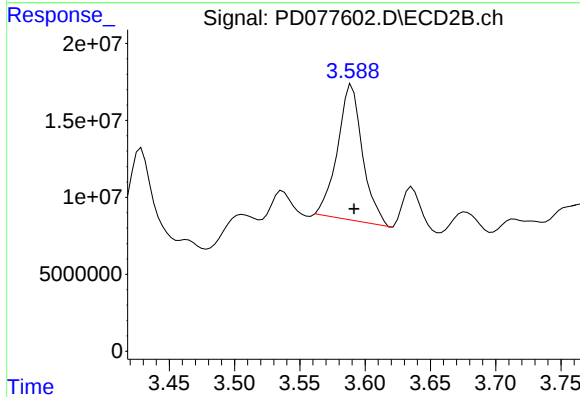
R.T.: 3.261 min
Delta R.T.: 0.000 min
Response: 76601955
Conc: 33.11 ng/ml



#3 gamma-BHC (Lindane)

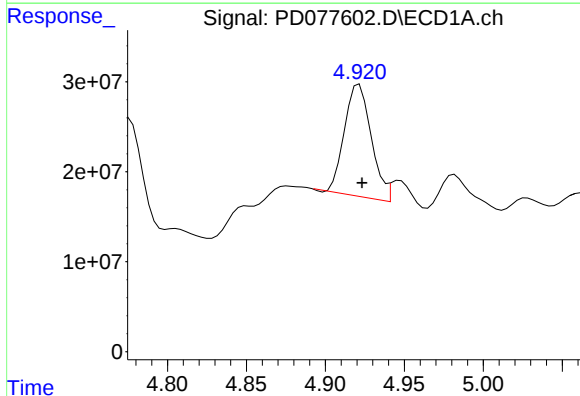
R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 244961039
Conc: 61.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MS



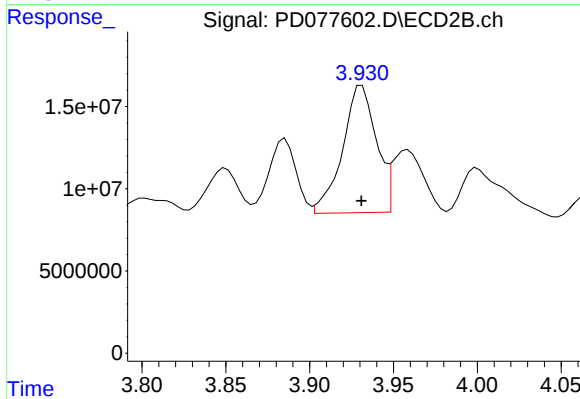
#3 gamma-BHC (Lindane)

R.T.: 3.590 min
Delta R.T.: -0.002 min
Response: 117575289
Conc: 52.60 ng/ml



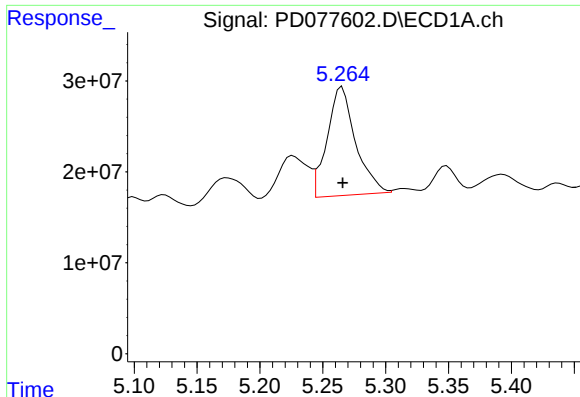
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 147466089
Conc: 37.64 ng/ml



#4 Heptachlor

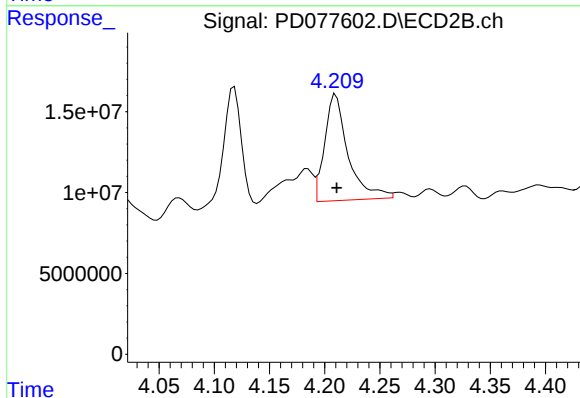
R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 108195407
Conc: 48.10 ng/ml



#5 Aldrin

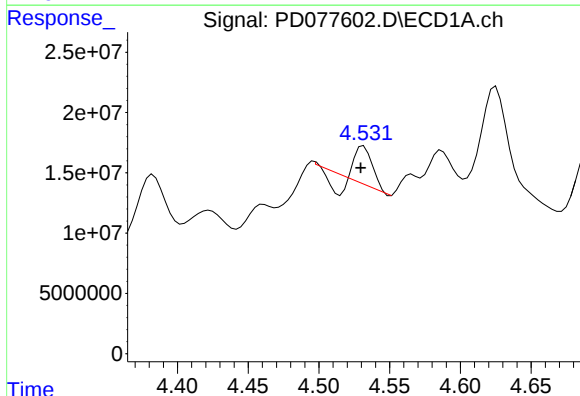
R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 188625025
Conc: 46.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MS



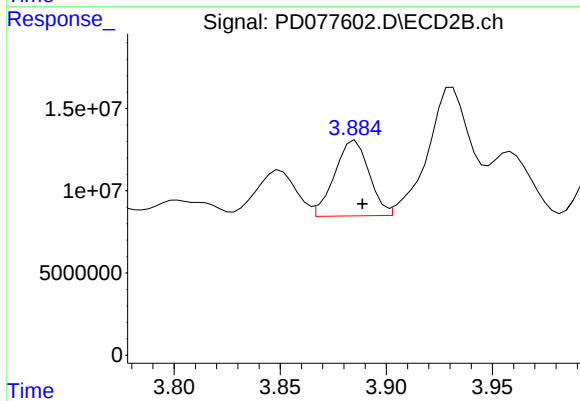
#5 Aldrin

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 97337947
Conc: 42.73 ng/ml



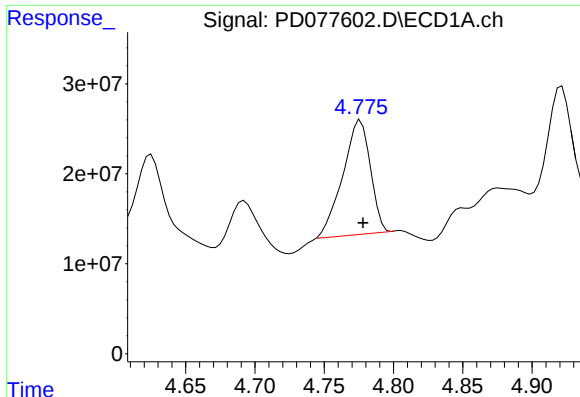
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.002 min
Response: 18560225
Conc: 11.50 ng/ml



#6 beta-BHC

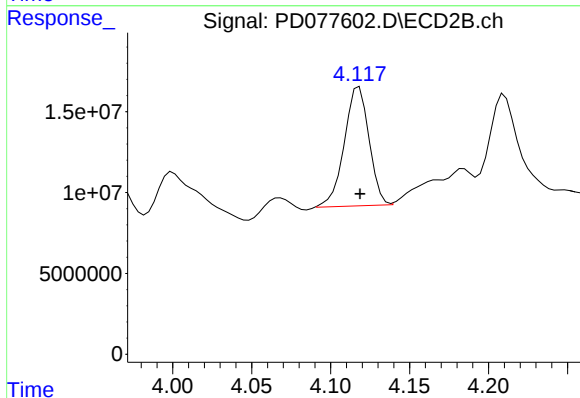
R.T.: 3.885 min
Delta R.T.: -0.003 min
Response: 51914698
Conc: 58.25 ng/ml



#7 delta-BHC

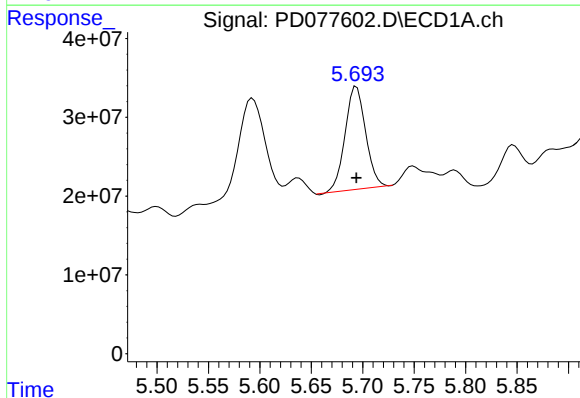
R.T.: 4.776 min
Delta R.T.: -0.002 min
Response: 175442772
Conc: 47.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MS



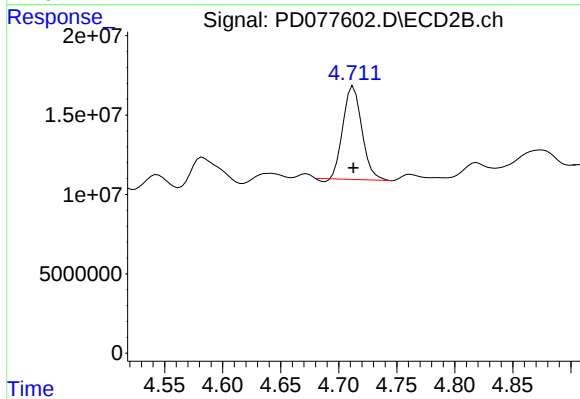
#7 delta-BHC

R.T.: 4.118 min
Delta R.T.: 0.000 min
Response: 80407775
Conc: 37.09 ng/ml



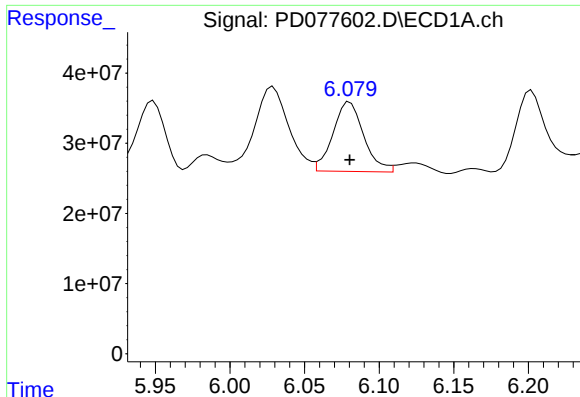
#8 Heptachlor epoxide

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 182256742
Conc: 50.97 ng/ml



#8 Heptachlor epoxide

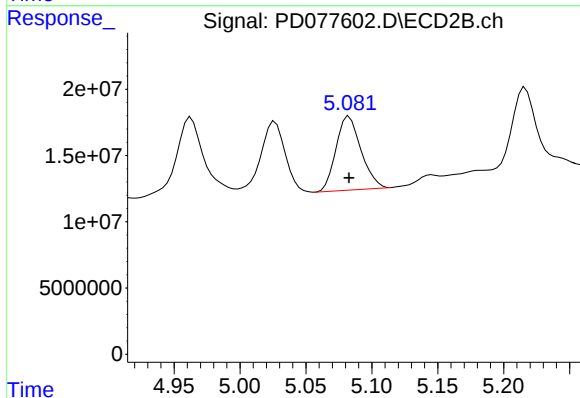
R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 66066431
Conc: 32.57 ng/ml



#9 Endosulfan I

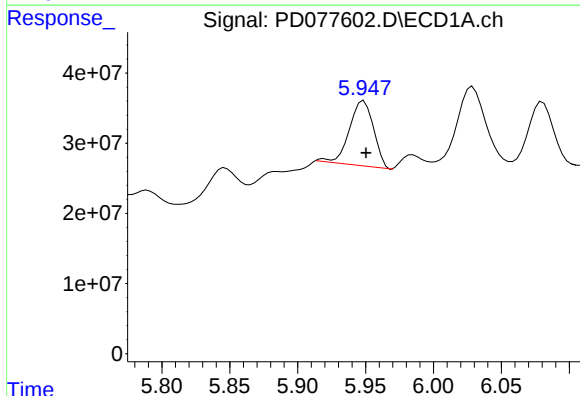
R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 143023180
Conc: 43.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MS



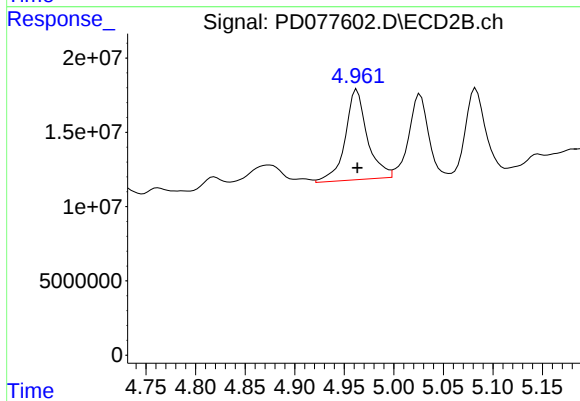
#9 Endosulfan I

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 73359994
Conc: 39.16 ng/ml



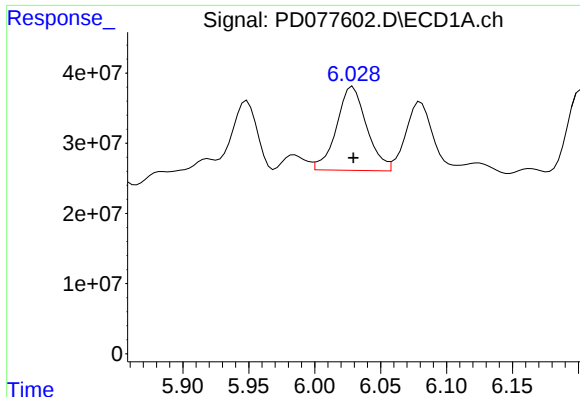
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 115550045
Conc: 32.82 ng/ml



#10 gamma-Chlordane

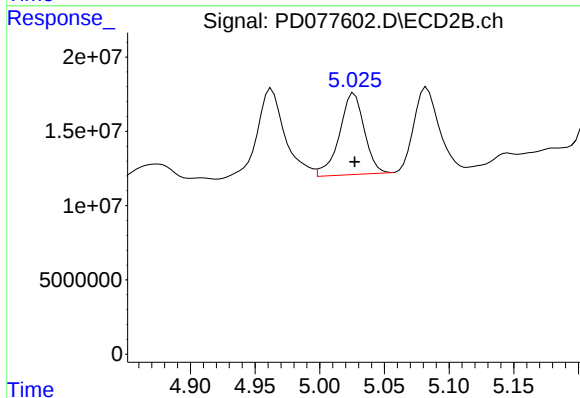
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 94331623
Conc: 46.93 ng/ml



#11 alpha-Chlordane

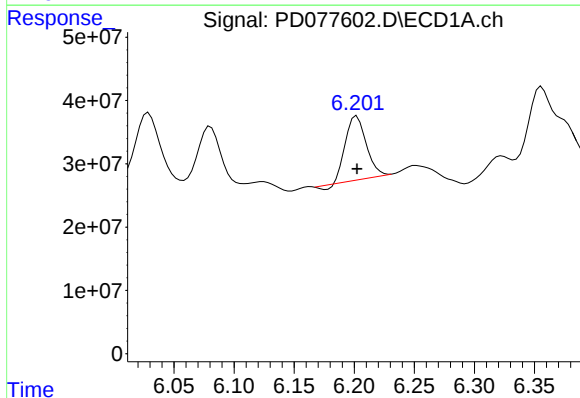
R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 189959263
Conc: 53.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MS



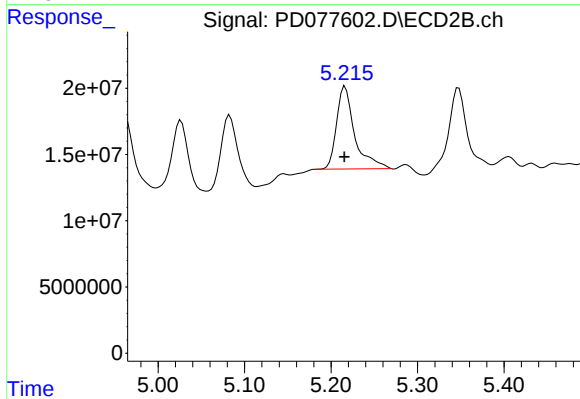
#11 alpha-Chlordane

R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 73246412
Conc: 36.36 ng/ml



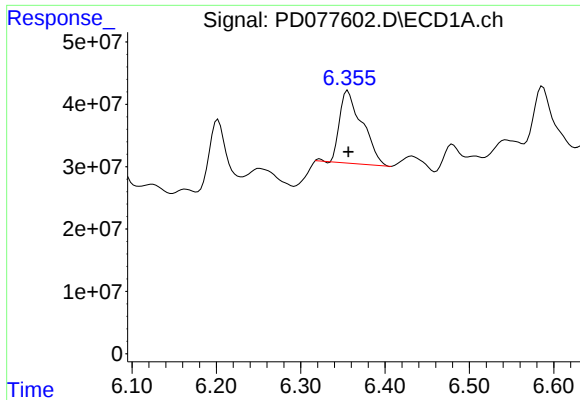
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 118395647
Conc: 36.77 ng/ml



#12 4,4'-DDE

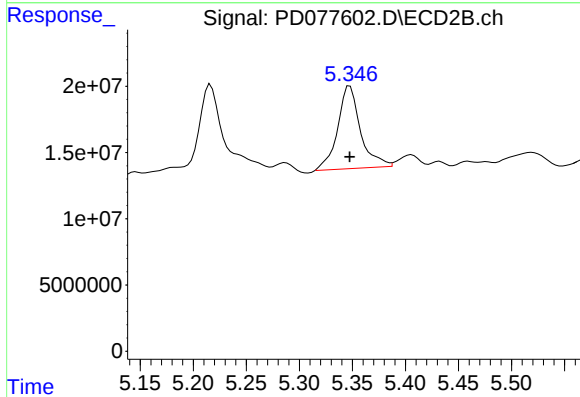
R.T.: 5.216 min
Delta R.T.: 0.000 min
Response: 90796665
Conc: 49.74 ng/ml



#13 Dieldrin

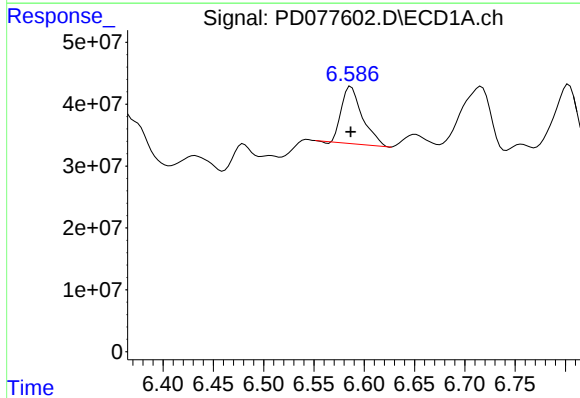
R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 217520880
Conc: 61.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MS



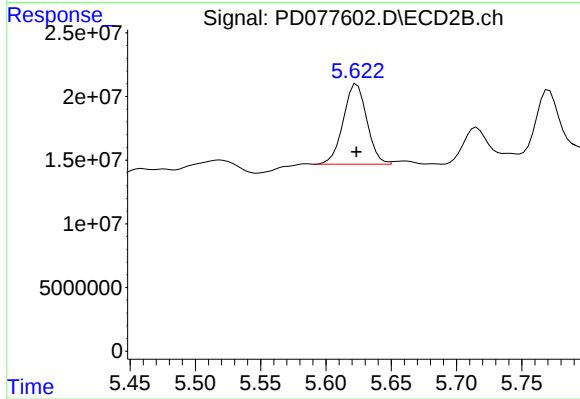
#13 Dieldrin

R.T.: 5.348 min
Delta R.T.: 0.000 min
Response: 93313564
Conc: 45.70 ng/ml



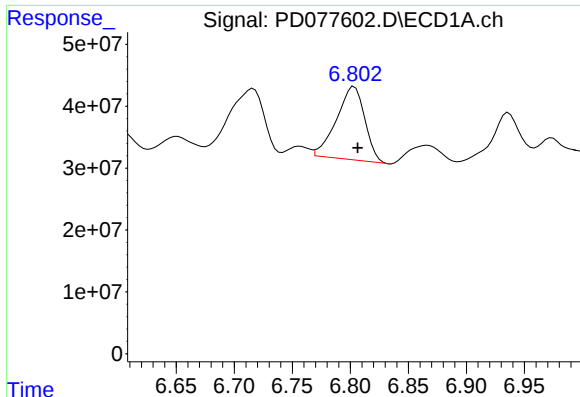
#14 Endrin

R.T.: 6.587 min
Delta R.T.: 0.000 min
Response: 133456055
Conc: 44.00 ng/ml



#14 Endrin

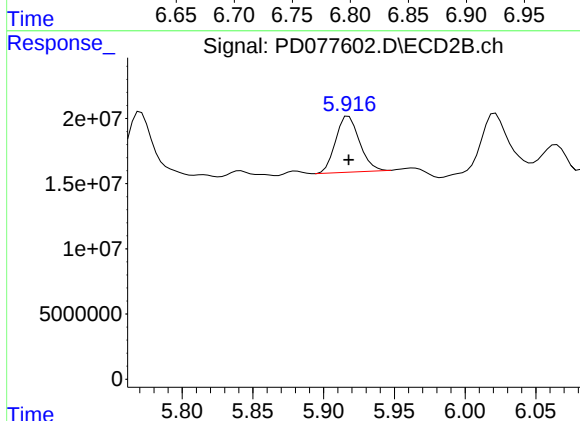
R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 79108739
Conc: 43.67 ng/ml



#15 Endosulfan II

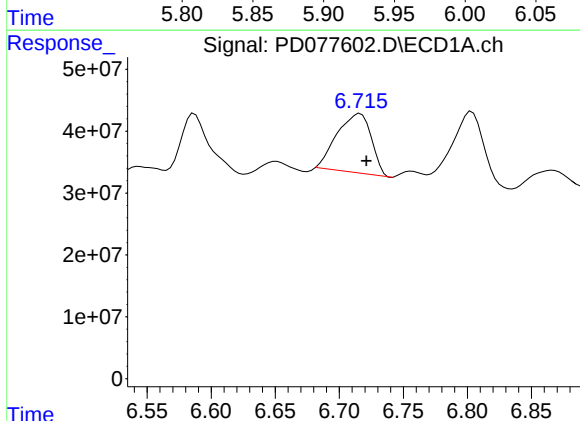
R.T.: 6.803 min
Delta R.T.: -0.003 min
Response: 201498391
Conc: 65.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MS



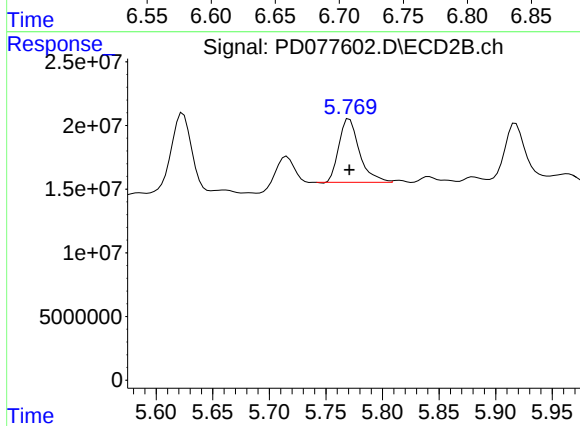
#15 Endosulfan II

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 50485681
Conc: 29.51 ng/ml



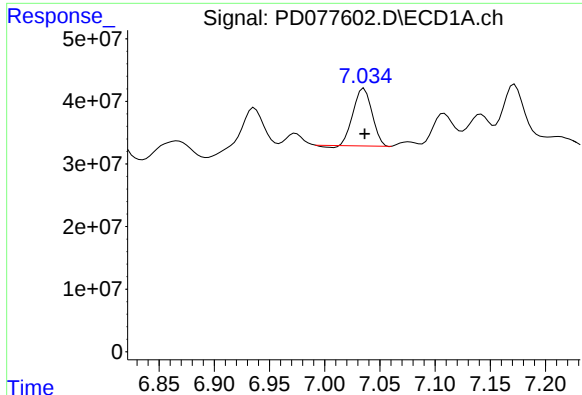
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: -0.005 min
Response: 177188077
Conc: 69.15 ng/ml



#16 4,4'-DDD

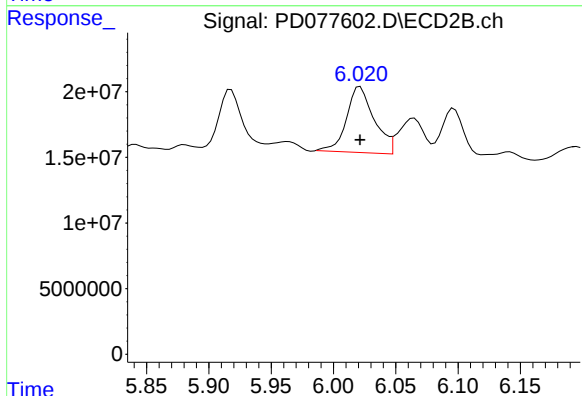
R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 62944688
Conc: 45.04 ng/ml



#17 4,4'-DDT

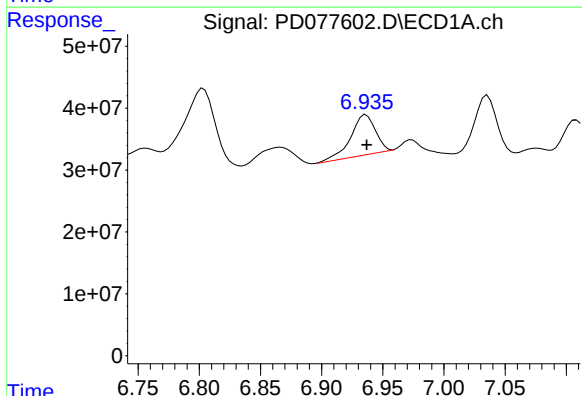
R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 108807263
Conc: 41.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MS



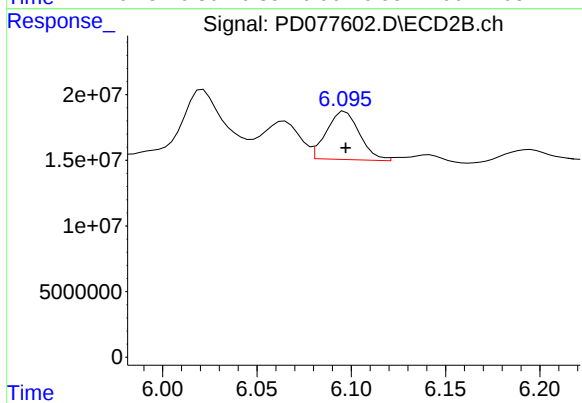
#17 4,4'-DDT

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 77691993
Conc: 54.99 ng/ml



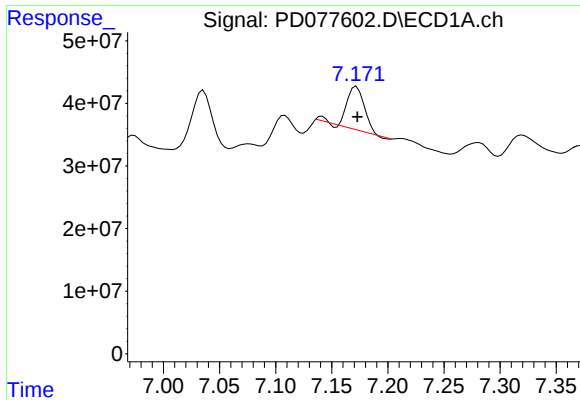
#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 90932378
Conc: 38.26 ng/ml



#18 Endrin aldehyde

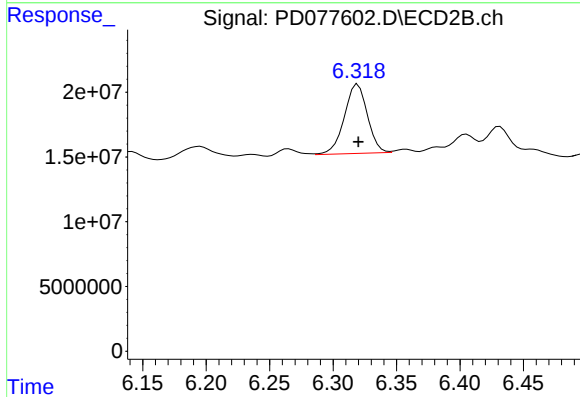
R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 44967149
Conc: 33.31 ng/ml



#19 Endosulfan Sulfate

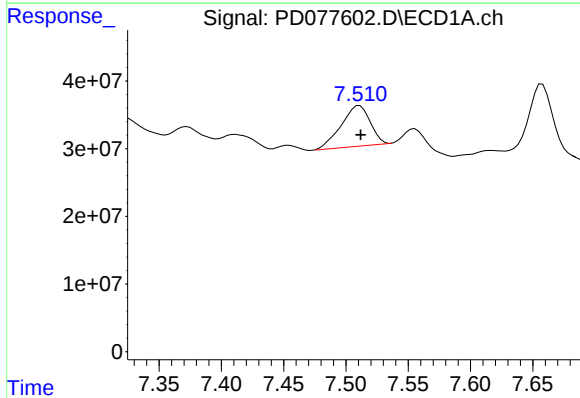
R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 74263081
Conc: 26.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MS



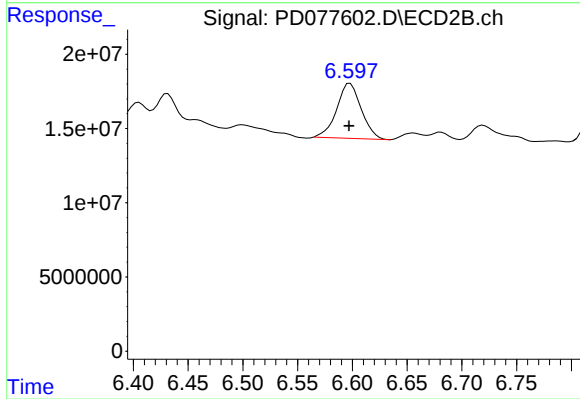
#19 Endosulfan Sulfate

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 67503676
Conc: 42.16 ng/ml



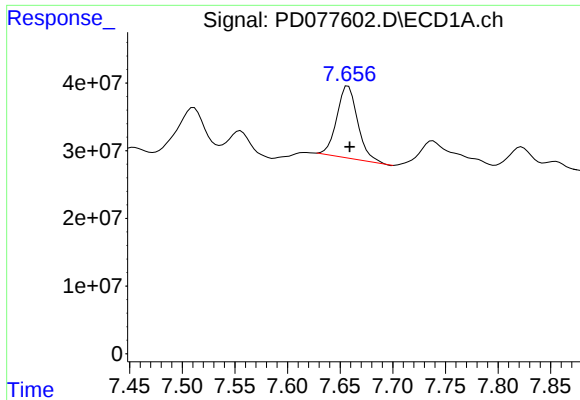
#20 Methoxychlor

R.T.: 7.511 min
Delta R.T.: -0.001 min
Response: 97386343
Conc: 62.96 ng/ml



#20 Methoxychlor

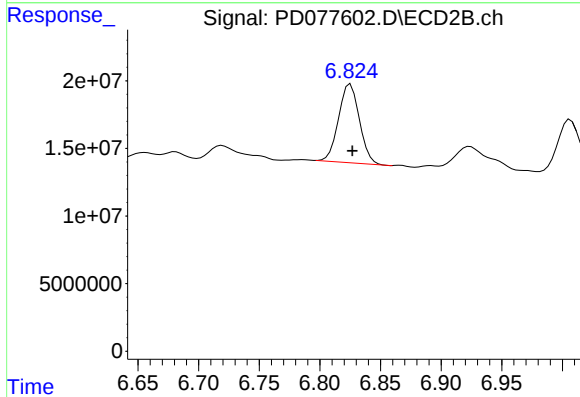
R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 57594319
Conc: 74.39 ng/ml



#21 Endrin ketone

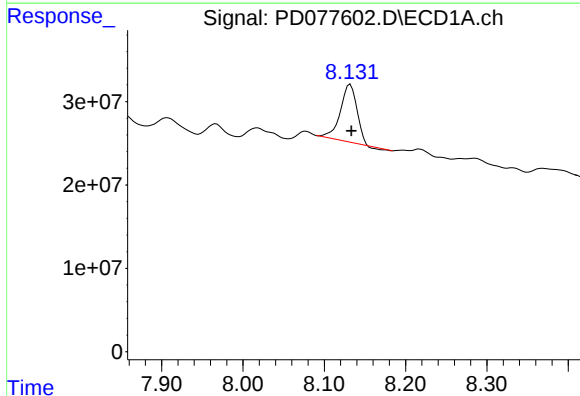
R.T.: 7.658 min
Delta R.T.: -0.001 min
Response: 148705522
Conc: 45.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MS



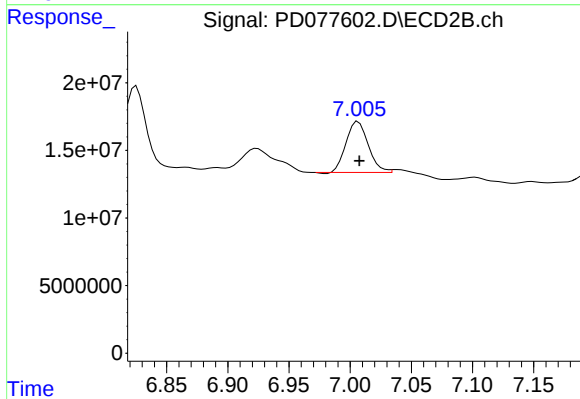
#21 Endrin ketone

R.T.: 6.825 min
Delta R.T.: -0.001 min
Response: 69721065
Conc: 36.87 ng/ml



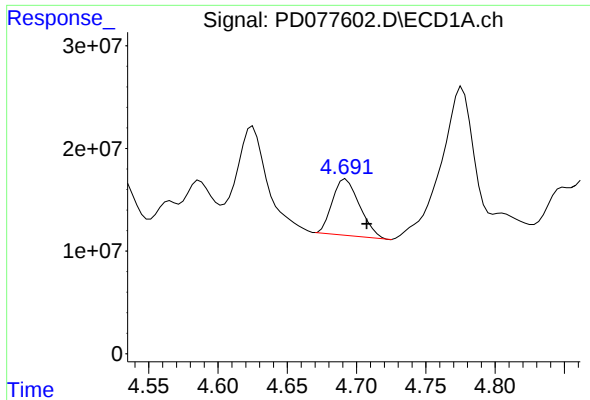
#22 Mirex

R.T.: 8.132 min
Delta R.T.: -0.001 min
Response: 96860181
Conc: 40.27 ng/ml



#22 Mirex

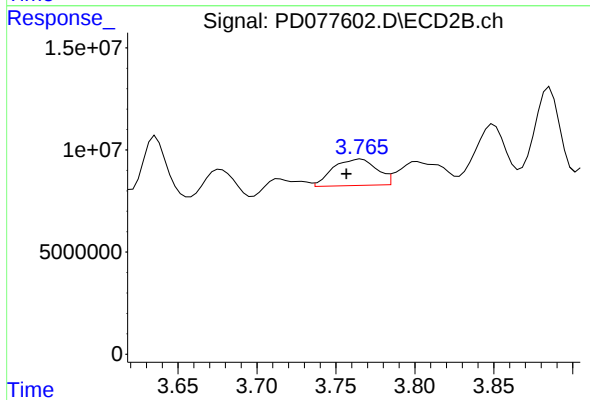
R.T.: 7.007 min
Delta R.T.: -0.001 min
Response: 47512550
Conc: 31.03 ng/ml



#23 Chlordane-1

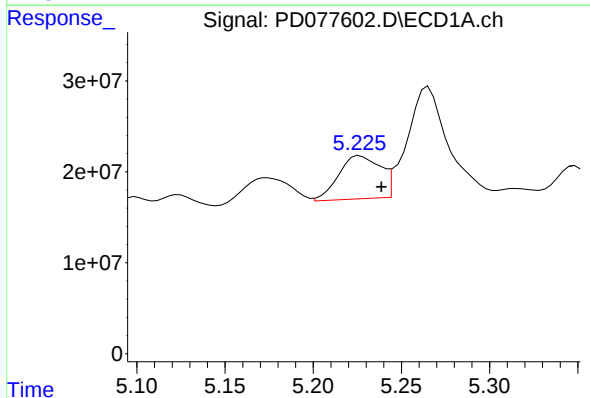
R.T.: 4.692 min
Delta R.T.: -0.015 min
Response: 75065762
Conc: 642.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MS



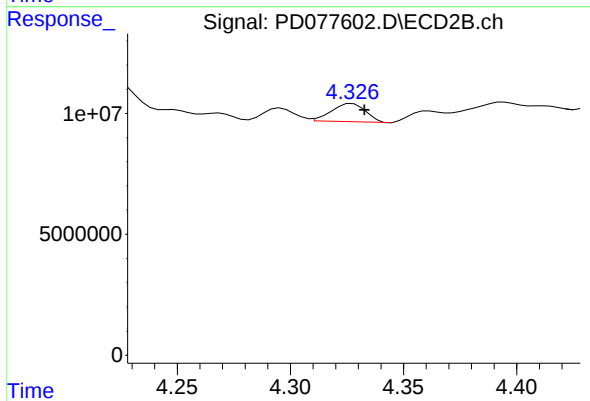
#23 Chlordane-1

R.T.: 3.766 min
Delta R.T.: 0.009 min
Response: 24815035
Conc: 435.76 ng/ml



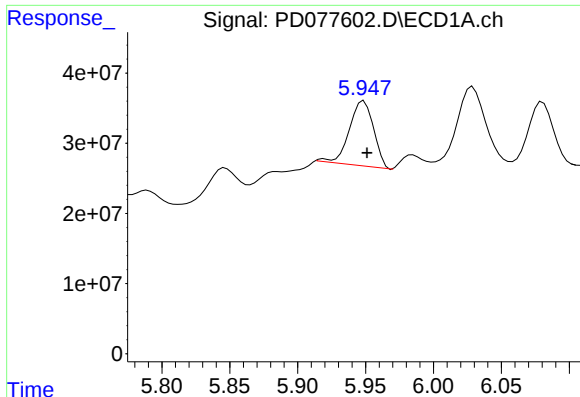
#24 Chlordane-2

R.T.: 5.226 min
Delta R.T.: -0.012 min
Response: 77882793
Conc: 610.21 ng/ml



#24 Chlordane-2

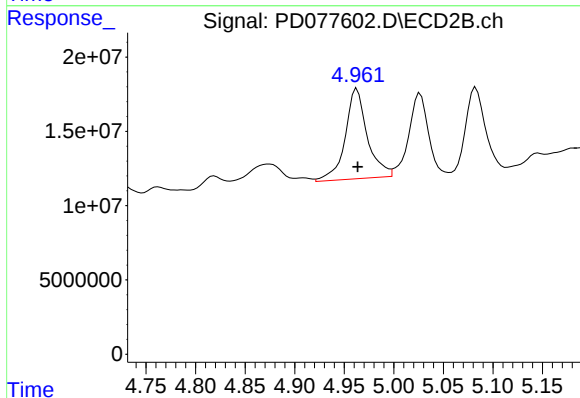
R.T.: 4.327 min
Delta R.T.: -0.005 min
Response: 7875993
Conc: 123.66 ng/ml



#25 Chlordane-3

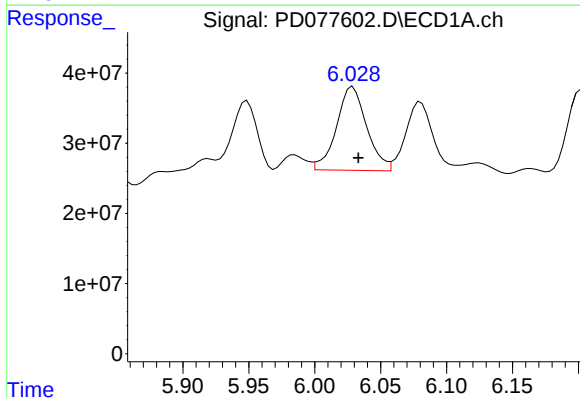
R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 115550045
Conc: 230.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MS



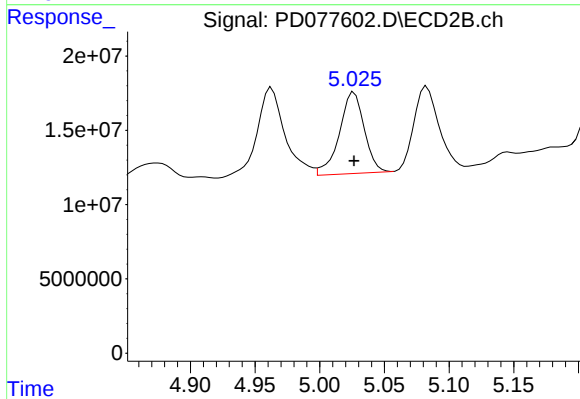
#25 Chlordane-3

R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 94331623
Conc: 480.79 ng/ml



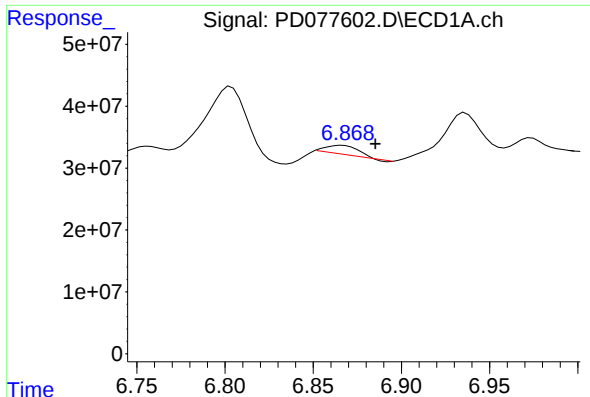
#26 Chlordane-4

R.T.: 6.029 min
Delta R.T.: -0.004 min
Response: 189959263
Conc: 308.37 ng/ml



#26 Chlordane-4

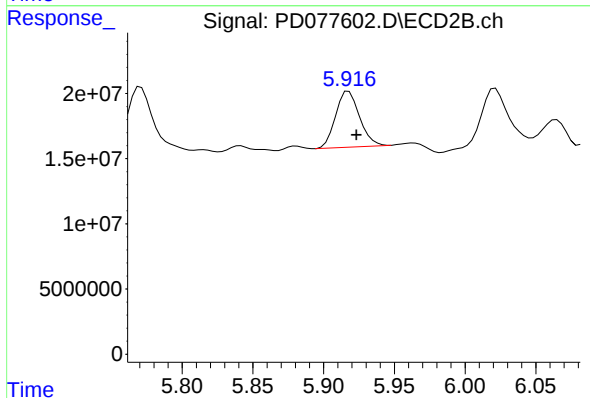
R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 73246412
Conc: 387.09 ng/ml



#27 Chlordane-5

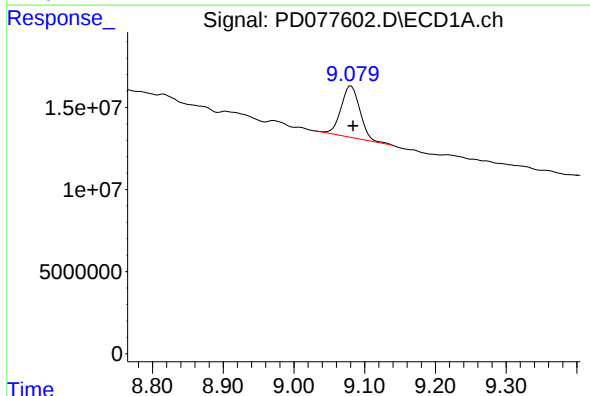
R.T.: 6.867 min
Delta R.T.: -0.019 min
Response: 14925285
Conc: 147.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
356MS



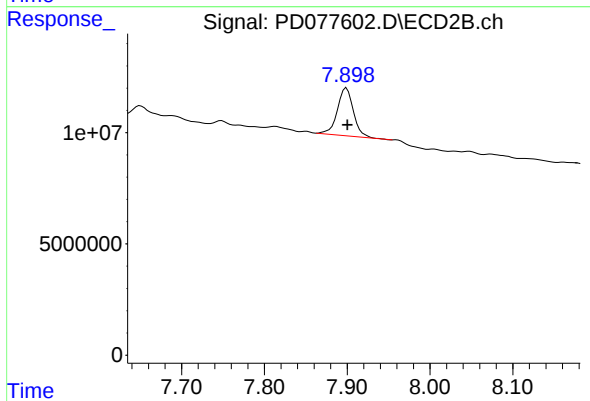
#27 Chlordane-5

R.T.: 5.918 min
Delta R.T.: -0.005 min
Response: 50485681
Conc: 784.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: -0.003 min
Response: 57301053
Conc: 18.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: -0.001 min
Response: 29047991
Conc: 16.83 ng/ml