

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060721\
 Data File : PD063603.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jun 2021 05:19
 Operator : AR\AJ
 Sample : M2589-20RE
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 18-B12(4-6)RE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 08:06:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060221.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 03 01:33:41 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.440	3.970	16392982	92956116	11.847	6.938 #
28)	SA Decachlor...	8.195	9.026	15371797	128.5E6	9.774	9.297
Target Compounds							
3)	MA gamma-BHC...	0.000	4.644	0	37276328	N.D.	1.965 #
4)	MA Heptachlor	4.466	5.173f	20020209	-37879513	10.311	N.D. #
5)	MB Aldrin	4.711	5.478f	892089	39770423	0.472	2.045 #
6)	B beta-BHC	0.000	4.834f	0	59856131	N.D.	7.602 #
7)	B delta-BHC	4.625	5.040	7850072	6496919	4.003	N.D. #
8)	B Heptachlo...	5.169f	5.831	6207317	83087058	3.542	4.545 #
9)	A Endosulfan I	5.511f	0.000	1929612	0	1.171	N.D. #
10)	B gamma-Chl...	5.375	6.074	15822300	177.3E6	8.860	9.546
11)	B alpha-Chl...	5.436	6.148	16715916	283.0E6	9.453	15.918 #
12)	B 4,4'-DDE	5.599	6.303	55055103	444.6E6	31.664	24.464
13)	MA Dieldrin	5.726	6.446	13513475	21534570	7.694	1.190 #
14)	MA Endrin	5.987	6.664	-2238342	71551650	N.D.	4.655
15)	B Endosulfa...	6.249	6.867	4686904	7391820	3.343	0.501 #
16)	A 4,4'-DDD	6.115	6.797	6924461	127.6E6	4.775	8.579 #
17)	MA 4,4'-DDT	6.354	7.093	10689100	4224699	7.399	0.281 #
18)	B Endrin al...	6.448f	7.020f	1733937	11125656	1.457	0.918 #
19)	B Endosulfa...	6.642	7.199f	3009004	1970824	2.354	0.130 #
20)	A Methoxychlor	6.888	7.535f	6860048	295463	8.601	0.040 #
21)	B Endrin ke...	7.165f	0.000	2302115	0	1.298	N.D. #
22)	Mirex	0.000	8.178f	0	6522052	N.D.	0.652 #
23)	Chlordane-1	4.307	4.962	9325054	115.6E6	192.095	199.856
24)	Chlordane-2	4.809	5.428	7036408	23039111	120.647	41.180 #
25)	Chlordane-3	5.375	6.074	15822300	177.3E6	93.024	71.780
26)	Chlordane-4	5.436	6.148	16715916	283.0E6	119.929	99.010
27)	Chlordane-5	6.249f	6.974f	4686904	6169259	84.667	11.807 #

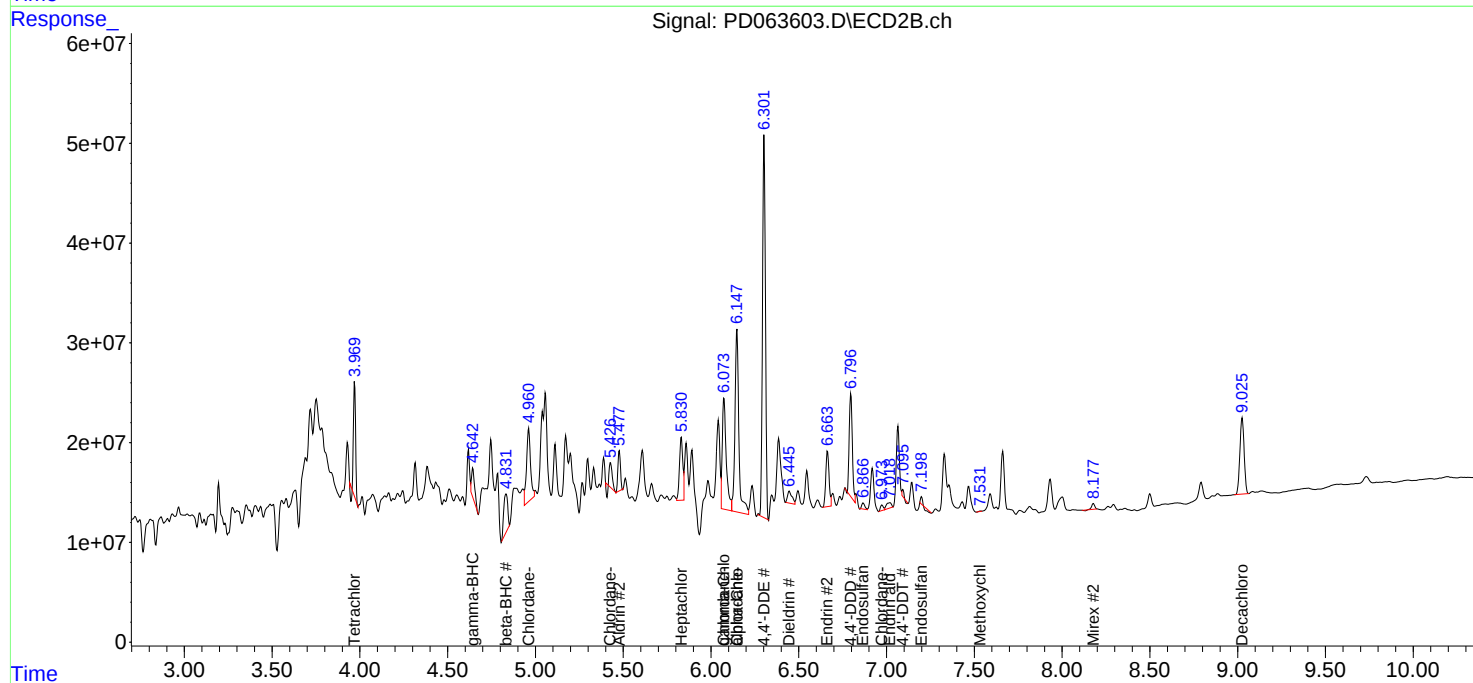
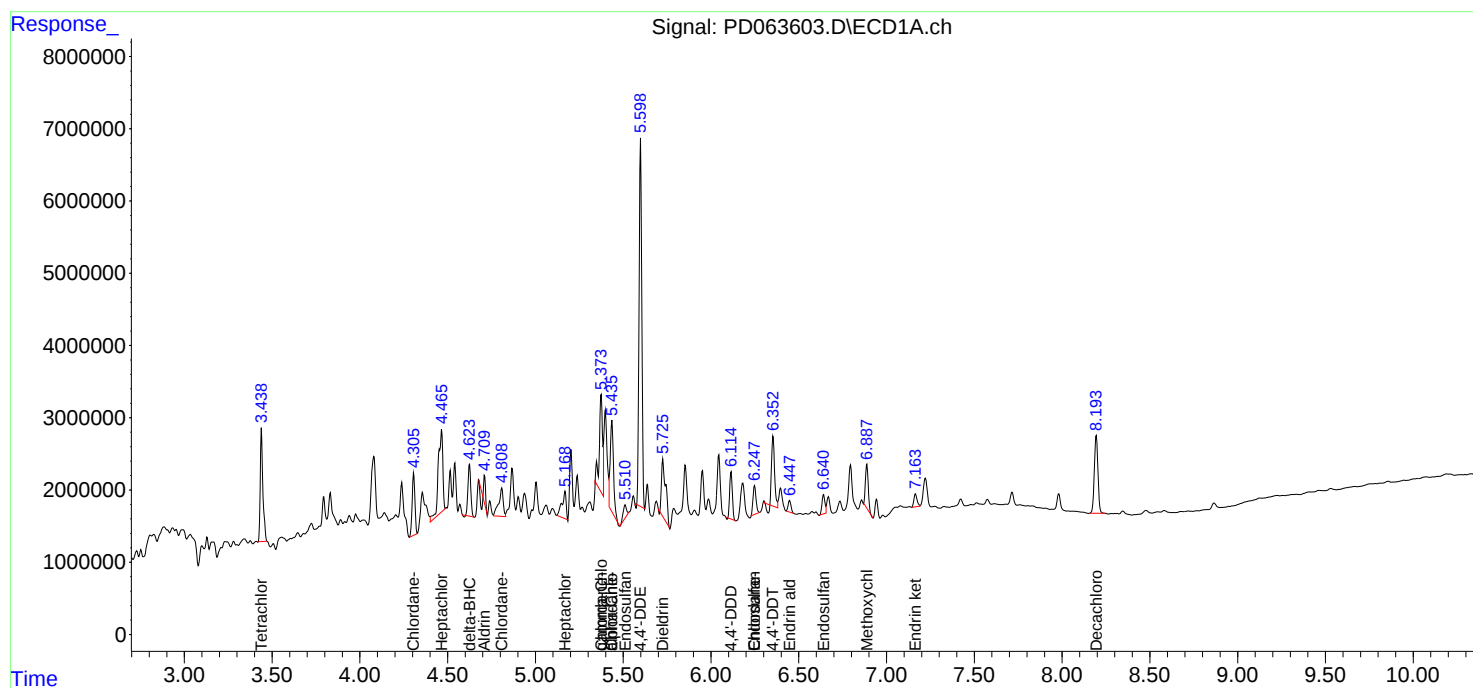
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

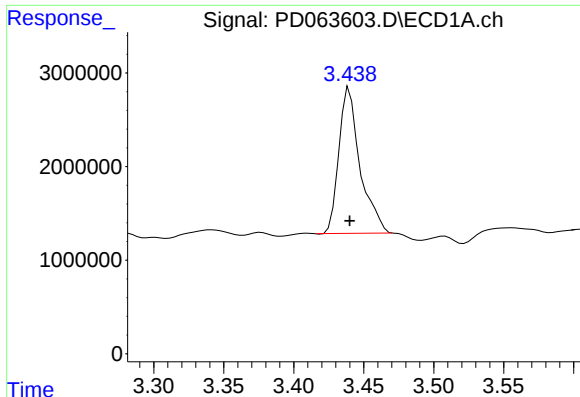
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060721\
 Data File : PD063603.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jun 2021 05:19
 Operator : AR\AJ
 Sample : M2589-20RE
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampled :
 18-B12(4-6)RE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 08:06:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060221.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 03 01:33:41 2021
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

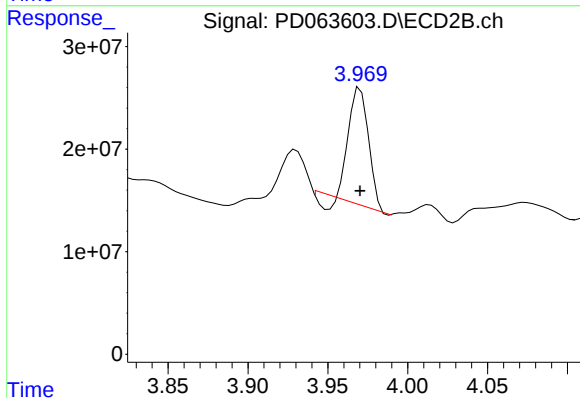




#1 Tetrachloro-m-xylene

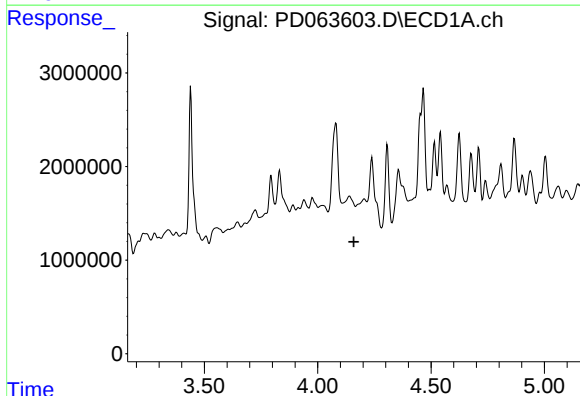
R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 16392982
Conc: 11.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(4-6)RE



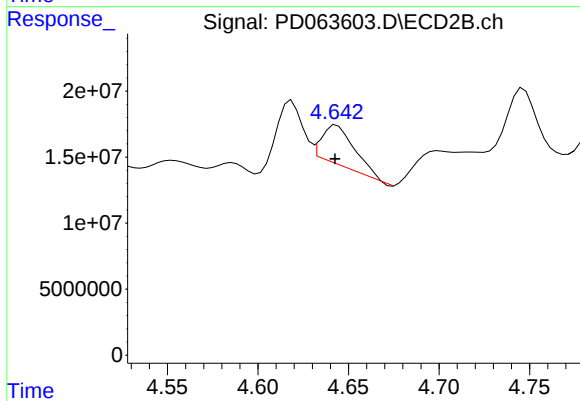
#1 Tetrachloro-m-xylene

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 92956116
Conc: 6.94 ng/ml



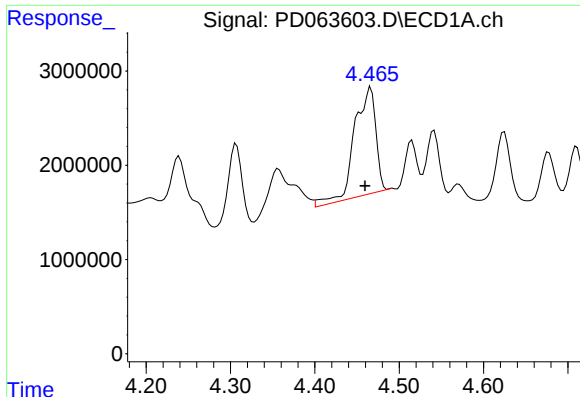
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T. : 4.159 min
Response: 0
Conc: N.D.



#3 gamma-BHC (Lindane)

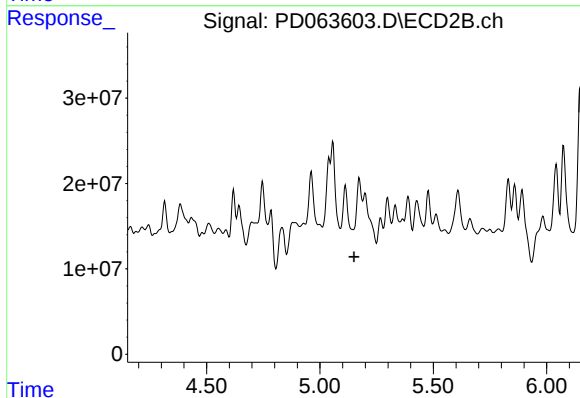
R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 37276328
Conc: 1.97 ng/ml



#4 Heptachlor

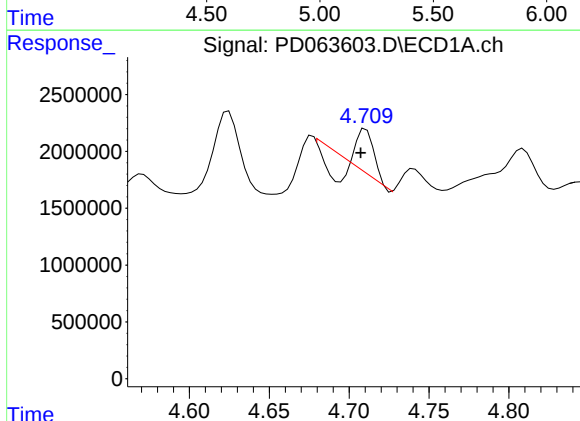
R.T.: 4.466 min
Delta R.T.: 0.007 min
Response: 20020209
Conc: 10.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(4-6)RE



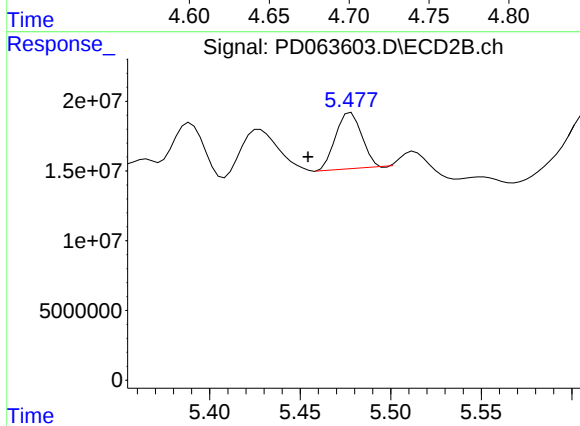
#4 Heptachlor

R.T.: 5.173 min
Delta R.T.: 0.023 min
Response: -37879513
Conc: N.D.



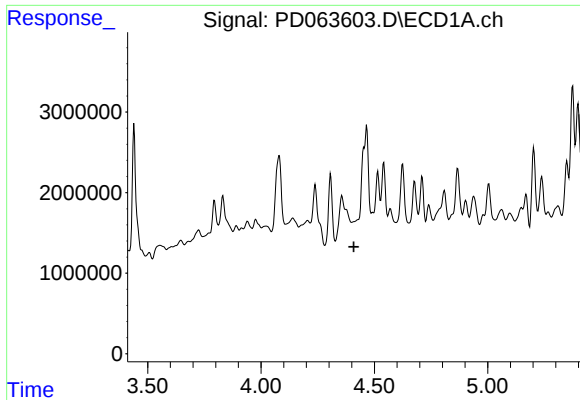
#5 Aldrin

R.T.: 4.711 min
Delta R.T.: 0.003 min
Response: 892089
Conc: 0.47 ng/ml



#5 Aldrin

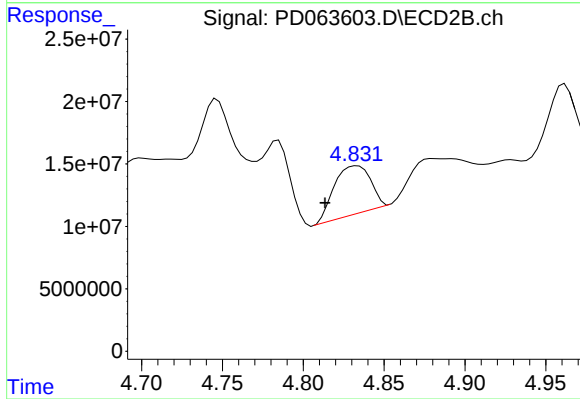
R.T.: 5.478 min
Delta R.T.: 0.024 min
Response: 39770423
Conc: 2.05 ng/ml



#6 beta-BHC

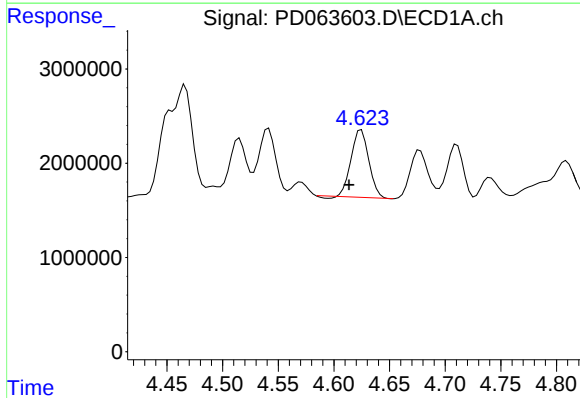
R.T.: 0.000 min
Exp R.T.: 4.410 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
18-B12(4-6)RE



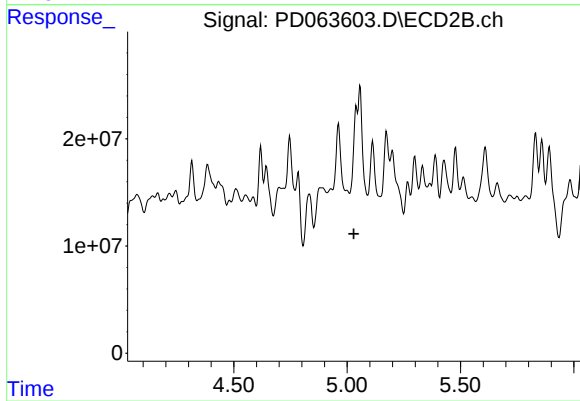
#6 beta-BHC

R.T.: 4.834 min
Delta R.T.: 0.020 min
Response: 59856131
Conc: 7.60 ng/ml



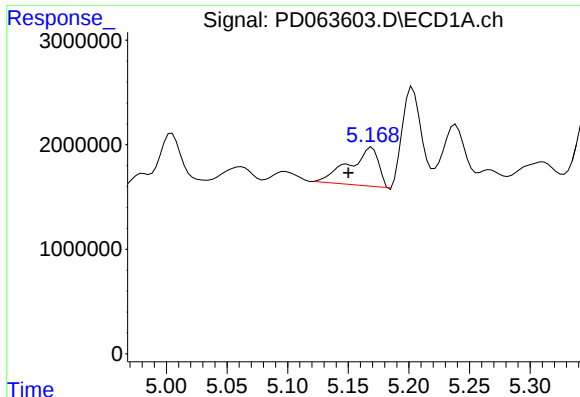
#7 delta-BHC

R.T.: 4.625 min
Delta R.T.: 0.011 min
Response: 7850072
Conc: 4.00 ng/ml



#7 delta-BHC

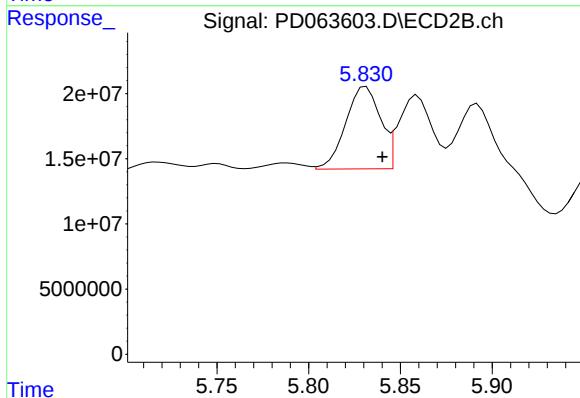
R.T.: 5.040 min
Delta R.T.: 0.010 min
Response: 6496919
Conc: N.D.



#8 Heptachlor epoxide

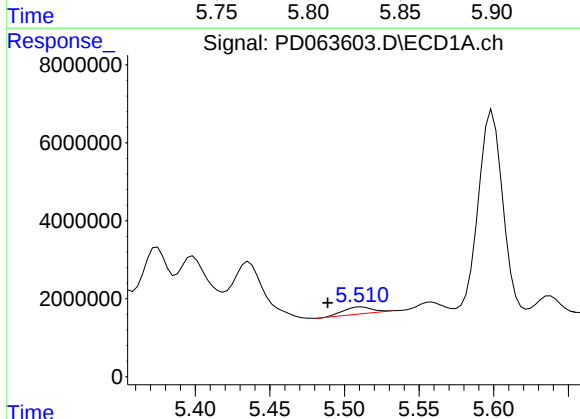
R.T.: 5.169 min
Delta R.T.: 0.019 min
Response: 6207317
Conc: 3.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(4-6)RE



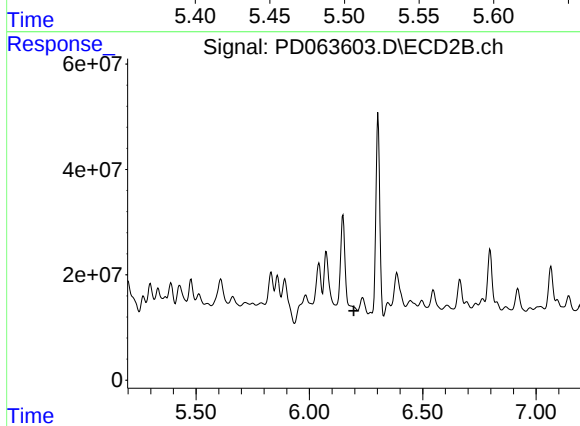
#8 Heptachlor epoxide

R.T.: 5.831 min
Delta R.T.: -0.009 min
Response: 83087058
Conc: 4.55 ng/ml



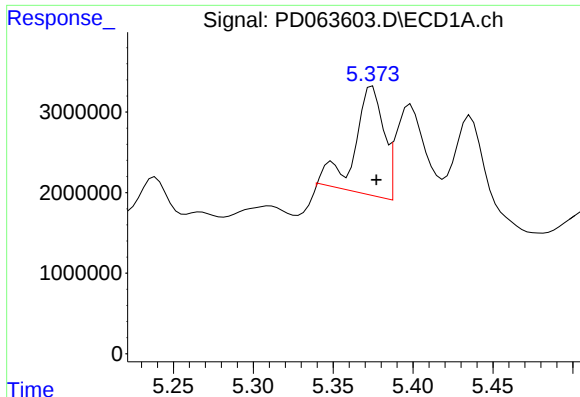
#9 Endosulfan I

R.T.: 5.511 min
Delta R.T.: 0.023 min
Response: 1929612
Conc: 1.17 ng/ml



#9 Endosulfan I

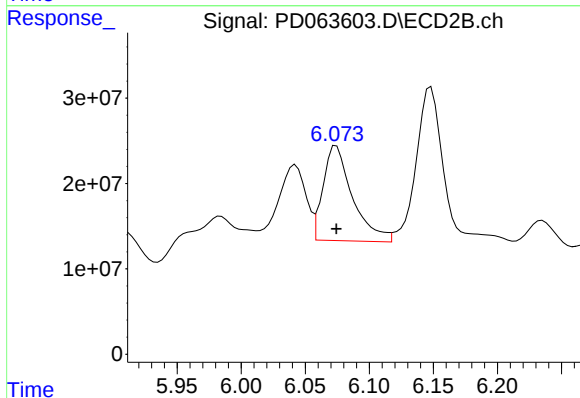
R.T.: 0.000 min
Exp R.T.: 6.196 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

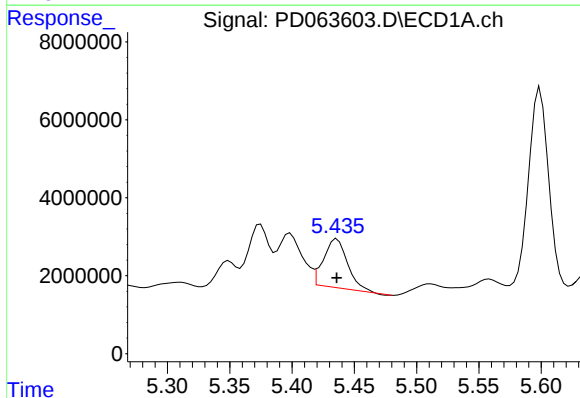
R.T.: 5.375 min
Delta R.T.: -0.002 min
Response: 15822300
Conc: 8.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(4-6)RE



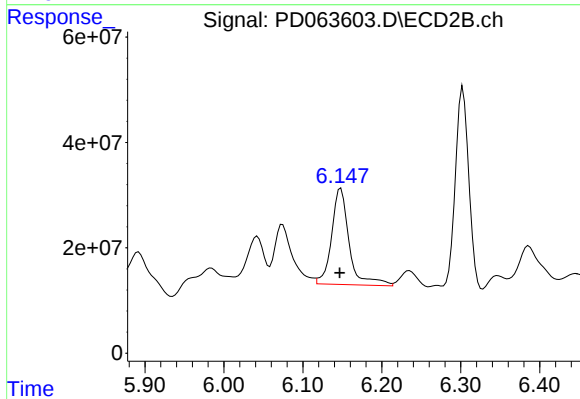
#10 gamma-Chlordane

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 177339455
Conc: 9.55 ng/ml



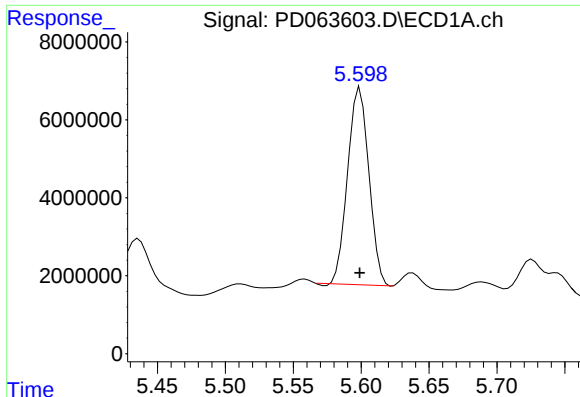
#11 alpha-Chlordane

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 16715916
Conc: 9.45 ng/ml



#11 alpha-Chlordane

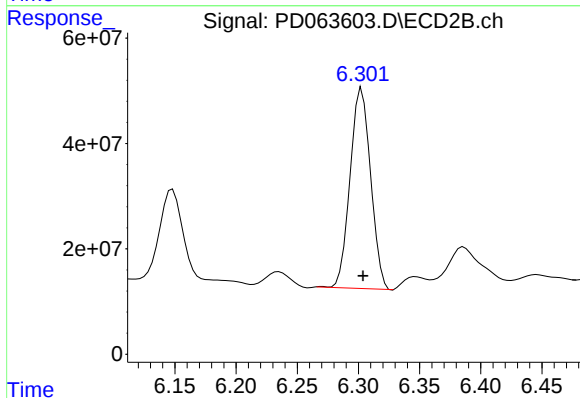
R.T.: 6.148 min
Delta R.T.: 0.001 min
Response: 283001388
Conc: 15.92 ng/ml



#12 4,4'-DDE

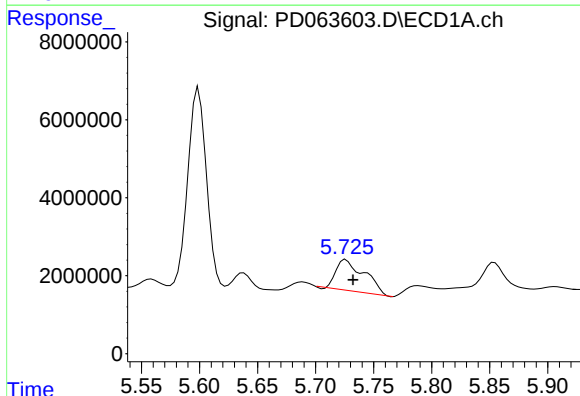
R.T.: 5.599 min
Delta R.T.: 0.000 min
Response: 55055103
Conc: 31.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(4-6)RE



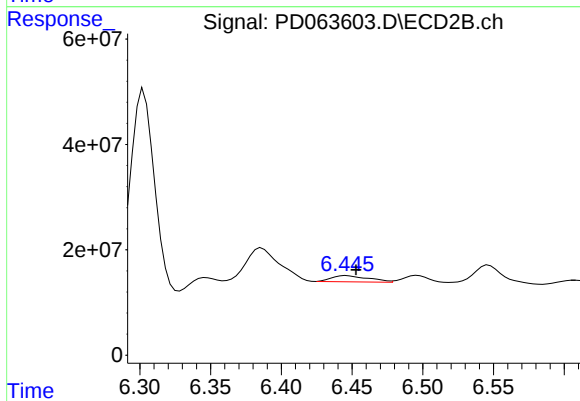
#12 4,4'-DDE

R.T.: 6.303 min
Delta R.T.: -0.001 min
Response: 444574984
Conc: 24.46 ng/ml



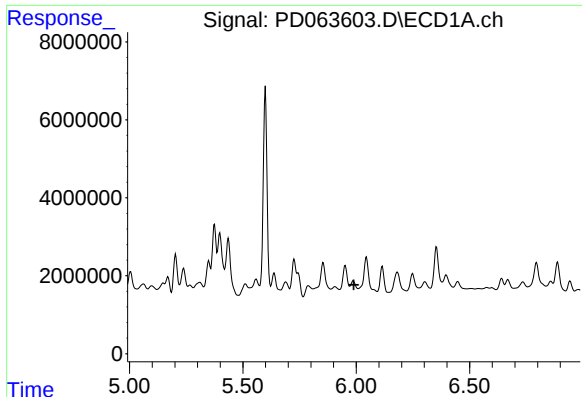
#13 Dieldrin

R.T.: 5.726 min
Delta R.T.: -0.006 min
Response: 13513475
Conc: 7.69 ng/ml



#13 Dieldrin

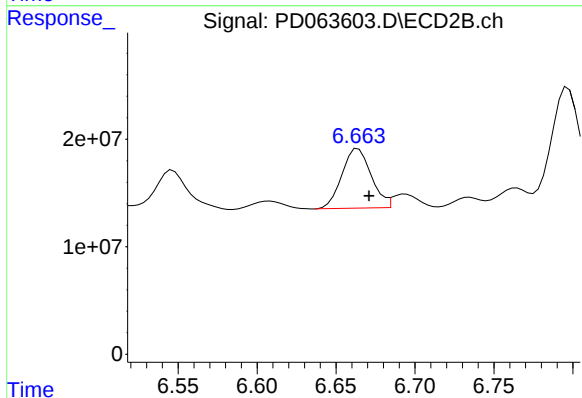
R.T.: 6.446 min
Delta R.T.: -0.007 min
Response: 21534570
Conc: 1.19 ng/ml



#14 Endrin

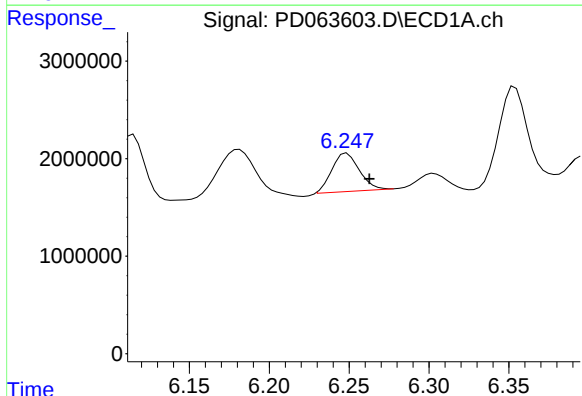
R.T.: 5.987 min
Delta R.T.: -0.003 min
Response: -2238342
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
18-B12(4-6)RE



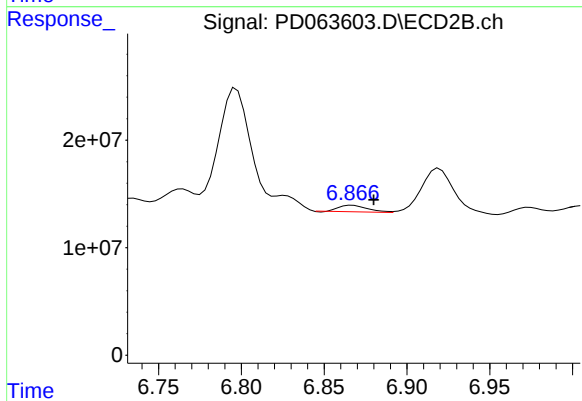
#14 Endrin

R.T.: 6.664 min
Delta R.T.: -0.007 min
Response: 71551650
Conc: 4.66 ng/ml



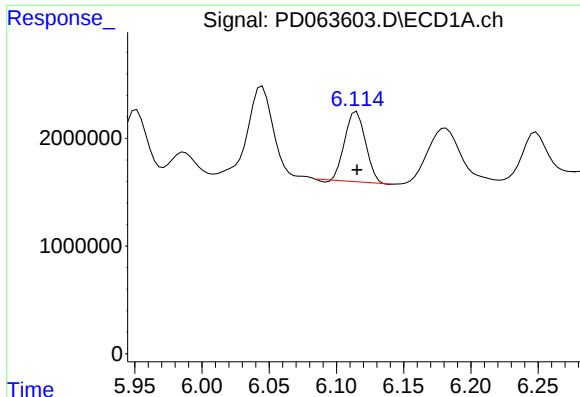
#15 Endosulfan II

R.T.: 6.249 min
Delta R.T.: -0.014 min
Response: 4686904
Conc: 3.34 ng/ml



#15 Endosulfan II

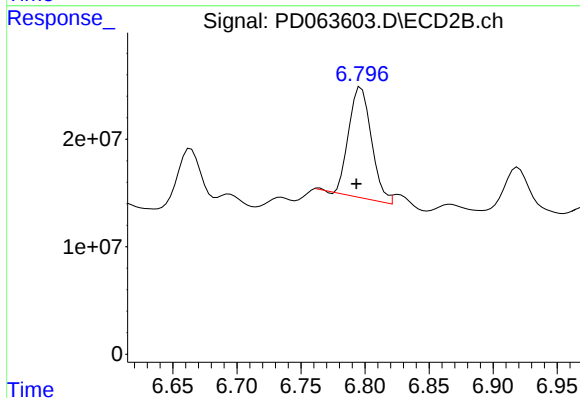
R.T.: 6.867 min
Delta R.T.: -0.013 min
Response: 7391820
Conc: 0.50 ng/ml



#16 4,4'-DDD

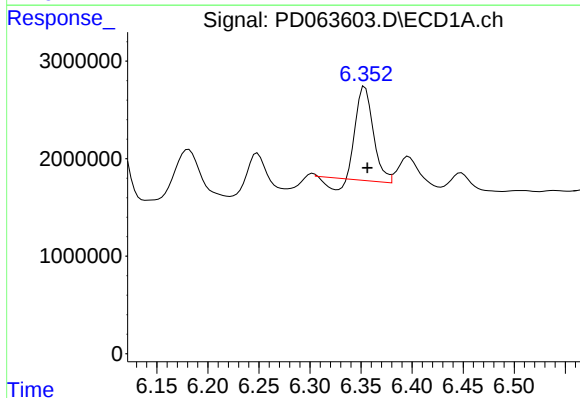
R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 6924461
Conc: 4.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(4-6)RE



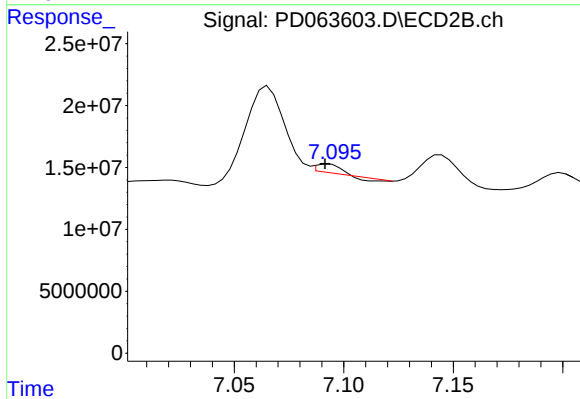
#16 4,4'-DDD

R.T.: 6.797 min
Delta R.T.: 0.004 min
Response: 127646673
Conc: 8.58 ng/ml



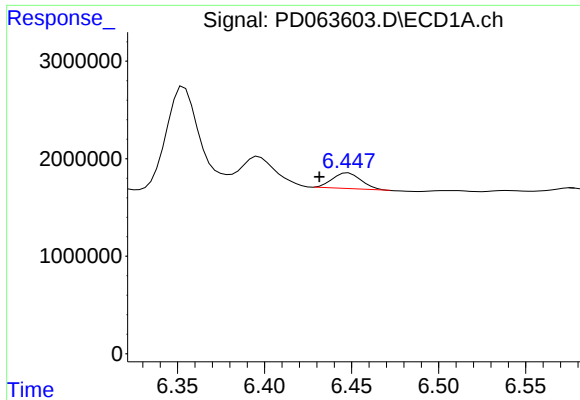
#17 4,4'-DDT

R.T.: 6.354 min
Delta R.T.: -0.002 min
Response: 10689100
Conc: 7.40 ng/ml



#17 4,4'-DDT

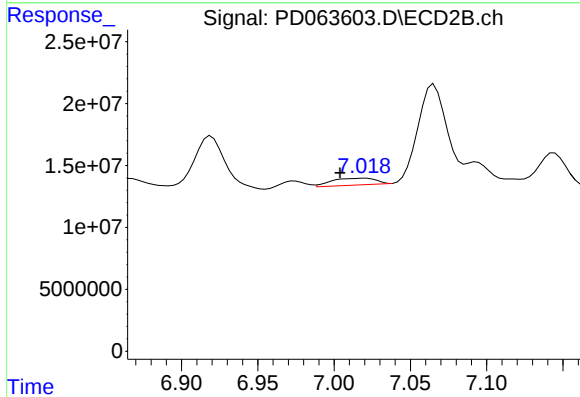
R.T.: 7.093 min
Delta R.T.: 0.002 min
Response: 4224699
Conc: 0.28 ng/ml



#18 Endrin aldehyde

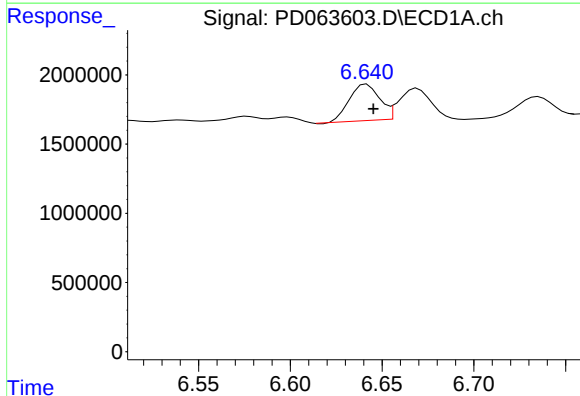
R.T.: 6.448 min
Delta R.T.: 0.017 min
Response: 1733937
Conc: 1.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(4-6)RE



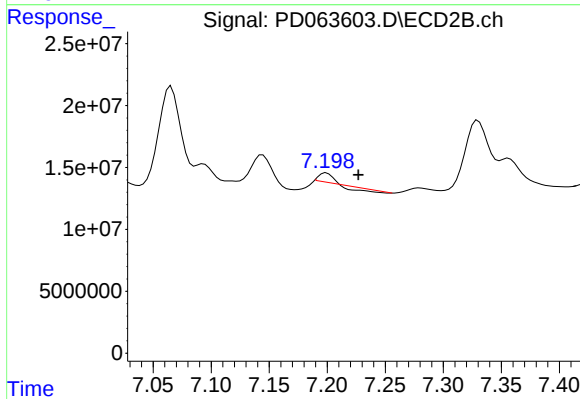
#18 Endrin aldehyde

R.T.: 7.020 min
Delta R.T.: 0.016 min
Response: 11125656
Conc: 0.92 ng/ml



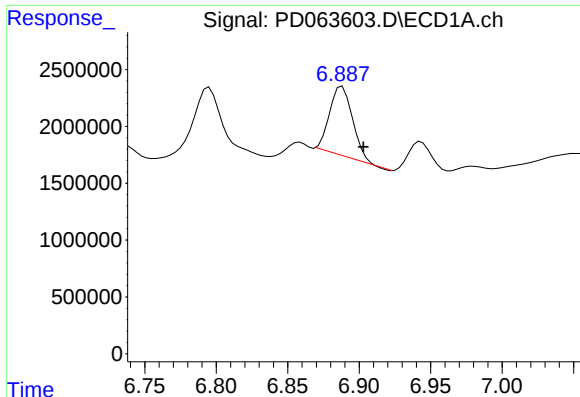
#19 Endosulfan Sulfate

R.T.: 6.642 min
Delta R.T.: -0.004 min
Response: 3009004
Conc: 2.35 ng/ml



#19 Endosulfan Sulfate

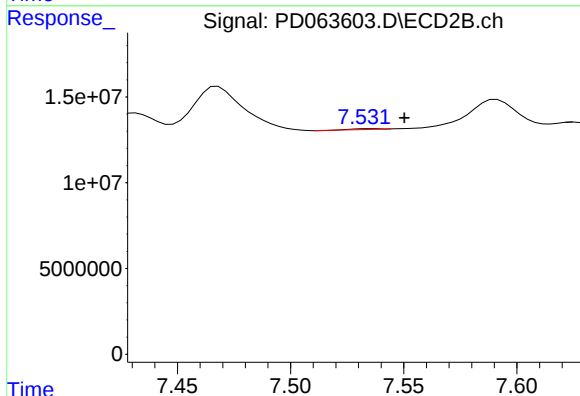
R.T.: 7.199 min
Delta R.T.: -0.028 min
Response: 1970824
Conc: 0.13 ng/ml



#20 Methoxychlor

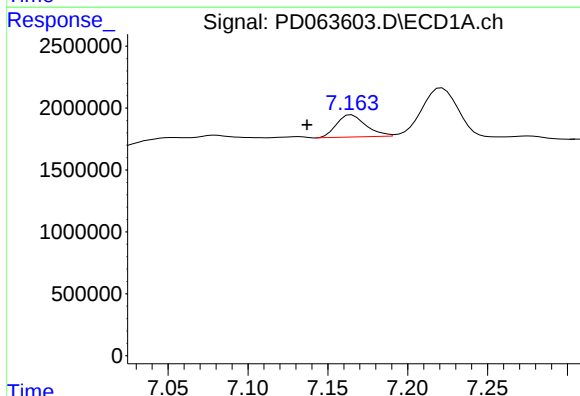
R.T.: 6.888 min
Delta R.T.: -0.015 min
Response: 6860048
Conc: 8.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(4-6)RE



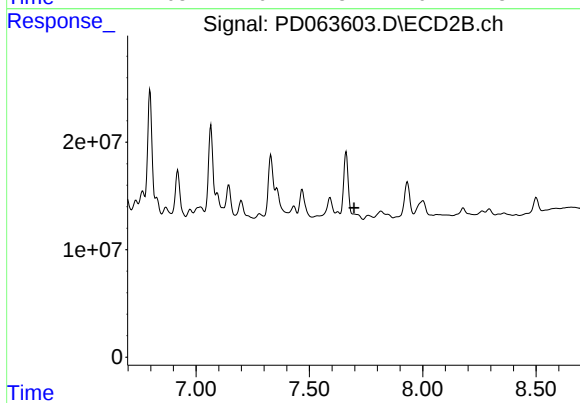
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: -0.015 min
Response: 295463
Conc: 0.04 ng/ml



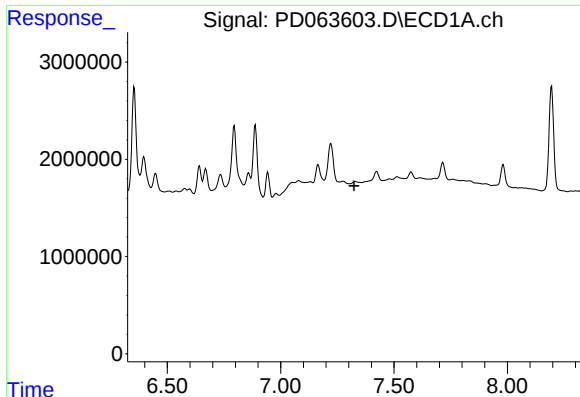
#21 Endrin ketone

R.T.: 7.165 min
Delta R.T.: 0.028 min
Response: 2302115
Conc: 1.30 ng/ml



#21 Endrin ketone

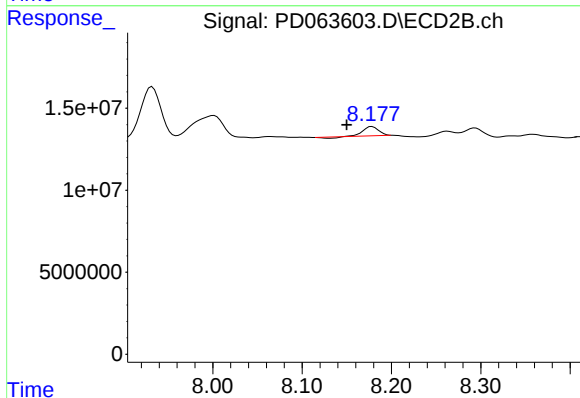
R.T.: 0.000 min
Exp R.T.: 7.697 min
Response: 0
Conc: N.D.



#22 Mirex

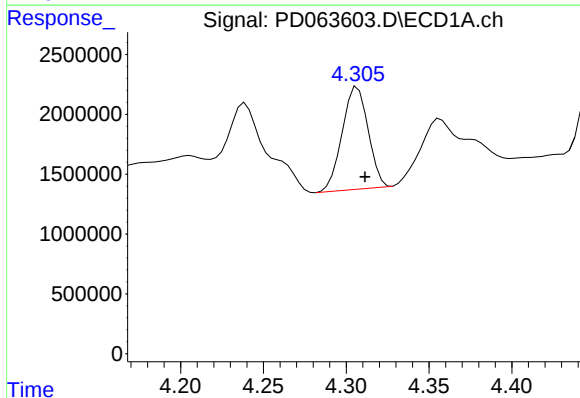
R.T.: 0.000 min
Exp R.T.: 7.325 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
18-B12(4-6)RE



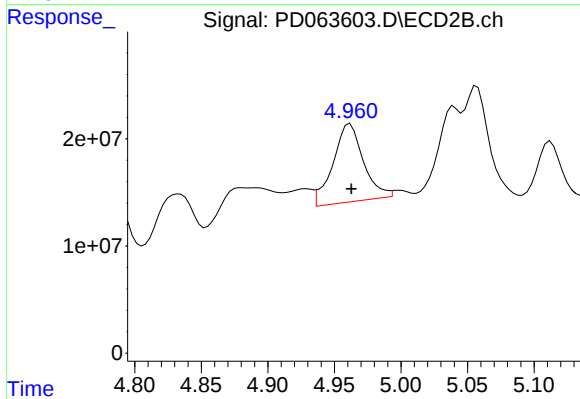
#22 Mirex

R.T.: 8.178 min
Delta R.T.: 0.028 min
Response: 6522052
Conc: 0.65 ng/ml



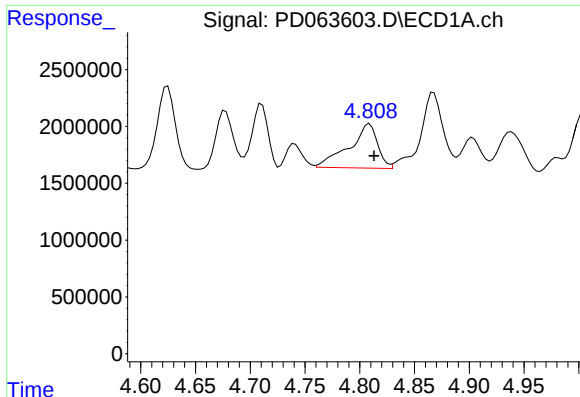
#23 Chlordane-1

R.T.: 4.307 min
Delta R.T.: -0.004 min
Response: 9325054
Conc: 192.09 ng/ml



#23 Chlordane-1

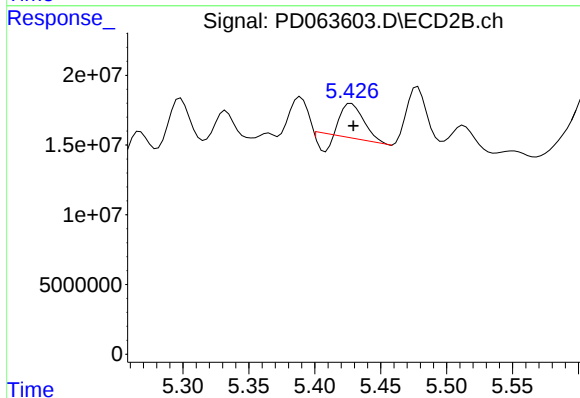
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 115603596
Conc: 199.86 ng/ml



#24 Chlordane-2

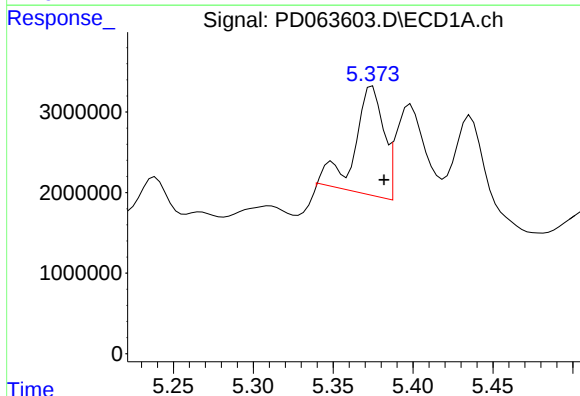
R.T.: 4.809 min
Delta R.T.: -0.004 min
Response: 7036408
Conc: 120.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(4-6)RE



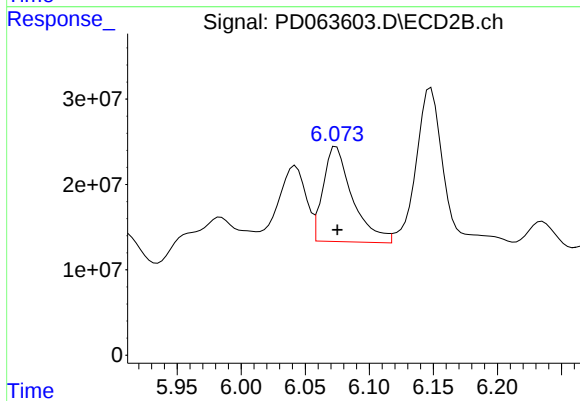
#24 Chlordane-2

R.T.: 5.428 min
Delta R.T.: -0.002 min
Response: 23039111
Conc: 41.18 ng/ml



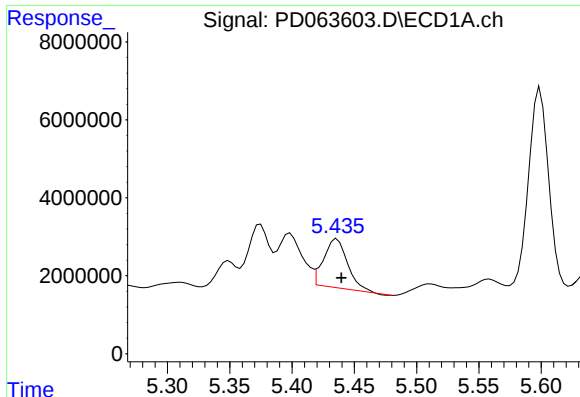
#25 Chlordane-3

R.T.: 5.375 min
Delta R.T.: -0.007 min
Response: 15822300
Conc: 93.02 ng/ml



#25 Chlordane-3

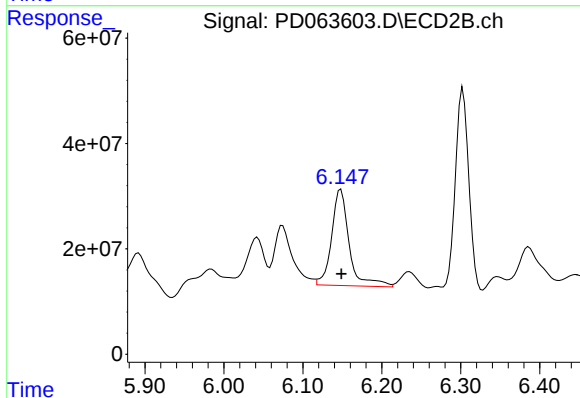
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 177339455
Conc: 71.78 ng/ml



#26 Chlordane-4

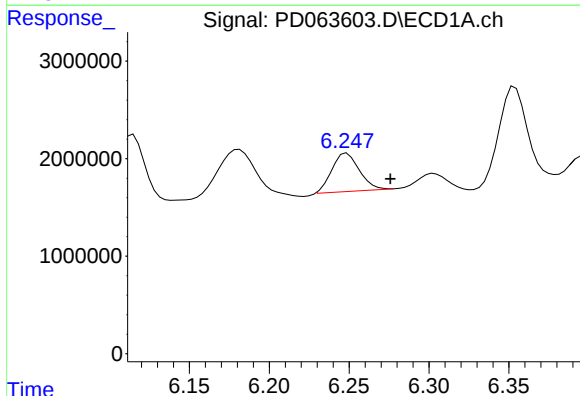
R.T.: 5.436 min
Delta R.T.: -0.003 min
Response: 16715916
Conc: 119.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(4-6)RE



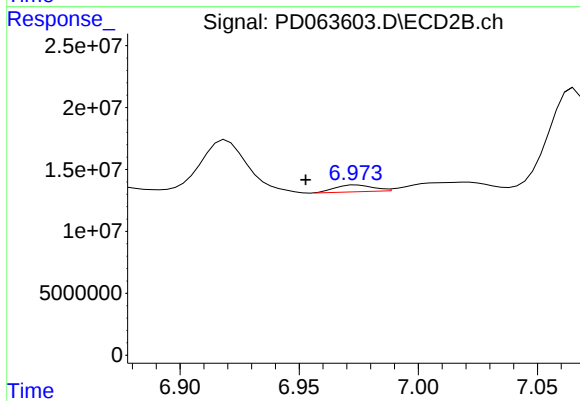
#26 Chlordane-4

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 283001388
Conc: 99.01 ng/ml



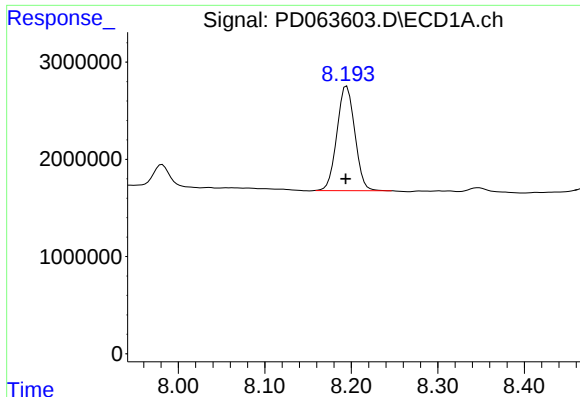
#27 Chlordane-5

R.T.: 6.249 min
Delta R.T.: -0.027 min
Response: 4686904
Conc: 84.67 ng/ml



#27 Chlordane-5

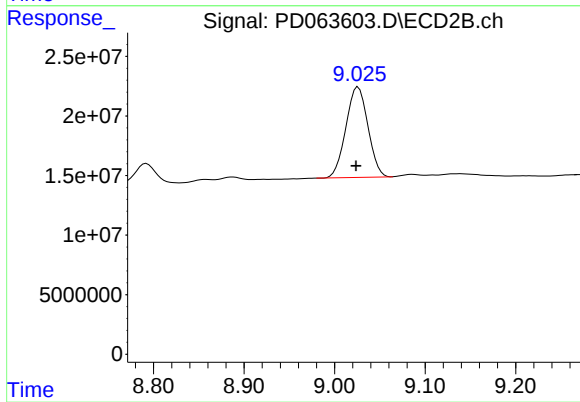
R.T.: 6.974 min
Delta R.T.: 0.021 min
Response: 6169259
Conc: 11.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.195 min
Delta R.T.: 0.001 min
Response: 15371797
Conc: 9.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B12(4-6)RE



#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: 0.002 min
Response: 128470240
Conc: 9.30 ng/ml