

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
 Data File : PD067202.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Dec 2021 12:40
 Operator : AR\AJ
 Sample : M4833-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 03 04:54:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112921CLP.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 30 05:28:01 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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

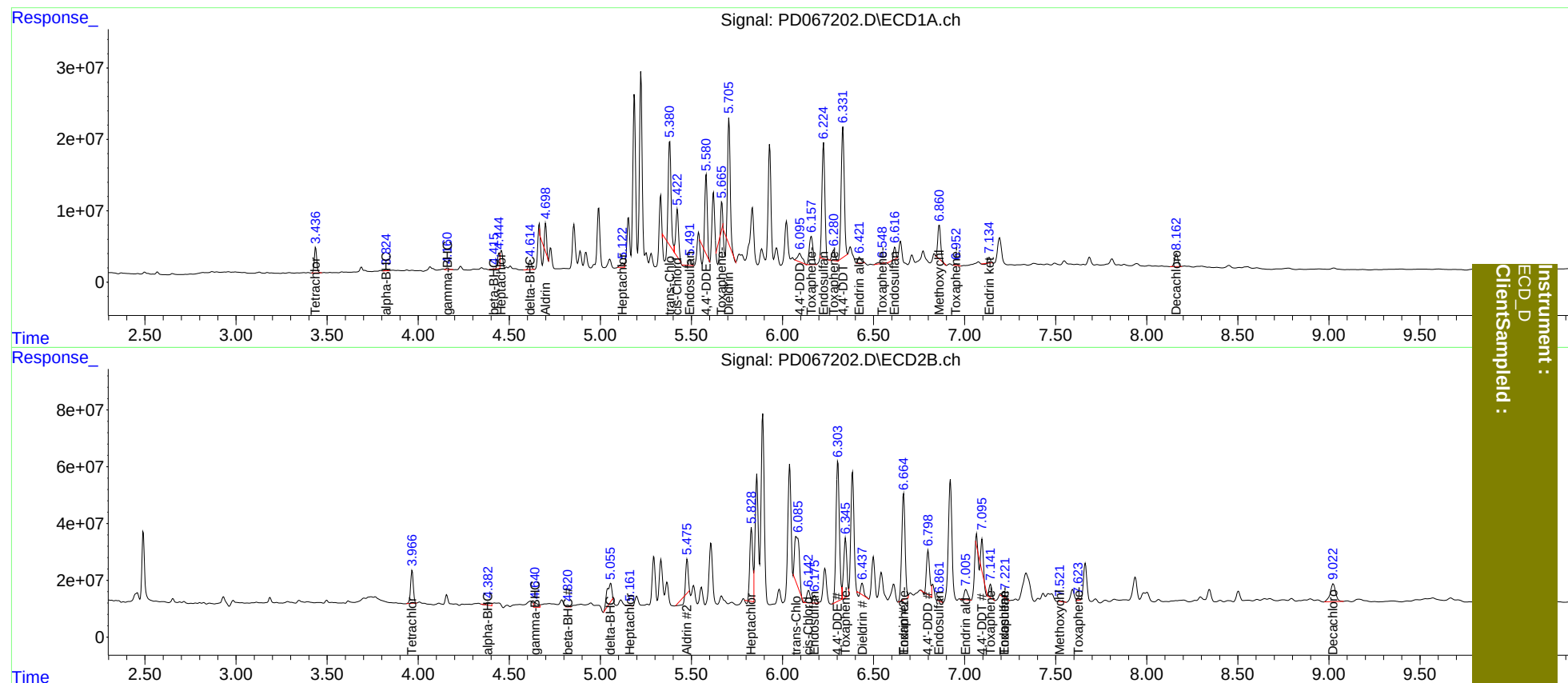
System Monitoring Compounds							
1)	SA Tetrachlo...	3.437	3.967	33402408	120.2E6	15.298	14.998
27)	SA Decachlor...	8.163	9.024	22947458	128.6E6	20.212	25.362 #
Target Compounds							
2)	A alpha-BHC	3.825f	4.384	2362777	17287488	0.722	1.611 #
3)	MA gamma-BHC...	4.161	4.641	2765077	26994342	0.869	2.691 #
4)	MA Heptachlor	4.445	5.161	17186852	2259864	5.362	0.242 #
5)	MB Aldrin	4.700	5.477f	9760077	76998848	3.154	8.930 #
6)	B beta-BHC	4.416	4.821	234422	7150011	0.176	1.550 #
7)	B delta-BHC	4.615	5.057	13727365	126.3E6	4.799	14.274 #
8)	B Heptachlo...	5.123	5.830	8216090	285.2E6	2.975	40.695 #
9)	A Endosulfan I	5.492	6.176	6674986	33960119	2.511	4.684 #
10)	B trans-Chl...	5.381	6.075	132.2E6	308.4E6	46.937	40.631
11)	B cis-Chlor...	5.423	6.144	66729783	57297793	24.048	7.745 #
12)	B 4,4'-DDE	5.581	6.304	83829973	628.8E6	33.496	93.834 #
13)	MA Dieldrin	5.707	6.438	161.0E6	36595291	55.917	4.918 #
14)	MA Endrin	5.968	6.665	-45055139	473.9E6	N.D.	81.679
15)	B Endosulfa...	6.226	6.861	179.9E6	12539301	80.135	2.065 #
16)	A 4,4'-DDD	6.095	6.800	21818110	187.4E6	10.320	32.053 #
17)	MA 4,4'-DDT	6.332	7.096	216.3E6	88310790	101.774	15.326 #
18)	B Endrin al...	6.423	7.007	10322704	46171337	6.260	9.797 #
19)	B Endosulfa...	6.617	7.220	9252457	13440140	4.796	2.340 #
20)	A Methoxychlor	6.861	7.522f	52652342	5788602	52.983	2.080 #
22)	Toxaphene-1	5.667	6.346	5177133	255.5E6	307.151	7769.590 #
23)	Toxaphene-2	6.158	6.665	56253622	473.9E6	3332.811	13216.071 #
24)	Toxaphene-3	6.282	7.142	18323855	52660437	469.256	546.788
25)	Toxaphene-4	6.550	7.220	4549320	13440140	112.438	138.948
26)	Toxaphene-5	6.954	7.624	2532774	8241422	64.492	110.070 #

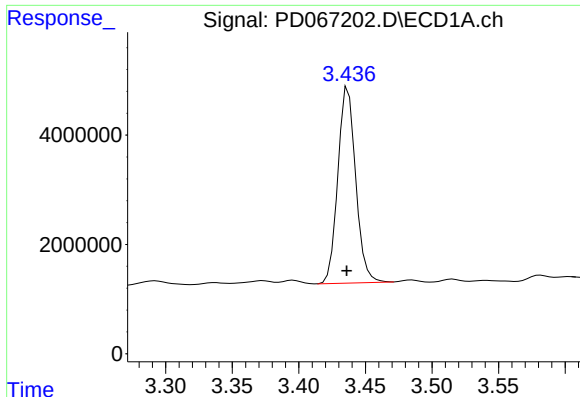
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067202.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 12:40
Operator : AR\AJ
Sample : M4833-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 04:54:57 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112921CLP.M
Quant Title : GC Extractables
QLast Update : Tue Nov 30 05:28:01 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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

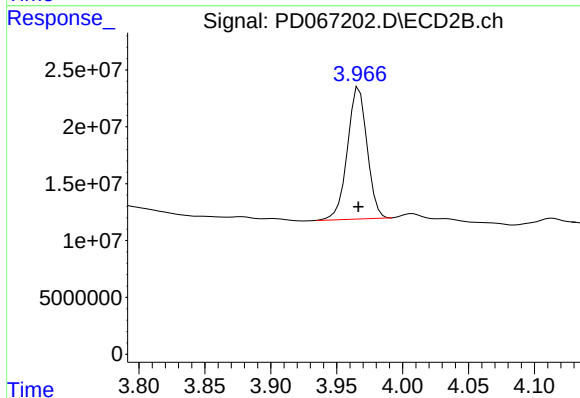




#1 Tetrachloro-m-xylene

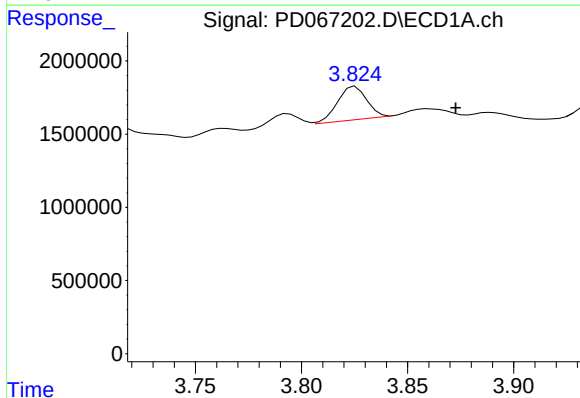
R.T.: 3.437 min
Delta R.T.: 0.001 min
Response: 33402408
Conc: 15.30 ng/ml

Instrument :
ECD_D
ClientSampleId :



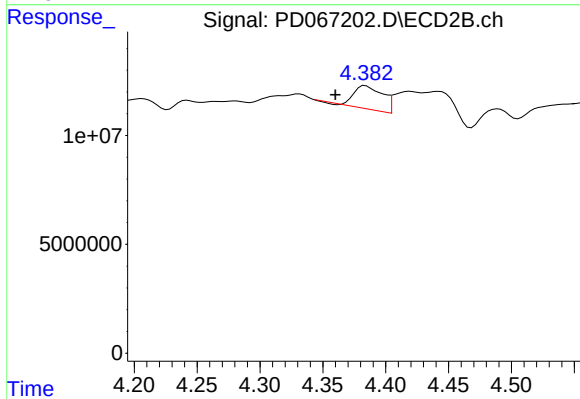
#1 Tetrachloro-m-xylene

R.T.: 3.967 min
Delta R.T.: 0.000 min
Response: 120157419
Conc: 15.00 ng/ml



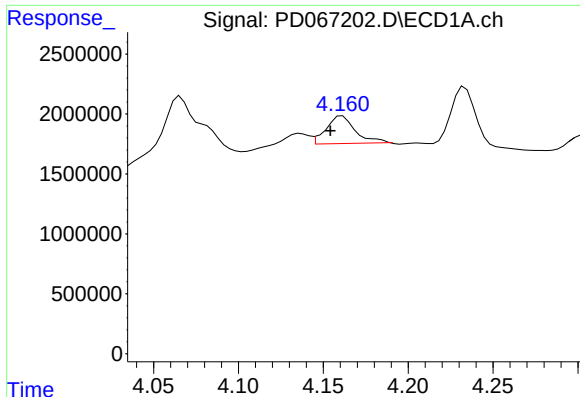
#2 alpha-BHC

R.T.: 3.825 min
Delta R.T.: -0.047 min
Response: 2362777
Conc: 0.72 ng/ml



#2 alpha-BHC

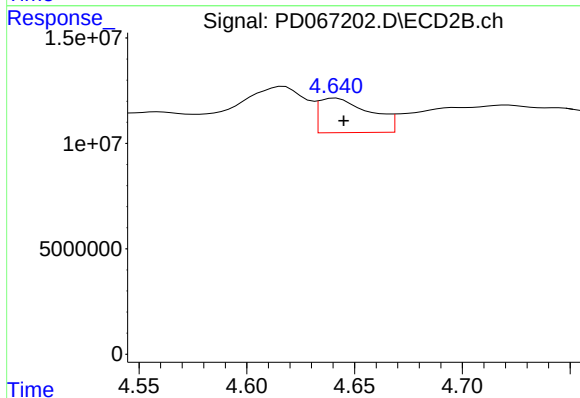
R.T.: 4.384 min
Delta R.T.: 0.024 min
Response: 17287488
Conc: 1.61 ng/ml



#3 gamma-BHC (Lindane)

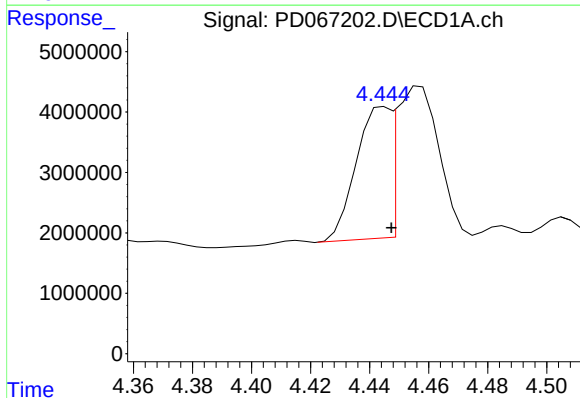
R.T.: 4.161 min
Delta R.T.: 0.007 min
Response: 2765077
Conc: 0.87 ng/ml

Instrument :
ECD_D
ClientSampleId :



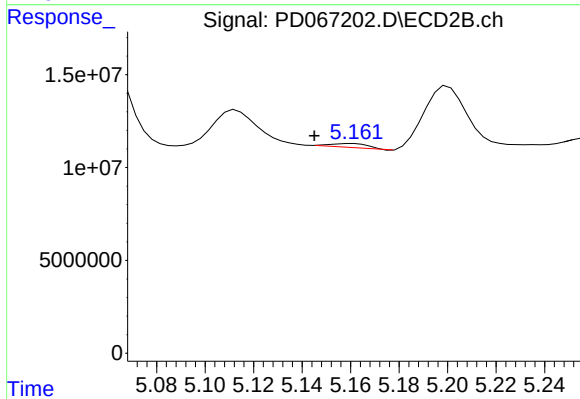
#3 gamma-BHC (Lindane)

R.T.: 4.641 min
Delta R.T.: -0.004 min
Response: 26994342
Conc: 2.69 ng/ml



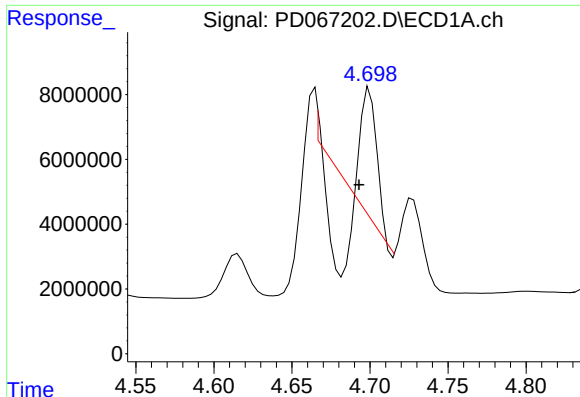
#4 Heptachlor

R.T.: 4.445 min
Delta R.T.: -0.002 min
Response: 17186852
Conc: 5.36 ng/ml



#4 Heptachlor

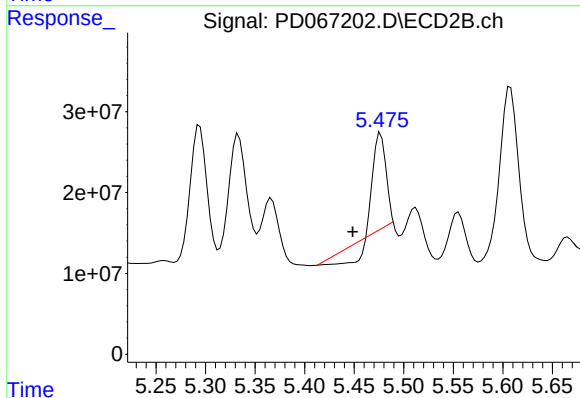
R.T.: 5.161 min
Delta R.T.: 0.016 min
Response: 2259864
Conc: 0.24 ng/ml



#5 Aldrin

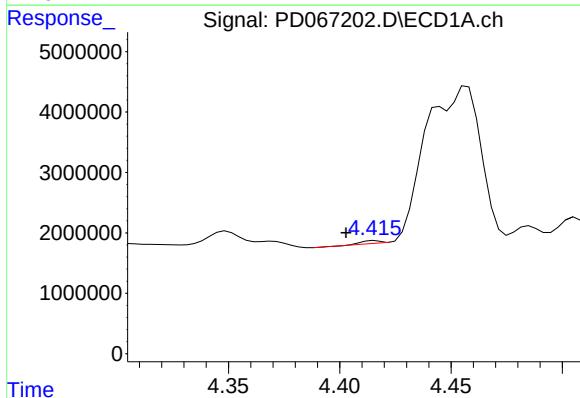
R.T.: 4.700 min
Delta R.T.: 0.007 min
Response: 9760077
Conc: 3.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



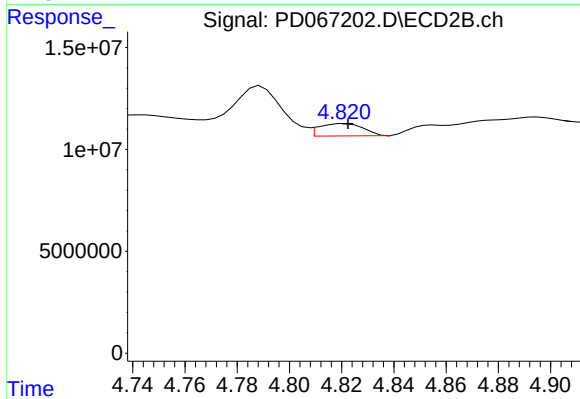
#5 Aldrin

R.T.: 5.477 min
Delta R.T.: 0.028 min
Response: 76998848
Conc: 8.93 ng/ml



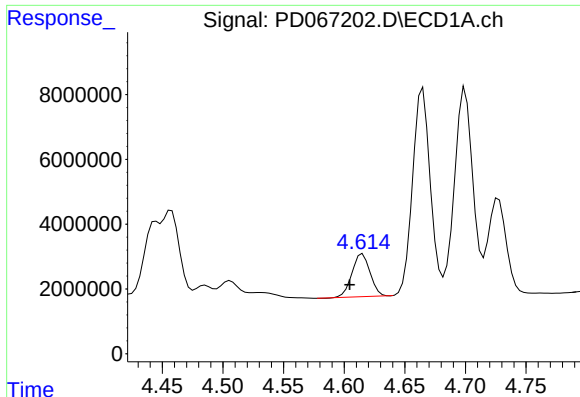
#6 beta-BHC

R.T.: 4.416 min
Delta R.T.: 0.013 min
Response: 234422
Conc: 0.18 ng/ml



#6 beta-BHC

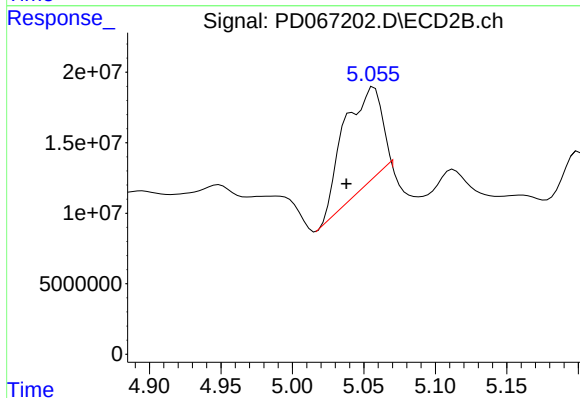
R.T.: 4.821 min
Delta R.T.: -0.001 min
Response: 7150011
Conc: 1.55 ng/ml



#7 delta-BHC

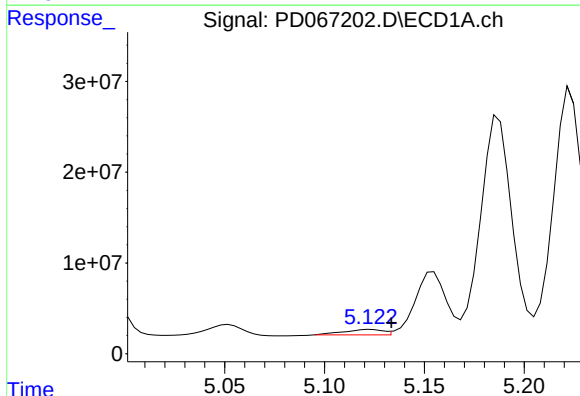
R.T.: 4.615 min
Delta R.T.: 0.011 min
Response: 13727365
Conc: 4.80 ng/ml

Instrument :
ECD_D
ClientSampleId :



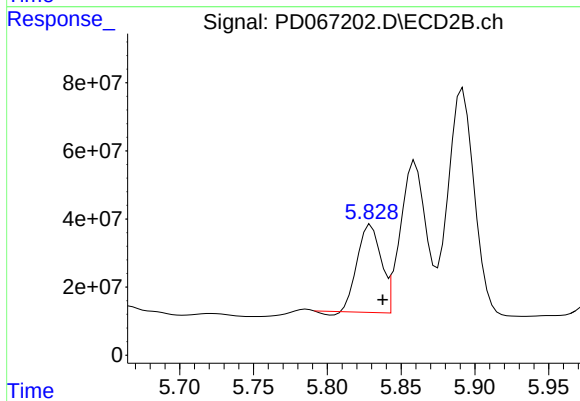
#7 delta-BHC

R.T.: 5.057 min
Delta R.T.: 0.019 min
Response: 126344884
Conc: 14.27 ng/ml



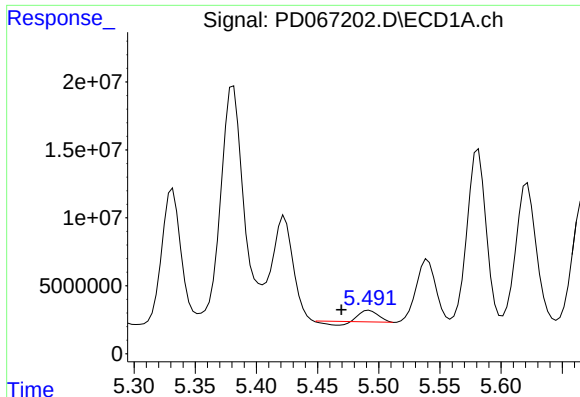
#8 Heptachlor epoxide

R.T.: 5.123 min
Delta R.T.: -0.010 min
Response: 8216090
Conc: 2.98 ng/ml



#8 Heptachlor epoxide

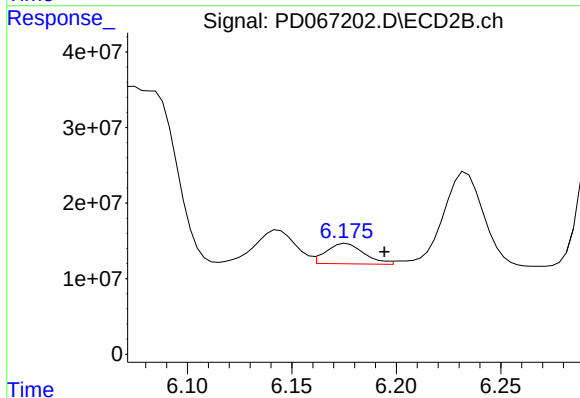
R.T.: 5.830 min
Delta R.T.: -0.008 min
Response: 285227316
Conc: 40.70 ng/ml



#9 Endosulfan I

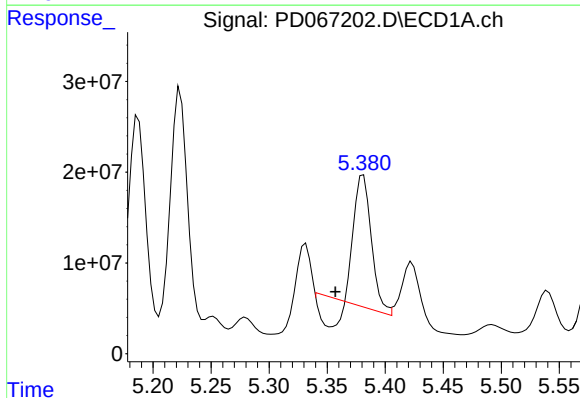
R.T.: 5.492 min
Delta R.T.: 0.023 min
Response: 6674986
Conc: 2.51 ng/ml

Instrument :
ECD_D
ClientSampleId :



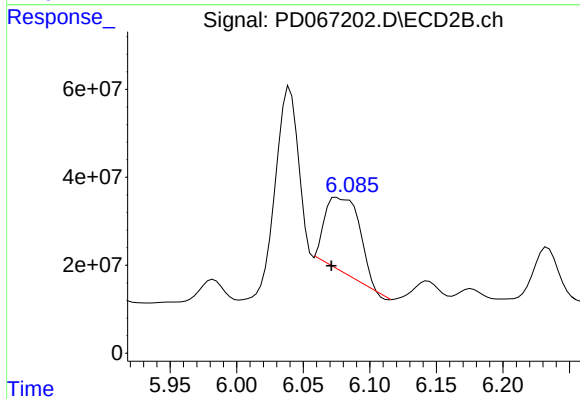
#9 Endosulfan I

R.T.: 6.176 min
Delta R.T.: -0.018 min
Response: 33960119
Conc: 4.68 ng/ml



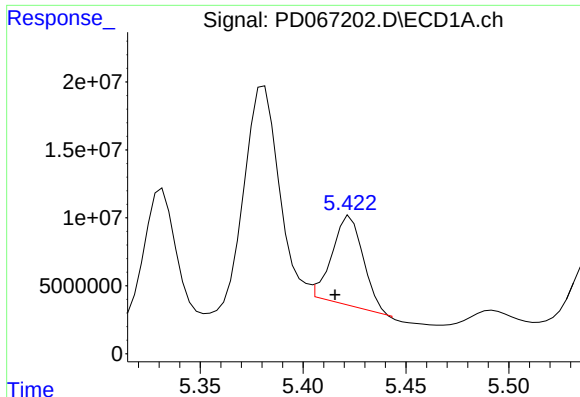
#10 trans-Chlordane

R.T.: 5.381 min
Delta R.T.: 0.024 min
Response: 132246823
Conc: 46.94 ng/ml



#10 trans-Chlordane

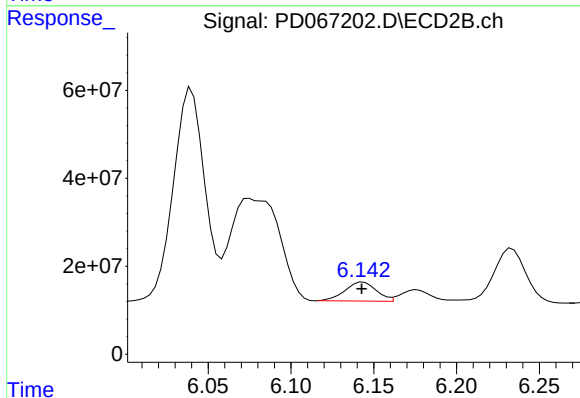
R.T.: 6.075 min
Delta R.T.: 0.004 min
Response: 308383453
Conc: 40.63 ng/ml



#11 cis-Chlordane

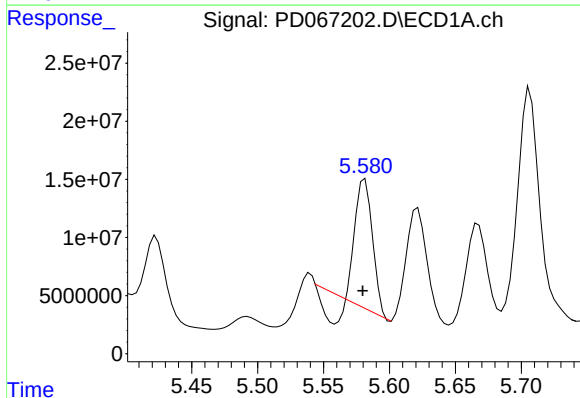
R.T.: 5.423 min
Delta R.T.: 0.007 min
Response: 66729783
Conc: 24.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



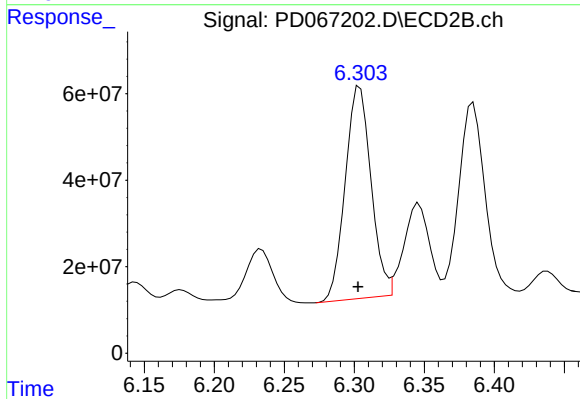
#11 cis-Chlordane

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 57297793
Conc: 7.75 ng/ml



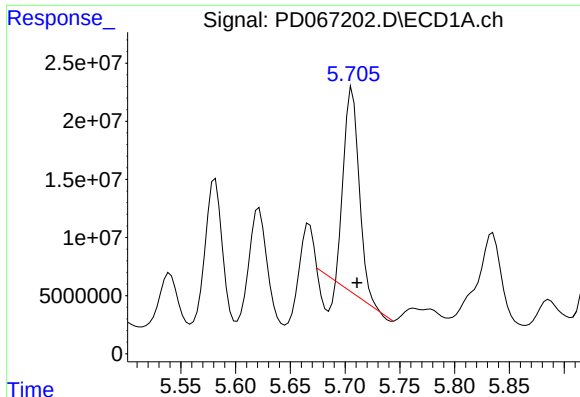
#12 4,4'-DDE

R.T.: 5.581 min
Delta R.T.: 0.002 min
Response: 83829973
Conc: 33.50 ng/ml



#12 4,4'-DDE

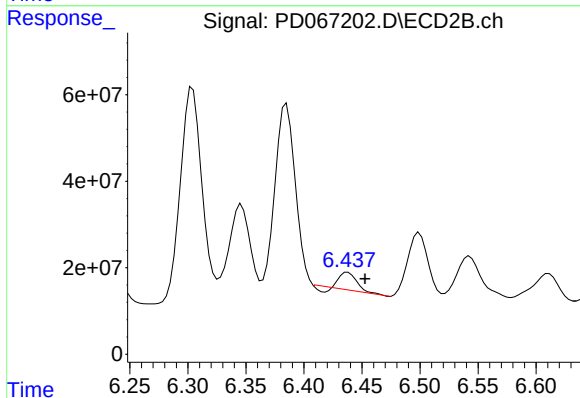
R.T.: 6.304 min
Delta R.T.: 0.001 min
Response: 628767926
Conc: 93.83 ng/ml



#13 Dieldrin

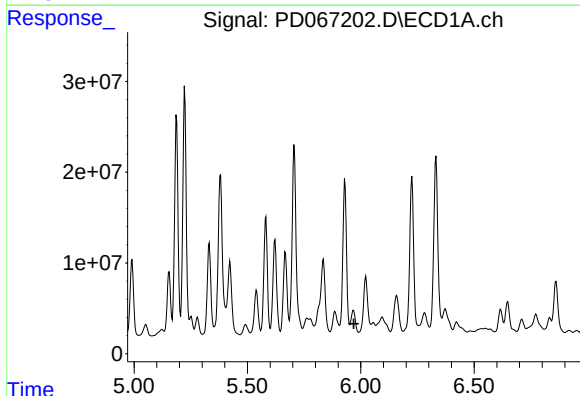
R.T.: 5.707 min
Delta R.T.: -0.005 min
Response: 161018679
Conc: 55.92 ng/ml

Instrument :
ECD_D
ClientSampleId :



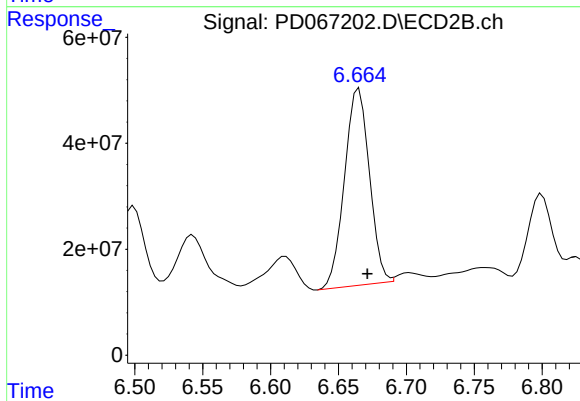
#13 Dieldrin

R.T.: 6.438 min
Delta R.T.: -0.015 min
Response: 36595291
Conc: 4.92 ng/ml



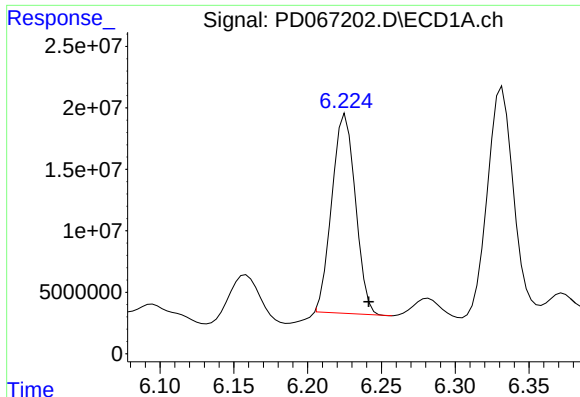
#14 Endrin

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: -45055139
Conc: N.D.



#14 Endrin

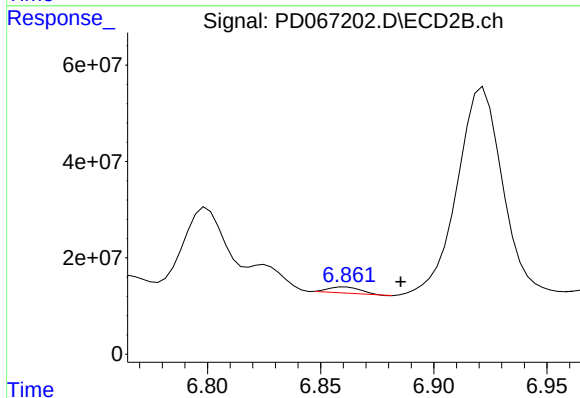
R.T.: 6.665 min
Delta R.T.: -0.006 min
Response: 473871432
Conc: 81.68 ng/ml



#15 Endosulfan II

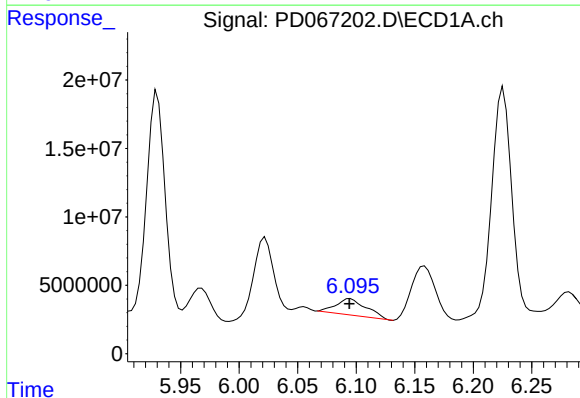
R.T.: 6.226 min
Delta R.T.: -0.016 min
Response: 179911968
Conc: 80.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



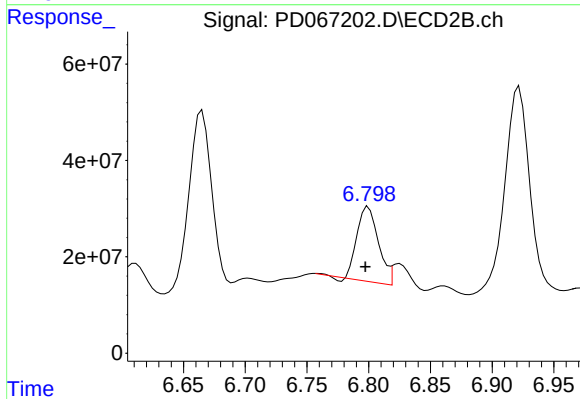
#15 Endosulfan II

R.T.: 6.861 min
Delta R.T.: -0.024 min
Response: 12539301
Conc: 2.07 ng/ml



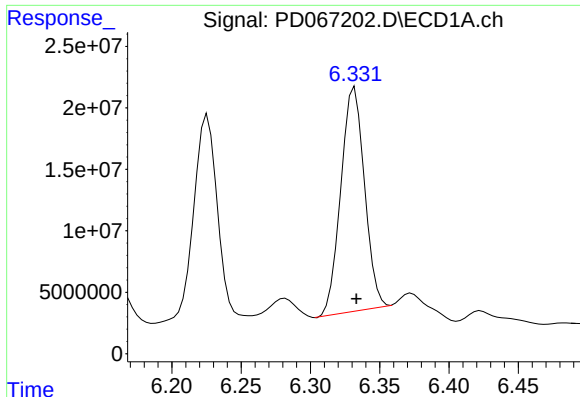
#16 4,4'-DDD

R.T.: 6.095 min
Delta R.T.: 0.000 min
Response: 21818110
Conc: 10.32 ng/ml



#16 4,4'-DDD

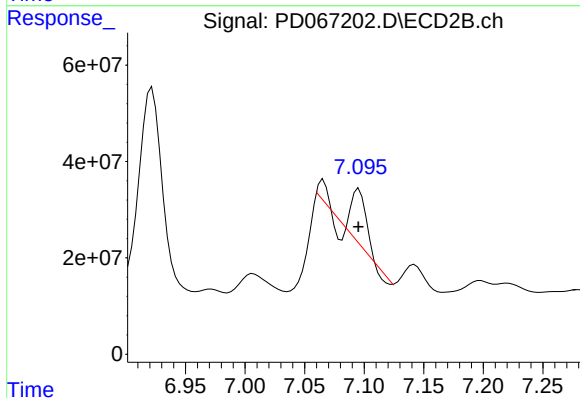
R.T.: 6.800 min
Delta R.T.: 0.002 min
Response: 187447530
Conc: 32.05 ng/ml



#17 4,4'-DDT

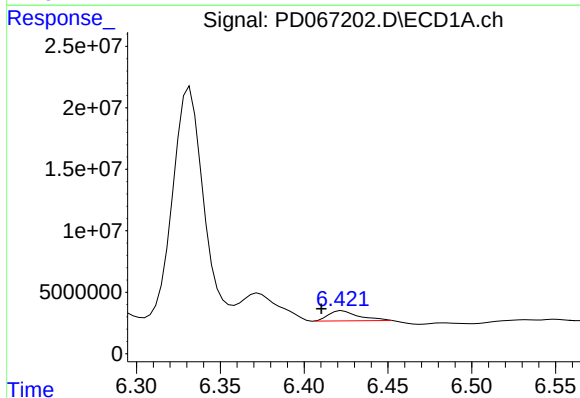
R.T.: 6.332 min
Delta R.T.: -0.001 min
Response: 216346367
Conc: 101.77 ng/ml

Instrument :
ECD_D
ClientSampleId :



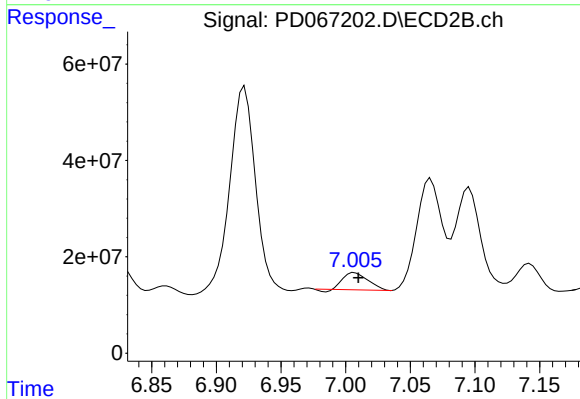
#17 4,4'-DDT

R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 88310790
Conc: 15.33 ng/ml



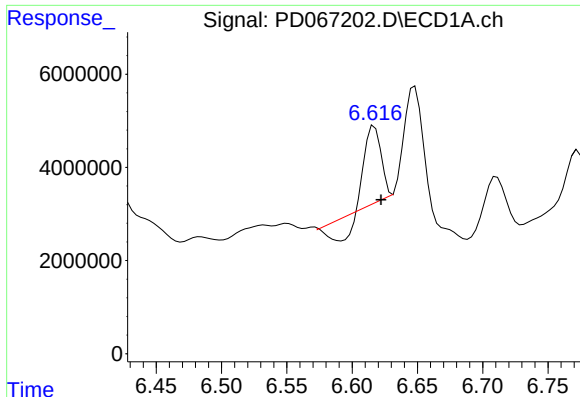
#18 Endrin aldehyde

R.T.: 6.423 min
Delta R.T.: 0.013 min
Response: 10322704
Conc: 6.26 ng/ml



#18 Endrin aldehyde

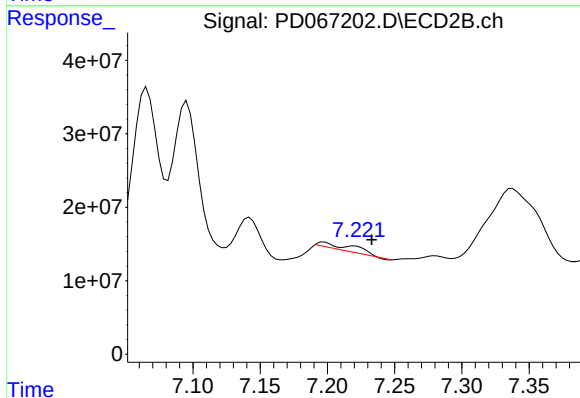
R.T.: 7.007 min
Delta R.T.: -0.003 min
Response: 46171337
Conc: 9.80 ng/ml



#19 Endosulfan Sulfate

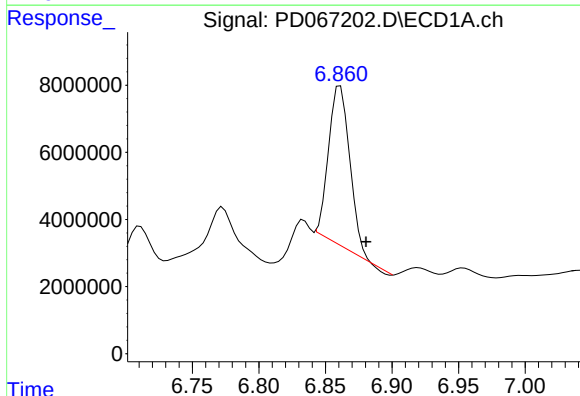
R.T.: 6.617 min
Delta R.T.: -0.005 min
Response: 9252457
Conc: 4.80 ng/ml

Instrument :
ECD_D
ClientSampleId :



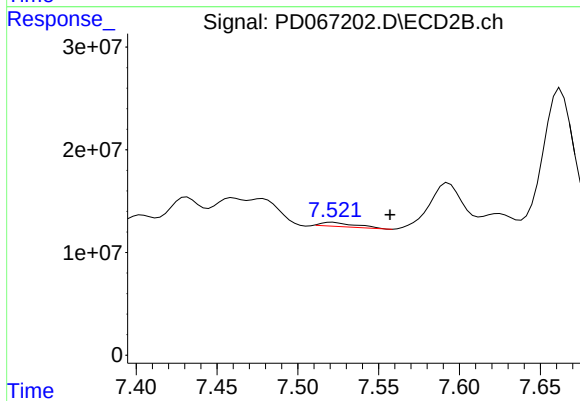
#19 Endosulfan Sulfate

R.T.: 7.220 min
Delta R.T.: -0.013 min
Response: 13440140
Conc: 2.34 ng/ml



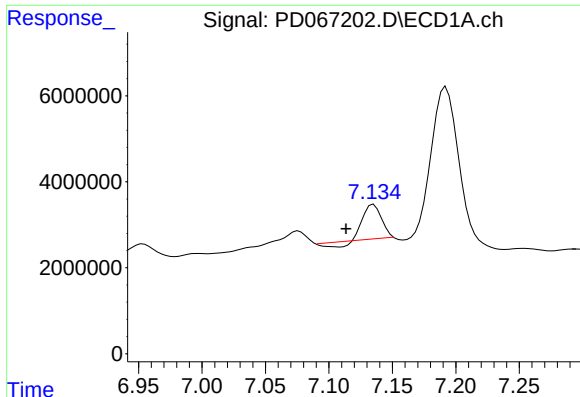
#20 Methoxychlor

R.T.: 6.861 min
Delta R.T.: -0.019 min
Response: 52652342
Conc: 52.98 ng/ml



#20 Methoxychlor

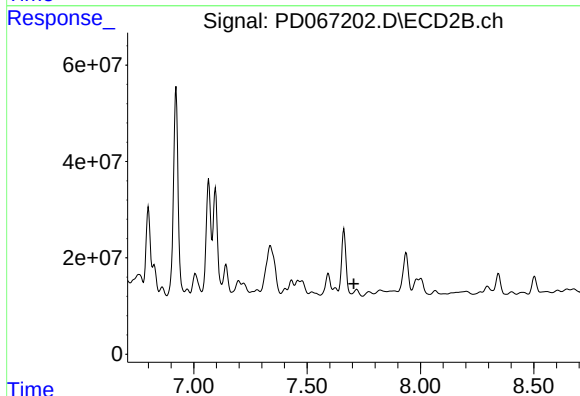
R.T.: 7.522 min
Delta R.T.: -0.035 min
Response: 5788602
Conc: 2.08 ng/ml



#21 Endrin ketone

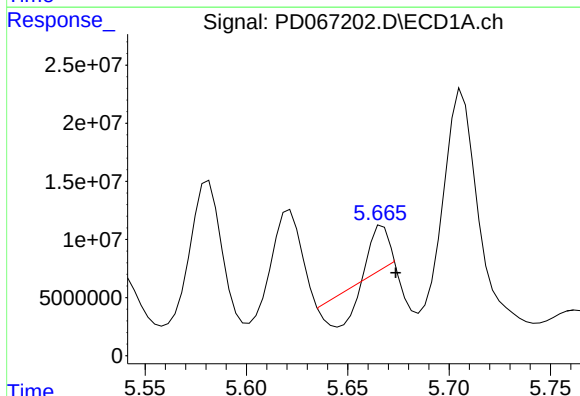
R.T.: 7.135 min
Delta R.T.: 0.022 min
Response: 7317309
Conc: 3.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



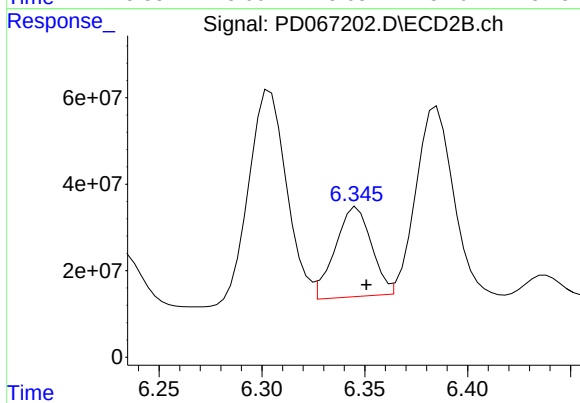
#21 Endrin ketone

R.T.: 7.719 min
Delta R.T.: 0.013 min
Response: -36752027
Conc: N.D.



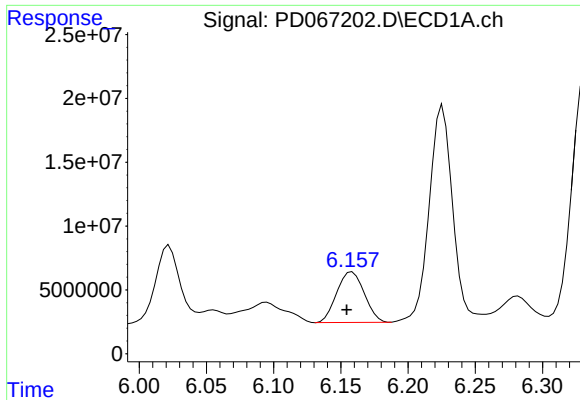
#22 Toxaphene-1

R.T.: 5.667 min
Delta R.T.: -0.006 min
Response: 5177133
Conc: 307.15 ng/ml



#22 Toxaphene-1

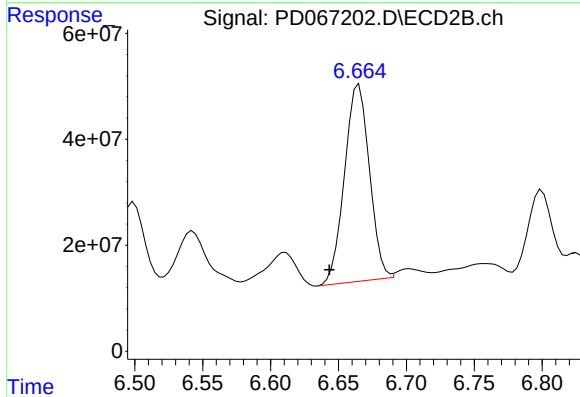
R.T.: 6.346 min
Delta R.T.: -0.005 min
Response: 255481272
Conc: 7769.59 ng/ml



#23 Toxaphene-2

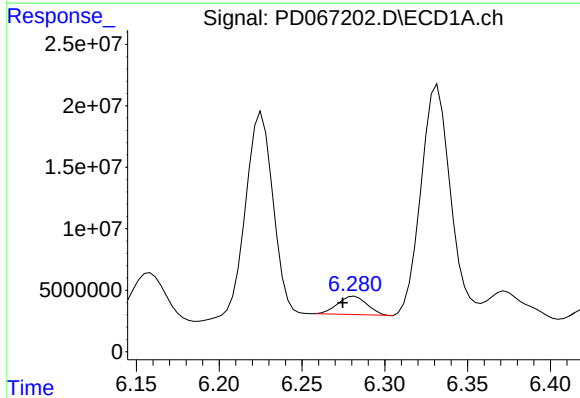
R.T.: 6.158 min
Delta R.T.: 0.004 min
Response: 56253622
Conc: 3332.81 ng/ml

Instrument :
ECD_D
ClientSampleId :



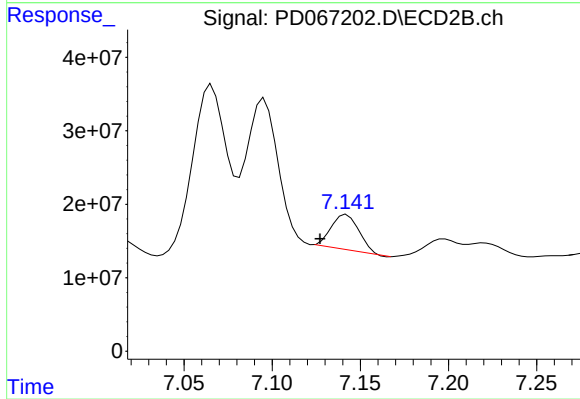
#23 Toxaphene-2

R.T.: 6.665 min
Delta R.T.: 0.022 min
Response: 473871432
Conc: 13216.07 ng/ml



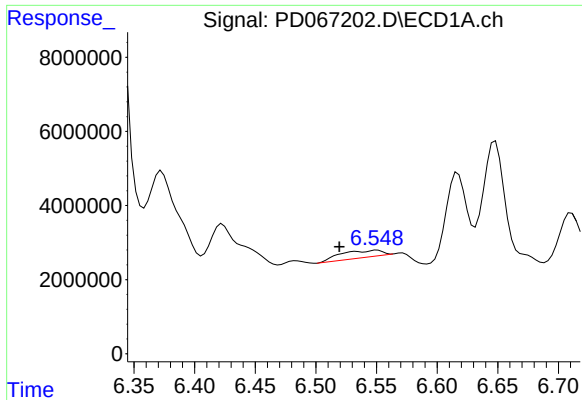
#24 Toxaphene-3

R.T.: 6.282 min
Delta R.T.: 0.007 min
Response: 18323855
Conc: 469.26 ng/ml



#24 Toxaphene-3

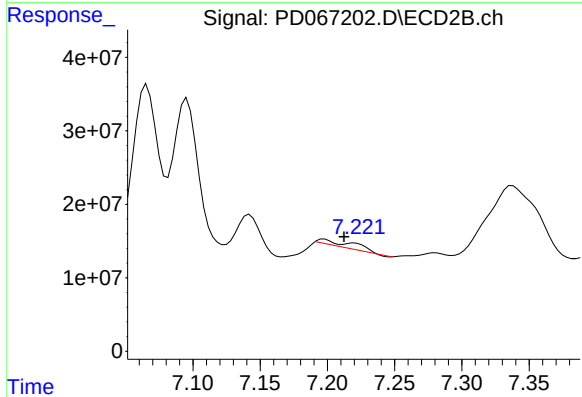
R.T.: 7.142 min
Delta R.T.: 0.015 min
Response: 52660437
Conc: 546.79 ng/ml



#25 Toxaphene-4

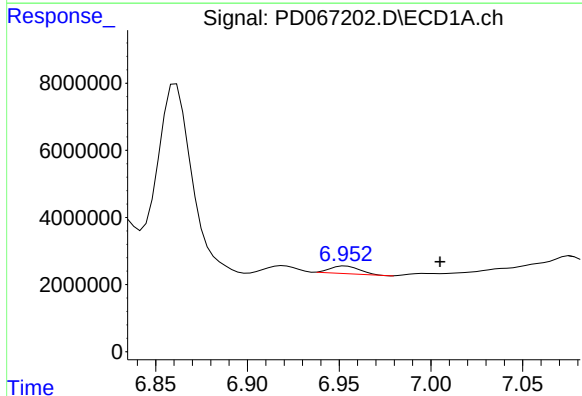
R.T.: 6.550 min
Delta R.T.: 0.031 min
Response: 4549320
Conc: 112.44 ng/ml

Instrument :
ECD_D
ClientSampleId :



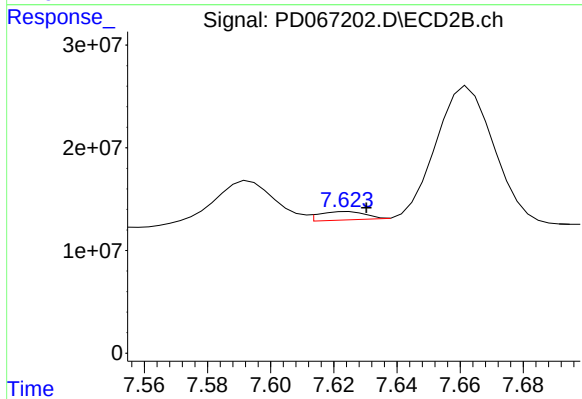
#25 Toxaphene-4

R.T.: 7.220 min
Delta R.T.: 0.008 min
Response: 13440140
Conc: 138.95 ng/ml



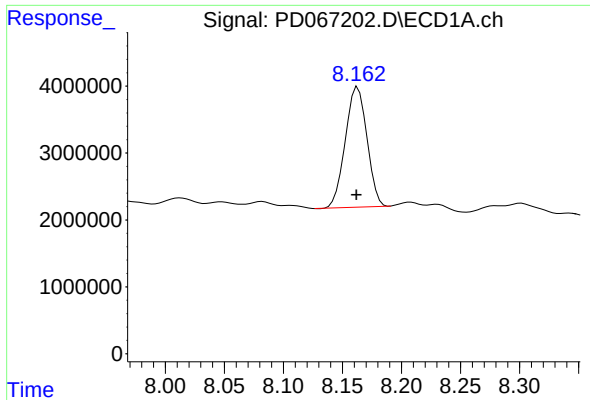
#26 Toxaphene-5

R.T.: 6.954 min
Delta R.T.: -0.051 min
Response: 2532774
Conc: 64.49 ng/ml



#26 Toxaphene-5

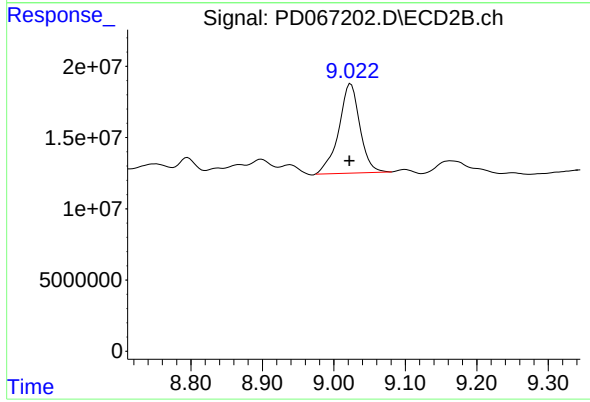
R.T.: 7.624 min
Delta R.T.: -0.006 min
Response: 8241422
Conc: 110.07 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.163 min
Delta R.T.: 0.001 min
Response: 22947458
Conc: 20.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.002 min
Response: 128606958
Conc: 25.36 ng/ml