

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD010722\
 Data File : PD067631.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2022 09:53
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 08 06:09:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PD122821.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 28 03:00:50 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 x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.432	3.960	38725699	155.0E6	21.310	23.484
28)	SA Decachlor...	8.154	9.014	18095489	97302501	20.371	20.474
Target Compounds							
2)	A alpha-BHC	3.868	4.353	28918691	109.0E6	10.027	11.745
3)	MA gamma-BHC...	4.149	4.638	26716334	99381768	10.045	11.792
4)	MA Heptachlor	4.436	5.151	15325	344691	0.006	0.045 #
5)	MB Aldrin	4.689	5.453	348171	87726	0.126	0.012 #
6)	B beta-BHC	4.399	4.817	13071850	50385702	11.894	12.922
8)	B Heptachlo...	5.155f	5.814f	811260	1706978	0.329	0.320
9)	A Endosulfan I	5.457	0.000	190187	0	0.085	N.D. #
10)	B gamma-Chl...	0.000	6.068	0	328025	N.D.	0.051 #
11)	B alpha-Chl...	5.401	6.129	256473	177188	0.106	0.027 #
12)	B 4,4'-DDE	5.574	6.296	796484	2105203	0.360	0.342
13)	MA Dieldrin	0.000	6.468f	0	1265974	N.D.	0.191 #
14)	MA Endrin	5.963	6.664	101.9E6	282.7E6	48.513	50.998
15)	B Endosulfa...	6.236	6.885	1526522	3401943	0.761	0.572
16)	A 4,4'-DDD	6.089	6.791	3602600	9544096	2.097	1.907
17)	MA 4,4'-DDT	6.327	7.088	181.5E6	530.1E6	111.085	99.067
18)	B Endrin al...	6.404	7.004	3000151	6597821	1.974	1.462 #
20)	A Methoxychlor	6.874	7.550	202.8E6	648.3E6	238.914	223.457
21)	B Endrin ke...	7.107	7.699	6388216	16187491	3.733	2.580 #
22)	Mirex	0.000	8.168f	0	1049640	N.D.	0.242 #
23)	Chlordane-1	4.322f	0.000	536025	0	6.788	N.D. #
24)	Chlordane-2	0.000	5.421	0	328454	N.D.	1.197 #
25)	Chlordane-3	0.000	6.068	0	328025	N.D.	0.341 #
26)	Chlordane-4	5.401	6.151	256473	495703	1.166	0.434 #
27)	Chlordane-5	6.236	0.000	1526522	0	17.633	N.D. #

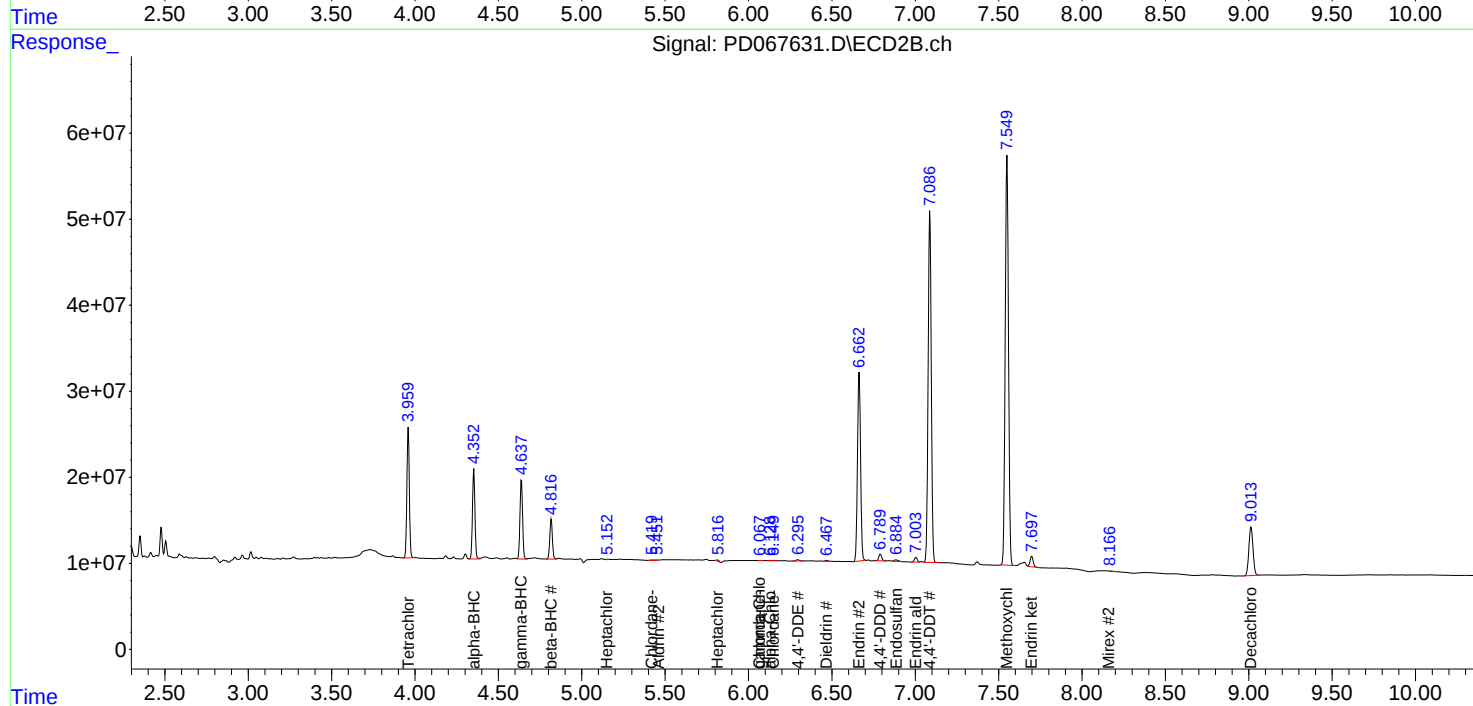
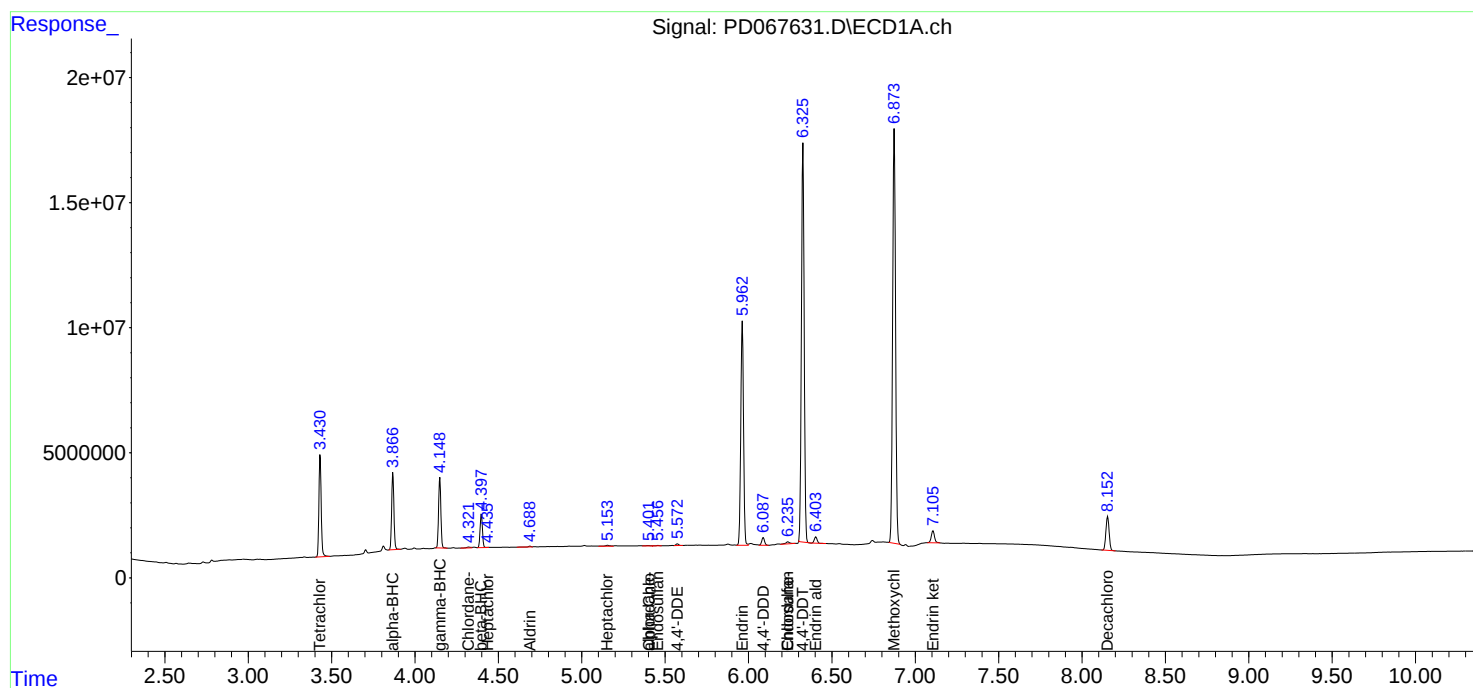
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

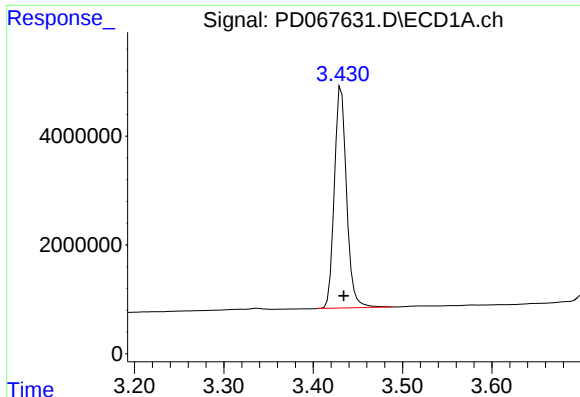
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD010722\
Data File : PD067631.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jan 2022 09:53
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 08 06:09:02 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PD122821.M
Quant Title : GC Extractables
QLast Update : Tue Dec 28 03:00:50 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 x0.5µm

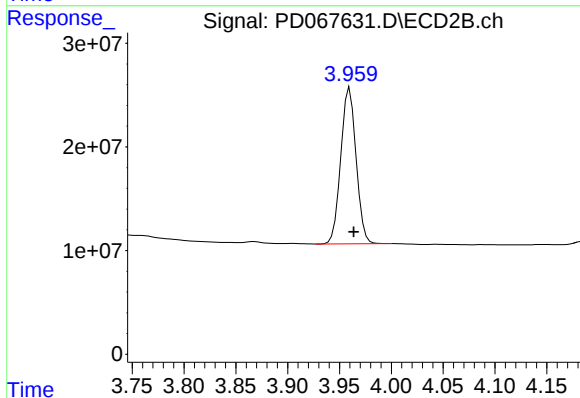




#1 Tetrachloro-m-xylene

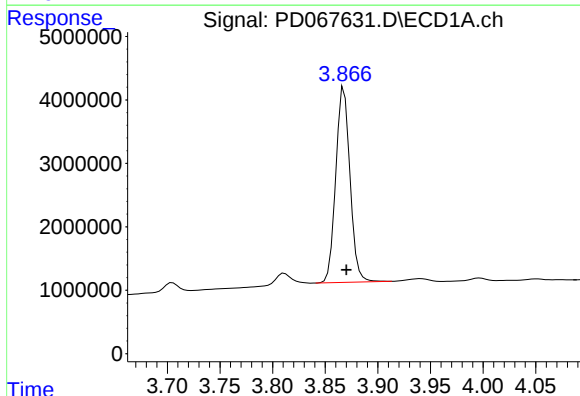
R.T.: 3.432 min
Delta R.T.: -0.002 min
Response: 38725699
Conc: 21.31 ng/ml

Instrument :
ECD_D
ClientSampleId :



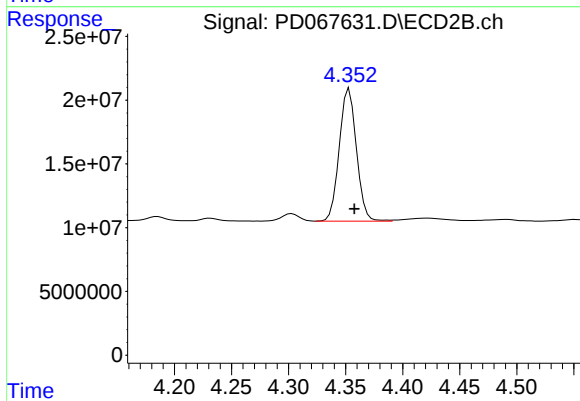
#1 Tetrachloro-m-xylene

R.T.: 3.960 min
Delta R.T.: -0.004 min
Response: 154952421
Conc: 23.48 ng/ml



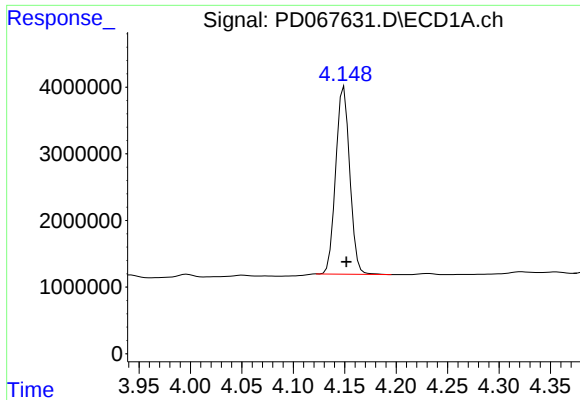
#2 alpha-BHC

R.T.: 3.868 min
Delta R.T.: -0.002 min
Response: 28918691
Conc: 10.03 ng/ml



#2 alpha-BHC

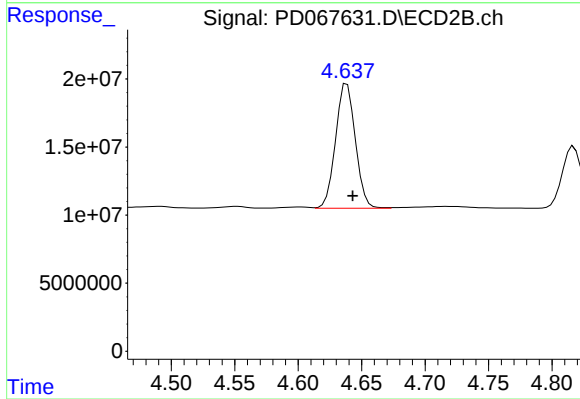
R.T.: 4.353 min
Delta R.T.: -0.005 min
Response: 108971390
Conc: 11.74 ng/ml



#3 gamma-BHC (Lindane)

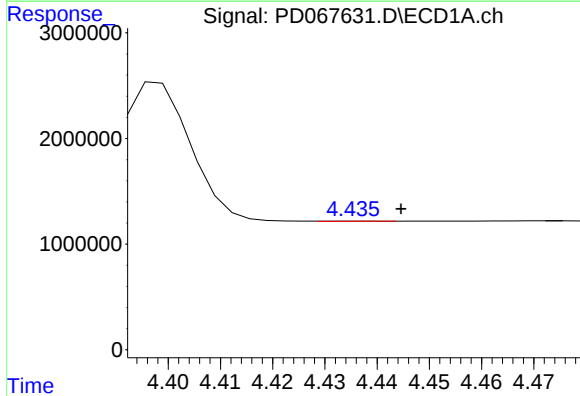
R.T.: 4.149 min
Delta R.T.: -0.002 min
Response: 26716334
Conc: 10.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



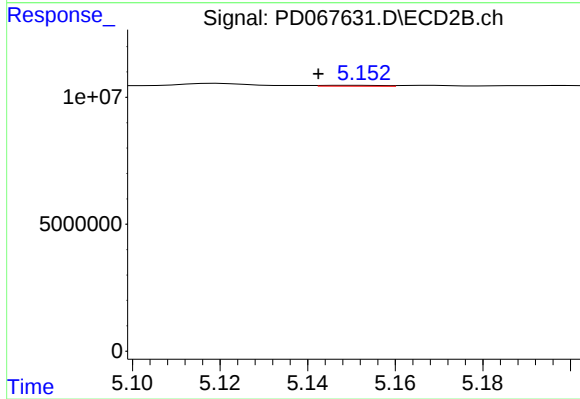
#3 gamma-BHC (Lindane)

R.T.: 4.638 min
Delta R.T.: -0.004 min
Response: 99381768
Conc: 11.79 ng/ml



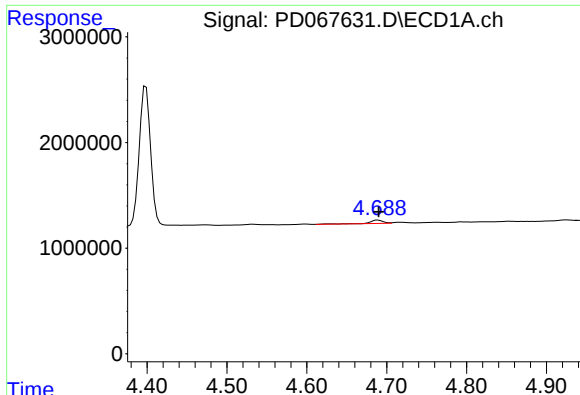
#4 Heptachlor

R.T.: 4.436 min
Delta R.T.: -0.009 min
Response: 15325
Conc: 0.01 ng/ml



#4 Heptachlor

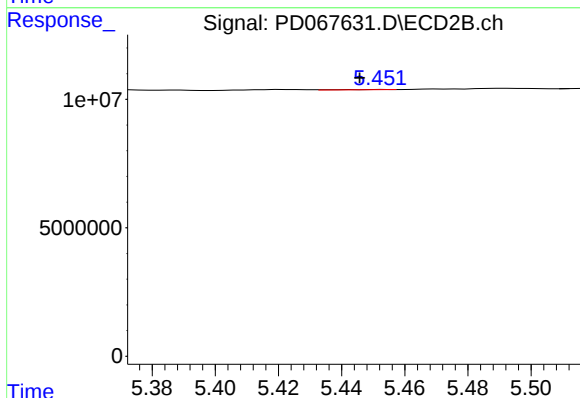
R.T.: 5.151 min
Delta R.T.: 0.008 min
Response: 344691
Conc: 0.04 ng/ml



#5 Aldrin

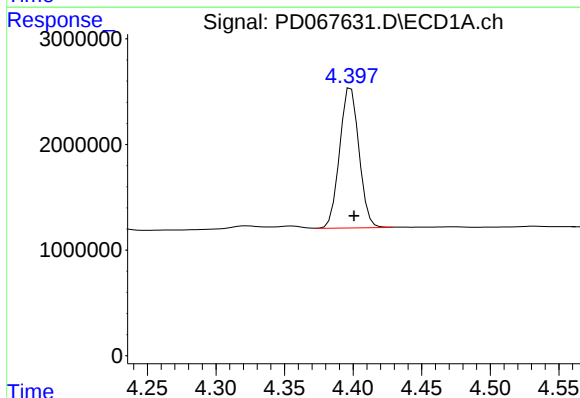
R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 348171
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



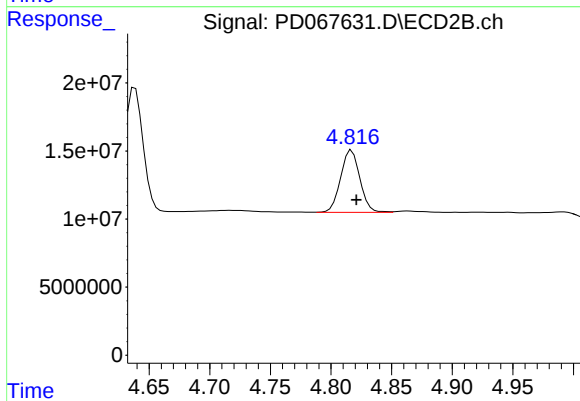
#5 Aldrin

R.T.: 5.453 min
Delta R.T.: 0.007 min
Response: 87726
Conc: 0.01 ng/ml



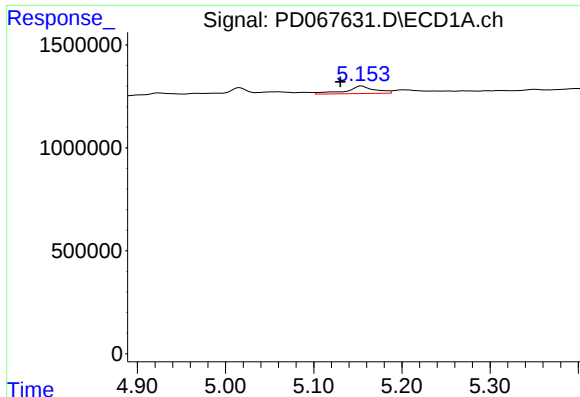
#6 beta-BHC

R.T.: 4.399 min
Delta R.T.: -0.002 min
Response: 13071850
Conc: 11.89 ng/ml



#6 beta-BHC

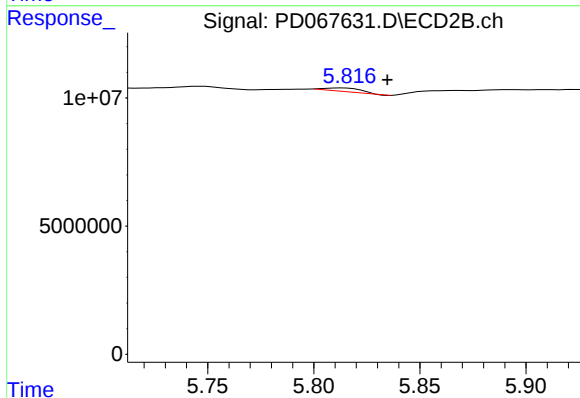
R.T.: 4.817 min
Delta R.T.: -0.004 min
Response: 50385702
Conc: 12.92 ng/ml



#8 Heptachlor epoxide

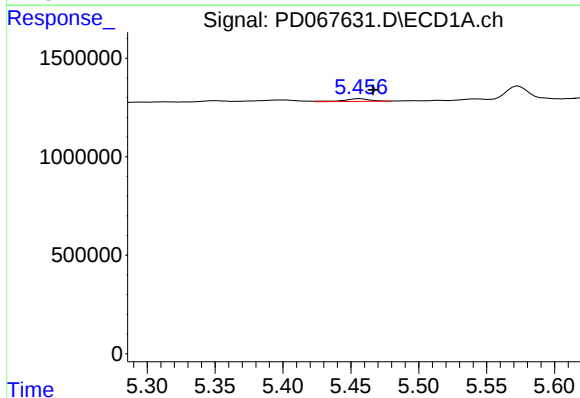
R.T.: 5.155 min
Delta R.T.: 0.025 min
Response: 811260
Conc: 0.33 ng/ml

Instrument :
ECD_D
ClientSampleId :



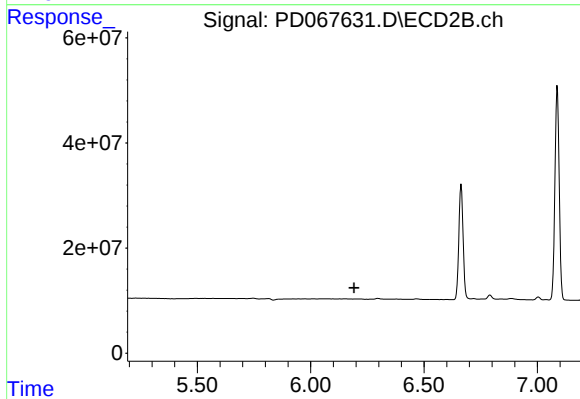
#8 Heptachlor epoxide

R.T.: 5.814 min
Delta R.T.: -0.021 min
Response: 1706978
Conc: 0.32 ng/ml



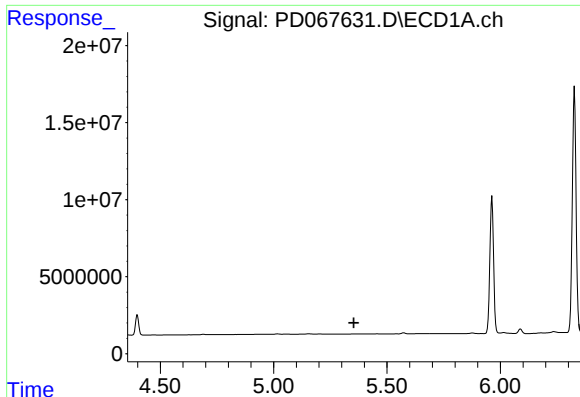
#9 Endosulfan I

R.T.: 5.457 min
Delta R.T.: -0.009 min
Response: 190187
Conc: 0.09 ng/ml



#9 Endosulfan I

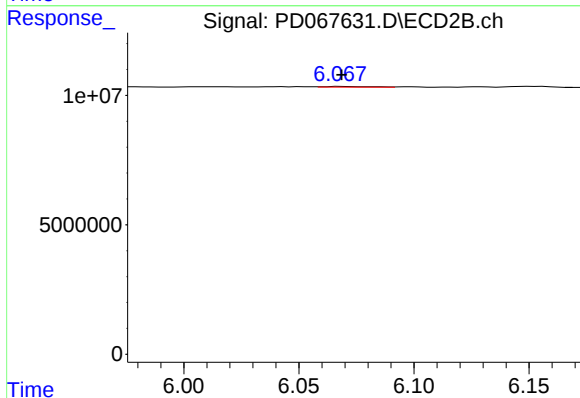
R.T.: 0.000 min
Exp R.T.: 6.192 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

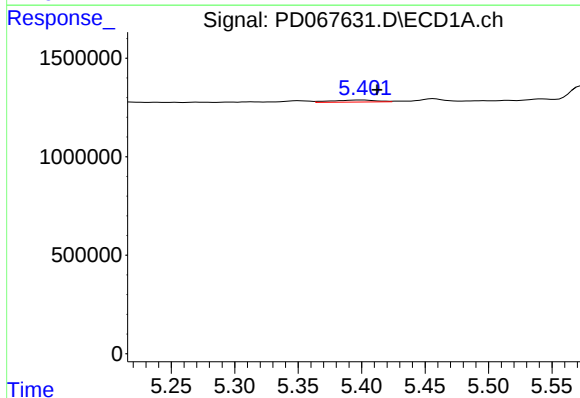
R.T.: 0.000 min
Exp R.T.: 5.354 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



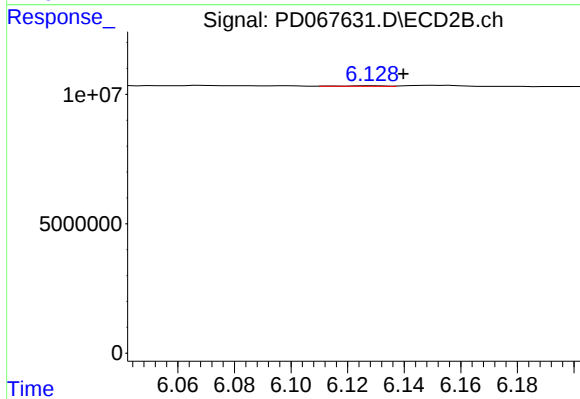
#10 gamma-Chlordane

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 328025
Conc: 0.05 ng/ml



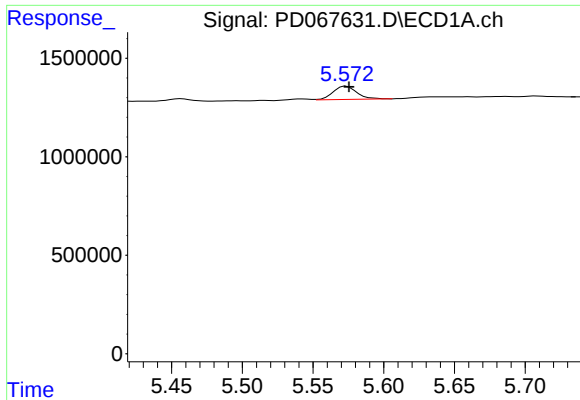
#11 alpha-Chlordane

R.T.: 5.401 min
Delta R.T.: -0.011 min
Response: 256473
Conc: 0.11 ng/ml



#11 alpha-Chlordane

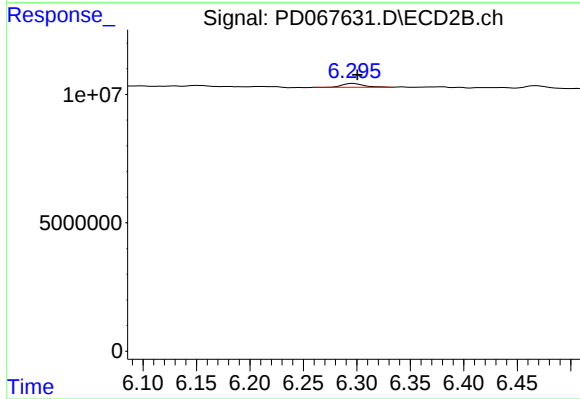
R.T.: 6.129 min
Delta R.T.: -0.011 min
Response: 177188
Conc: 0.03 ng/ml



#12 4,4'-DDE

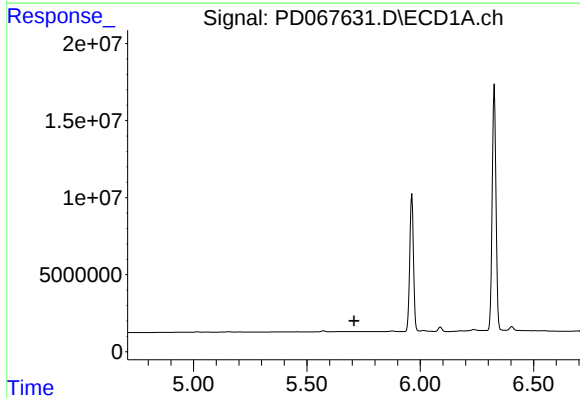
R.T.: 5.574 min
Delta R.T.: -0.002 min
Response: 796484
Conc: 0.36 ng/ml

Instrument :
ECD_D
ClientSampleId :



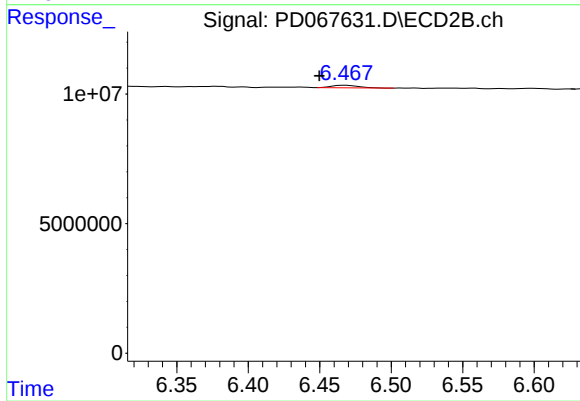
#12 4,4'-DDE

R.T.: 6.296 min
Delta R.T.: -0.004 min
Response: 2105203
Conc: 0.34 ng/ml



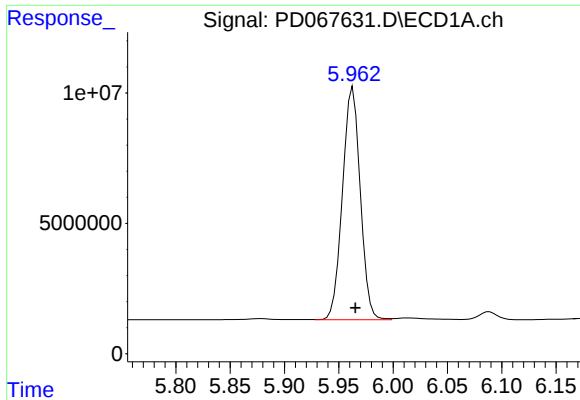
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.708 min
Response: 0
Conc: N.D.



#13 Dieldrin

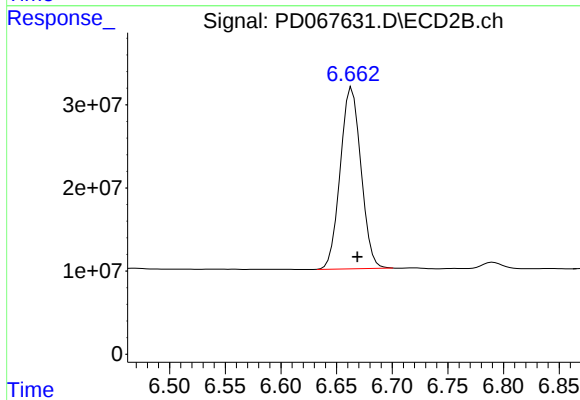
R.T.: 6.468 min
Delta R.T.: 0.018 min
Response: 1265974
Conc: 0.19 ng/ml



#14 Endrin

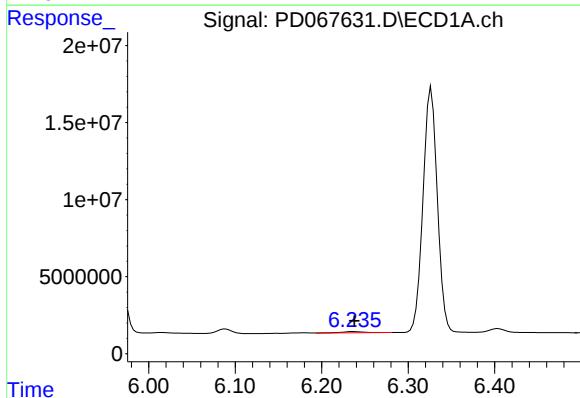
R.T.: 5.963 min
Delta R.T.: -0.002 min
Response: 101909458
Conc: 48.51 ng/ml

Instrument :
ECD_D
ClientSampleId :



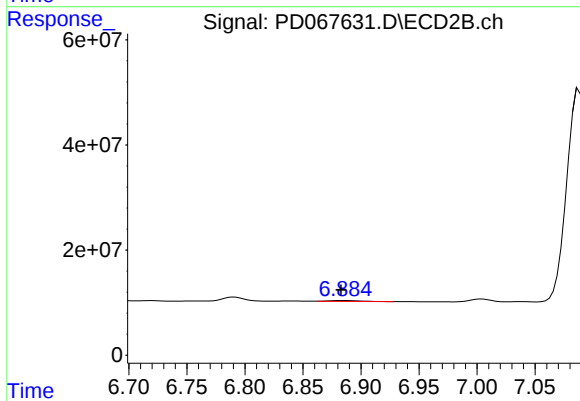
#14 Endrin

R.T.: 6.664 min
Delta R.T.: -0.005 min
Response: 282722794
Conc: 51.00 ng/ml



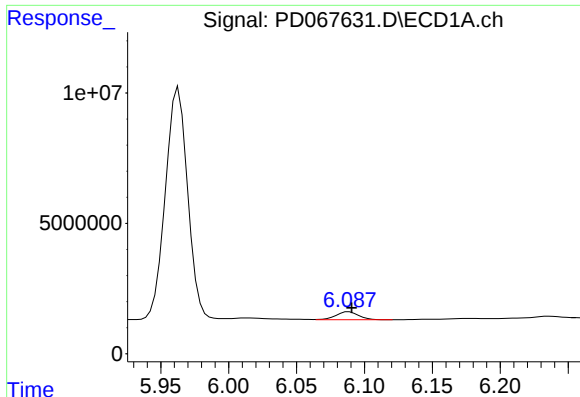
#15 Endosulfan II

R.T.: 6.236 min
Delta R.T.: -0.002 min
Response: 1526522
Conc: 0.76 ng/ml



#15 Endosulfan II

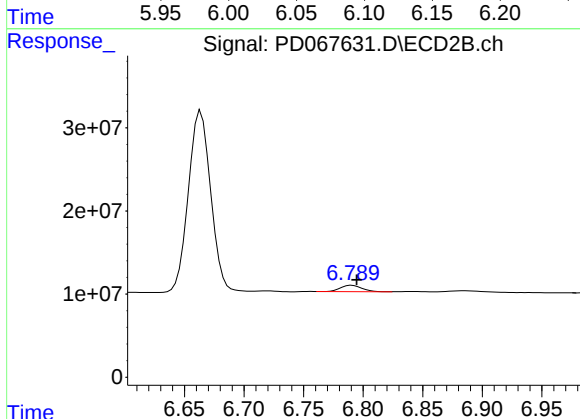
R.T.: 6.885 min
Delta R.T.: 0.002 min
Response: 3401943
Conc: 0.57 ng/ml



#16 4,4'-DDD

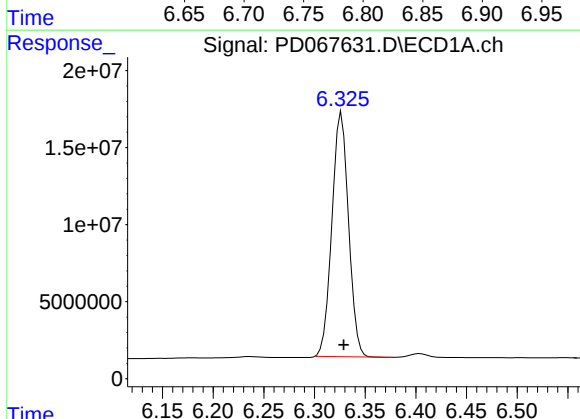
R.T.: 6.089 min
Delta R.T.: -0.002 min
Response: 3602600
Conc: 2.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



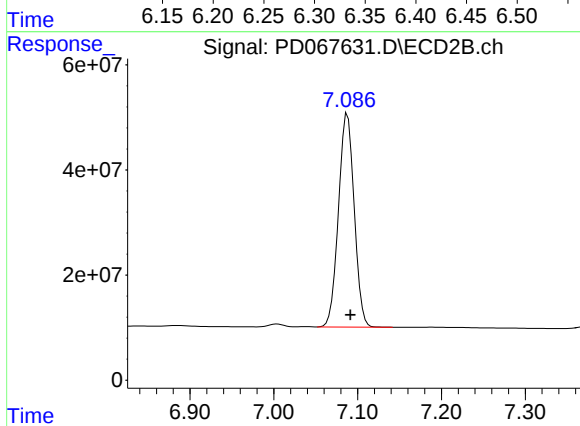
#16 4,4'-DDD

R.T.: 6.791 min
Delta R.T.: -0.004 min
Response: 9544096
Conc: 1.91 ng/ml



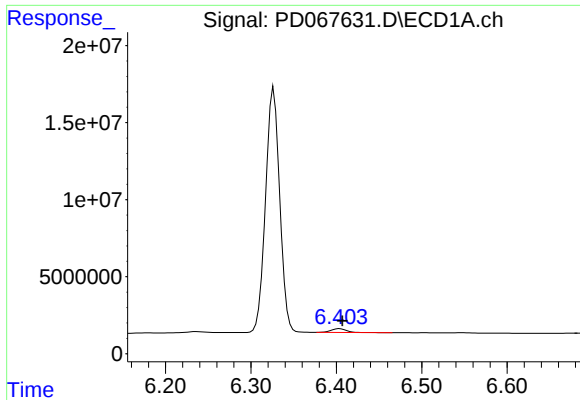
#17 4,4'-DDT

R.T.: 6.327 min
Delta R.T.: -0.002 min
Response: 181514334
Conc: 111.08 ng/ml



#17 4,4'-DDT

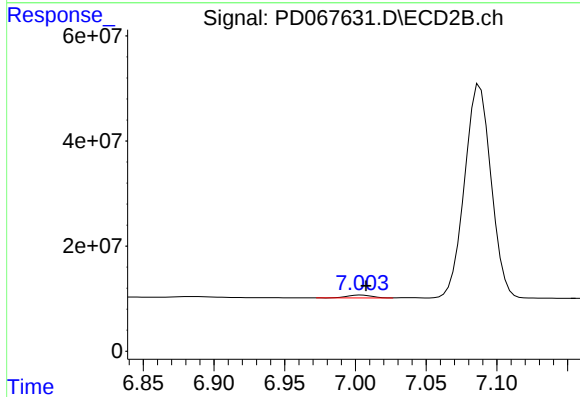
R.T.: 7.088 min
Delta R.T.: -0.004 min
Response: 530104090
Conc: 99.07 ng/ml



#18 Endrin aldehyde

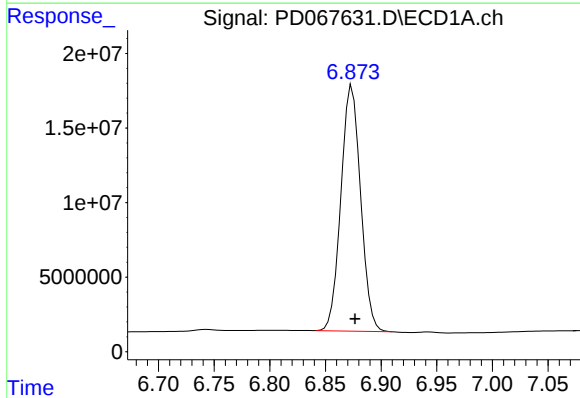
R.T.: 6.404 min
Delta R.T.: -0.003 min
Response: 3000151
Conc: 1.97 ng/ml

Instrument :
ECD_D
ClientSampleId :



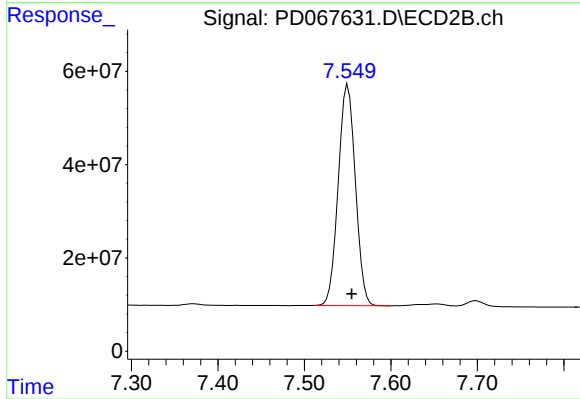
#18 Endrin aldehyde

R.T.: 7.004 min
Delta R.T.: -0.003 min
Response: 6597821
Conc: 1.46 ng/ml



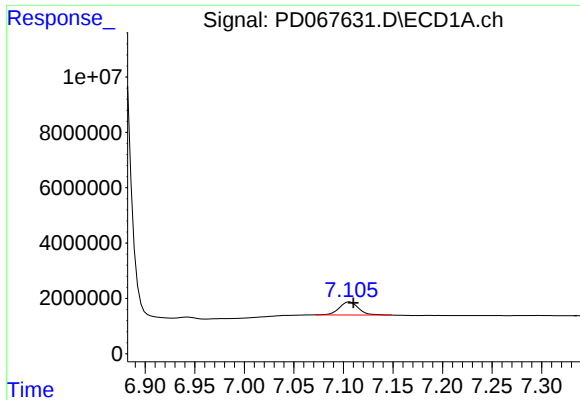
#20 Methoxychlor

R.T.: 6.874 min
Delta R.T.: -0.003 min
Response: 202809852
Conc: 238.91 ng/ml



#20 Methoxychlor

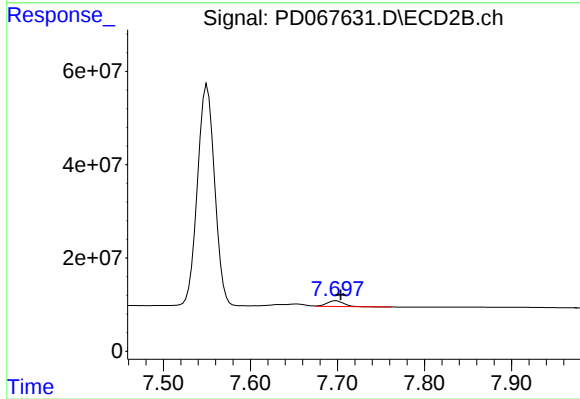
R.T.: 7.550 min
Delta R.T.: -0.004 min
Response: 648347929
Conc: 223.46 ng/ml



#21 Endrin ketone

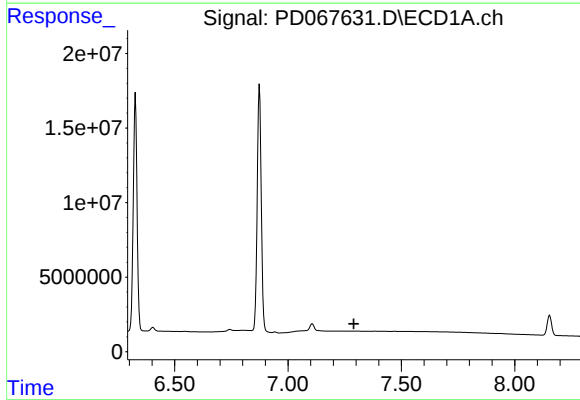
R.T.: 7.107 min
Delta R.T.: -0.004 min
Response: 6388216
Conc: 3.73 ng/ml

Instrument :
ECD_D
ClientSampleId :



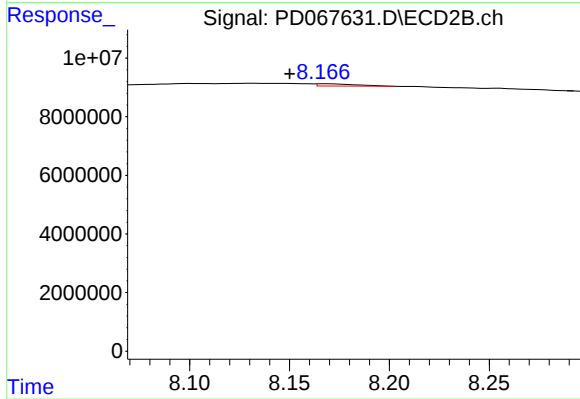
#21 Endrin ketone

R.T.: 7.699 min
Delta R.T.: -0.005 min
Response: 16187491
Conc: 2.58 ng/ml



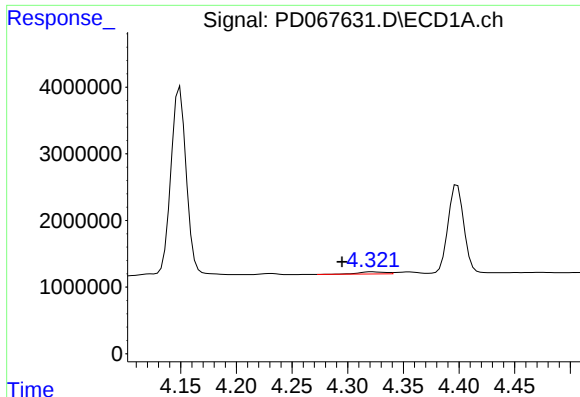
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.290 min
Response: 0
Conc: N.D.



#22 Mirex

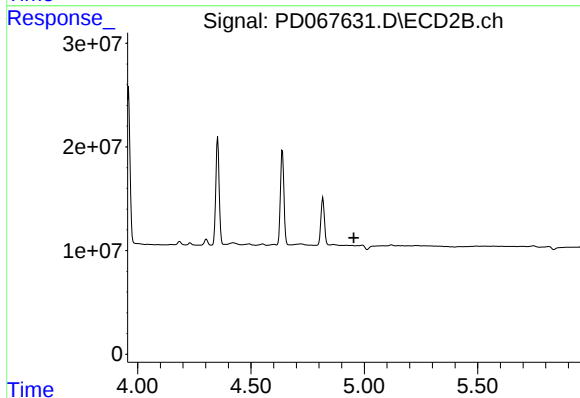
R.T.: 8.168 min
Delta R.T.: 0.018 min
Response: 1049640
Conc: 0.24 ng/ml



#23 Chlordane-1

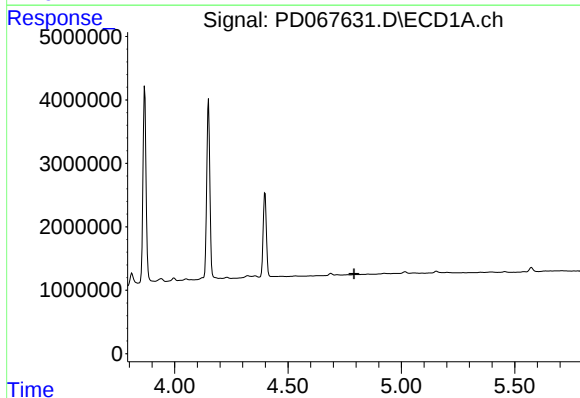
R.T.: 4.322 min
Delta R.T.: 0.027 min
Response: 536025
Conc: 6.79 ng/ml

Instrument :
ECD_D
ClientSampleId :



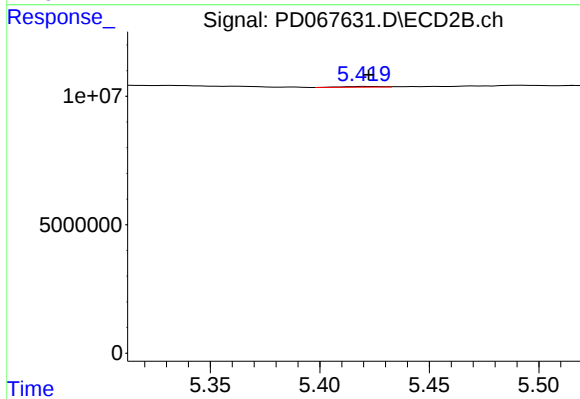
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.953 min
Response: 0
Conc: N.D.



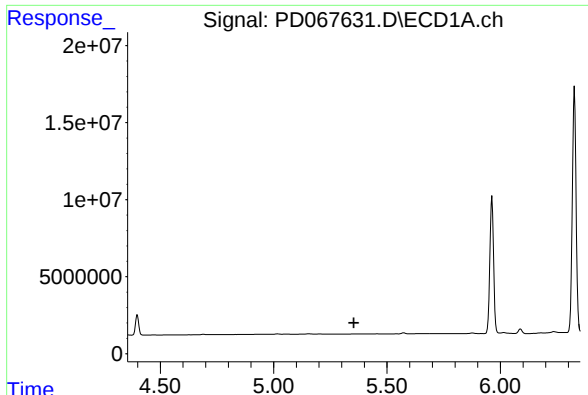
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.792 min
Response: 0
Conc: N.D.



#24 Chlordane-2

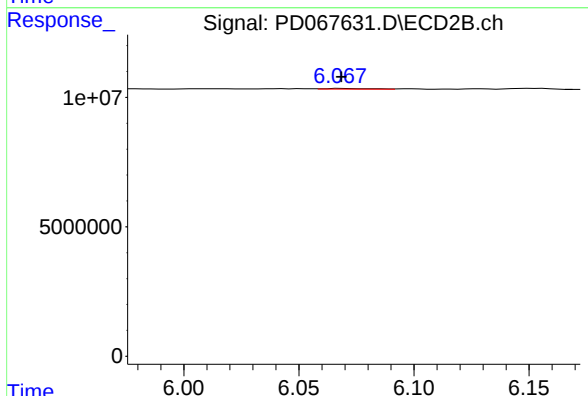
R.T.: 5.421 min
Delta R.T.: 0.000 min
Response: 328454
Conc: 1.20 ng/ml



#25 Chlordane-3

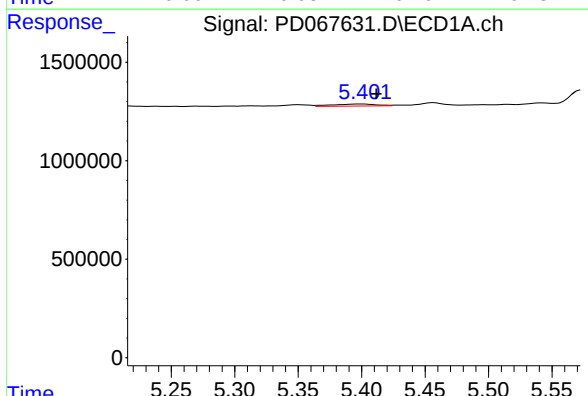
R.T.: 0.000 min
Exp R.T.: 5.354 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



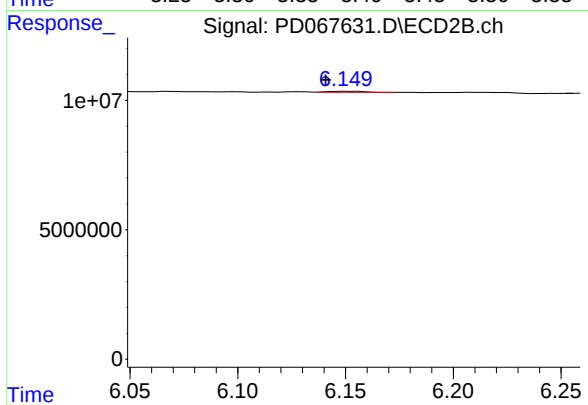
#25 Chlordane-3

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 328025
Conc: 0.34 ng/ml



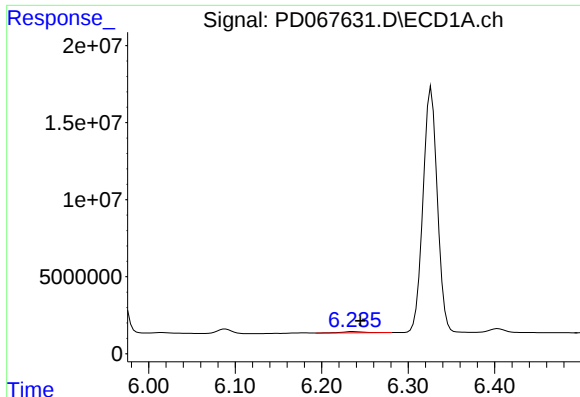
#26 Chlordane-4

R.T.: 5.401 min
Delta R.T.: -0.011 min
Response: 256473
Conc: 1.17 ng/ml



#26 Chlordane-4

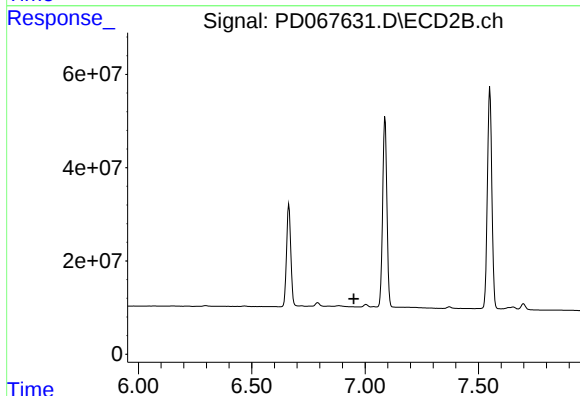
R.T.: 6.151 min
Delta R.T.: 0.010 min
Response: 495703
Conc: 0.43 ng/ml



#27 Chlordane-5

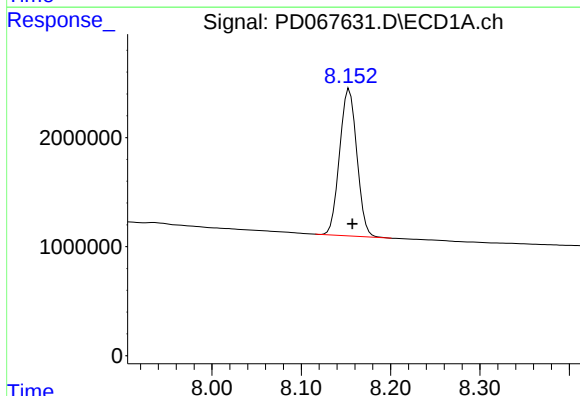
R.T.: 6.236 min
Delta R.T.: -0.008 min
Response: 1526522
Conc: 17.63 ng/ml

Instrument :
ECD_D
ClientSampleId :



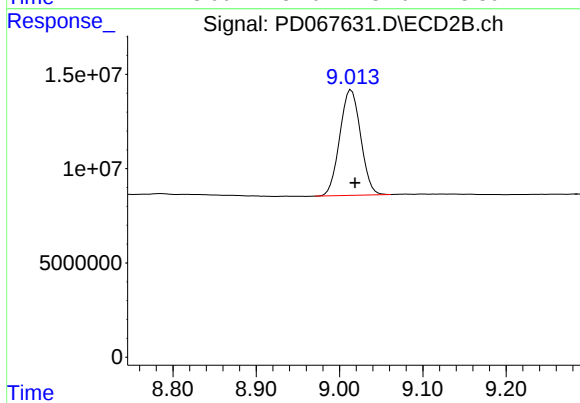
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.950 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.154 min
Delta R.T.: -0.003 min
Response: 18095489
Conc: 20.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.014 min
Delta R.T.: -0.005 min
Response: 97302501
Conc: 20.47 ng/ml