

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070822\
 Data File : PD070763.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2022 14:03
 Operator : AR\AJ
 Sample : N3214-08
 Misc : PEST LOQ 5PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 15:48:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070522.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 07 15:26:38 2022
 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...	3.490	4.124	43512776	517.2E6	17.824	20.001
28)	SA Decachlor...	8.269	9.315	49072076	169.6E6	19.791	20.620
Target Compounds							
2)	A alpha-BHC	3.933	4.529	15972234	260.8E6	4.549	7.096 #
3)	MA gamma-BHC...	4.218	4.822	19822251	250.9E6	5.825	7.722 #
4)	MA Heptachlor	4.519	5.337	16305519	202.5E6	4.835	6.536 #
5)	MB Aldrin	4.769	5.649	16148226	178.9E6	4.892	6.345 #
6)	B beta-BHC	4.468	4.997	7430020	110.8E6	5.092	6.958 #
7)	B delta-BHC	4.674	5.221	15253395	182.7E6	4.662	6.387 #
8)	B Heptachlo...	5.215	6.044	15619569	161.6E6	5.184	7.101 #
9)	A Endosulfan I	5.556	6.408	14510678	134.7E6	5.183	6.578 #
10)	B gamma-Chl...	5.442	6.280	15927450	150.6E6	5.135	6.605 #
11)	B alpha-Chl...	5.501	6.353	15854304	145.4E6	5.213	6.600 #
12)	B 4,4'-DDE	5.667	6.508	14253036	127.9E6	4.902	6.253 #
13)	MA Dieldrin	5.800	6.669	15264039	129.3E6	5.073	6.382 #
14)	MA Endrin	6.059	6.892	13219975	92571041	4.917	6.014
15)	B Endosulfa...	6.332	7.106	13319364	93756370	5.610	6.386
16)	A 4,4'-DDD	6.185	7.007	12884306	31305959	5.280	2.212 #
17)	MA 4,4'-DDT	6.427	7.309	12777377	91785979	5.118	6.024
18)	B Endrin al...	6.502	7.232	10987383	75505538	5.910	6.594
19)	B Endosulfa...	6.715	7.456	13635116	89090108	5.614	6.492
20)	A Methoxychlor	6.977	7.768	8245295	42629699	5.769	6.216
21)	B Endrin ke...	7.209	7.938	15770244	85291950	5.928	6.647
22)	Mirex	7.397	8.391	14572630	54035959	6.658	6.766
23)	Chlordane-1	4.350	0.000	3200021	0	37.897	N.D. #
24)	Chlordane-2	0.000	5.649f	0	178.9E6	N.D.	207.302 #
25)	Chlordane-3	5.442	6.280	15927450	150.6E6	57.045	50.311
26)	Chlordane-4	5.501	6.353	15854304	145.4E6	68.692	41.935 #
27)	Chlordane-5	6.332	7.156f	13319364	627714	132.726	1.143 #

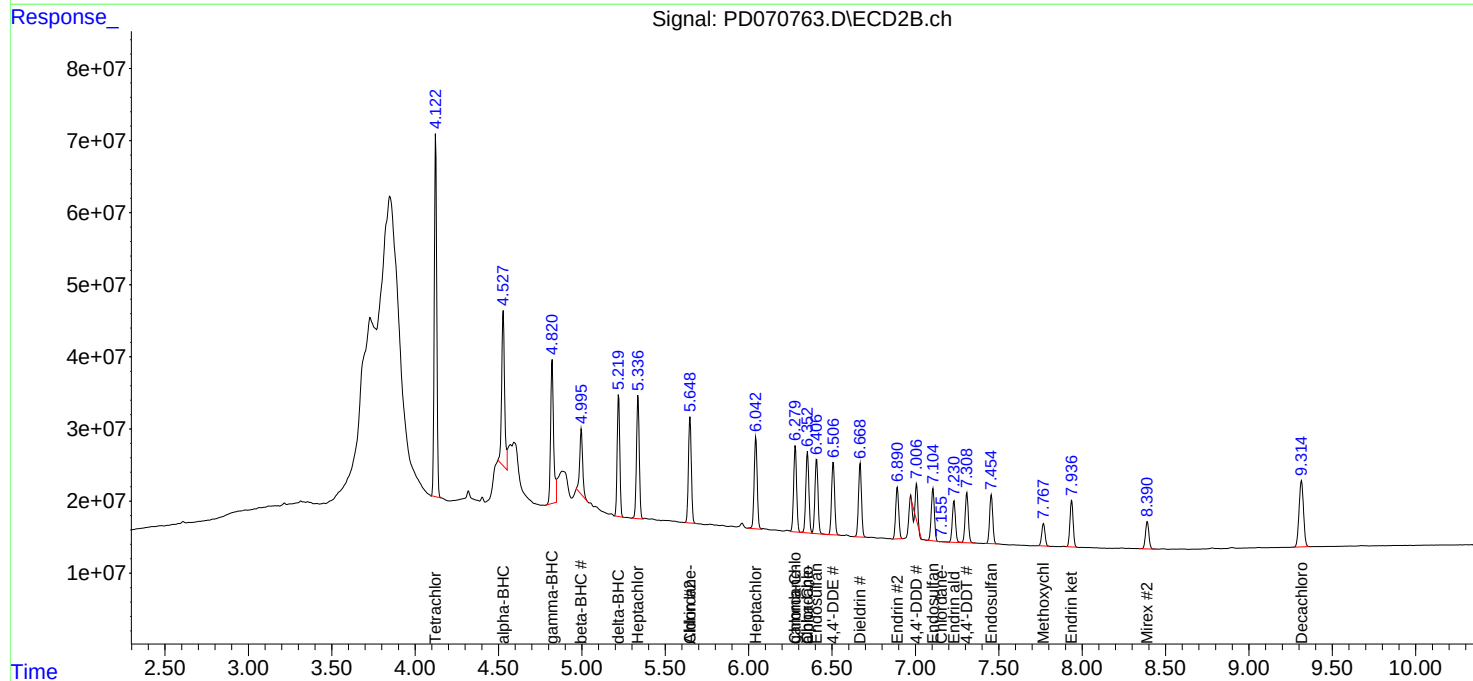
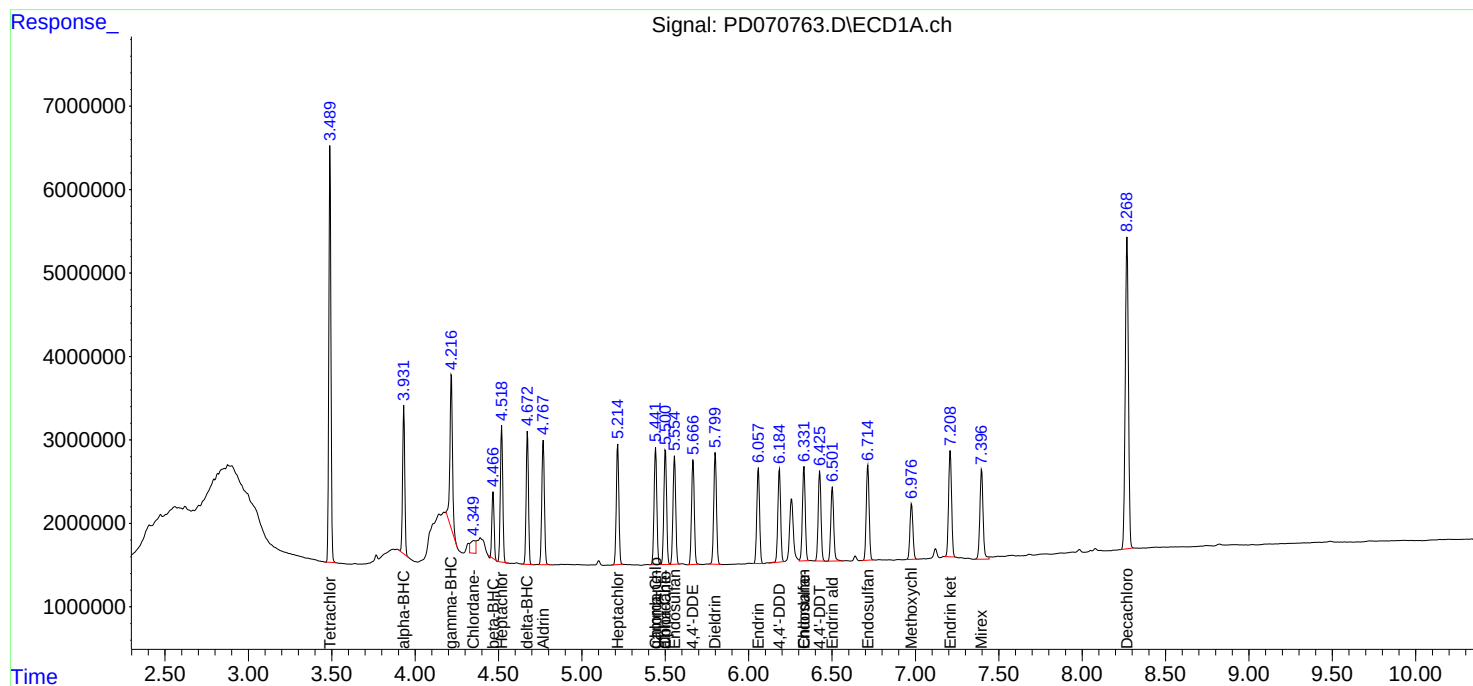
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

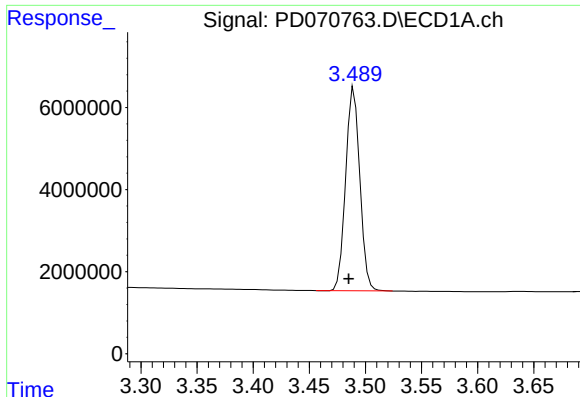
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070822\
Data File : PD070763.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2022 14:03
Operator : AR\AJ
Sample : N3214-08
Misc : PEST LOQ 5PPB
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 15:48:54 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070522.M
Quant Title : GC Extractables
QLast Update : Thu Jul 07 15:26:38 2022
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

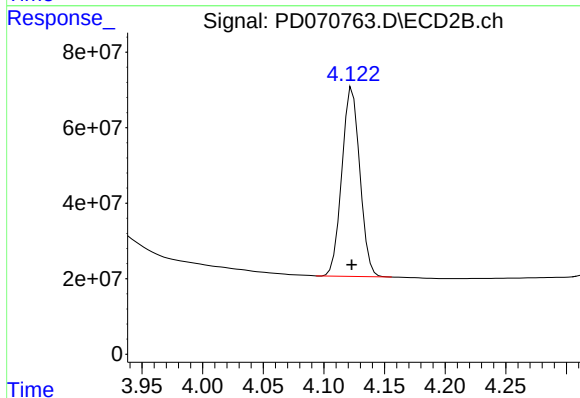




#1 Tetrachloro-m-xylene

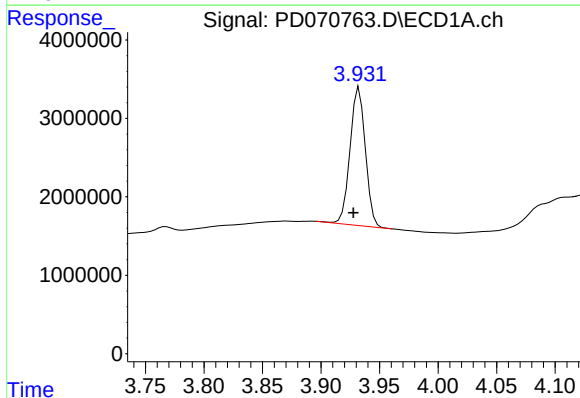
R.T.: 3.490 min
Delta R.T.: 0.005 min
Response: 43512776
Conc: 17.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



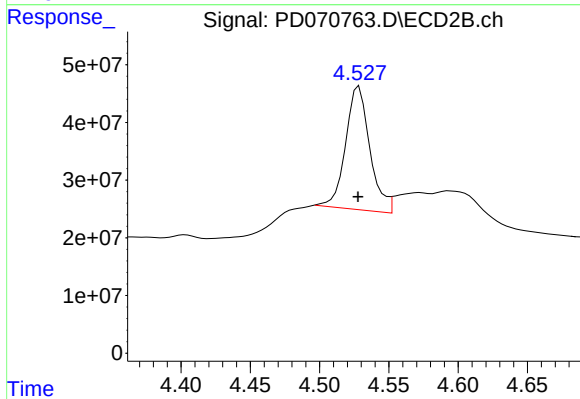
#1 Tetrachloro-m-xylene

R.T.: 4.124 min
Delta R.T.: 0.000 min
Response: 517246320
Conc: 20.00 ng/ml



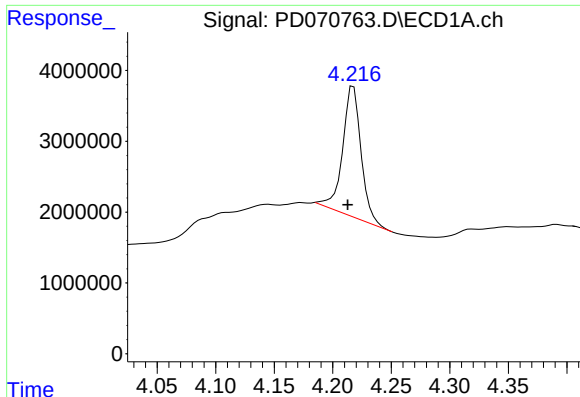
#2 alpha-BHC

R.T.: 3.933 min
Delta R.T.: 0.005 min
Response: 15972234
Conc: 4.55 ng/ml



#2 alpha-BHC

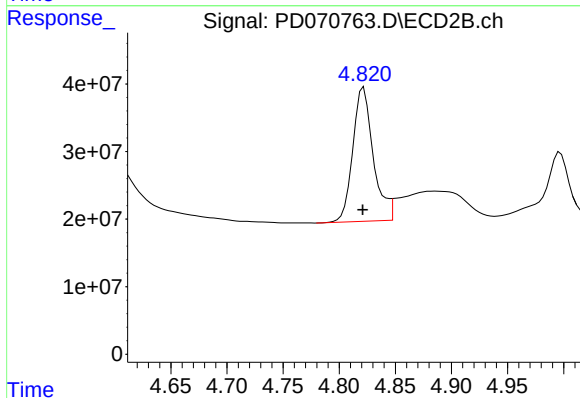
R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 260759597
Conc: 7.10 ng/ml



#3 gamma-BHC (Lindane)

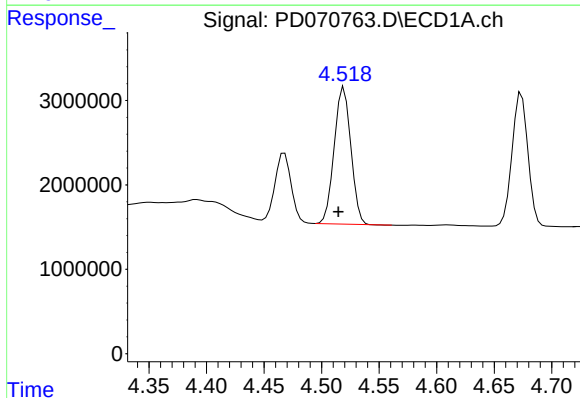
R.T.: 4.218 min
Delta R.T.: 0.005 min
Response: 19822251
Conc: 5.83 ng/ml

Instrument :
ECD_D
ClientSampleId :



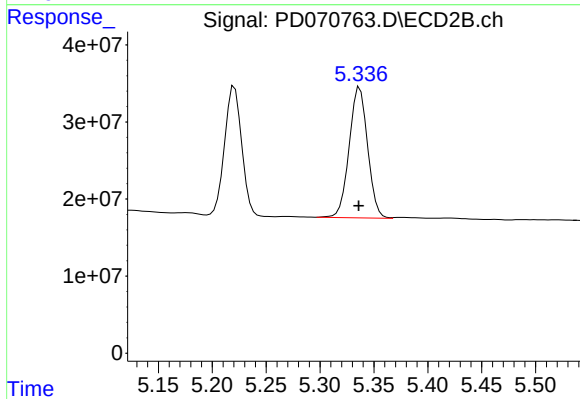
#3 gamma-BHC (Lindane)

R.T.: 4.822 min
Delta R.T.: 0.000 min
Response: 250874392
Conc: 7.72 ng/ml



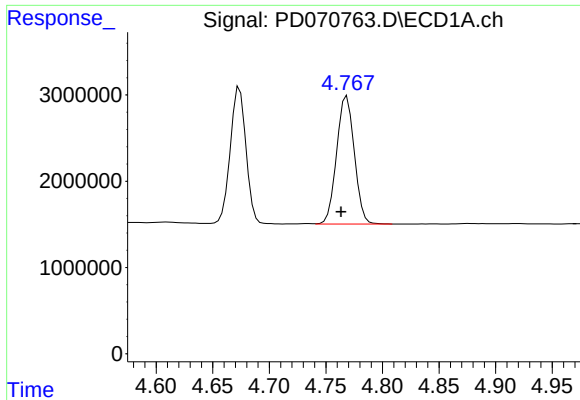
#4 Heptachlor

R.T.: 4.519 min
Delta R.T.: 0.005 min
Response: 16305519
Conc: 4.83 ng/ml



#4 Heptachlor

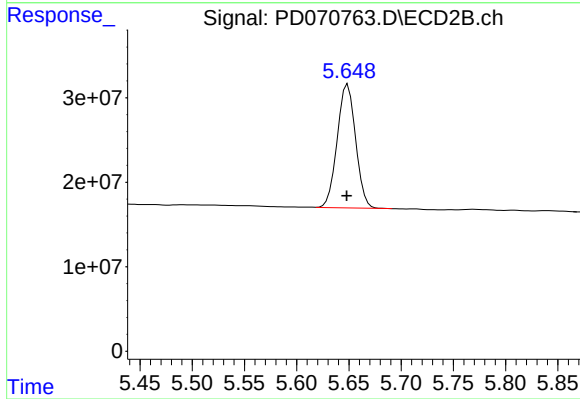
R.T.: 5.337 min
Delta R.T.: 0.000 min
Response: 202462244
Conc: 6.54 ng/ml



#5 Aldrin

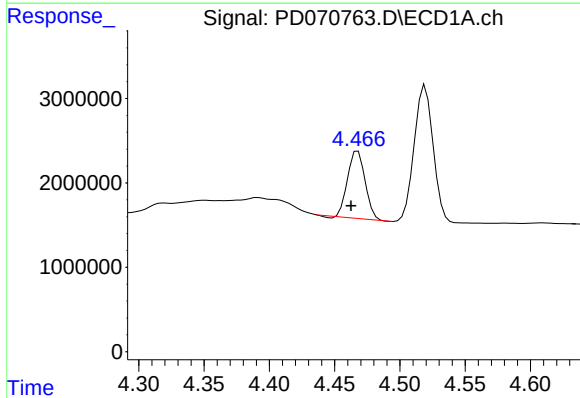
R.T.: 4.769 min
Delta R.T.: 0.005 min
Response: 16148226
Conc: 4.89 ng/ml

Instrument :
ECD_D
ClientSampleId :



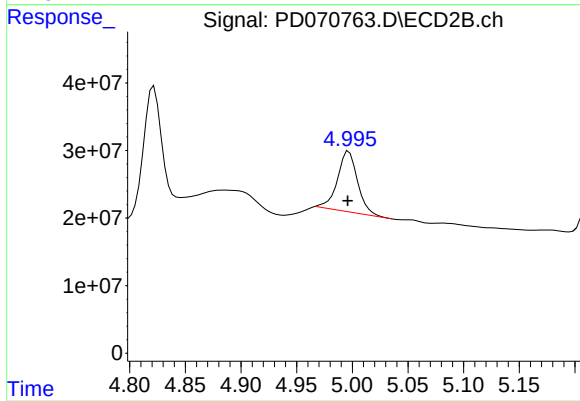
#5 Aldrin

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 178884334
Conc: 6.34 ng/ml



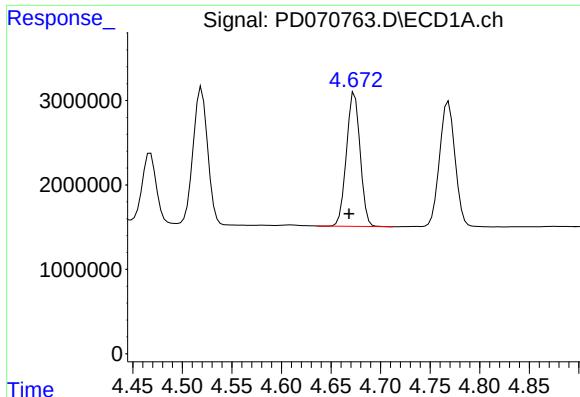
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.005 min
Response: 7430020
Conc: 5.09 ng/ml



#6 beta-BHC

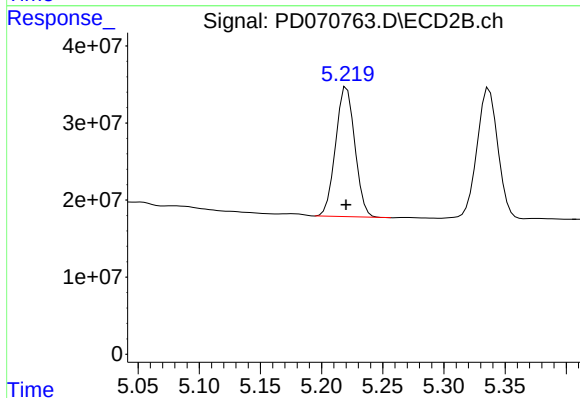
R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 110818144
Conc: 6.96 ng/ml



#7 delta-BHC

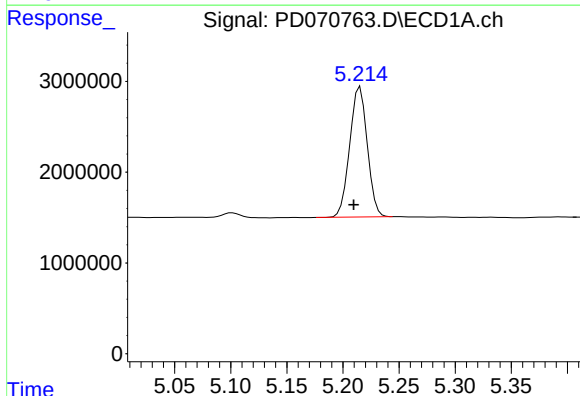
R.T.: 4.674 min
Delta R.T.: 0.005 min
Response: 15253395
Conc: 4.66 ng/ml

Instrument :
ECD_D
ClientSampleId :



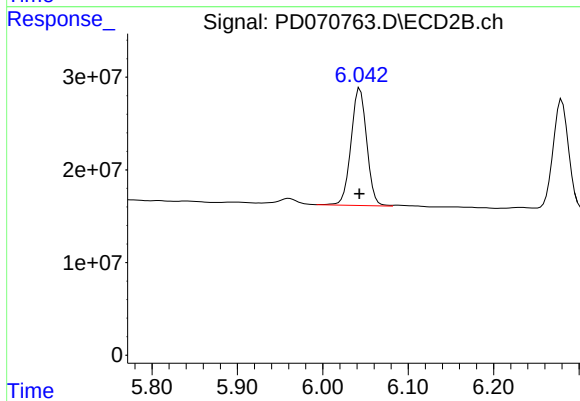
#7 delta-BHC

R.T.: 5.221 min
Delta R.T.: 0.000 min
Response: 182712400
Conc: 6.39 ng/ml



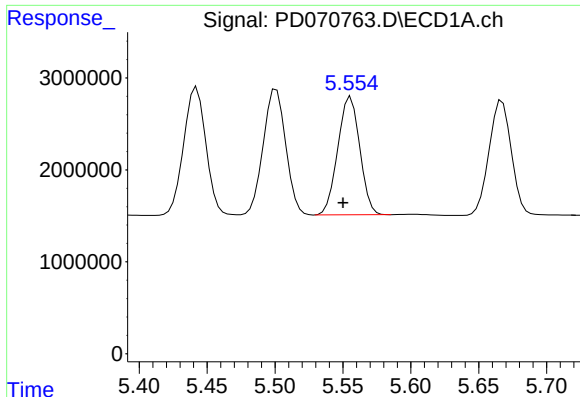
#8 Heptachlor epoxide

R.T.: 5.215 min
Delta R.T.: 0.006 min
Response: 15619569
Conc: 5.18 ng/ml



#8 Heptachlor epoxide

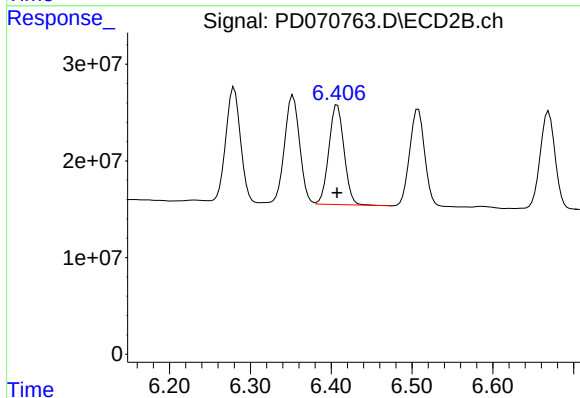
R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 161600821
Conc: 7.10 ng/ml



#9 Endosulfan I

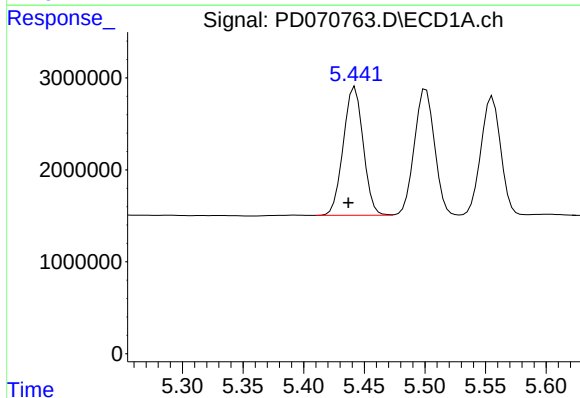
R.T.: 5.556 min
Delta R.T.: 0.006 min
Response: 14510678
Conc: 5.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



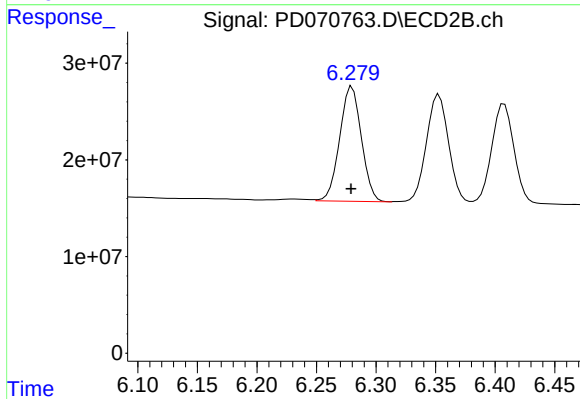
#9 Endosulfan I

R.T.: 6.408 min
Delta R.T.: 0.000 min
Response: 134700247
Conc: 6.58 ng/ml



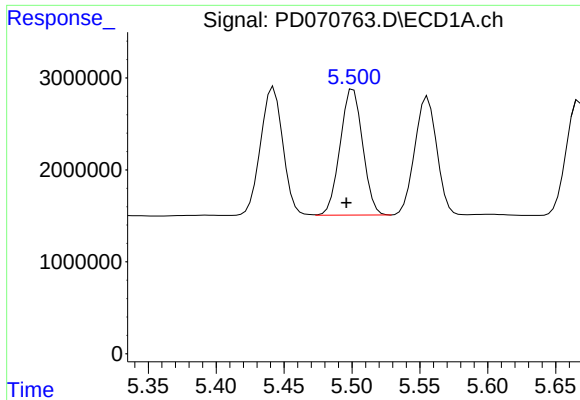
#10 gamma-Chlordane

R.T.: 5.442 min
Delta R.T.: 0.005 min
Response: 15927450
Conc: 5.13 ng/ml



#10 gamma-Chlordane

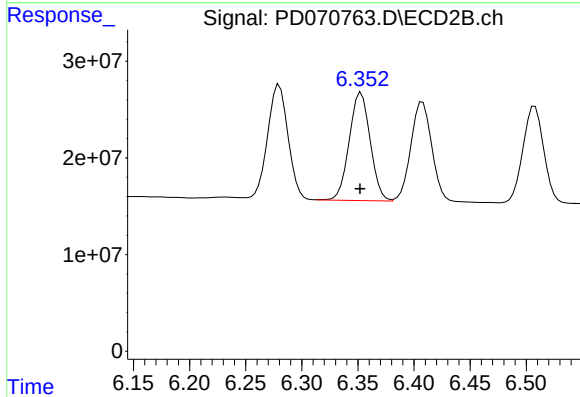
R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 150631713
Conc: 6.61 ng/ml



#11 alpha-Chlordane

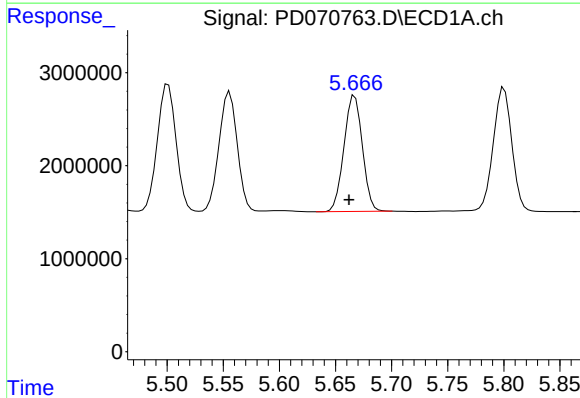
R.T.: 5.501 min
Delta R.T.: 0.005 min
Response: 15854304
Conc: 5.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



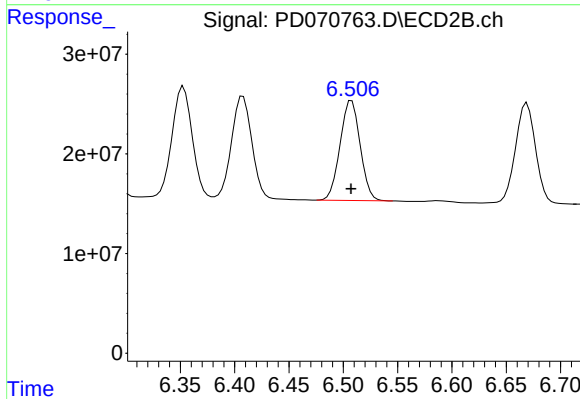
#11 alpha-Chlordane

R.T.: 6.353 min
Delta R.T.: 0.001 min
Response: 145395542
Conc: 6.60 ng/ml



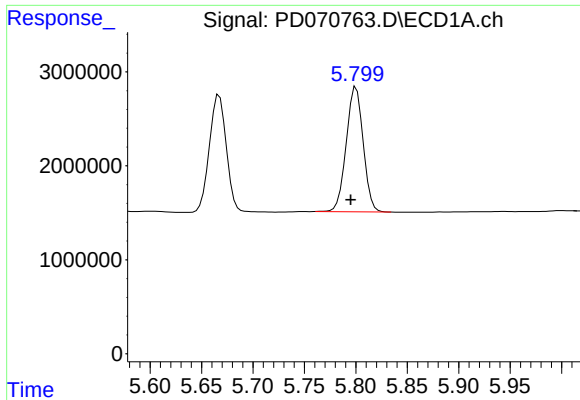
#12 4,4'-DDE

R.T.: 5.667 min
Delta R.T.: 0.005 min
Response: 14253036
Conc: 4.90 ng/ml



#12 4,4'-DDE

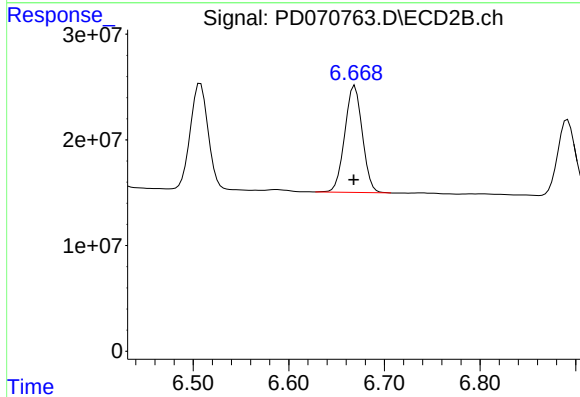
R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 127871038
Conc: 6.25 ng/ml



#13 Dieldrin

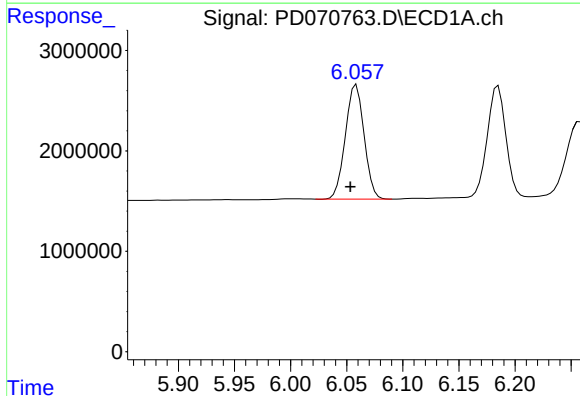
R.T.: 5.800 min
Delta R.T.: 0.005 min
Response: 15264039
Conc: 5.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



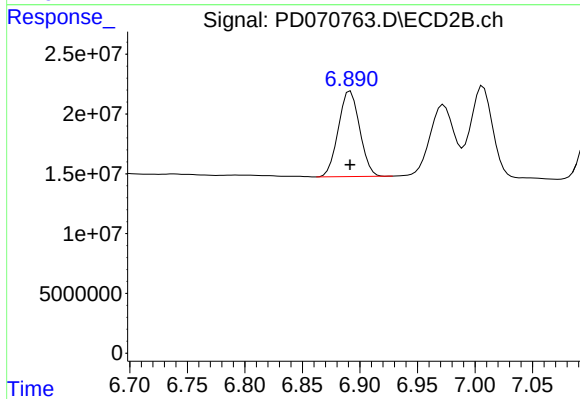
#13 Dieldrin

R.T.: 6.669 min
Delta R.T.: 0.001 min
Response: 129345491
Conc: 6.38 ng/ml



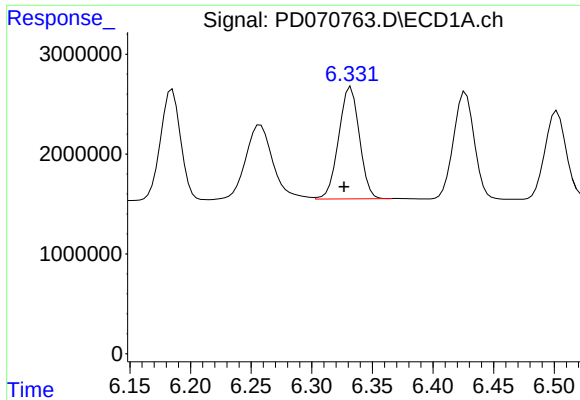
#14 Endrin

R.T.: 6.059 min
Delta R.T.: 0.005 min
Response: 13219975
Conc: 4.92 ng/ml



#14 Endrin

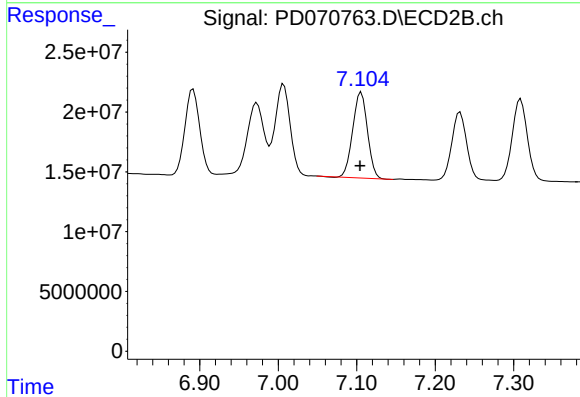
R.T.: 6.892 min
Delta R.T.: 0.000 min
Response: 92571041
Conc: 6.01 ng/ml



#15 Endosulfan II

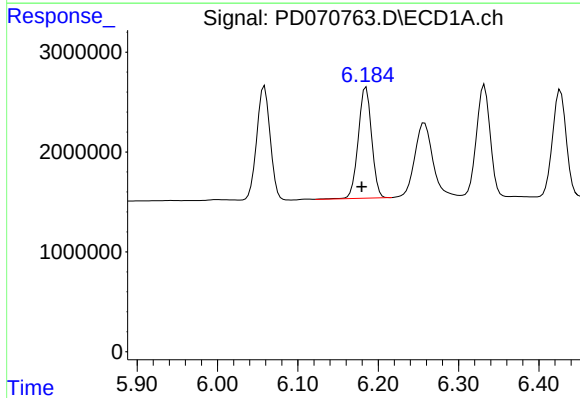
R.T.: 6.332 min
Delta R.T.: 0.006 min
Response: 13319364
Conc: 5.61 ng/ml

Instrument :
ECD_D
ClientSampleId :



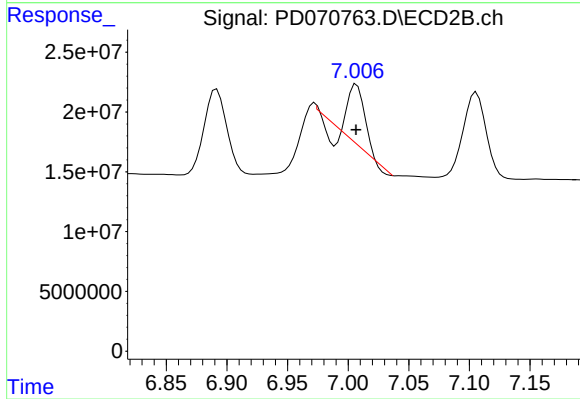
#15 Endosulfan II

R.T.: 7.106 min
Delta R.T.: 0.001 min
Response: 93756370
Conc: 6.39 ng/ml



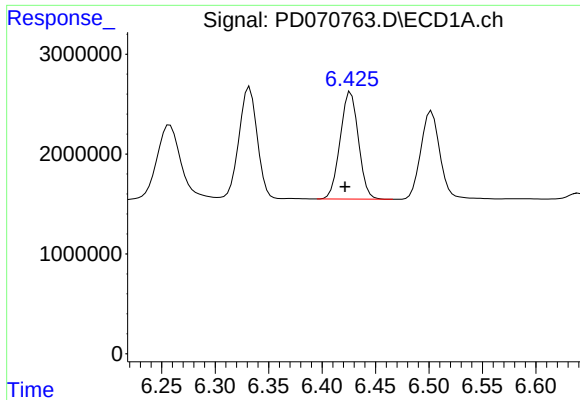
#16 4,4'-DDD

R.T.: 6.185 min
Delta R.T.: 0.005 min
Response: 12884306
Conc: 5.28 ng/ml



#16 4,4'-DDD

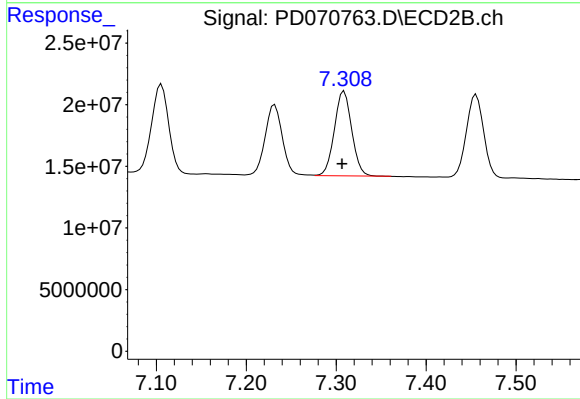
R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 31305959
Conc: 2.21 ng/ml



#17 4,4'-DDT

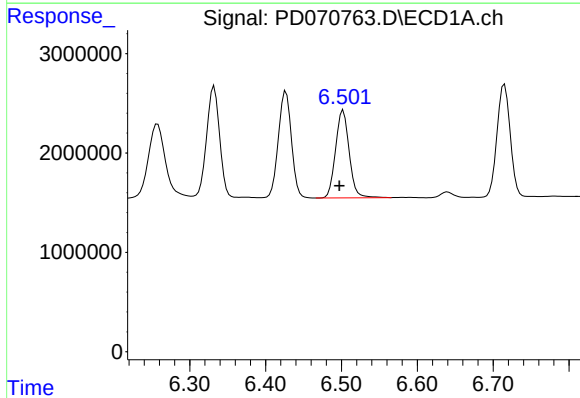
R.T.: 6.427 min
Delta R.T.: 0.005 min
Response: 12777377
Conc: 5.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



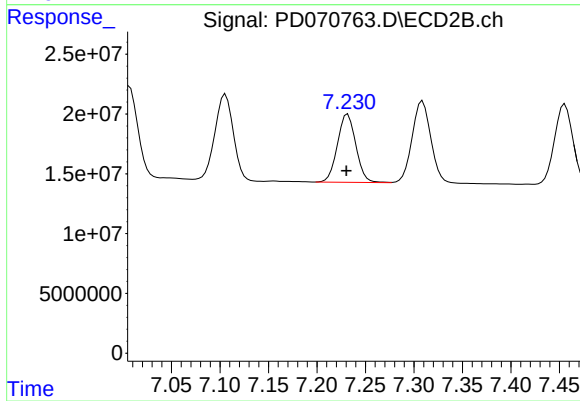
#17 4,4'-DDT

R.T.: 7.309 min
Delta R.T.: 0.002 min
Response: 91785979
Conc: 6.02 ng/ml



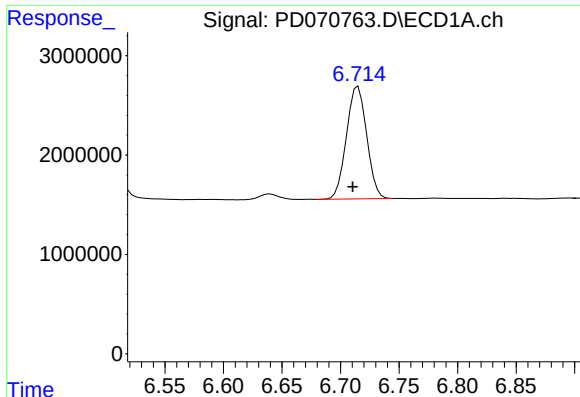
#18 Endrin aldehyde

R.T.: 6.502 min
Delta R.T.: 0.005 min
Response: 10987383
Conc: 5.91 ng/ml



#18 Endrin aldehyde

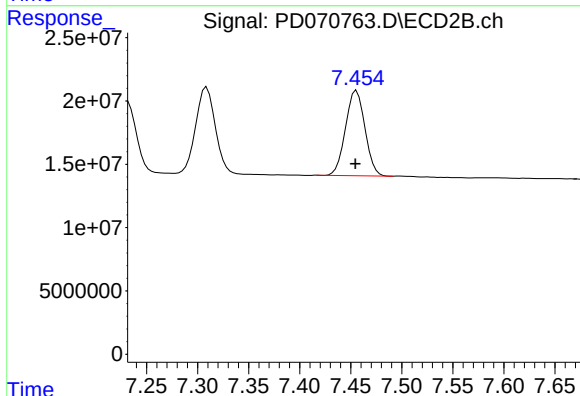
R.T.: 7.232 min
Delta R.T.: 0.001 min
Response: 75505538
Conc: 6.59 ng/ml



#19 Endosulfan Sulfate

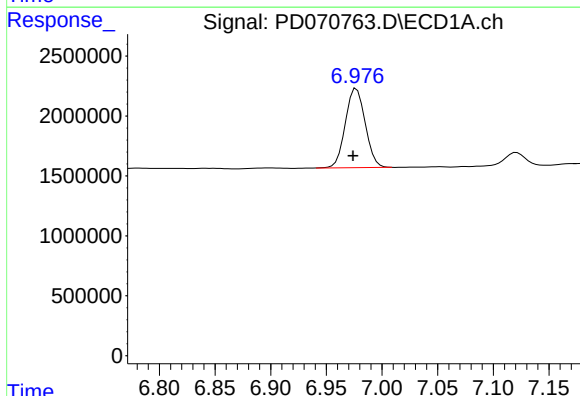
R.T.: 6.715 min
Delta R.T.: 0.005 min
Response: 13635116
Conc: 5.61 ng/ml

Instrument :
ECD_D
ClientSampleId :



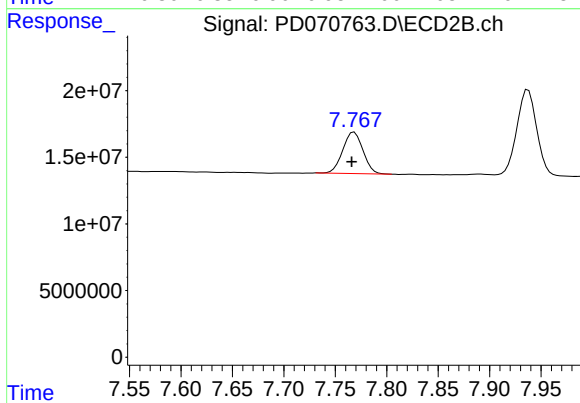
#19 Endosulfan Sulfate

R.T.: 7.456 min
Delta R.T.: 0.001 min
Response: 89090108
Conc: 6.49 ng/ml



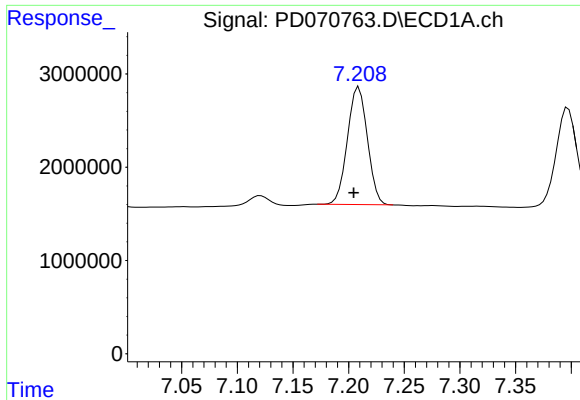
#20 Methoxychlor

R.T.: 6.977 min
Delta R.T.: 0.003 min
Response: 8245295
Conc: 5.77 ng/ml



#20 Methoxychlor

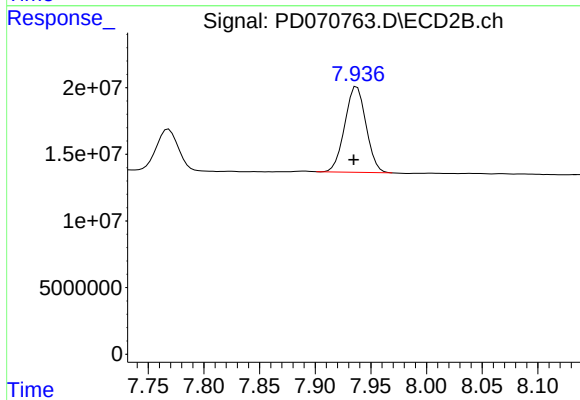
R.T.: 7.768 min
Delta R.T.: 0.002 min
Response: 42629699
Conc: 6.22 ng/ml



#21 Endrin ketone

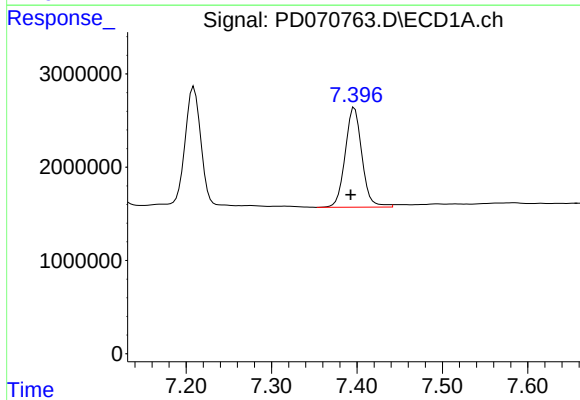
R.T.: 7.209 min
Delta R.T.: 0.005 min
Response: 15770244
Conc: 5.93 ng/ml

Instrument :
ECD_D
ClientSampleId :



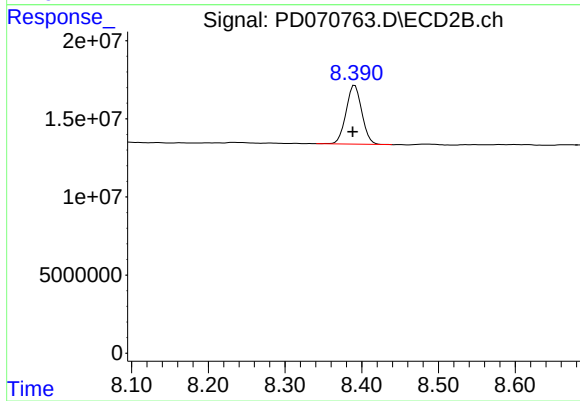
#21 Endrin ketone

R.T.: 7.938 min
Delta R.T.: 0.003 min
Response: 85291950
Conc: 6.65 ng/ml



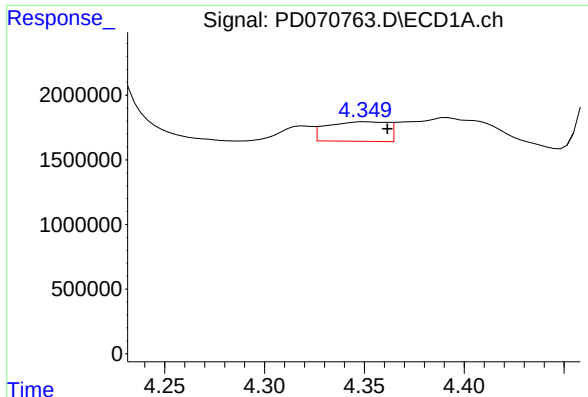
#22 Mirex

R.T.: 7.397 min
Delta R.T.: 0.005 min
Response: 14572630
Conc: 6.66 ng/ml



#22 Mirex

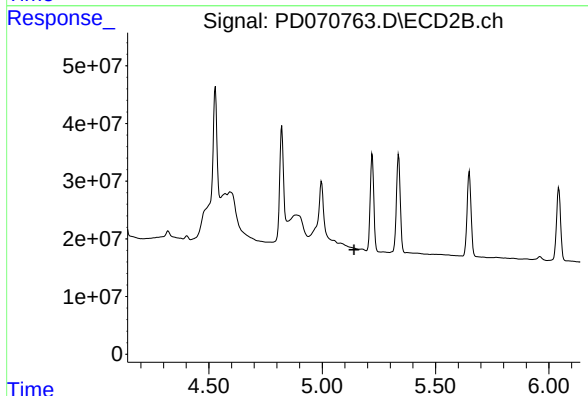
R.T.: 8.391 min
Delta R.T.: 0.003 min
Response: 54035959
Conc: 6.77 ng/ml



#23 Chlordane-1

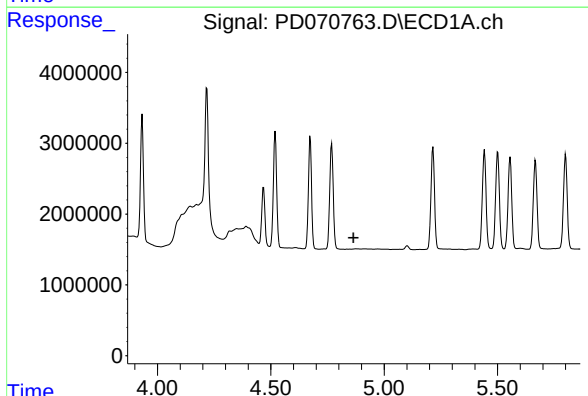
R.T.: 4.350 min
Delta R.T.: -0.011 min
Response: 3200021
Conc: 37.90 ng/ml

Instrument :
ECD_D
ClientSampleId :



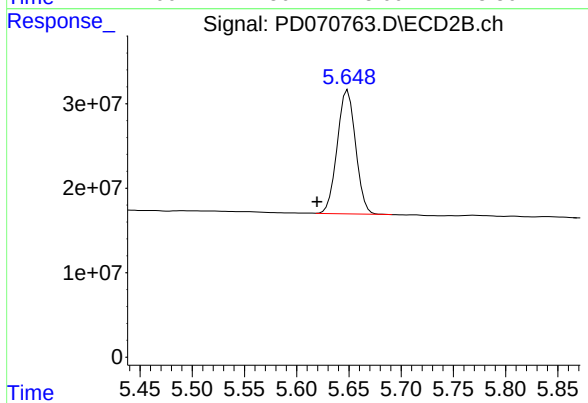
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.141 min
Response: 0
Conc: N.D.



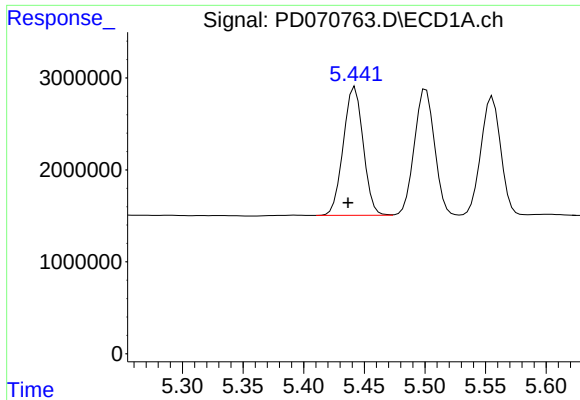
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.865 min
Response: 0
Conc: N.D.



#24 Chlordane-2

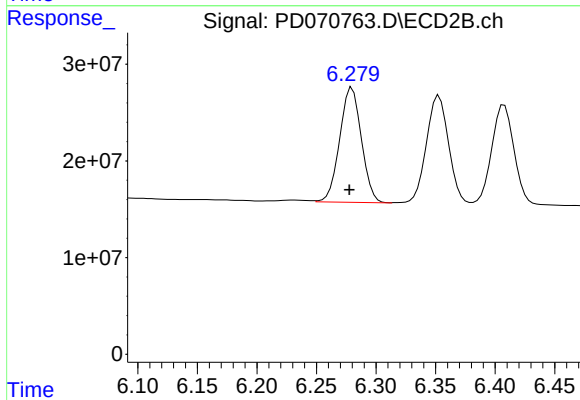
R.T.: 5.649 min
Delta R.T.: 0.029 min
Response: 178884334
Conc: 207.30 ng/ml



#25 Chlordane-3

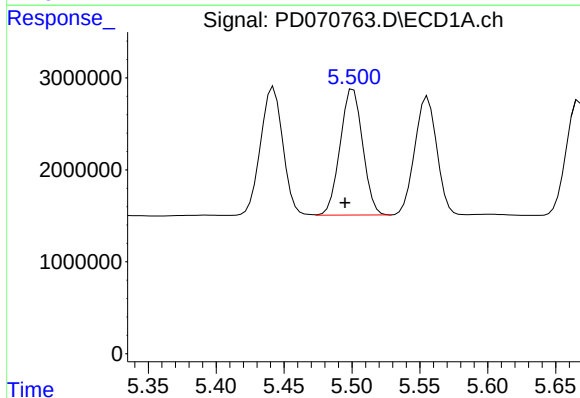
R.T.: 5.442 min
Delta R.T.: 0.006 min
Response: 15927450
Conc: 57.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



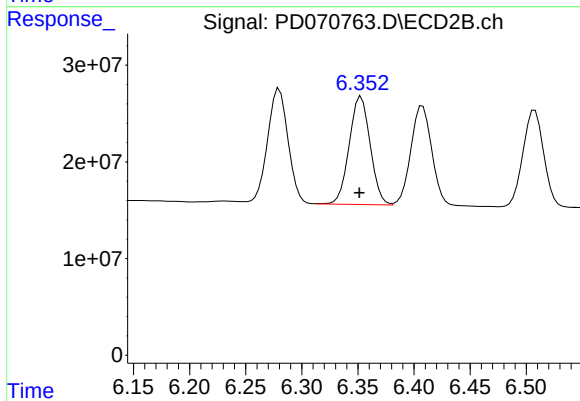
#25 Chlordane-3

R.T.: 6.280 min
Delta R.T.: 0.002 min
Response: 150631713
Conc: 50.31 ng/ml



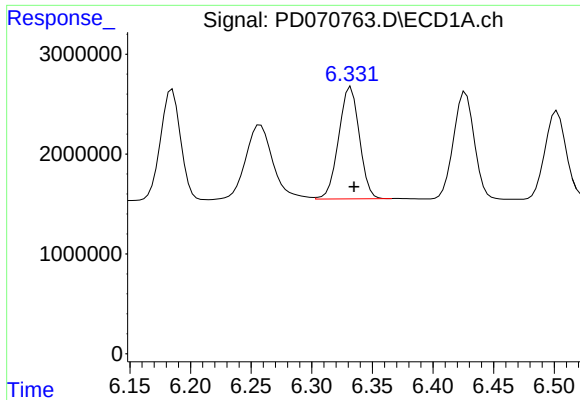
#26 Chlordane-4

R.T.: 5.501 min
Delta R.T.: 0.006 min
Response: 15854304
Conc: 68.69 ng/ml



#26 Chlordane-4

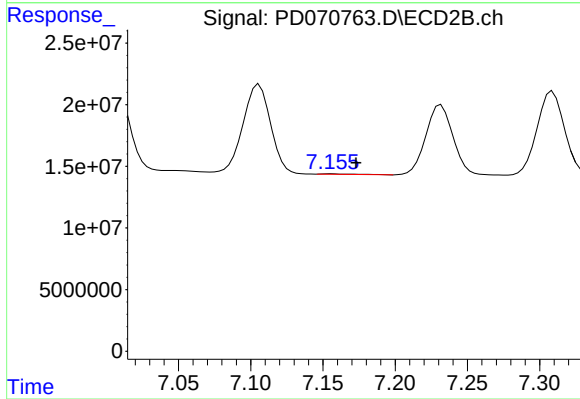
R.T.: 6.353 min
Delta R.T.: 0.002 min
Response: 145395542
Conc: 41.94 ng/ml



#27 Chlordane-5

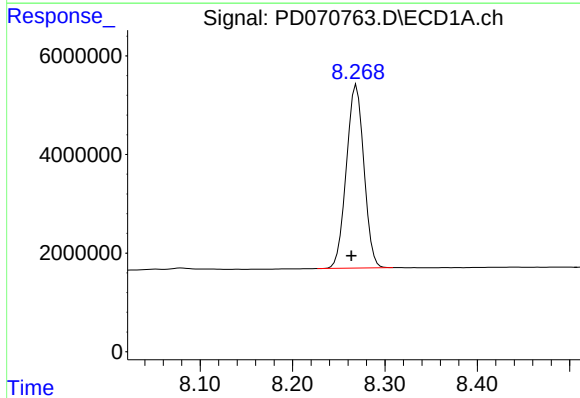
R.T.: 6.332 min
Delta R.T.: -0.003 min
Response: 13319364
Conc: 132.73 ng/ml

Instrument :
ECD_D
ClientSampleId :



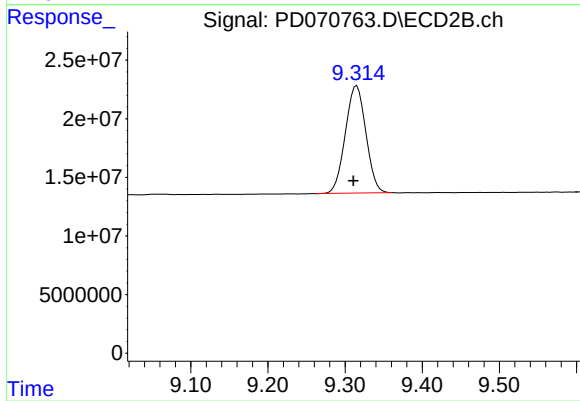
#27 Chlordane-5

R.T.: 7.156 min
Delta R.T.: -0.017 min
Response: 627714
Conc: 1.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.269 min
Delta R.T.: 0.005 min
Response: 49072076
Conc: 19.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.315 min
Delta R.T.: 0.004 min
Response: 169635780
Conc: 20.62 ng/ml