

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091820\
 Data File : PL061577.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2020 10:22
 Operator : DD\AJ
 Sample : L4038-09MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

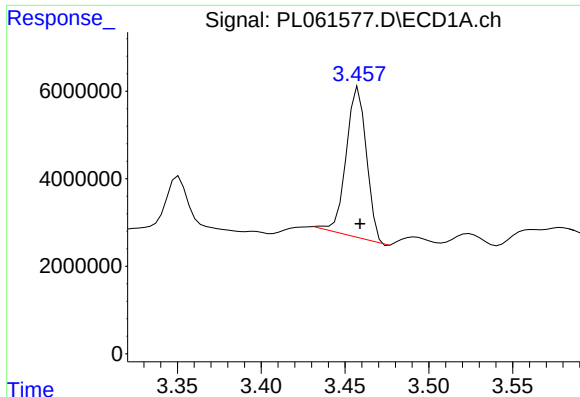
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 15:16:13 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 01:27:38 2020
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.458	4.007	29011982	36472100	16.822	11.857 #
28)	SA Decachlor...	8.208	9.095	33596148	43531921	20.138	18.410
Target Compounds							
2)	A alpha-BHC	3.895	4.397	87953577	170.8E6	34.368	36.978
3)	MA gamma-BHC...	4.180	4.682	135.4E6	234.8E6	59.322	54.720
4)	MA Heptachlor	4.479	5.193	79339869	128.8E6	36.979	32.957
5)	MB Aldrin	4.727	5.499	71040236	133.0E6	37.001	35.201
6)	B beta-BHC	4.429	4.855	33519047	45221309	34.894	25.895 #
7)	B delta-BHC	4.633	5.072	71939318	97556605	33.209	30.587
8)	B Heptachlo...	5.170	5.887	70308395	116.2E6	37.734	38.928
9)	A Endosulfan I	5.529f	6.246	132.9E6	153.7E6	77.235	47.905 #
10)	B gamma-Chl...	5.398	6.122	76328988	131.3E6	41.202	38.092
11)	B alpha-Chl...	5.456	6.195	101.4E6	133.3E6	54.748	38.318 #
12)	B 4,4'-DDE	5.620	6.351	56744880	82960152	33.371	25.881
13)	MA Dieldrin	5.752	6.503	96171041	92028612	53.578	28.068 #
14)	MA Endrin	6.008	6.720	73663162	70955689	43.833	25.377 #
15)	B Endosulfa...	6.281	6.931	68304454	86571312	39.925	29.308 #
16)	A 4,4'-DDD	6.136	6.843	31041428	97815358	21.479	38.090 #
17)	MA 4,4'-DDT	6.376	7.144	44175890	80661127	32.173	32.224
18)	B Endrin al...	6.449	7.055	41075574	59508081	27.903	24.323
19)	B Endosulfa...	6.662	7.279	45545811	63025294	27.674	23.038
20)	A Methoxychlor	6.923	7.604	10081864	44237611	11.777	30.754 #
21)	B Endrin ke...	7.151	7.751	37424161	96813106	20.465	35.661 #
22)	Mirex	7.341	8.208	31776868	69047264	21.252	35.859 #
23)	Chlordane-1	4.324	4.997	4978575	3652163	94.907	33.600 #
24)	Chlordane-2	0.000	5.499f	0	133.0E6	N.D.	1089.034 #
25)	Chlordane-3	5.398	6.122	76328988	131.3E6	460.238	303.993 #
26)	Chlordane-4	5.456	6.195	101.4E6	133.3E6	736.816	254.736 #
27)	Chlordane-5	6.281	7.019f	68304454	6410662	1215.234	76.602 #

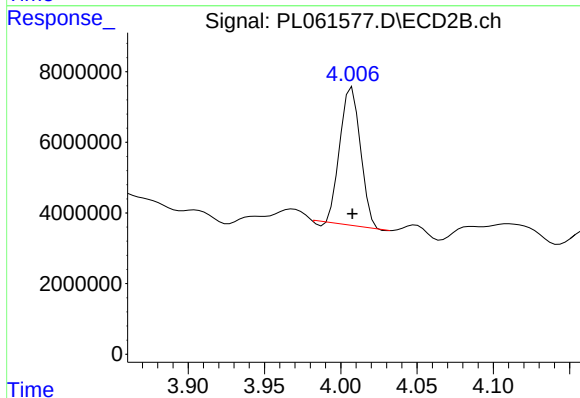
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

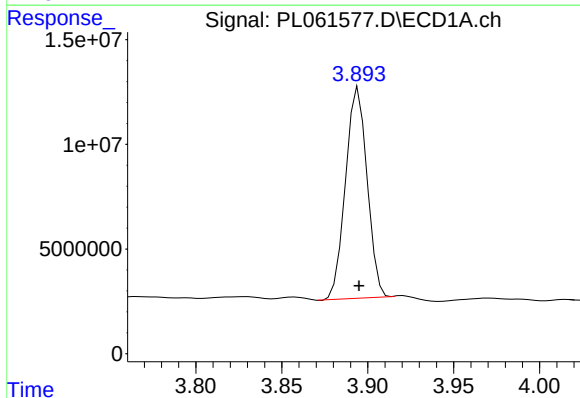
R.T.: 3.458 min
Delta R.T.: 0.000 min
Response: 29011982
Conc: 16.82 ng/ml

Instrument :
ECD_L
ClientSampleId :



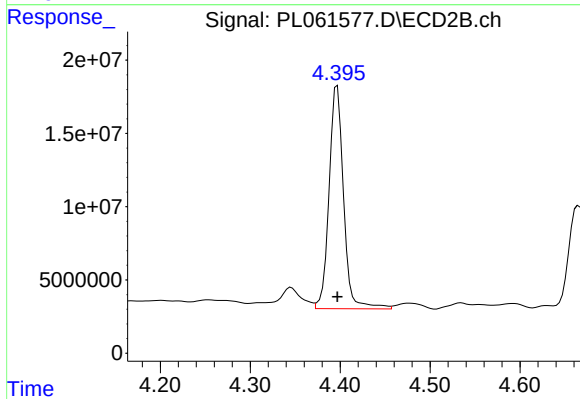
#1 Tetrachloro-m-xylene

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 36472100
Conc: 11.86 ng/ml



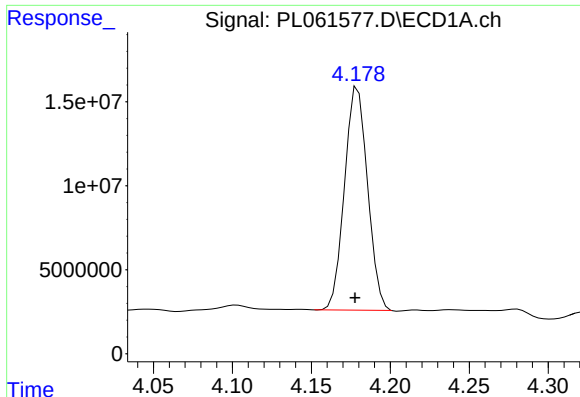
#2 alpha-BHC

R.T.: 3.895 min
Delta R.T.: 0.000 min
Response: 87953577
Conc: 34.37 ng/ml



#2 alpha-BHC

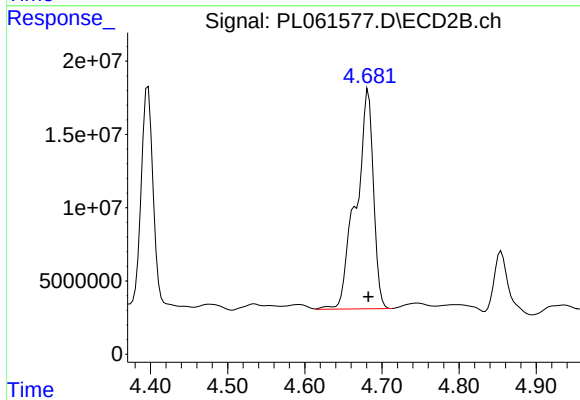
R.T.: 4.397 min
Delta R.T.: 0.000 min
Response: 170772294
Conc: 36.98 ng/ml



#3 gamma-BHC (Lindane)

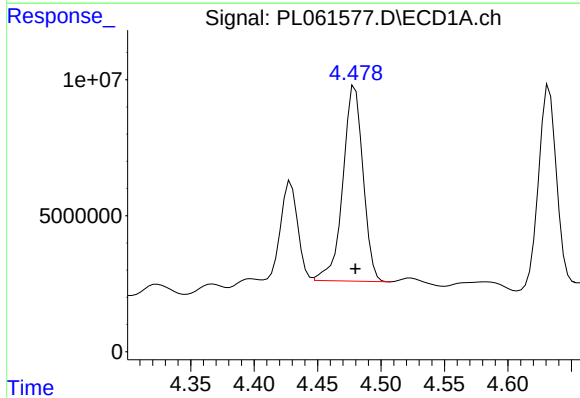
R.T.: 4.180 min
Delta R.T.: 0.002 min
Response: 135394847
Conc: 59.32 ng/ml

Instrument :
ECD_L
ClientSampleId :



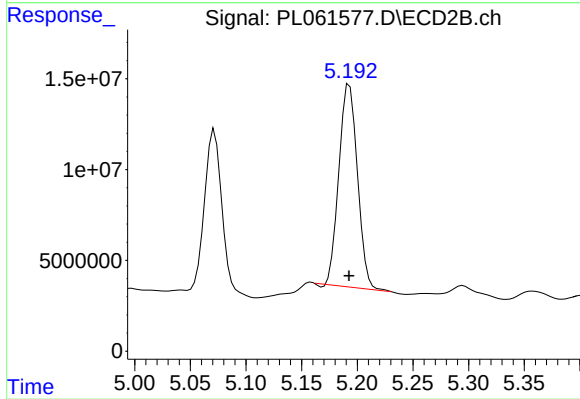
#3 gamma-BHC (Lindane)

R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 234769688
Conc: 54.72 ng/ml



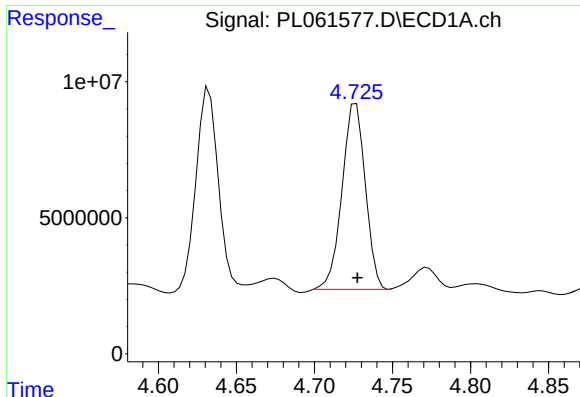
#4 Heptachlor

R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 79339869
Conc: 36.98 ng/ml



#4 Heptachlor

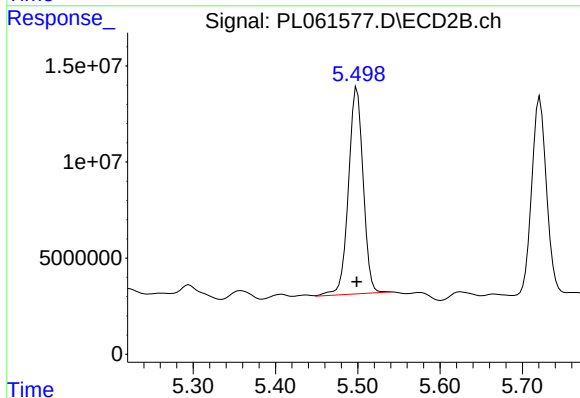
R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 128836933
Conc: 32.96 ng/ml



#5 Aldrin

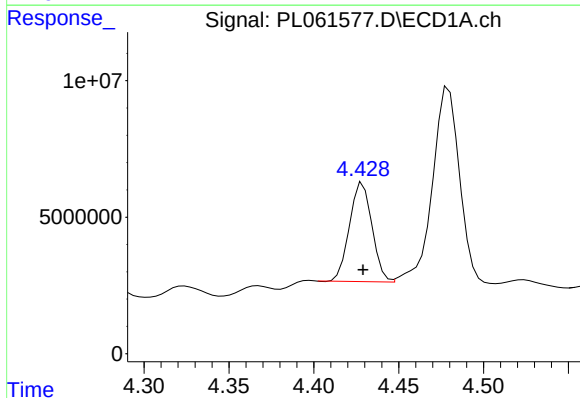
R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 71040236
Conc: 37.00 ng/ml

Instrument :
ECD_L
ClientSampleId :



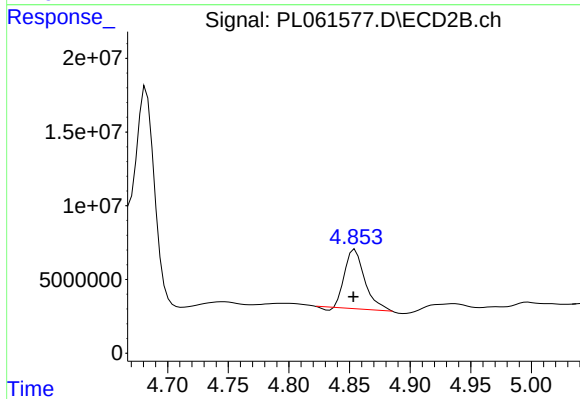
#5 Aldrin

R.T.: 5.499 min
Delta R.T.: 0.000 min
Response: 133011539
Conc: 35.20 ng/ml



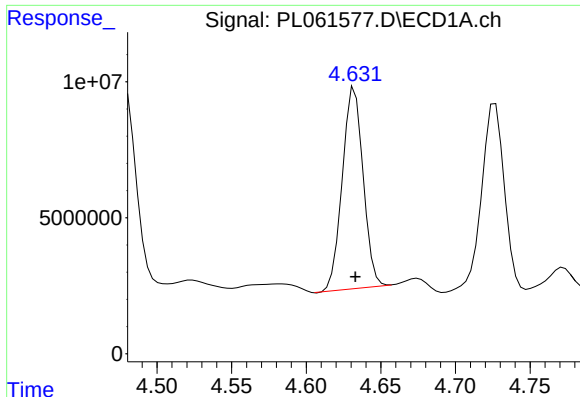
#6 beta-BHC

R.T.: 4.429 min
Delta R.T.: 0.000 min
Response: 33519047
Conc: 34.89 ng/ml



#6 beta-BHC

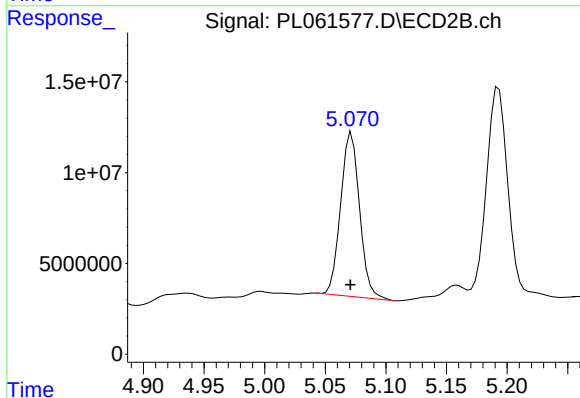
R.T.: 4.855 min
Delta R.T.: 0.001 min
Response: 45221309
Conc: 25.90 ng/ml



#7 delta-BHC

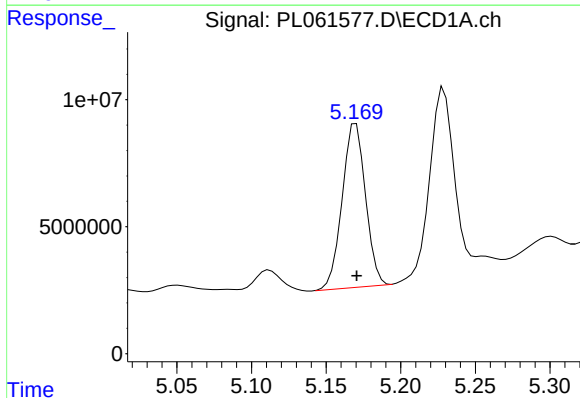
R.T.: 4.633 min
Delta R.T.: 0.000 min
Response: 71939318
Conc: 33.21 ng/ml

Instrument :
ECD_L
ClientSampleId :



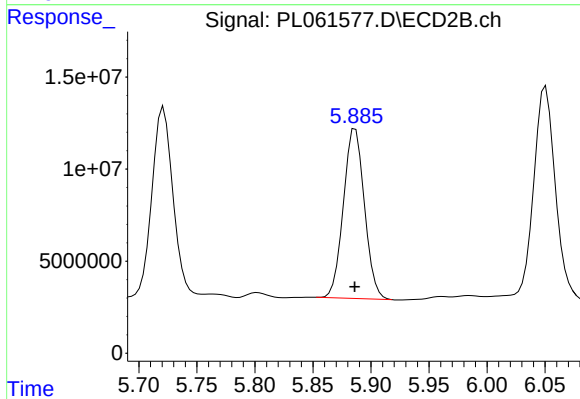
#7 delta-BHC

R.T.: 5.072 min
Delta R.T.: 0.000 min
Response: 97556605
Conc: 30.59 ng/ml



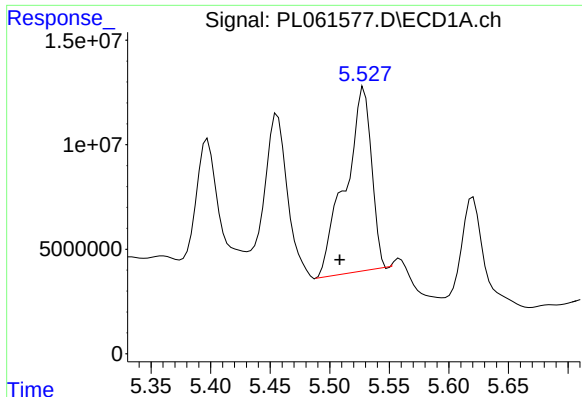
#8 Heptachlor epoxide

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 70308395
Conc: 37.73 ng/ml



#8 Heptachlor epoxide

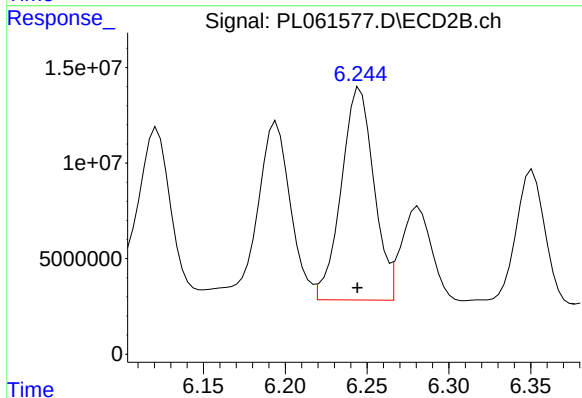
R.T.: 5.887 min
Delta R.T.: 0.000 min
Response: 116234164
Conc: 38.93 ng/ml



#9 Endosulfan I

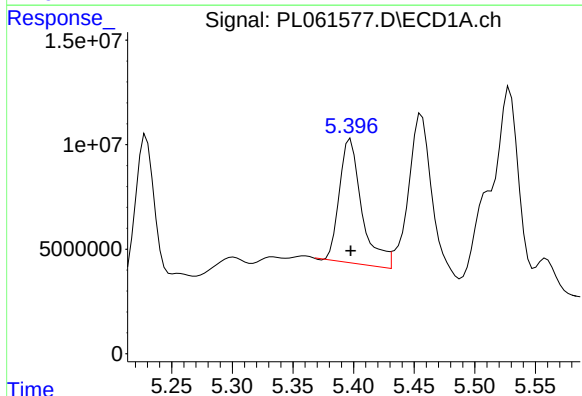
R.T.: 5.529 min
Delta R.T.: 0.020 min
Response: 132876961
Conc: 77.24 ng/ml

Instrument :
ECD_L
ClientSampleId :



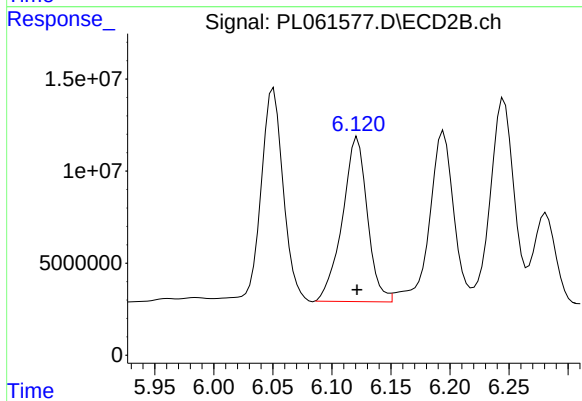
#9 Endosulfan I

R.T.: 6.246 min
Delta R.T.: 0.002 min
Response: 153672873
Conc: 47.91 ng/ml



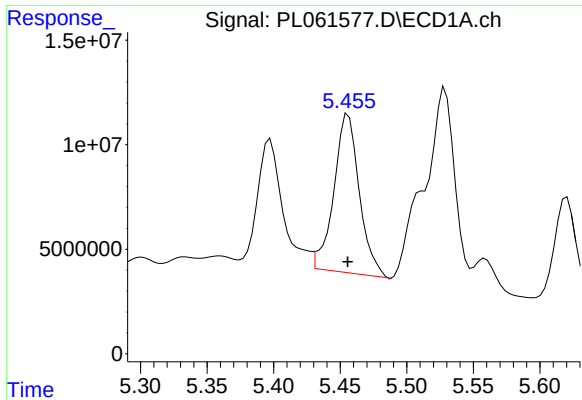
#10 gamma-Chlordane

R.T.: 5.398 min
Delta R.T.: 0.000 min
Response: 76328988
Conc: 41.20 ng/ml



#10 gamma-Chlordane

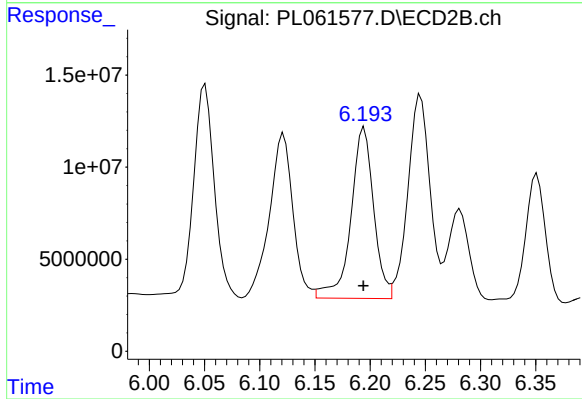
R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 131318379
Conc: 38.09 ng/ml



#11 alpha-Chlordane

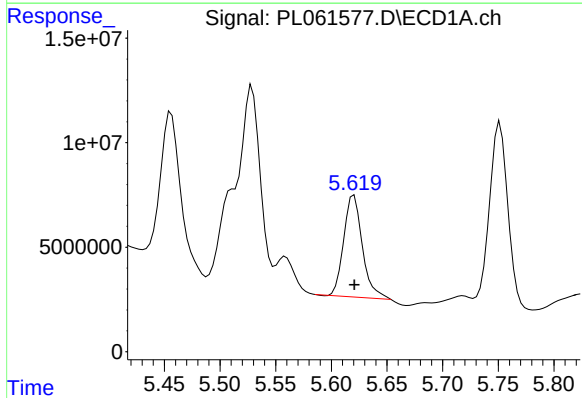
R.T.: 5.456 min
Delta R.T.: 0.000 min
Response: 101419628
Conc: 54.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



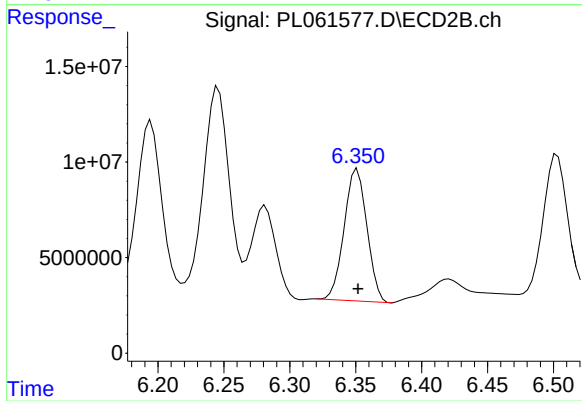
#11 alpha-Chlordane

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 133347407
Conc: 38.32 ng/ml



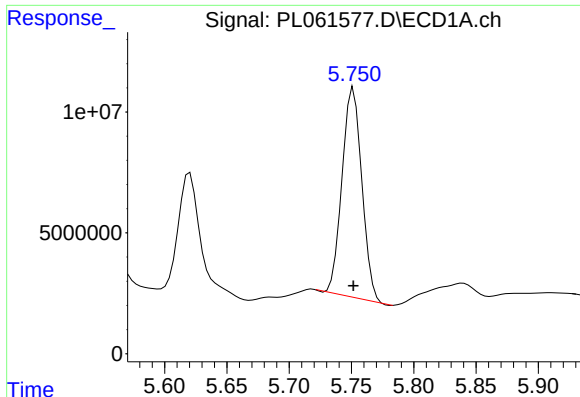
#12 4,4'-DDE

R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 56744880
Conc: 33.37 ng/ml



#12 4,4'-DDE

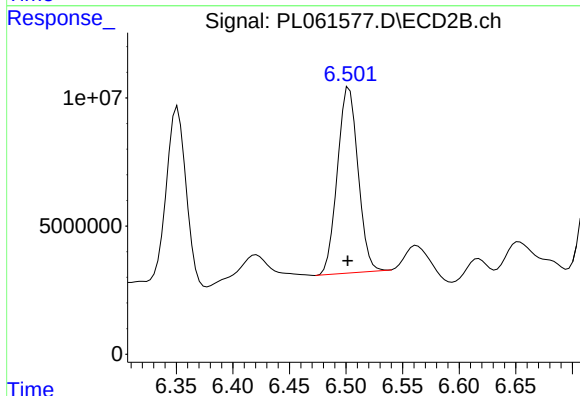
R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 82960152
Conc: 25.88 ng/ml



#13 Dieldrin

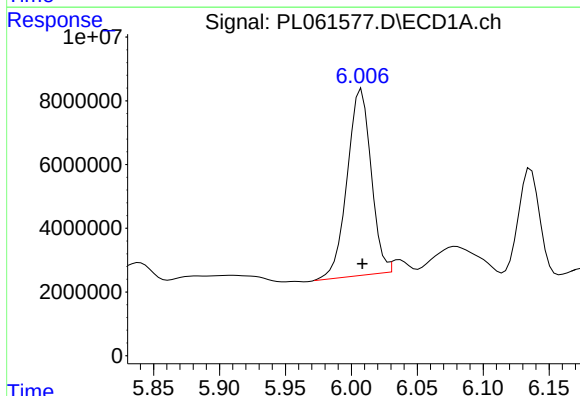
R.T.: 5.752 min
Delta R.T.: 0.000 min
Response: 96171041
Conc: 53.58 ng/ml

Instrument :
ECD_L
ClientSampleId :



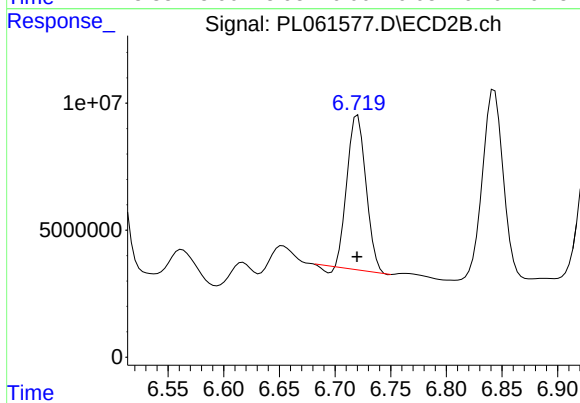
#13 Dieldrin

R.T.: 6.503 min
Delta R.T.: 0.001 min
Response: 92028612
Conc: 28.07 ng/ml



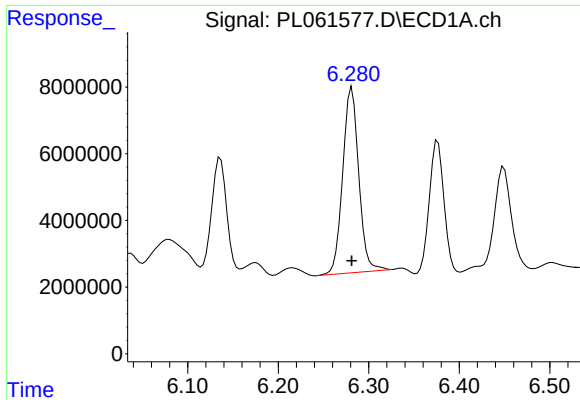
#14 Endrin

R.T.: 6.008 min
Delta R.T.: 0.000 min
Response: 73663162
Conc: 43.83 ng/ml



#14 Endrin

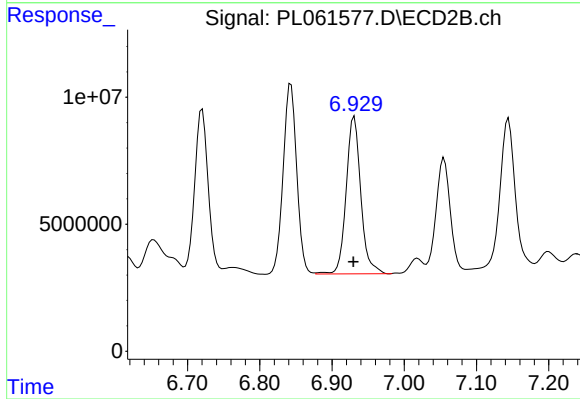
R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 70955689
Conc: 25.38 ng/ml



#15 Endosulfan II

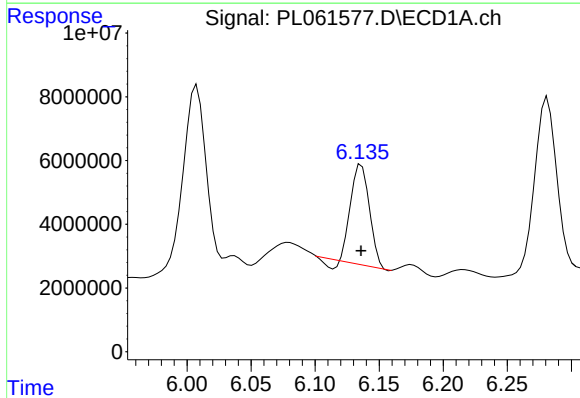
R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 68304454
Conc: 39.92 ng/ml

Instrument :
ECD_L
ClientSampleId :



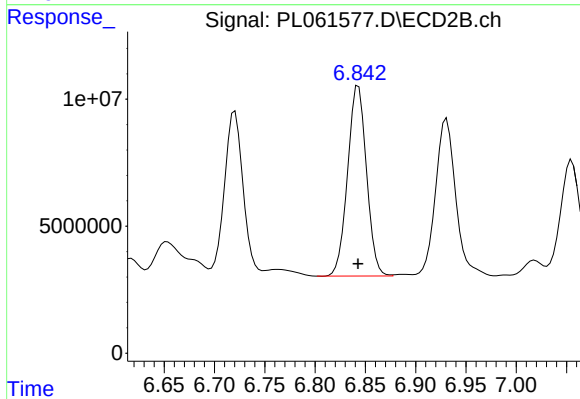
#15 Endosulfan II

R.T.: 6.931 min
Delta R.T.: 0.001 min
Response: 86571312
Conc: 29.31 ng/ml



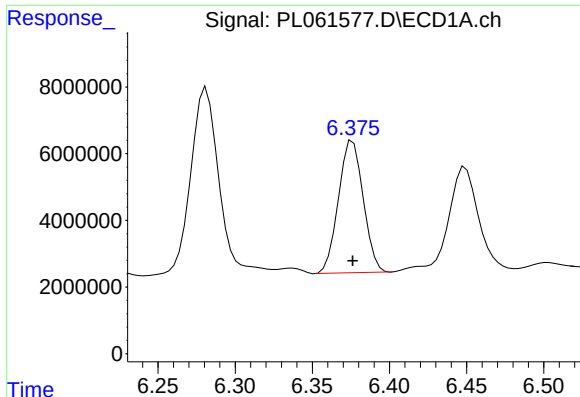
#16 4,4'-DDD

R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 31041428
Conc: 21.48 ng/ml



#16 4,4'-DDD

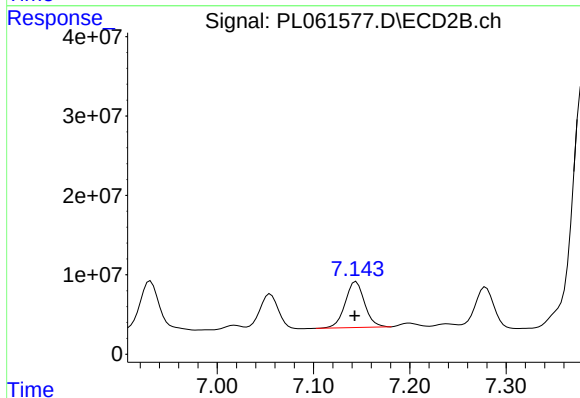
R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 97815358
Conc: 38.09 ng/ml



#17 4,4'-DDT

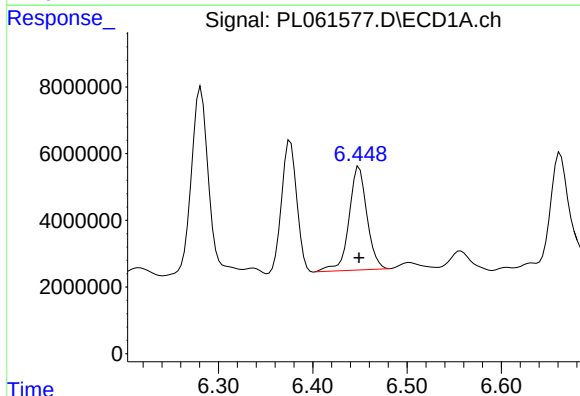
R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 44175890
Conc: 32.17 ng/ml

Instrument :
ECD_L
ClientSampleId :



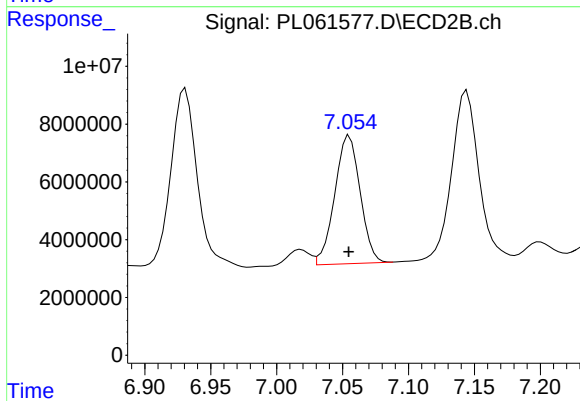
#17 4,4'-DDT

R.T.: 7.144 min
Delta R.T.: 0.001 min
Response: 80661127
Conc: 32.22 ng/ml



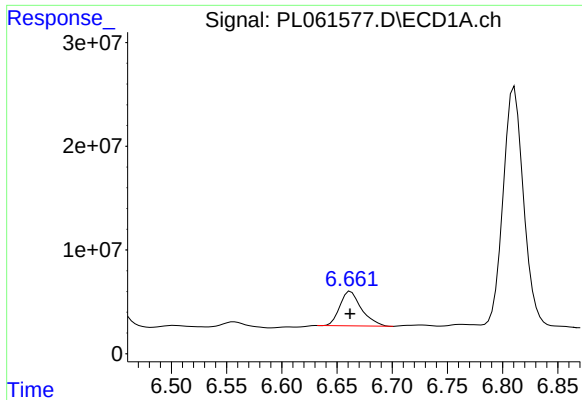
#18 Endrin aldehyde

R.T.: 6.449 min
Delta R.T.: 0.000 min
Response: 41075574
Conc: 27.90 ng/ml



#18 Endrin aldehyde

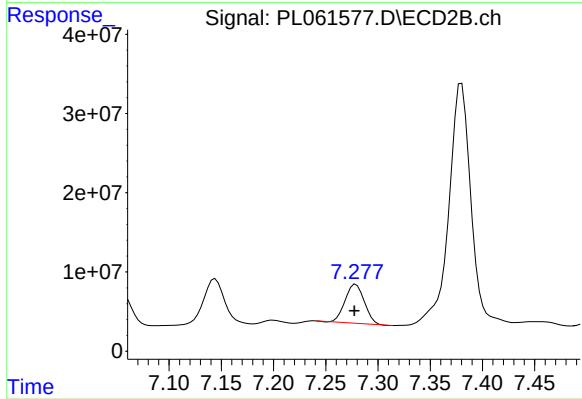
R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 59508081
Conc: 24.32 ng/ml



#19 Endosulfan Sulfate

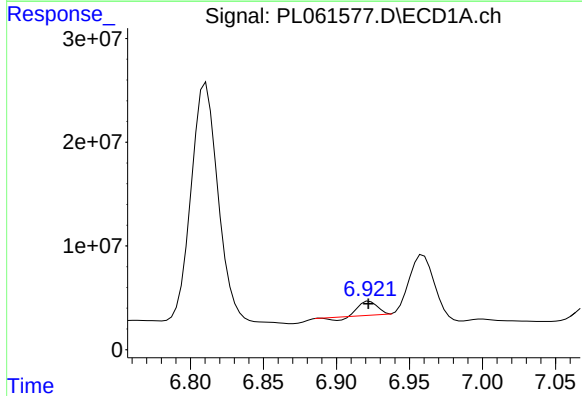
R.T.: 6.662 min
Delta R.T.: 0.000 min
Response: 45545811
Conc: 27.67 ng/ml

Instrument :
ECD_L
ClientSampleId :



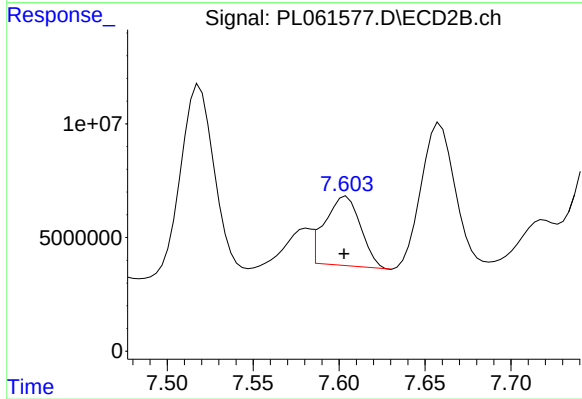
#19 Endosulfan Sulfate

R.T.: 7.279 min
Delta R.T.: 0.001 min
Response: 63025294
Conc: 23.04 ng/ml



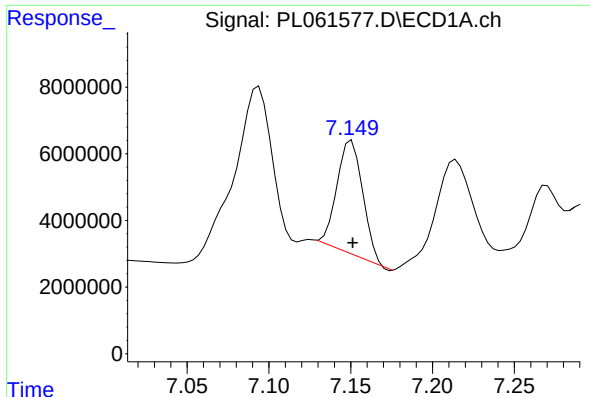
#20 Methoxychlor

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 10081864
Conc: 11.78 ng/ml



#20 Methoxychlor

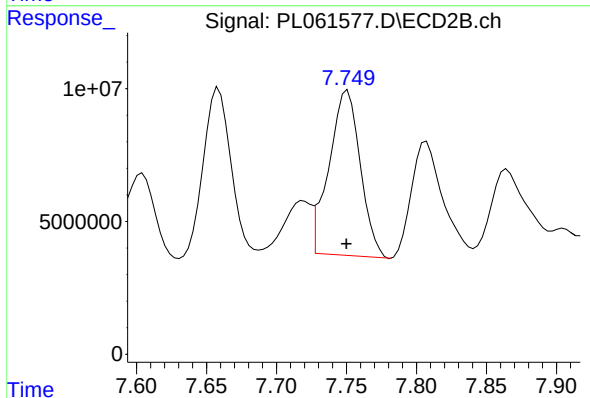
R.T.: 7.604 min
Delta R.T.: 0.001 min
Response: 44237611
Conc: 30.75 ng/ml



#21 Endrin ketone

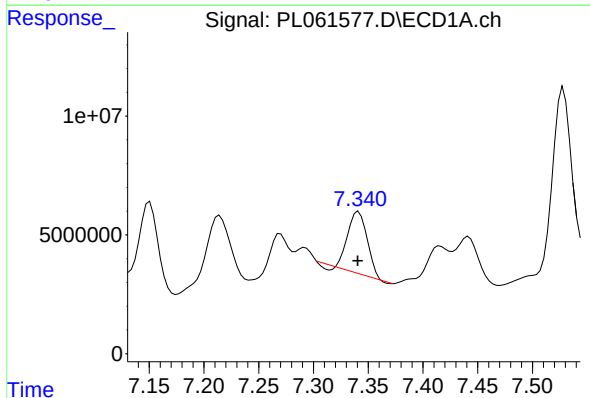
R.T.: 7.151 min
Delta R.T.: 0.000 min
Response: 37424161
Conc: 20.47 ng/ml

Instrument :
ECD_L
ClientSampleId :



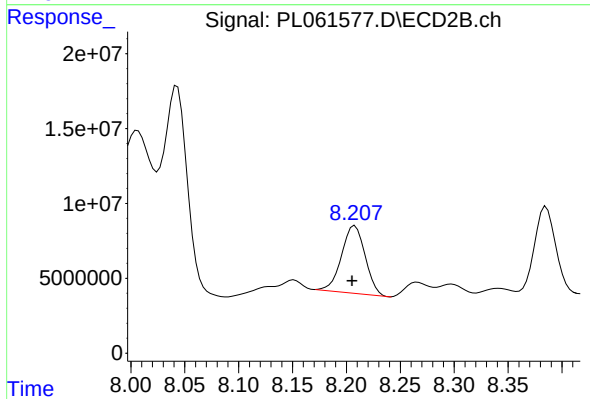
#21 Endrin ketone

R.T.: 7.751 min
Delta R.T.: 0.000 min
Response: 96813106
Conc: 35.66 ng/ml



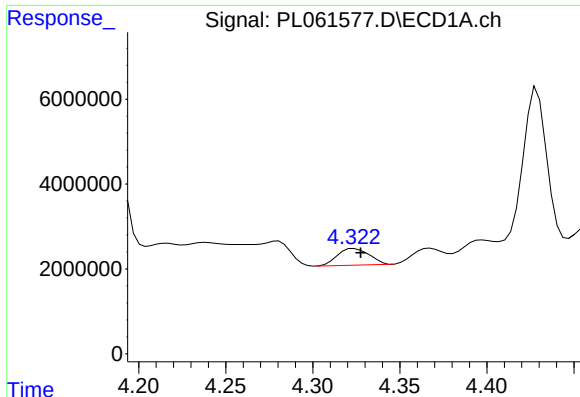
#22 Mirex

R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 31776868
Conc: 21.25 ng/ml



#22 Mirex

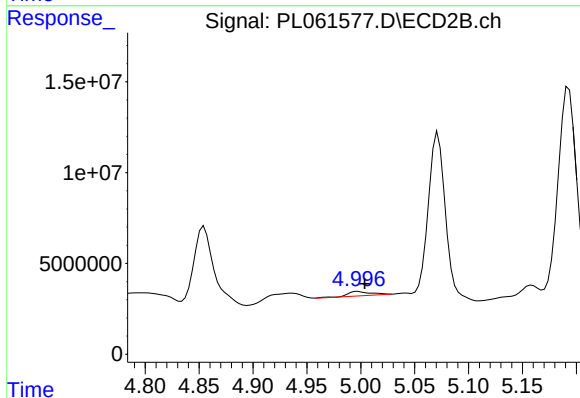
R.T.: 8.208 min
Delta R.T.: 0.003 min
Response: 69047264
Conc: 35.86 ng/ml



#23 Chlordane-1

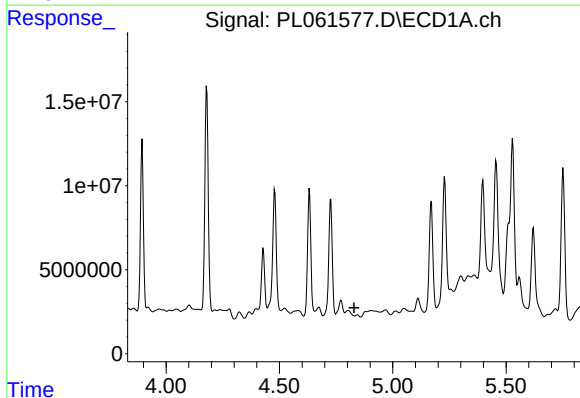
R.T.: 4.324 min
Delta R.T.: -0.004 min
Response: 4978575
Conc: 94.91 ng/ml

Instrument :
ECD_L
ClientSampleId :



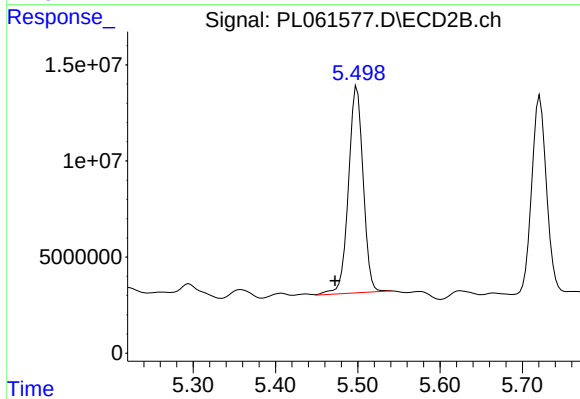
#23 Chlordane-1

R.T.: 4.997 min
Delta R.T.: -0.006 min
Response: 3652163
Conc: 33.60 ng/ml



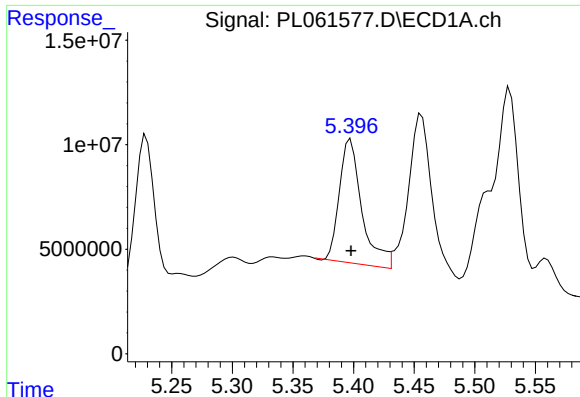
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.829 min
Response: 0
Conc: N.D.



#24 Chlordane-2

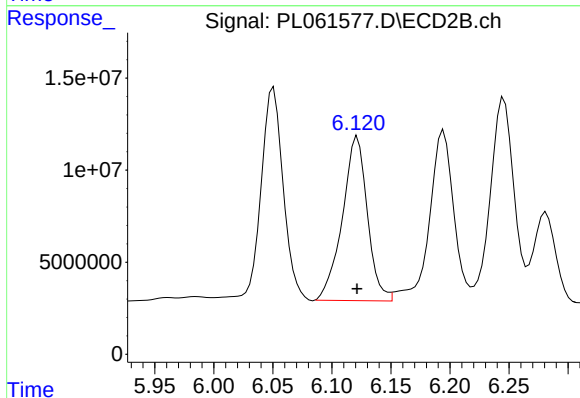
R.T.: 5.499 min
Delta R.T.: 0.027 min
Response: 133011539
Conc: 1089.03 ng/ml



#25 Chlordane-3

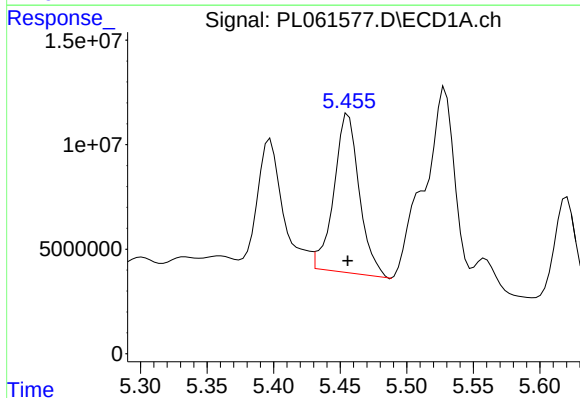
R.T.: 5.398 min
Delta R.T.: 0.000 min
Response: 76328988
Conc: 460.24 ng/ml

Instrument :
ECD_L
ClientSampleId :



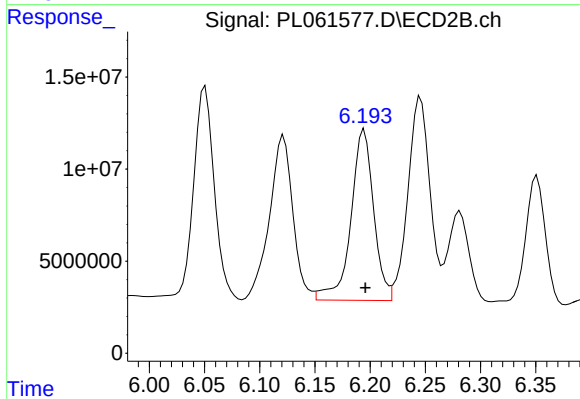
#25 Chlordane-3

R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 131318379
Conc: 303.99 ng/ml



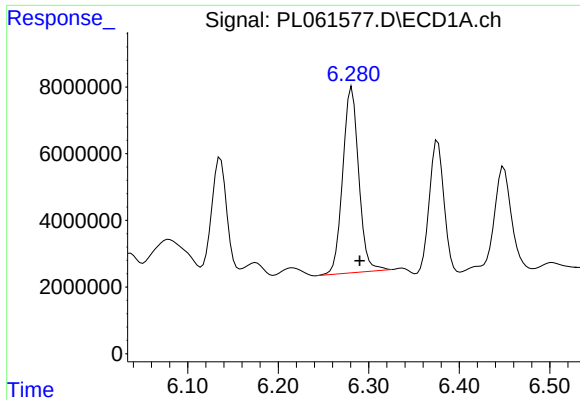
#26 Chlordane-4

R.T.: 5.456 min
Delta R.T.: 0.000 min
Response: 101419628
Conc: 736.82 ng/ml



#26 Chlordane-4

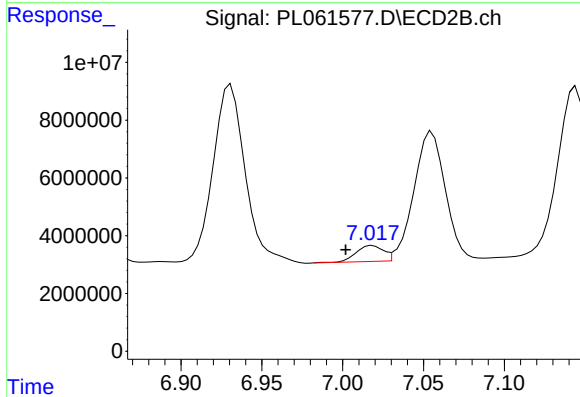
R.T.: 6.195 min
Delta R.T.: -0.001 min
Response: 133347407
Conc: 254.74 ng/ml



#27 Chlordane-5

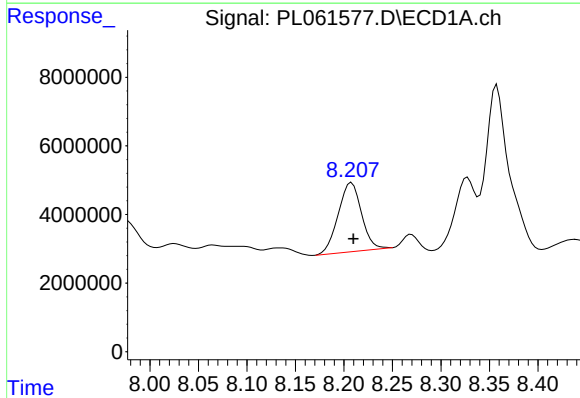
R.T.: 6.281 min
Delta R.T.: -0.009 min
Response: 68304454
Conc: 1215.23 ng/ml

Instrument :
ECD_L
ClientSampleId :



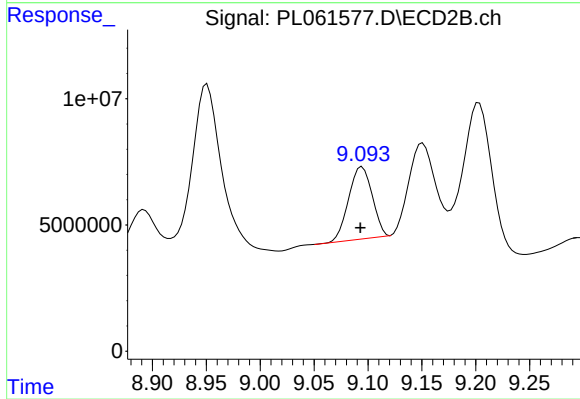
#27 Chlordane-5

R.T.: 7.019 min
Delta R.T.: 0.017 min
Response: 6410662
Conc: 76.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.208 min
Delta R.T.: -0.002 min
Response: 33596148
Conc: 20.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.095 min
Delta R.T.: 0.002 min
Response: 43531921
Conc: 18.41 ng/ml