

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080119\
 Data File : PL050972.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2019 20:13
 Operator : SM\AJ
 Sample : PB121886BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB121886BSD

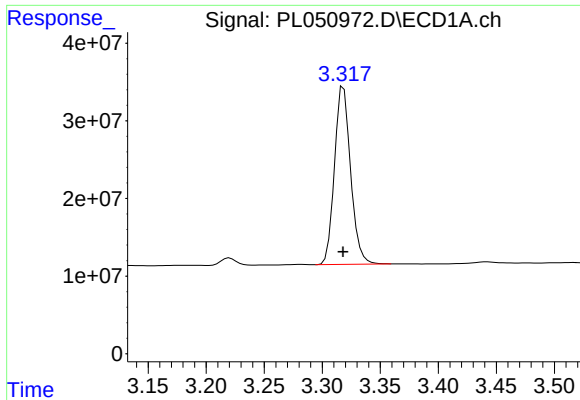
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 01:04:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 01:19:13 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.318	3.928	222.4E6	60320832	22.138	21.141
28)	SA Decachlor...	7.978	8.956	260.7E6	67809392	25.744	23.979
Target Compounds							
2)	A alpha-BHC	3.745	4.316	173.0E6	38541976	10.325	9.341
3)	MA gamma-BHC...	4.021	4.599	163.8E6	37632689	10.652	9.716
4)	MA Heptachlor	4.304	5.100	181.9E6	43369451	11.084	10.459
5)	MB Aldrin	4.542	5.402	173.0E6	39565416	11.170	10.499
6)	B beta-BHC	4.275	4.776	72405652	20111900	11.044	11.633
7)	B delta-BHC	4.468	4.989	157.6E6	34984166	9.604	9.045
8)	B Heptachlo...	4.978	5.789	166.3E6	42610887	11.257	11.141
9)	A Endosulfan I	5.308	6.144	163.6E6	37462142	11.247	10.894
10)	B gamma-Chl...	5.200	6.023	175.9E6	40007555	11.145	10.827
11)	B alpha-Chl...	5.256	6.095	171.7E6	40077996	11.256	10.935
12)	B 4,4'-DDE	5.423	6.255	168.6E6	39835494	11.249	11.055
13)	MA Dieldrin	5.547	6.401	170.5E6	37988885	11.004	10.728
14)	MA Endrin	5.799	6.617	159.0E6	31994041	10.804	10.316
15)	B Endosulfa...	6.075	6.830	157.2E6	34815290	11.231	10.951
16)	A 4,4'-DDD	5.935	6.746	134.7E6	29151869	11.244	10.947
17)	MA 4,4'-DDT	6.168	7.042	129.4E6	28267729	10.444	10.471
18)	B Endrin al...	6.242	6.954	127.5E6	27955661	11.052	10.287
19)	B Endosulfa...	6.453	7.176	146.3E6	34149296	11.486	11.824
20)	A Methoxychlor	6.713	7.503	67870499	17914596	10.879	12.209
21)	B Endrin ke...	6.934	7.645	160.5E6	34112622	11.731	11.798
22)	Mirex	7.107	8.093	111.0E6	26656269	11.317	11.605
24)	Chlordane-2	0.000	5.402f	0	39565416	N.D.	336.863 #
25)	Chlordane-3	5.200	6.023	175.9E6	40007555	125.669	83.179 #
26)	Chlordane-4	5.256	6.095	171.7E6	40077996	130.193	68.991 #
27)	Chlordane-5	6.075	0.000	157.2E6	0	309.429	N.D. #

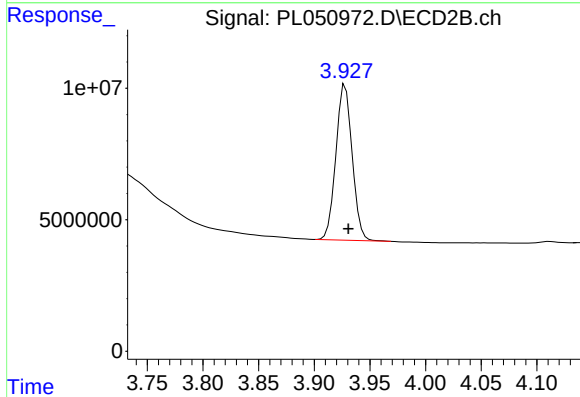
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

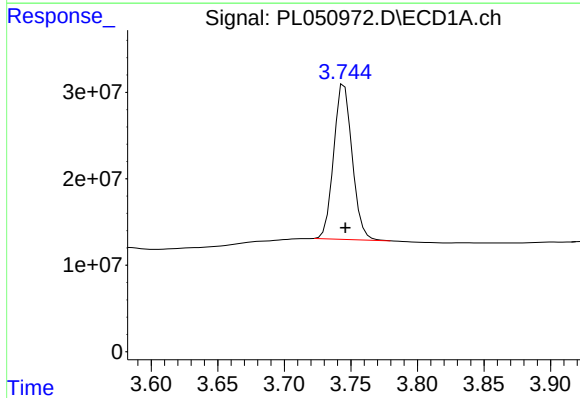
R.T.: 3.318 min
Delta R.T.: 0.000 min
Response: 222443931
Conc: 22.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB121886BSD



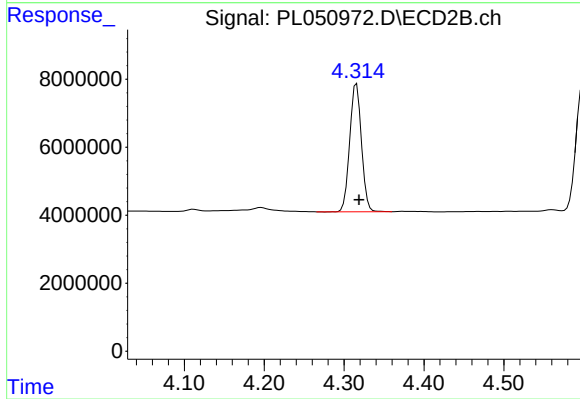
#1 Tetrachloro-m-xylene

R.T.: 3.928 min
Delta R.T.: -0.003 min
Response: 60320832
Conc: 21.14 ng/ml



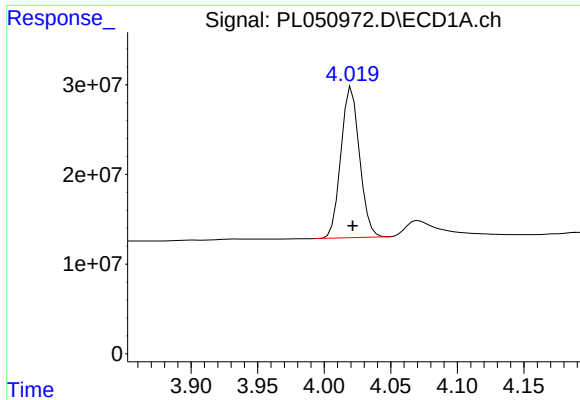
#2 alpha-BHC

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 173025298
Conc: 10.33 ng/ml



#2 alpha-BHC

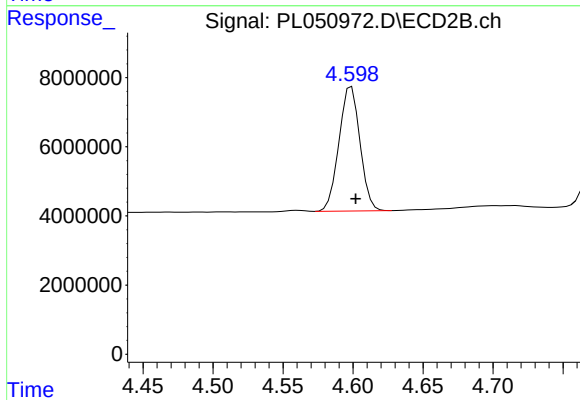
R.T.: 4.316 min
Delta R.T.: -0.003 min
Response: 38541976
Conc: 9.34 ng/ml



#3 gamma-BHC (Lindane)

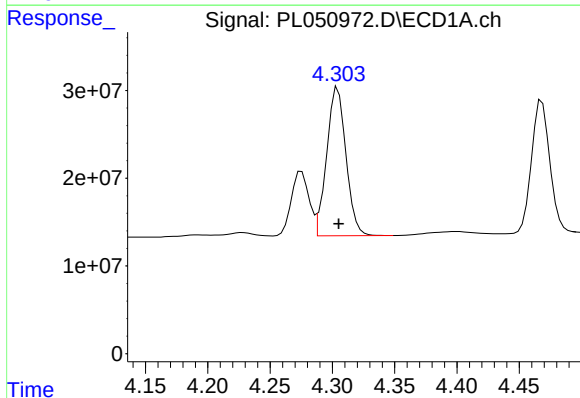
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 163843167
Conc: 10.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB121886BSD



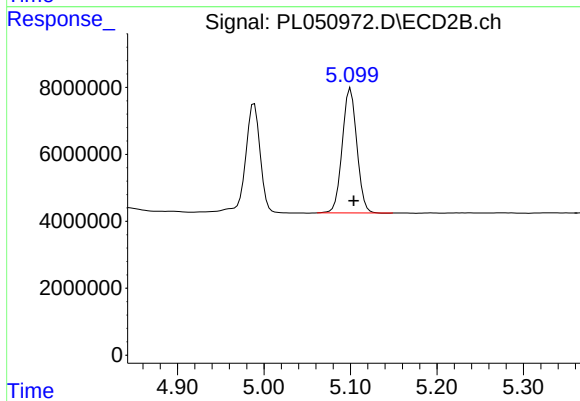
#3 gamma-BHC (Lindane)

R.T.: 4.599 min
Delta R.T.: -0.003 min
Response: 37632689
Conc: 9.72 ng/ml



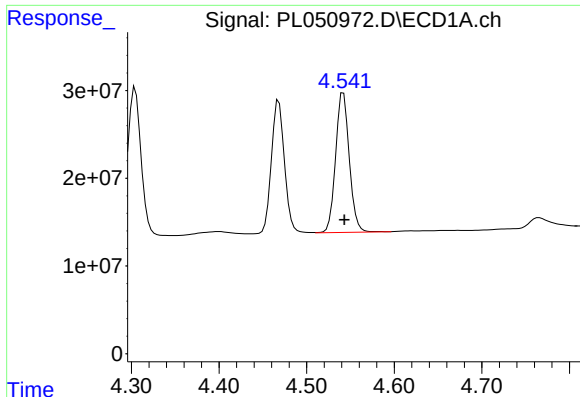
#4 Heptachlor

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 181861815
Conc: 11.08 ng/ml



#4 Heptachlor

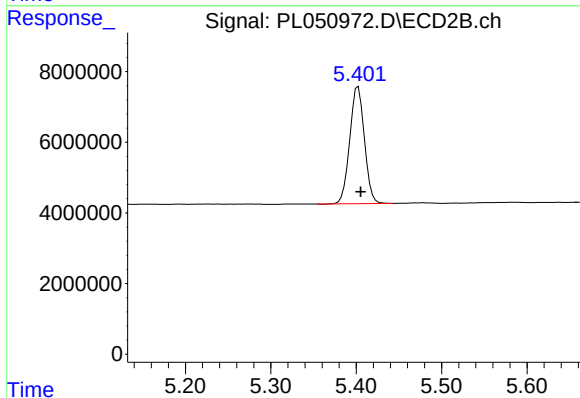
R.T.: 5.100 min
Delta R.T.: -0.004 min
Response: 43369451
Conc: 10.46 ng/ml



#5 Aldrin

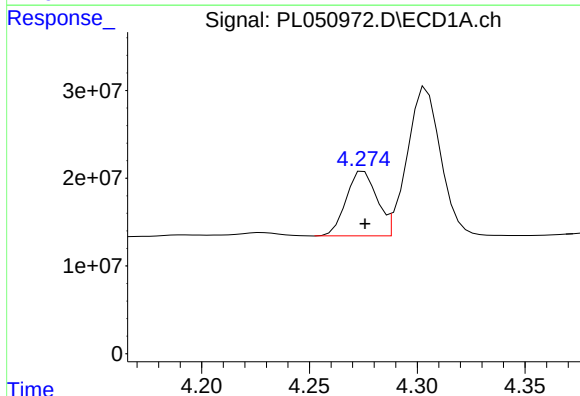
R.T.: 4.542 min
Delta R.T.: -0.001 min
Response: 173037808
Conc: 11.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB121886BSD



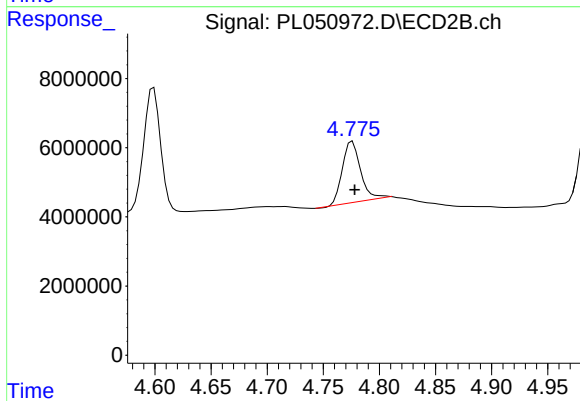
#5 Aldrin

R.T.: 5.402 min
Delta R.T.: -0.003 min
Response: 39565416
Conc: 10.50 ng/ml



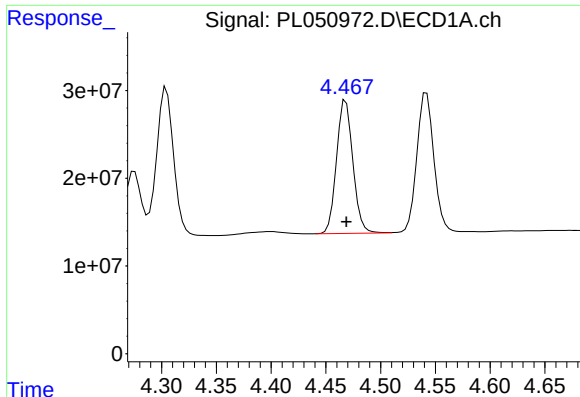
#6 beta-BHC

R.T.: 4.275 min
Delta R.T.: 0.000 min
Response: 72405652
Conc: 11.04 ng/ml



#6 beta-BHC

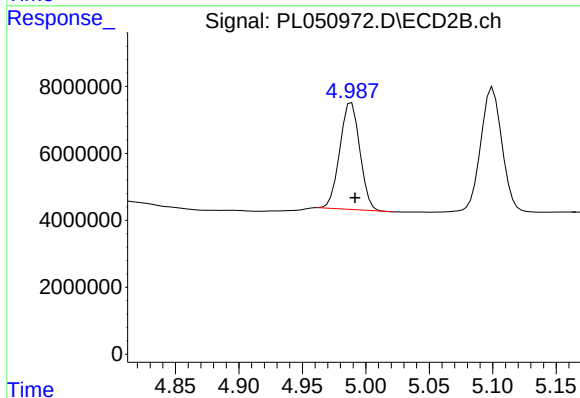
R.T.: 4.776 min
Delta R.T.: -0.002 min
Response: 20111900
Conc: 11.63 ng/ml



#7 delta-BHC

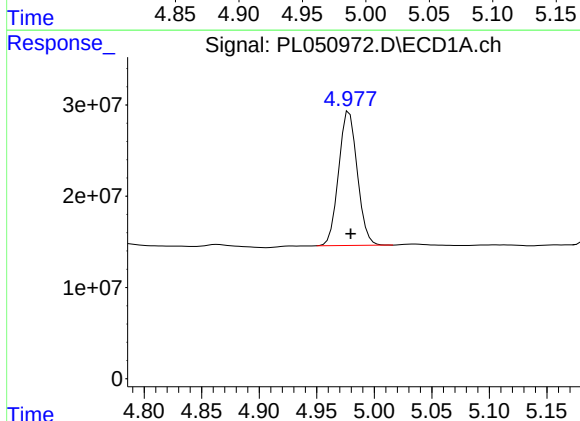
R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 157591373
Conc: 9.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB121886BSD



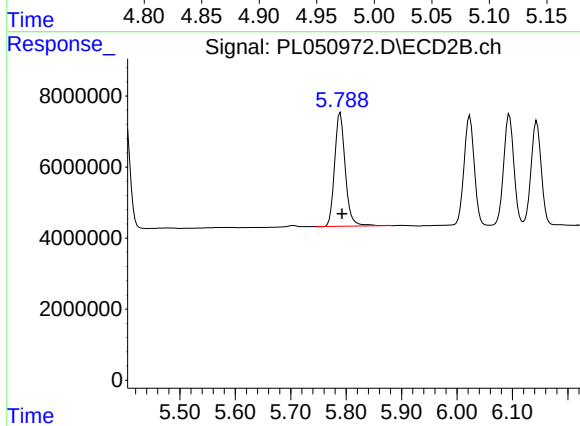
#7 delta-BHC

R.T.: 4.989 min
Delta R.T.: -0.003 min
Response: 34984166
Conc: 9.05 ng/ml



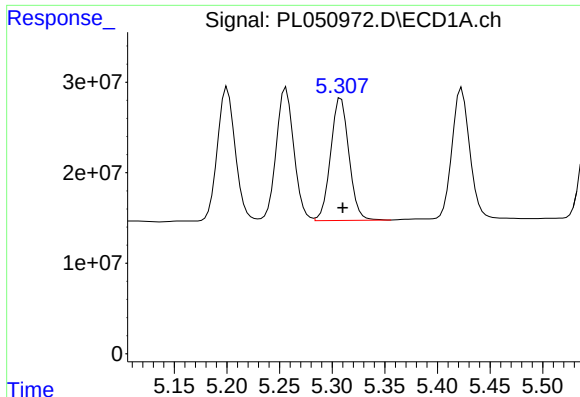
#8 Heptachlor epoxide

R.T.: 4.978 min
Delta R.T.: -0.001 min
Response: 166300394
Conc: 11.26 ng/ml



#8 Heptachlor epoxide

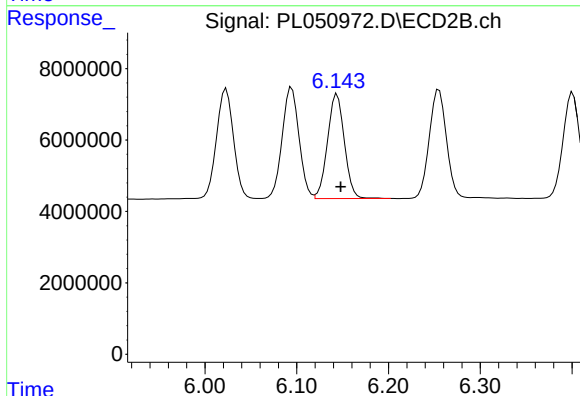
R.T.: 5.789 min
Delta R.T.: -0.003 min
Response: 42610887
Conc: 11.14 ng/ml



#9 Endosulfan I

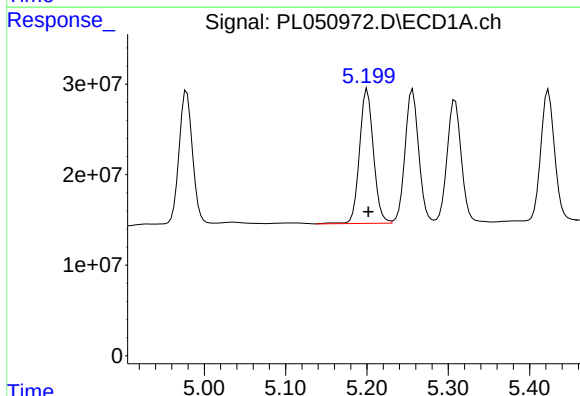
R.T.: 5.308 min
Delta R.T.: -0.002 min
Response: 163571224
Conc: 11.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB121886BSD



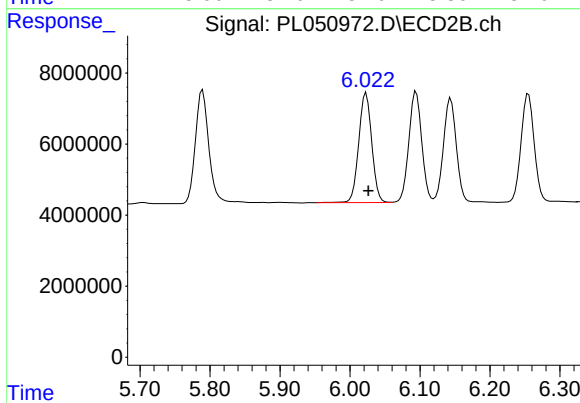
#9 Endosulfan I

R.T.: 6.144 min
Delta R.T.: -0.004 min
Response: 37462142
Conc: 10.89 ng/ml



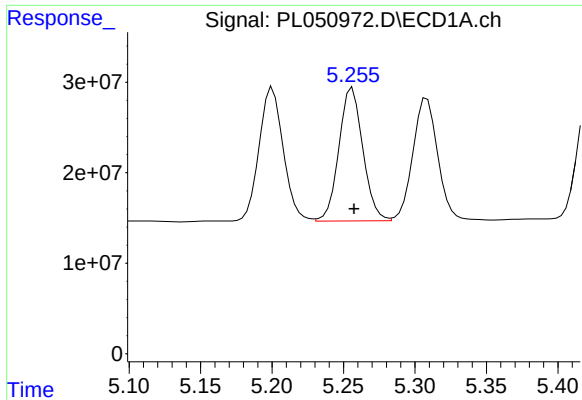
#10 gamma-Chlordane

R.T.: 5.200 min
Delta R.T.: -0.001 min
Response: 175909832
Conc: 11.15 ng/ml



#10 gamma-Chlordane

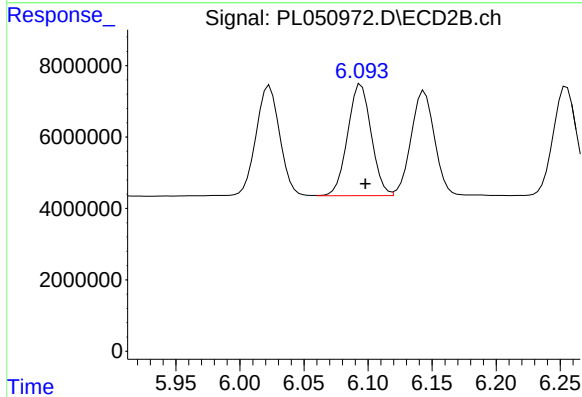
R.T.: 6.023 min
Delta R.T.: -0.003 min
Response: 40007555
Conc: 10.83 ng/ml



#11 alpha-Chlordane

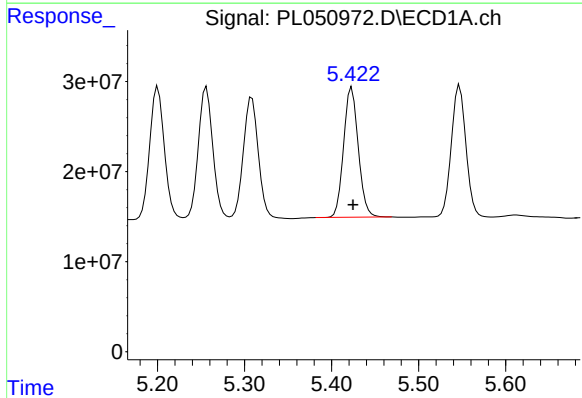
R.T.: 5.256 min
Delta R.T.: -0.001 min
Response: 171721994
Conc: 11.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB121886BSD



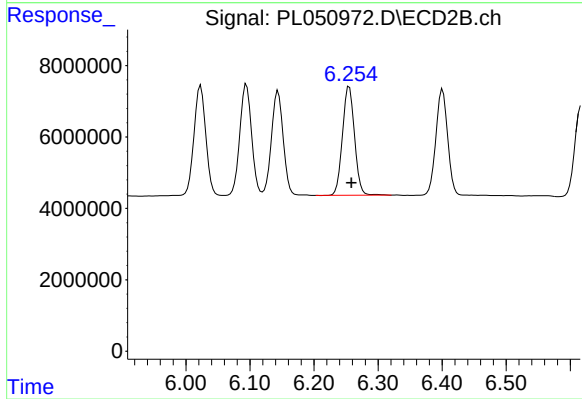
#11 alpha-Chlordane

R.T.: 6.095 min
Delta R.T.: -0.003 min
Response: 40077996
Conc: 10.93 ng/ml



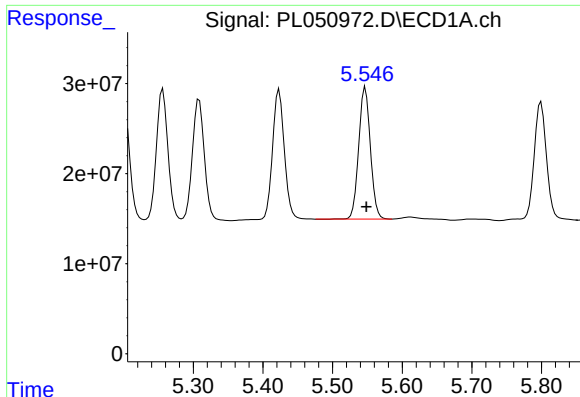
#12 4,4'-DDE

R.T.: 5.423 min
Delta R.T.: -0.002 min
Response: 168576331
Conc: 11.25 ng/ml



#12 4,4'-DDE

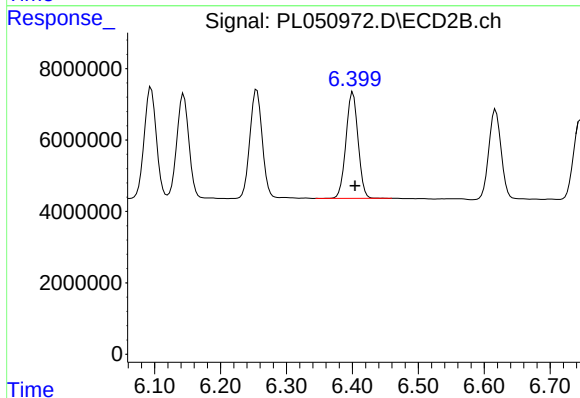
R.T.: 6.255 min
Delta R.T.: -0.003 min
Response: 39835494
Conc: 11.05 ng/ml



#13 Dieldrin

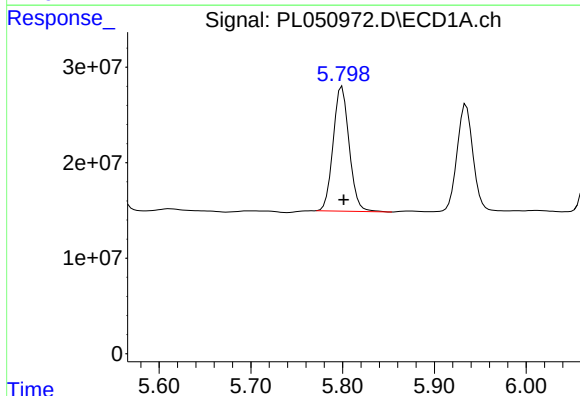
R.T.: 5.547 min
Delta R.T.: -0.001 min
Response: 170524134
Conc: 11.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB121886BSD



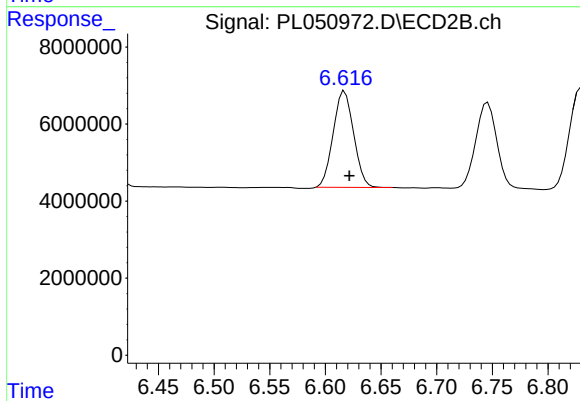
#13 Dieldrin

R.T.: 6.401 min
Delta R.T.: -0.003 min
Response: 37988885
Conc: 10.73 ng/ml



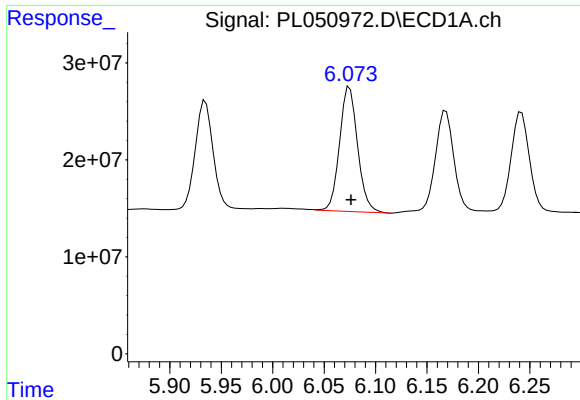
#14 Endrin

R.T.: 5.799 min
Delta R.T.: -0.002 min
Response: 159037268
Conc: 10.80 ng/ml



#14 Endrin

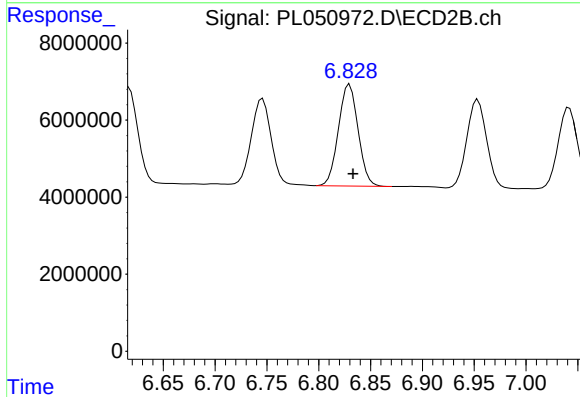
R.T.: 6.617 min
Delta R.T.: -0.004 min
Response: 31994041
Conc: 10.32 ng/ml



#15 Endosulfan II

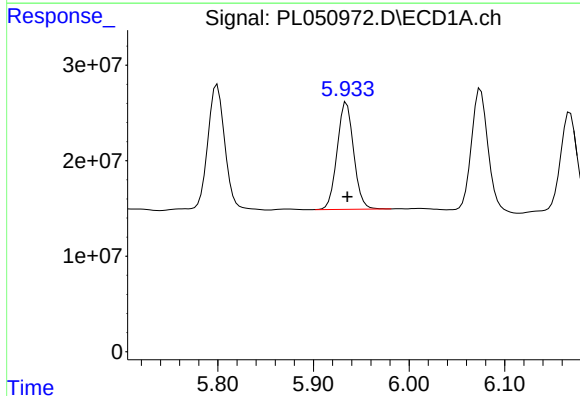
R.T.: 6.075 min
Delta R.T.: -0.001 min
Response: 157170310
Conc: 11.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB121886BSD



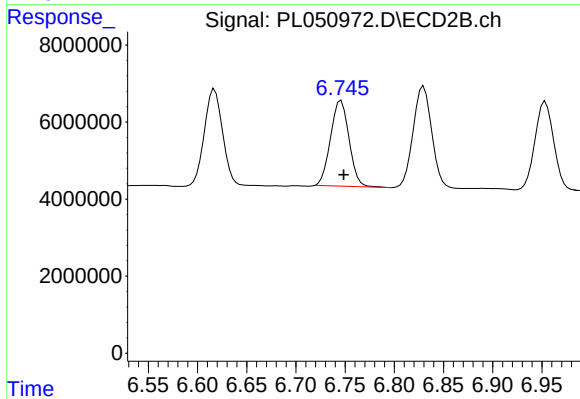
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: -0.003 min
Response: 34815290
Conc: 10.95 ng/ml



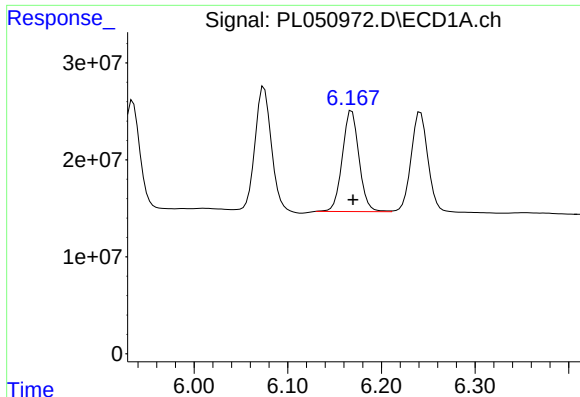
#16 4,4'-DDD

R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 134743897
Conc: 11.24 ng/ml



#16 4,4'-DDD

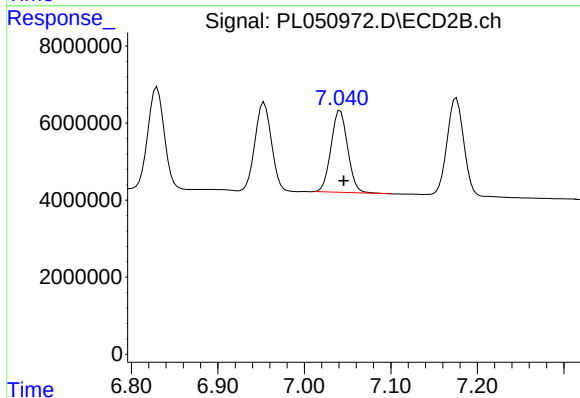
R.T.: 6.746 min
Delta R.T.: -0.003 min
Response: 29151869
Conc: 10.95 ng/ml



#17 4,4'-DDT

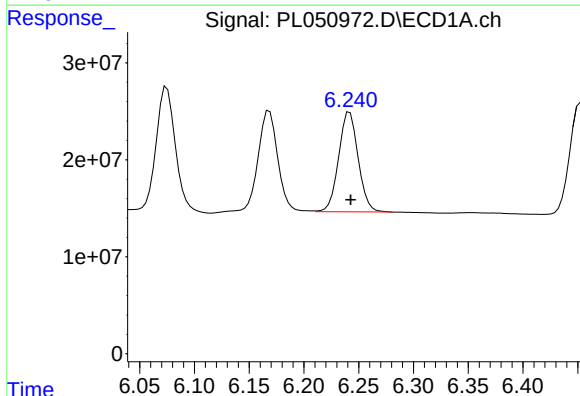
R.T.: 6.168 min
Delta R.T.: -0.001 min
Response: 129352840
Conc: 10.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB121886BSD



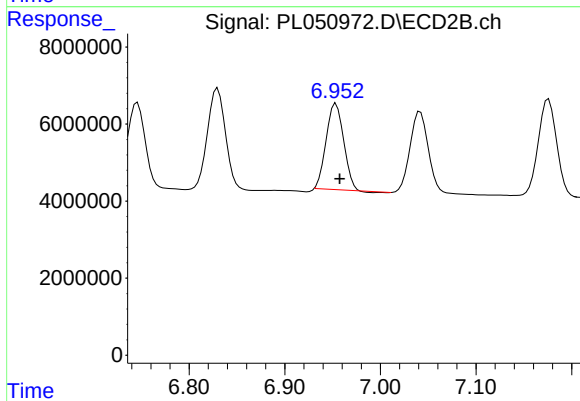
#17 4,4'-DDT

R.T.: 7.042 min
Delta R.T.: -0.004 min
Response: 28267729
Conc: 10.47 ng/ml



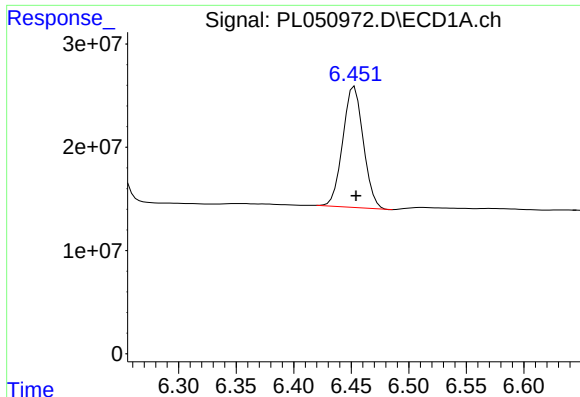
#18 Endrin aldehyde

R.T.: 6.242 min
Delta R.T.: 0.000 min
Response: 127501091
Conc: 11.05 ng/ml



#18 Endrin aldehyde

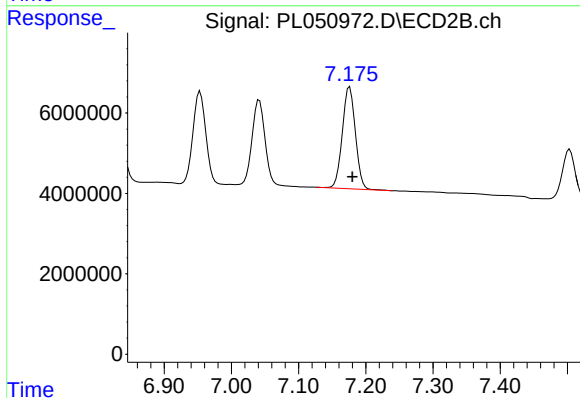
R.T.: 6.954 min
Delta R.T.: -0.004 min
Response: 27955661
Conc: 10.29 ng/ml



#19 Endosulfan Sulfate

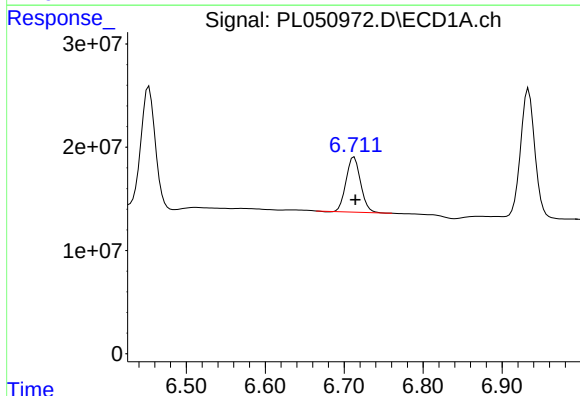
R.T.: 6.453 min
Delta R.T.: -0.002 min
Response: 146322736
Conc: 11.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB121886BSD



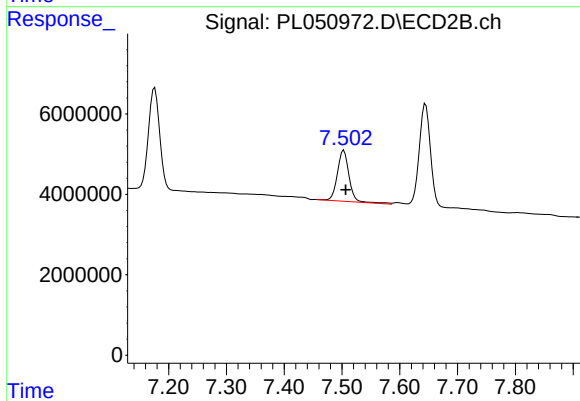
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: -0.004 min
Response: 34149296
Conc: 11.82 ng/ml



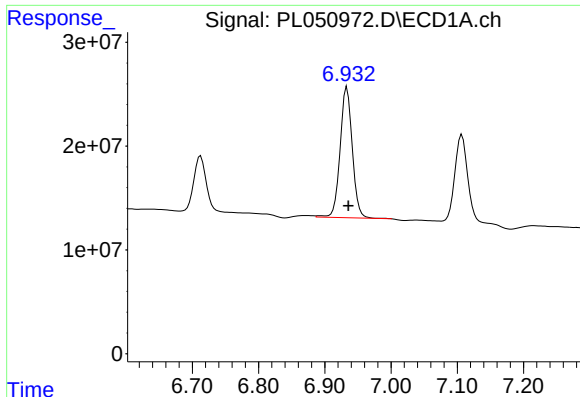
#20 Methoxychlor

R.T.: 6.713 min
Delta R.T.: -0.001 min
Response: 67870499
Conc: 10.88 ng/ml



#20 Methoxychlor

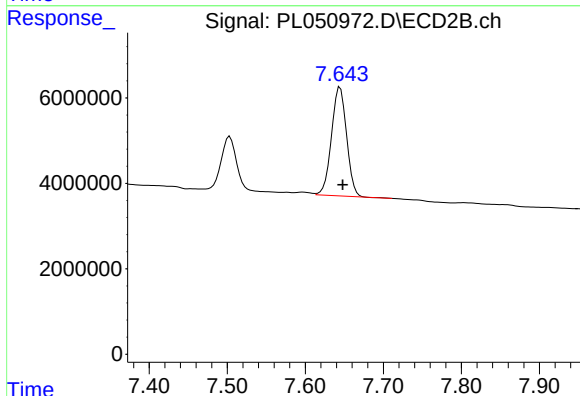
R.T.: 7.503 min
Delta R.T.: -0.004 min
Response: 17914596
Conc: 12.21 ng/ml



#21 Endrin ketone

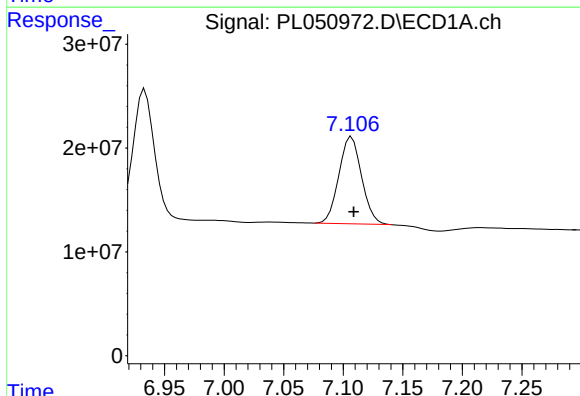
R.T.: 6.934 min
Delta R.T.: -0.002 min
Response: 160452015
Conc: 11.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB121886BSD



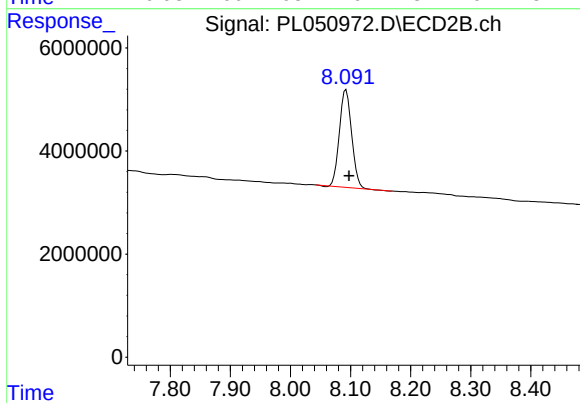
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.003 min
Response: 34112622
Conc: 11.80 ng/ml



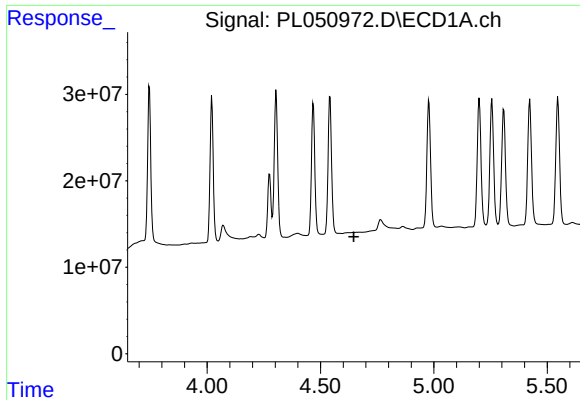
#22 Mirex

R.T.: 7.107 min
Delta R.T.: -0.002 min
Response: 110957895
Conc: 11.32 ng/ml



#22 Mirex

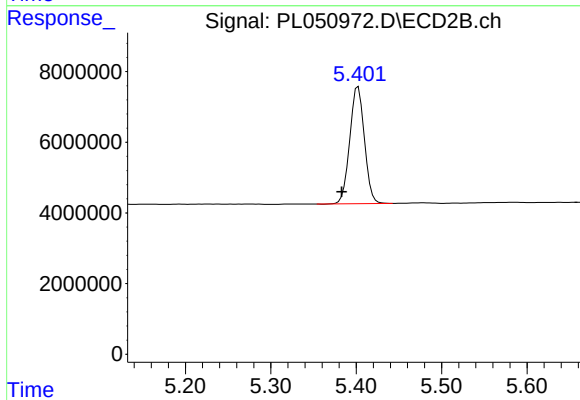
R.T.: 8.093 min
Delta R.T.: -0.005 min
Response: 26656269
Conc: 11.60 ng/ml



#24 Chlordane-2

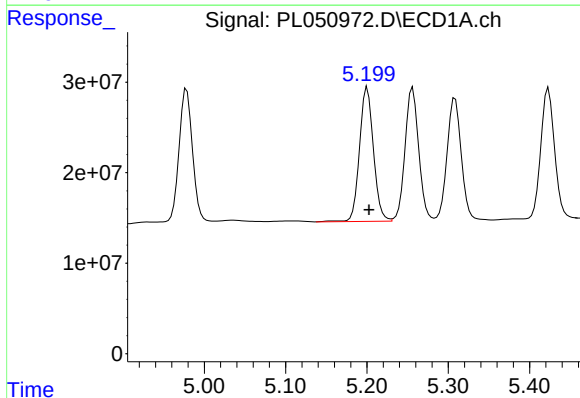
R.T.: 0.000 min
Exp R.T.: 4.647 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PB121886BSD



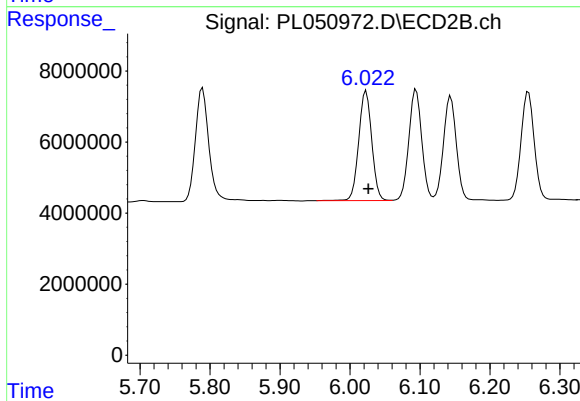
#24 Chlordane-2

R.T.: 5.402 min
Delta R.T.: 0.019 min
Response: 39565416
Conc: 336.86 ng/ml



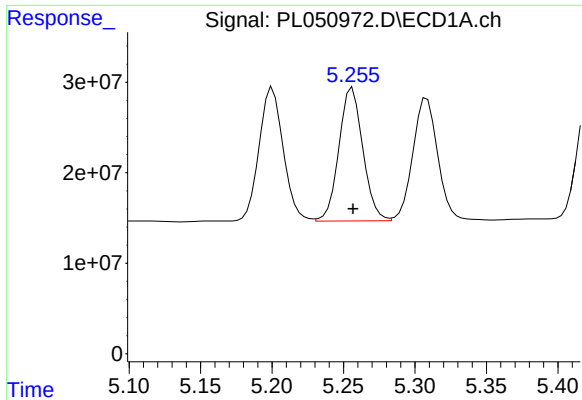
#25 Chlordane-3

R.T.: 5.200 min
Delta R.T.: -0.002 min
Response: 175909832
Conc: 125.67 ng/ml



#25 Chlordane-3

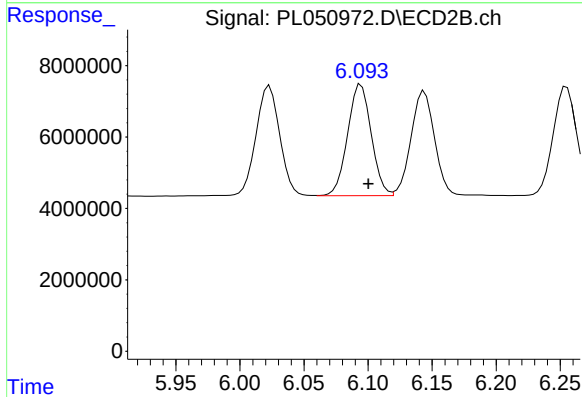
R.T.: 6.023 min
Delta R.T.: -0.003 min
Response: 40007555
Conc: 83.18 ng/ml



#26 Chlordane-4

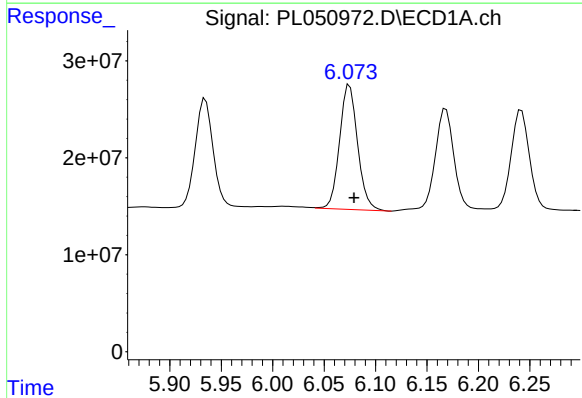
R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 171721994
Conc: 130.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB121886BSD



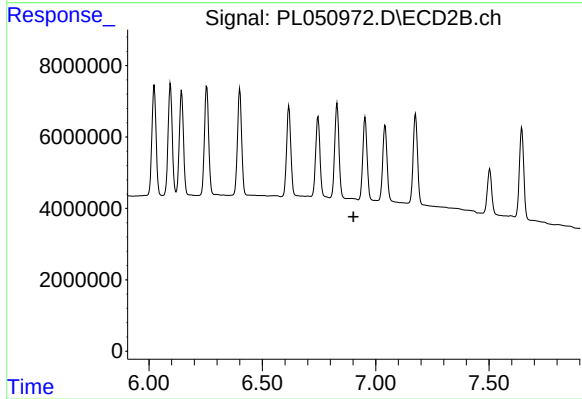
#26 Chlordane-4

R.T.: 6.095 min
Delta R.T.: -0.006 min
Response: 40077996
Conc: 68.99 ng/ml



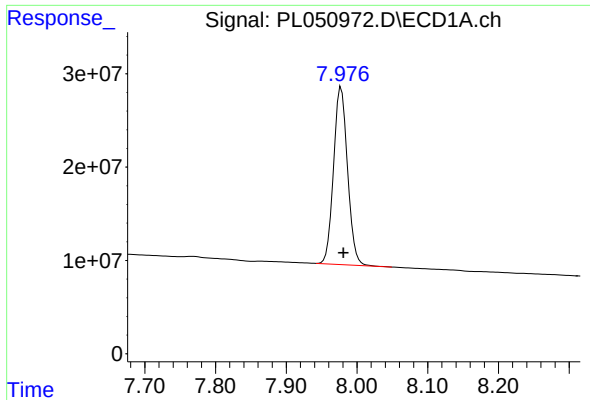
#27 Chlordane-5

R.T.: 6.075 min
Delta R.T.: -0.004 min
Response: 157170310
Conc: 309.43 ng/ml



#27 Chlordane-5

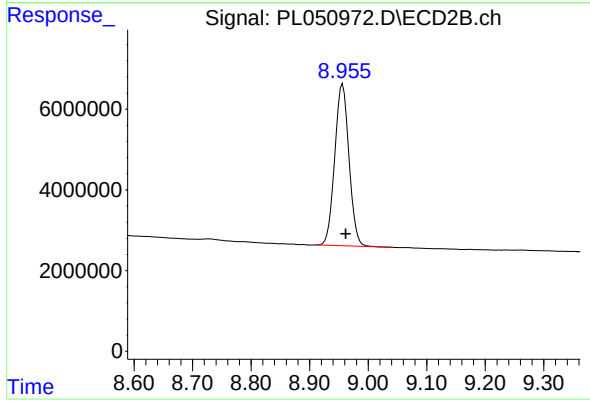
R.T.: 0.000 min
Exp R.T.: 6.902 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.978 min
Delta R.T.: -0.003 min
Response: 260670088
Conc: 25.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB121886BSD



#28 Decachlorobiphenyl

R.T.: 8.956 min
Delta R.T.: -0.005 min
Response: 67809392
Conc: 23.98 ng/ml