

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030220\
 Data File : PL056953.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Mar 2020 21:41
 Operator : AJ\MA
 Sample : L1743-04MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 03 06:01:14 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022720.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 27 13:35:45 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...	3.498	4.004	482.2E6	219.4E6	26.965	40.947 #
28)	SA Decachlor...	8.282f	9.069	2229.9E6	111.7E6	112.267	26.389 #
Target Compounds							
2)	A alpha-BHC	3.936	4.398	1341.5E6	3043.3E6	44.069	369.356 #
3)	MA gamma-BHC...	4.221	4.695	1917.2E6	629.7E6	66.697	82.126
4)	MA Heptachlor	4.516	5.182	34012.0E6	24416.7E6	1209.879	3796.070 #
5)	MB Aldrin	4.779	5.517	8814.3E6	1065.4E6	313.820	160.405 #
6)	B beta-BHC	4.471	4.871	637.4E6	132.7E6	56.491	39.791 #
7)	B delta-BHC	4.678	5.064	15078.1E6	83951106	536.690	13.301 #
8)	B Heptachlo...	0.000	5.891	0 6888.4E6	N.D.	1154.929	#
9)	A Endosulfan I	0.000	6.226	0 924.7E6	N.D.	164.801	#
10)	B gamma-Chl...	0.000	6.102	0 35092.4E6	N.D.	5855.025	#
11)	B alpha-Chl...	0.000	6.185	0 37899.1E6	N.D.	6370.704	#
12)	B 4,4'-DDE	5.668	6.368	396.2E6	258.3E6	15.396	44.364 #
13)	MA Dieldrin	5.779	6.485	9079.4E6	4492.0E6	335.007	754.672 #
14)	MA Endrin	6.049	6.730	12437.4E6	1973.4E6	510.515	384.259
15)	B Endosulfa...	6.336	6.926	36250.9E6	2025.2E6	1683.986	379.438 #
16)	A 4,4'-DDD	6.181	6.846	1118.6E6	4772.4E6	56.841	992.084 #
17)	MA 4,4'-DDT	6.423	7.138	2551.0E6	1380.0E6	127.064	302.328 #
18)	B Endrin al...	6.501	7.030f	1728.8E6	2360.1E6	87.382	535.124 #
19)	B Endosulfa...	6.713	7.264	-458177469	873.8E6	N.D.	180.877
20)	A Methoxychlor	6.971	7.614	889.9E6	277.4E6	85.904	118.616 #
21)	B Endrin ke...	7.201	7.741	1108.8E6	481.7E6	45.013	93.579 #
22)	Mirex	7.391	8.189	322.9E6	277.9E6	22.767	82.465 #
23)	Chlordane-1	4.379	4.997f	34736.3E6	17937.0E6	49880.881	90508.587 #
24)	Chlordane-2	4.869	5.459f	22275.3E6	19767.8E6	28688.884	94811.934 #
25)	Chlordane-3	0.000	6.102f	0 35092.4E6	N.D.	46057.397	#
26)	Chlordane-4	0.000	6.185f	0 37899.1E6	N.D.	42664.062	#
27)	Chlordane-5	6.336	7.030f	36250.9E6	2360.1E6	43768.233	13850.310 #

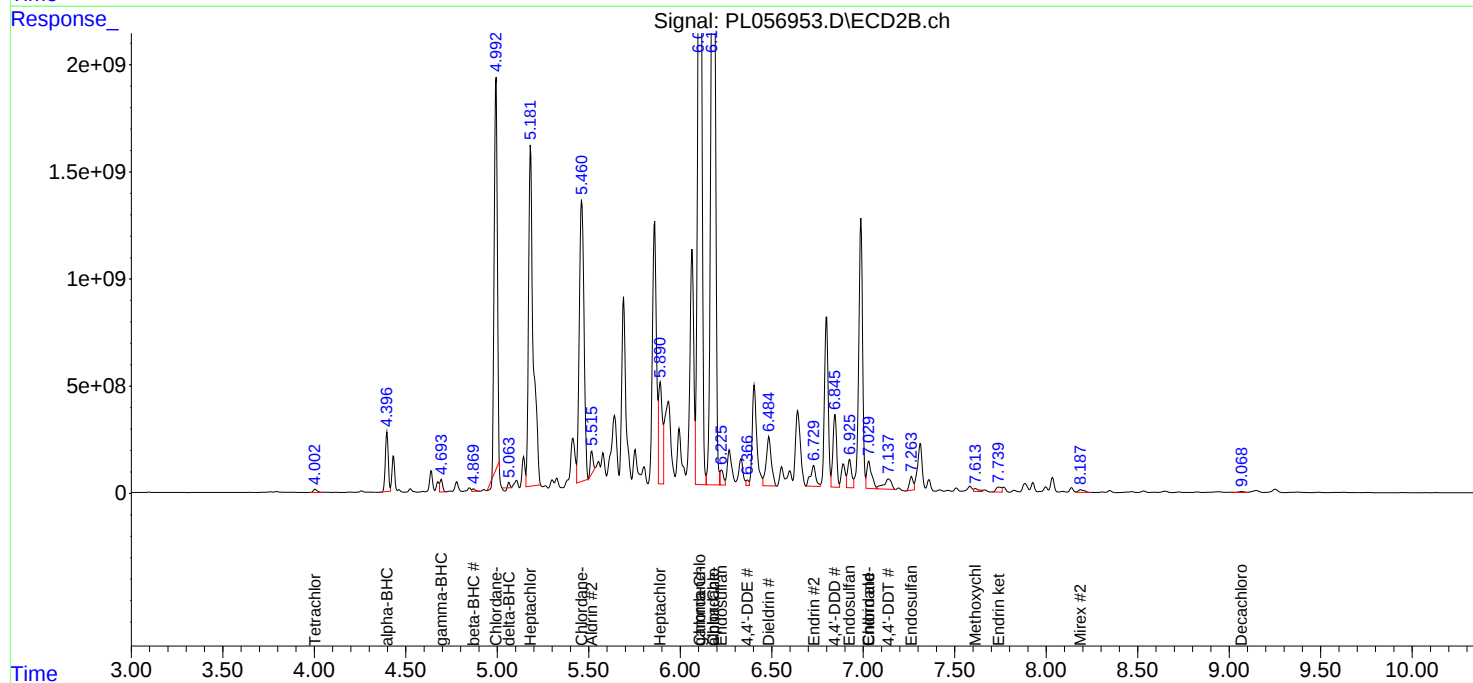
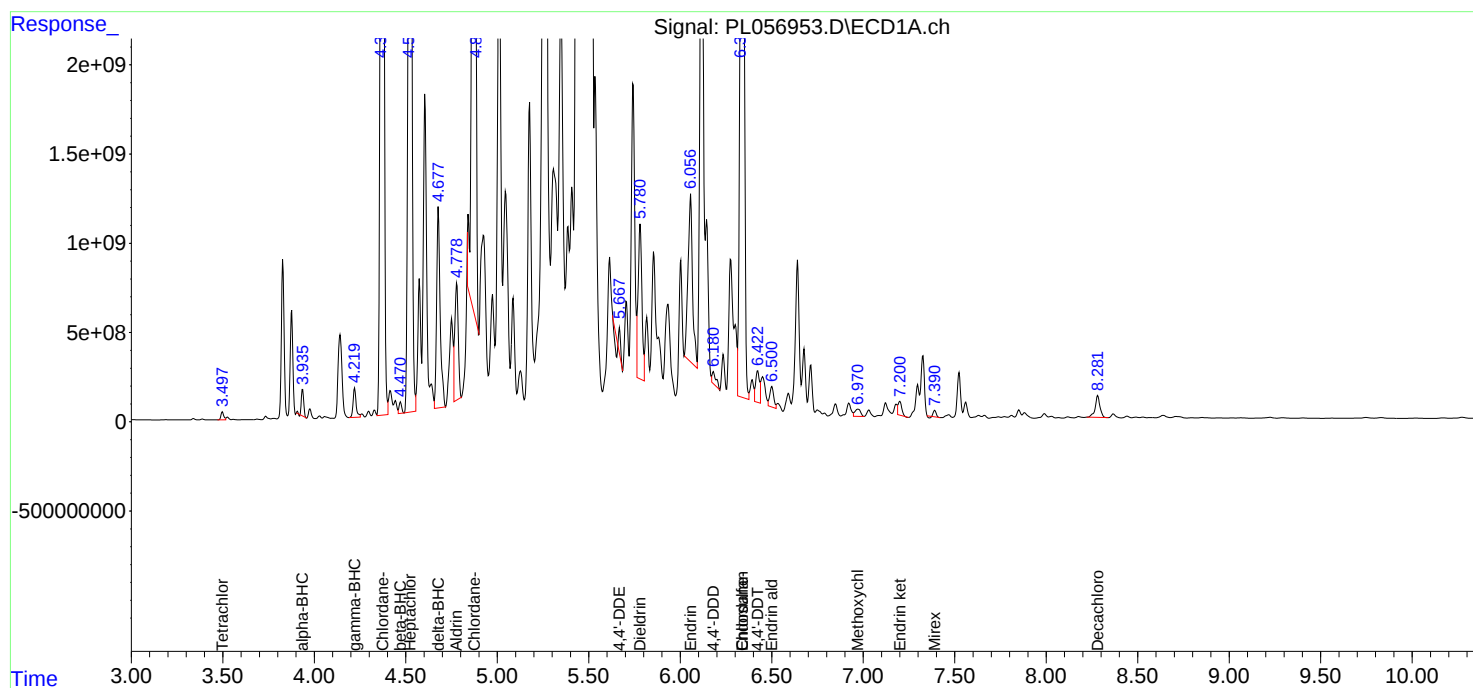
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

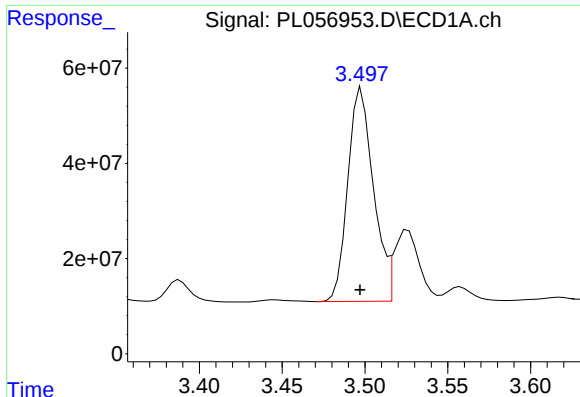
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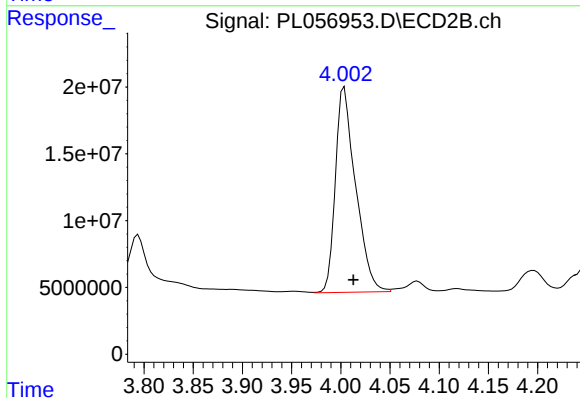




#1 Tetrachloro-m-xylene

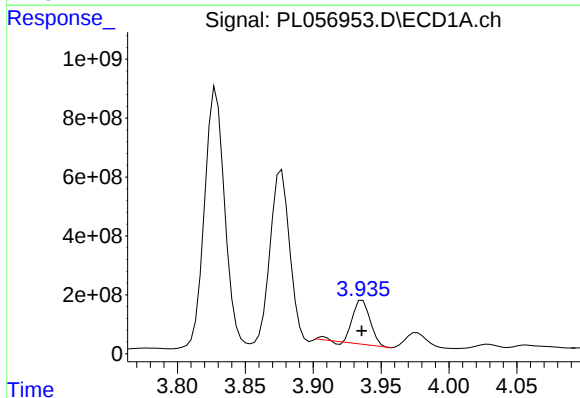
R.T.: 3.498 min
Delta R.T.: 0.000 min
Response: 482224542
Conc: 26.96 ng/ml

Instrument :
ECD_L
ClientSampleId :



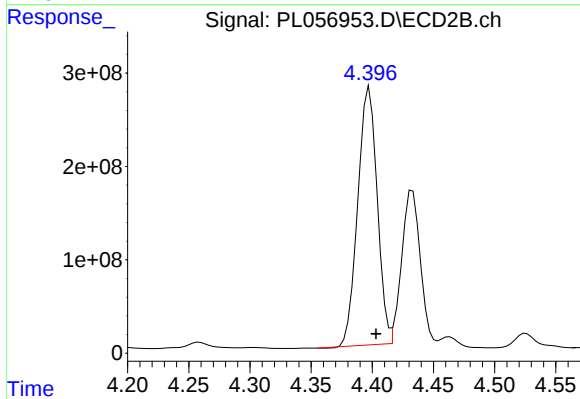
#1 Tetrachloro-m-xylene

R.T.: 4.004 min
Delta R.T.: -0.009 min
Response: 219431902
Conc: 40.95 ng/ml



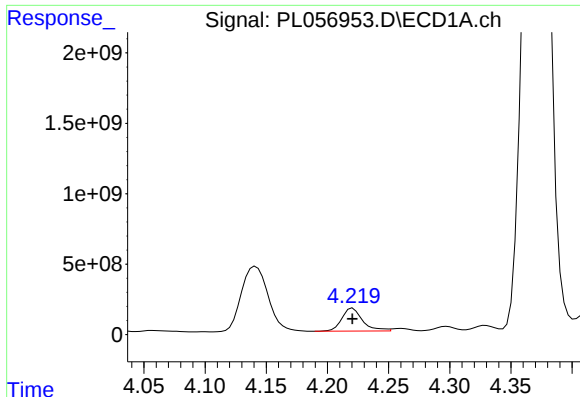
#2 alpha-BHC

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 1341509025
Conc: 44.07 ng/ml



#2 alpha-BHC

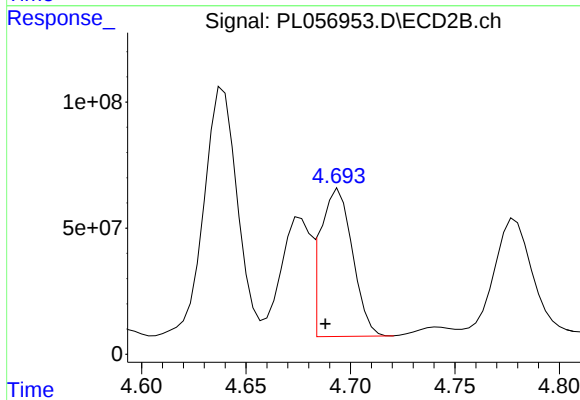
R.T.: 4.398 min
Delta R.T.: -0.005 min
Response: 3043310052
Conc: 369.36 ng/ml



#3 gamma-BHC (Lindane)

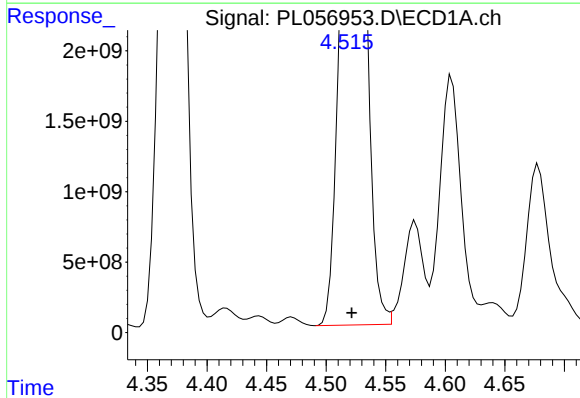
R.T.: 4.221 min
Delta R.T.: 0.000 min
Response: 1917165524
Conc: 66.70 ng/ml

Instrument :
ECD_L
ClientSampleId :



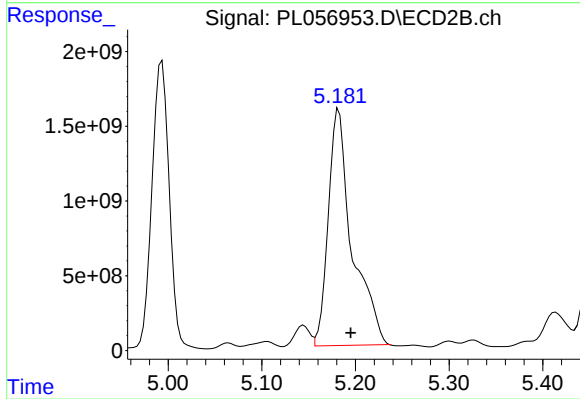
#3 gamma-BHC (Lindane)

R.T.: 4.695 min
Delta R.T.: 0.007 min
Response: 629653419
Conc: 82.13 ng/ml



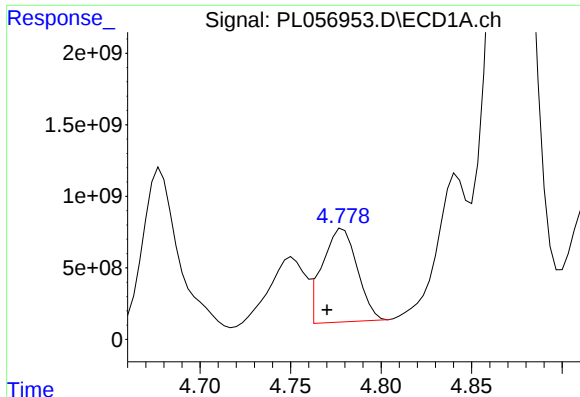
#4 Heptachlor

R.T.: 4.516 min
Delta R.T.: -0.006 min
Response: 34011971635
Conc: 1209.88 ng/ml



#4 Heptachlor

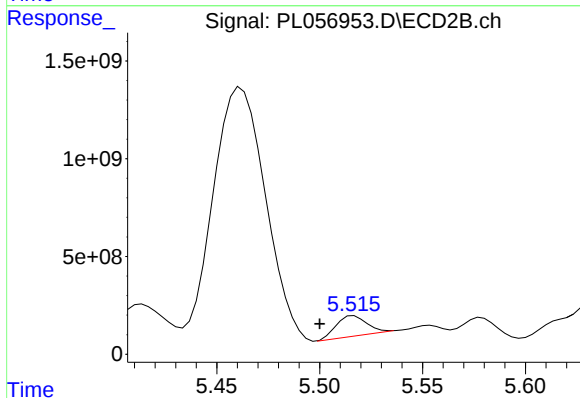
R.T.: 5.182 min
Delta R.T.: -0.013 min
Response: 24416745406
Conc: 3796.07 ng/ml



#5 Aldrin

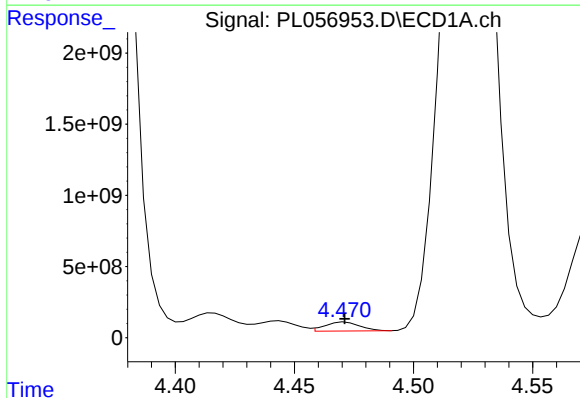
R.T.: 4.779 min
Delta R.T.: 0.009 min
Response: 8814299125
Conc: 313.82 ng/ml

Instrument :
ECD_L
ClientSampleId :



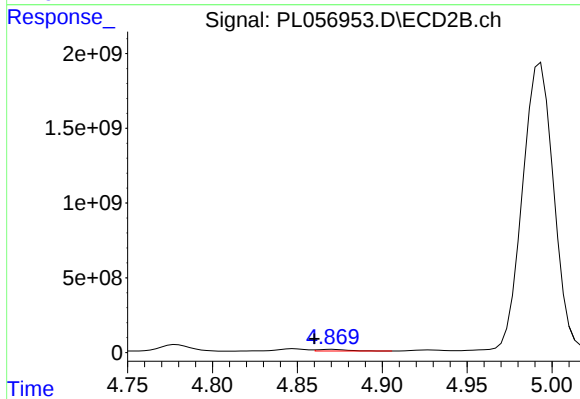
#5 Aldrin

R.T.: 5.517 min
Delta R.T.: 0.017 min
Response: 1065399433
Conc: 160.40 ng/ml



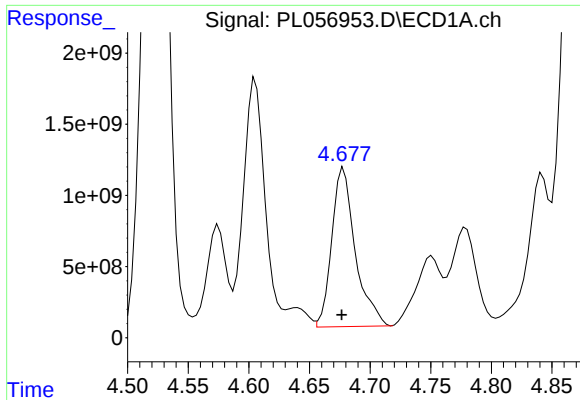
#6 beta-BHC

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 637369102
Conc: 56.49 ng/ml



#6 beta-BHC

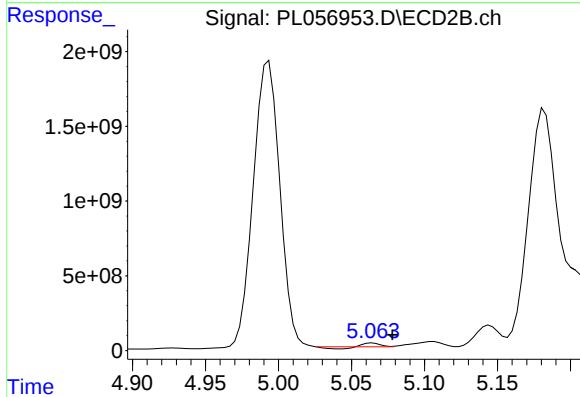
R.T.: 4.871 min
Delta R.T.: 0.011 min
Response: 132725144
Conc: 39.79 ng/ml



#7 delta-BHC

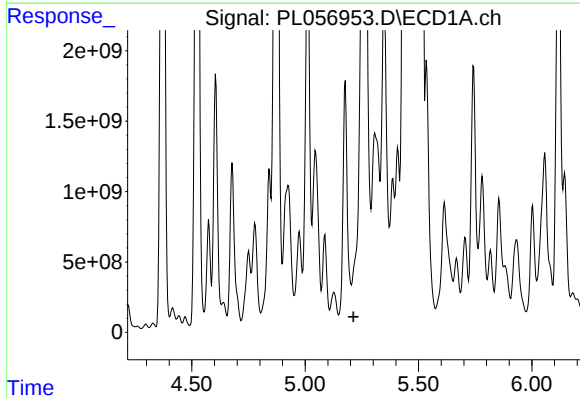
R.T.: 4.678 min
Delta R.T.: 0.002 min
Response: 15078074197
Conc: 536.69 ng/ml

Instrument :
ECD_L
ClientSampleId :



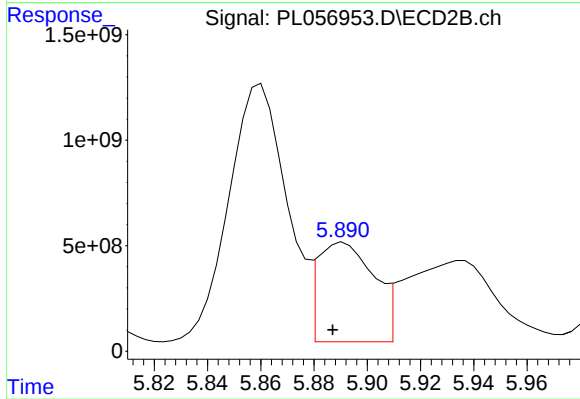
#7 delta-BHC

R.T.: 5.064 min
Delta R.T.: -0.014 min
Response: 83951106
Conc: 13.30 ng/ml



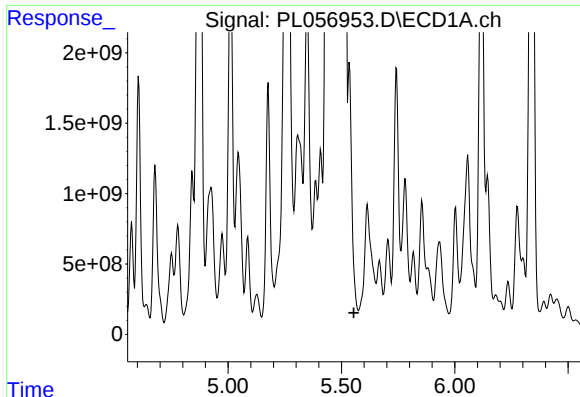
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.214 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

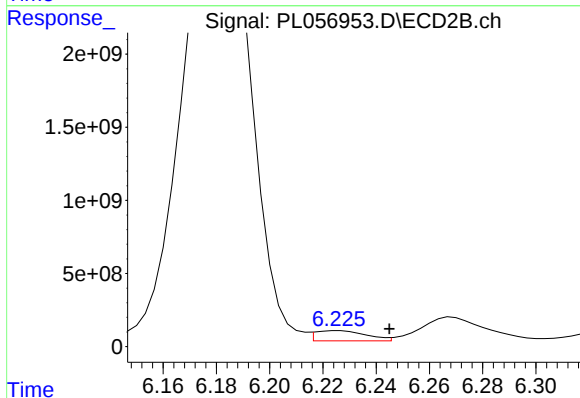
R.T.: 5.891 min
Delta R.T.: 0.004 min
Response: 6888385790
Conc: 1154.93 ng/ml



#9 Endosulfan I

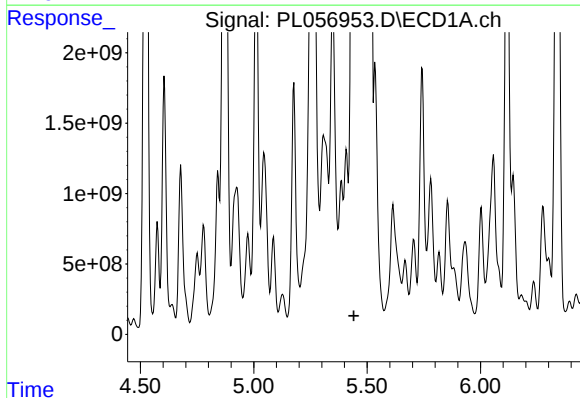
R.T.: 0.000 min
Exp R.T.: 5.554 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



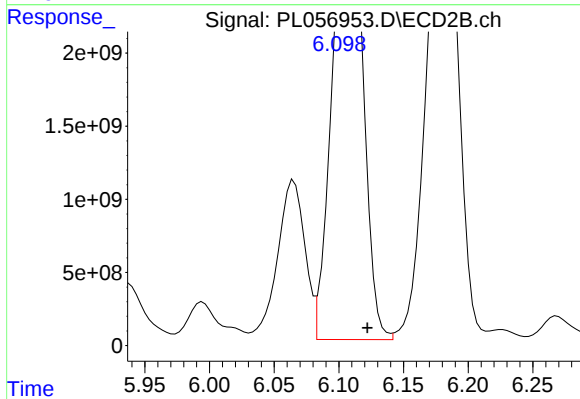
#9 Endosulfan I

R.T.: 6.226 min
Delta R.T.: -0.019 min
Response: 924696298
Conc: 164.80 ng/ml



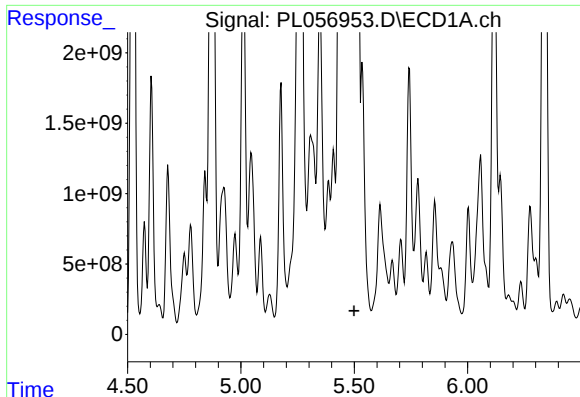
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.441 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

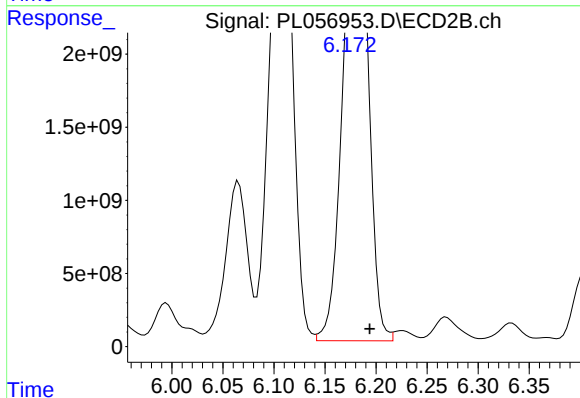
R.T.: 6.102 min
Delta R.T.: -0.020 min
Response: 35092368359
Conc: 5855.02 ng/ml



#11 alpha-Chlordane

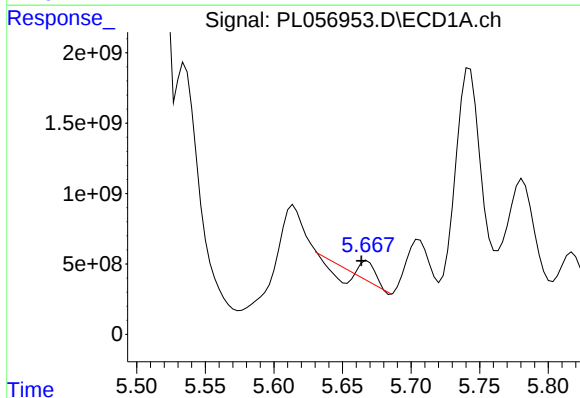
R.T.: 0.000 min
Exp R.T.: 5.499 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



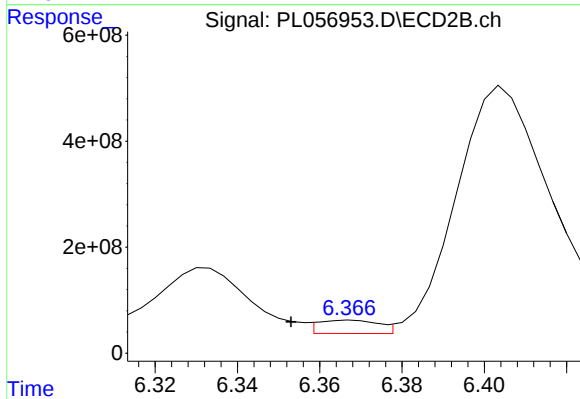
#11 alpha-Chlordane

R.T.: 6.185 min
Delta R.T.: -0.009 min
Response: 37899118572
Conc: 6370.70 ng/ml



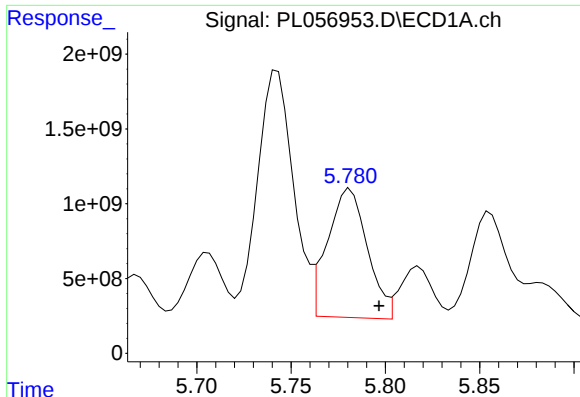
#12 4,4'-DDE

R.T.: 5.668 min
Delta R.T.: 0.005 min
Response: 396230490
Conc: 15.40 ng/ml



#12 4,4'-DDE

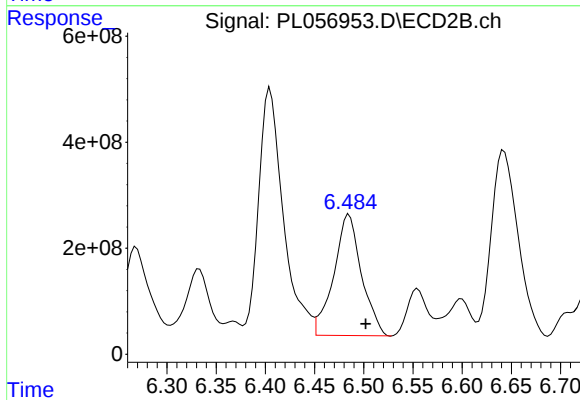
R.T.: 6.368 min
Delta R.T.: 0.015 min
Response: 258290945
Conc: 44.36 ng/ml



#13 Dieldrin

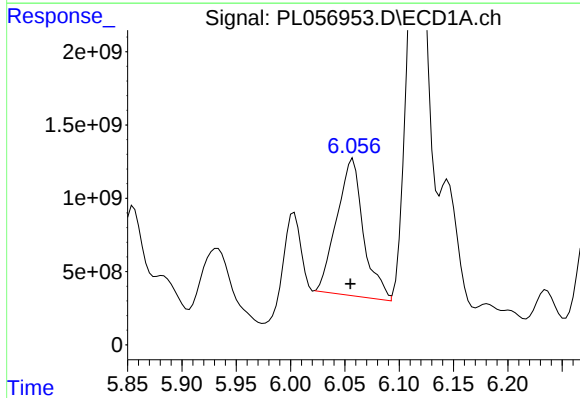
R.T.: 5.779 min
Delta R.T.: -0.017 min
Response: 9079374292
Conc: 335.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



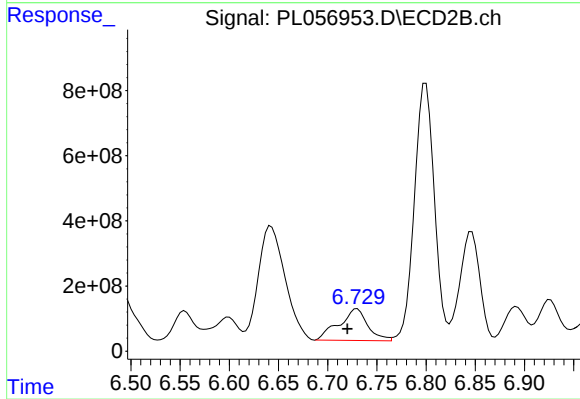
#13 Dieldrin

R.T.: 6.485 min
Delta R.T.: -0.017 min
Response: 4492049211
Conc: 754.67 ng/ml



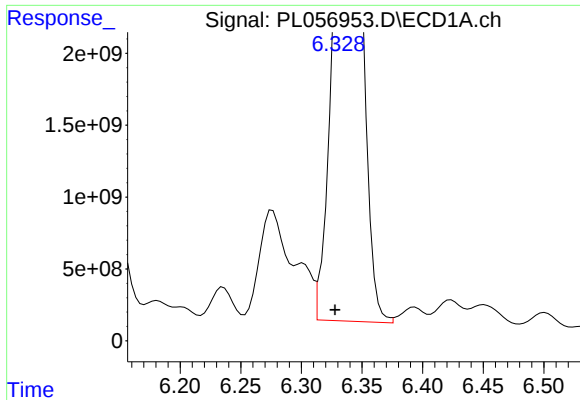
#14 Endrin

R.T.: 6.049 min
Delta R.T.: -0.006 min
Response: 12437374226
Conc: 510.52 ng/ml



#14 Endrin

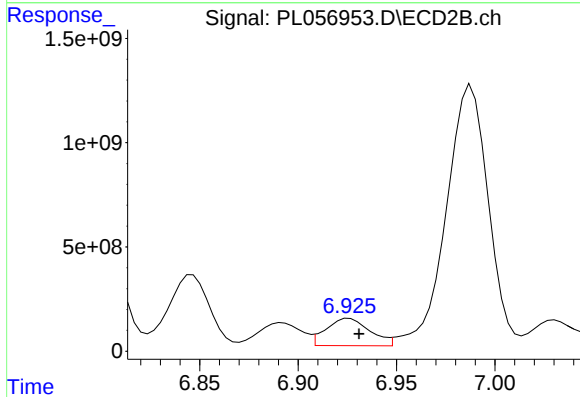
R.T.: 6.730 min
Delta R.T.: 0.010 min
Response: 1973372932
Conc: 384.26 ng/ml



#15 Endosulfan II

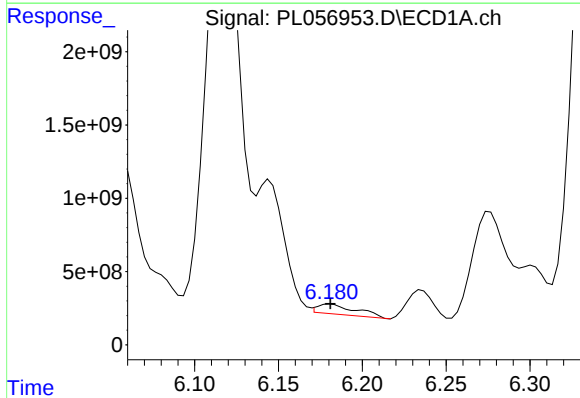
R.T.: 6.336 min
Delta R.T.: 0.008 min
Response: 36250901846
Conc: 1683.99 ng/ml

Instrument :
ECD_L
ClientSampleId :



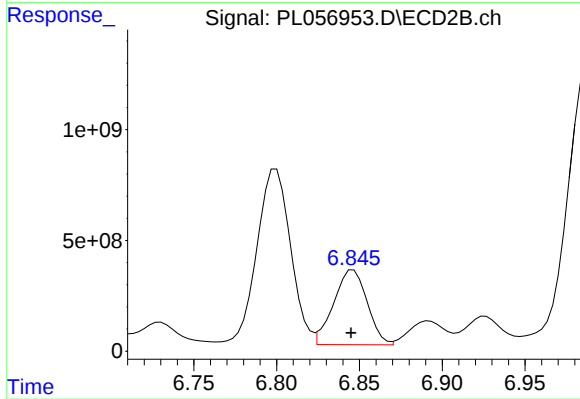
#15 Endosulfan II

R.T.: 6.926 min
Delta R.T.: -0.005 min
Response: 2025199002
Conc: 379.44 ng/ml



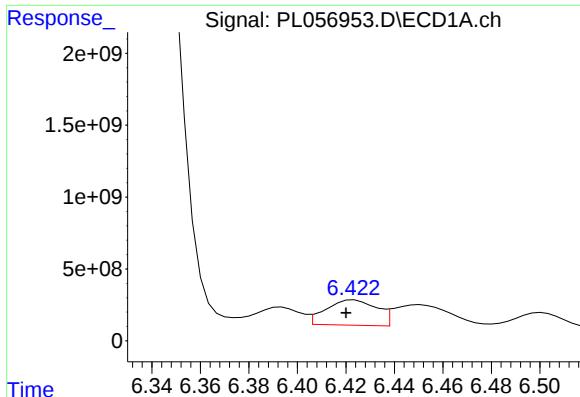
#16 4,4'-DDD

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 1118573372
Conc: 56.84 ng/ml



#16 4,4'-DDD

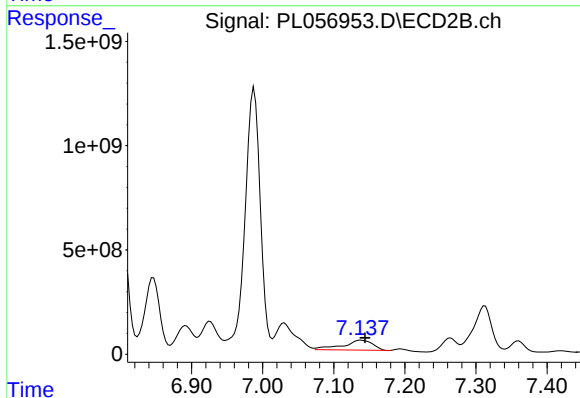
R.T.: 6.846 min
Delta R.T.: 0.001 min
Response: 4772440186
Conc: 992.08 ng/ml



#17 4,4'-DDT

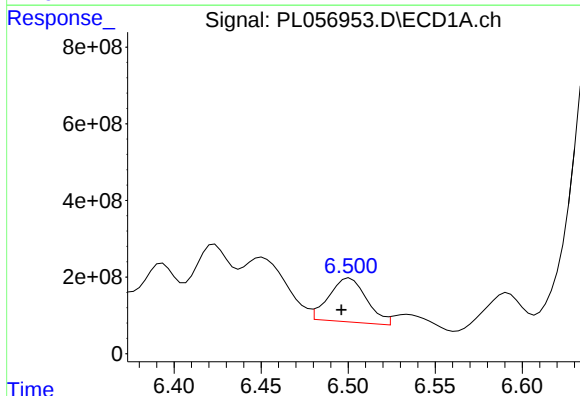
R.T.: 6.423 min
Delta R.T.: 0.003 min
Response: 2550998960
Conc: 127.06 ng/ml

Instrument :
ECD_L
ClientSampleId :



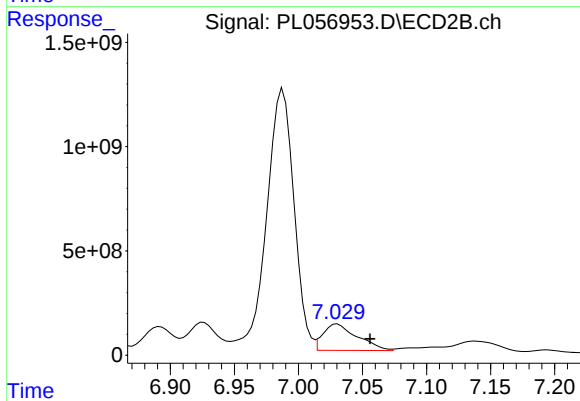
#17 4,4'-DDT

R.T.: 7.138 min
Delta R.T.: -0.006 min
Response: 1379964435
Conc: 302.33 ng/ml



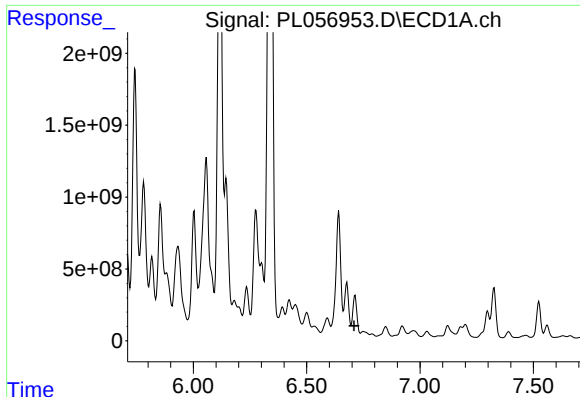
#18 Endrin aldehyde

R.T.: 6.501 min
Delta R.T.: 0.005 min
Response: 1728843519
Conc: 87.38 ng/ml



#18 Endrin aldehyde

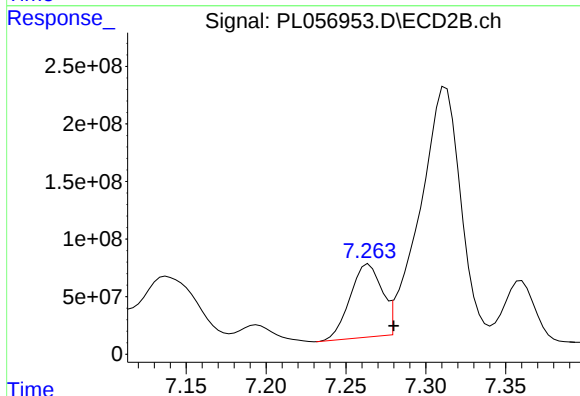
R.T.: 7.030 min
Delta R.T.: -0.026 min
Response: 2360053161
Conc: 535.12 ng/ml



#19 Endosulfan Sulfate

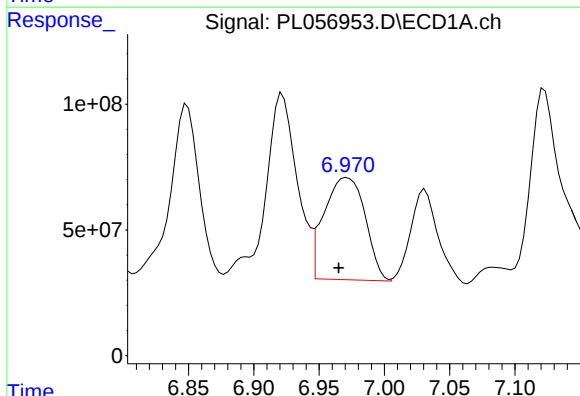
R.T.: 6.713 min
Delta R.T.: 0.003 min
Response: -458177469
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



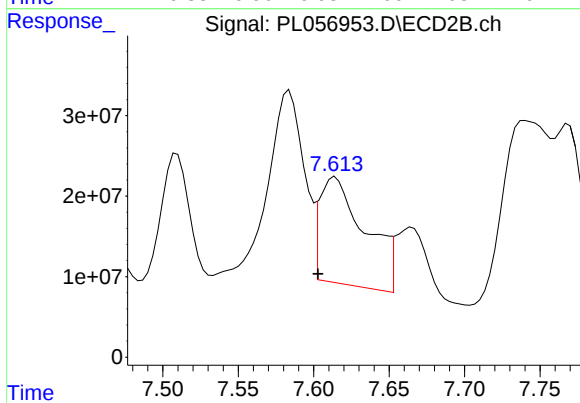
#19 Endosulfan Sulfate

R.T.: 7.264 min
Delta R.T.: -0.016 min
Response: 873831300
Conc: 180.88 ng/ml



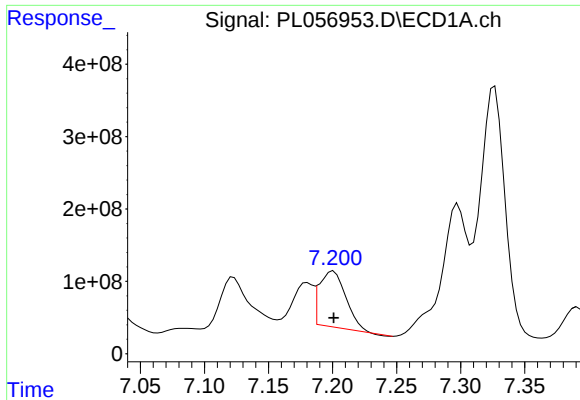
#20 Methoxychlor

R.T.: 6.971 min
Delta R.T.: 0.006 min
Response: 889943264
Conc: 85.90 ng/ml



#20 Methoxychlor

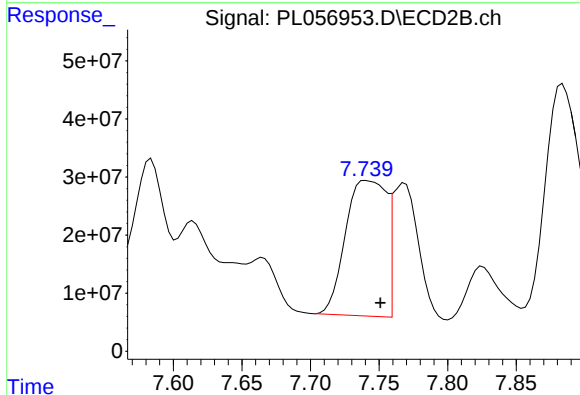
R.T.: 7.614 min
Delta R.T.: 0.011 min
Response: 277426981
Conc: 118.62 ng/ml



#21 Endrin ketone

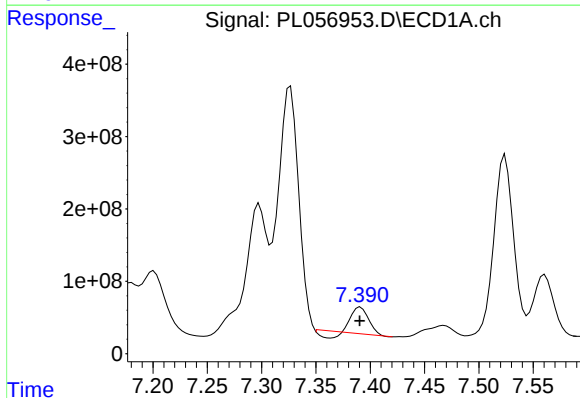
R.T.: 7.201 min
Delta R.T.: 0.000 min
Response: 1108777746
Conc: 45.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



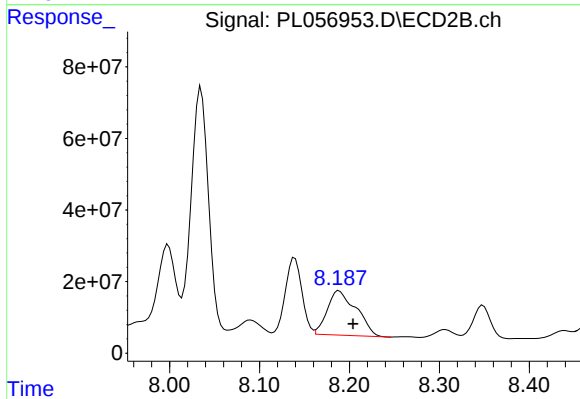
#21 Endrin ketone

R.T.: 7.741 min
Delta R.T.: -0.010 min
Response: 481685453
Conc: 93.58 ng/ml



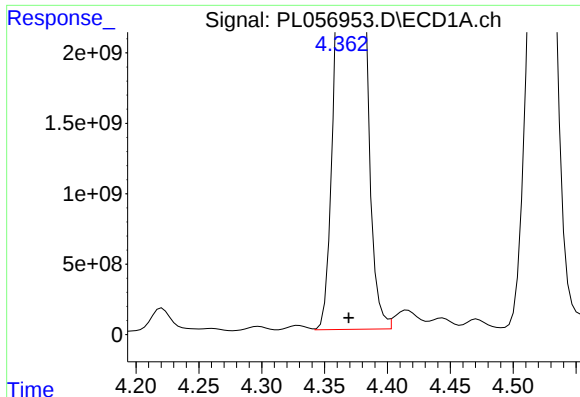
#22 Mirex

R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 322872649
Conc: 22.77 ng/ml



#22 Mirex

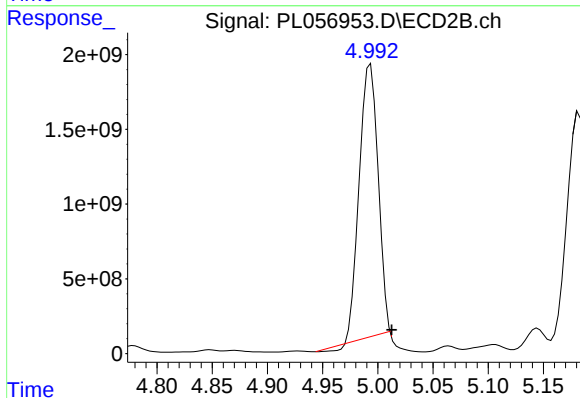
R.T.: 8.189 min
Delta R.T.: -0.015 min
Response: 277944372
Conc: 82.46 ng/ml



#23 Chlordane-1

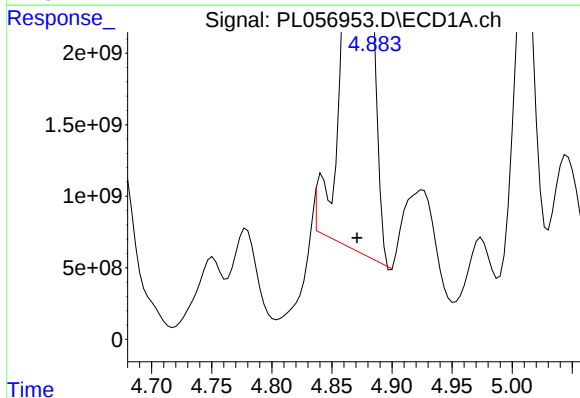
R.T.: 4.379 min
Delta R.T.: 0.010 min
Response: 34736301014
Conc: 49880.88 ng/ml

Instrument :
ECD_L
ClientSampleId :



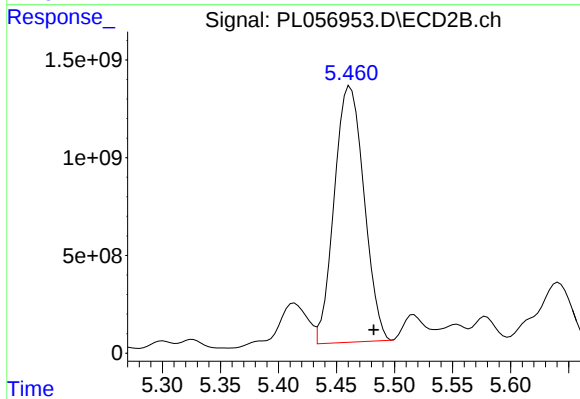
#23 Chlordane-1

R.T.: 4.997 min
Delta R.T.: -0.016 min
Response: 17937040060
Conc: 90508.59 ng/ml



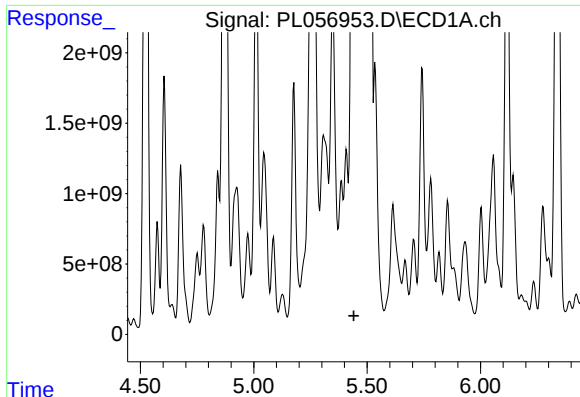
#24 Chlordane-2

R.T.: 4.869 min
Delta R.T.: -0.002 min
Response: 22275276041
Conc: 28688.88 ng/ml



#24 Chlordane-2

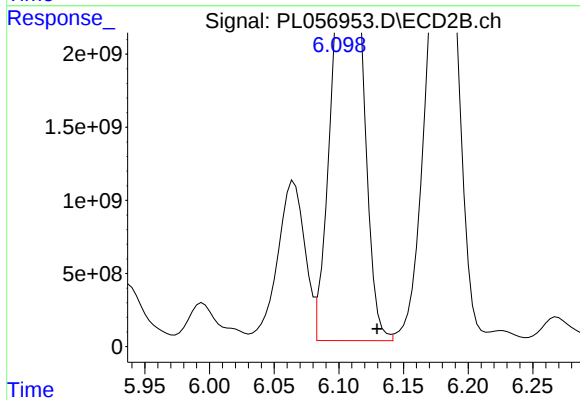
R.T.: 5.459 min
Delta R.T.: -0.023 min
Response: 19767796353
Conc: 94811.93 ng/ml



#25 Chlordane-3

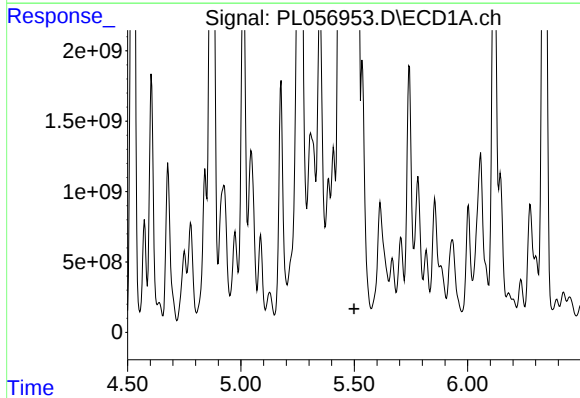
R.T.: 0.000 min
Exp R.T.: 5.442 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



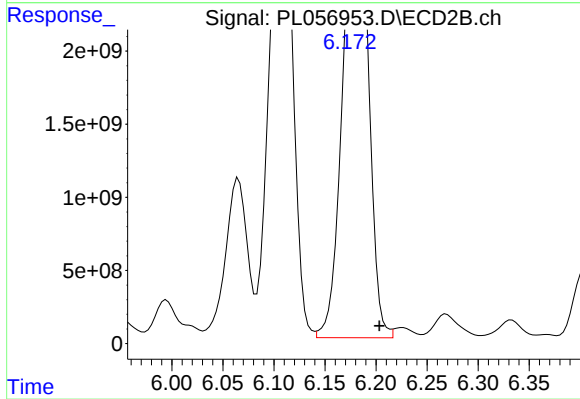
#25 Chlordane-3

R.T.: 6.102 min
Delta R.T.: -0.028 min
Response: 35092368359
Conc: 46057.40 ng/ml



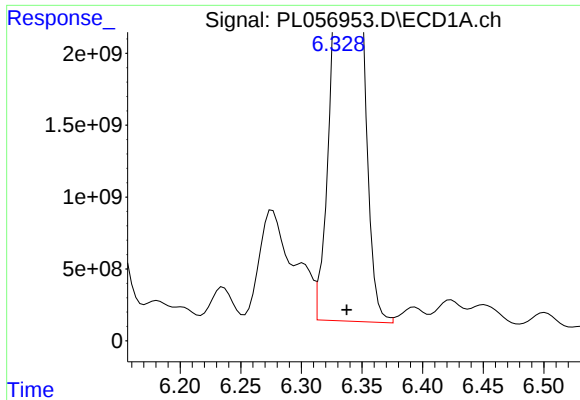
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 5.500 min
Response: 0
Conc: N.D.



#26 Chlordane-4

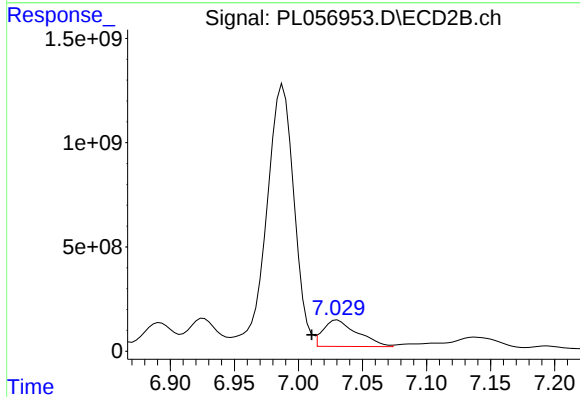
R.T.: 6.185 min
Delta R.T.: -0.018 min
Response: 37899118572
Conc: 42664.06 ng/ml



#27 Chlordane-5

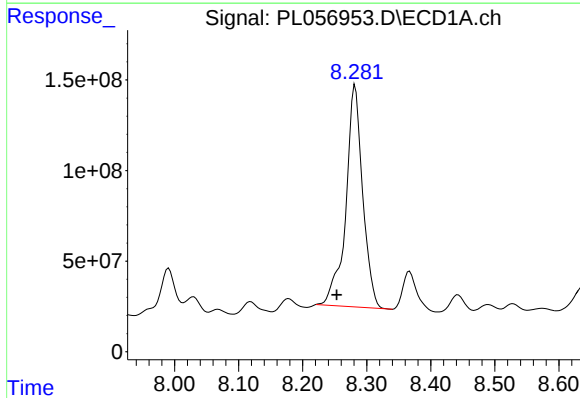
R.T.: 6.336 min
Delta R.T.: -0.002 min
Response: 36250901846
Conc: 43768.23 ng/ml

Instrument :
ECD_L
ClientSampleId :



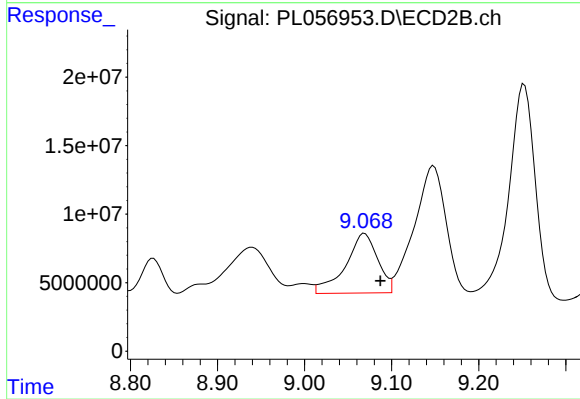
#27 Chlordane-5

R.T.: 7.030 min
Delta R.T.: 0.020 min
Response: 2360053161
Conc: 13850.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.282 min
Delta R.T.: 0.029 min
Response: 2229933978
Conc: 112.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: -0.018 min
Response: 111686348
Conc: 26.39 ng/ml