

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080119\
 Data File : PL050962.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2019 17:41
 Operator : SM\AJ
 Sample : K3618-10MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 HD-01-073019MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 01:02:00 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...	3.319	3.929	212.6E6	63042138	21.156	22.095
28)	SA Decachlor...	7.978	8.957	247.2E6	65632081	24.419	23.209
Target Compounds							
2)	A alpha-BHC	3.746	4.317	1101.2E6	283.6E6	65.712	68.745
3)	MA gamma-BHC...	4.021	4.600	1033.1E6	268.0E6	67.164	69.189
4)	MA Heptachlor	4.305	5.101	1125.1E6	290.7E6	68.570	70.097
5)	MB Aldrin	4.543	5.403	1066.3E6	269.0E6	68.833	71.383
6)	B beta-BHC	4.276	4.777	424.8E6	123.9E6	64.796	71.649
7)	B delta-BHC	4.469	4.990	1015.2E6	241.0E6	61.870	62.310
8)	B Heptachlo...	4.979	5.790	984.6E6	253.1E6	66.647	66.173
9)	A Endosulfan I	5.309	6.145	987.6E6	241.0E6	67.907	70.072
10)	B gamma-Chl...	5.201	6.024	1080.5E6	259.5E6	68.461	70.223
11)	B alpha-Chl...	5.257	6.095	1040.5E6	256.8E6	68.203	70.054
12)	B 4,4'-DDE	5.423	6.256	1008.0E6	257.7E6	67.261	71.527
13)	MA Dieldrin	5.548	6.401	1055.9E6	256.6E6	68.134	72.465
14)	MA Endrin	5.800	6.618	1012.1E6	225.6E6	68.755	72.729
15)	B Endosulfa...	6.075	6.830	965.9E6	227.1E6	69.020	71.444
16)	A 4,4'-DDD	5.935	6.746	813.6E6	194.2E6	67.890	72.913
17)	MA 4,4'-DDT	6.168	7.042	871.6E6	204.2E6	70.370	75.638
18)	B Endrin al...	6.242	6.954	754.9E6	172.6E6	65.438	63.530
19)	B Endosulfa...	6.453	7.177	852.8E6	202.3E6	66.939	70.048
20)	A Methoxychlor	6.713	7.503	419.0E6	108.3E6	67.166	73.812
21)	B Endrin ke...	6.934	7.645	948.7E6	217.6E6	69.364	75.251
22)	Mirex	7.107	8.094	612.3E6	155.3E6	62.452	67.629
24)	Chlordane-2	4.672f	5.403f	21936662	269.0E6	49.009	2290.243 #
25)	Chlordane-3	5.201	6.024	1080.5E6	259.5E6	771.929	539.509 #
26)	Chlordane-4	5.257	6.095	1040.5E6	256.8E6	788.877	441.987 #
27)	Chlordane-5	6.075	0.000	965.9E6	0	1901.672	N.D. #

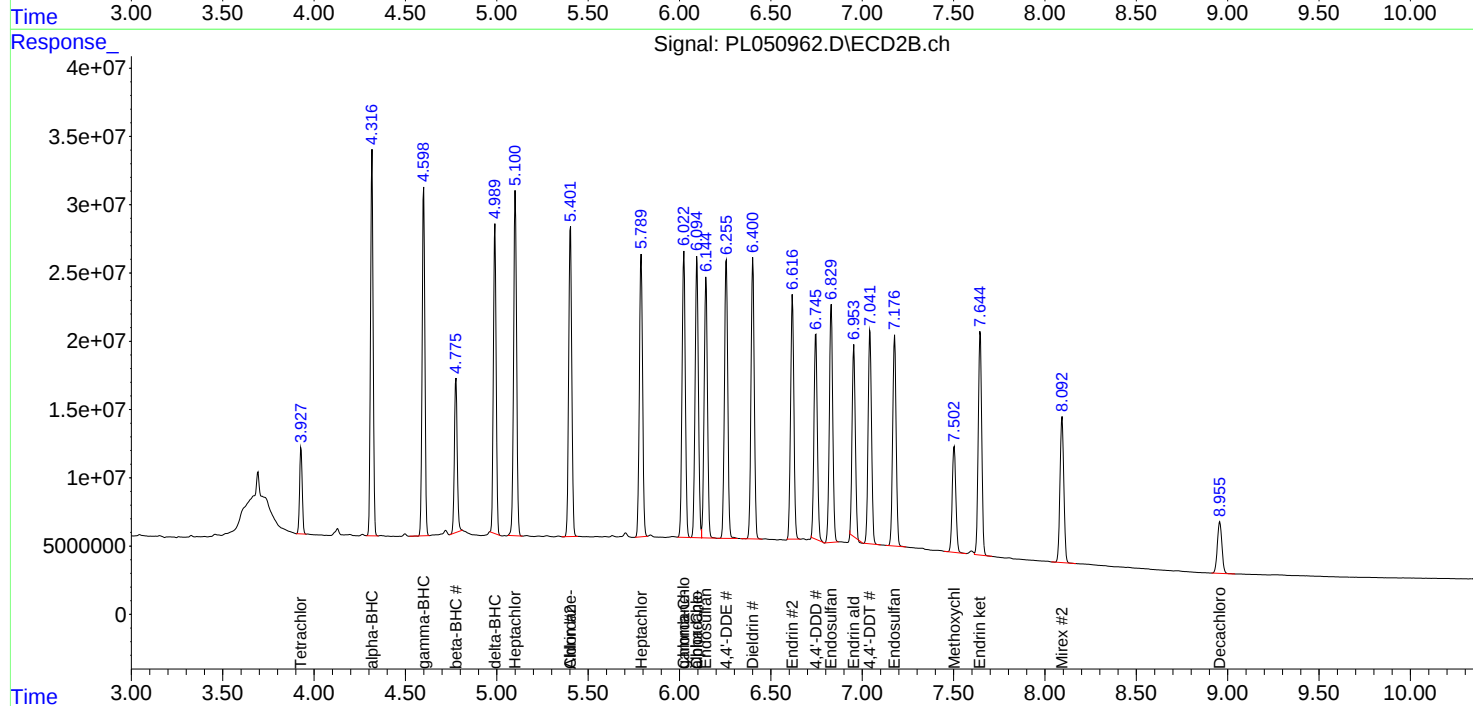
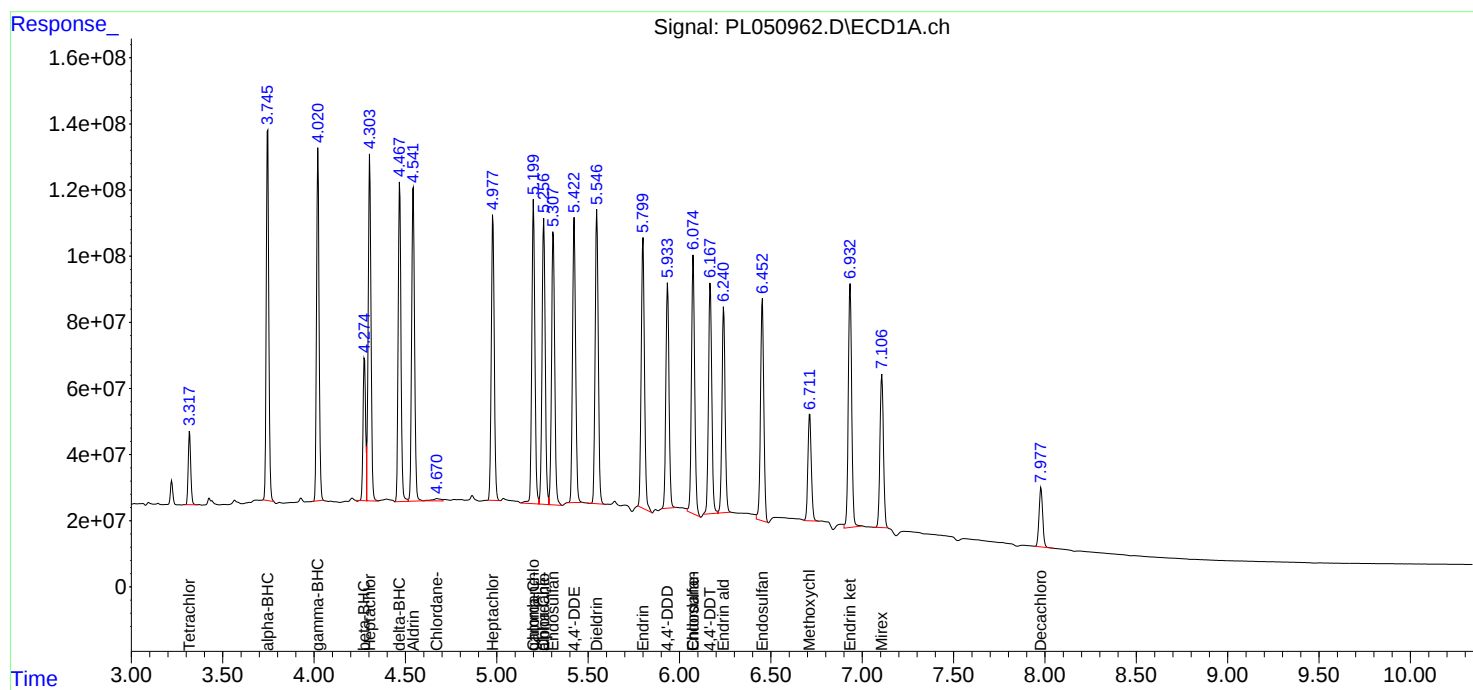
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

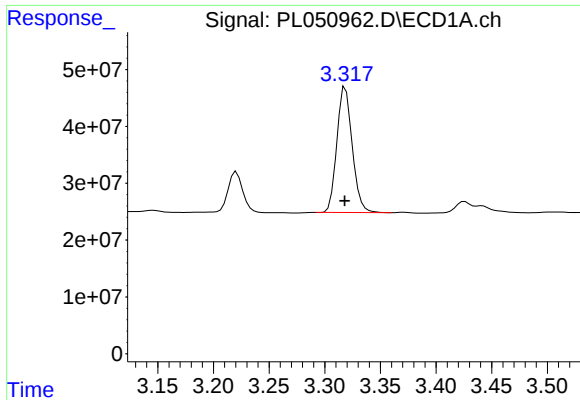
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080119\
Data File : PL050962.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 17:41
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Integration File signal 1: autoint1.e
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Quant Time: Aug 02 01:02:00 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
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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

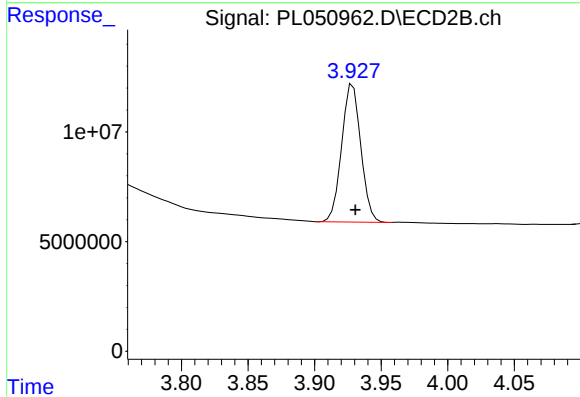




#1 Tetrachloro-m-xylene

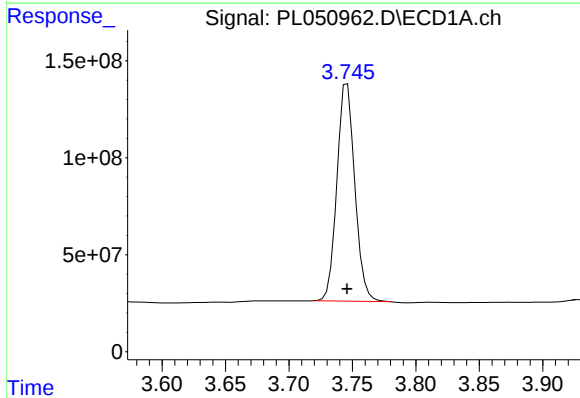
R.T.: 3.319 min
Delta R.T.: 0.000 min
Response: 212575667
Conc: 21.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-073019MSD



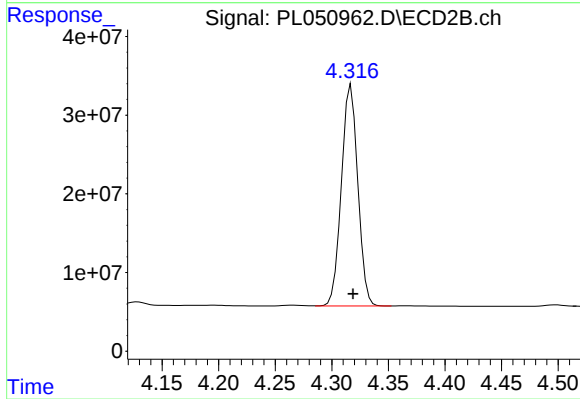
#1 Tetrachloro-m-xylene

R.T.: 3.929 min
Delta R.T.: -0.002 min
Response: 63042138
Conc: 22.10 ng/ml



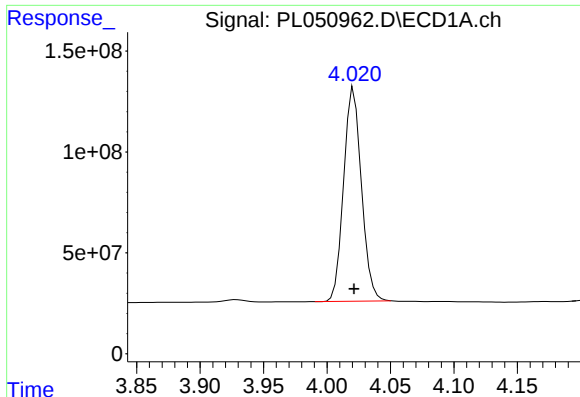
#2 alpha-BHC

R.T.: 3.746 min
Delta R.T.: 0.000 min
Response: 1101189507
Conc: 65.71 ng/ml



#2 alpha-BHC

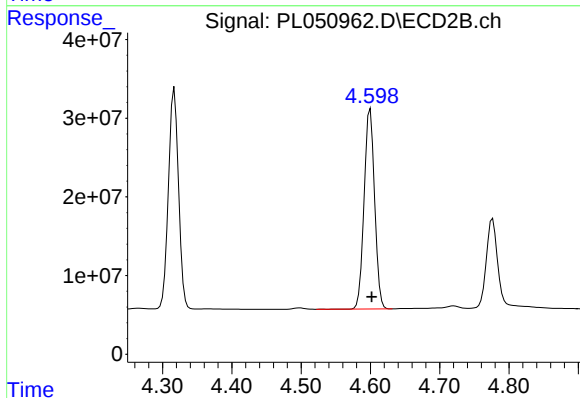
R.T.: 4.317 min
Delta R.T.: -0.002 min
Response: 283641149
Conc: 68.75 ng/ml



#3 gamma-BHC (Lindane)

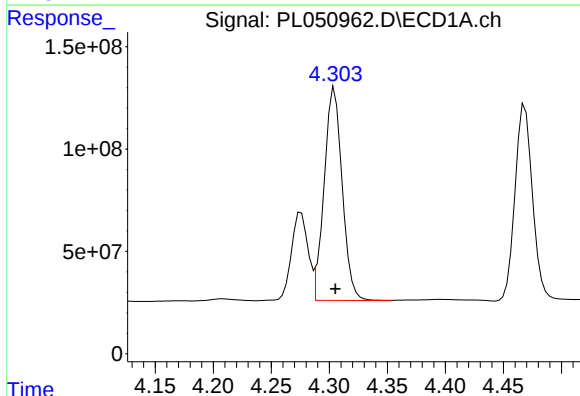
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 1033100849
Conc: 67.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-073019MSD



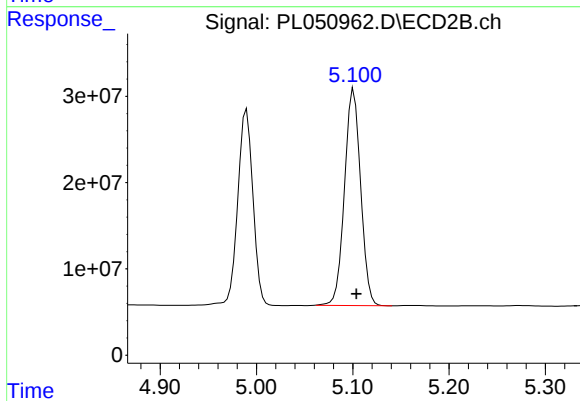
#3 gamma-BHC (Lindane)

R.T.: 4.600 min
Delta R.T.: -0.002 min
Response: 267982498
Conc: 69.19 ng/ml



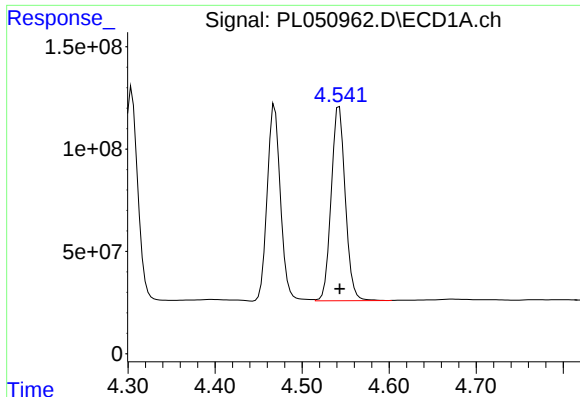
#4 Heptachlor

R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 1125086286
Conc: 68.57 ng/ml



#4 Heptachlor

R.T.: 5.101 min
Delta R.T.: -0.003 min
Response: 290668622
Conc: 70.10 ng/ml



#5 Aldrin

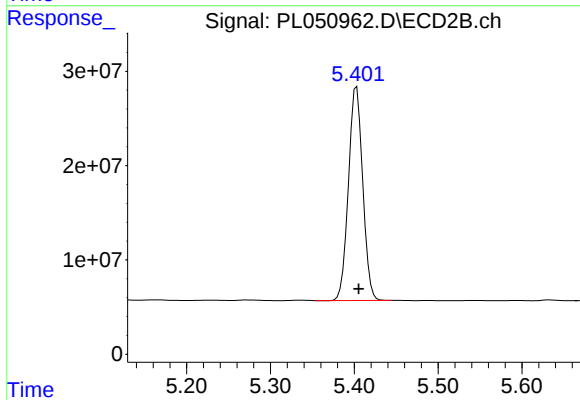
R.T.: 4.543 min

Delta R.T.: 0.000 min

Response: 1066325430

Conc: 68.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-073019MSD



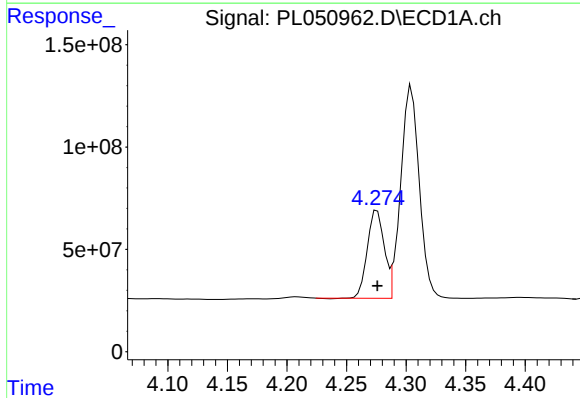
#5 Aldrin

R.T.: 5.403 min

Delta R.T.: -0.003 min

Response: 268994723

Conc: 71.38 ng/ml



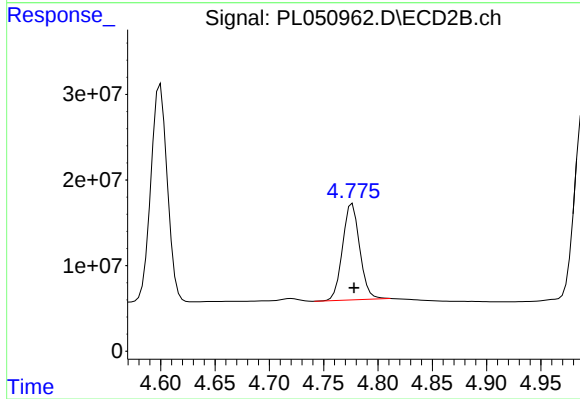
#6 beta-BHC

R.T.: 4.276 min

Delta R.T.: 0.000 min

Response: 424790068

Conc: 64.80 ng/ml



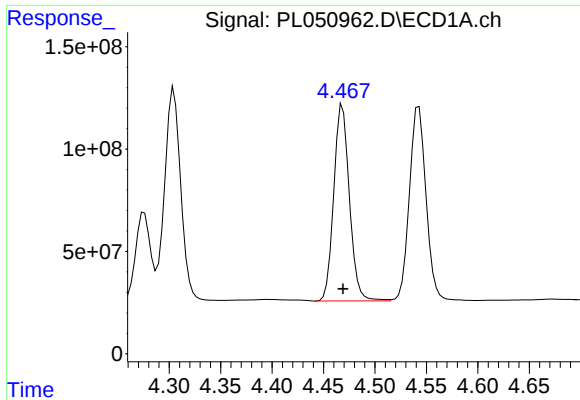
#6 beta-BHC

R.T.: 4.777 min

Delta R.T.: -0.002 min

Response: 123870656

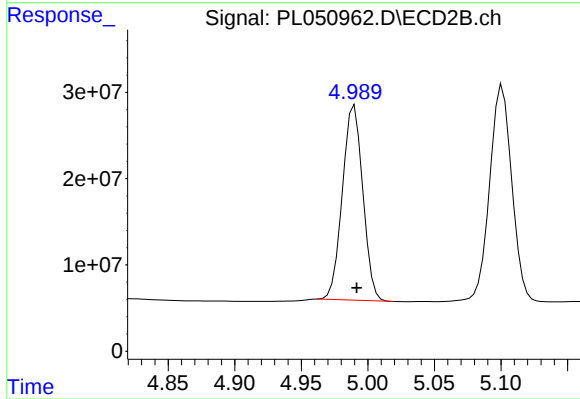
Conc: 71.65 ng/ml



#7 delta-BHC

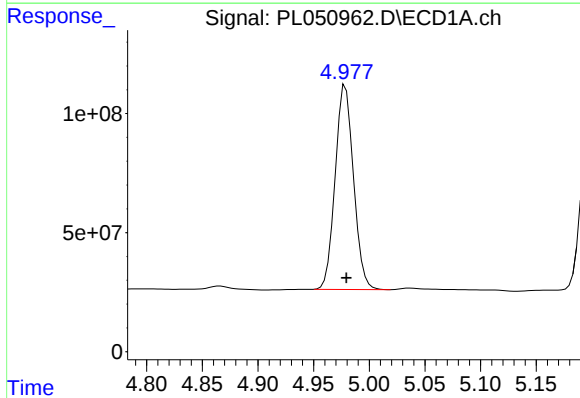
R.T.: 4.469 min
Delta R.T.: 0.000 min
Response: 1015199900
Conc: 61.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-073019MSD



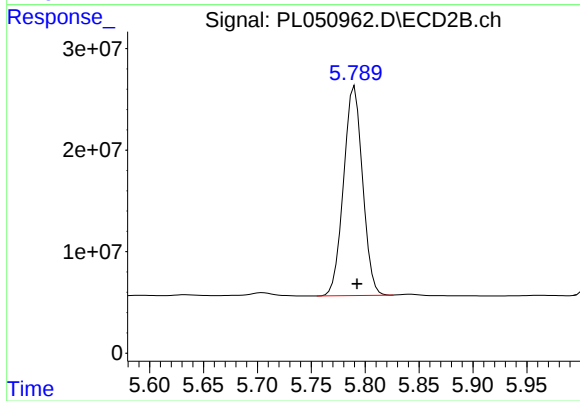
#7 delta-BHC

R.T.: 4.990 min
Delta R.T.: -0.002 min
Response: 240991159
Conc: 62.31 ng/ml



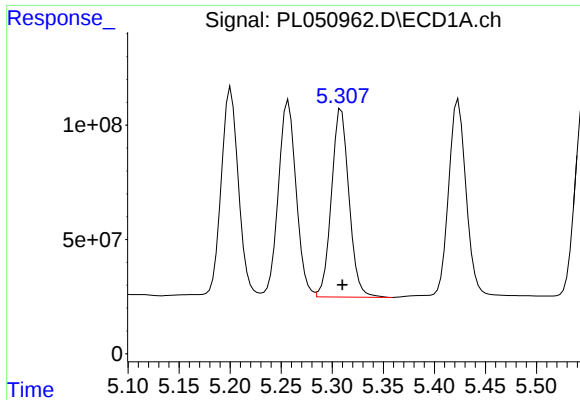
#8 Heptachlor epoxide

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 984616683
Conc: 66.65 ng/ml



#8 Heptachlor epoxide

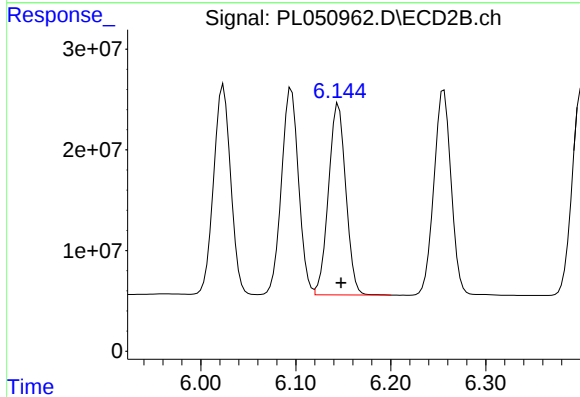
R.T.: 5.790 min
Delta R.T.: -0.002 min
Response: 253099604
Conc: 66.17 ng/ml



#9 Endosulfan I

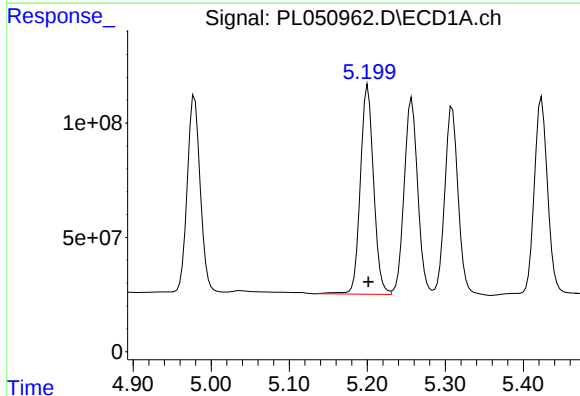
R.T.: 5.309 min
Delta R.T.: -0.001 min
Response: 987637603
Conc: 67.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-073019MSD



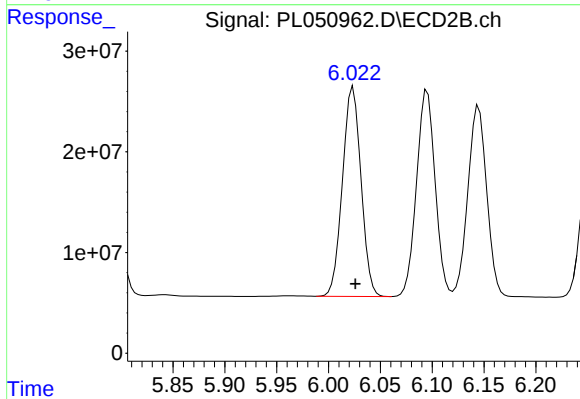
#9 Endosulfan I

R.T.: 6.145 min
Delta R.T.: -0.003 min
Response: 240970554
Conc: 70.07 ng/ml



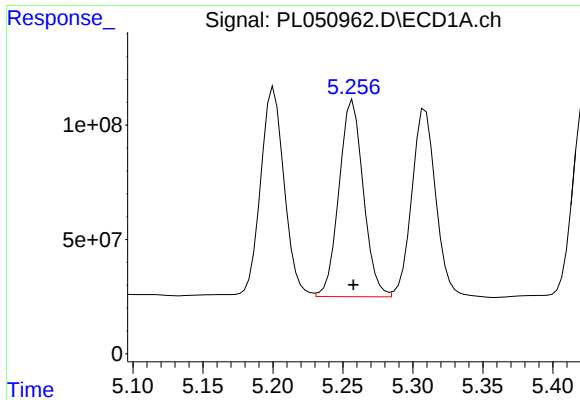
#10 gamma-Chlordane

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 1080536081
Conc: 68.46 ng/ml



#10 gamma-Chlordane

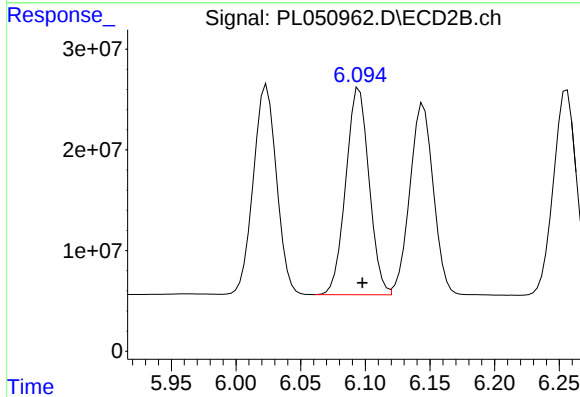
R.T.: 6.024 min
Delta R.T.: -0.002 min
Response: 259493005
Conc: 70.22 ng/ml



#11 alpha-Chlordane

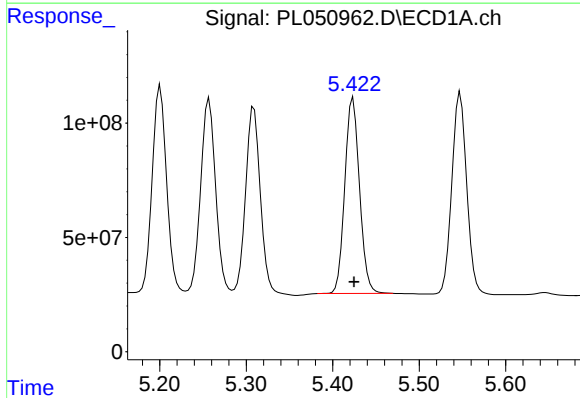
R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 1040511952
Conc: 68.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-073019MSD



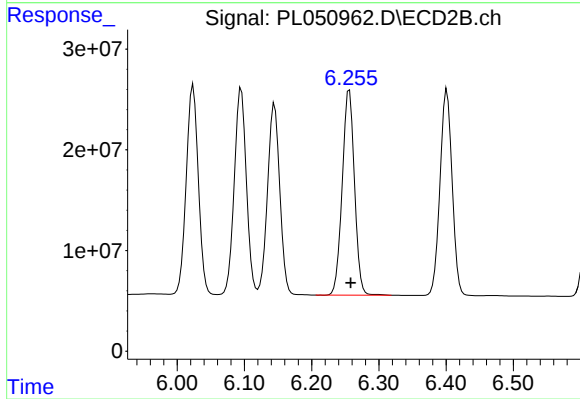
#11 alpha-Chlordane

R.T.: 6.095 min
Delta R.T.: -0.003 min
Response: 256758574
Conc: 70.05 ng/ml



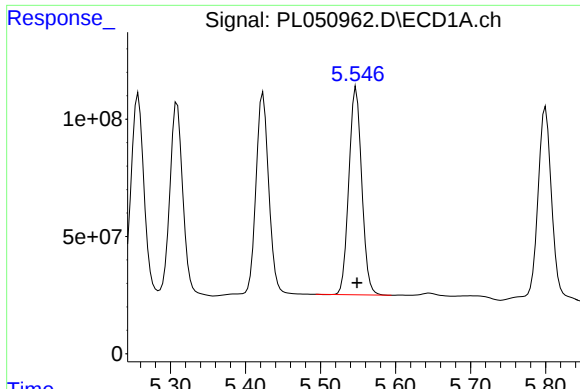
#12 4,4'-DDE

R.T.: 5.423 min
Delta R.T.: -0.001 min
Response: 1007970115
Conc: 67.26 ng/ml



#12 4,4'-DDE

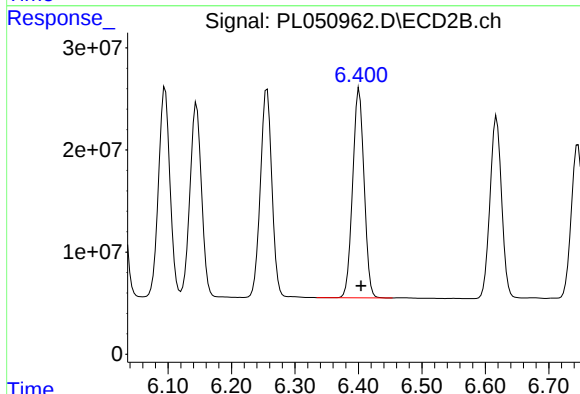
R.T.: 6.256 min
Delta R.T.: -0.002 min
Response: 257738306
Conc: 71.53 ng/ml



#13 Dieldrin

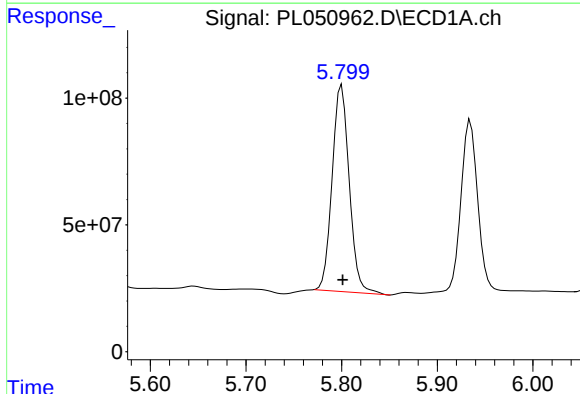
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 1055857797
Conc: 68.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-073019MSD



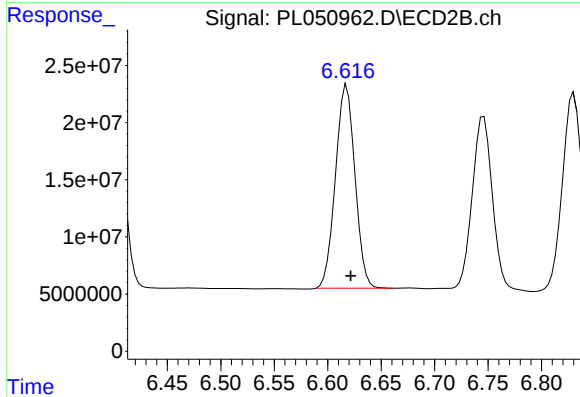
#13 Dieldrin

R.T.: 6.401 min
Delta R.T.: -0.003 min
Response: 256609922
Conc: 72.47 ng/ml



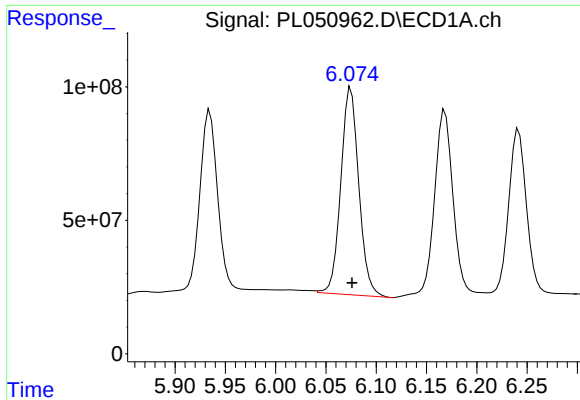
#14 Endrin

R.T.: 5.800 min
Delta R.T.: -0.001 min
Response: 1012099673
Conc: 68.75 ng/ml



#14 Endrin

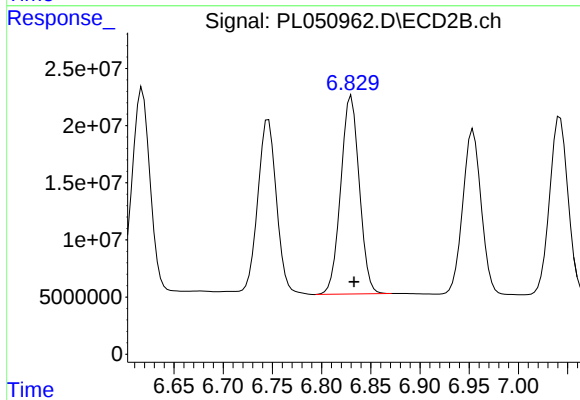
R.T.: 6.618 min
Delta R.T.: -0.004 min
Response: 225562925
Conc: 72.73 ng/ml



#15 Endosulfan II

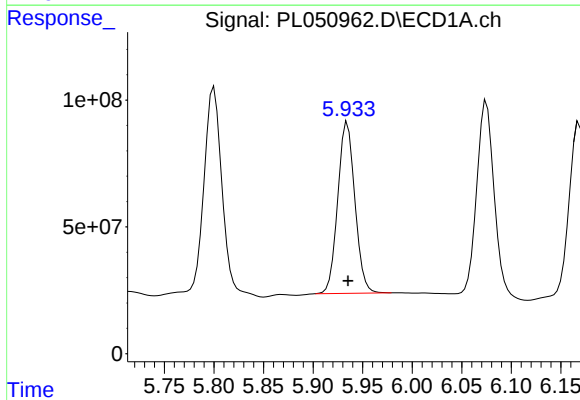
R.T.: 6.075 min
Delta R.T.: -0.001 min
Response: 965929814
Conc: 69.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-073019MSD



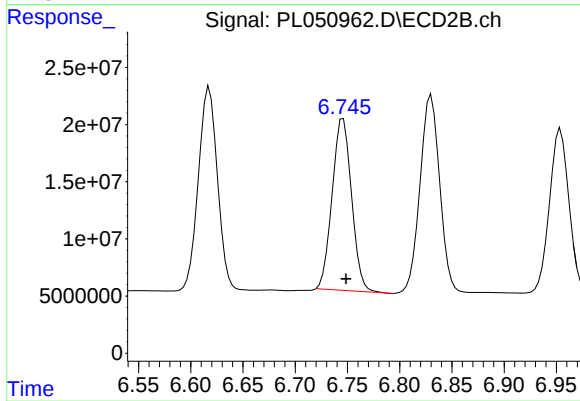
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: -0.003 min
Response: 227132430
Conc: 71.44 ng/ml



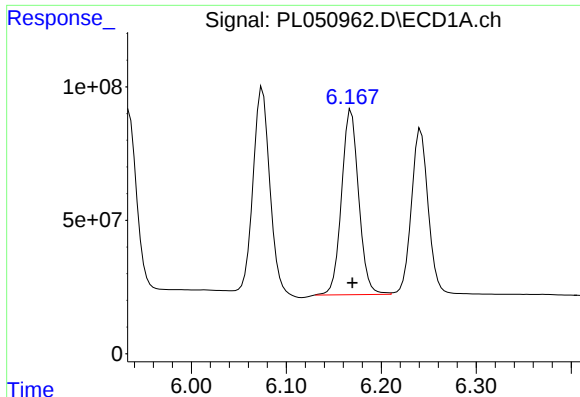
#16 4,4'-DDD

R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 813584932
Conc: 67.89 ng/ml



#16 4,4'-DDD

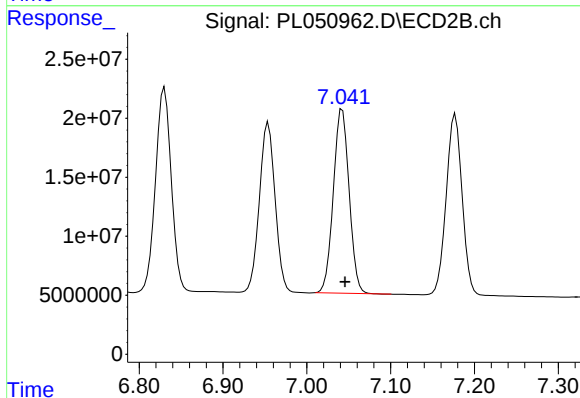
R.T.: 6.746 min
Delta R.T.: -0.003 min
Response: 194159803
Conc: 72.91 ng/ml



#17 4,4'-DDT

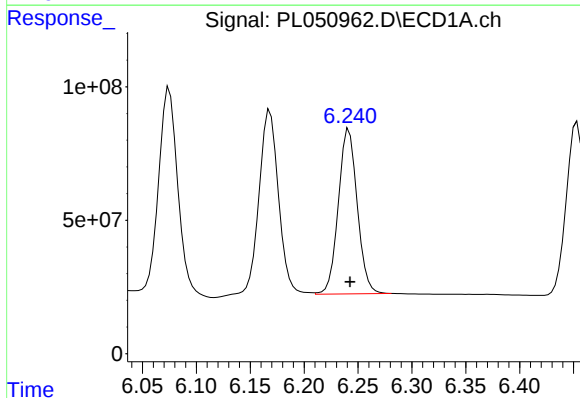
R.T.: 6.168 min
Delta R.T.: -0.001 min
Response: 871583444
Conc: 70.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-073019MSD



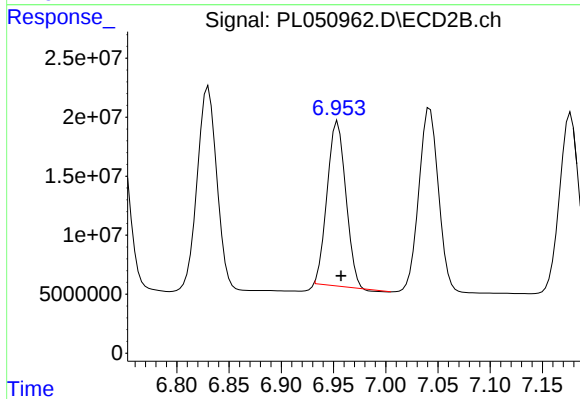
#17 4,4'-DDT

R.T.: 7.042 min
Delta R.T.: -0.003 min
Response: 204191431
Conc: 75.64 ng/ml



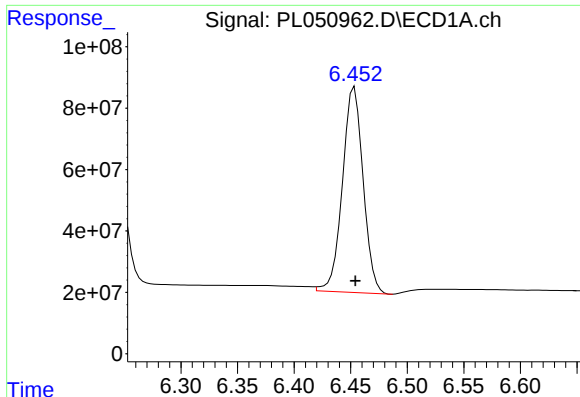
#18 Endrin aldehyde

R.T.: 6.242 min
Delta R.T.: -0.001 min
Response: 754915430
Conc: 65.44 ng/ml



#18 Endrin aldehyde

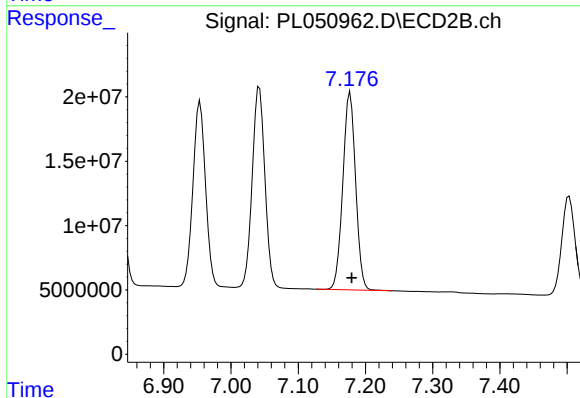
R.T.: 6.954 min
Delta R.T.: -0.003 min
Response: 172648935
Conc: 63.53 ng/ml



#19 Endosulfan Sulfate

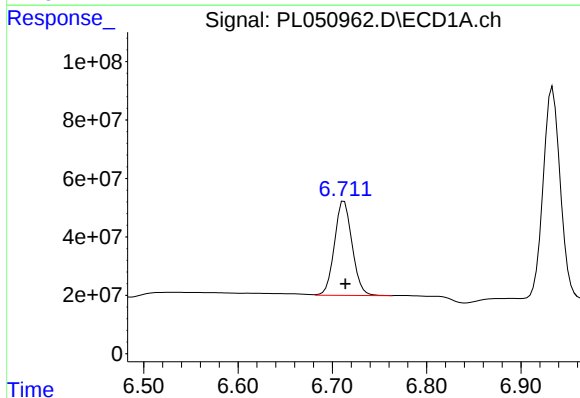
R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 852769857
Conc: 66.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-073019MSD



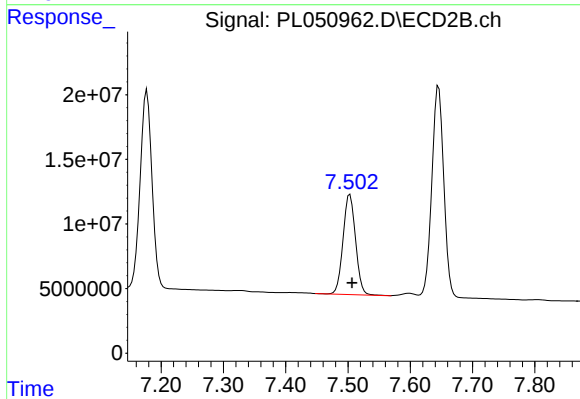
#19 Endosulfan Sulfate

R.T.: 7.177 min
Delta R.T.: -0.003 min
Response: 202315500
Conc: 70.05 ng/ml



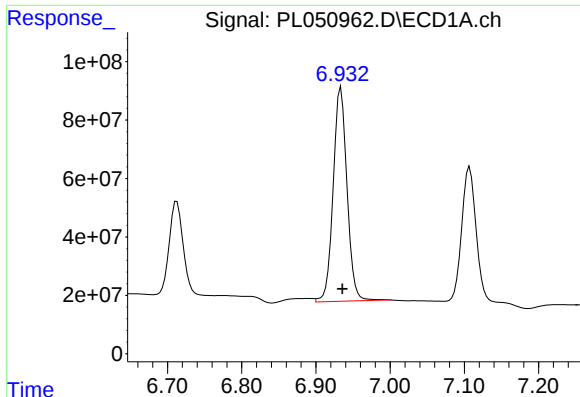
#20 Methoxychlor

R.T.: 6.713 min
Delta R.T.: -0.001 min
Response: 419043628
Conc: 67.17 ng/ml



#20 Methoxychlor

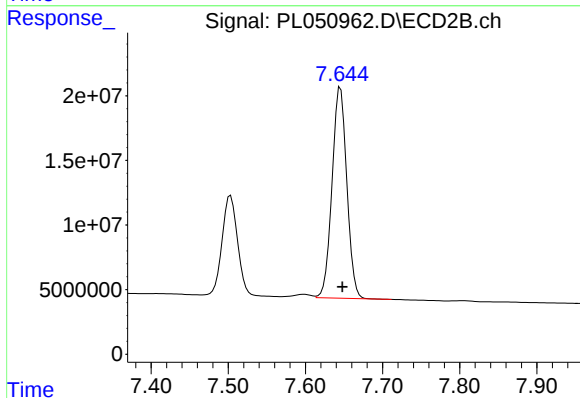
R.T.: 7.503 min
Delta R.T.: -0.004 min
Response: 108302690
Conc: 73.81 ng/ml



#21 Endrin ketone

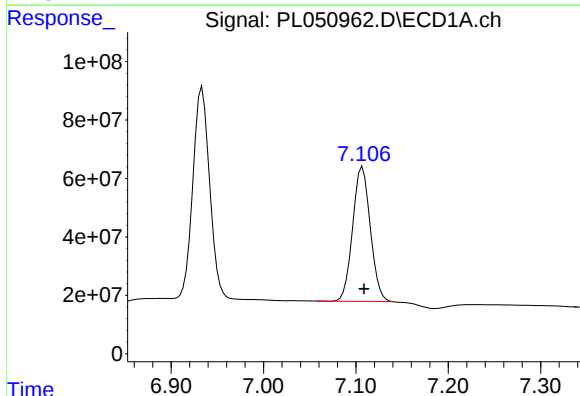
R.T.: 6.934 min
Delta R.T.: -0.002 min
Response: 948717258
Conc: 69.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-073019MSD



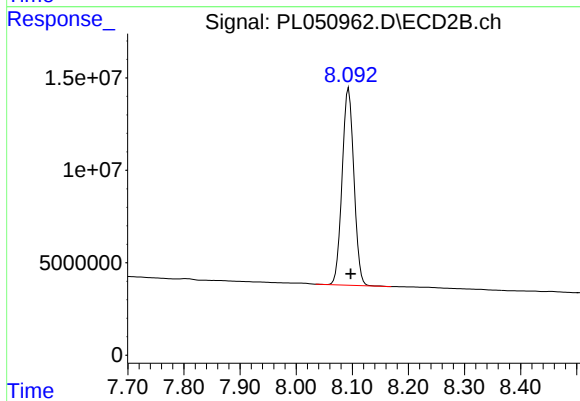
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.003 min
Response: 217570839
Conc: 75.25 ng/ml



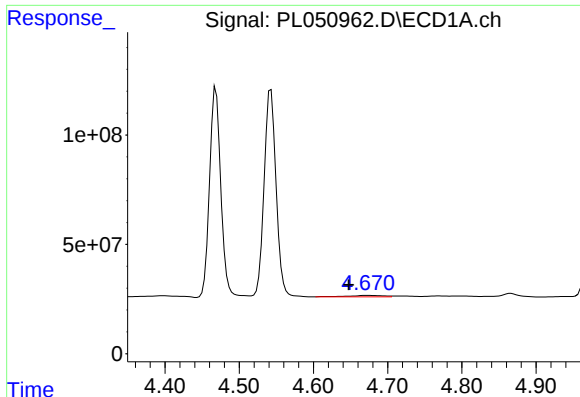
#22 Mirex

R.T.: 7.107 min
Delta R.T.: -0.002 min
Response: 612294241
Conc: 62.45 ng/ml



#22 Mirex

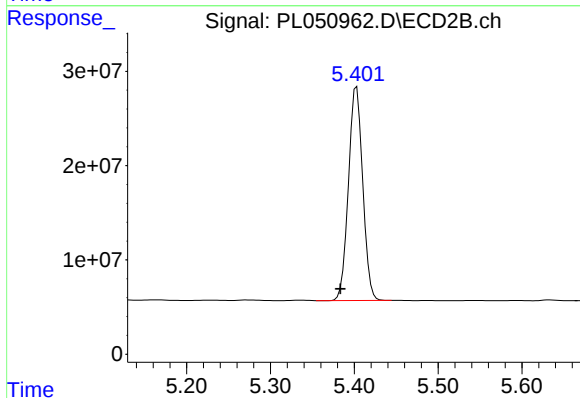
R.T.: 8.094 min
Delta R.T.: -0.004 min
Response: 155343138
Conc: 67.63 ng/ml



#24 Chlordane-2

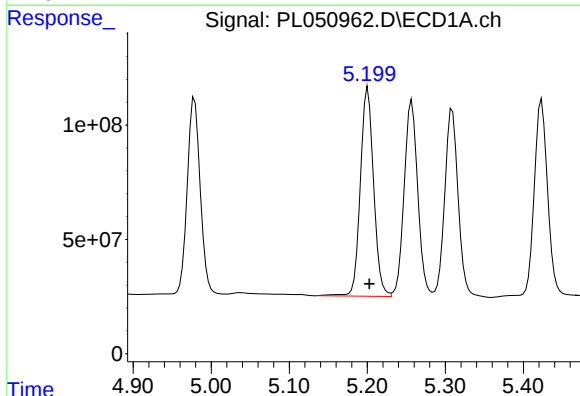
R.T.: 4.672 min
Delta R.T.: 0.024 min
Response: 21936662
Conc: 49.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-073019MSD



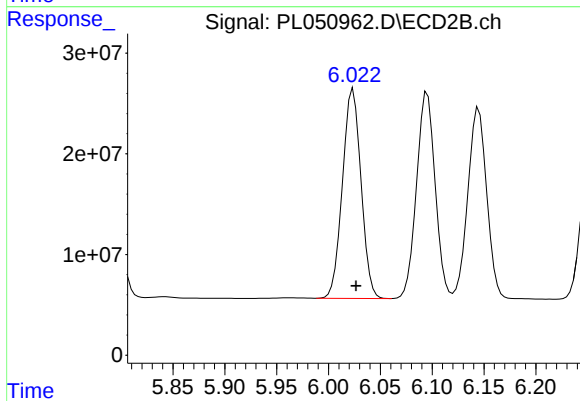
#24 Chlordane-2

R.T.: 5.403 min
Delta R.T.: 0.020 min
Response: 268994723
Conc: 2290.24 ng/ml



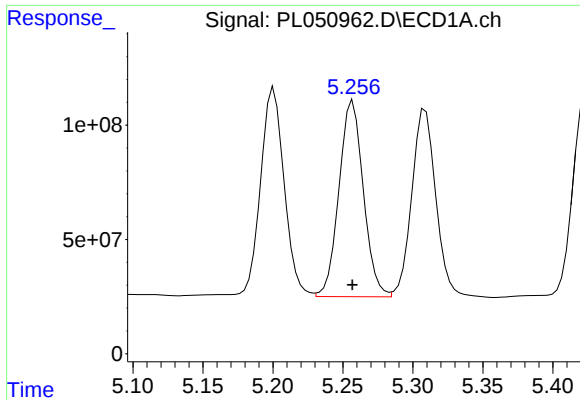
#25 Chlordane-3

R.T.: 5.201 min
Delta R.T.: -0.002 min
Response: 1080536081
Conc: 771.93 ng/ml



#25 Chlordane-3

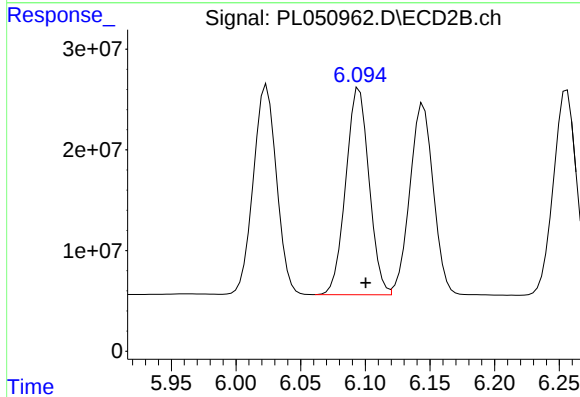
R.T.: 6.024 min
Delta R.T.: -0.003 min
Response: 259493005
Conc: 539.51 ng/ml



#26 Chlordane-4

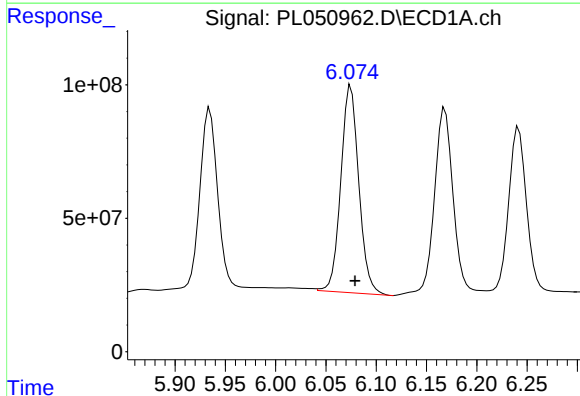
R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 1040511952
Conc: 788.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-073019MSD



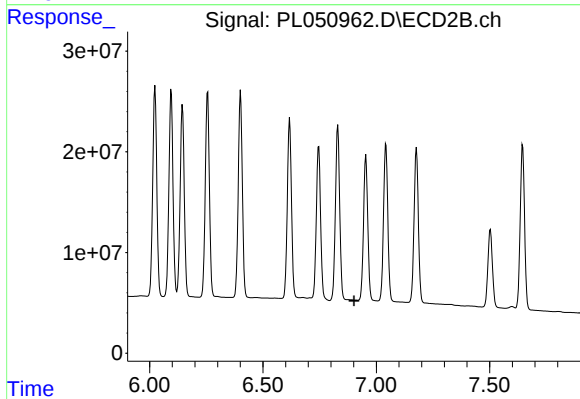
#26 Chlordane-4

R.T.: 6.095 min
Delta R.T.: -0.005 min
Response: 256758574
Conc: 441.99 ng/ml



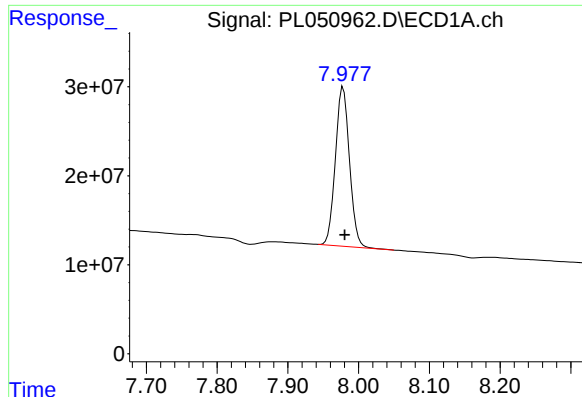
#27 Chlordane-5

R.T.: 6.075 min
Delta R.T.: -0.004 min
Response: 965929814
Conc: 1901.67 ng/ml



#27 Chlordane-5

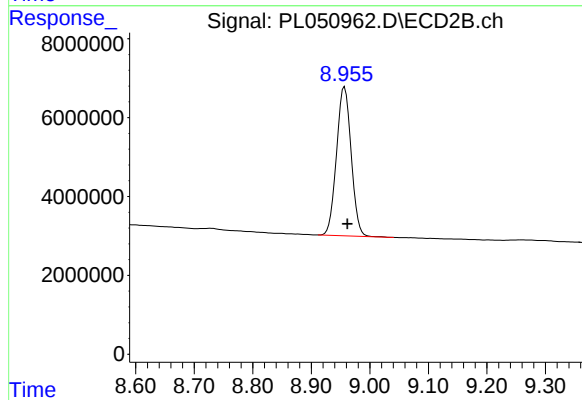
R.T.: 0.000 min
Exp R.T.: 6.902 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.978 min
Delta R.T.: -0.002 min
Response: 247246993
Conc: 24.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-073019MSD



#28 Decachlorobiphenyl

R.T.: 8.957 min
Delta R.T.: -0.005 min
Response: 65632081
Conc: 23.21 ng/ml