

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030220\
 Data File : PL056948.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Mar 2020 20:17
 Operator : AJ\MA
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 03 05:59:55 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	4.002	921.8E6	287.0E6	51.547	53.547
28)	SA Decachlor...	8.254	9.069	567.2E6	150.4E6	28.558	35.547
Target Compounds							
2)	A alpha-BHC	3.937	4.391	1517.6E6	463.2E6	49.855	56.215
3)	MA gamma-BHC...	4.221	4.675	1390.1E6	406.3E6	48.362	52.999
4)	MA Heptachlor	4.522	5.181	1155.5E6	301.3E6	41.102	46.850
5)	MB Aldrin	4.771	5.485	1371.3E6	351.0E6	48.821	52.847
6)	B beta-BHC	4.471	4.847	573.8E6	167.1E6	50.853	50.103
7)	B delta-BHC	4.677	5.064	1388.0E6	390.1E6	49.403	61.812 #
8)	B Heptachlo...	5.214	5.872	1200.2E6	287.1E6	45.427	48.143
9)	A Endosulfan I	5.555	6.229	1053.2E6	227.5E6	42.319	40.538
10)	B gamma-Chl...	5.442	6.107	1176.4E6	255.1E6	43.059	42.562
11)	B alpha-Chl...	5.500	6.179	1135.0E6	243.8E6	42.323	40.986
12)	B 4,4'-DDE	5.663	6.337	1066.2E6	234.2E6	41.426	40.234
13)	MA Dieldrin	5.798	6.486	1027.1E6	243.3E6	37.897	40.872
14)	MA Endrin	6.056	6.704	694.6E6	183.0E6	28.513	35.633
15)	B Endosulfa...	6.329	6.915	676.1E6	207.9E6	31.406	38.950
16)	A 4,4'-DDD	6.180	6.829	870.6E6	247.4E6	44.243	51.421
17)	MA 4,4'-DDT	6.420	7.127	292.7E6	89576742	14.577	19.625 #
18)	B Endrin al...	6.497	7.040	552.9E6	170.0E6	27.946	38.555 #
19)	B Endosulfa...	6.710	7.263	636.8E6	176.2E6	29.902	36.476
20)	A Methoxychlor	6.965	7.588	187.5E6	49344107	18.102	21.097
21)	B Endrin ke...	7.203	7.734	613.8E6	182.0E6	24.917	35.364 #
22)	Mirex	7.391	8.188	416.2E6	109.3E6	29.350	32.420
23)	Chlordane-1	4.398f	0.000	21986566	0	31.572	N.D. #
24)	Chlordane-2	0.000	5.485	0	351.0E6	N.D.	1683.525 #
25)	Chlordane-3	5.442	6.107f	1176.4E6	255.1E6	505.098	334.808 #
26)	Chlordane-4	5.500	6.179f	1135.0E6	243.8E6	571.743	274.479 #
27)	Chlordane-5	6.329	7.040f	676.1E6	170.0E6	816.259	997.902

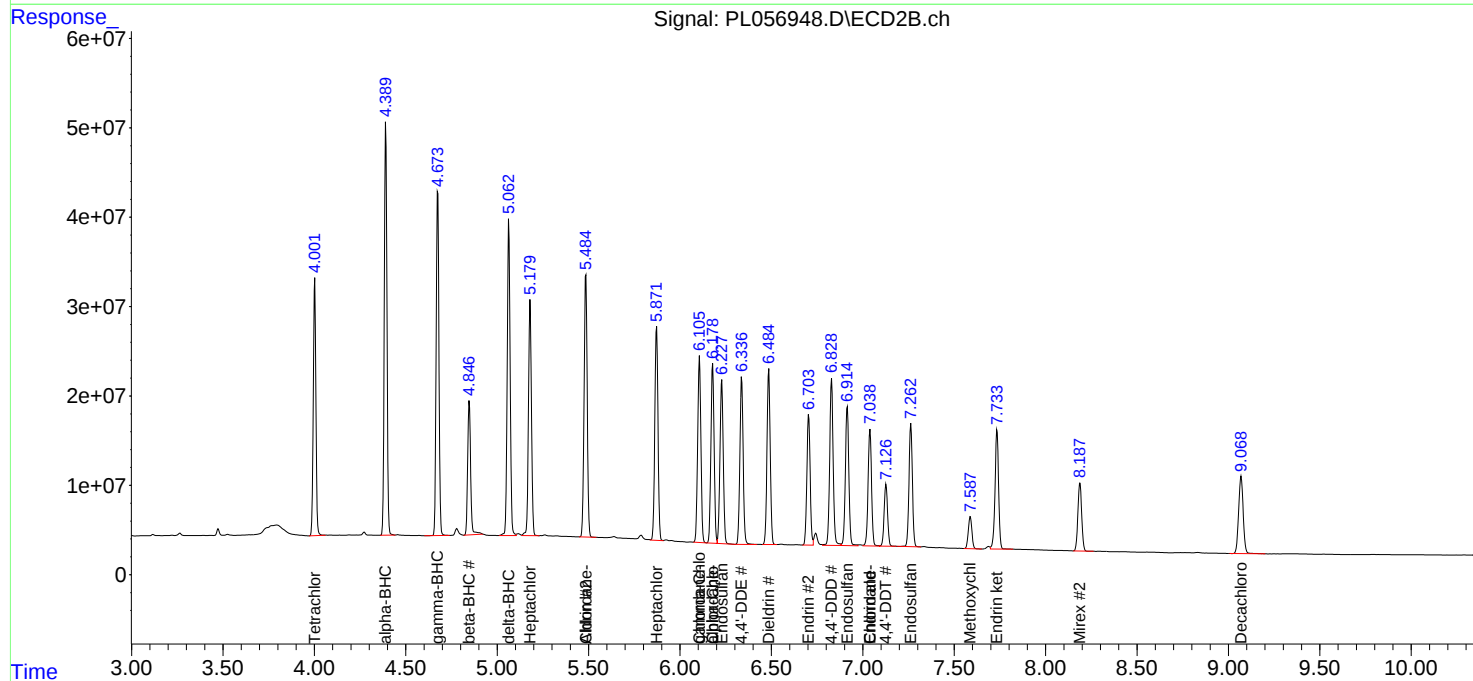
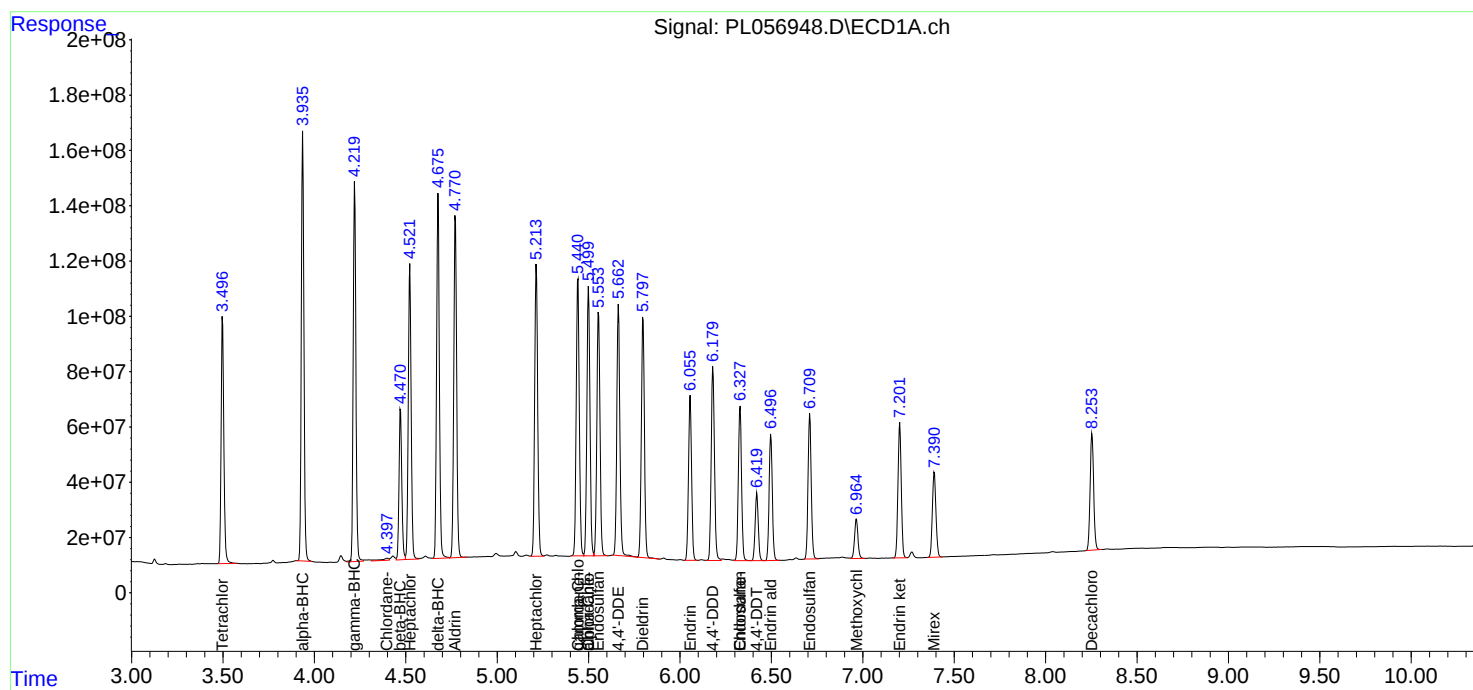
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

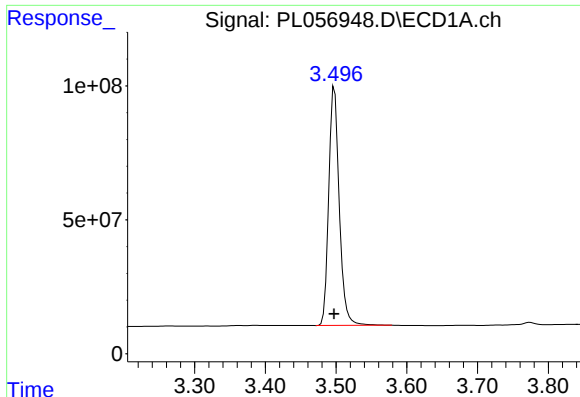
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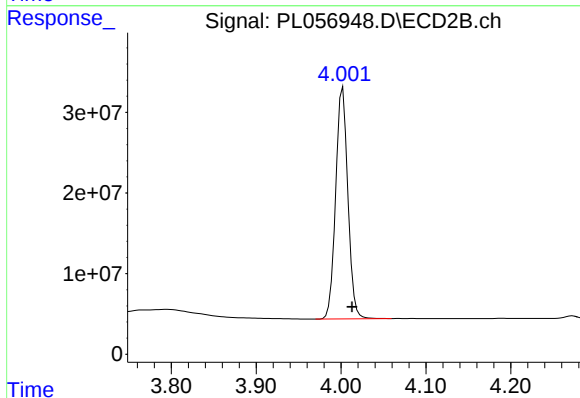




#1 Tetrachloro-m-xylene

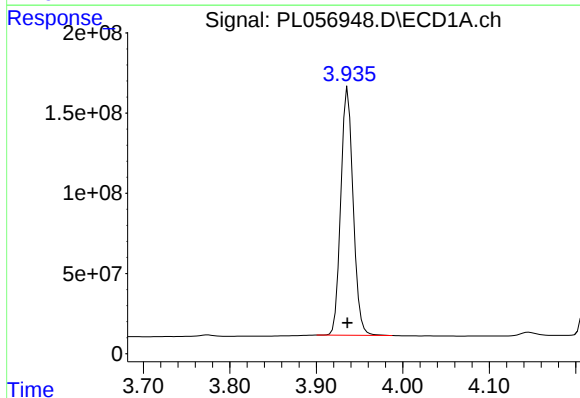
R.T.: 3.498 min
Delta R.T.: 0.000 min
Response: 921824989
Conc: 51.55 ng/ml

Instrument :
ECD_L
ClientSampleId :



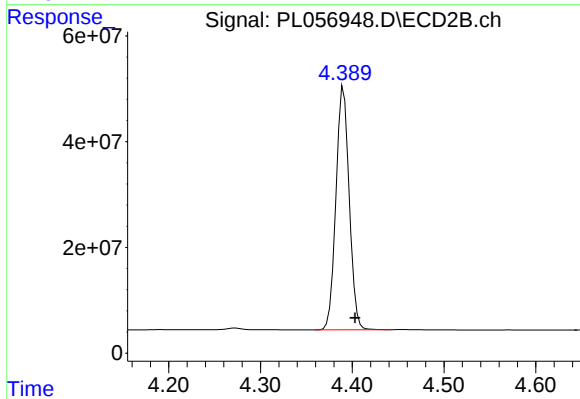
#1 Tetrachloro-m-xylene

R.T.: 4.002 min
Delta R.T.: -0.011 min
Response: 286954818
Conc: 53.55 ng/ml



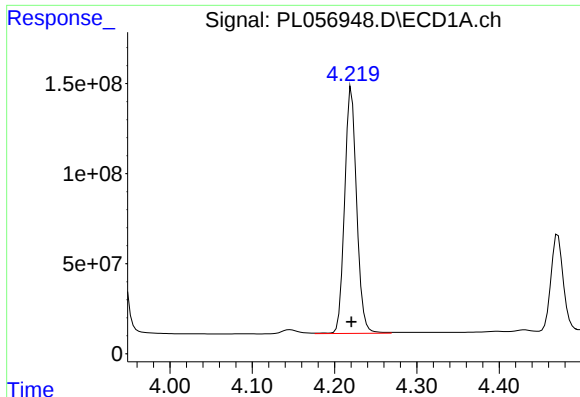
#2 alpha-BHC

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 1517631798
Conc: 49.85 ng/ml



#2 alpha-BHC

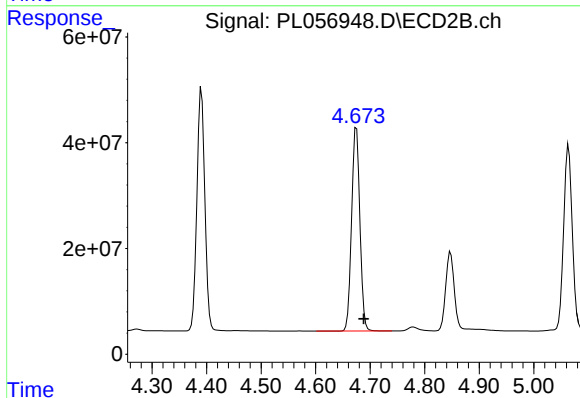
R.T.: 4.391 min
Delta R.T.: -0.012 min
Response: 463181025
Conc: 56.21 ng/ml



#3 gamma-BHC (Lindane)

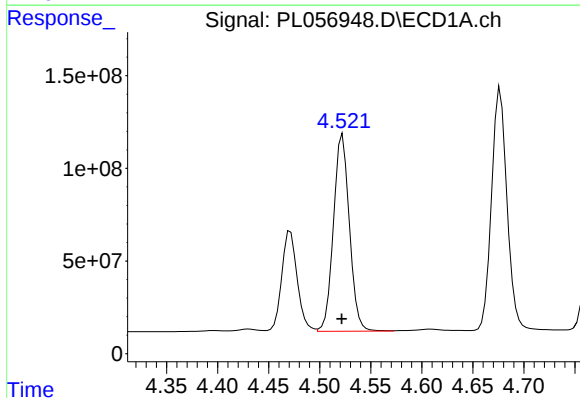
R.T.: 4.221 min
Delta R.T.: 0.000 min
Response: 1390125048
Conc: 48.36 ng/ml

Instrument :
ECD_L
ClientSampleId :



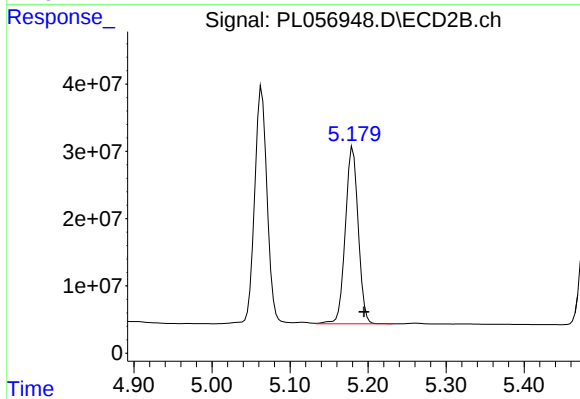
#3 gamma-BHC (Lindane)

R.T.: 4.675 min
Delta R.T.: -0.013 min
Response: 406334554
Conc: 53.00 ng/ml



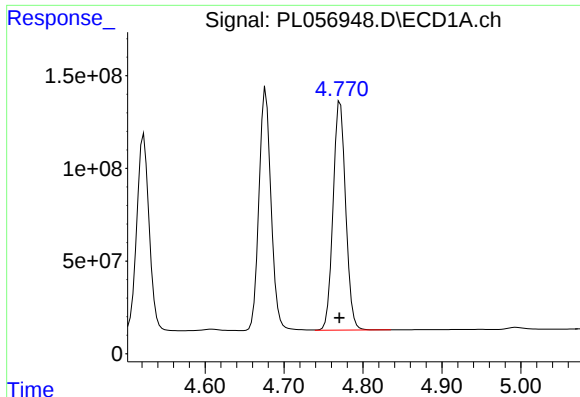
#4 Heptachlor

R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 1155453455
Conc: 41.10 ng/ml



#4 Heptachlor

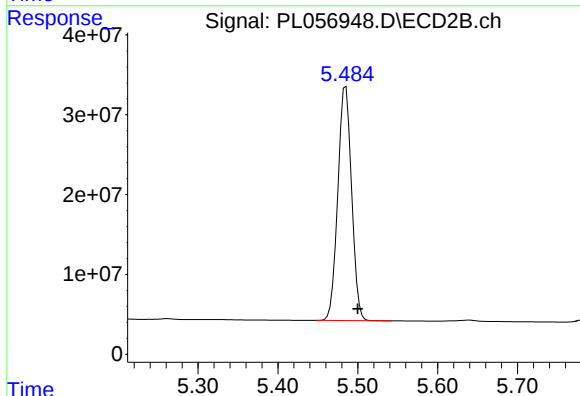
R.T.: 5.181 min
Delta R.T.: -0.014 min
Response: 301343542
Conc: 46.85 ng/ml



#5 Aldrin

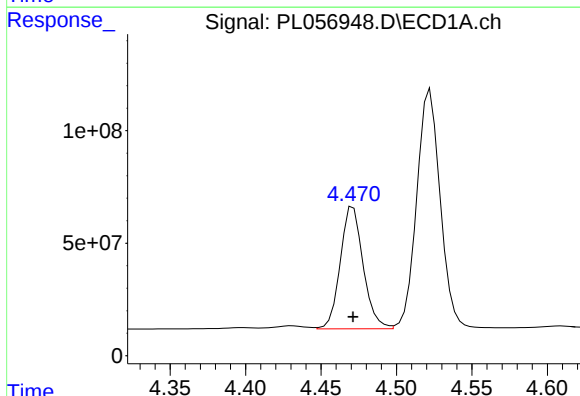
R.T.: 4.771 min
Delta R.T.: 0.001 min
Response: 1371250819
Conc: 48.82 ng/ml

Instrument :
ECD_L
ClientSampleId :



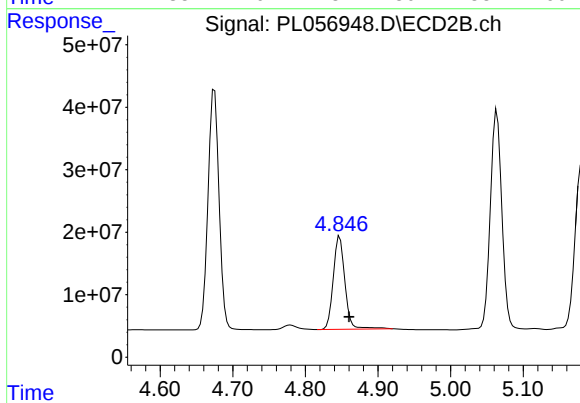
#5 Aldrin

R.T.: 5.485 min
Delta R.T.: -0.015 min
Response: 351006207
Conc: 52.85 ng/ml



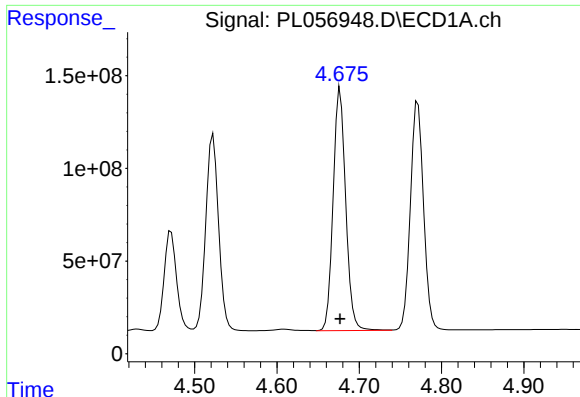
#6 beta-BHC

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 573763524
Conc: 50.85 ng/ml



#6 beta-BHC

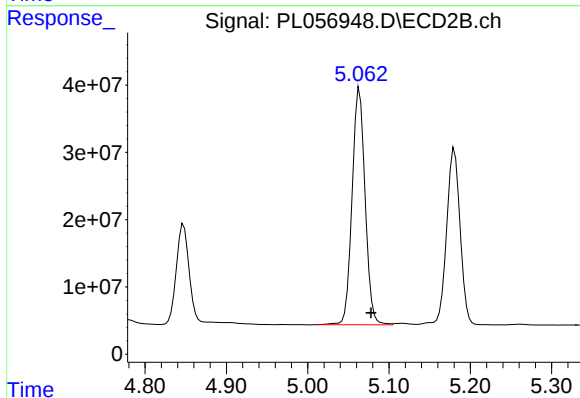
R.T.: 4.847 min
Delta R.T.: -0.013 min
Response: 167123233
Conc: 50.10 ng/ml



#7 delta-BHC

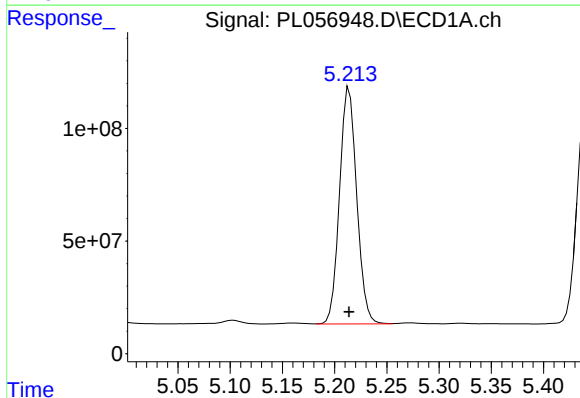
R.T.: 4.677 min
Delta R.T.: 0.000 min
Response: 1387950138
Conc: 49.40 ng/ml

Instrument :
ECD_L
ClientSampleId :



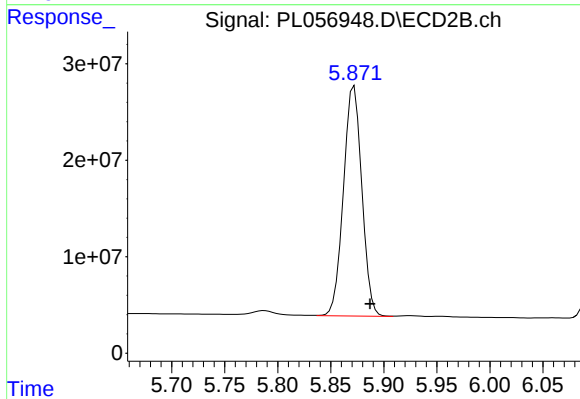
#7 delta-BHC

R.T.: 5.064 min
Delta R.T.: -0.014 min
Response: 390143419
Conc: 61.81 ng/ml



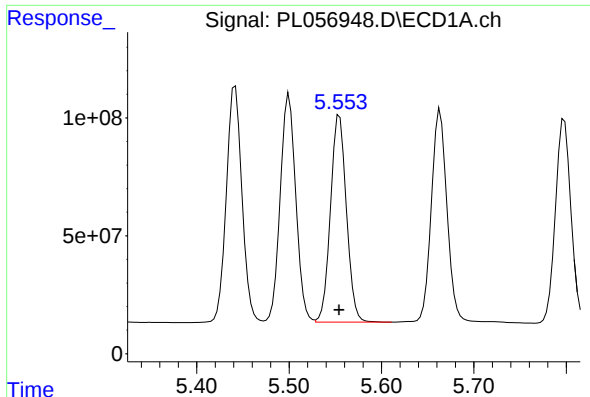
#8 Heptachlor epoxide

R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 1200195307
Conc: 45.43 ng/ml



#8 Heptachlor epoxide

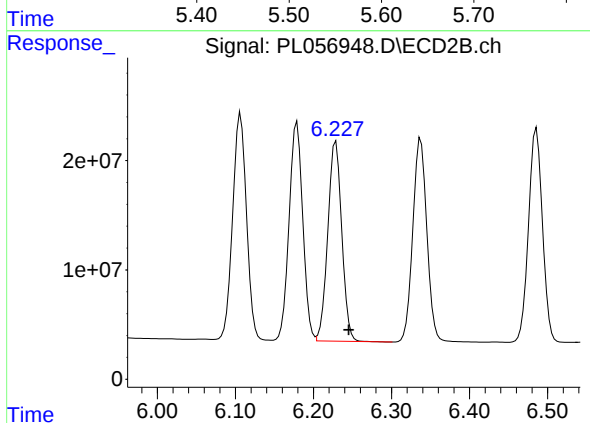
R.T.: 5.872 min
Delta R.T.: -0.015 min
Response: 287142785
Conc: 48.14 ng/ml



#9 Endosulfan I

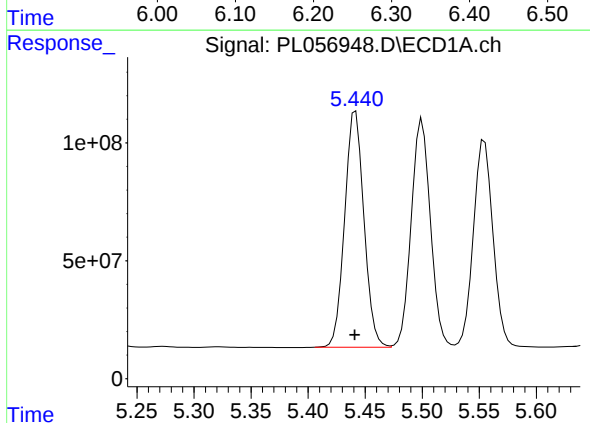
R.T.: 5.555 min
Delta R.T.: 0.000 min
Response: 1053218748
Conc: 42.32 ng/ml

Instrument :
ECD_L
ClientSampleId :



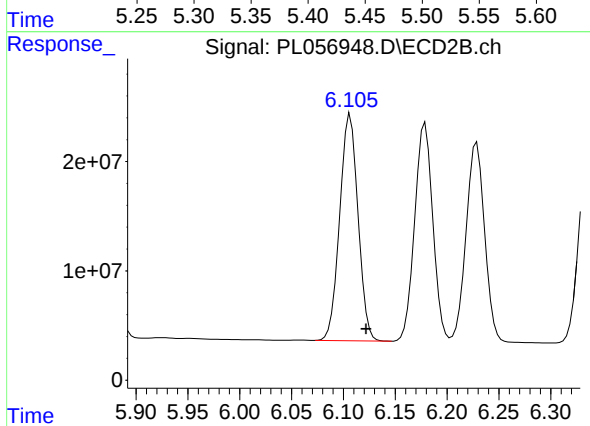
#9 Endosulfan I

R.T.: 6.229 min
Delta R.T.: -0.016 min
Response: 227456595
Conc: 40.54 ng/ml



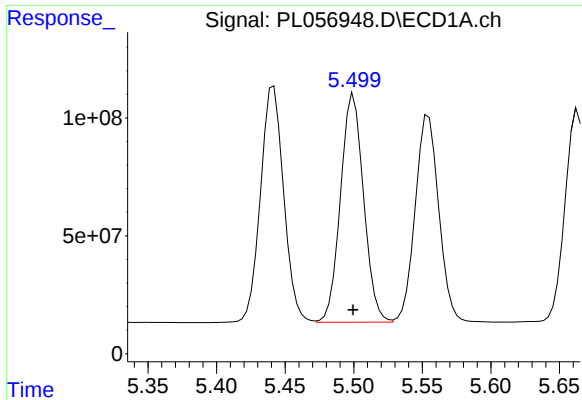
#10 gamma-Chlordane

R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 1176448312
Conc: 43.06 ng/ml



#10 gamma-Chlordane

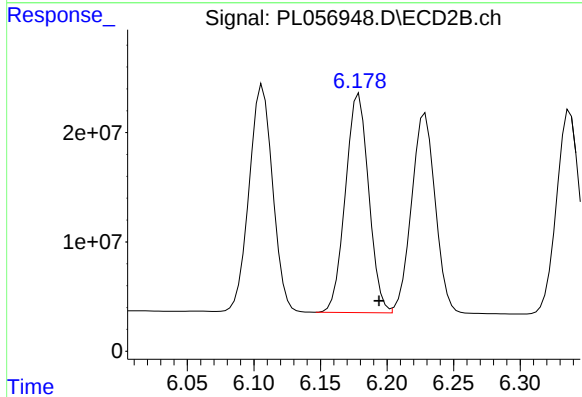
R.T.: 6.107 min
Delta R.T.: -0.015 min
Response: 255099018
Conc: 42.56 ng/ml



#11 alpha-Chlordane

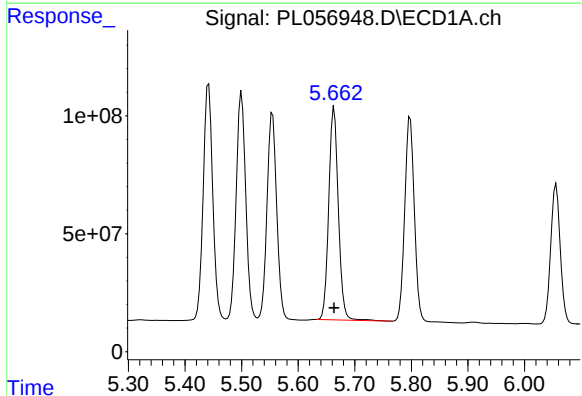
R.T.: 5.500 min
Delta R.T.: 0.000 min
Response: 1135046570
Conc: 42.32 ng/ml

Instrument :
ECD_L
ClientSampleId :



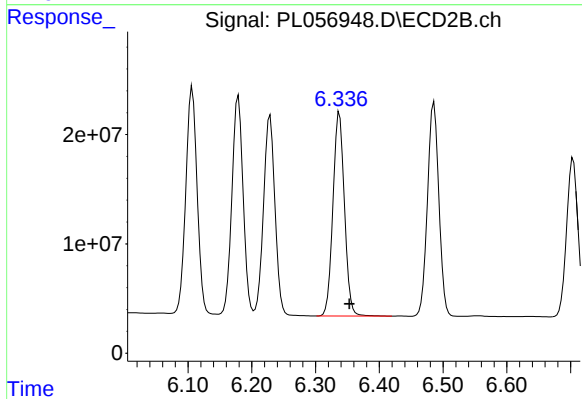
#11 alpha-Chlordane

R.T.: 6.179 min
Delta R.T.: -0.015 min
Response: 243824162
Conc: 40.99 ng/ml



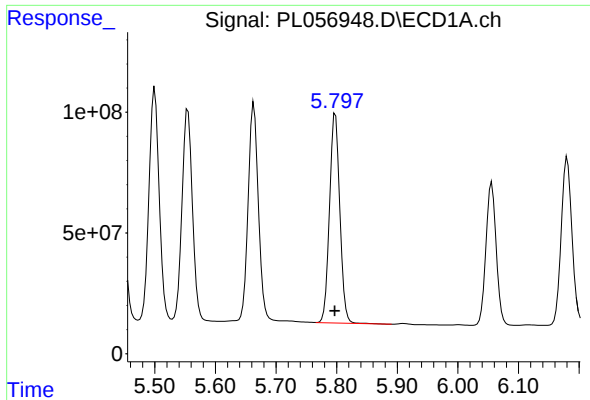
#12 4,4'-DDE

R.T.: 5.663 min
Delta R.T.: 0.000 min
Response: 1066156665
Conc: 41.43 ng/ml



#12 4,4'-DDE

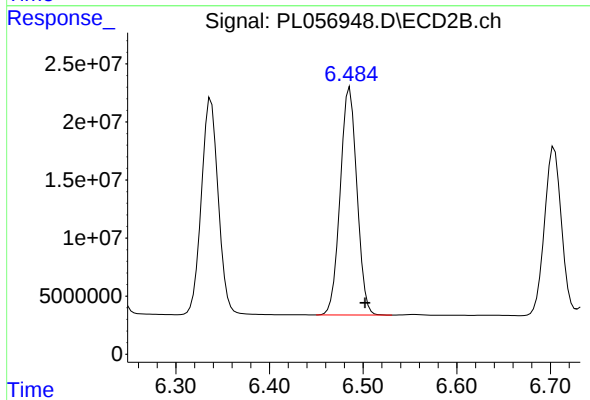
R.T.: 6.337 min
Delta R.T.: -0.016 min
Response: 234241218
Conc: 40.23 ng/ml



#13 Dieldrin

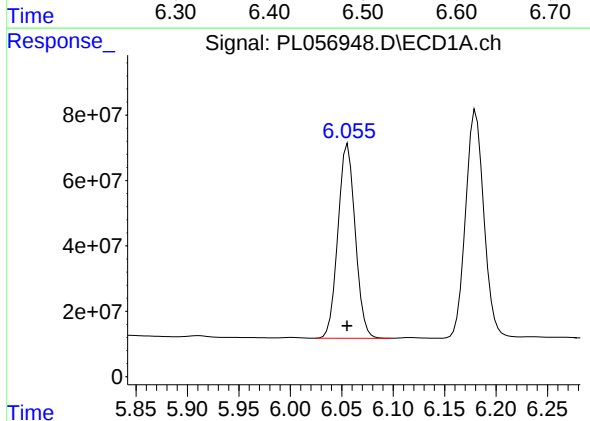
R.T.: 5.798 min
Delta R.T.: 0.001 min
Response: 1027090864
Conc: 37.90 ng/ml

Instrument :
ECD_L
ClientSampleId :



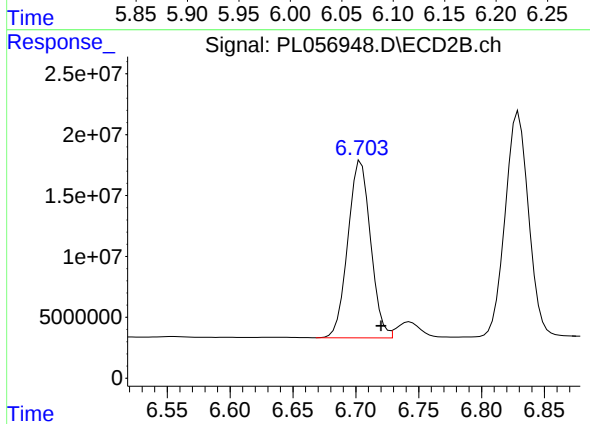
#13 Dieldrin

R.T.: 6.486 min
Delta R.T.: -0.016 min
Response: 243280605
Conc: 40.87 ng/ml



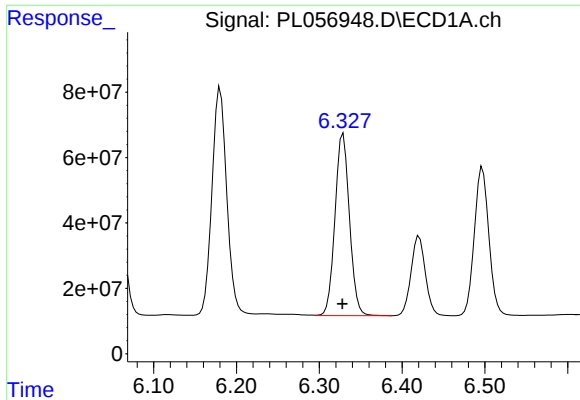
#14 Endrin

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 694632865
Conc: 28.51 ng/ml



#14 Endrin

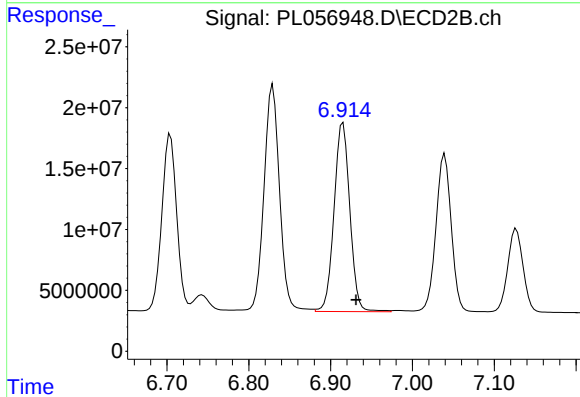
R.T.: 6.704 min
Delta R.T.: -0.016 min
Response: 182994186
Conc: 35.63 ng/ml



#15 Endosulfan II

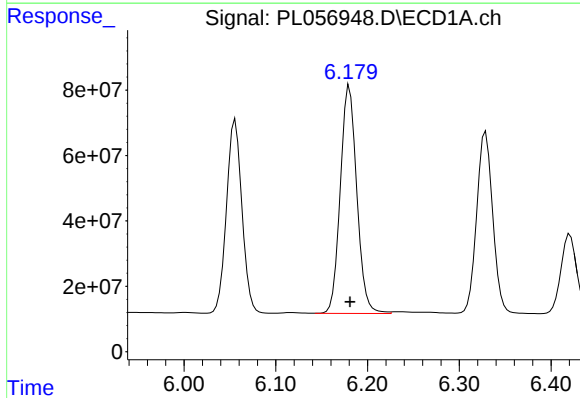
R.T.: 6.329 min
Delta R.T.: 0.001 min
Response: 676063789
Conc: 31.41 ng/ml

Instrument :
ECD_L
ClientSampleId :



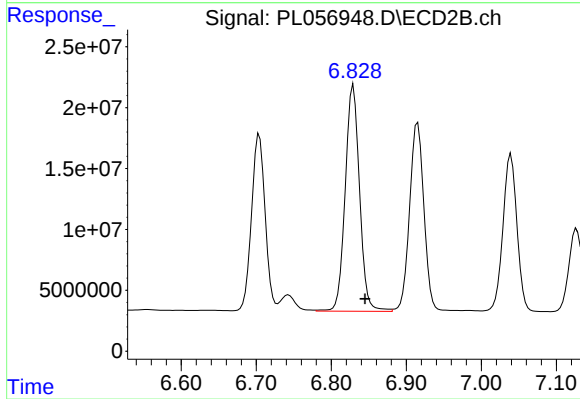
#15 Endosulfan II

R.T.: 6.915 min
Delta R.T.: -0.016 min
Response: 207888685
Conc: 38.95 ng/ml



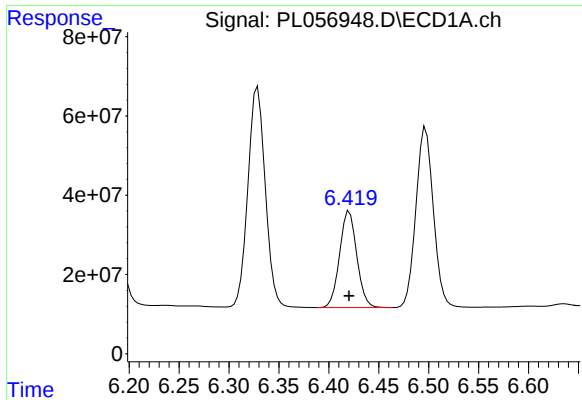
#16 4,4'-DDD

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 870647034
Conc: 44.24 ng/ml



#16 4,4'-DDD

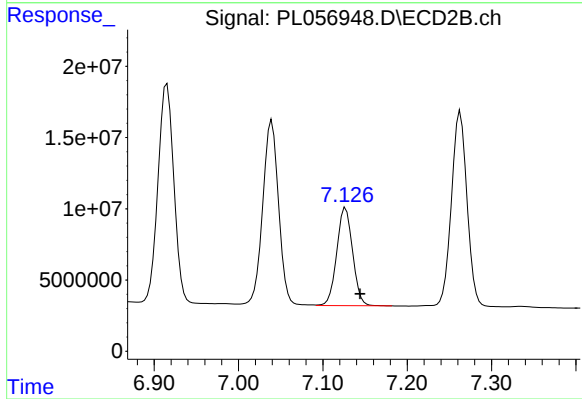
R.T.: 6.829 min
Delta R.T.: -0.016 min
Response: 247364053
Conc: 51.42 ng/ml



#17 4,4'-DDT

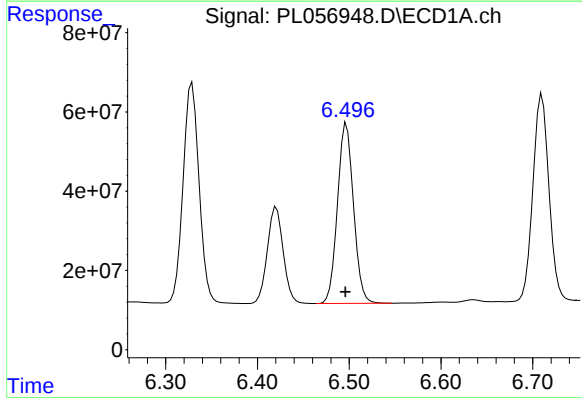
R.T.: 6.420 min
Delta R.T.: 0.000 min
Response: 292661285
Conc: 14.58 ng/ml

Instrument :
ECD_L
ClientSampleId :



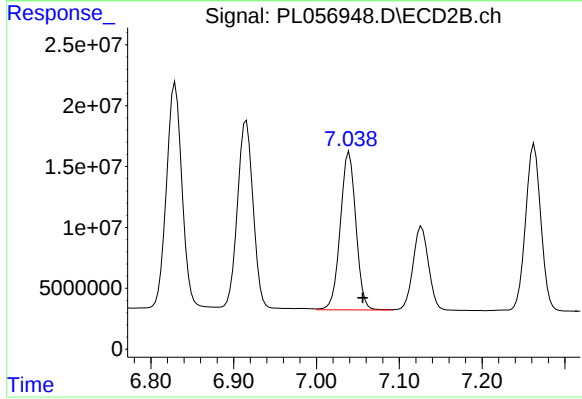
#17 4,4'-DDT

R.T.: 7.127 min
Delta R.T.: -0.017 min
Response: 89576742
Conc: 19.62 ng/ml



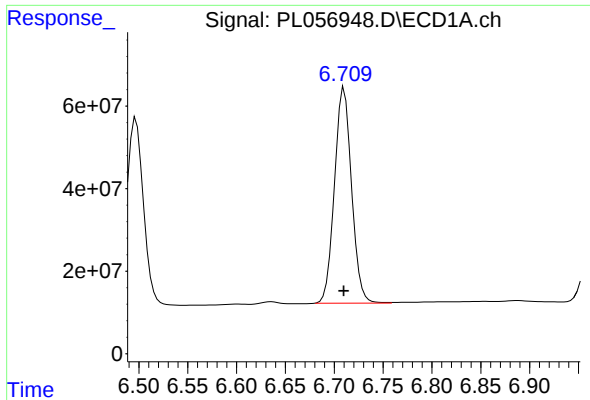
#18 Endrin aldehyde

R.T.: 6.497 min
Delta R.T.: 0.001 min
Response: 552912324
Conc: 27.95 ng/ml



#18 Endrin aldehyde

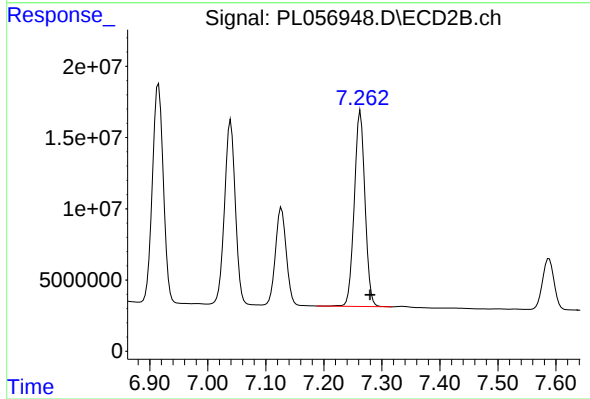
R.T.: 7.040 min
Delta R.T.: -0.016 min
Response: 170039710
Conc: 38.56 ng/ml



#19 Endosulfan Sulfate

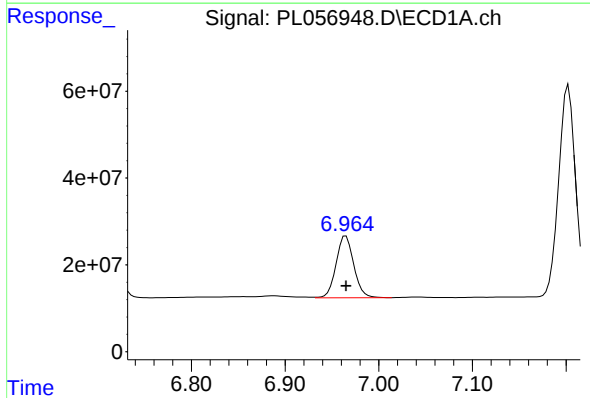
R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 636761315
Conc: 29.90 ng/ml

Instrument :
ECD_L
ClientSampleId :



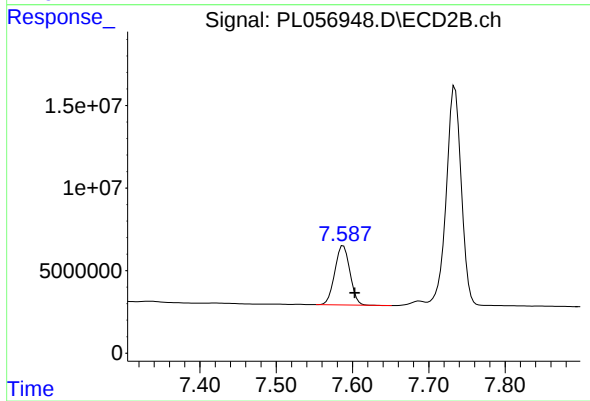
#19 Endosulfan Sulfate

R.T.: 7.263 min
Delta R.T.: -0.017 min
Response: 176217650
Conc: 36.48 ng/ml



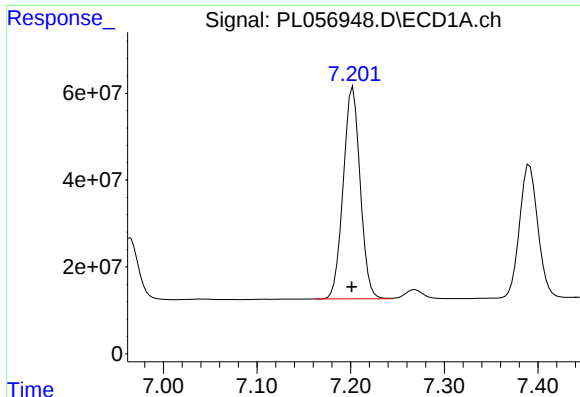
#20 Methoxychlor

R.T.: 6.965 min
Delta R.T.: 0.000 min
Response: 187527034
Conc: 18.10 ng/ml



#20 Methoxychlor

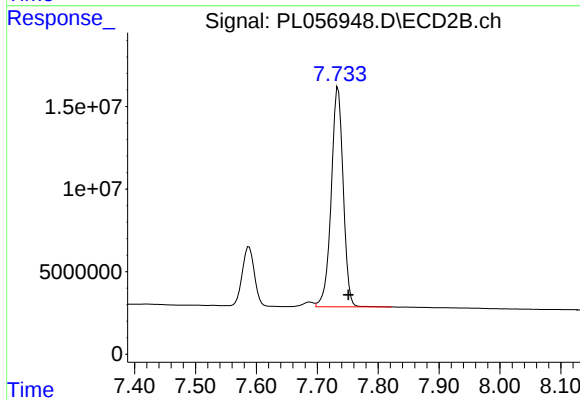
R.T.: 7.588 min
Delta R.T.: -0.015 min
Response: 49344107
Conc: 21.10 ng/ml



#21 Endrin ketone

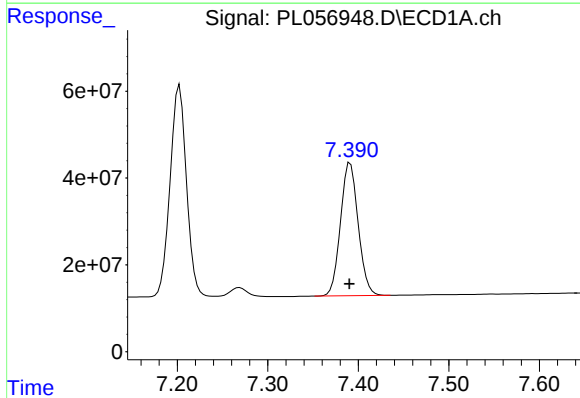
R.T.: 7.203 min
Delta R.T.: 0.002 min
Response: 613768702
Conc: 24.92 ng/ml

Instrument :
ECD_L
ClientSampleId :



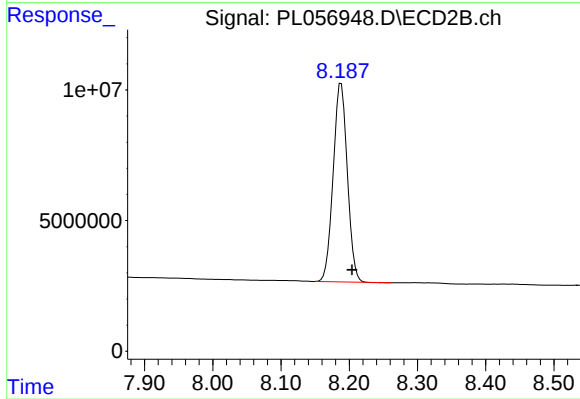
#21 Endrin ketone

R.T.: 7.734 min
Delta R.T.: -0.017 min
Response: 182031161
Conc: 35.36 ng/ml



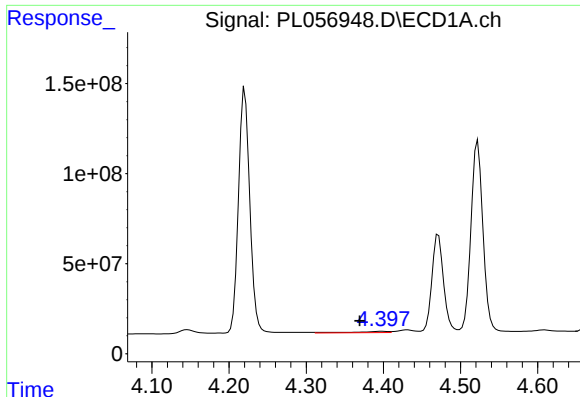
#22 Mirex

R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 416228021
Conc: 29.35 ng/ml



#22 Mirex

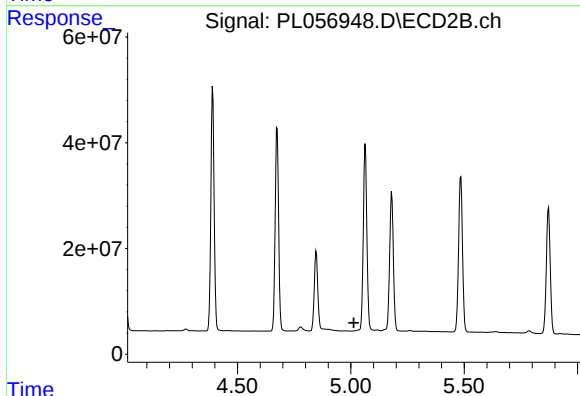
R.T.: 8.188 min
Delta R.T.: -0.016 min
Response: 109270789
Conc: 32.42 ng/ml



#23 Chlordane-1

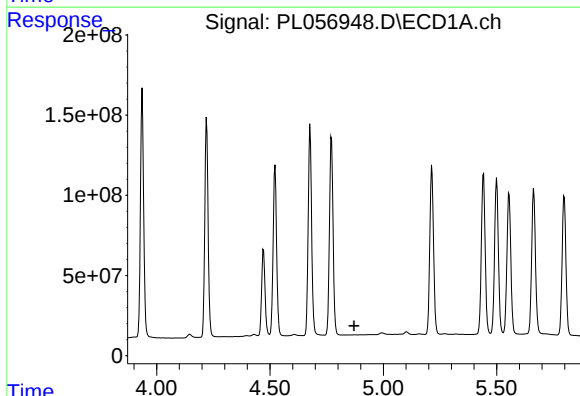
R.T.: 4.398 min
Delta R.T.: 0.029 min
Response: 21986566
Conc: 31.57 ng/ml

Instrument :
ECD_L
ClientSampleId :



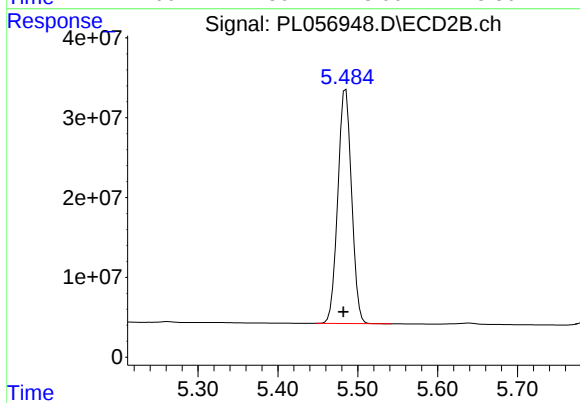
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.013 min
Response: 0
Conc: N.D.



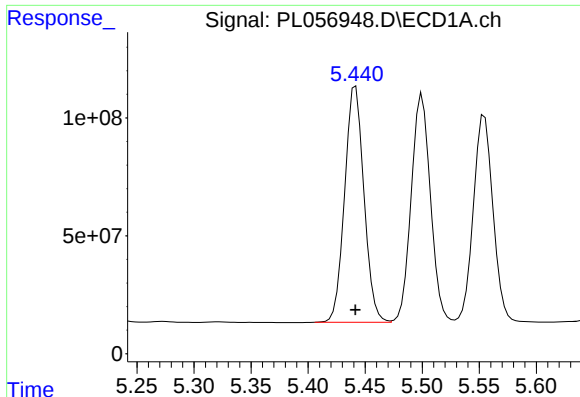
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.871 min
Response: 0
Conc: N.D.



#24 Chlordane-2

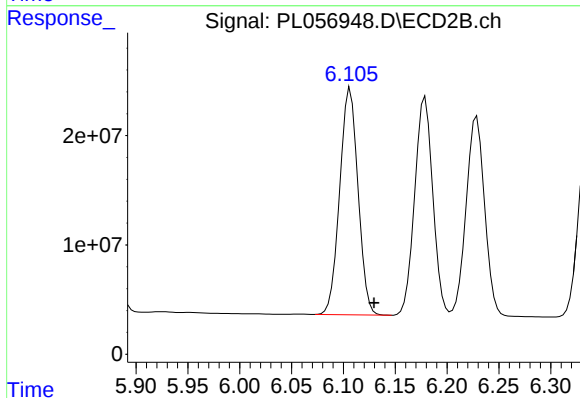
R.T.: 5.485 min
Delta R.T.: 0.003 min
Response: 351006207
Conc: 1683.52 ng/ml



#25 Chlordane-3

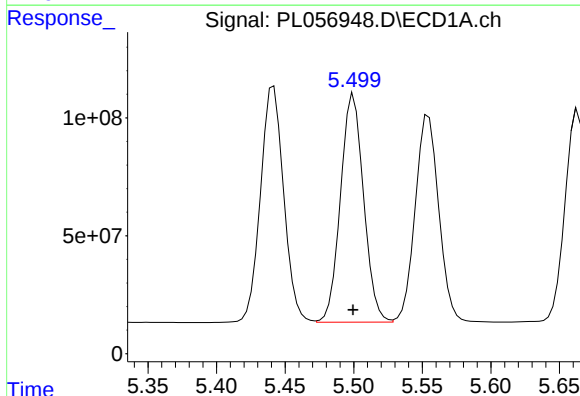
R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 1176448312
Conc: 505.10 ng/ml

Instrument :
ECD_L
ClientSampleId :



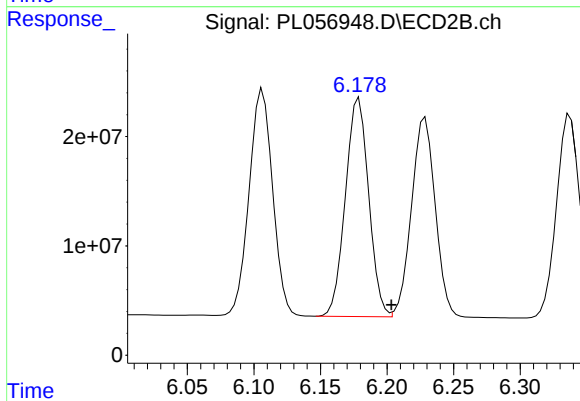
#25 Chlordane-3

R.T.: 6.107 min
Delta R.T.: -0.023 min
Response: 255099018
Conc: 334.81 ng/ml



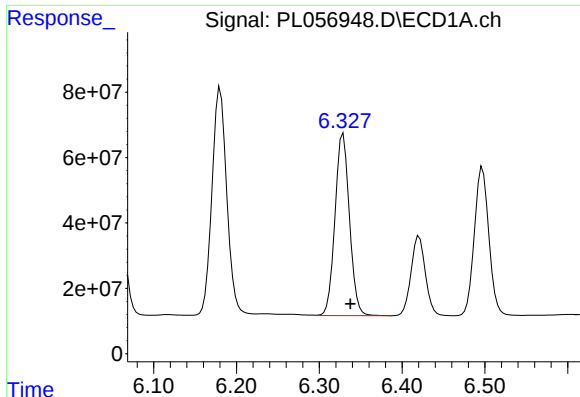
#26 Chlordane-4

R.T.: 5.500 min
Delta R.T.: 0.000 min
Response: 1135046570
Conc: 571.74 ng/ml



#26 Chlordane-4

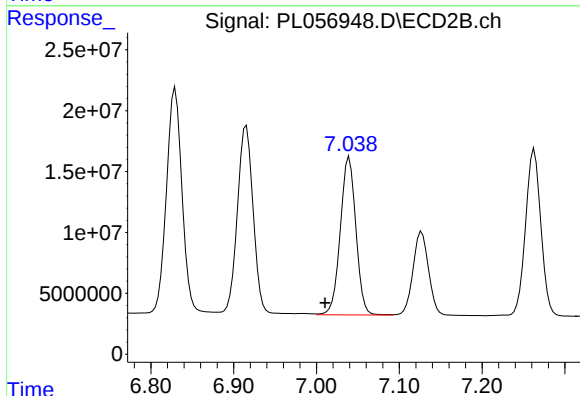
R.T.: 6.179 min
Delta R.T.: -0.024 min
Response: 243824162
Conc: 274.48 ng/ml



#27 Chlordane-5

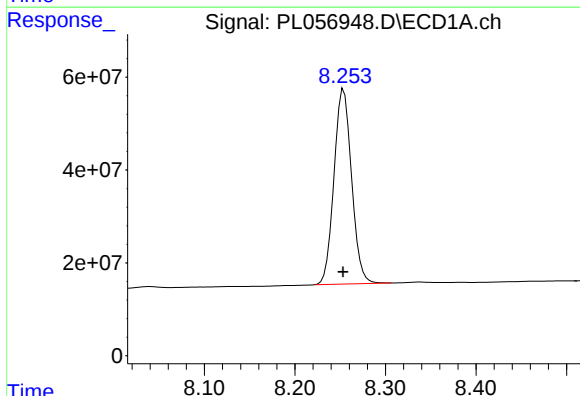
R.T.: 6.329 min
Delta R.T.: -0.009 min
Response: 676063789
Conc: 816.26 ng/ml

Instrument :
ECD_L
ClientSampleId :



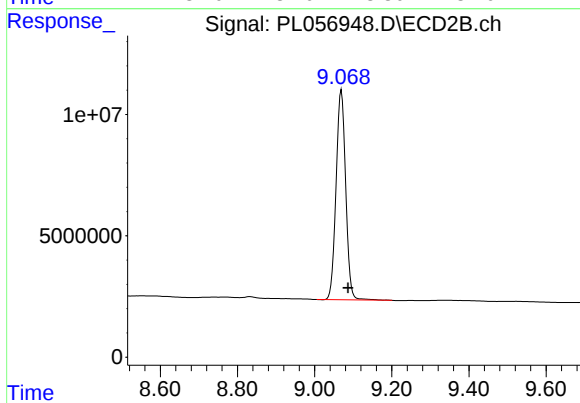
#27 Chlordane-5

R.T.: 7.040 min
Delta R.T.: 0.029 min
Response: 170039710
Conc: 997.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.254 min
Delta R.T.: 0.000 min
Response: 567243695
Conc: 28.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: -0.018 min
Response: 150446001
Conc: 35.55 ng/ml