

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070819\
 Data File : PL050222.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2019 15:41
 Operator : SM\AJ
 Sample : K3622-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OR-02-070319-AMSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 03:32:03 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062019.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 21 02:23:20 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...	3.320	3.932	229.7E6	66574117	20.366	21.744
28)	SA Decachlor...	7.984	8.964	252.9E6	68587352	19.904	20.431
Target Compounds							
2)	A alpha-BHC	3.748	4.320	1040.9E6	259.3E6	55.402	57.915
3)	MA gamma-BHC...	4.024	4.604	983.4E6	244.8E6	55.466	59.026
4)	MA Heptachlor	4.307	5.106	1073.5E6	263.2E6	59.058	60.818
5)	MB Aldrin	4.545	5.408	1003.9E6	241.4E6	58.139	61.622
6)	B beta-BHC	4.278	4.780	414.0E6	110.4E6	56.592	56.989
7)	B delta-BHC	4.471	4.993	962.8E6	224.9E6	53.834	57.100
8)	B Heptachlo...	4.982	5.795	920.1E6	224.1E6	57.157	61.648
9)	A Endosulfan I	5.313	6.150	893.4E6	208.5E6	57.742	61.359
10)	B gamma-Chl...	5.204	6.029	979.5E6	228.7E6	57.319	61.373
11)	B alpha-Chl...	5.261	6.100	948.5E6	223.7E6	57.145	60.490
12)	B 4,4'-DDE	5.428	6.261	900.2E6	218.8E6	54.036	63.044
13)	MA Dieldrin	5.552	6.406	966.1E6	216.5E6	57.995	61.033
14)	MA Endrin	5.804	6.623	923.3E6	190.9E6	57.655	60.462
15)	B Endosulfa...	6.079	6.835	848.9E6	187.3E6	58.258	58.150
16)	A 4,4'-DDD	5.939	6.751	771.3E6	164.5E6	61.099	62.941
17)	MA 4,4'-DDT	6.173	7.048	736.2E6	161.8E6	55.455	55.245
18)	B Endrin al...	6.246	6.960	660.6E6	154.2E6	55.928	56.146
19)	B Endosulfa...	6.457	7.182	713.6E6	166.6E6	55.038	55.348
20)	A Methoxychlor	6.718	7.509	353.0E6	87994303	54.152	52.793
21)	B Endrin ke...	6.939	7.651	781.0E6	174.8E6	55.564	56.085
22)	Mirex	7.112	8.100	539.6E6	132.5E6	52.198	52.414
24)	Chlordane-2	0.000	5.408f	0	241.4E6	N.D.	1553.856 #
25)	Chlordane-3	5.204	6.029	979.5E6	228.7E6	521.516	459.593
26)	Chlordane-4	5.261	6.100	948.5E6	223.7E6	543.531	376.412 #
27)	Chlordane-5	6.079	0.000	848.9E6	0	1512.627	N.D. #

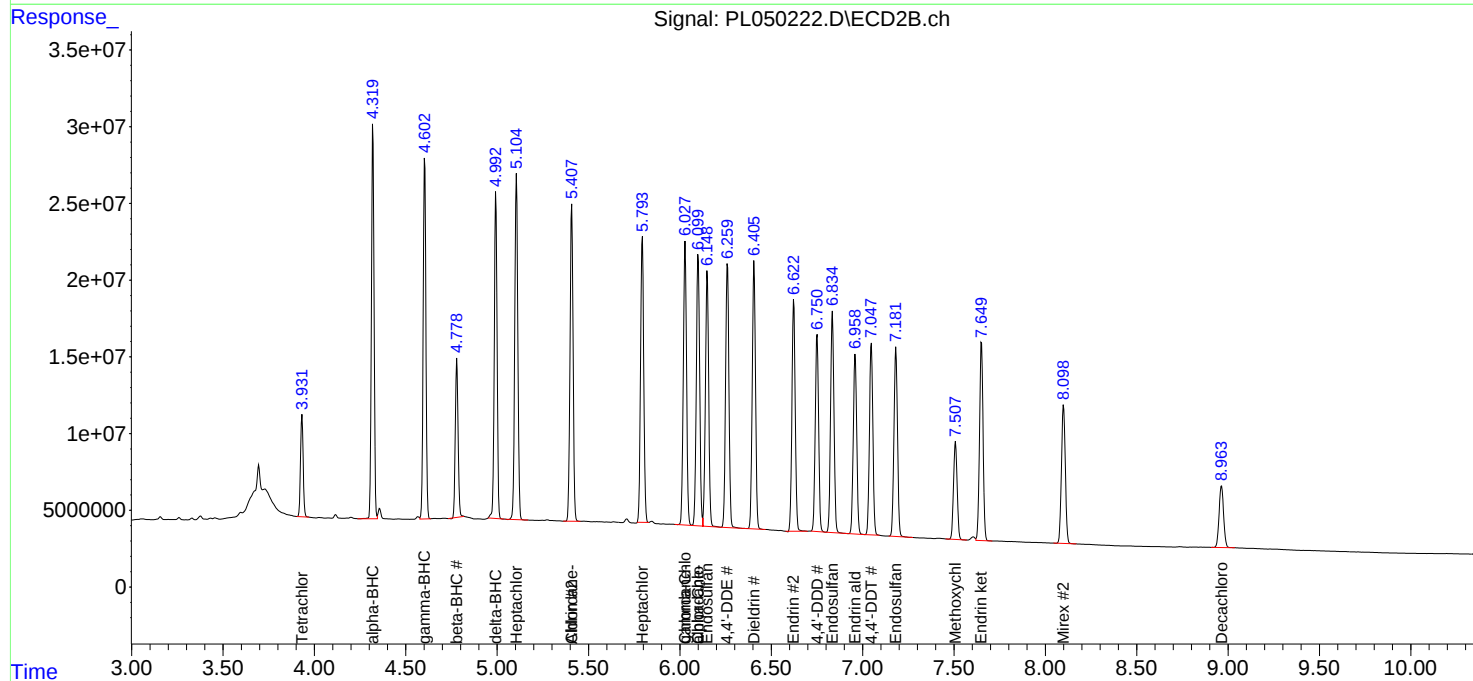
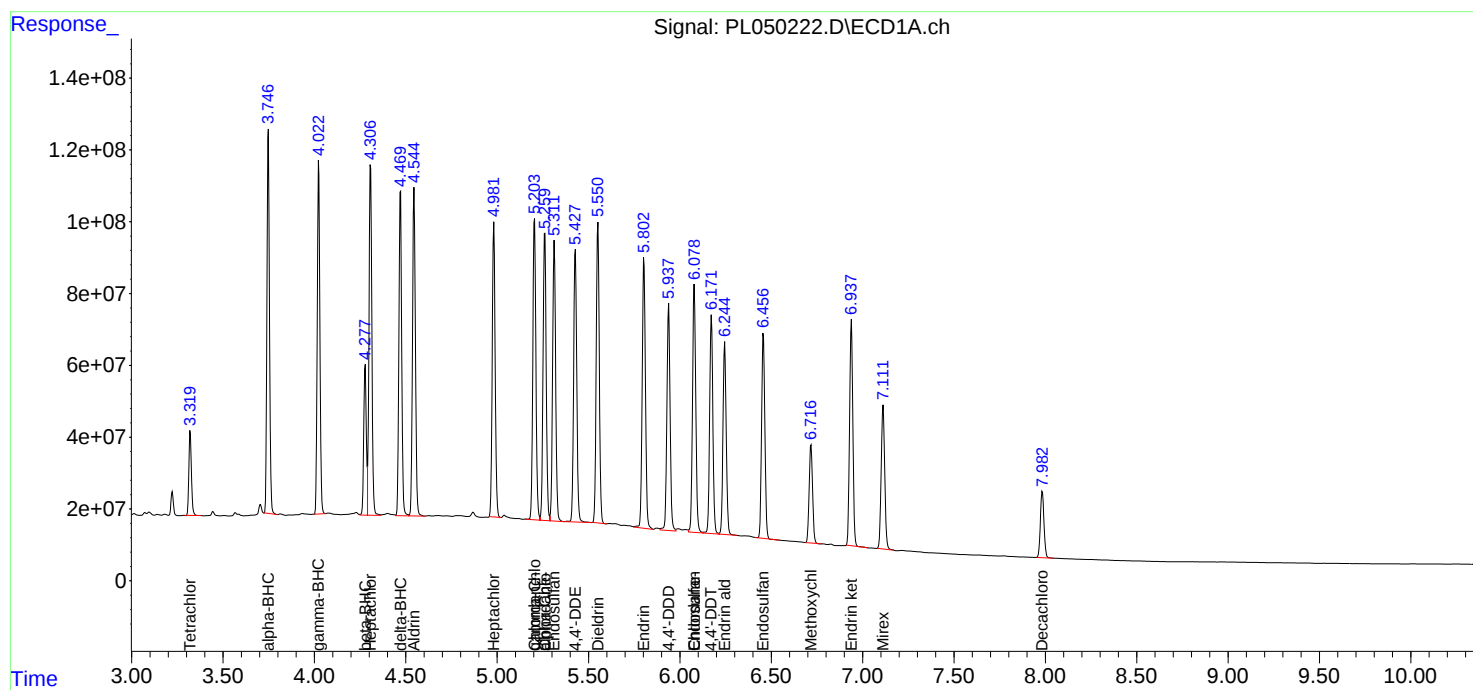
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

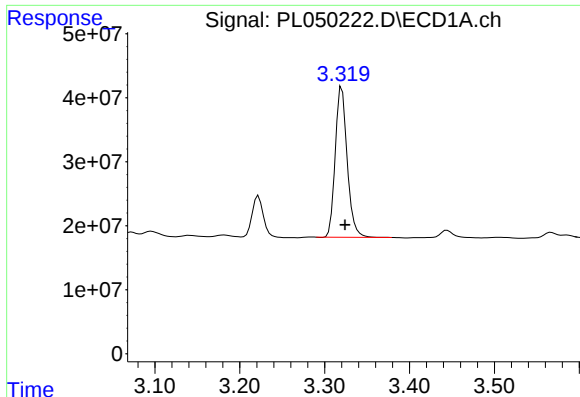
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070819\
Data File : PL050222.D
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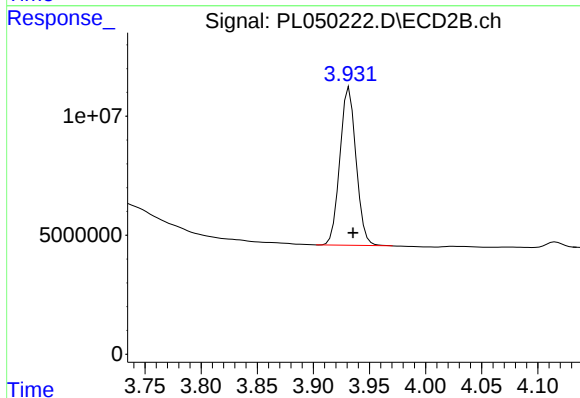




#1 Tetrachloro-m-xylene

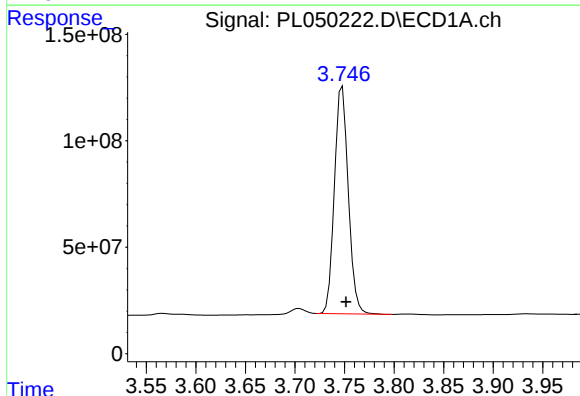
R.T.: 3.320 min
Delta R.T.: -0.004 min
Response: 229684051
Conc: 20.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-070319-AMSD



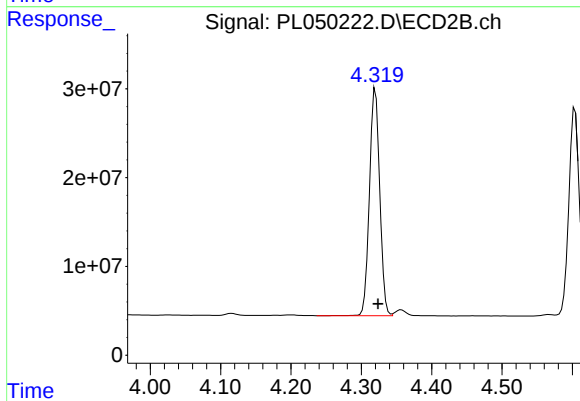
#1 Tetrachloro-m-xylene

R.T.: 3.932 min
Delta R.T.: -0.003 min
Response: 66574117
Conc: 21.74 ng/ml



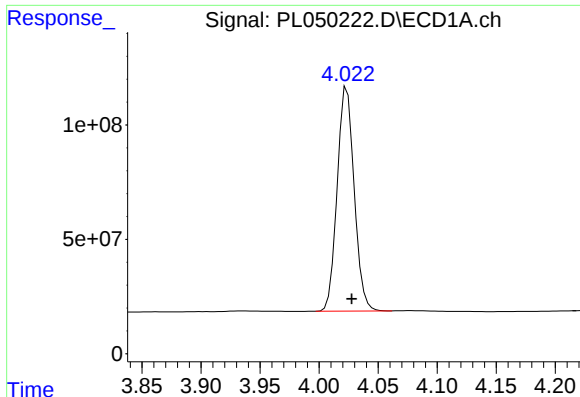
#2 alpha-BHC

R.T.: 3.748 min
Delta R.T.: -0.004 min
Response: 1040852188
Conc: 55.40 ng/ml



#2 alpha-BHC

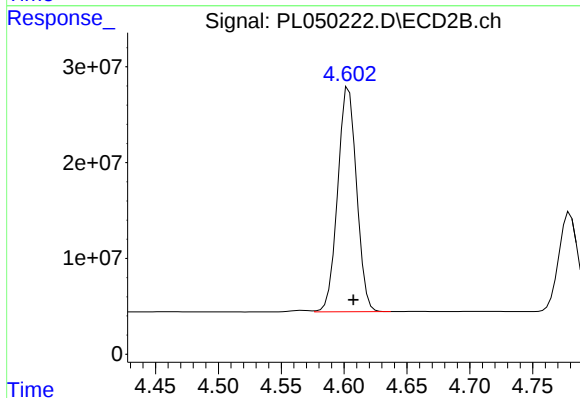
R.T.: 4.320 min
Delta R.T.: -0.004 min
Response: 259260195
Conc: 57.91 ng/ml



#3 gamma-BHC (Lindane)

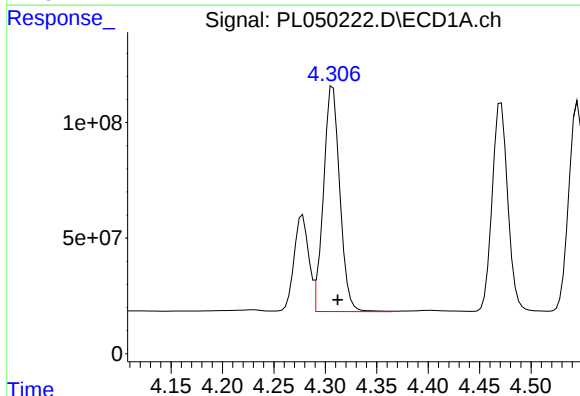
R.T.: 4.024 min
Delta R.T.: -0.004 min
Response: 983436975
Conc: 55.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-070319-AMSD



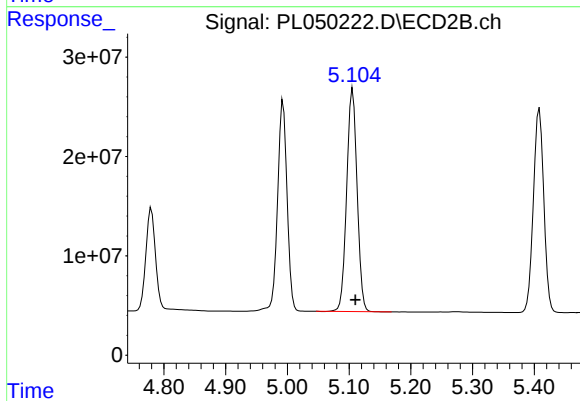
#3 gamma-BHC (Lindane)

R.T.: 4.604 min
Delta R.T.: -0.004 min
Response: 244828203
Conc: 59.03 ng/ml



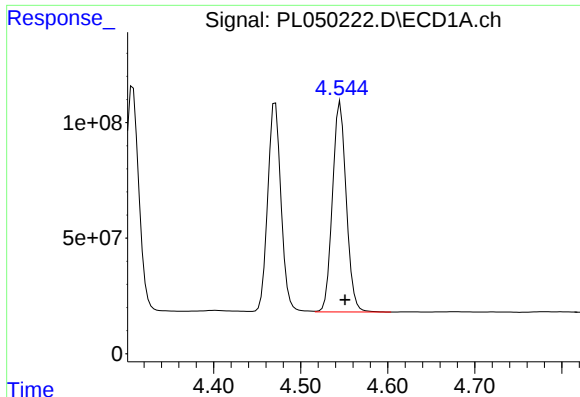
#4 Heptachlor

R.T.: 4.307 min
Delta R.T.: -0.005 min
Response: 1073506999
Conc: 59.06 ng/ml



#4 Heptachlor

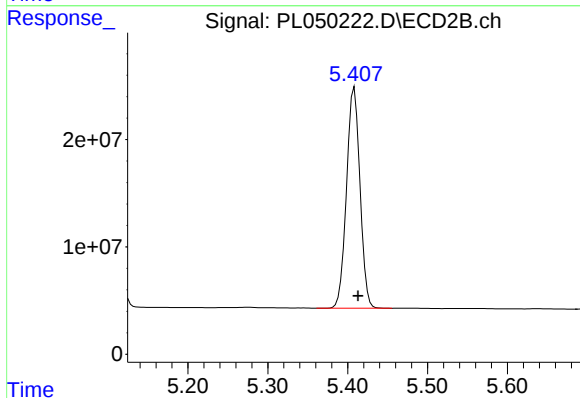
R.T.: 5.106 min
Delta R.T.: -0.005 min
Response: 263248030
Conc: 60.82 ng/ml



#5 Aldrin

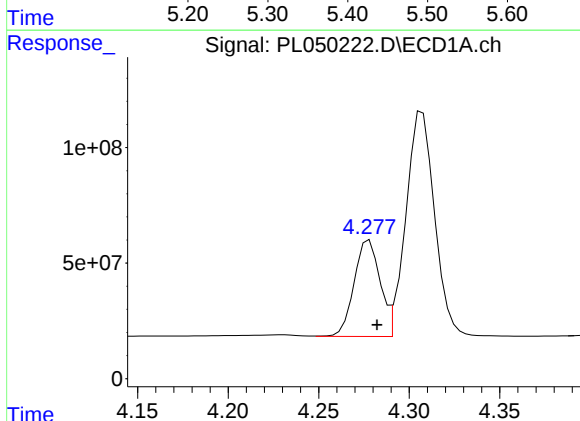
R.T.: 4.545 min
Delta R.T.: -0.005 min
Response: 1003948514
Conc: 58.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-070319-AMSD



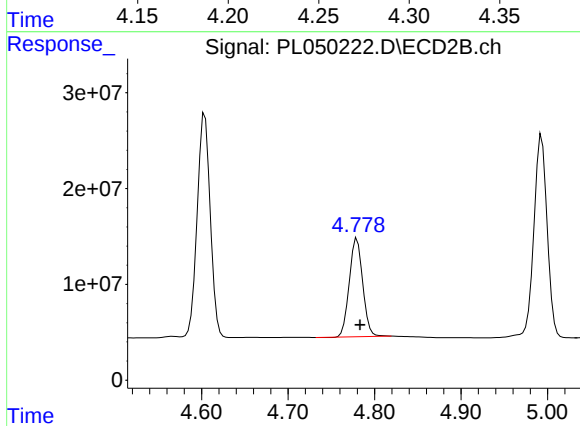
#5 Aldrin

R.T.: 5.408 min
Delta R.T.: -0.005 min
Response: 241376434
Conc: 61.62 ng/ml



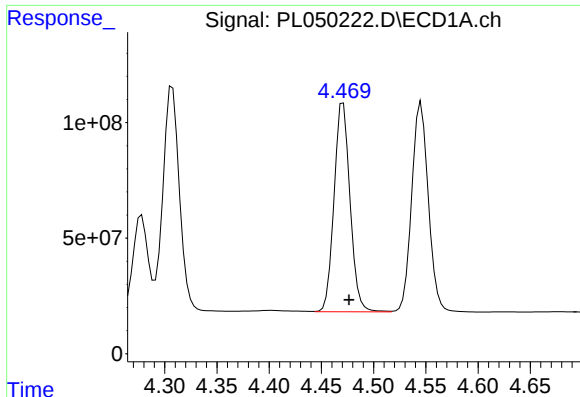
#6 beta-BHC

R.T.: 4.278 min
Delta R.T.: -0.004 min
Response: 413959950
Conc: 56.59 ng/ml



#6 beta-BHC

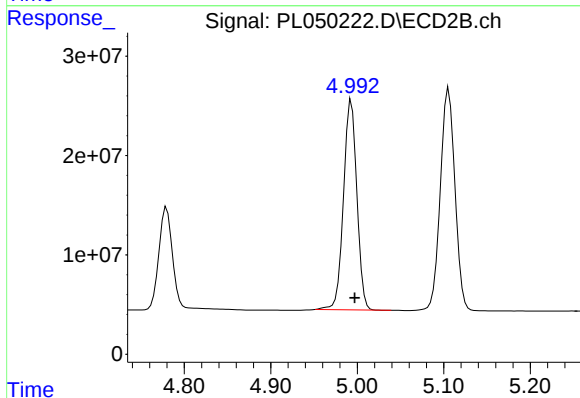
R.T.: 4.780 min
Delta R.T.: -0.004 min
Response: 110390532
Conc: 56.99 ng/ml



#7 delta-BHC

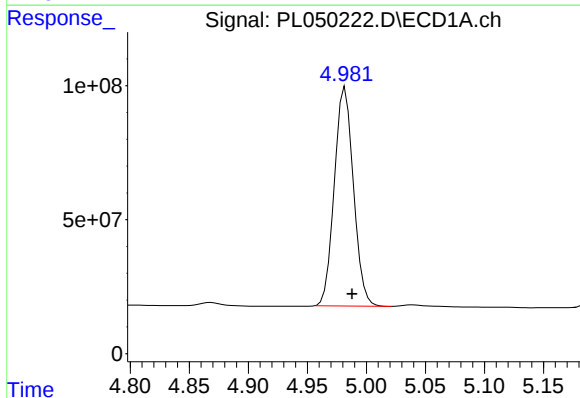
R.T.: 4.471 min
Delta R.T.: -0.005 min
Response: 962759117
Conc: 53.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-070319-AMSD



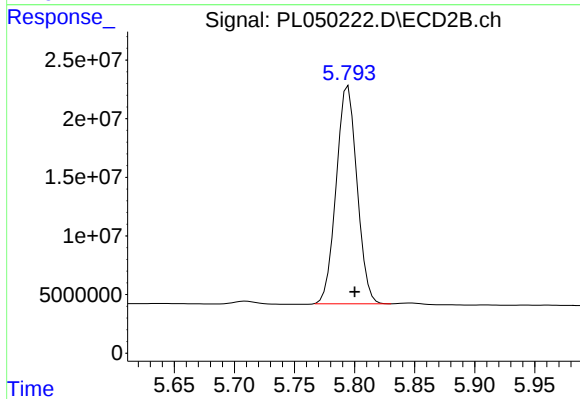
#7 delta-BHC

R.T.: 4.993 min
Delta R.T.: -0.004 min
Response: 224910428
Conc: 57.10 ng/ml



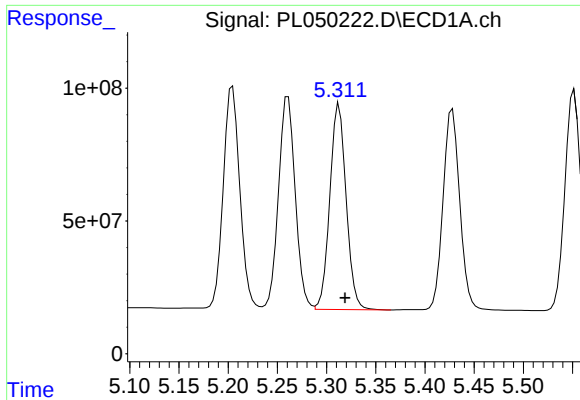
#8 Heptachlor epoxide

R.T.: 4.982 min
Delta R.T.: -0.006 min
Response: 920063936
Conc: 57.16 ng/ml



#8 Heptachlor epoxide

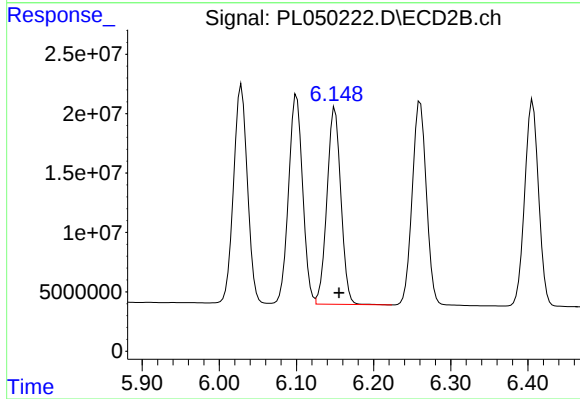
R.T.: 5.795 min
Delta R.T.: -0.005 min
Response: 224136381
Conc: 61.65 ng/ml



#9 Endosulfan I

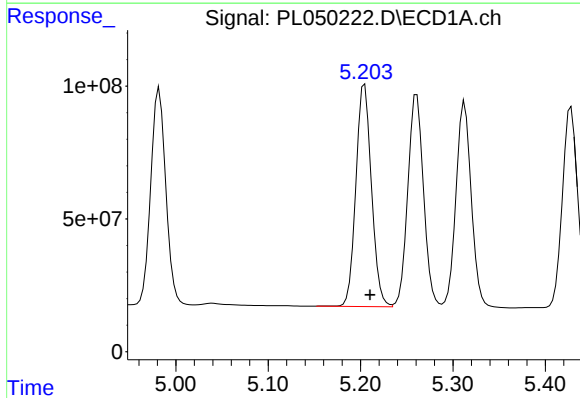
R.T.: 5.313 min
Delta R.T.: -0.006 min
Response: 893409923
Conc: 57.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-070319-AMSD



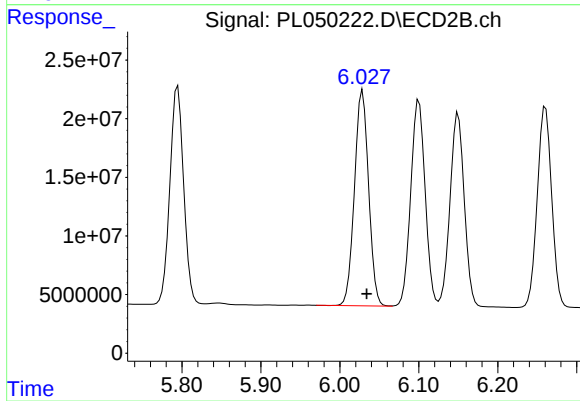
#9 Endosulfan I

R.T.: 6.150 min
Delta R.T.: -0.005 min
Response: 208458587
Conc: 61.36 ng/ml



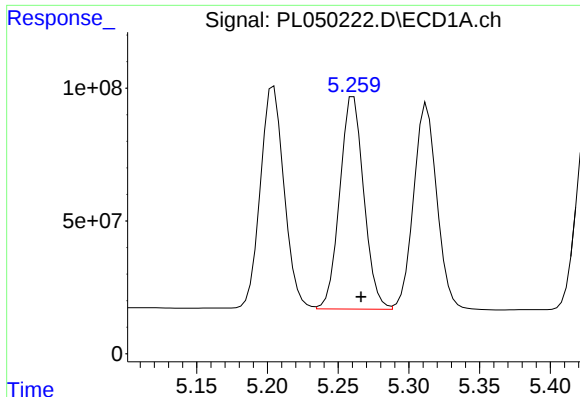
#10 gamma-Chlordane

R.T.: 5.204 min
Delta R.T.: -0.006 min
Response: 979519009
Conc: 57.32 ng/ml



#10 gamma-Chlordane

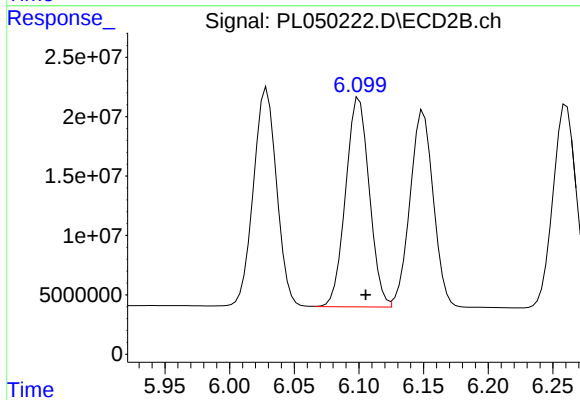
R.T.: 6.029 min
Delta R.T.: -0.005 min
Response: 228704960
Conc: 61.37 ng/ml



#11 alpha-Chlordane

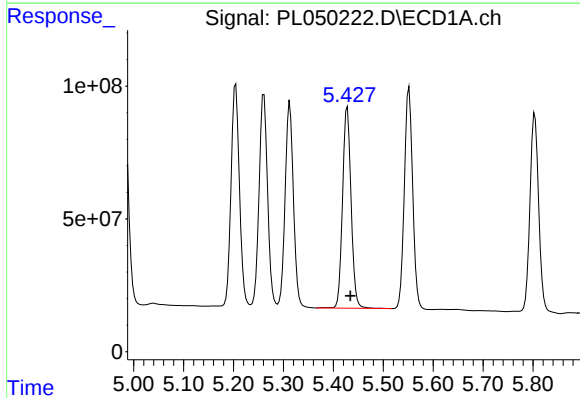
R.T.: 5.261 min
Delta R.T.: -0.005 min
Response: 948538548
Conc: 57.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-070319-AMSD



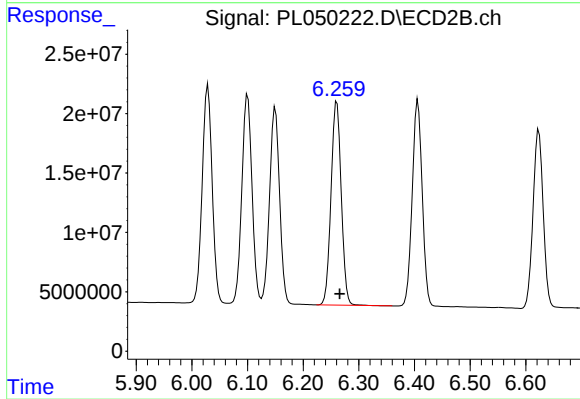
#11 alpha-Chlordane

R.T.: 6.100 min
Delta R.T.: -0.005 min
Response: 223717655
Conc: 60.49 ng/ml



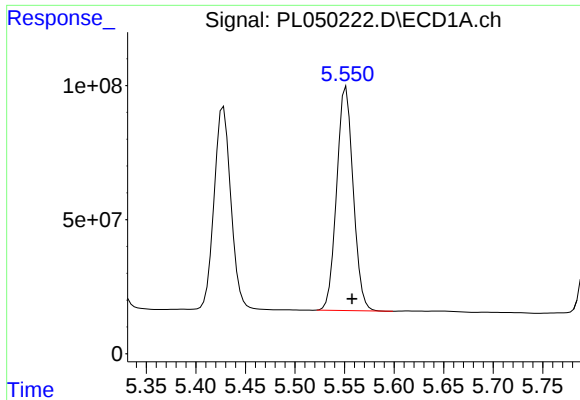
#12 4,4'-DDE

R.T.: 5.428 min
Delta R.T.: -0.006 min
Response: 900194707
Conc: 54.04 ng/ml



#12 4,4'-DDE

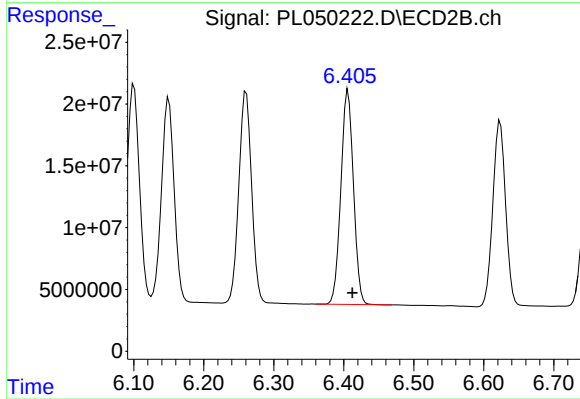
R.T.: 6.261 min
Delta R.T.: -0.005 min
Response: 218769956
Conc: 63.04 ng/ml



#13 Dieldrin

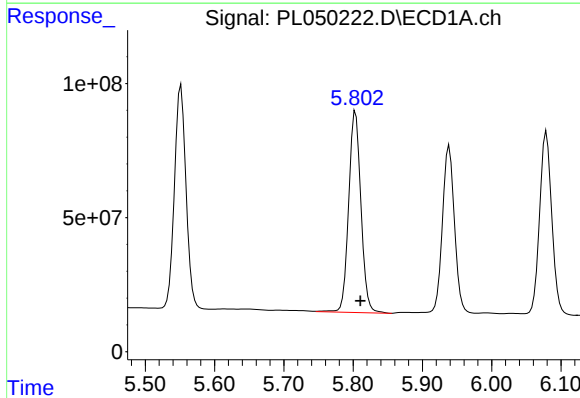
R.T.: 5.552 min
Delta R.T.: -0.006 min
Response: 966063870
Conc: 57.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-070319-AMSD



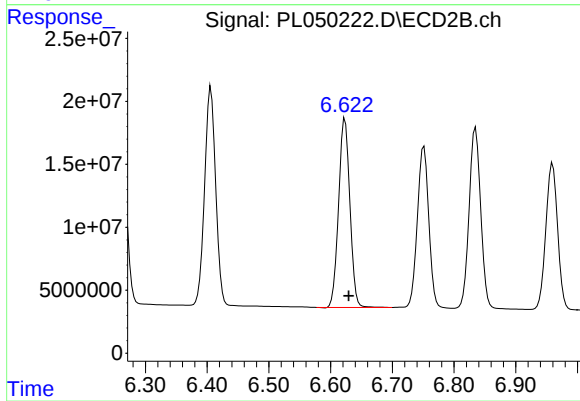
#13 Dieldrin

R.T.: 6.406 min
Delta R.T.: -0.006 min
Response: 216516218
Conc: 61.03 ng/ml



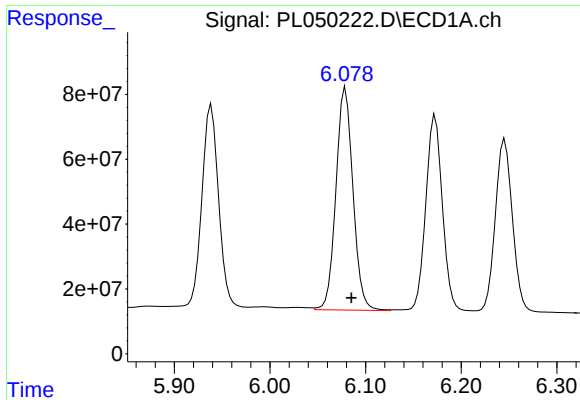
#14 Endrin

R.T.: 5.804 min
Delta R.T.: -0.007 min
Response: 923333823
Conc: 57.66 ng/ml



#14 Endrin

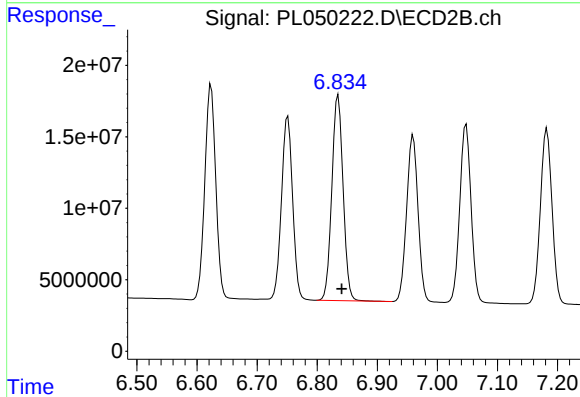
R.T.: 6.623 min
Delta R.T.: -0.006 min
Response: 190892545
Conc: 60.46 ng/ml



#15 Endosulfan II

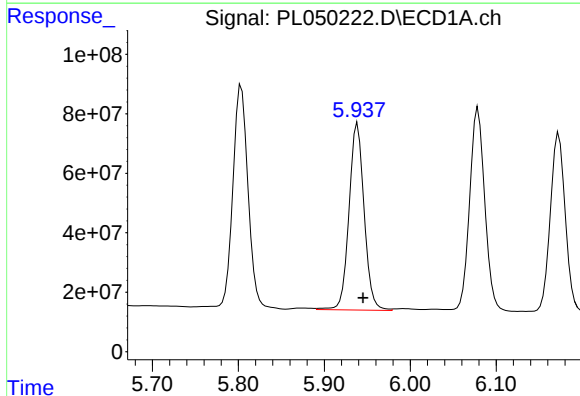
R.T.: 6.079 min
Delta R.T.: -0.006 min
Response: 848896968
Conc: 58.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-070319-AMSD



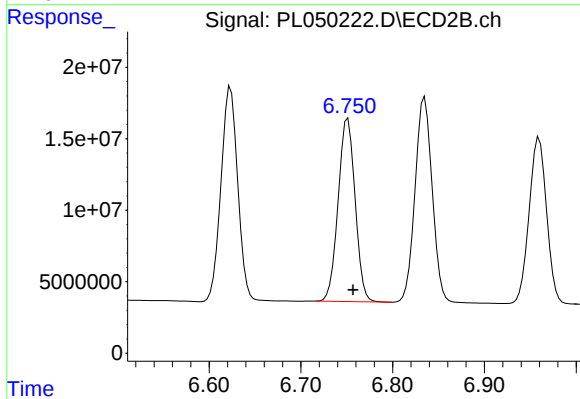
#15 Endosulfan II

R.T.: 6.835 min
Delta R.T.: -0.006 min
Response: 187296943
Conc: 58.15 ng/ml



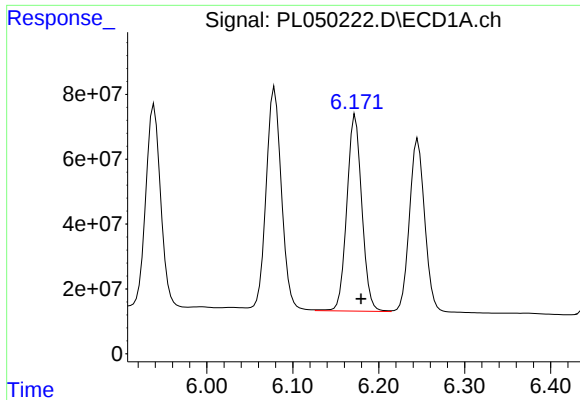
#16 4,4'-DDD

R.T.: 5.939 min
Delta R.T.: -0.006 min
Response: 771319481
Conc: 61.10 ng/ml



#16 4,4'-DDD

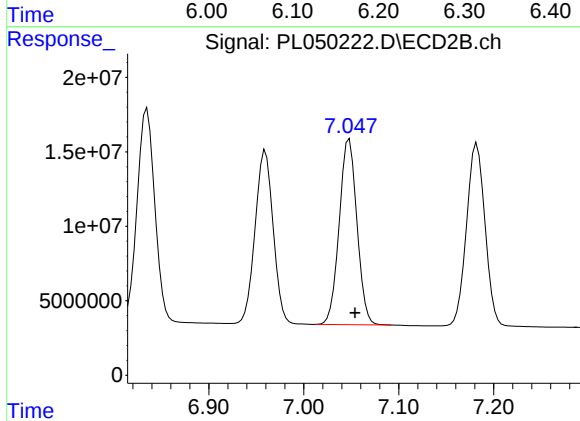
R.T.: 6.751 min
Delta R.T.: -0.006 min
Response: 164542967
Conc: 62.94 ng/ml



#17 4,4'-DDT

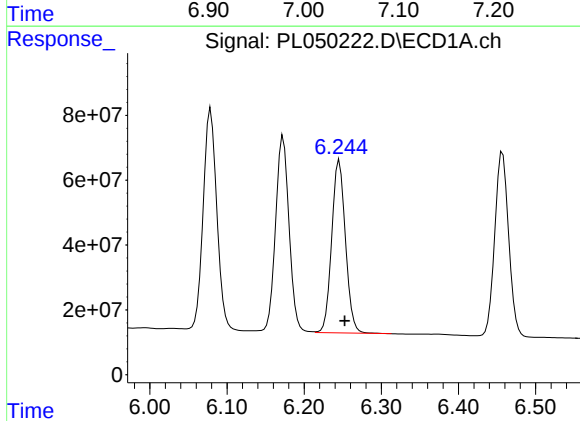
R.T.: 6.173 min
Delta R.T.: -0.007 min
Response: 736204057
Conc: 55.45 ng/ml

Instrument :
ECD_L
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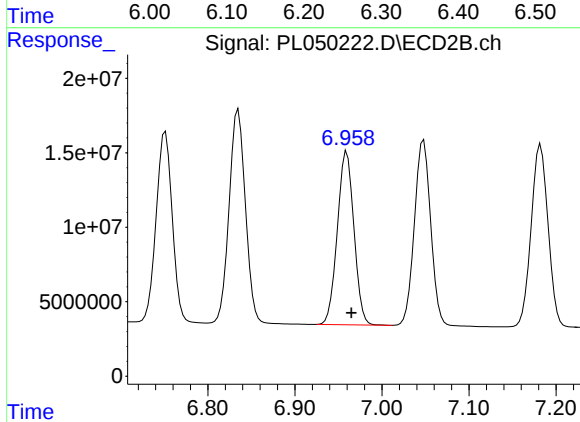
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: -0.006 min
Response: 161800601
Conc: 55.25 ng/ml



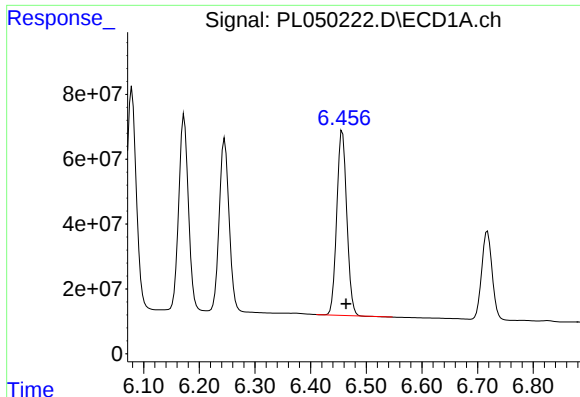
#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: -0.007 min
Response: 660611104
Conc: 55.93 ng/ml



#18 Endrin aldehyde

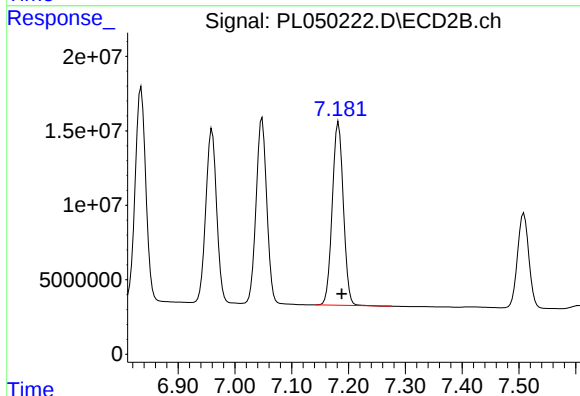
R.T.: 6.960 min
Delta R.T.: -0.005 min
Response: 154199391
Conc: 56.15 ng/ml



#19 Endosulfan Sulfate

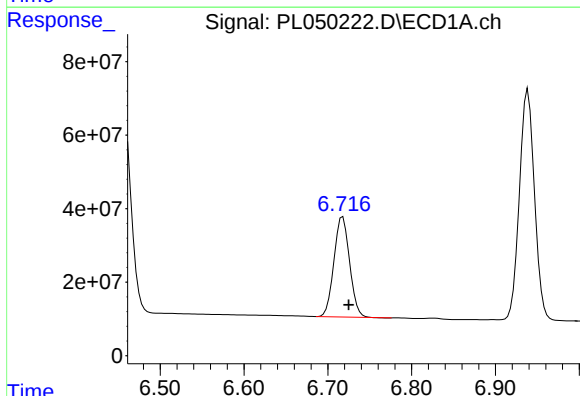
R.T.: 6.457 min
Delta R.T.: -0.007 min
Response: 713597548
Conc: 55.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-070319-AMSD



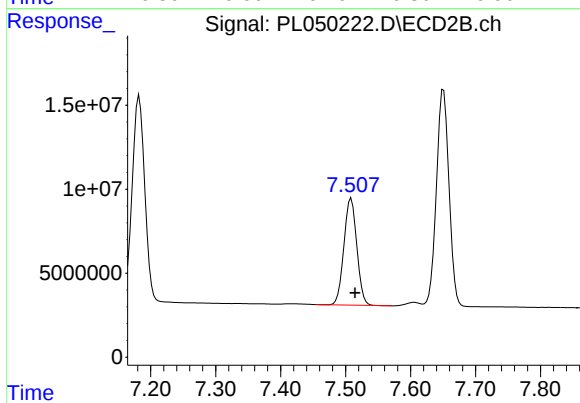
#19 Endosulfan Sulfate

R.T.: 7.182 min
Delta R.T.: -0.006 min
Response: 166575955
Conc: 55.35 ng/ml



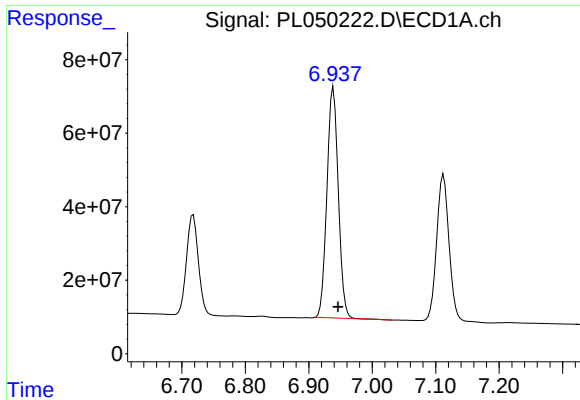
#20 Methoxychlor

R.T.: 6.718 min
Delta R.T.: -0.007 min
Response: 352974446
Conc: 54.15 ng/ml



#20 Methoxychlor

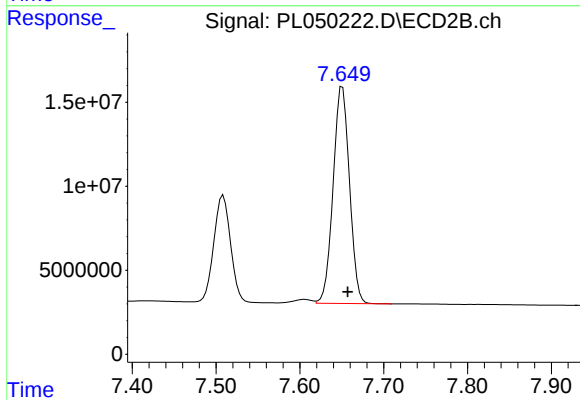
R.T.: 7.509 min
Delta R.T.: -0.006 min
Response: 87994303
Conc: 52.79 ng/ml



#21 Endrin ketone

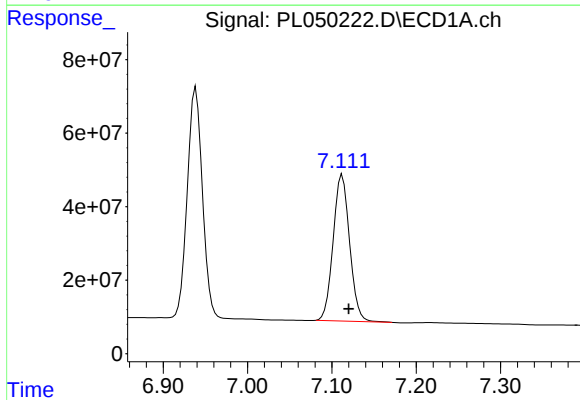
R.T.: 6.939 min
Delta R.T.: -0.007 min
Response: 780962356
Conc: 55.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-070319-AMSD



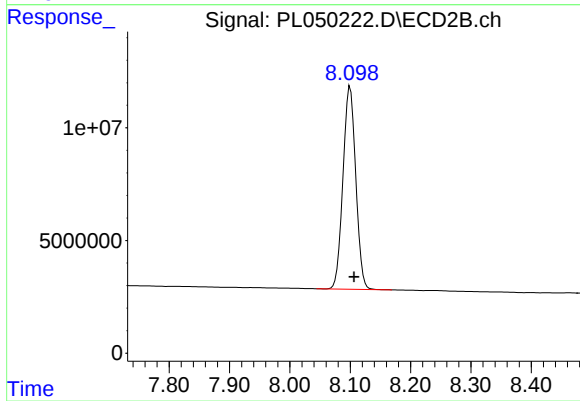
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: -0.007 min
Response: 174772526
Conc: 56.09 ng/ml



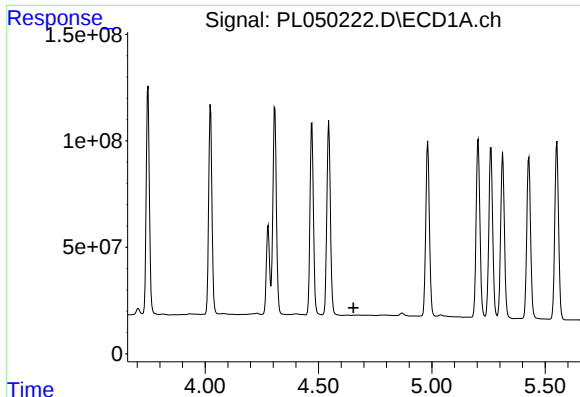
#22 Mirex

R.T.: 7.112 min
Delta R.T.: -0.008 min
Response: 539565940
Conc: 52.20 ng/ml



#22 Mirex

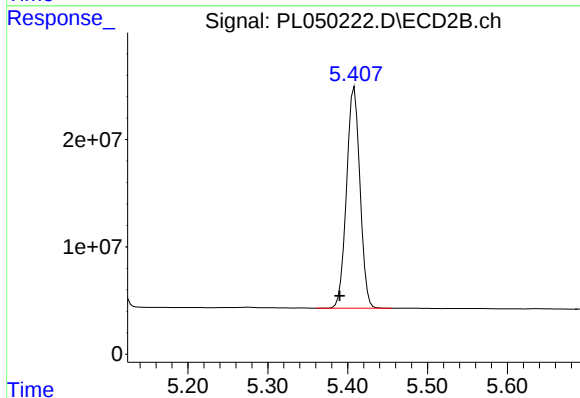
R.T.: 8.100 min
Delta R.T.: -0.007 min
Response: 132537994
Conc: 52.41 ng/ml



#24 Chlordane-2

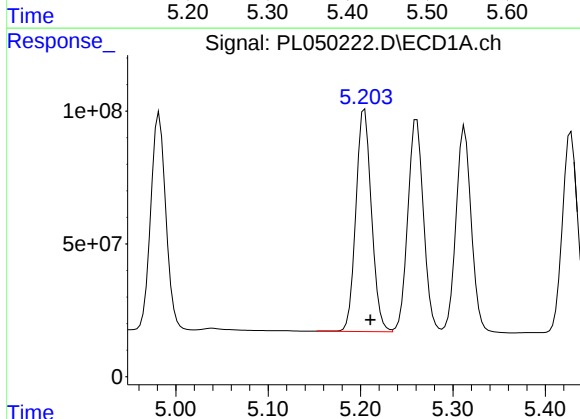
R.T.: 0.000 min
Exp R.T.: 4.655 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
OR-02-070319-AMSD



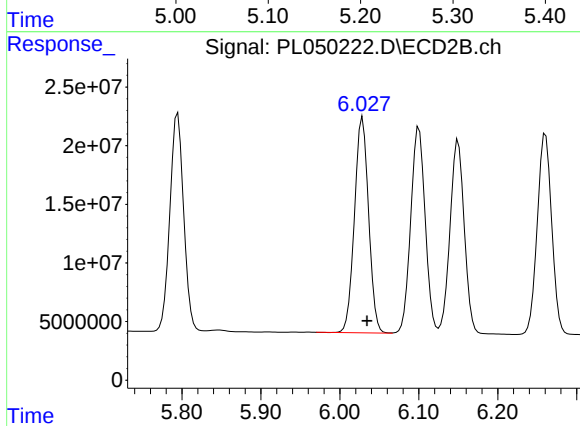
#24 Chlordane-2

R.T.: 5.408 min
Delta R.T.: 0.018 min
Response: 241376434
Conc: 1553.86 ng/ml



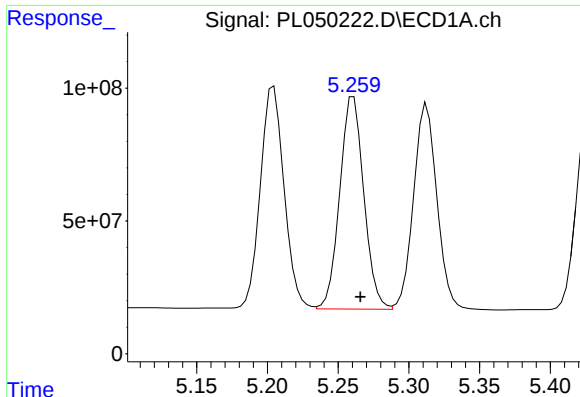
#25 Chlordane-3

R.T.: 5.204 min
Delta R.T.: -0.006 min
Response: 979519009
Conc: 521.52 ng/ml



#25 Chlordane-3

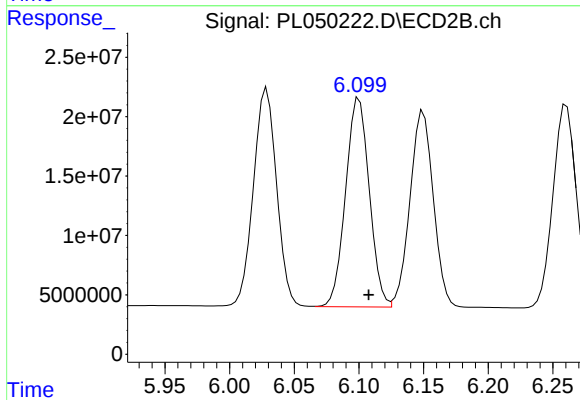
R.T.: 6.029 min
Delta R.T.: -0.006 min
Response: 228704960
Conc: 459.59 ng/ml



#26 Chlordane-4

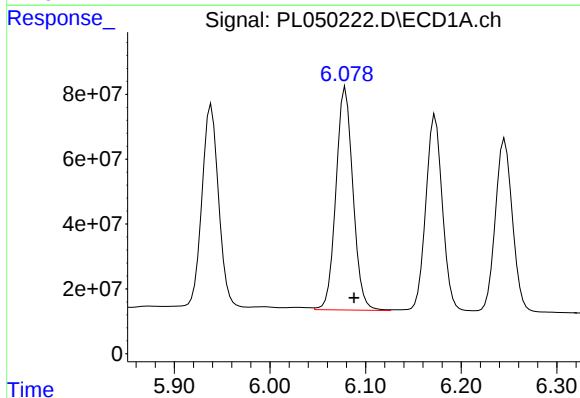
R.T.: 5.261 min
Delta R.T.: -0.005 min
Response: 948538548
Conc: 543.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-070319-AMSD



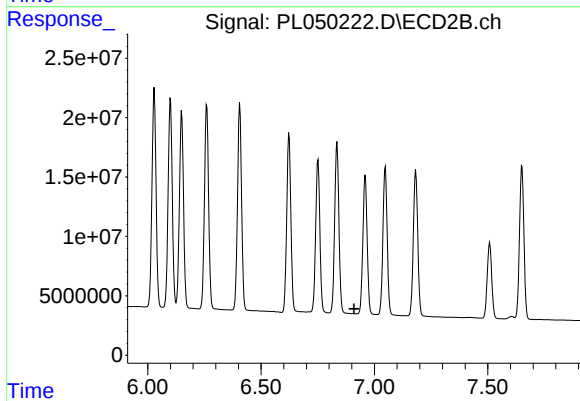
#26 Chlordane-4

R.T.: 6.100 min
Delta R.T.: -0.007 min
Response: 223717655
Conc: 376.41 ng/ml



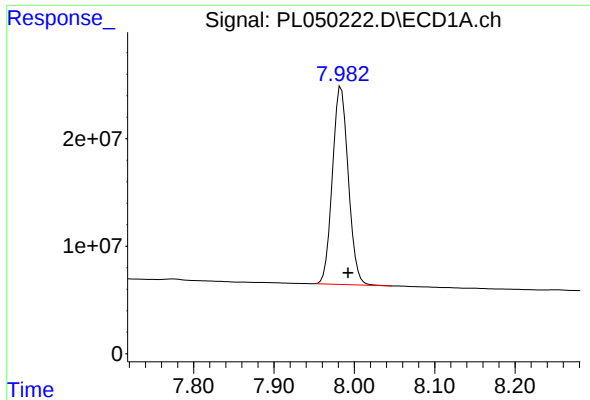
#27 Chlordane-5

R.T.: 6.079 min
Delta R.T.: -0.009 min
Response: 848896968
Conc: 1512.63 ng/ml



#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.910 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

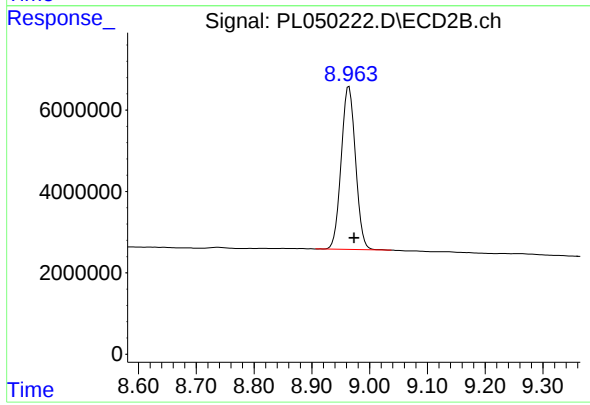
R.T.: 7.984 min

Delta R.T.: -0.009 min

Response: 252911979

Conc: 19.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-070319-AMSD



#28 Decachlorobiphenyl

R.T.: 8.964 min

Delta R.T.: -0.009 min

Response: 68587352

Conc: 20.43 ng/ml