

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092419\
 Data File : PL052698.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Sep 2019 17:29
 Operator : SG\AJ
 Sample : K4665-06MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 EO-01-091919MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 01:16:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091719.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 17 11:25:25 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...	3.552	4.048	165.4E6	49133658	21.217	22.549
28)	SA Decachlor...	8.352	9.127	180.2E6	56935063	20.611	23.776
Target Compounds							
2)	A alpha-BHC	3.997	4.439	787.4E6	201.2E6	65.497	65.811
3)	MA gamma-BHC...	4.284	4.724	705.9E6	197.6E6	62.389	68.430
4)	MA Heptachlor	4.594	5.234	702.8E6	196.2E6	62.197	66.843
5)	MB Aldrin	4.847	5.540	655.4E6	181.6E6	60.693	68.542
6)	B beta-BHC	4.534	4.892	294.2E6	90052501	60.123	67.523
7)	B delta-BHC	4.743	5.110	643.8E6	177.8E6	56.974	62.107
8)	B Heptachlor...	5.293	5.926	620.1E6	176.4E6	60.688	67.277
9)	A Endosulfan I	5.637	6.282	573.8E6	158.1E6	58.815	67.819
10)	B gamma-Chl...	5.523	6.159	631.7E6	173.4E6	59.478	68.164
11)	B alpha-Chl...	5.582	6.232	612.0E6	169.6E6	59.199	67.909
12)	B 4,4'-DDE	5.745	6.388	580.5E6	169.0E6	62.209	69.335
13)	MA Dieldrin	5.881	6.540	624.4E6	171.1E6	60.238	70.069
14)	MA Endrin	6.140	6.757	541.9E6	134.1E6	65.539	69.263
15)	B Endosulfa...	6.413	6.965	537.1E6	146.9E6	55.373	65.816
16)	A 4,4'-DDD	6.264	6.877	461.5E6	130.5E6	60.262	70.874
17)	MA 4,4'-DDT	6.507	7.176	489.5E6	137.0E6	63.072	74.889
18)	B Endrin al...	6.582	7.089	439.3E6	124.1E6	56.816	66.918
19)	B Endosulfa...	6.796	7.311	505.9E6	142.2E6	60.989	69.241
20)	A Methoxychlor	7.054	7.633	249.4E6	65986817	61.682	65.120
21)	B Endrin ke...	7.290	7.783	585.9E6	148.2E6	56.432	66.747
22)	Mirex	7.486	8.239	404.5E6	109.6E6	52.898	64.041
23)	Chlordane-1	4.466f	5.020f	3021204	1632248	11.231	21.022 #
24)	Chlordane-2	0.000	5.540f	0	181.6E6	N.D.	2213.752 #
25)	Chlordane-3	5.523	6.159	631.7E6	173.4E6	652.917	566.756
26)	Chlordane-4	5.582	6.232	612.0E6	169.6E6	777.634	441.072 #
27)	Chlordane-5	6.413	0.000	537.1E6	0	1744.208	N.D. #

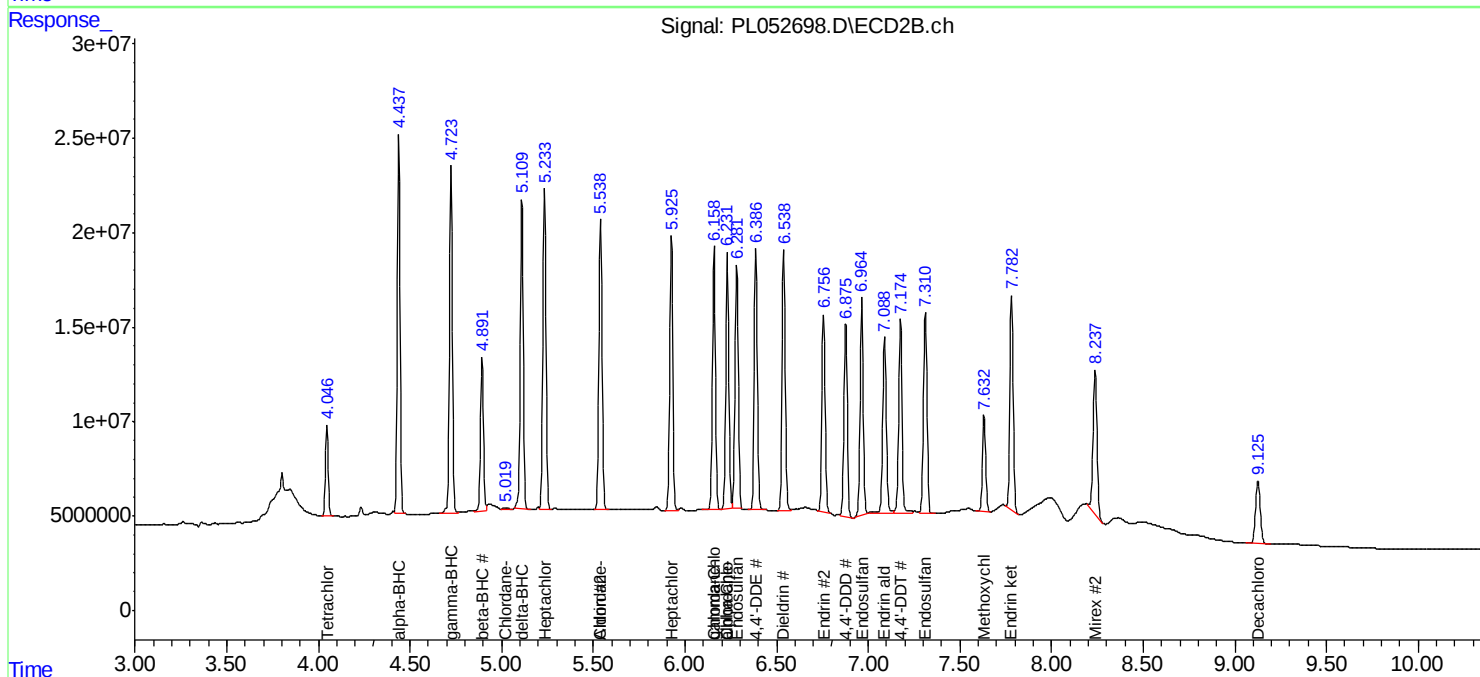
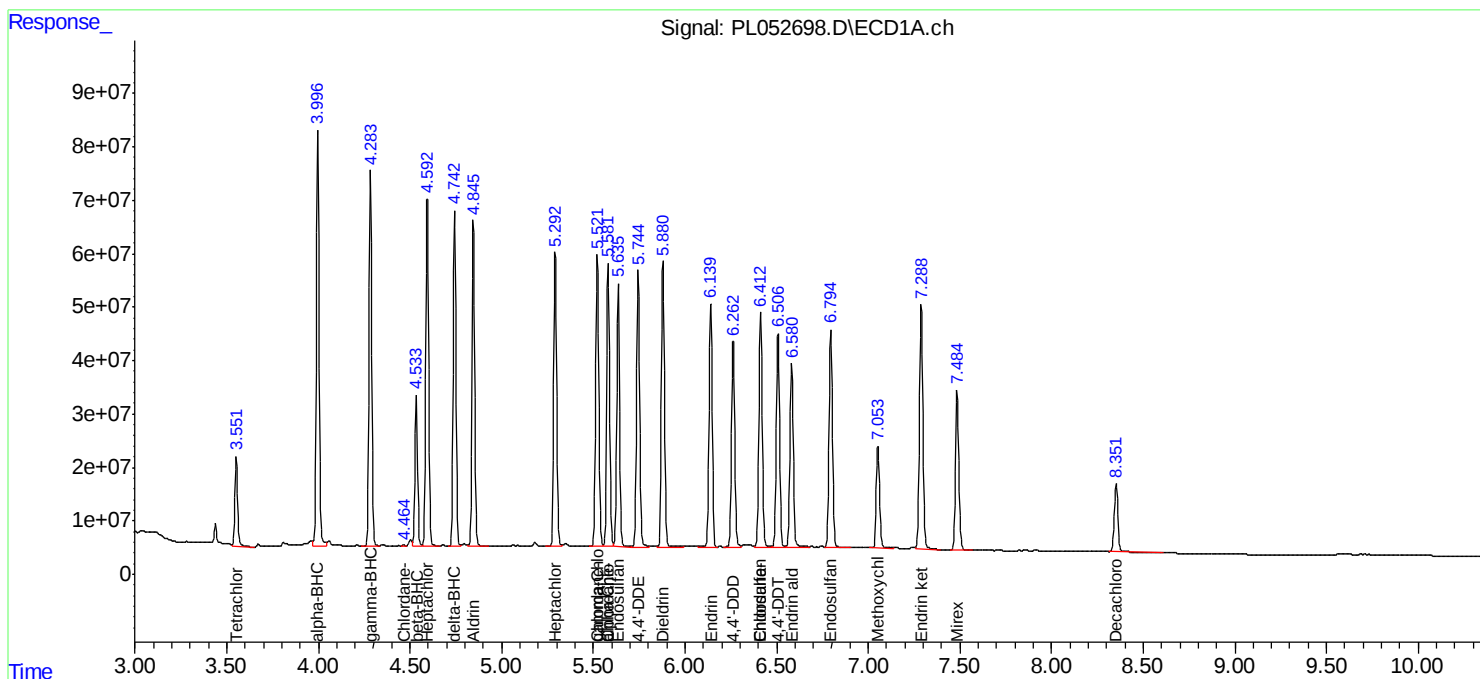
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

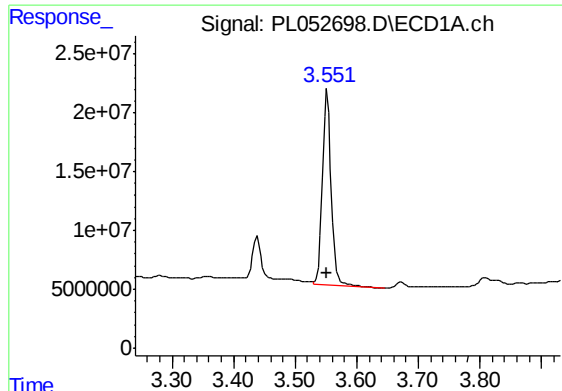
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092419\
 Data File : PL052698.D
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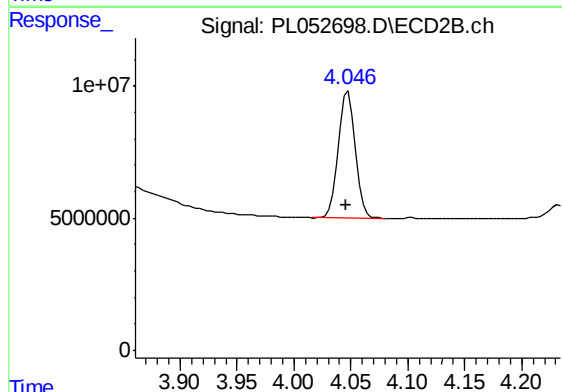




#1 Tetrachloro-m-xylene

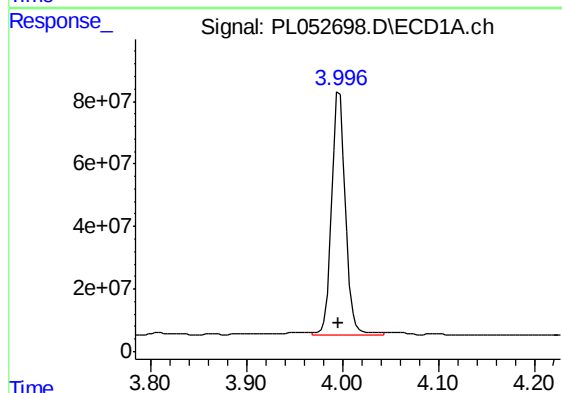
R.T.: 3.552 min
Delta R.T.: 0.001 min
Response: 165441050
Conc: 21.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091919MSD



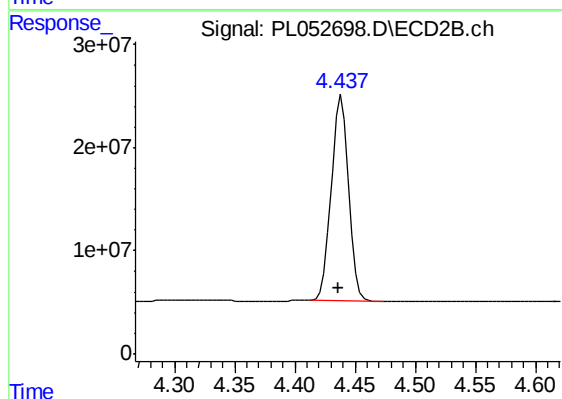
#1 Tetrachloro-m-xylene

R.T.: 4.048 min
Delta R.T.: 0.002 min
Response: 49133658
Conc: 22.55 ng/ml



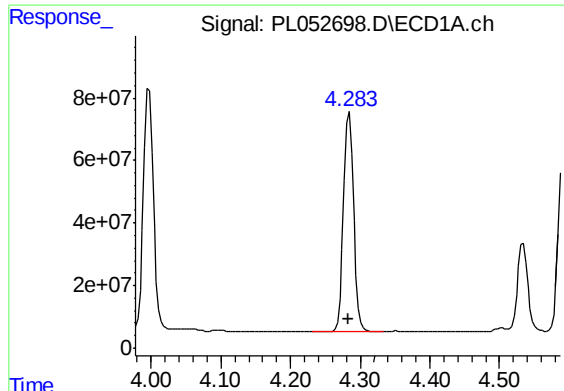
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 787433644
Conc: 65.50 ng/ml



#2 alpha-BHC

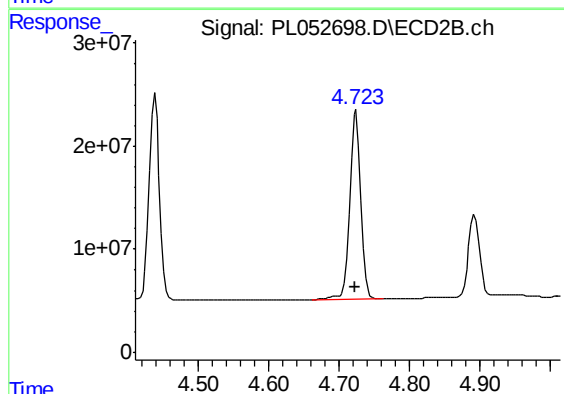
R.T.: 4.439 min
Delta R.T.: 0.002 min
Response: 201159331
Conc: 65.81 ng/ml



#3 gamma-BHC (Lindane)

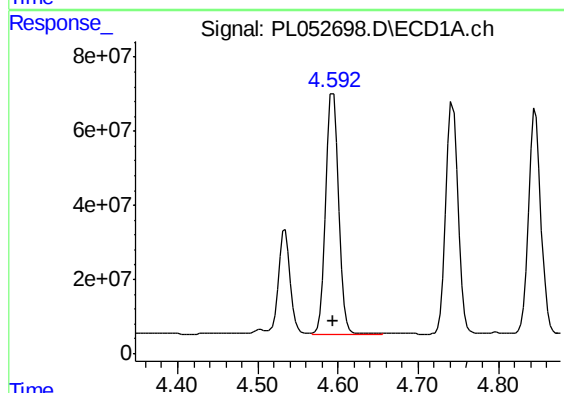
R.T.: 4.284 min
Delta R.T.: 0.000 min
Response: 705887900
Conc: 62.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091919MSD



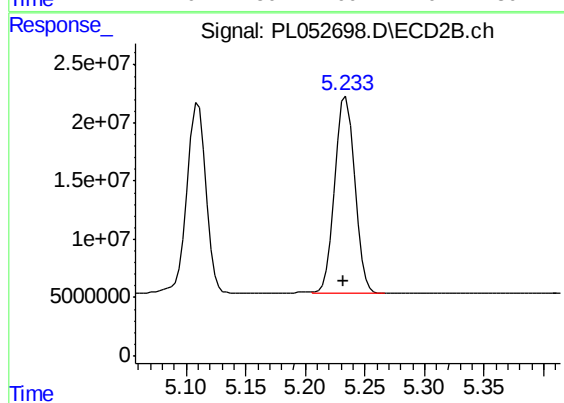
#3 gamma-BHC (Lindane)

R.T.: 4.724 min
Delta R.T.: 0.002 min
Response: 197592972
Conc: 68.43 ng/ml



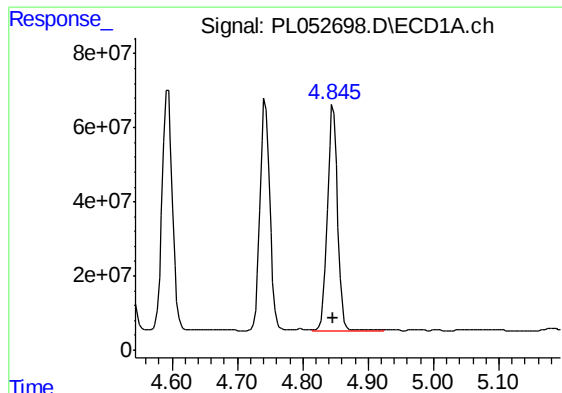
#4 Heptachlor

R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 702766233
Conc: 62.20 ng/ml



#4 Heptachlor

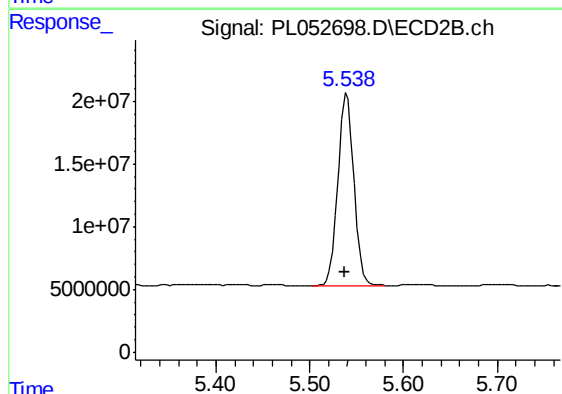
R.T.: 5.234 min
Delta R.T.: 0.003 min
Response: 196169750
Conc: 66.84 ng/ml



#5 Aldrin

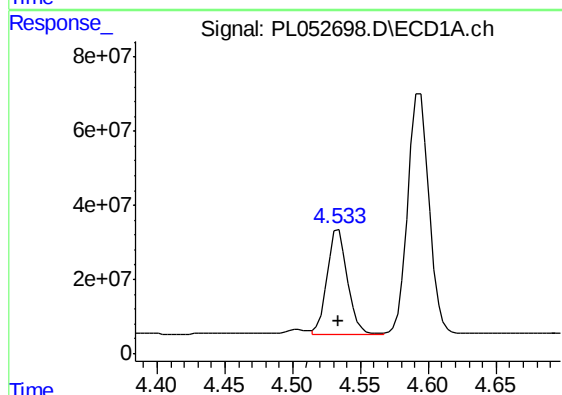
R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 655394108
Conc: 60.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091919MSD



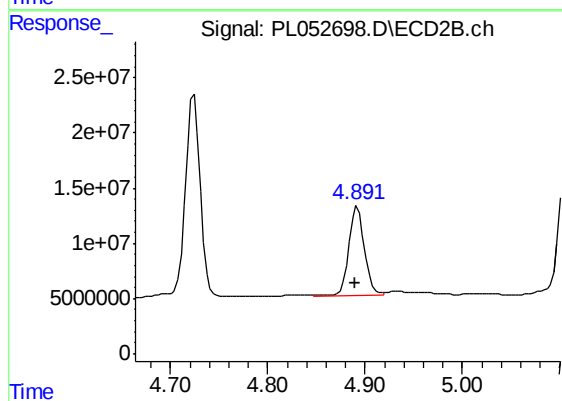
#5 Aldrin

R.T.: 5.540 min
Delta R.T.: 0.003 min
Response: 181551072
Conc: 68.54 ng/ml



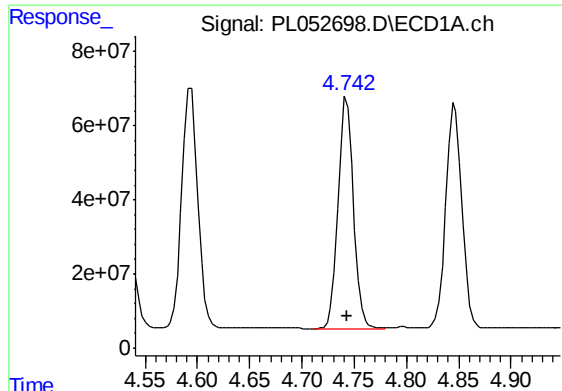
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 294233109
Conc: 60.12 ng/ml



#6 beta-BHC

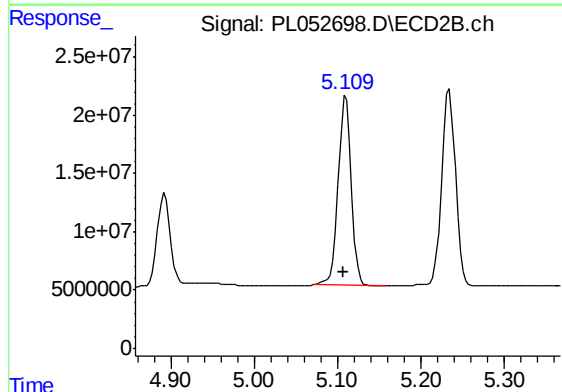
R.T.: 4.892 min
Delta R.T.: 0.003 min
Response: 90052501
Conc: 67.52 ng/ml



#7 delta-BHC

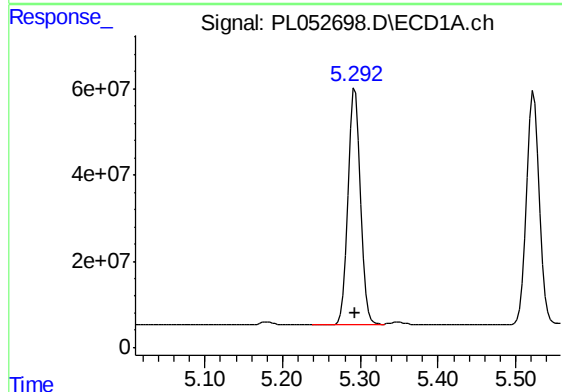
R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 643834339
Conc: 56.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091919MSD



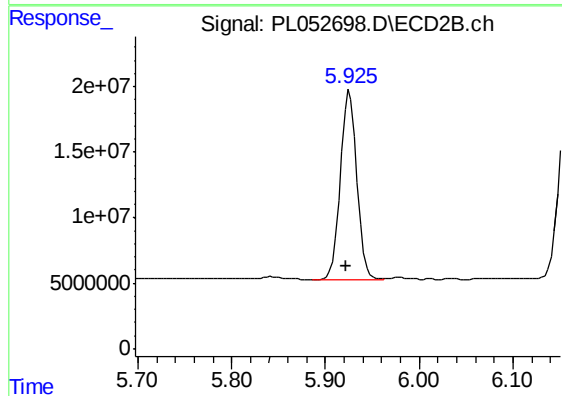
#7 delta-BHC

R.T.: 5.110 min
Delta R.T.: 0.003 min
Response: 177803527
Conc: 62.11 ng/ml



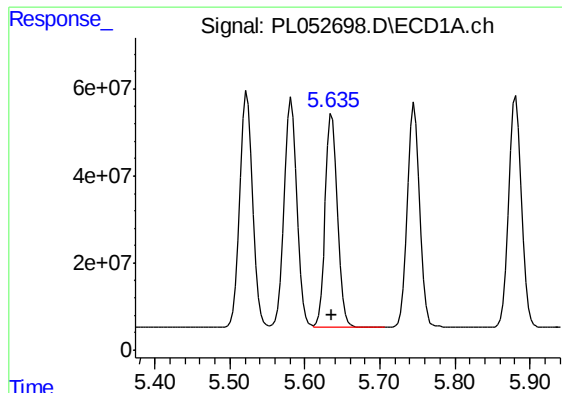
#8 Heptachlor epoxide

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 620062682
Conc: 60.69 ng/ml



#8 Heptachlor epoxide

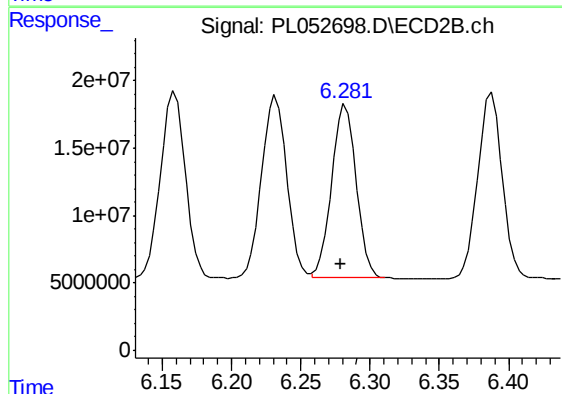
R.T.: 5.926 min
Delta R.T.: 0.004 min
Response: 176431665
Conc: 67.28 ng/ml



#9 Endosulfan I

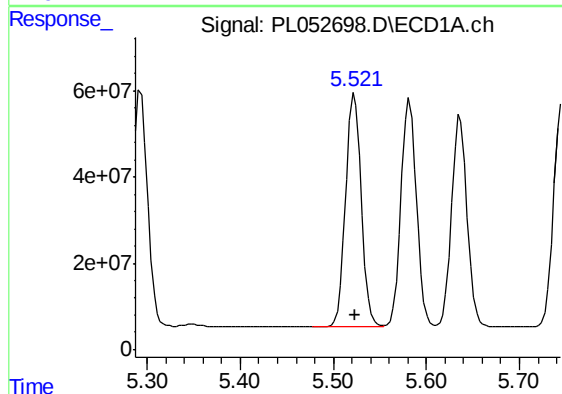
R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 573779305
Conc: 58.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091919MSD



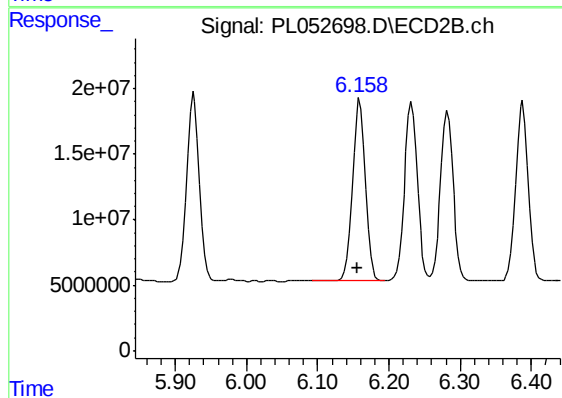
#9 Endosulfan I

R.T.: 6.282 min
Delta R.T.: 0.003 min
Response: 158100347
Conc: 67.82 ng/ml



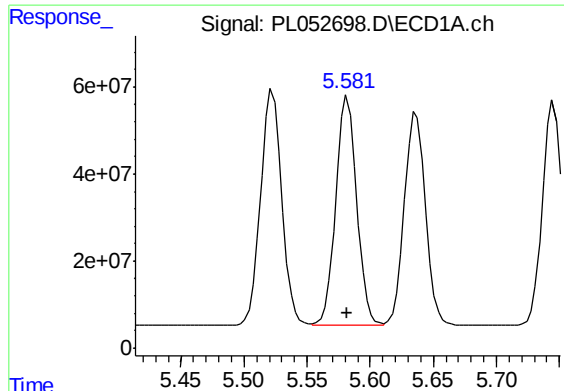
#10 gamma-Chlordane

R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 631670290
Conc: 59.48 ng/ml



#10 gamma-Chlordane

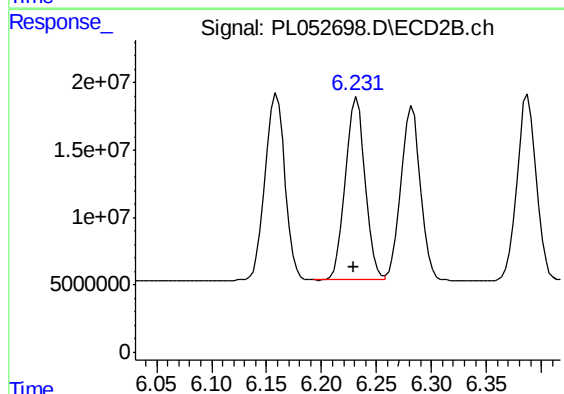
R.T.: 6.159 min
Delta R.T.: 0.004 min
Response: 173409774
Conc: 68.16 ng/ml



#11 alpha-Chlordane

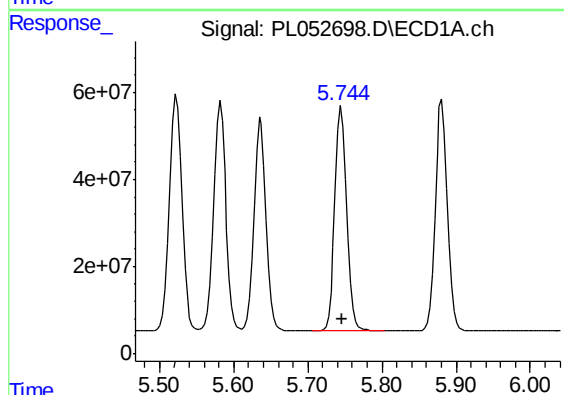
R.T.: 5.582 min
Delta R.T.: 0.000 min
Response: 611954662
Conc: 59.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091919MSD



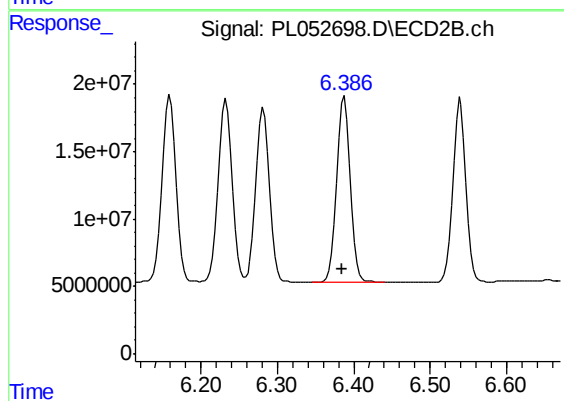
#11 alpha-Chlordane

R.T.: 6.232 min
Delta R.T.: 0.003 min
Response: 169641403
Conc: 67.91 ng/ml



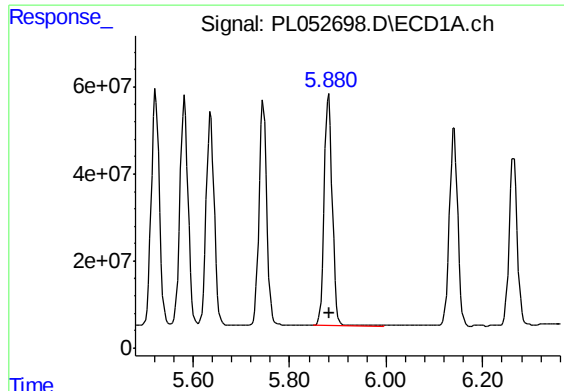
#12 4,4'-DDE

R.T.: 5.745 min
Delta R.T.: 0.000 min
Response: 580477459
Conc: 62.21 ng/ml



#12 4,4'-DDE

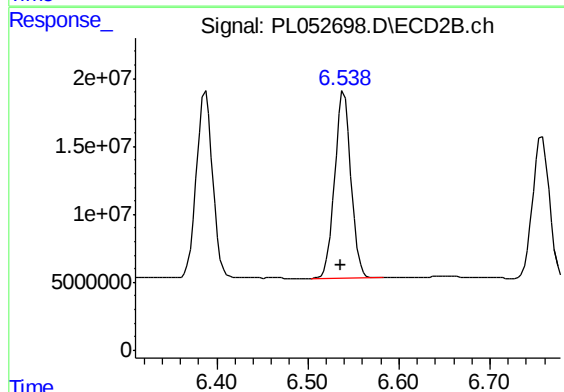
R.T.: 6.388 min
Delta R.T.: 0.004 min
Response: 169038821
Conc: 69.33 ng/ml



#13 Dielldrin

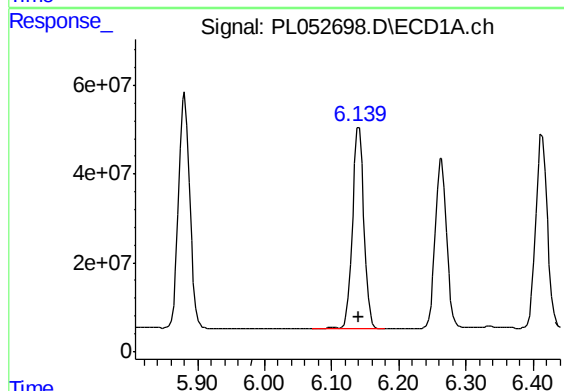
R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 624429423
Conc: 60.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091919MSD



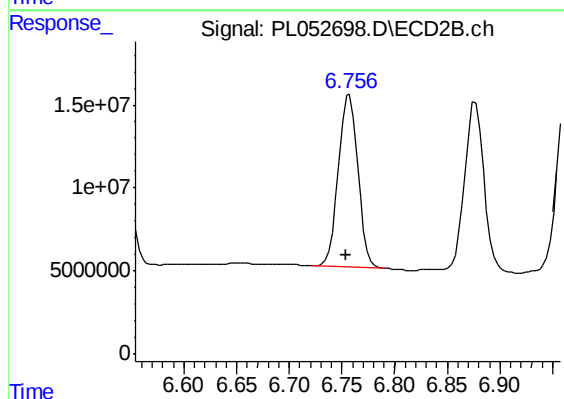
#13 Dielldrin

R.T.: 6.540 min
Delta R.T.: 0.003 min
Response: 171115416
Conc: 70.07 ng/ml



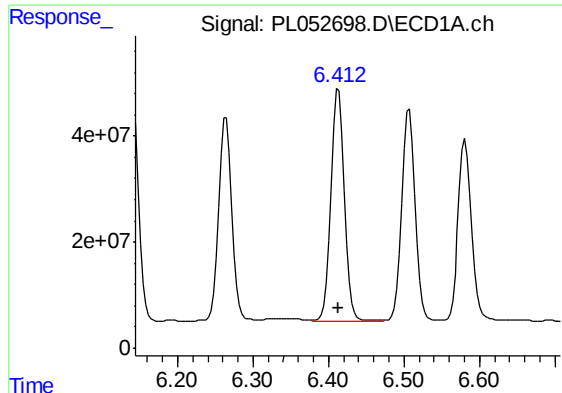
#14 Endrin

R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 541860400
Conc: 65.54 ng/ml



#14 Endrin

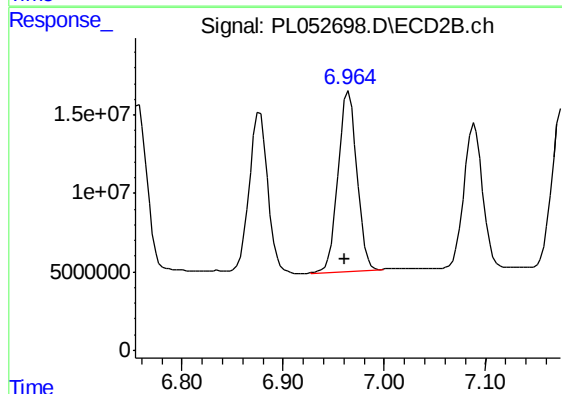
R.T.: 6.757 min
Delta R.T.: 0.004 min
Response: 134063513
Conc: 69.26 ng/ml



#15 Endosulfan II

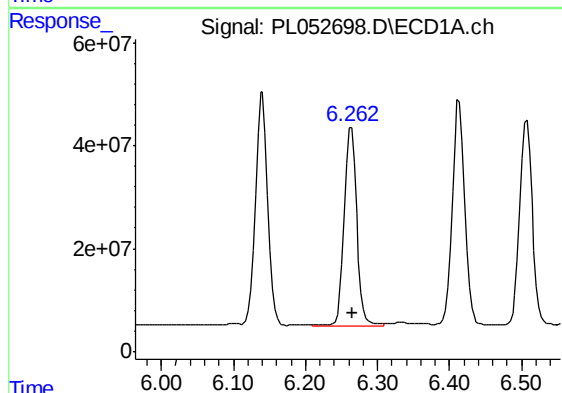
R.T.: 6.413 min
Delta R.T.: 0.000 min
Response: 537112652
Conc: 55.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091919MSD



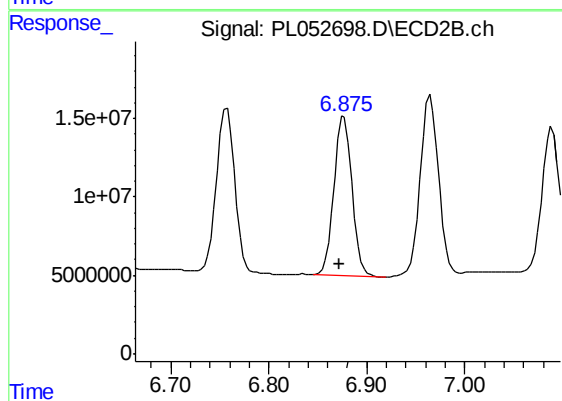
#15 Endosulfan II

R.T.: 6.965 min
Delta R.T.: 0.004 min
Response: 146914622
Conc: 65.82 ng/ml



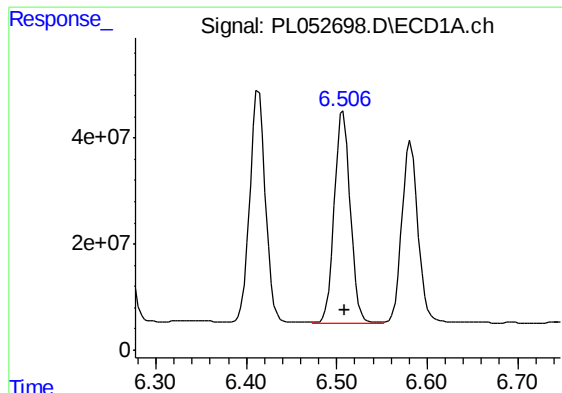
#16 4,4'-DDD

R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 461548358
Conc: 60.26 ng/ml



#16 4,4'-DDD

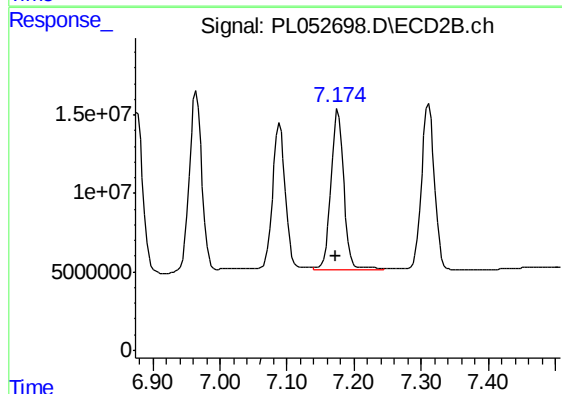
R.T.: 6.877 min
Delta R.T.: 0.004 min
Response: 130535666
Conc: 70.87 ng/ml



#17 4,4'-DDT

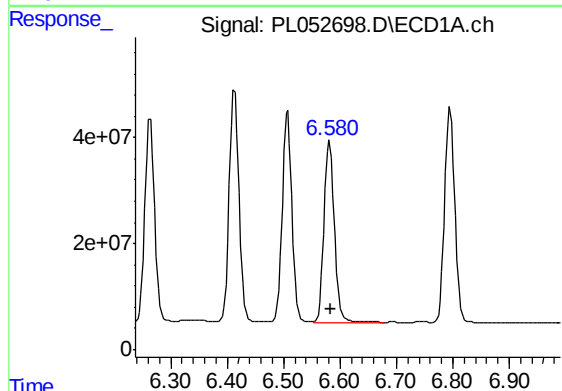
R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 489519934
Conc: 63.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091919MSD



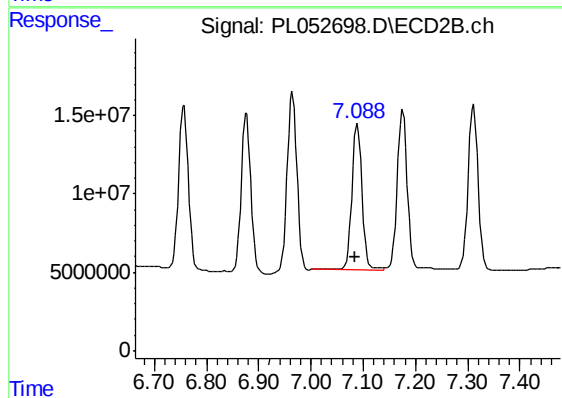
#17 4,4'-DDT

R.T.: 7.176 min
Delta R.T.: 0.004 min
Response: 136977463
Conc: 74.89 ng/ml



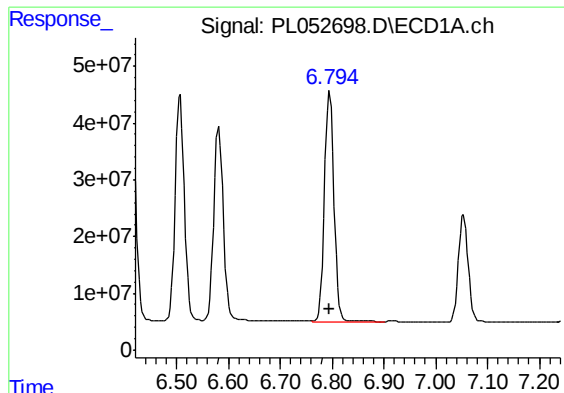
#18 Endrin aldehyde

R.T.: 6.582 min
Delta R.T.: -0.001 min
Response: 439286879
Conc: 56.82 ng/ml



#18 Endrin aldehyde

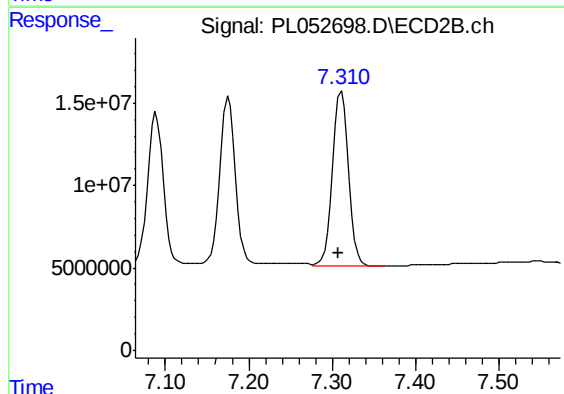
R.T.: 7.089 min
Delta R.T.: 0.004 min
Response: 124135529
Conc: 66.92 ng/ml



#19 Endosulfan Sulfate

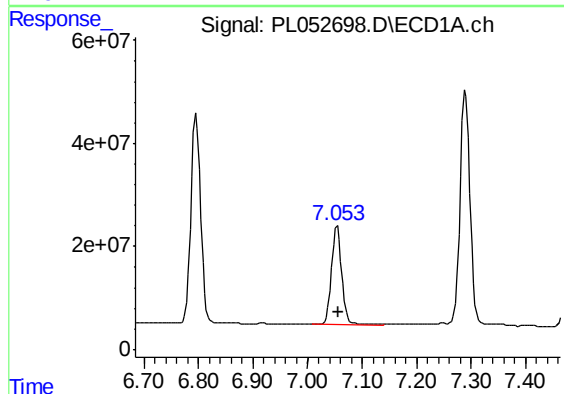
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 505892689
Conc: 60.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091919MSD



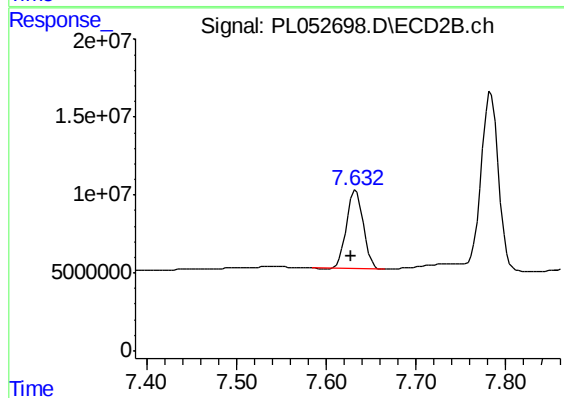
#19 Endosulfan Sulfate

R.T.: 7.311 min
Delta R.T.: 0.004 min
Response: 142212902
Conc: 69.24 ng/ml



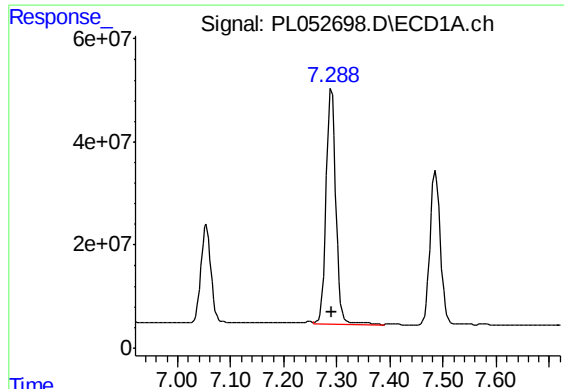
#20 Methoxychlor

R.T.: 7.054 min
Delta R.T.: -0.002 min
Response: 249382995
Conc: 61.68 ng/ml



#20 Methoxychlor

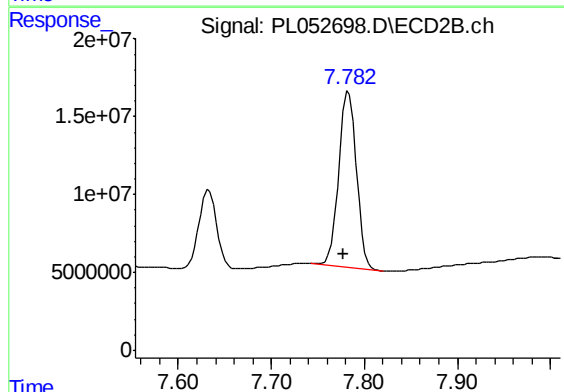
R.T.: 7.633 min
Delta R.T.: 0.005 min
Response: 65986817
Conc: 65.12 ng/ml



#21 Endrin ketone

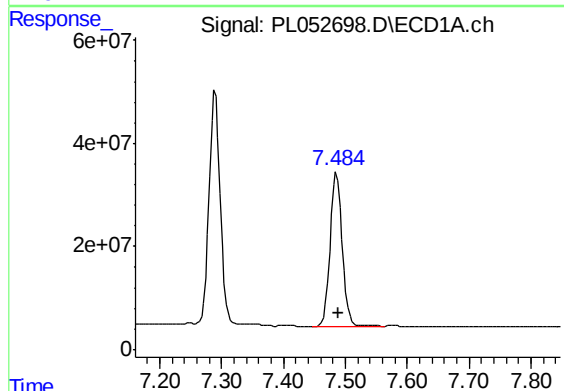
R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 585942254
Conc: 56.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091919MSD



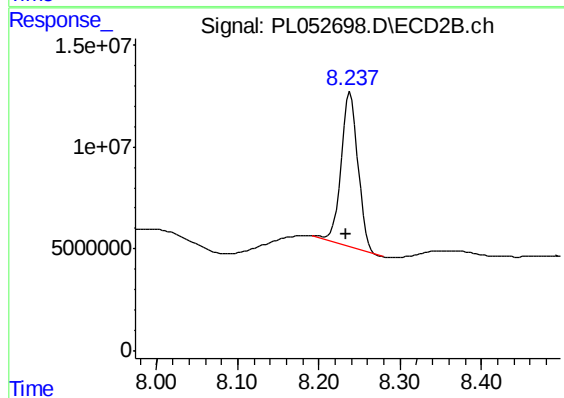
#21 Endrin ketone

R.T.: 7.783 min
Delta R.T.: 0.005 min
Response: 148225130
Conc: 66.75 ng/ml



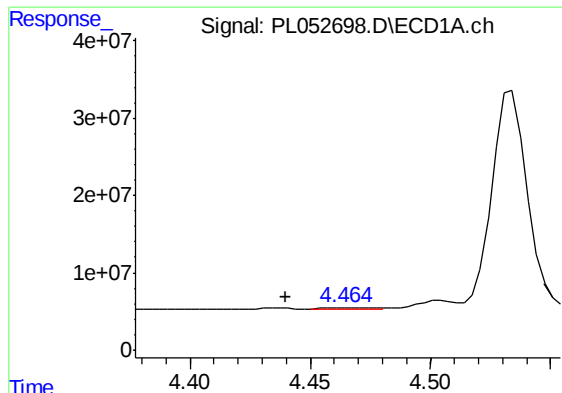
#22 Mirex

R.T.: 7.486 min
Delta R.T.: -0.002 min
Response: 404546495
Conc: 52.90 ng/ml



#22 Mirex

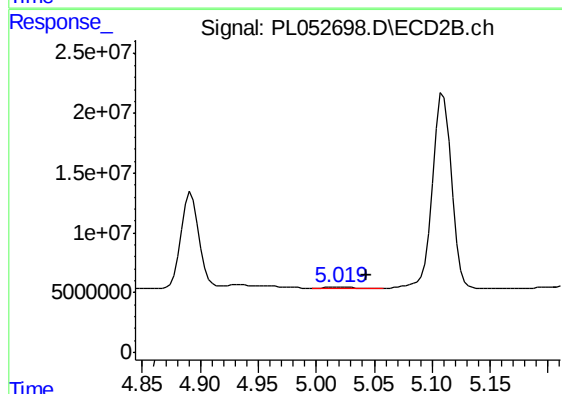
R.T.: 8.239 min
Delta R.T.: 0.005 min
Response: 109601652
Conc: 64.04 ng/ml



#23 Chlordane-1

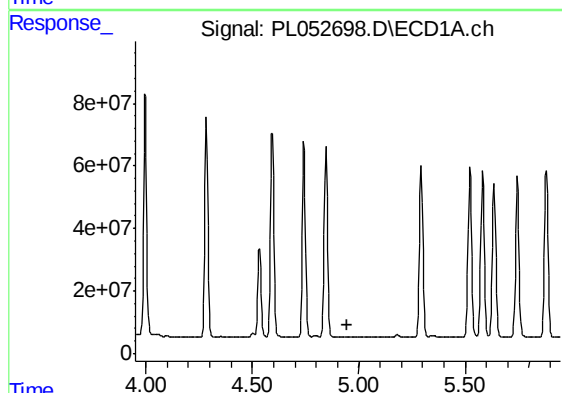
R.T.: 4.466 min
Delta R.T.: 0.026 min
Response: 3021204
Conc: 11.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091919MSD



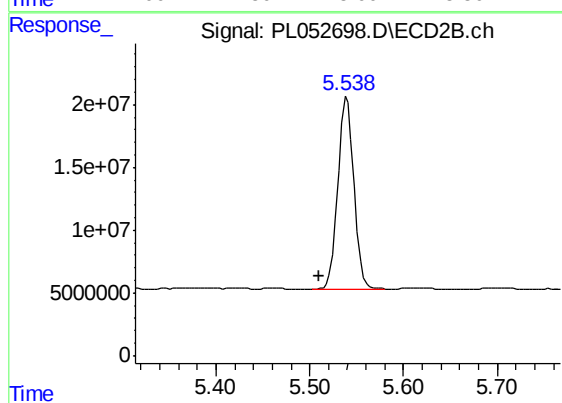
#23 Chlordane-1

R.T.: 5.020 min
Delta R.T.: -0.023 min
Response: 1632248
Conc: 21.02 ng/ml



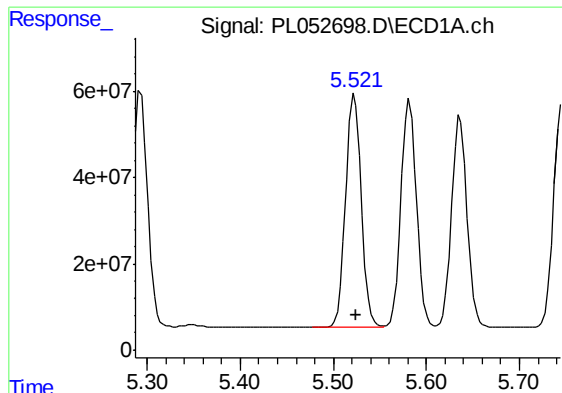
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.948 min
Response: 0
Conc: N.D.



#24 Chlordane-2

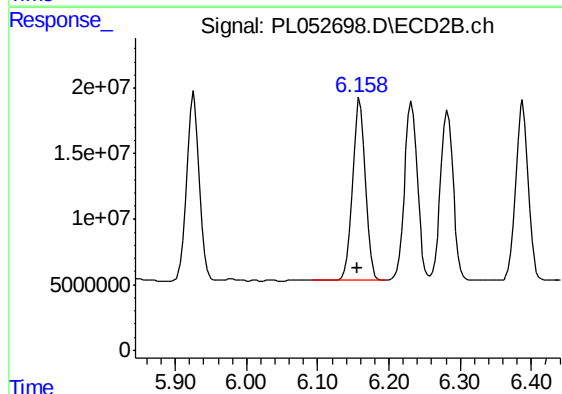
R.T.: 5.540 min
Delta R.T.: 0.030 min
Response: 181551072
Conc: 2213.75 ng/ml



#25 Chlordane-3

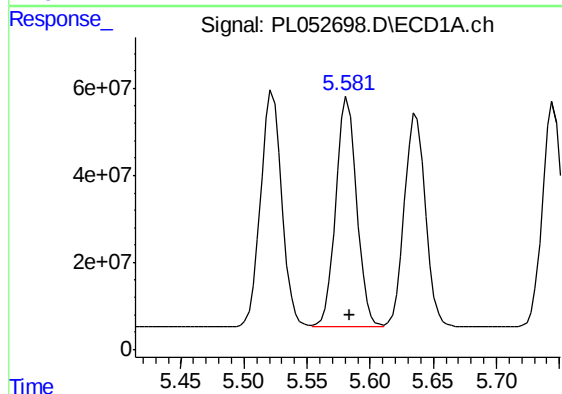
R.T.: 5.523 min
Delta R.T.: -0.002 min
Response: 631670290
Conc: 652.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091919MSD



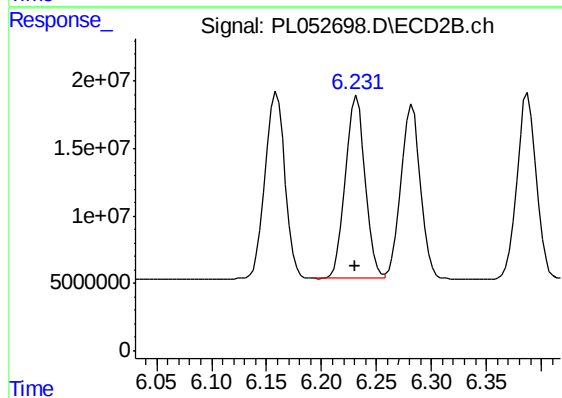
#25 Chlordane-3

R.T.: 6.159 min
Delta R.T.: 0.003 min
Response: 173409774
Conc: 566.76 ng/ml



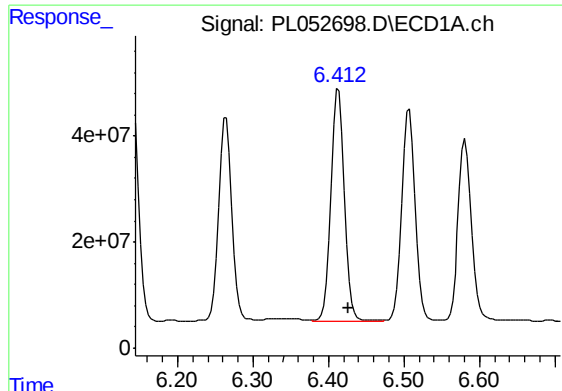
#26 Chlordane-4

R.T.: 5.582 min
Delta R.T.: -0.001 min
Response: 611954662
Conc: 777.63 ng/ml



#26 Chlordane-4

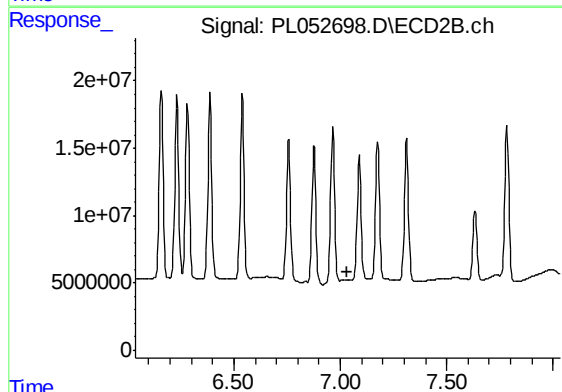
R.T.: 6.232 min
Delta R.T.: 0.002 min
Response: 169641403
Conc: 441.07 ng/ml



#27 Chlordane-5

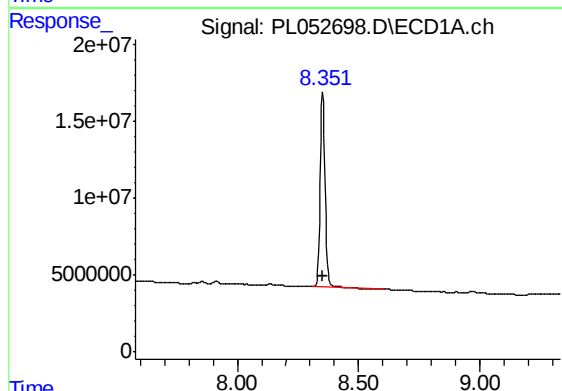
R.T.: 6.413 min
Delta R.T.: -0.013 min
Response: 537112652
Conc: 1744.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091919MSD



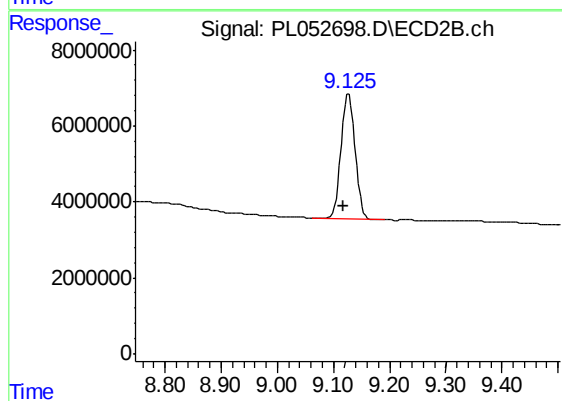
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.035 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.352 min
Delta R.T.: -0.002 min
Response: 180231637
Conc: 20.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.127 min
Delta R.T.: 0.008 min
Response: 56935063
Conc: 23.78 ng/ml