

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL083019\
 Data File : PL052032.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Aug 2019 11:04
 Operator : SG\AJ
 Sample : K4439-10MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 S-5-(5-7)MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 22:45:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081919.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 19 18:03:07 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...	3.313	3.923	171.2E6	43739834	20.008	20.020
28)	SA Decachlor...	7.970	8.949	219.5E6	51600486	18.088	16.952
Target Compounds							
2)	A alpha-BHC	3.740	4.312	784.9E6	157.1E6	54.168	48.739
3)	MA gamma-BHC...	4.015	4.595	749.8E6	160.1E6	56.991	50.855
4)	MA Heptachlor	4.298	5.095	801.1E6	175.0E6	52.919	49.896
5)	MB Aldrin	4.536	5.397	762.2E6	171.7E6	52.746	52.370
6)	B beta-BHC	4.270	4.772	315.2E6	74548620	55.201	51.151
7)	B delta-BHC	4.463	4.985	722.5E6	154.0E6	48.587	49.195
8)	B Heptachlo...	4.972	5.784	730.9E6	165.3E6	52.263	48.975
9)	A Endosulfan I	5.303	6.139	686.2E6	161.4E6	51.041	49.909
10)	B gamma-Chl...	5.194	6.018	754.2E6	170.1E6	50.512	46.601
11)	B alpha-Chl...	5.250	6.089	734.9E6	170.5E6	50.785	49.408
12)	B 4,4'-DDE	5.417	6.249	737.8E6	169.6E6	53.913	48.182
13)	MA Dieldrin	5.541	6.395	810.6E6	173.2E6	53.309	50.568
14)	MA Endrin	5.793	6.612	726.0E6	152.3E6	49.775	50.340
15)	B Endosulfa...	6.069	6.824	648.7E6	162.6E6	46.623	49.339
16)	A 4,4'-DDD	5.928	6.740	588.1E6	147.5E6	48.023	54.482
17)	MA 4,4'-DDT	6.162	7.037	600.8E6	140.4E6	47.116	47.960
18)	B Endrin al...	6.235	6.948	537.8E6	141.9E6	46.233	50.216
19)	B Endosulfa...	6.447	7.172	621.5E6	158.2E6	47.773	51.221
20)	A Methoxychlor	6.706	7.498	325.8E6	81548099	48.054	48.622
21)	B Endrin ke...	6.927	7.640	676.7E6	168.9E6	47.835	52.789
22)	Mirex	7.101	8.087	480.2E6	123.7E6	45.360	50.861
23)	Chlordane-1	0.000	4.905	0	1947112	N.D.	21.471 #
24)	Chlordane-2	0.000	5.397f	0	171.7E6	N.D.	1710.810 #
25)	Chlordane-3	5.194	6.018	754.2E6	170.1E6	580.929	381.875 #
26)	Chlordane-4	5.250	6.089	734.9E6	170.5E6	602.716	313.945 #
27)	Chlordane-5	6.069	0.000	648.7E6	0	1321.976	N.D. #

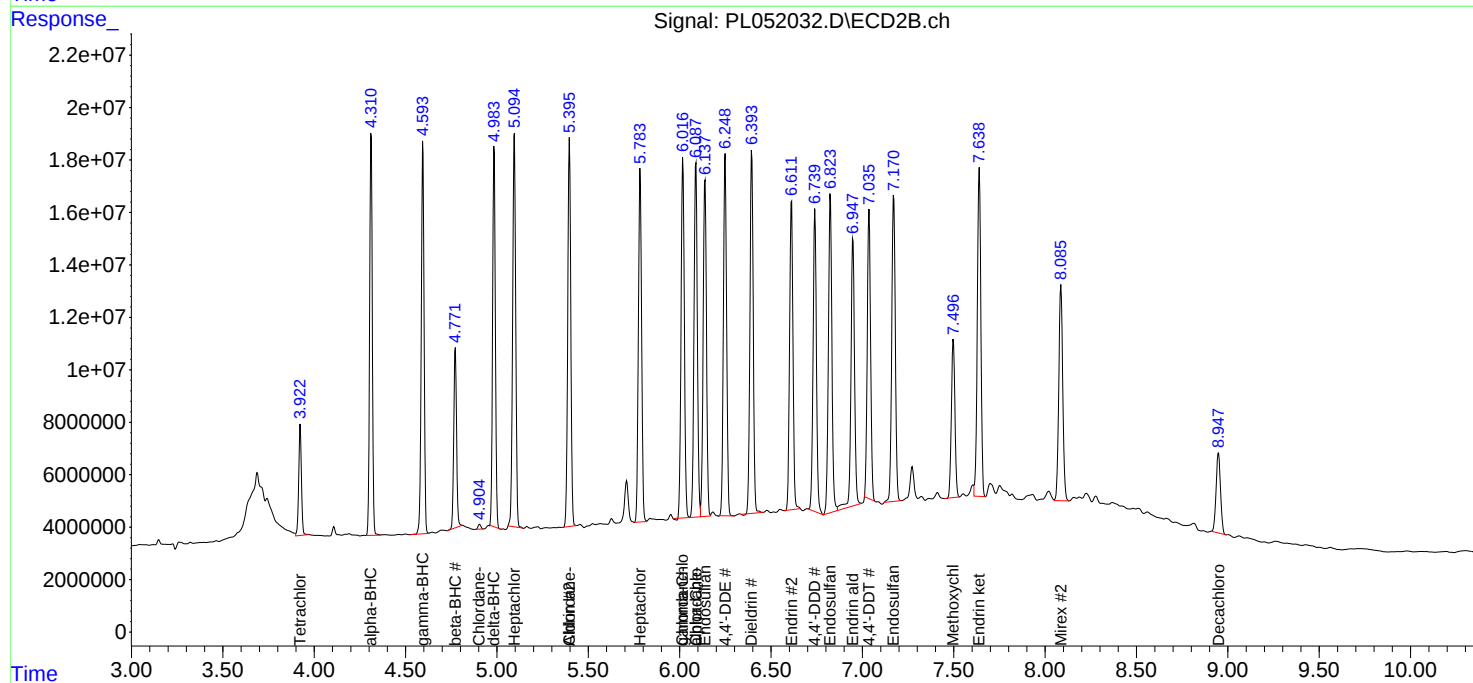
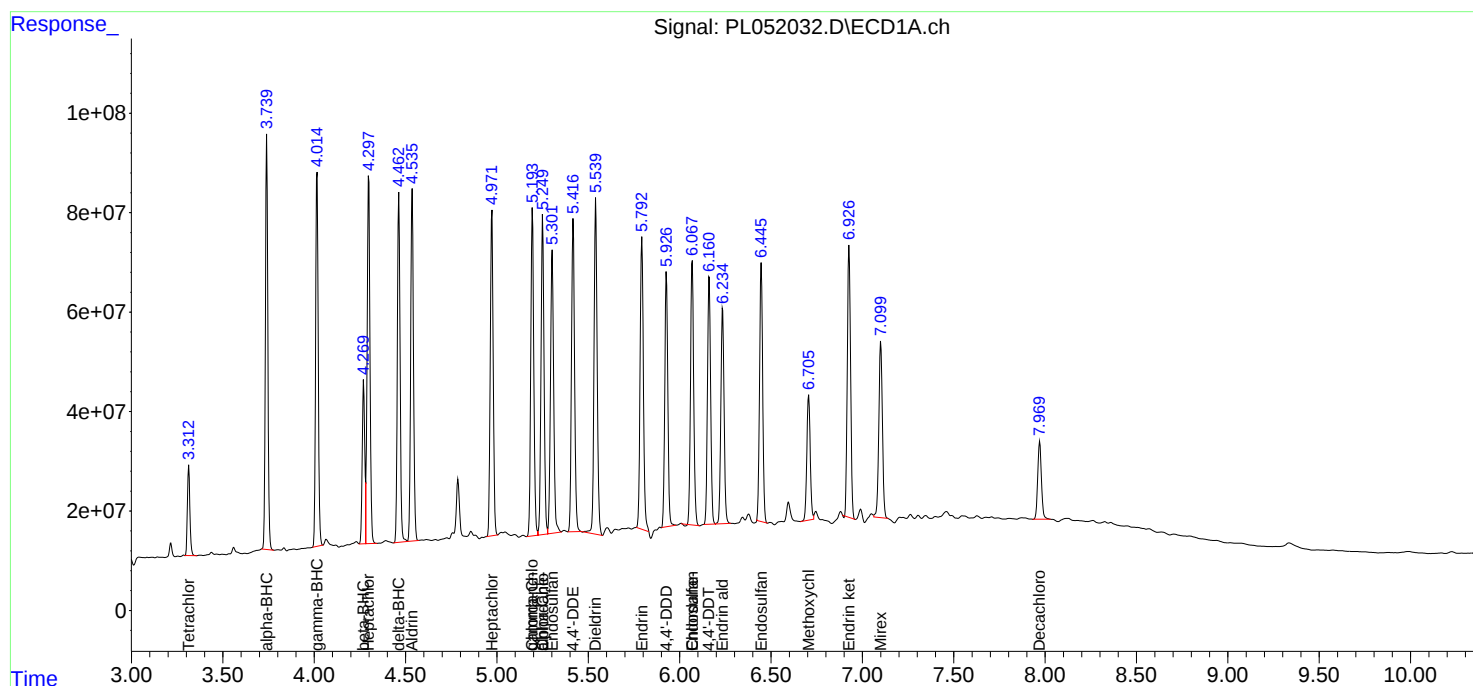
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

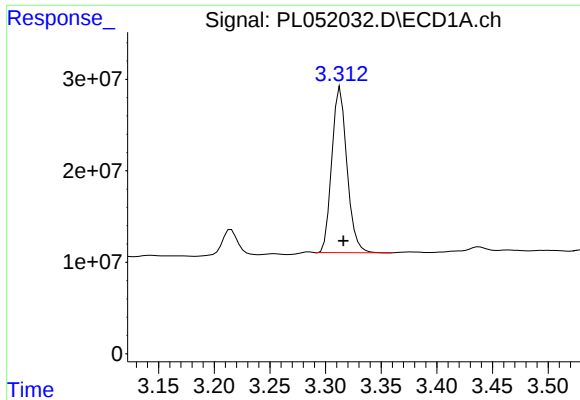
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL083019\
Data File : PL052032.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Aug 2019 11:04
Operator : SG\AJ
Sample : K4439-10MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 30 22:45:23 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081919.M
Quant Title : GC Extractables
QLast Update : Mon Aug 19 18:03:07 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

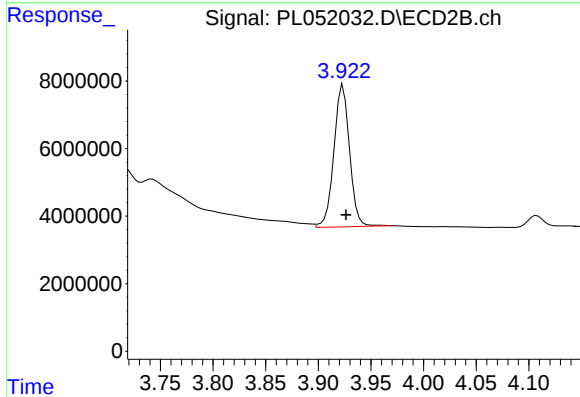




#1 Tetrachloro-m-xylene

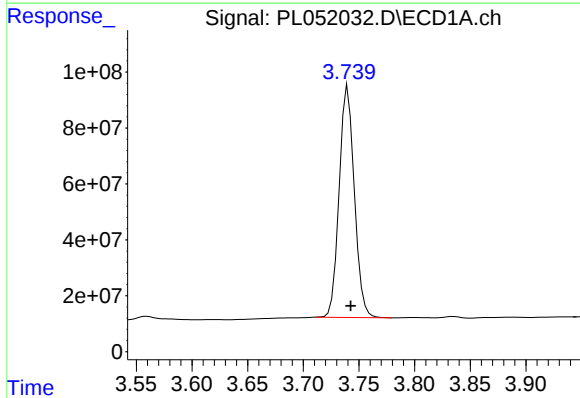
R.T.: 3.313 min
Delta R.T.: -0.003 min
Response: 171238283
Conc: 20.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MSD



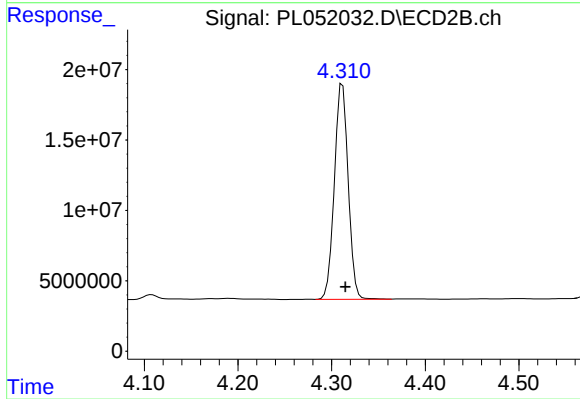
#1 Tetrachloro-m-xylene

R.T.: 3.923 min
Delta R.T.: -0.003 min
Response: 43739834
Conc: 20.02 ng/ml



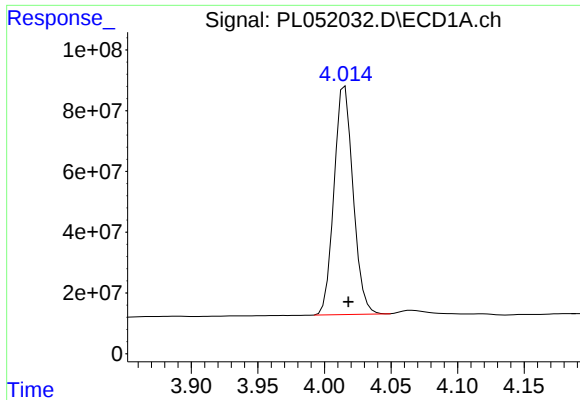
#2 alpha-BHC

R.T.: 3.740 min
Delta R.T.: -0.003 min
Response: 784874023
Conc: 54.17 ng/ml



#2 alpha-BHC

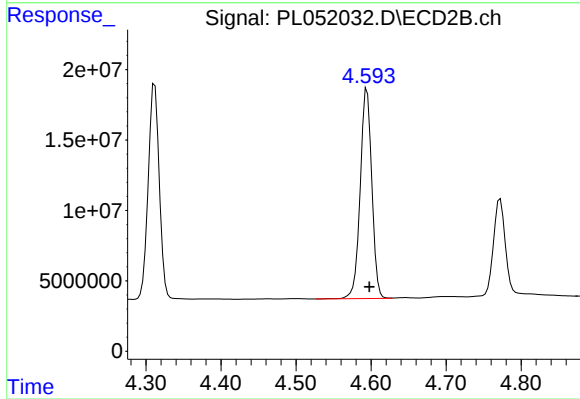
R.T.: 4.312 min
Delta R.T.: -0.003 min
Response: 157056643
Conc: 48.74 ng/ml



#3 gamma-BHC (Lindane)

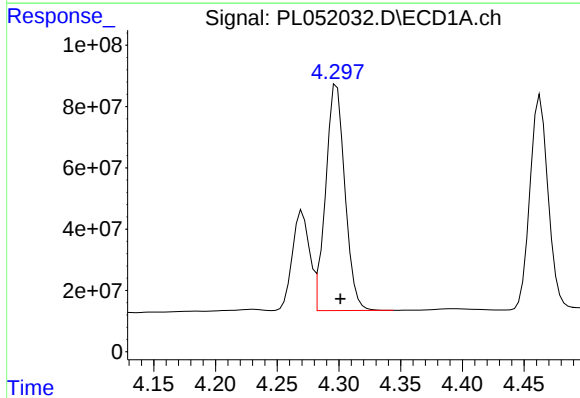
R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 749808492
Conc: 56.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MSD



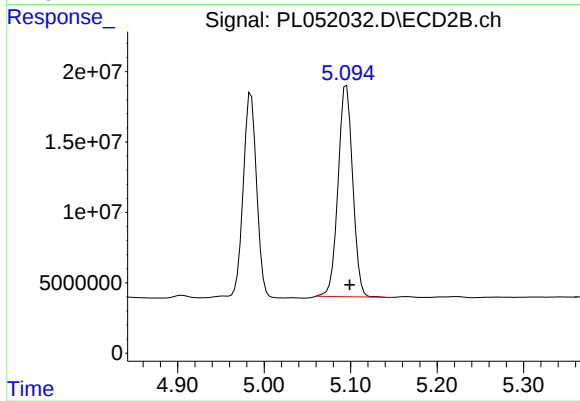
#3 gamma-BHC (Lindane)

R.T.: 4.595 min
Delta R.T.: -0.003 min
Response: 160106694
Conc: 50.85 ng/ml



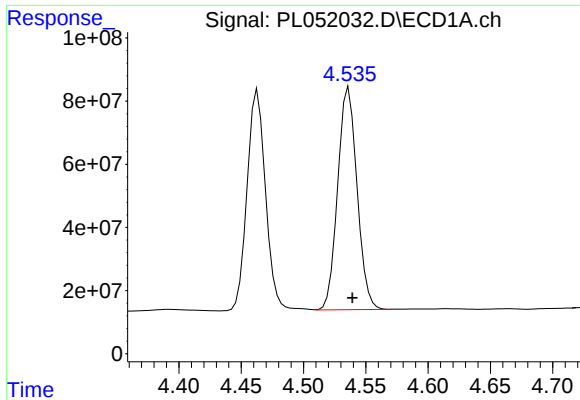
#4 Heptachlor

R.T.: 4.298 min
Delta R.T.: -0.003 min
Response: 801121649
Conc: 52.92 ng/ml



#4 Heptachlor

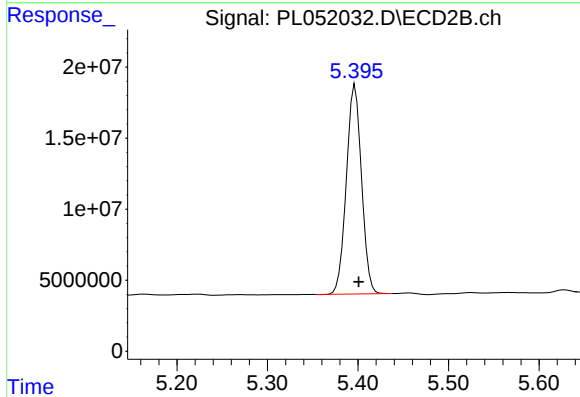
R.T.: 5.095 min
Delta R.T.: -0.004 min
Response: 174980392
Conc: 49.90 ng/ml



#5 Aldrin

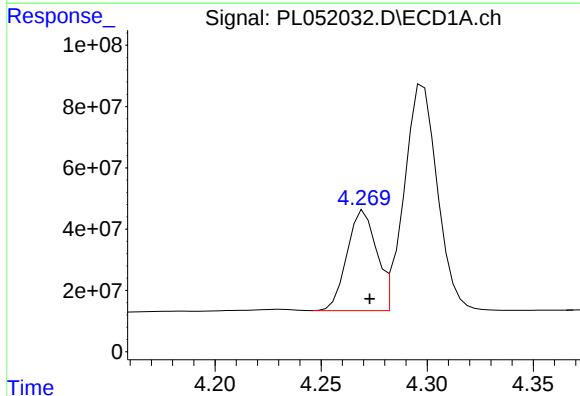
R.T.: 4.536 min
Delta R.T.: -0.003 min
Response: 762220476
Conc: 52.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MSD



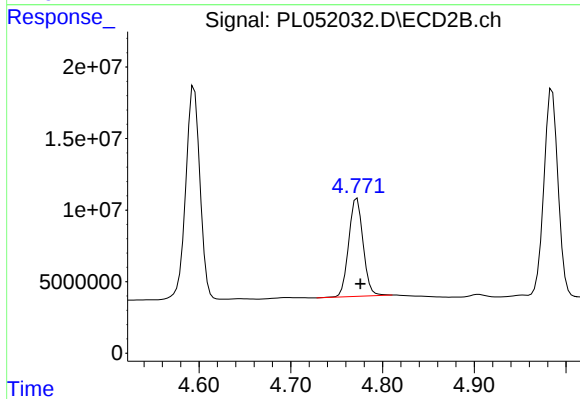
#5 Aldrin

R.T.: 5.397 min
Delta R.T.: -0.004 min
Response: 171715003
Conc: 52.37 ng/ml



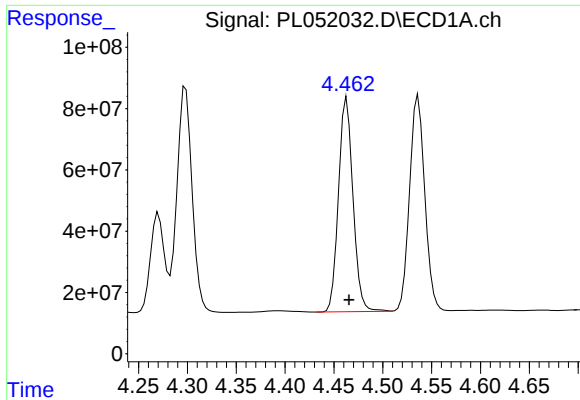
#6 beta-BHC

R.T.: 4.270 min
Delta R.T.: -0.002 min
Response: 315200799
Conc: 55.20 ng/ml



#6 beta-BHC

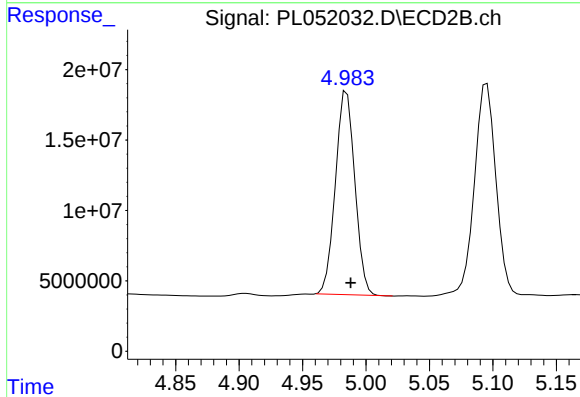
R.T.: 4.772 min
Delta R.T.: -0.004 min
Response: 74548620
Conc: 51.15 ng/ml



#7 delta-BHC

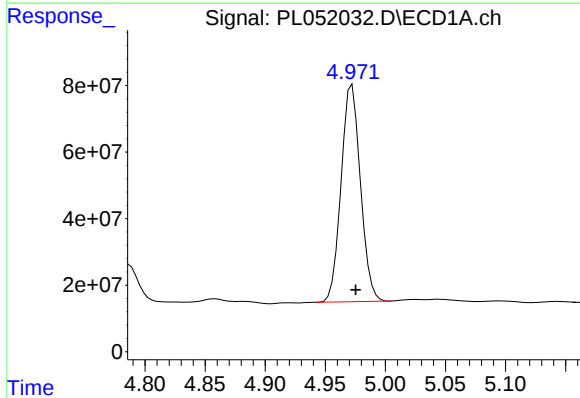
R.T.: 4.463 min
Delta R.T.: -0.002 min
Response: 722450222
Conc: 48.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MSD



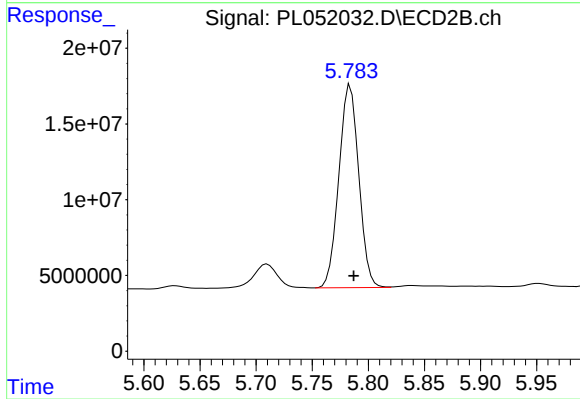
#7 delta-BHC

R.T.: 4.985 min
Delta R.T.: -0.003 min
Response: 153966572
Conc: 49.19 ng/ml



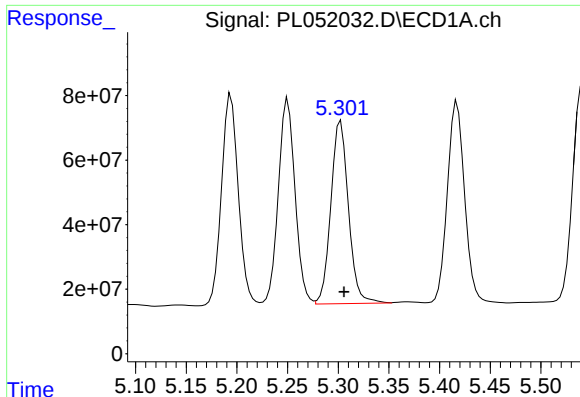
#8 Heptachlor epoxide

R.T.: 4.972 min
Delta R.T.: -0.003 min
Response: 730920045
Conc: 52.26 ng/ml



#8 Heptachlor epoxide

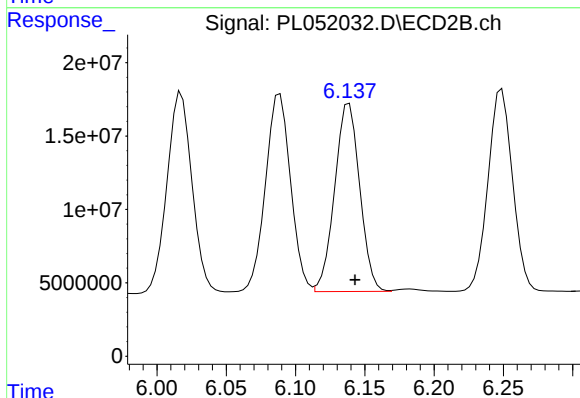
R.T.: 5.784 min
Delta R.T.: -0.003 min
Response: 165280592
Conc: 48.97 ng/ml



#9 Endosulfan I

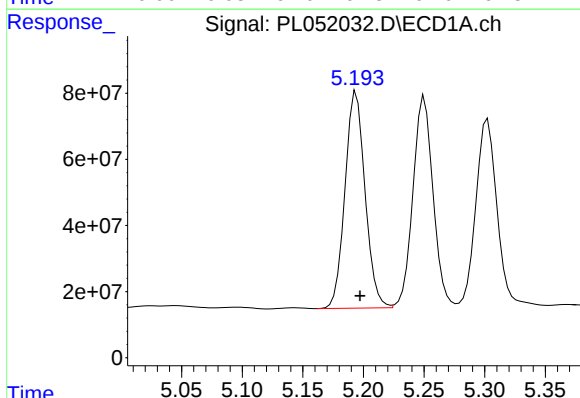
R.T.: 5.303 min
Delta R.T.: -0.003 min
Response: 686173544
Conc: 51.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MSD



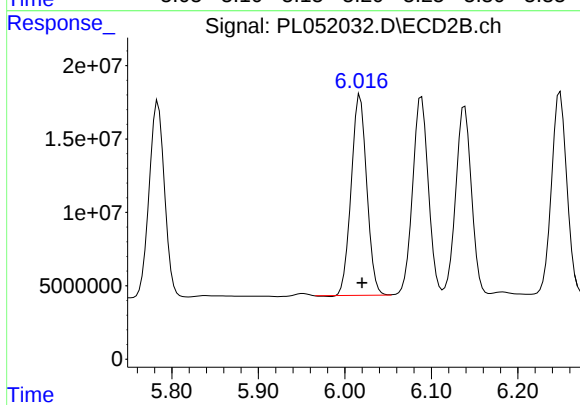
#9 Endosulfan I

R.T.: 6.139 min
Delta R.T.: -0.004 min
Response: 161365840
Conc: 49.91 ng/ml



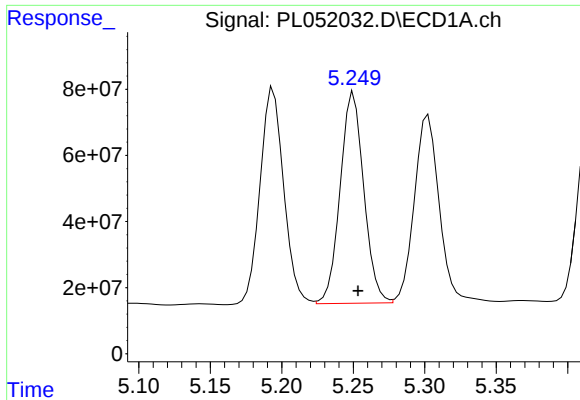
#10 gamma-Chlordane

R.T.: 5.194 min
Delta R.T.: -0.003 min
Response: 754243084
Conc: 50.51 ng/ml



#10 gamma-Chlordane

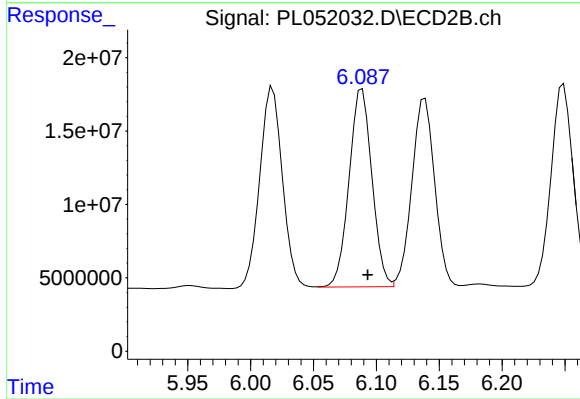
R.T.: 6.018 min
Delta R.T.: -0.003 min
Response: 170140585
Conc: 46.60 ng/ml



#11 alpha-Chlordane

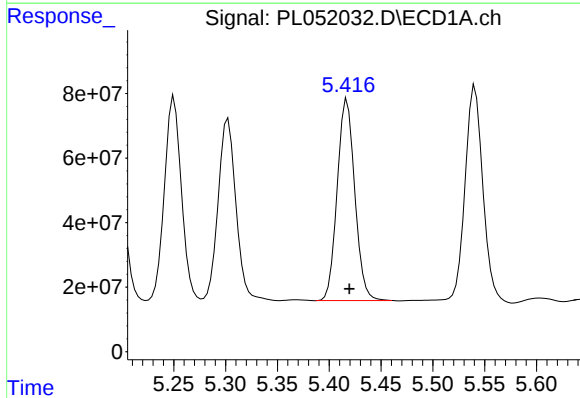
R.T.: 5.250 min
Delta R.T.: -0.003 min
Response: 734926354
Conc: 50.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MSD



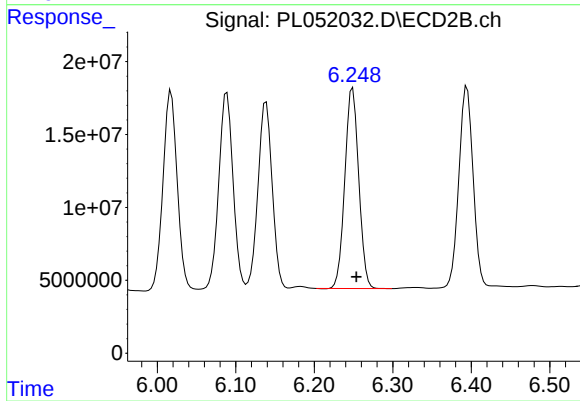
#11 alpha-Chlordane

R.T.: 6.089 min
Delta R.T.: -0.004 min
Response: 170507139
Conc: 49.41 ng/ml



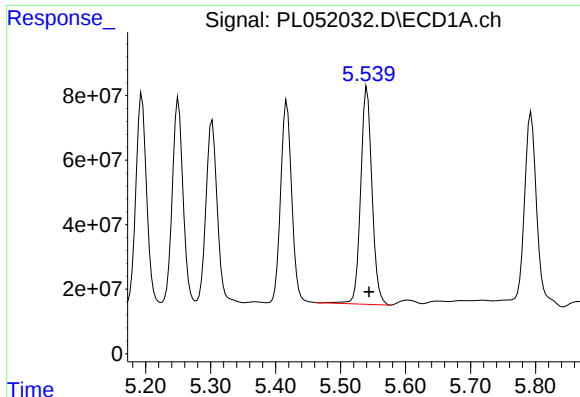
#12 4,4'-DDE

R.T.: 5.417 min
Delta R.T.: -0.002 min
Response: 737833408
Conc: 53.91 ng/ml



#12 4,4'-DDE

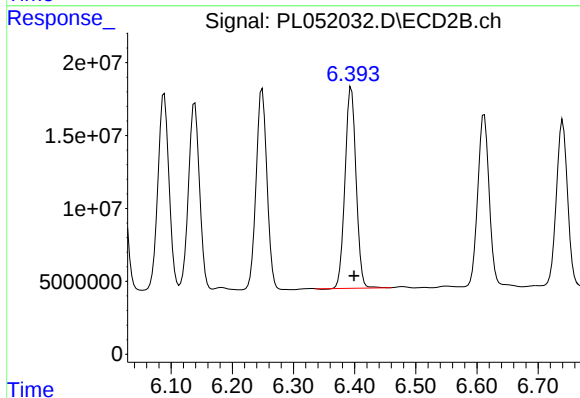
R.T.: 6.249 min
Delta R.T.: -0.004 min
Response: 169604090
Conc: 48.18 ng/ml



#13 Dieldrin

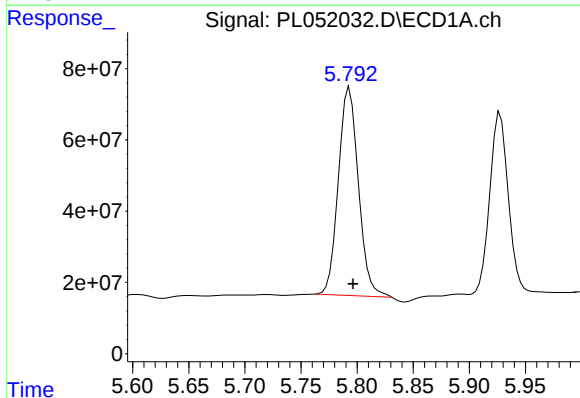
R.T.: 5.541 min
Delta R.T.: -0.003 min
Response: 810550525
Conc: 53.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MSD



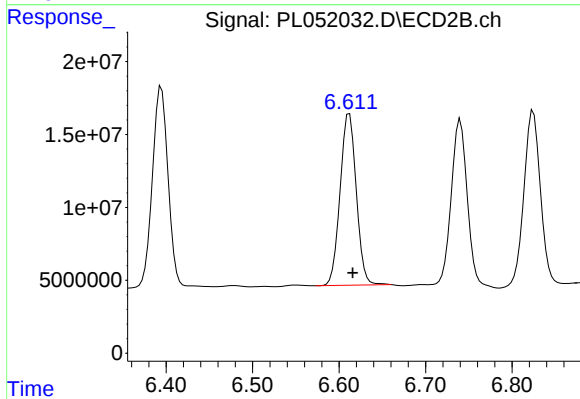
#13 Dieldrin

R.T.: 6.395 min
Delta R.T.: -0.005 min
Response: 173175882
Conc: 50.57 ng/ml



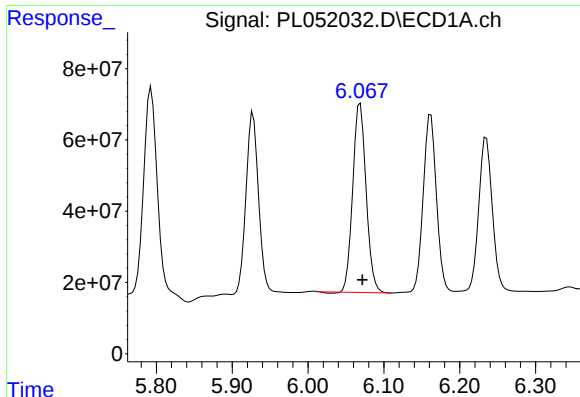
#14 Endrin

R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 726028151
Conc: 49.78 ng/ml



#14 Endrin

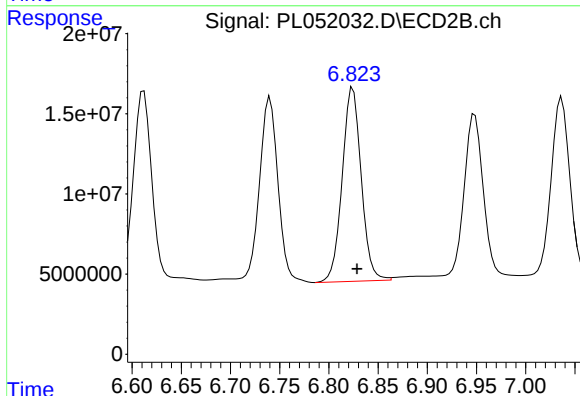
R.T.: 6.612 min
Delta R.T.: -0.004 min
Response: 152259842
Conc: 50.34 ng/ml



#15 Endosulfan II

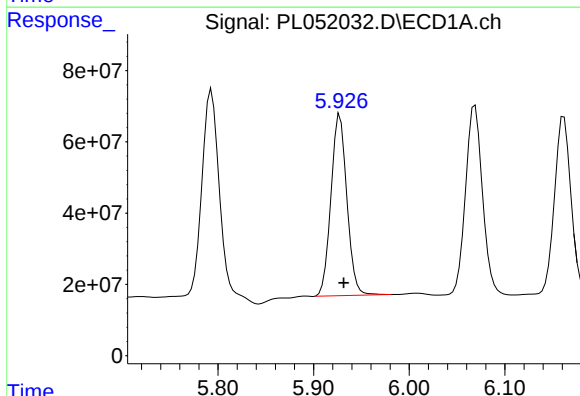
R.T.: 6.069 min
Delta R.T.: -0.003 min
Response: 648716793
Conc: 46.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MSD



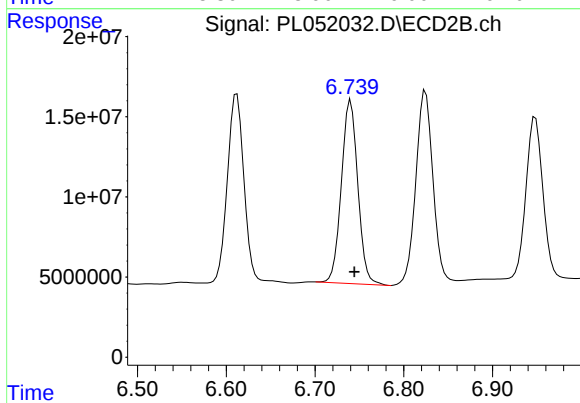
#15 Endosulfan II

R.T.: 6.824 min
Delta R.T.: -0.004 min
Response: 162621719
Conc: 49.34 ng/ml



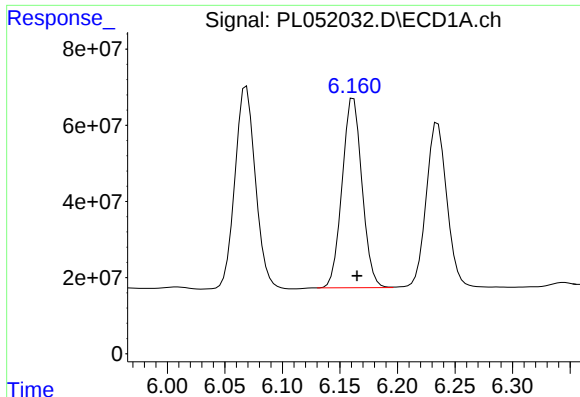
#16 4,4'-DDD

R.T.: 5.928 min
Delta R.T.: -0.004 min
Response: 588067524
Conc: 48.02 ng/ml



#16 4,4'-DDD

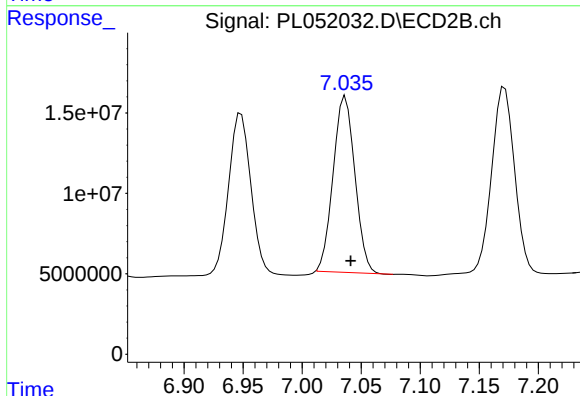
R.T.: 6.740 min
Delta R.T.: -0.004 min
Response: 147501823
Conc: 54.48 ng/ml



#17 4,4'-DDT

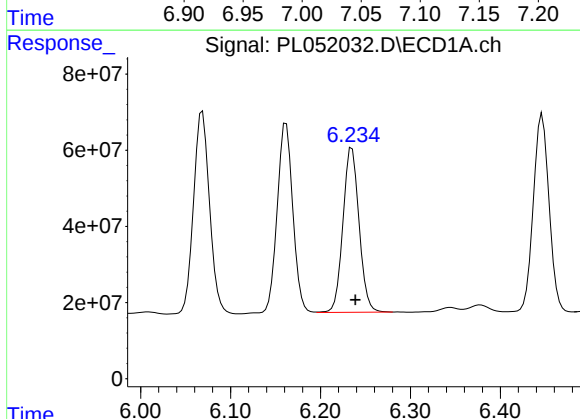
R.T.: 6.162 min
Delta R.T.: -0.003 min
Response: 600797024
Conc: 47.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MSD



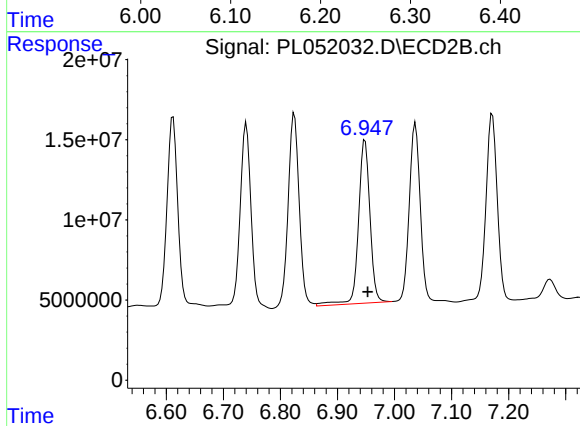
#17 4,4'-DDT

R.T.: 7.037 min
Delta R.T.: -0.004 min
Response: 140410421
Conc: 47.96 ng/ml



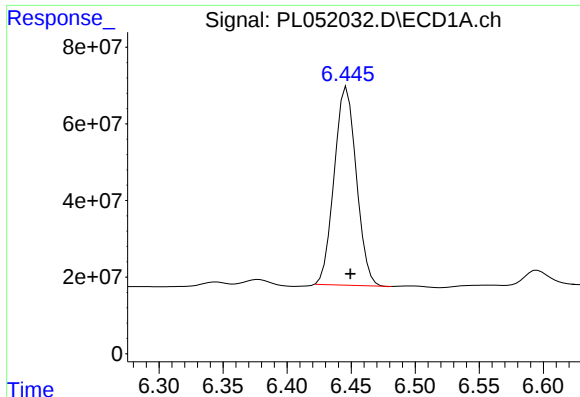
#18 Endrin aldehyde

R.T.: 6.235 min
Delta R.T.: -0.004 min
Response: 537832684
Conc: 46.23 ng/ml



#18 Endrin aldehyde

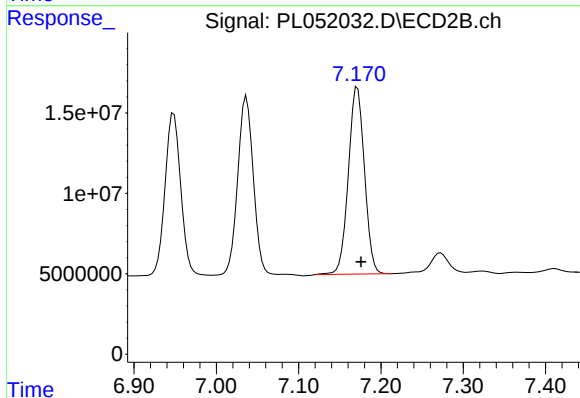
R.T.: 6.948 min
Delta R.T.: -0.005 min
Response: 141920844
Conc: 50.22 ng/ml



#19 Endosulfan Sulfate

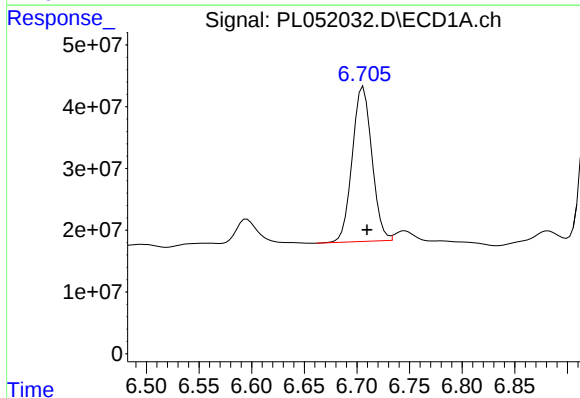
R.T.: 6.447 min
Delta R.T.: -0.003 min
Response: 621480210
Conc: 47.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MSD



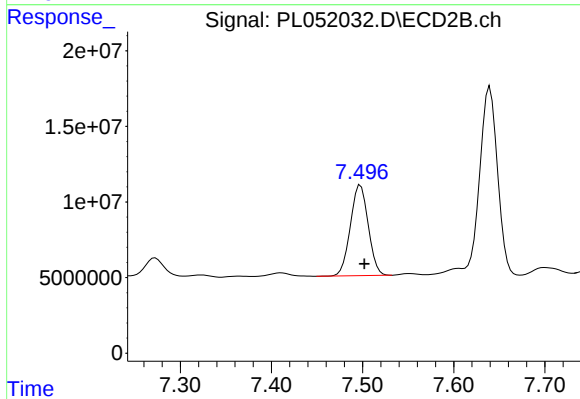
#19 Endosulfan Sulfate

R.T.: 7.172 min
Delta R.T.: -0.004 min
Response: 158172712
Conc: 51.22 ng/ml



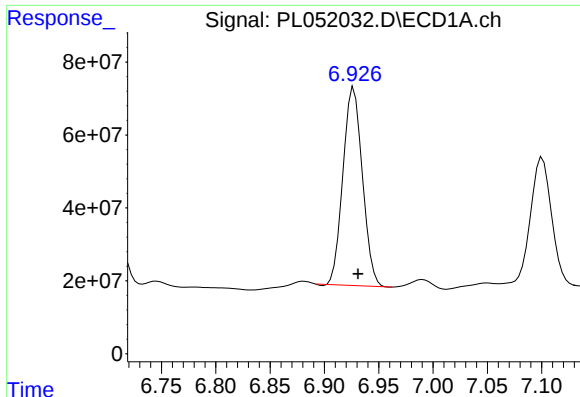
#20 Methoxychlor

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 325796091
Conc: 48.05 ng/ml



#20 Methoxychlor

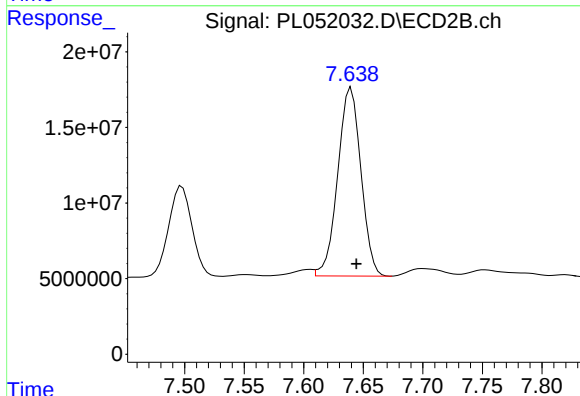
R.T.: 7.498 min
Delta R.T.: -0.004 min
Response: 81548099
Conc: 48.62 ng/ml



#21 Endrin ketone

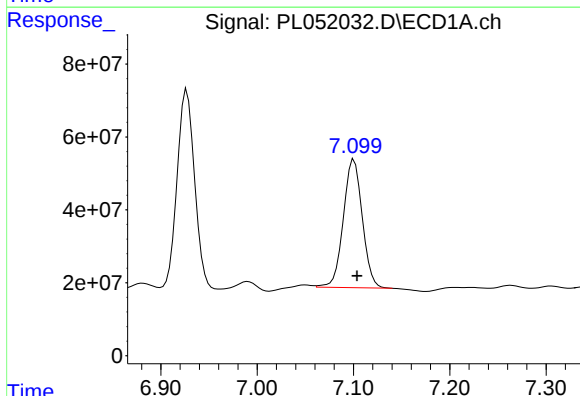
R.T.: 6.927 min
Delta R.T.: -0.004 min
Response: 676715666
Conc: 47.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MSD



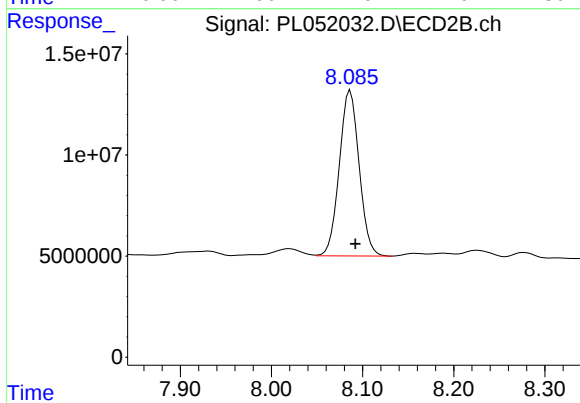
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.004 min
Response: 168896786
Conc: 52.79 ng/ml



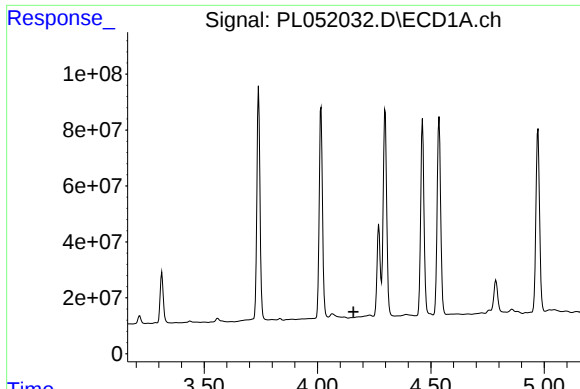
#22 Mirex

R.T.: 7.101 min
Delta R.T.: -0.003 min
Response: 480243039
Conc: 45.36 ng/ml



#22 Mirex

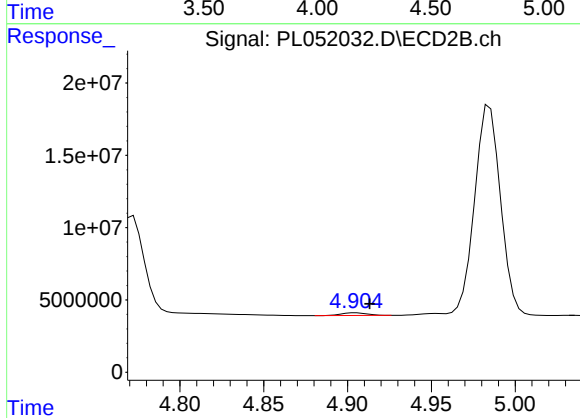
R.T.: 8.087 min
Delta R.T.: -0.006 min
Response: 123731738
Conc: 50.86 ng/ml



#23 Chlordane-1

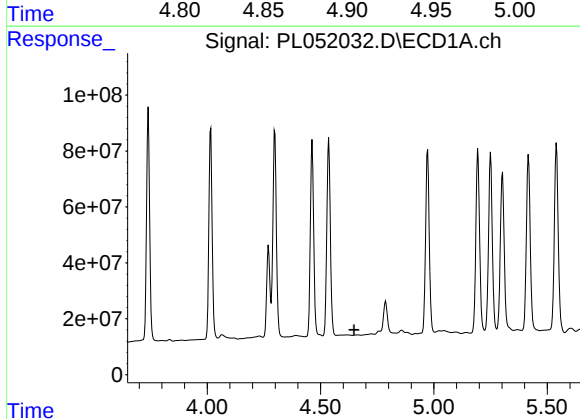
R.T.: 0.000 min
Exp R.T. : 4.159 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MSD



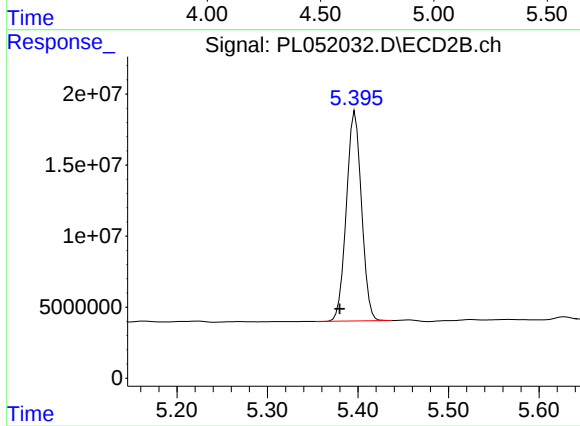
#23 Chlordane-1

R.T.: 4.905 min
Delta R.T.: -0.008 min
Response: 1947112
Conc: 21.47 ng/ml



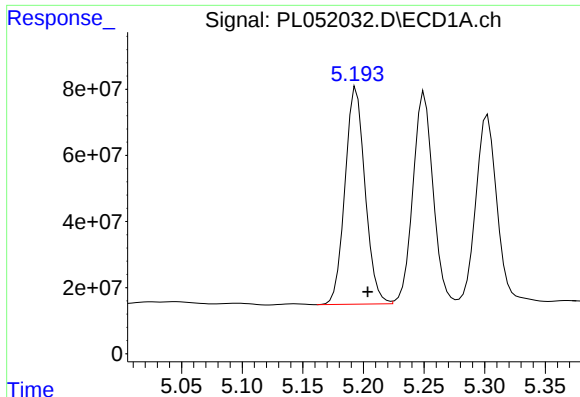
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.649 min
Response: 0
Conc: N.D.



#24 Chlordane-2

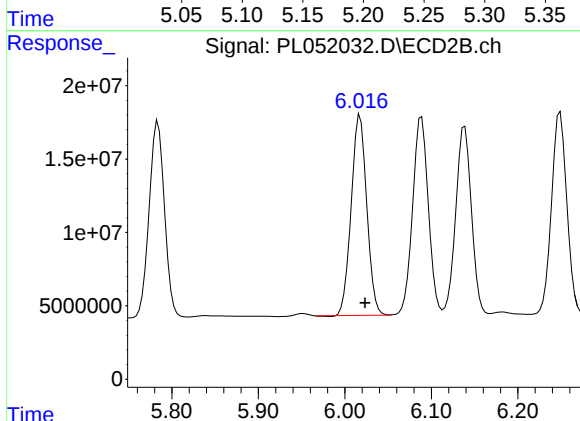
R.T.: 5.397 min
Delta R.T.: 0.017 min
Response: 171715003
Conc: 1710.81 ng/ml



#25 Chlordane-3

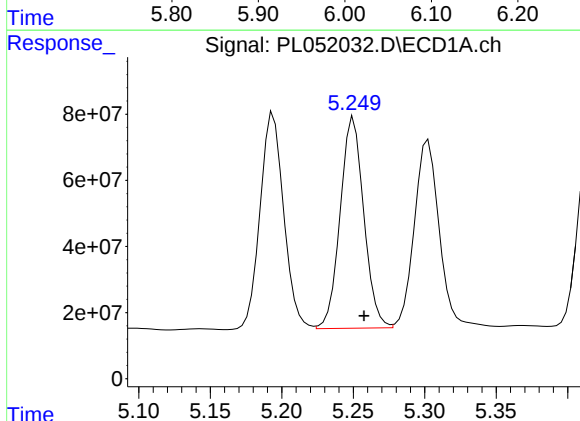
R.T.: 5.194 min
Delta R.T.: -0.009 min
Response: 754243084
Conc: 580.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MSD



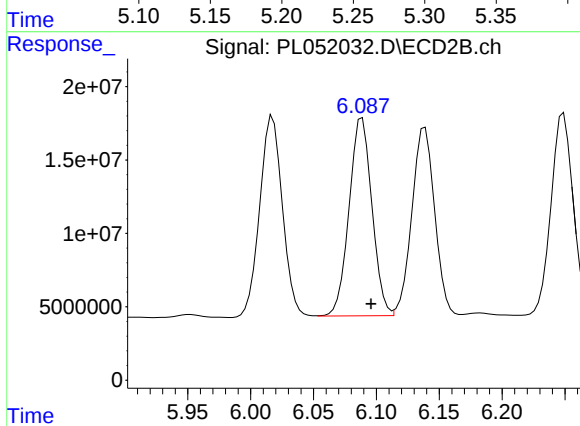
#25 Chlordane-3

R.T.: 6.018 min
Delta R.T.: -0.006 min
Response: 170140585
Conc: 381.88 ng/ml



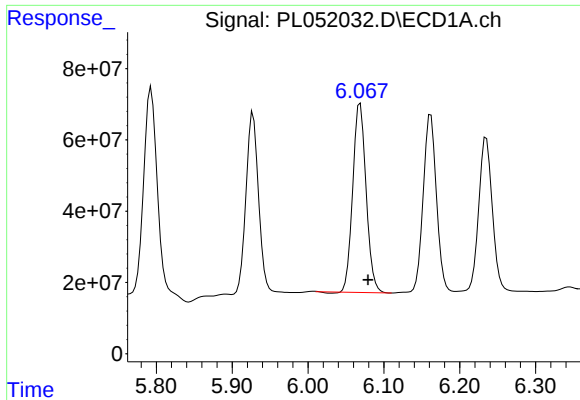
#26 Chlordane-4

R.T.: 5.250 min
Delta R.T.: -0.007 min
Response: 734926354
Conc: 602.72 ng/ml



#26 Chlordane-4

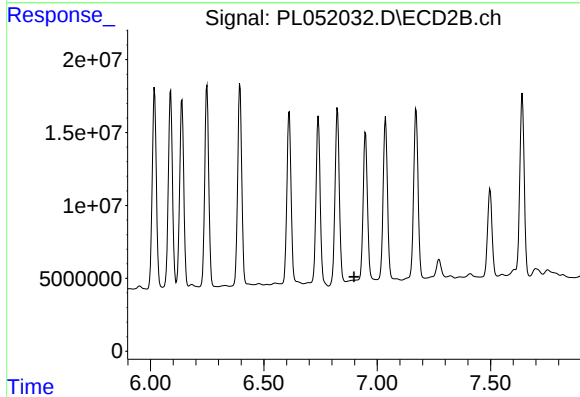
R.T.: 6.089 min
Delta R.T.: -0.007 min
Response: 170507139
Conc: 313.94 ng/ml



#27 Chlordane-5

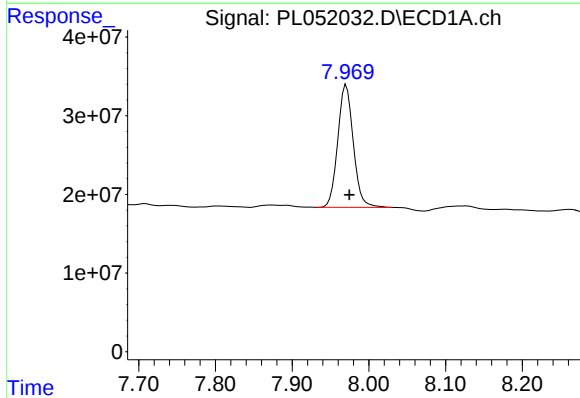
R.T.: 6.069 min
Delta R.T.: -0.010 min
Response: 648716793
Conc: 1321.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-5-(5-7)MSD



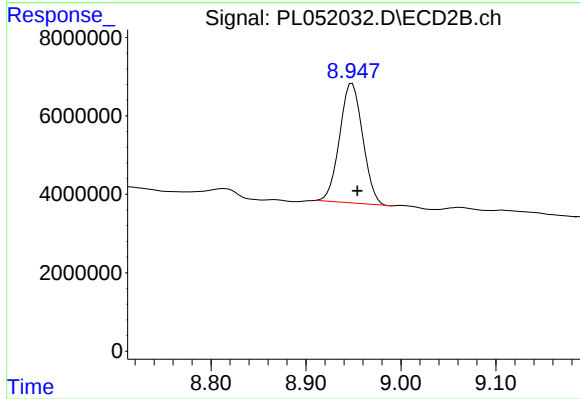
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.898 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.970 min
Delta R.T.: -0.004 min
Response: 219545064
Conc: 18.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.949 min
Delta R.T.: -0.005 min
Response: 51600486
Conc: 16.95 ng/ml