

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092619\
 Data File : PL052765.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2019 17:52
 Operator : SG\AJ
 Sample : K5021-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RT-1488-RBR200031-RBR200036M

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 00:50:39 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...	3.550	4.048	204.0E6	54754780	26.163	25.129
28)	SA Decachlor...	8.350	9.127	188.7E6	51395552	21.577	21.463
Target Compounds							
2)	A alpha-BHC	3.995	4.439	947.9E6	209.7E6	78.842	68.595
3)	MA gamma-BHC...	4.282	4.725	870.7E6	222.6E6	76.958	77.077
4)	MA Heptachlor	4.592	5.235	906.3E6	229.5E6	80.207	78.194
5)	MB Aldrin	4.844	5.541	875.6E6	211.5E6	81.087	79.833
6)	B beta-BHC	4.533	4.894	461.5E6	95792920	94.295	71.827
7)	B delta-BHC	4.741	5.111	823.0E6	224.4E6	72.830	78.389
8)	B Heptachlo...	5.290	5.927	765.1E6	197.0E6	74.881	75.139
9)	A Endosulfan I	5.635	6.283	723.8E6	172.0E6	74.195	73.771
10)	B gamma-Chl...	5.520	6.160	797.9E6	197.1E6	75.127	77.493
11)	B alpha-Chl...	5.579	6.233	764.7E6	189.8E6	73.976	75.988
12)	B 4,4'-DDE	5.743	6.388	912.8E6	220.1E6	97.828	90.270
13)	MA Dieldrin	5.879	6.540	794.8E6	196.2E6	76.678	80.349
14)	MA Endrin	6.138	6.758	691.6E6	150.8E6	83.648	77.898
15)	B Endosulfa...	6.411	6.966	656.4E6	160.6E6	67.673	71.941
16)	A 4,4'-DDD	6.261	6.878	582.8E6	153.5E6	76.090	83.316
17)	MA 4,4'-DDT	6.504	7.176	706.8E6	173.2E6	91.068	94.687
18)	B Endrin al...	6.579	7.090	604.0E6	135.3E6	78.122	72.946
19)	B Endosulfa...	6.793	7.313	622.8E6	156.0E6	75.082	75.952
20)	A Methoxychlor	7.051	7.634	327.5E6	79027463	81.014	77.989
21)	B Endrin ke...	7.288	7.784	646.0E6	162.9E6	62.217	73.334
22)	Mirex	7.484	8.240	495.0E6	120.7E6	64.719	70.526
23)	Chlordane-1	4.436	0.000	11849054	0	44.046	N.D. #
25)	Chlordane-3	5.520	6.160	797.9E6	197.1E6	824.694	644.316
26)	Chlordane-4	5.579	6.233	764.7E6	189.8E6	971.749	493.541 #
27)	Chlordane-5	6.411f	0.000	656.4E6	0	2131.657	N.D. #

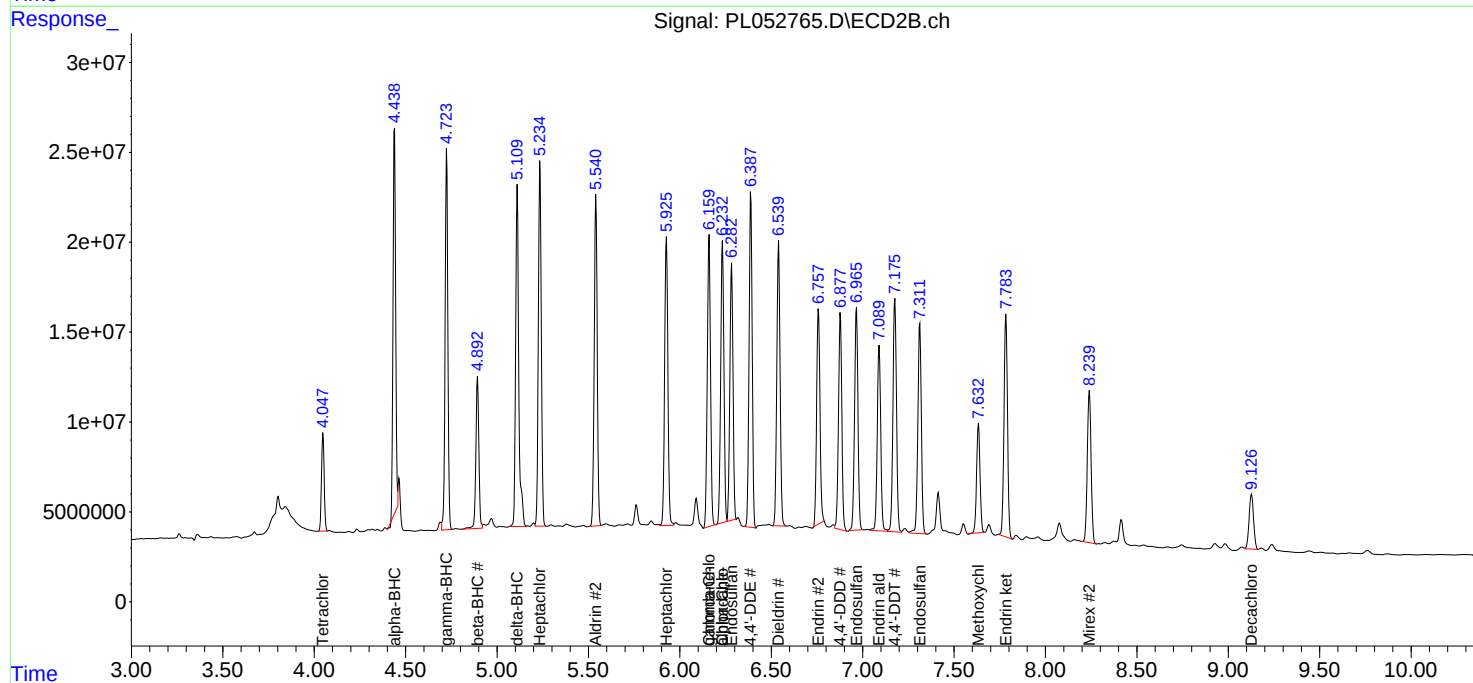
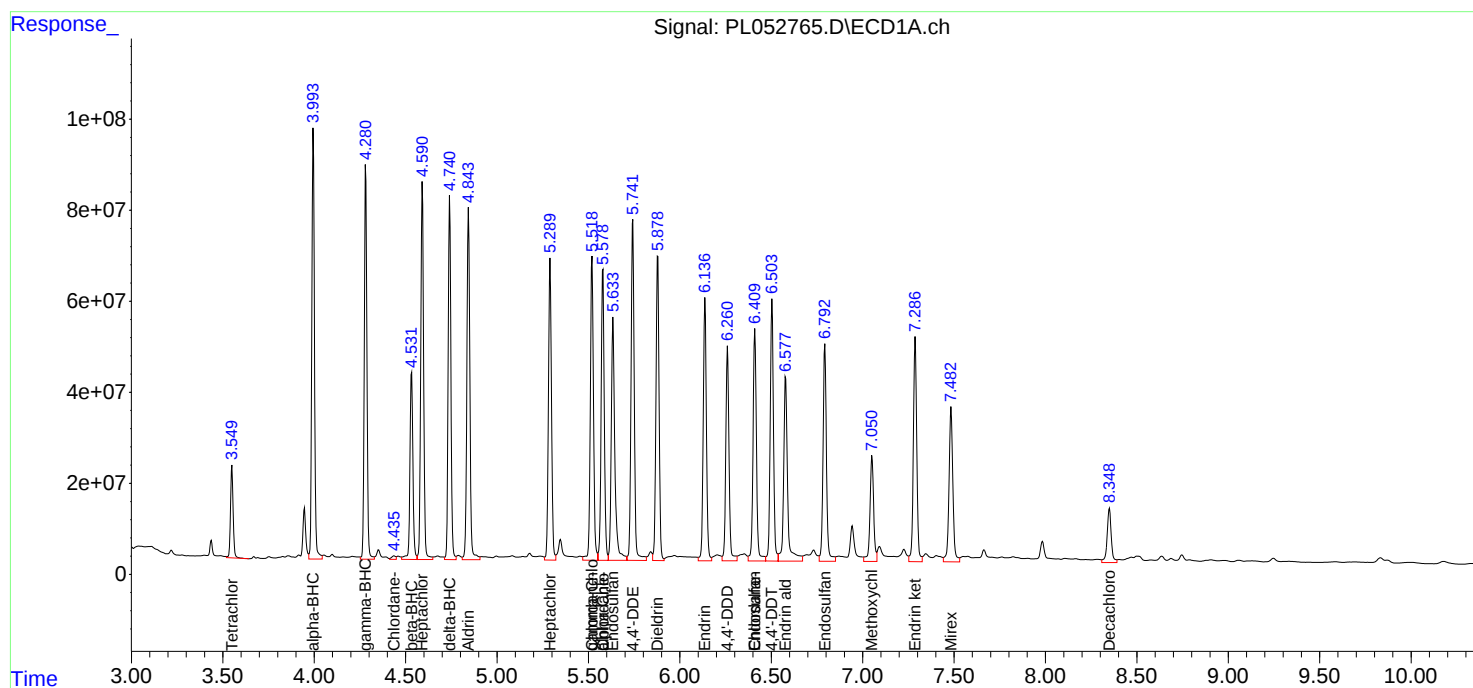
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

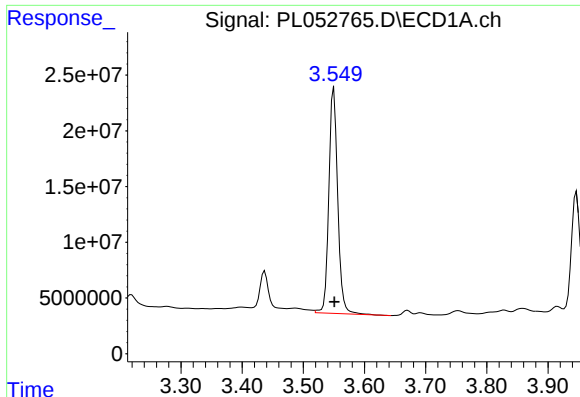
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092619\
Data File : PL052765.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Sep 2019 17:52
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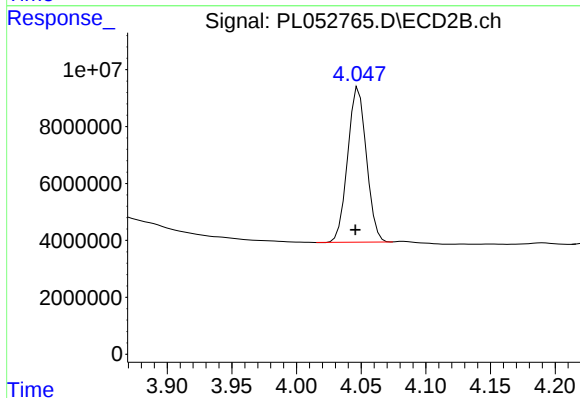




#1 Tetrachloro-m-xylene

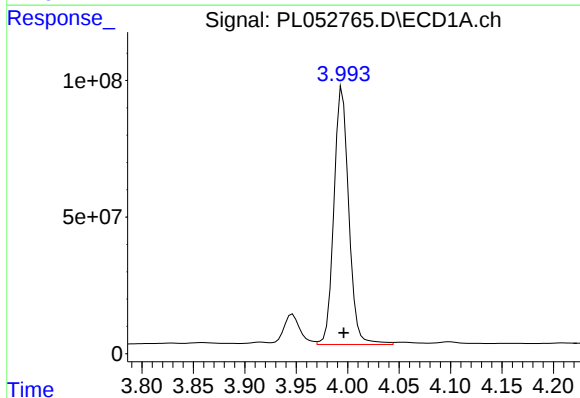
R.T.: 3.550 min
Delta R.T.: -0.001 min
Response: 204014827
Conc: 26.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



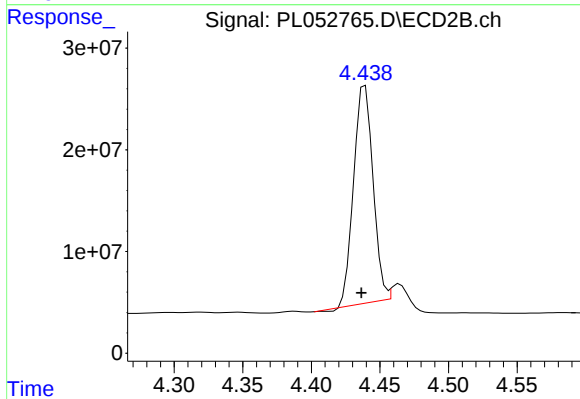
#1 Tetrachloro-m-xylene

R.T.: 4.048 min
Delta R.T.: 0.003 min
Response: 54754780
Conc: 25.13 ng/ml



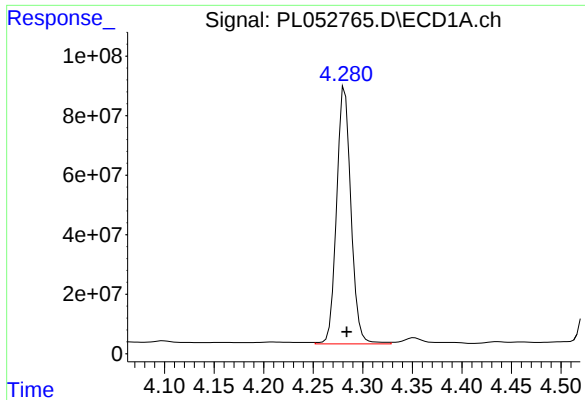
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: -0.001 min
Response: 947880318
Conc: 78.84 ng/ml



#2 alpha-BHC

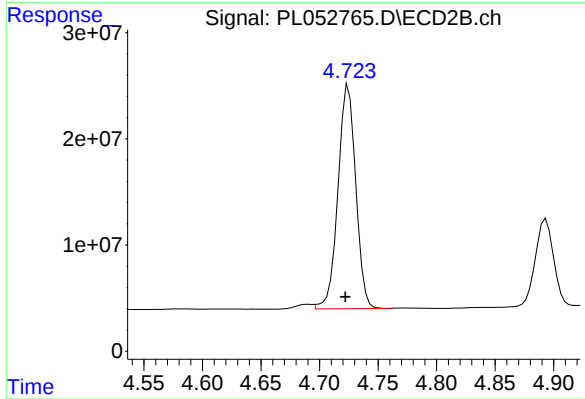
R.T.: 4.439 min
Delta R.T.: 0.003 min
Response: 209667340
Conc: 68.59 ng/ml



#3 gamma-BHC (Lindane)

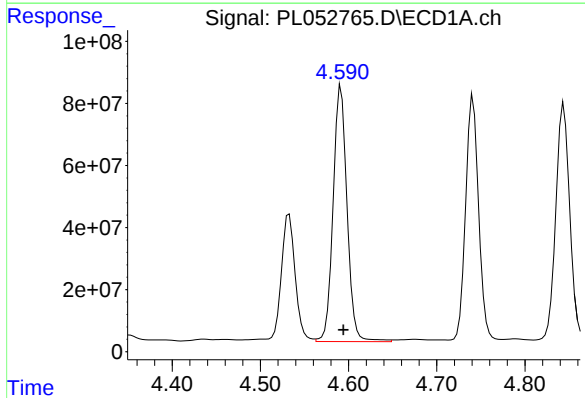
R.T.: 4.282 min
Delta R.T.: -0.002 min
Response: 870723992
Conc: 76.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



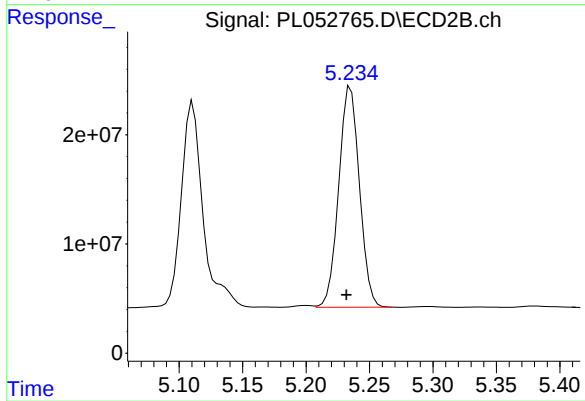
#3 gamma-BHC (Lindane)

R.T.: 4.725 min
Delta R.T.: 0.003 min
Response: 222559408
Conc: 77.08 ng/ml



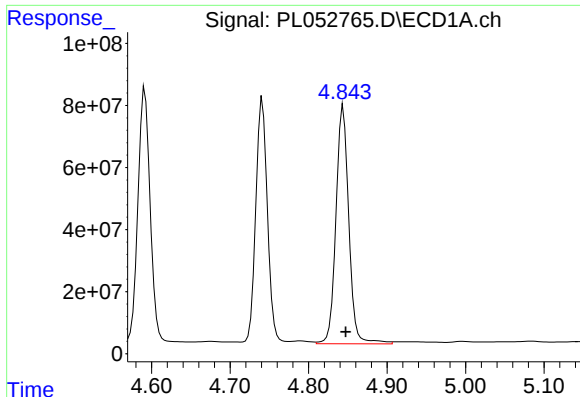
#4 Heptachlor

R.T.: 4.592 min
Delta R.T.: -0.003 min
Response: 906268613
Conc: 80.21 ng/ml



#4 Heptachlor

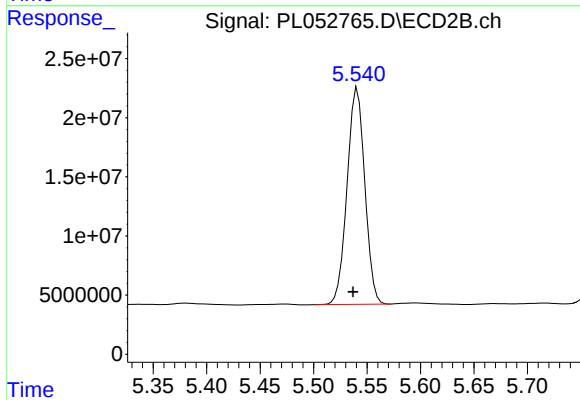
R.T.: 5.235 min
Delta R.T.: 0.003 min
Response: 229484579
Conc: 78.19 ng/ml



#5 Aldrin

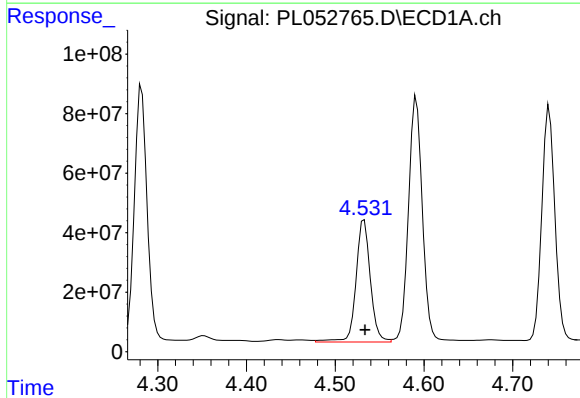
R.T.: 4.844 min
Delta R.T.: -0.003 min
Response: 875619970
Conc: 81.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



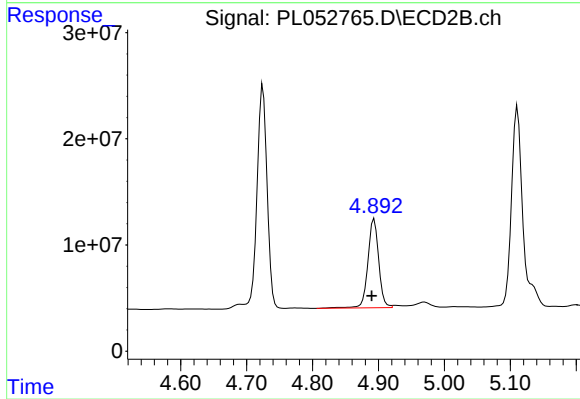
#5 Aldrin

R.T.: 5.541 min
Delta R.T.: 0.004 min
Response: 211458897
Conc: 79.83 ng/ml



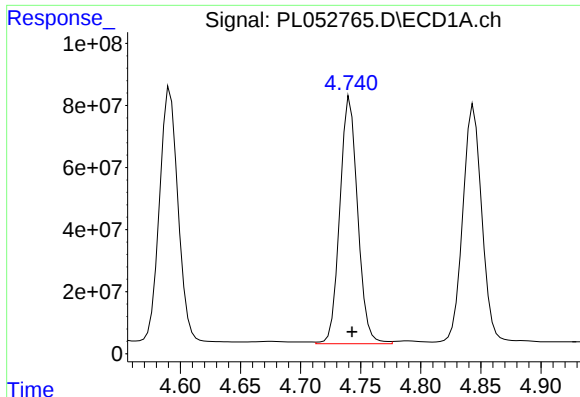
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: -0.001 min
Response: 461464447
Conc: 94.30 ng/ml



#6 beta-BHC

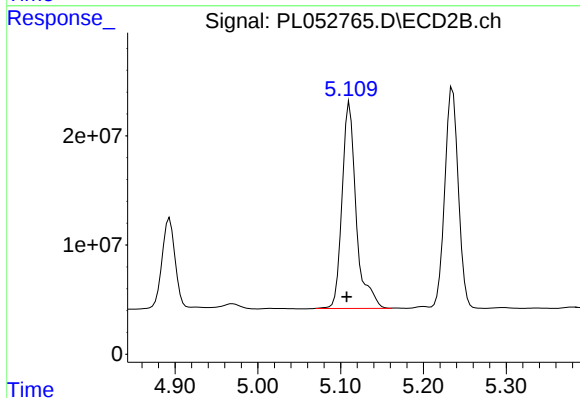
R.T.: 4.894 min
Delta R.T.: 0.004 min
Response: 95792920
Conc: 71.83 ng/ml



#7 delta-BHC

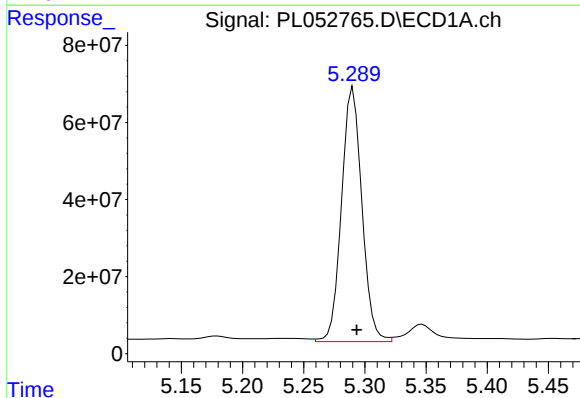
R.T.: 4.741 min
Delta R.T.: -0.002 min
Response: 823015495
Conc: 72.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



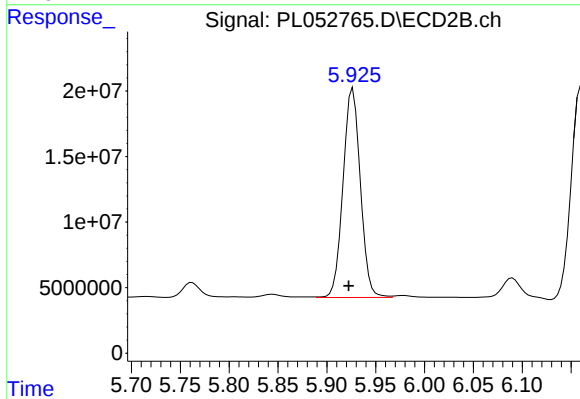
#7 delta-BHC

R.T.: 5.111 min
Delta R.T.: 0.003 min
Response: 224414211
Conc: 78.39 ng/ml



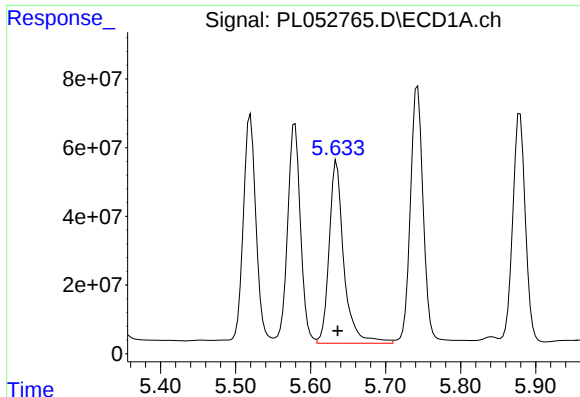
#8 Heptachlor epoxide

R.T.: 5.290 min
Delta R.T.: -0.003 min
Response: 765078747
Conc: 74.88 ng/ml



#8 Heptachlor epoxide

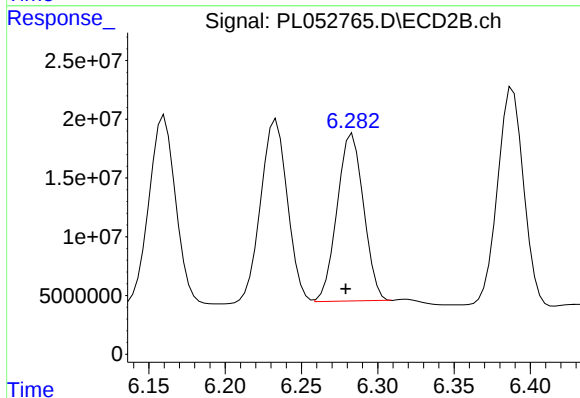
R.T.: 5.927 min
Delta R.T.: 0.004 min
Response: 197049675
Conc: 75.14 ng/ml



#9 Endosulfan I

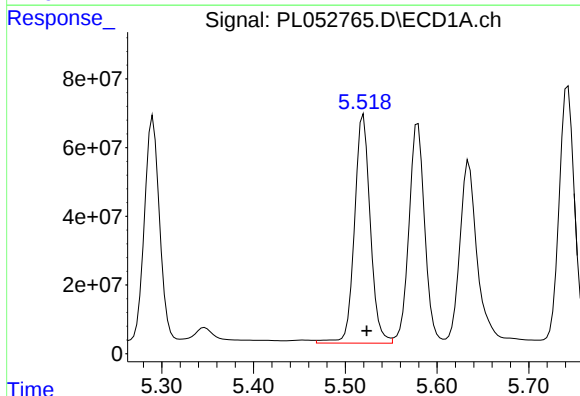
R.T.: 5.635 min
Delta R.T.: -0.002 min
Response: 723814838
Conc: 74.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



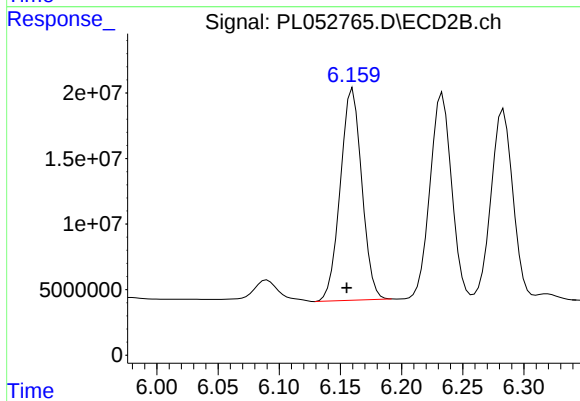
#9 Endosulfan I

R.T.: 6.283 min
Delta R.T.: 0.004 min
Response: 171975918
Conc: 73.77 ng/ml



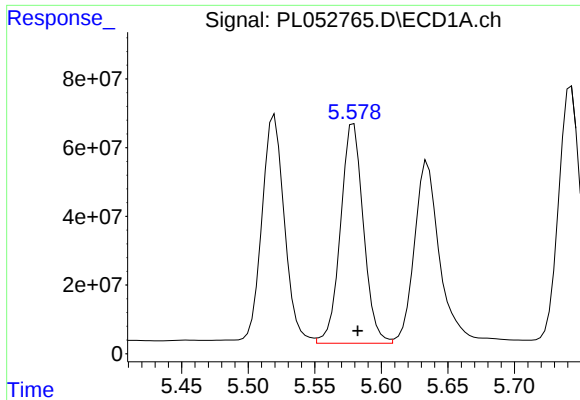
#10 gamma-Chlordane

R.T.: 5.520 min
Delta R.T.: -0.003 min
Response: 797857664
Conc: 75.13 ng/ml



#10 gamma-Chlordane

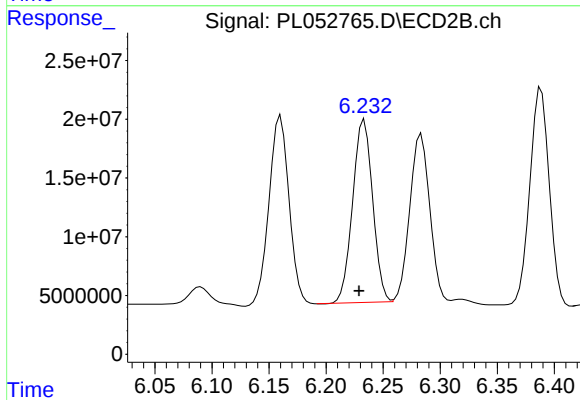
R.T.: 6.160 min
Delta R.T.: 0.005 min
Response: 197140632
Conc: 77.49 ng/ml



#11 alpha-Chlordane

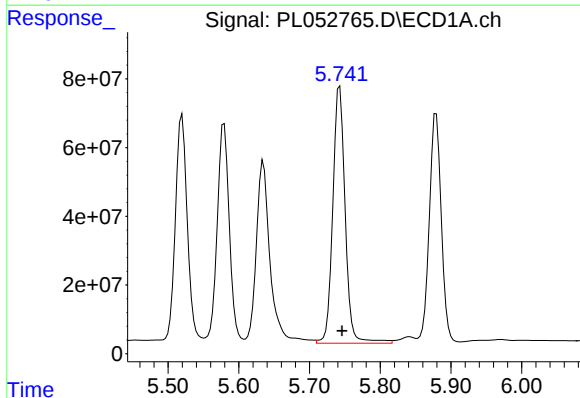
R.T.: 5.579 min
Delta R.T.: -0.003 min
Response: 764712570
Conc: 73.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



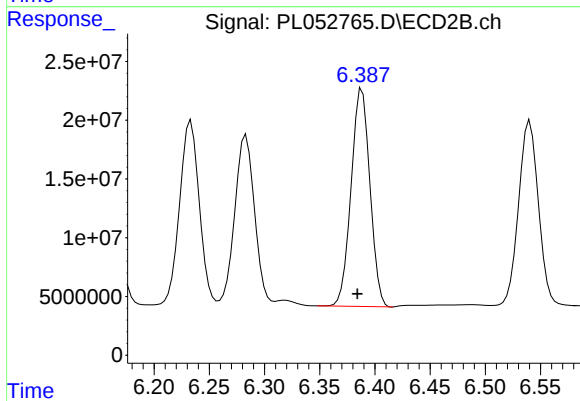
#11 alpha-Chlordane

R.T.: 6.233 min
Delta R.T.: 0.005 min
Response: 189821636
Conc: 75.99 ng/ml



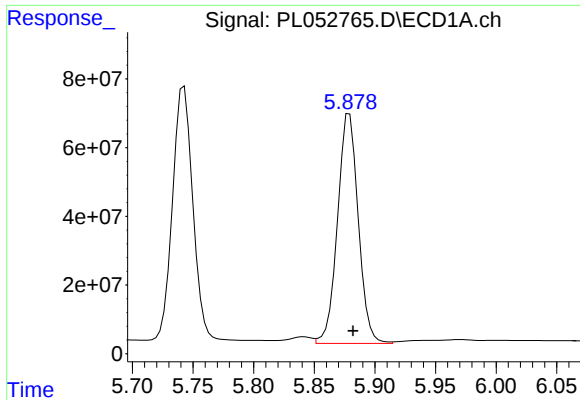
#12 4,4'-DDE

R.T.: 5.743 min
Delta R.T.: -0.003 min
Response: 912840616
Conc: 97.83 ng/ml



#12 4,4'-DDE

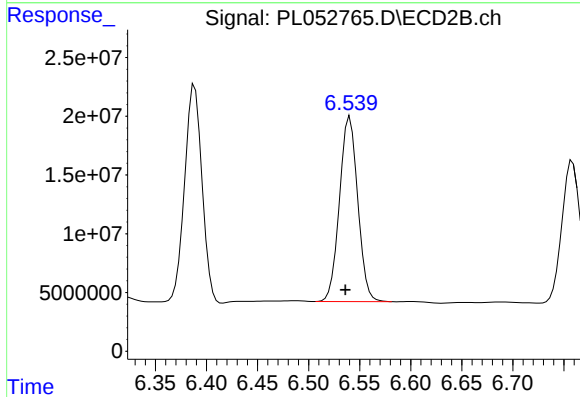
R.T.: 6.388 min
Delta R.T.: 0.004 min
Response: 220078045
Conc: 90.27 ng/ml



#13 Dieldrin

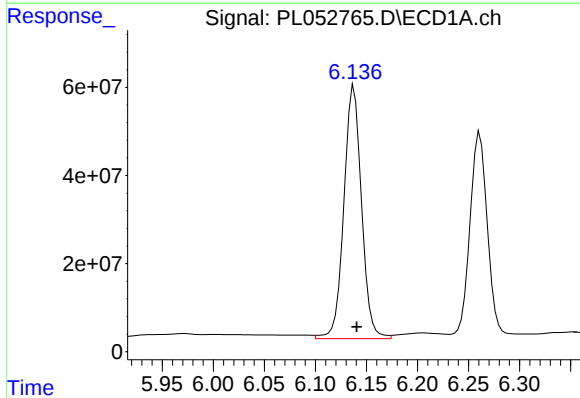
R.T.: 5.879 min
Delta R.T.: -0.003 min
Response: 794845779
Conc: 76.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



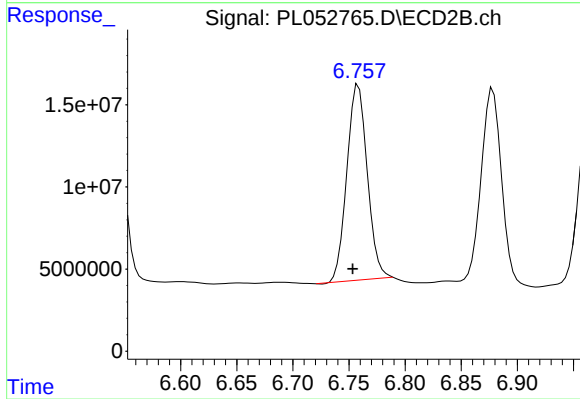
#13 Dieldrin

R.T.: 6.540 min
Delta R.T.: 0.004 min
Response: 196220123
Conc: 80.35 ng/ml



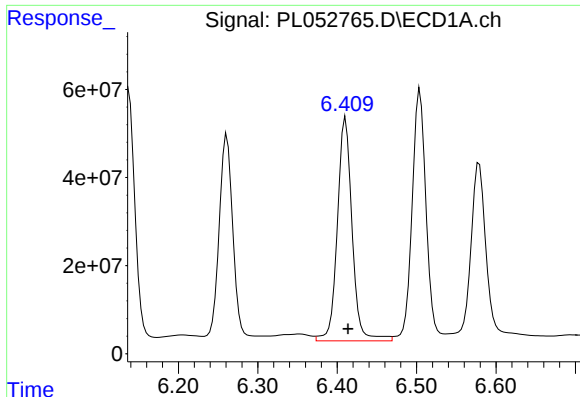
#14 Endrin

R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 691577941
Conc: 83.65 ng/ml



#14 Endrin

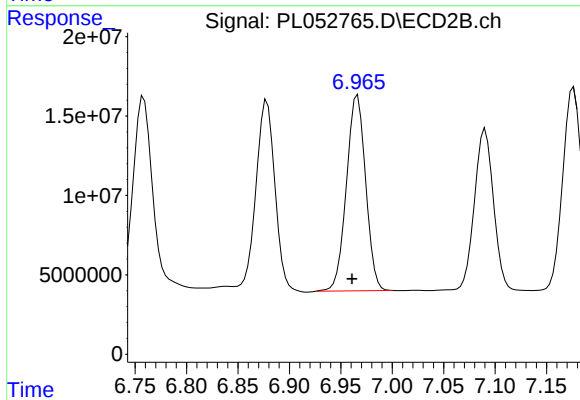
R.T.: 6.758 min
Delta R.T.: 0.005 min
Response: 150777113
Conc: 77.90 ng/ml



#15 Endosulfan II

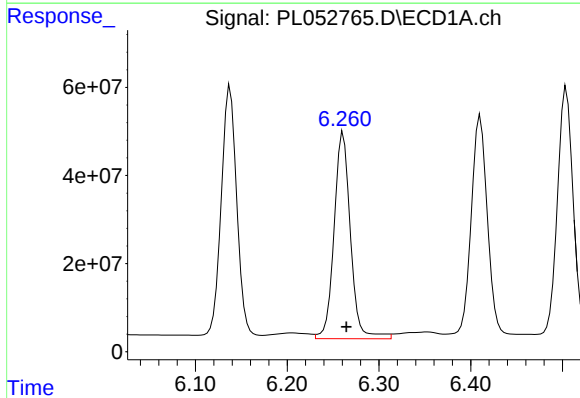
R.T.: 6.411 min
Delta R.T.: -0.003 min
Response: 656424005
Conc: 67.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



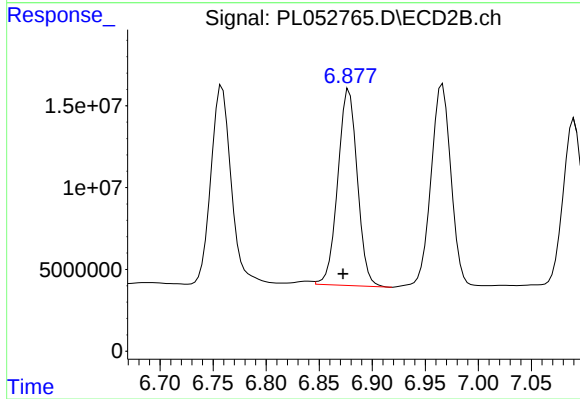
#15 Endosulfan II

R.T.: 6.966 min
Delta R.T.: 0.006 min
Response: 160586120
Conc: 71.94 ng/ml



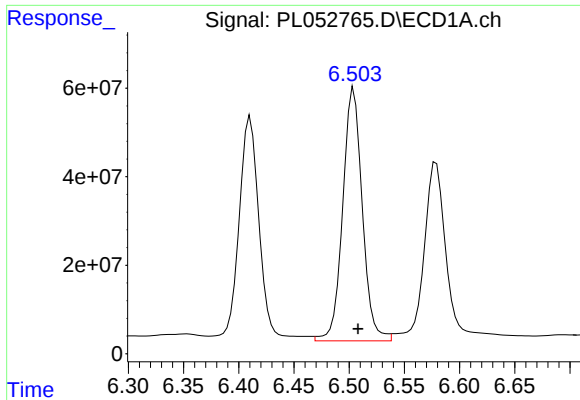
#16 4,4'-DDD

R.T.: 6.261 min
Delta R.T.: -0.003 min
Response: 582771970
Conc: 76.09 ng/ml



#16 4,4'-DDD

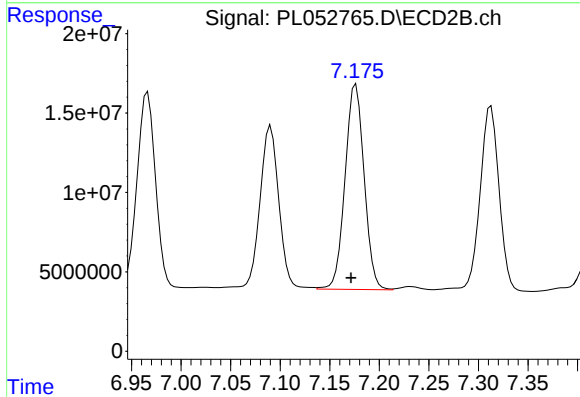
R.T.: 6.878 min
Delta R.T.: 0.006 min
Response: 153450188
Conc: 83.32 ng/ml



#17 4,4'-DDT

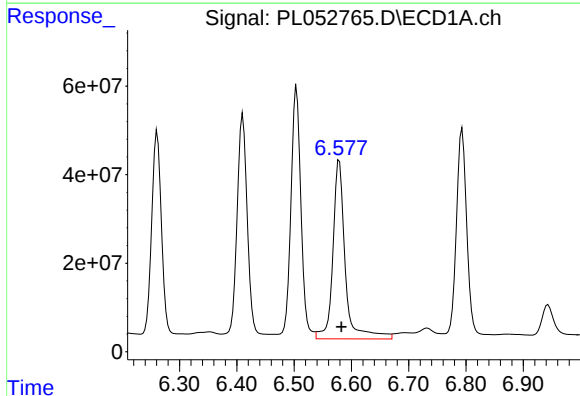
R.T.: 6.504 min
Delta R.T.: -0.004 min
Response: 706801343
Conc: 91.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



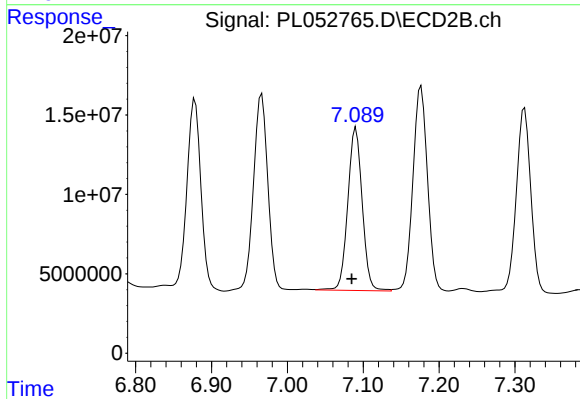
#17 4,4'-DDT

R.T.: 7.176 min
Delta R.T.: 0.005 min
Response: 173190354
Conc: 94.69 ng/ml



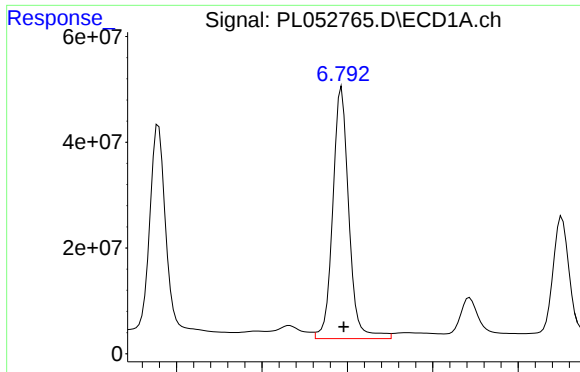
#18 Endrin aldehyde

R.T.: 6.579 min
Delta R.T.: -0.004 min
Response: 604022104
Conc: 78.12 ng/ml



#18 Endrin aldehyde

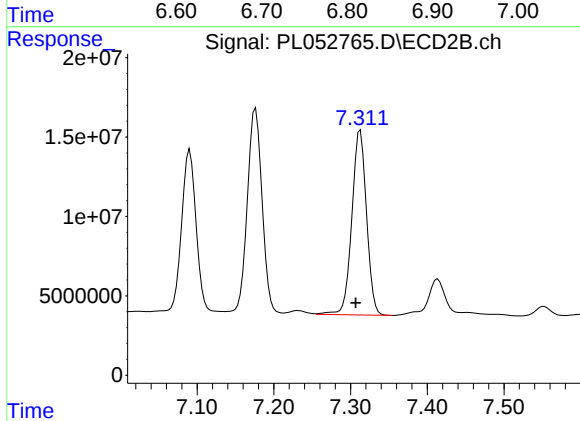
R.T.: 7.090 min
Delta R.T.: 0.006 min
Response: 135317349
Conc: 72.95 ng/ml



#19 Endosulfan Sulfate

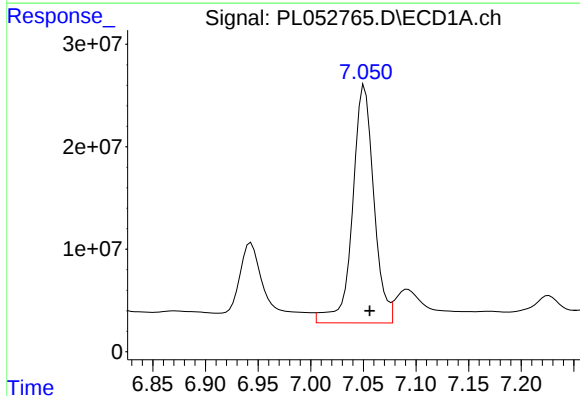
R.T.: 6.793 min
Delta R.T.: -0.003 min
Response: 622799919
Conc: 75.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



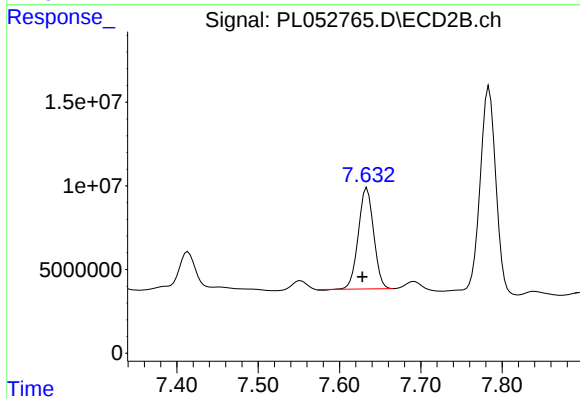
#19 Endosulfan Sulfate

R.T.: 7.313 min
Delta R.T.: 0.006 min
Response: 155997506
Conc: 75.95 ng/ml



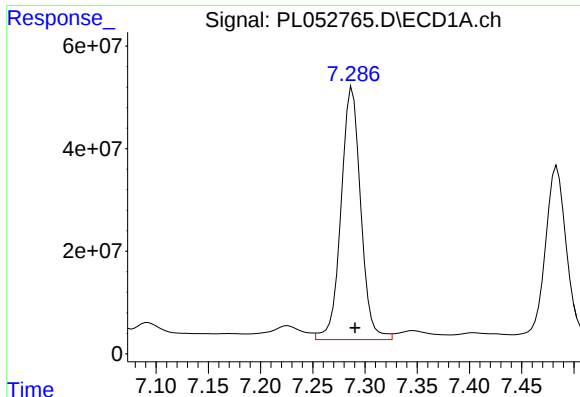
#20 Methoxychlor

R.T.: 7.051 min
Delta R.T.: -0.005 min
Response: 327542558
Conc: 81.01 ng/ml



#20 Methoxychlor

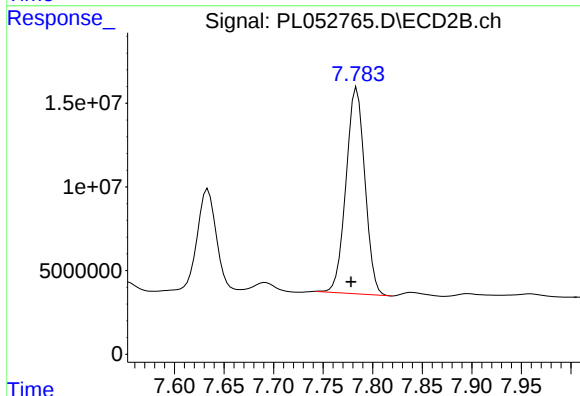
R.T.: 7.634 min
Delta R.T.: 0.006 min
Response: 79027463
Conc: 77.99 ng/ml



#21 Endrin ketone

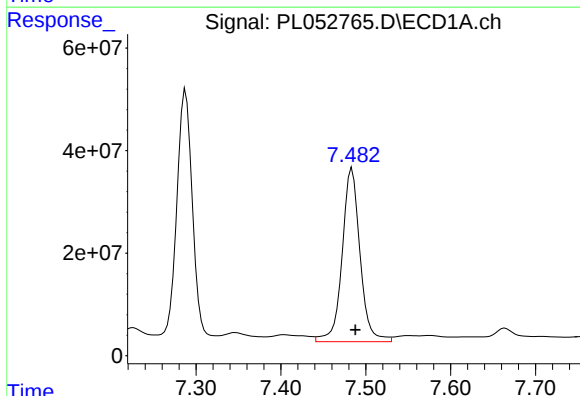
R.T.: 7.288 min
Delta R.T.: -0.003 min
Response: 646013755
Conc: 62.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



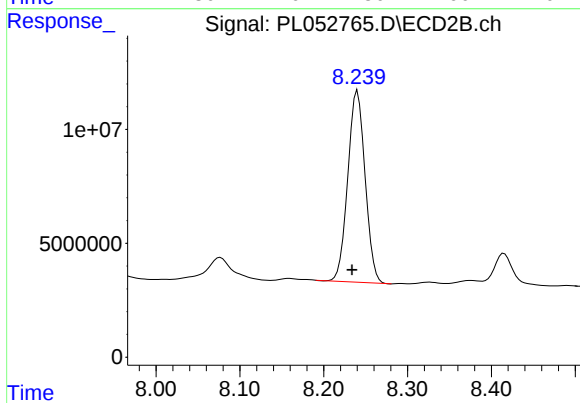
#21 Endrin ketone

R.T.: 7.784 min
Delta R.T.: 0.006 min
Response: 162852744
Conc: 73.33 ng/ml



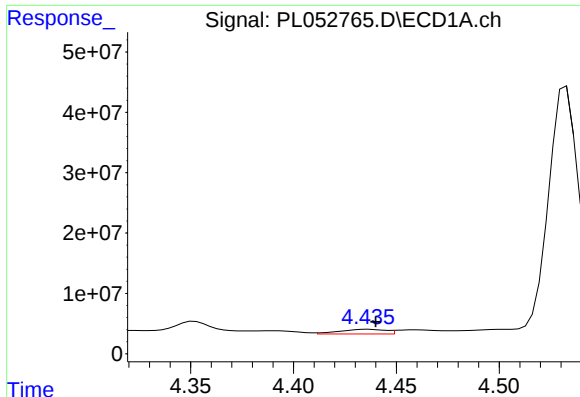
#22 Mirex

R.T.: 7.484 min
Delta R.T.: -0.004 min
Response: 494951406
Conc: 64.72 ng/ml



#22 Mirex

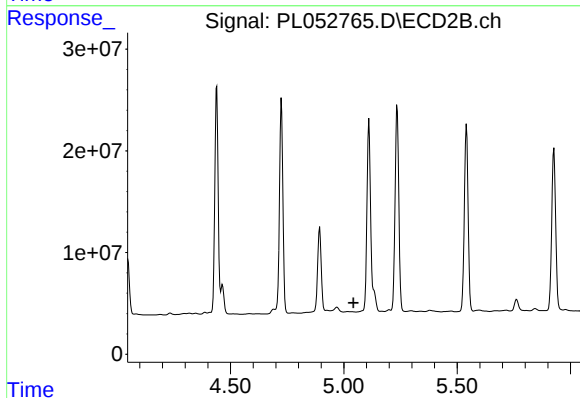
R.T.: 8.240 min
Delta R.T.: 0.007 min
Response: 120700164
Conc: 70.53 ng/ml



#23 Chlordane-1

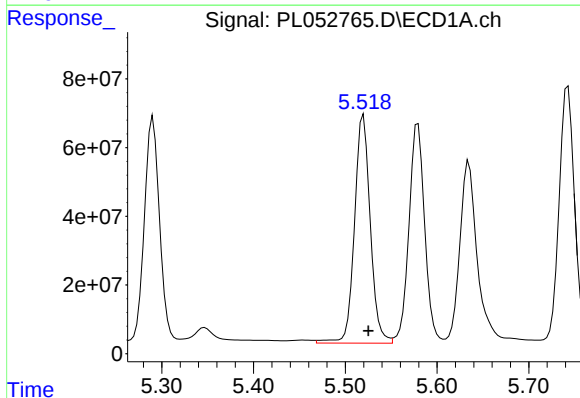
R.T.: 4.436 min
Delta R.T.: -0.004 min
Response: 11849054
Conc: 44.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



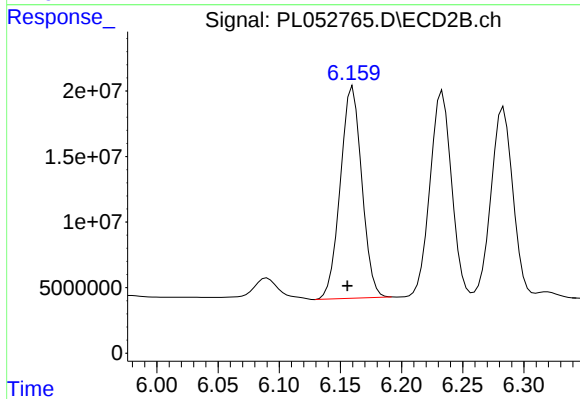
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.043 min
Response: 0
Conc: N.D.



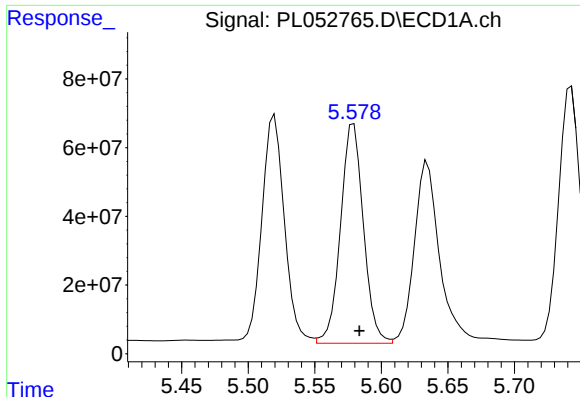
#25 Chlordane-3

R.T.: 5.520 min
Delta R.T.: -0.005 min
Response: 797857664
Conc: 824.69 ng/ml



#25 Chlordane-3

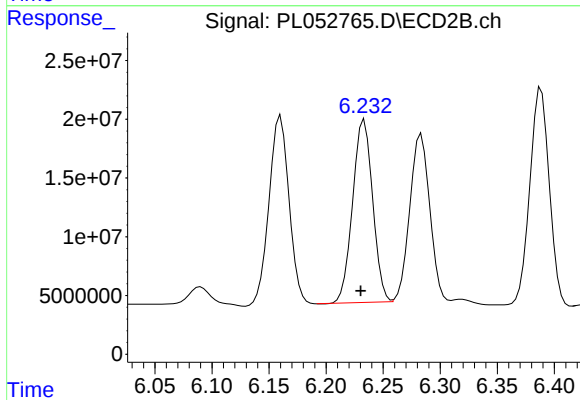
R.T.: 6.160 min
Delta R.T.: 0.005 min
Response: 197140632
Conc: 644.32 ng/ml



#26 Chlordane-4

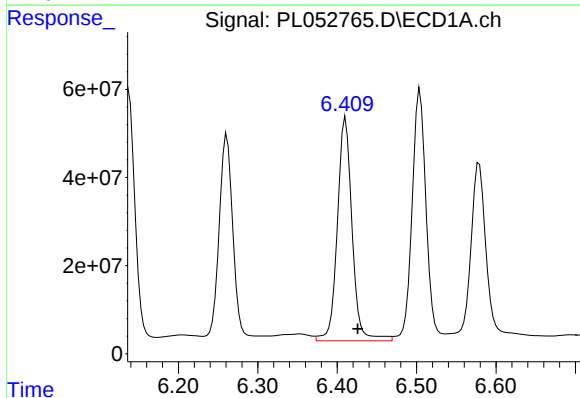
R.T.: 5.579 min
Delta R.T.: -0.004 min
Response: 764712570
Conc: 971.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



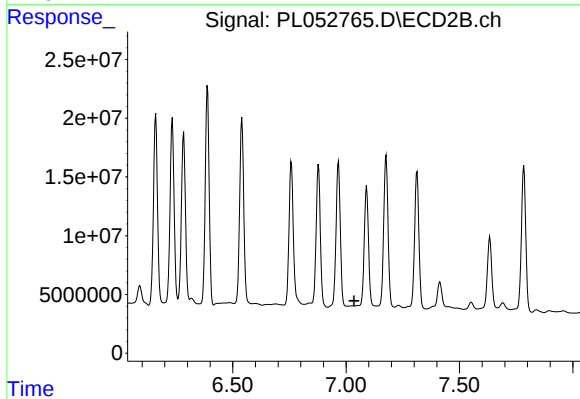
#26 Chlordane-4

R.T.: 6.233 min
Delta R.T.: 0.003 min
Response: 189821636
Conc: 493.54 ng/ml



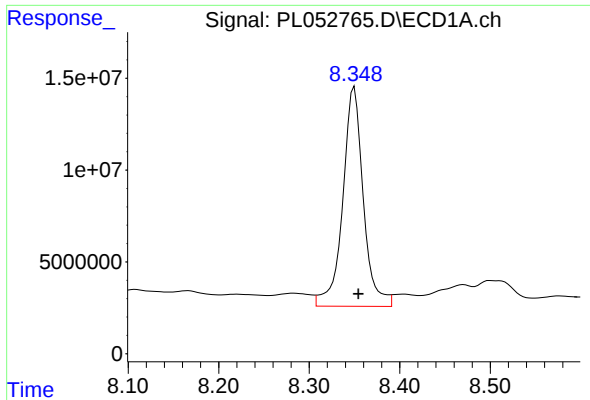
#27 Chlordane-5

R.T.: 6.411 min
Delta R.T.: -0.015 min
Response: 656424005
Conc: 2131.66 ng/ml



#27 Chlordane-5

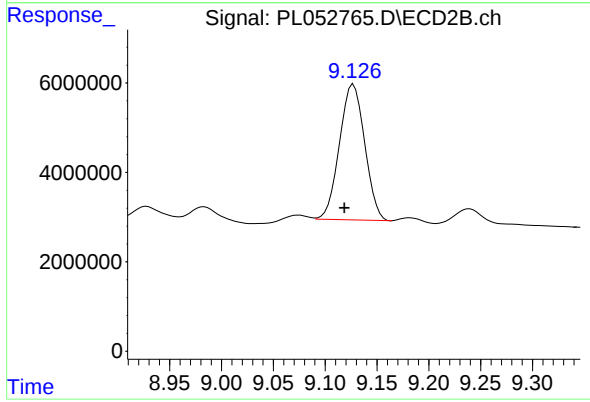
R.T.: 0.000 min
Exp R.T.: 7.035 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.350 min
Delta R.T.: -0.005 min
Response: 188683697
Conc: 21.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



#28 Decachlorobiphenyl

R.T.: 9.127 min
Delta R.T.: 0.009 min
Response: 51395552
Conc: 21.46 ng/ml