

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111119\
 Data File : PL054171.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2019 15:46
 Operator : SG\AJ
 Sample : K5760-07MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 00:26:27 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 18 13:56:08 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...	3.540	4.043	191.3E6	47893211	17.645	19.139
28)	SA Decachlor...	8.324	9.123	134.4E6	36333025	13.702	12.902
Target Compounds							
2)	A alpha-BHC	3.984	4.435	941.4E6	198.2E6	53.988	57.318
3)	MA gamma-BHC...	4.271	4.721	877.8E6	182.6E6	56.363	56.692
4)	MA Heptachlor	4.577	5.230	876.1E6	166.4E6	55.506	51.649
5)	MB Aldrin	4.828	5.535	762.0E6	150.0E6	53.305	50.319
6)	B beta-BHC	4.521	4.891	358.0E6	77761757	54.322	50.344
7)	B delta-BHC	4.729	5.109	767.9E6	136.6E6	50.450	45.230
8)	B Heptachlo...	5.274	5.922	685.4E6	135.1E6	50.777	46.319
9)	A Endosulfan I	5.616	6.279	641.4E6	130.5E6	52.181	48.125
10)	B gamma-Chl...	5.503	6.156	684.4E6	137.5E6	50.162	47.114
11)	B alpha-Chl...	5.561	6.229	673.8E6	138.7E6	50.647	47.511
12)	B 4,4'-DDE	5.724	6.384	630.8E6	131.1E6	53.084	46.542
13)	MA Dieldrin	5.861	6.536	648.6E6	135.4E6	49.765	47.456
14)	MA Endrin	6.119	6.754	578.2E6	118.2E6	49.886	48.710
15)	B Endosulfa...	6.392	6.963	529.2E6	118.8E6	47.334	46.497
16)	A 4,4'-DDD	6.242	6.875	442.5E6	104.2E6	49.718	49.984
17)	MA 4,4'-DDT	6.484	7.174	476.1E6	105.8E6	48.065	45.752
18)	B Endrin al...	6.560	7.087	405.2E6	97875304	44.191	44.554
19)	B Endosulfa...	6.774	7.310	455.5E6	108.1E6	44.784	44.041
20)	A Methoxychlor	7.029	7.631	233.3E6	57912735	47.320	44.586
21)	B Endrin ke...	7.268	7.781	487.1E6	118.5E6	45.246	45.946
22)	Mirex	7.460	8.235	381.5E6	93395156	44.600	46.165
23)	Chlordane-1	4.431	0.000	11049707	0	31.155	N.D. #
24)	Chlordane-2	0.000	5.535f	0	150.0E6	N.D.	1527.459 #
25)	Chlordane-3	5.503	6.156	684.4E6	137.5E6	593.739	376.393 #
26)	Chlordane-4	5.561	6.229	673.8E6	138.7E6	718.743	308.939 #
27)	Chlordane-5	6.392f	0.000	529.2E6	0	1447.744	N.D. #

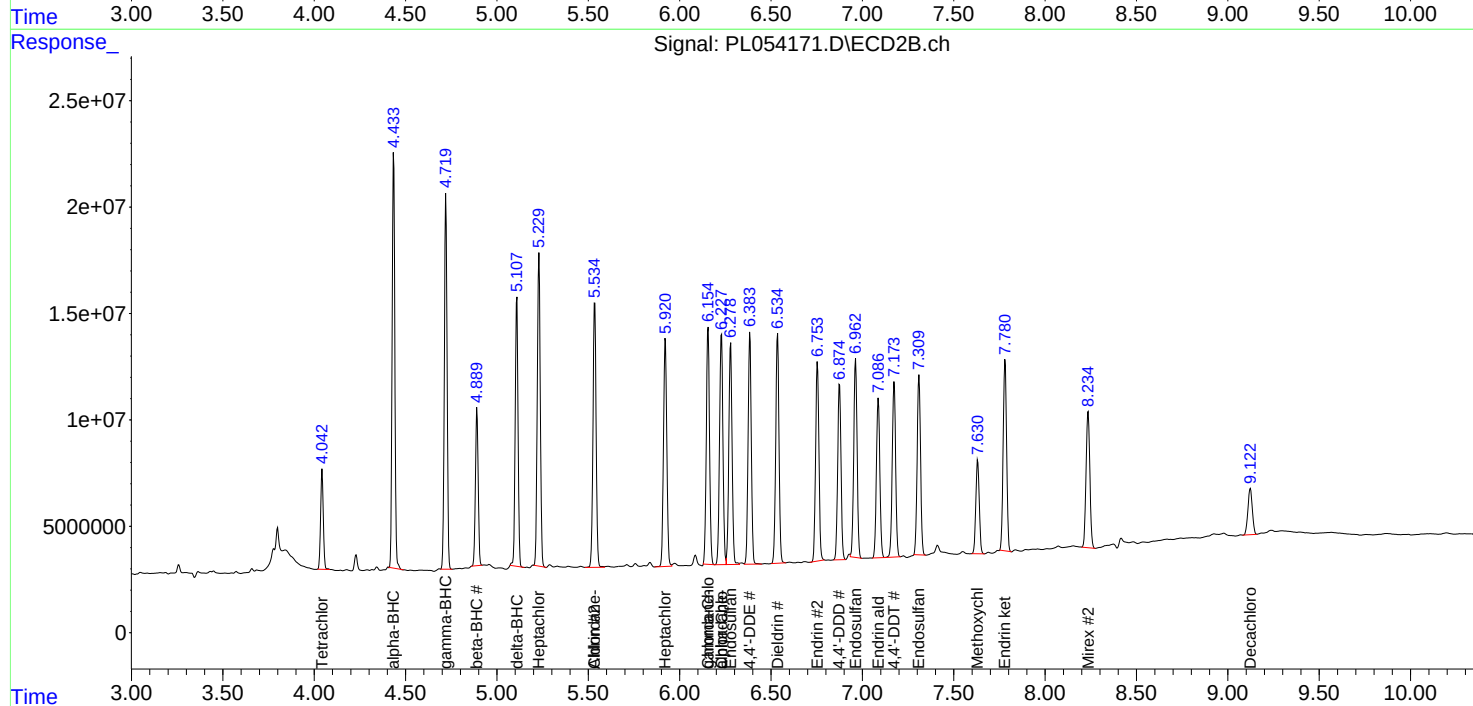
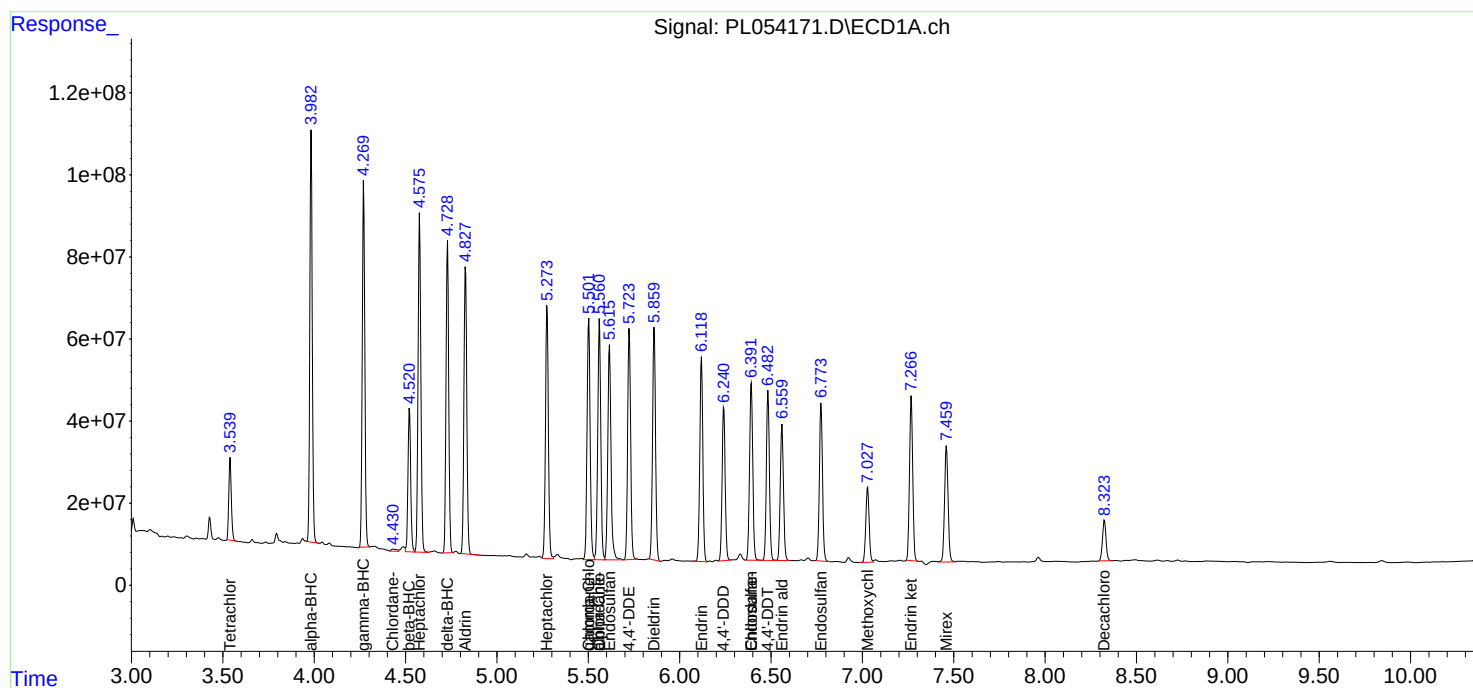
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

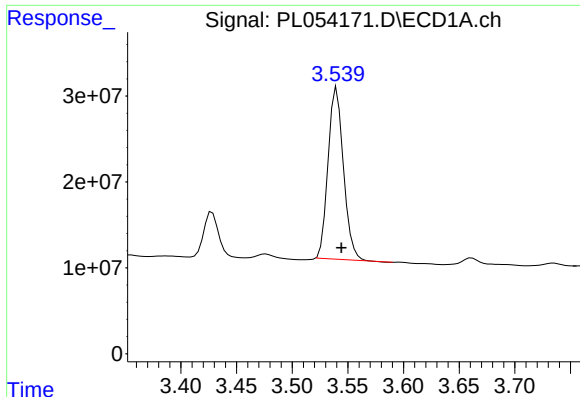
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111119\
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

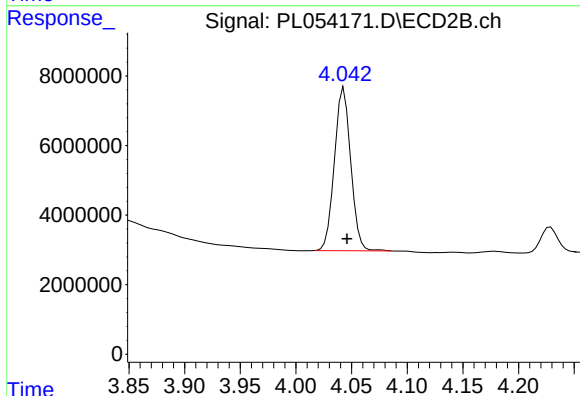




#1 Tetrachloro-m-xylene

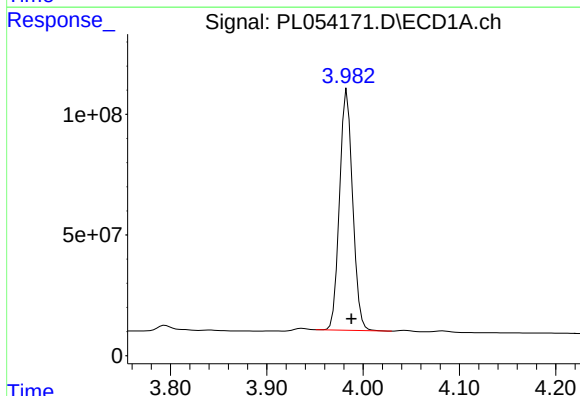
R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 191265882
Conc: 17.65 ng/ml

Instrument :
ECD_L
ClientSampleId :



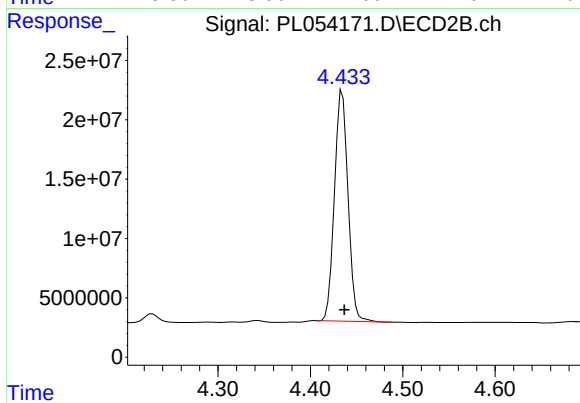
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 47893211
Conc: 19.14 ng/ml



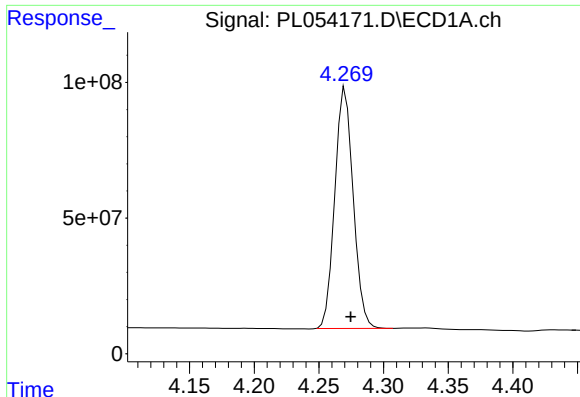
#2 alpha-BHC

R.T.: 3.984 min
Delta R.T.: -0.004 min
Response: 941366429
Conc: 53.99 ng/ml



#2 alpha-BHC

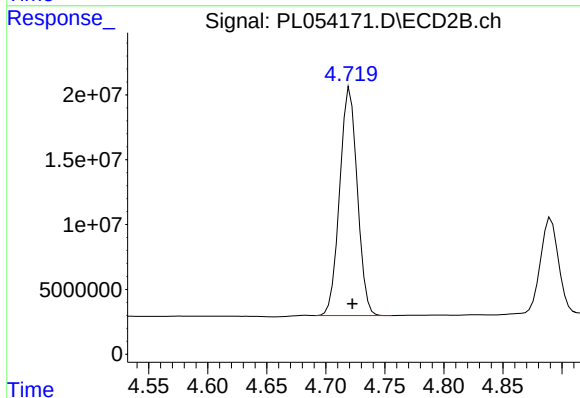
R.T.: 4.435 min
Delta R.T.: -0.002 min
Response: 198153425
Conc: 57.32 ng/ml



#3 gamma-BHC (Lindane)

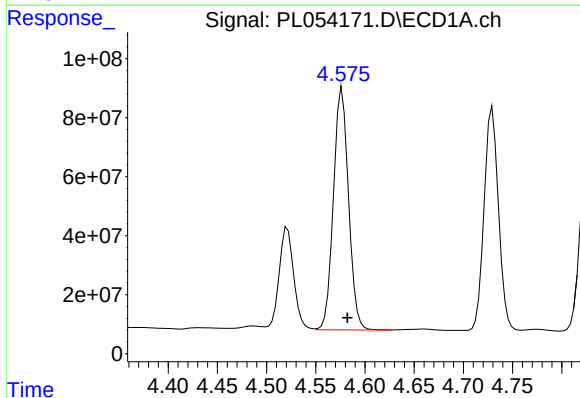
R.T.: 4.271 min
Delta R.T.: -0.004 min
Response: 877773966
Conc: 56.36 ng/ml

Instrument :
ECD_L
ClientSampleId :



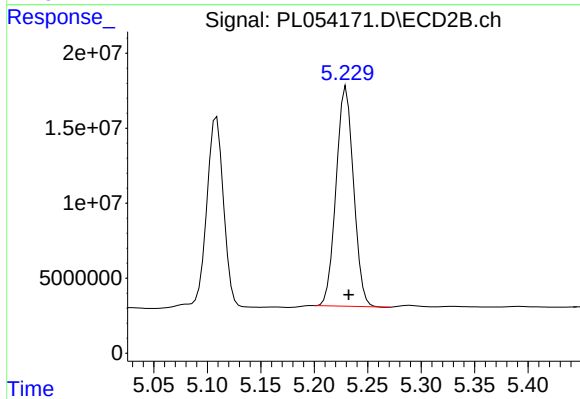
#3 gamma-BHC (Lindane)

R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 182571396
Conc: 56.69 ng/ml



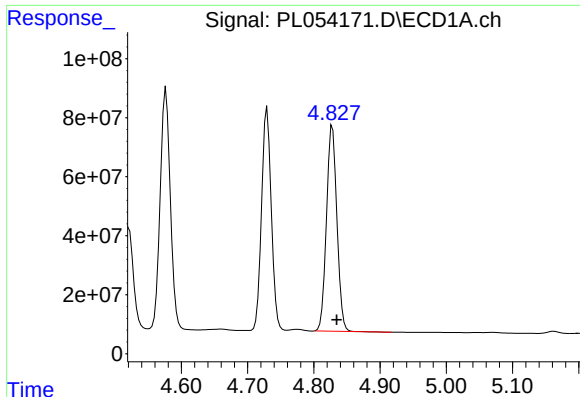
#4 Heptachlor

R.T.: 4.577 min
Delta R.T.: -0.005 min
Response: 876054161
Conc: 55.51 ng/ml



#4 Heptachlor

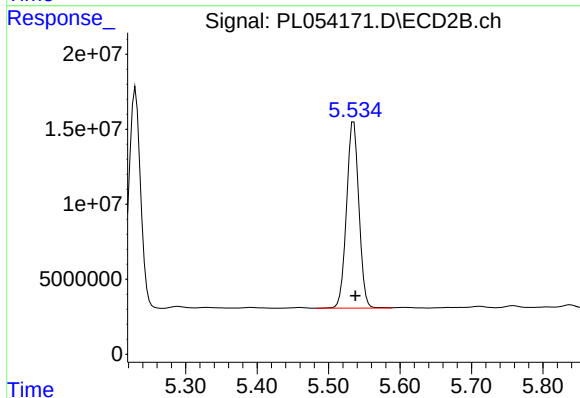
R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 166420970
Conc: 51.65 ng/ml



#5 Aldrin

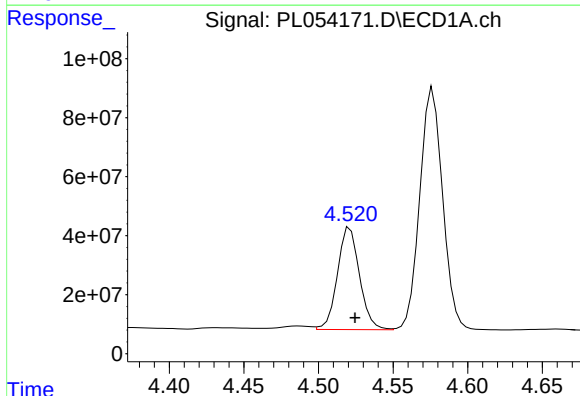
R.T.: 4.828 min
Delta R.T.: -0.006 min
Response: 762028875
Conc: 53.30 ng/ml

Instrument :
ECD_L
ClientSampleId :



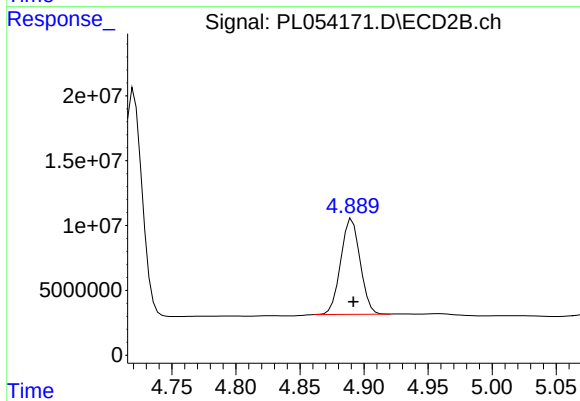
#5 Aldrin

R.T.: 5.535 min
Delta R.T.: -0.003 min
Response: 150029275
Conc: 50.32 ng/ml



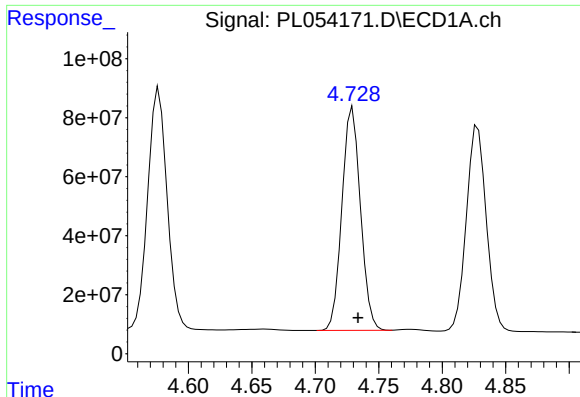
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: -0.003 min
Response: 357973516
Conc: 54.32 ng/ml



#6 beta-BHC

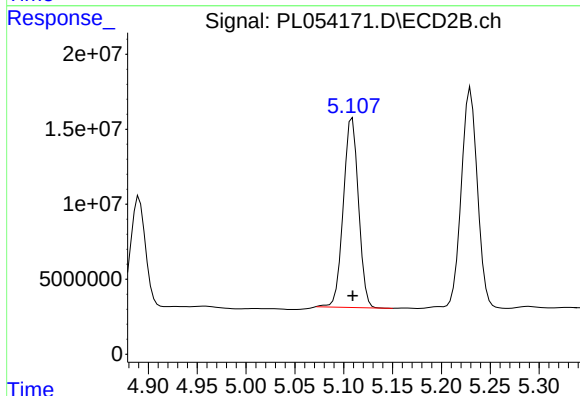
R.T.: 4.891 min
Delta R.T.: 0.000 min
Response: 77761757
Conc: 50.34 ng/ml



#7 delta-BHC

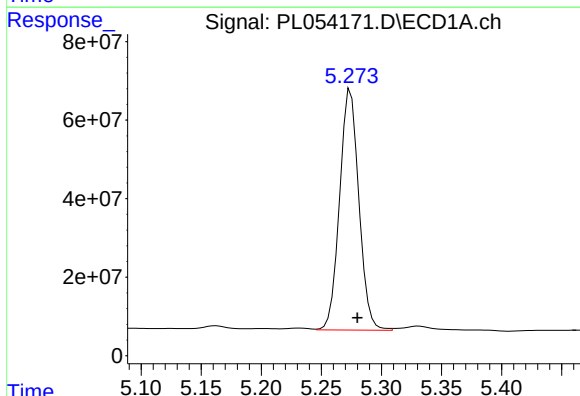
R.T.: 4.729 min
Delta R.T.: -0.004 min
Response: 767910998
Conc: 50.45 ng/ml

Instrument :
ECD_L
ClientSampleId :



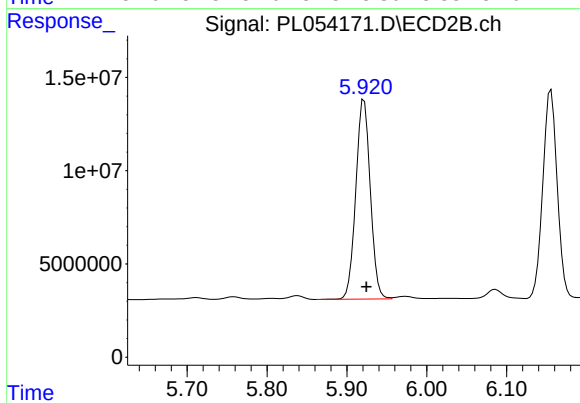
#7 delta-BHC

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 136620249
Conc: 45.23 ng/ml



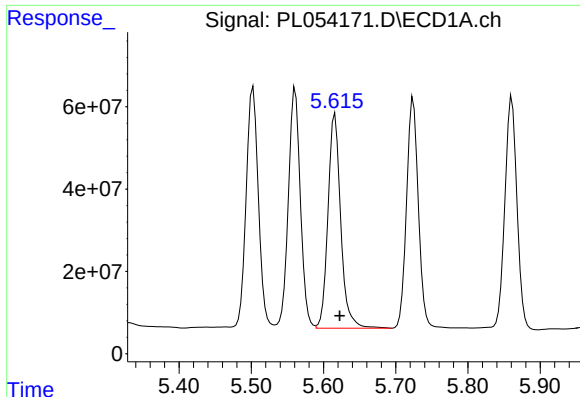
#8 Heptachlor epoxide

R.T.: 5.274 min
Delta R.T.: -0.006 min
Response: 685444135
Conc: 50.78 ng/ml



#8 Heptachlor epoxide

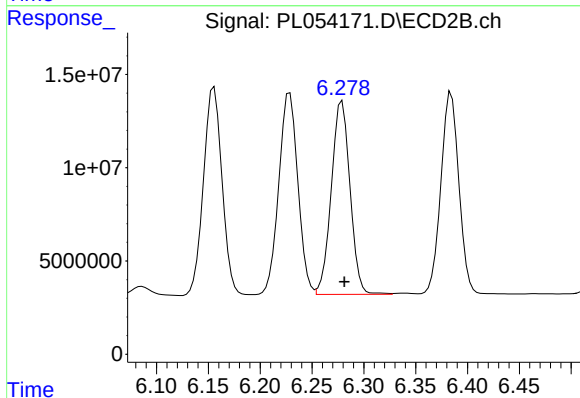
R.T.: 5.922 min
Delta R.T.: -0.003 min
Response: 135085589
Conc: 46.32 ng/ml



#9 Endosulfan I

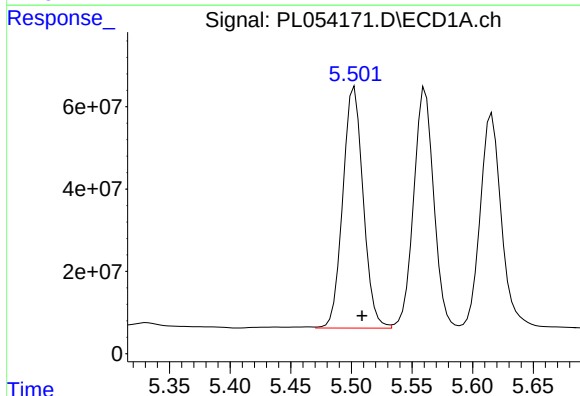
R.T.: 5.616 min
Delta R.T.: -0.007 min
Response: 641410732
Conc: 52.18 ng/ml

Instrument :
ECD_L
ClientSampleId :



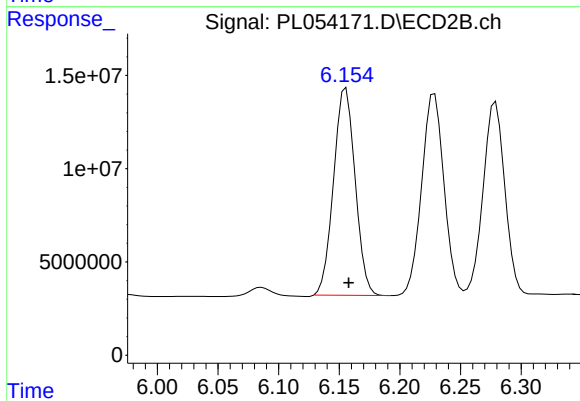
#9 Endosulfan I

R.T.: 6.279 min
Delta R.T.: -0.002 min
Response: 130478096
Conc: 48.12 ng/ml



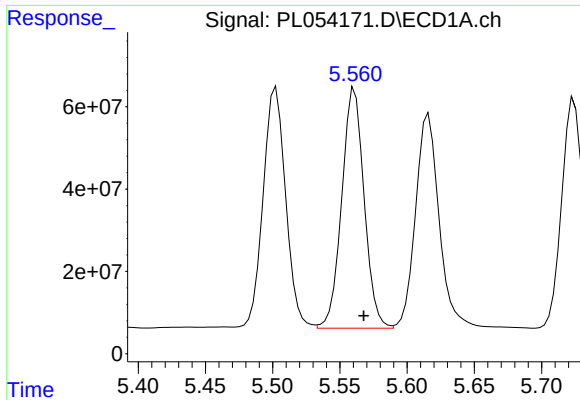
#10 gamma-Chlordane

R.T.: 5.503 min
Delta R.T.: -0.006 min
Response: 684395027
Conc: 50.16 ng/ml



#10 gamma-Chlordane

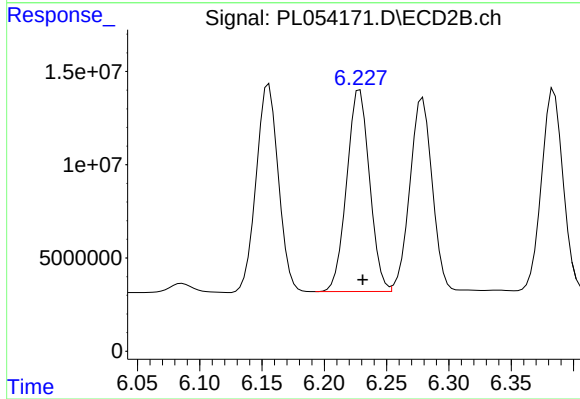
R.T.: 6.156 min
Delta R.T.: -0.002 min
Response: 137470020
Conc: 47.11 ng/ml



#11 alpha-Chlordane

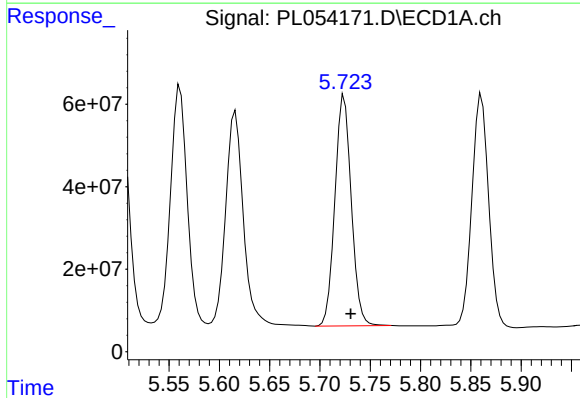
R.T.: 5.561 min
Delta R.T.: -0.007 min
Response: 673786770
Conc: 50.65 ng/ml

Instrument :
ECD_L
ClientSampleId :



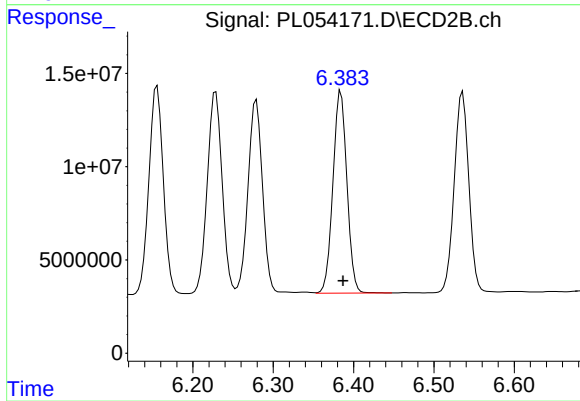
#11 alpha-Chlordane

R.T.: 6.229 min
Delta R.T.: -0.002 min
Response: 138693991
Conc: 47.51 ng/ml



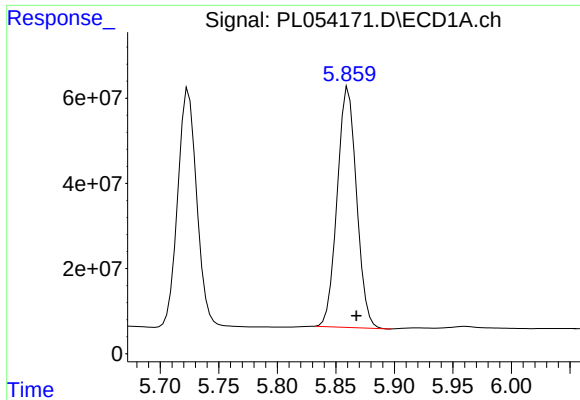
#12 4,4'-DDE

R.T.: 5.724 min
Delta R.T.: -0.007 min
Response: 630760503
Conc: 53.08 ng/ml



#12 4,4'-DDE

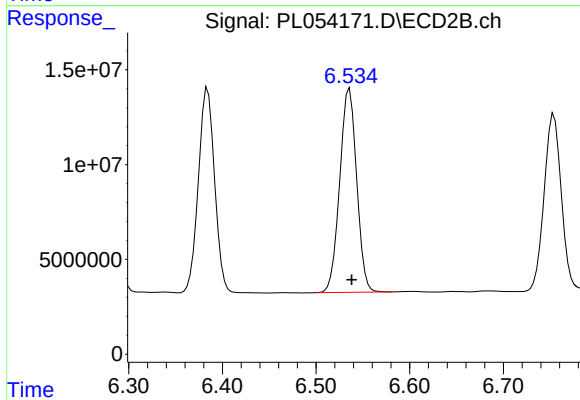
R.T.: 6.384 min
Delta R.T.: -0.003 min
Response: 131077569
Conc: 46.54 ng/ml



#13 Dieldrin

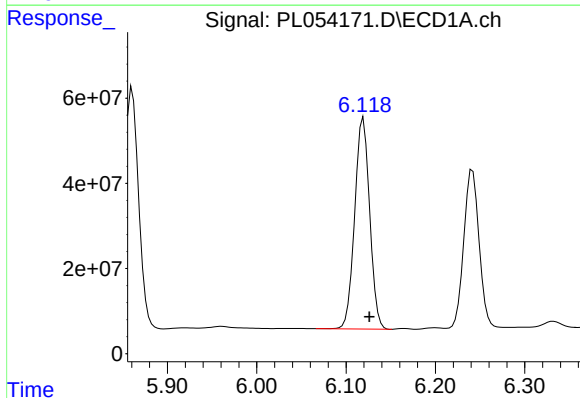
R.T.: 5.861 min
Delta R.T.: -0.007 min
Response: 648607512
Conc: 49.76 ng/ml

Instrument :
ECD_L
ClientSampleId :



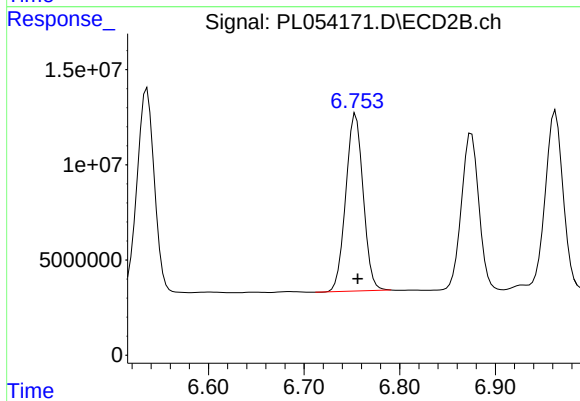
#13 Dieldrin

R.T.: 6.536 min
Delta R.T.: -0.002 min
Response: 135421770
Conc: 47.46 ng/ml



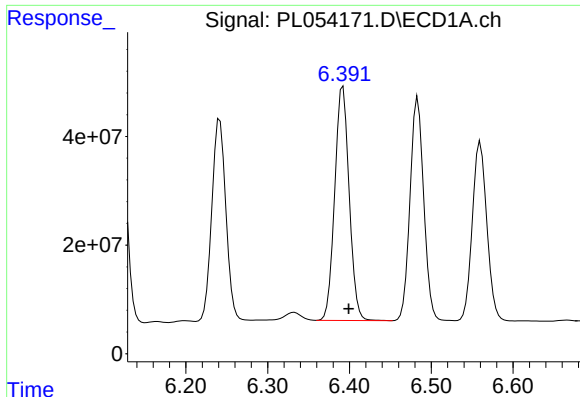
#14 Endrin

R.T.: 6.119 min
Delta R.T.: -0.007 min
Response: 578243306
Conc: 49.89 ng/ml



#14 Endrin

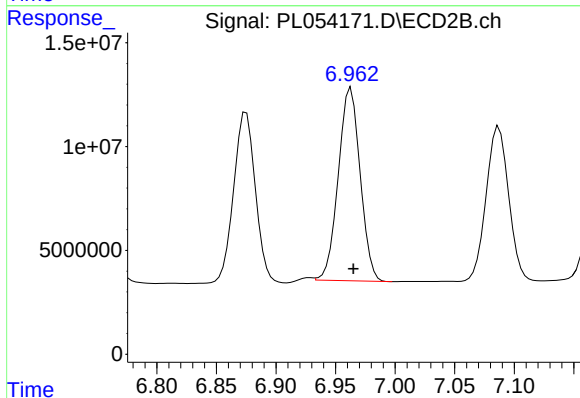
R.T.: 6.754 min
Delta R.T.: -0.002 min
Response: 118229057
Conc: 48.71 ng/ml



#15 Endosulfan II

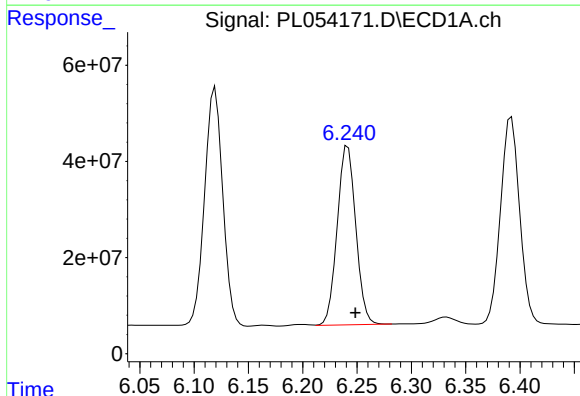
R.T.: 6.392 min
Delta R.T.: -0.007 min
Response: 529214605
Conc: 47.33 ng/ml

Instrument :
ECD_L
ClientSampleId :



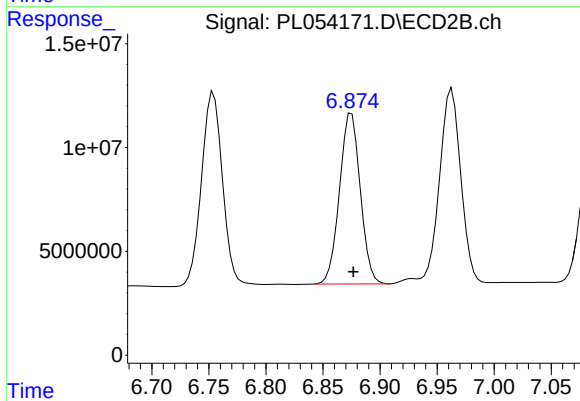
#15 Endosulfan II

R.T.: 6.963 min
Delta R.T.: -0.002 min
Response: 118777344
Conc: 46.50 ng/ml



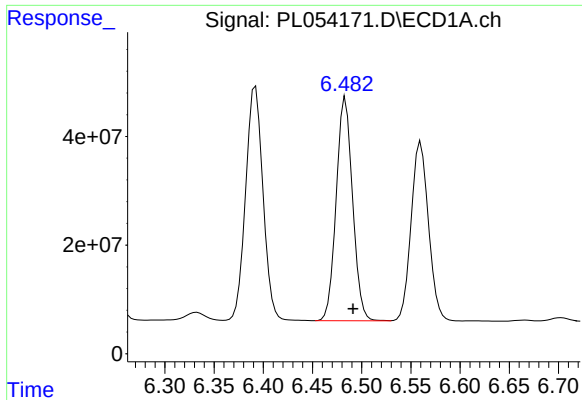
#16 4,4'-DDD

R.T.: 6.242 min
Delta R.T.: -0.007 min
Response: 442485822
Conc: 49.72 ng/ml



#16 4,4'-DDD

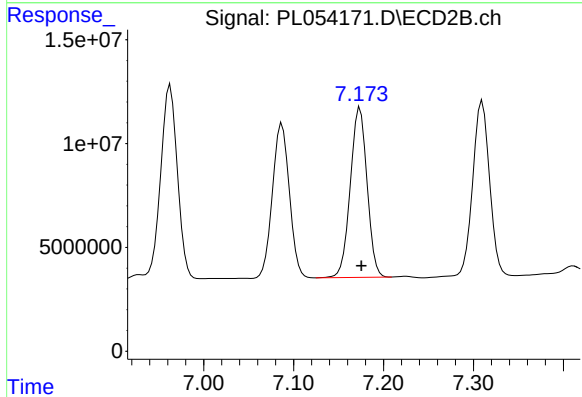
R.T.: 6.875 min
Delta R.T.: -0.002 min
Response: 104164999
Conc: 49.98 ng/ml



#17 4,4'-DDT

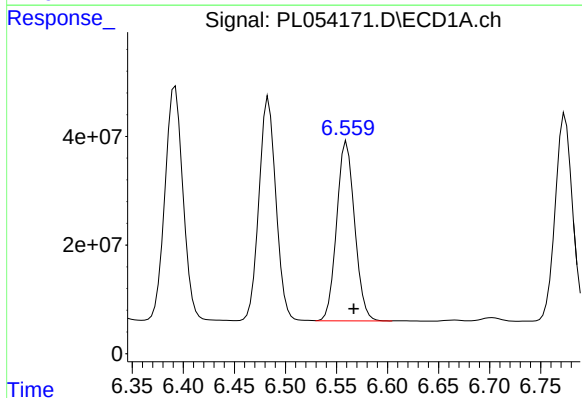
R.T.: 6.484 min
Delta R.T.: -0.008 min
Response: 476149586
Conc: 48.07 ng/ml

Instrument :
ECD_L
ClientSampleId :



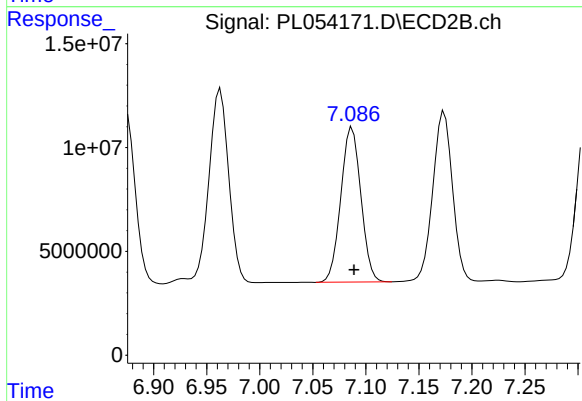
#17 4,4'-DDT

R.T.: 7.174 min
Delta R.T.: -0.002 min
Response: 105801781
Conc: 45.75 ng/ml



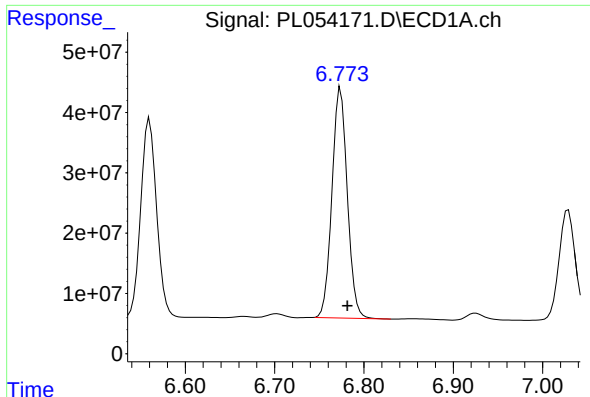
#18 Endrin aldehyde

R.T.: 6.560 min
Delta R.T.: -0.007 min
Response: 405199441
Conc: 44.19 ng/ml



#18 Endrin aldehyde

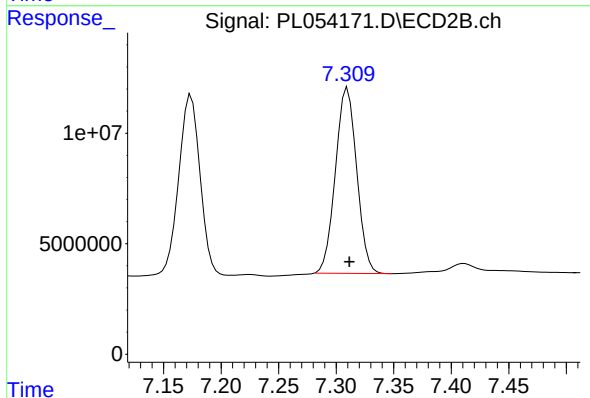
R.T.: 7.087 min
Delta R.T.: -0.002 min
Response: 97875304
Conc: 44.55 ng/ml



#19 Endosulfan Sulfate

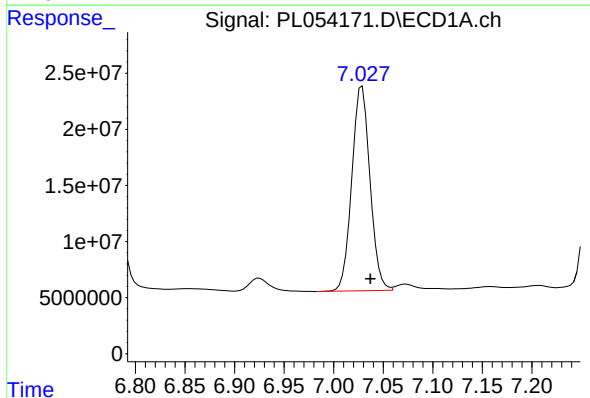
R.T.: 6.774 min
Delta R.T.: -0.007 min
Response: 455521321
Conc: 44.78 ng/ml

Instrument :
ECD_L
ClientSampleId :



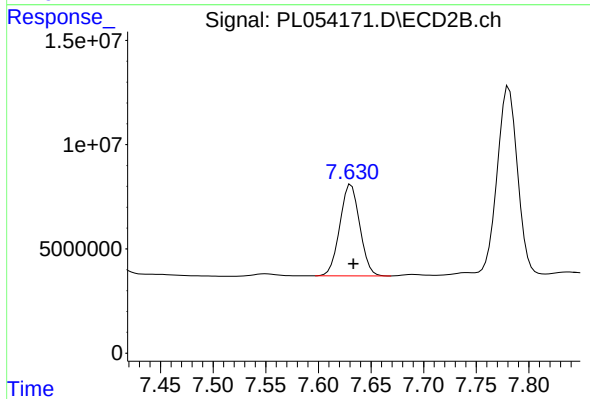
#19 Endosulfan Sulfate

R.T.: 7.310 min
Delta R.T.: -0.002 min
Response: 108058719
Conc: 44.04 ng/ml



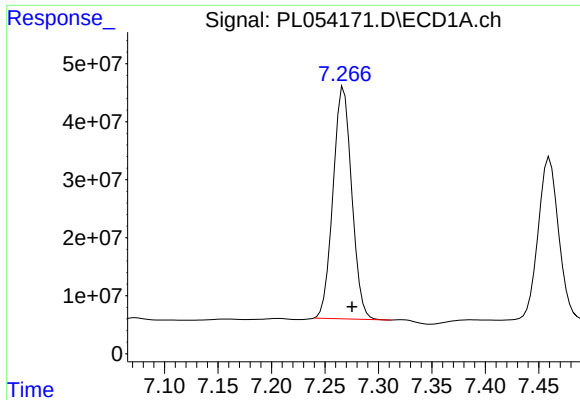
#20 Methoxychlor

R.T.: 7.029 min
Delta R.T.: -0.008 min
Response: 233303780
Conc: 47.32 ng/ml



#20 Methoxychlor

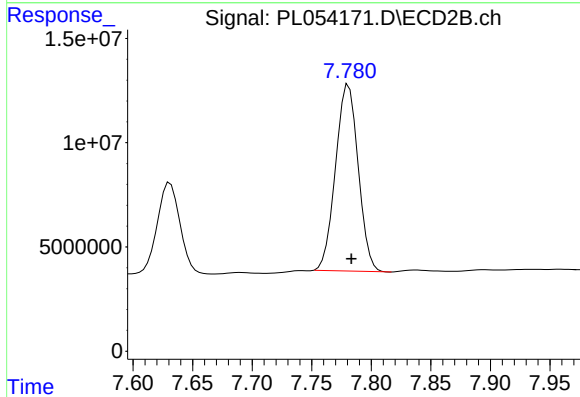
R.T.: 7.631 min
Delta R.T.: -0.002 min
Response: 57912735
Conc: 44.59 ng/ml



#21 Endrin ketone

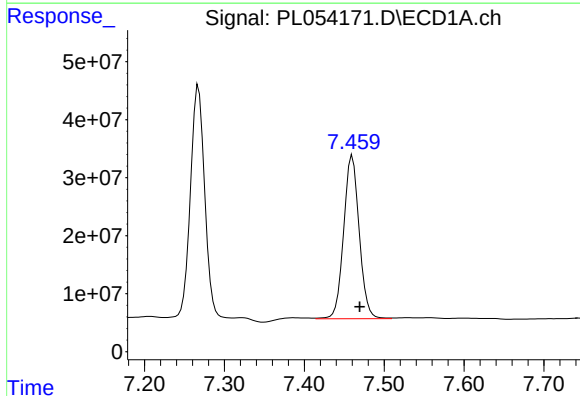
R.T.: 7.268 min
Delta R.T.: -0.008 min
Response: 487077219
Conc: 45.25 ng/ml

Instrument :
ECD_L
ClientSampleId :



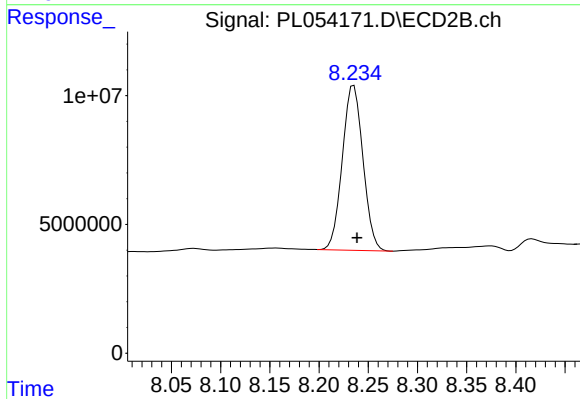
#21 Endrin ketone

R.T.: 7.781 min
Delta R.T.: -0.002 min
Response: 118470750
Conc: 45.95 ng/ml



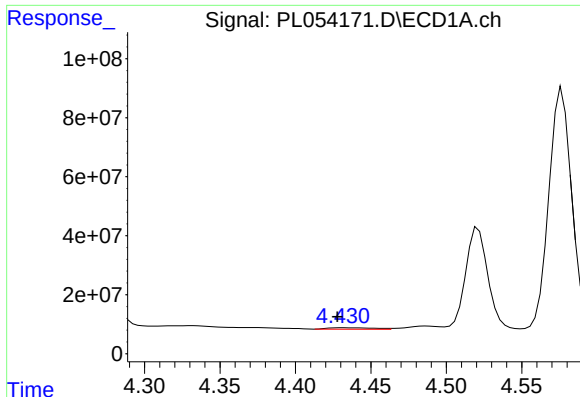
#22 Mirex

R.T.: 7.460 min
Delta R.T.: -0.009 min
Response: 381466608
Conc: 44.60 ng/ml



#22 Mirex

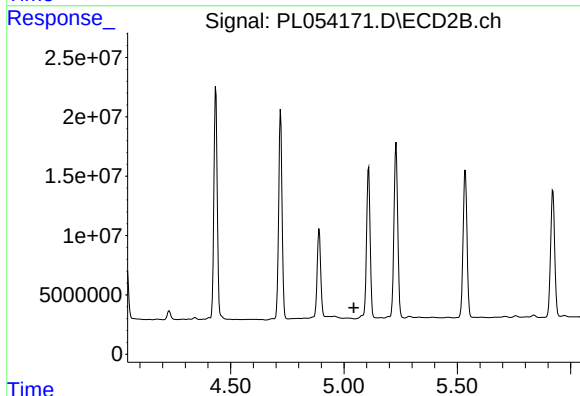
R.T.: 8.235 min
Delta R.T.: -0.003 min
Response: 93395156
Conc: 46.17 ng/ml



#23 Chlordane-1

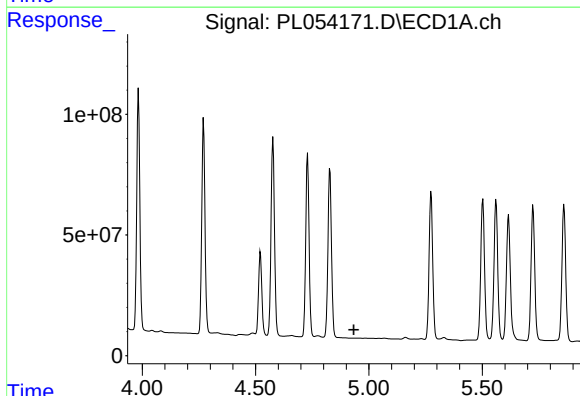
R.T.: 4.431 min
Delta R.T.: 0.004 min
Response: 11049707
Conc: 31.15 ng/ml

Instrument :
ECD_L
ClientSampleId :



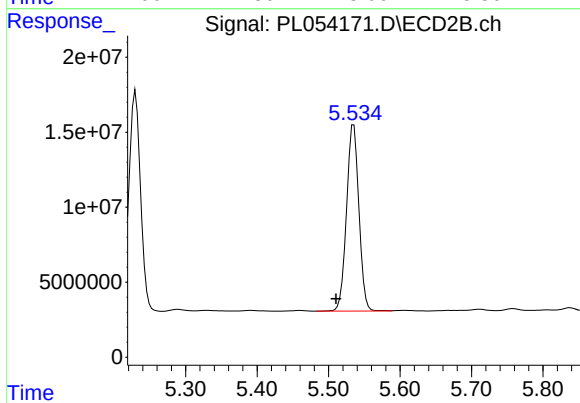
#23 Chlordane-1

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



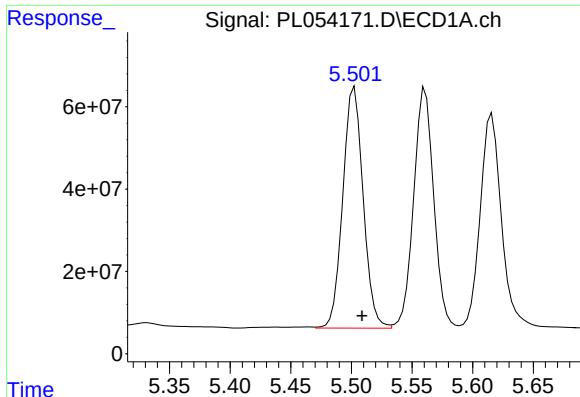
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.934 min
Response: 0
Conc: N.D.



#24 Chlordane-2

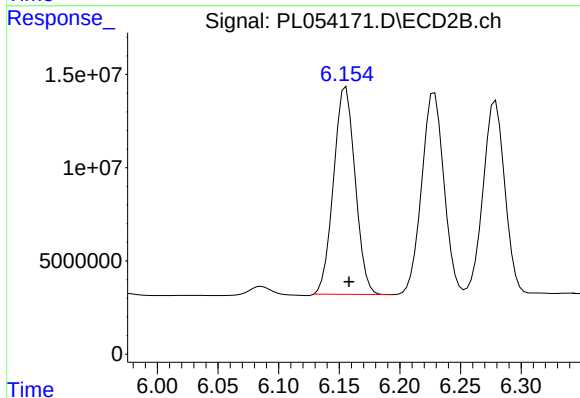
R.T.: 5.535 min
Delta R.T.: 0.025 min
Response: 150029275
Conc: 1527.46 ng/ml



#25 Chlordane-3

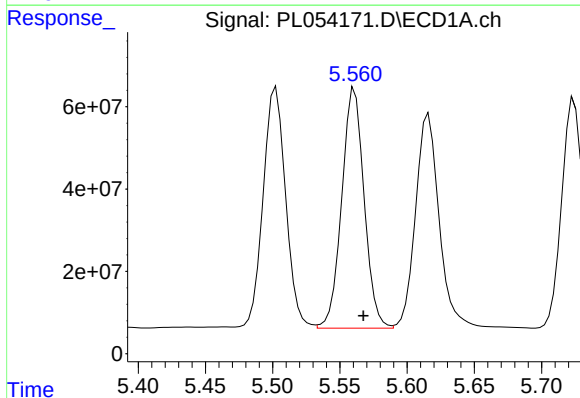
R.T.: 5.503 min
Delta R.T.: -0.006 min
Response: 684395027
Conc: 593.74 ng/ml

Instrument :
ECD_L
ClientSampleId :



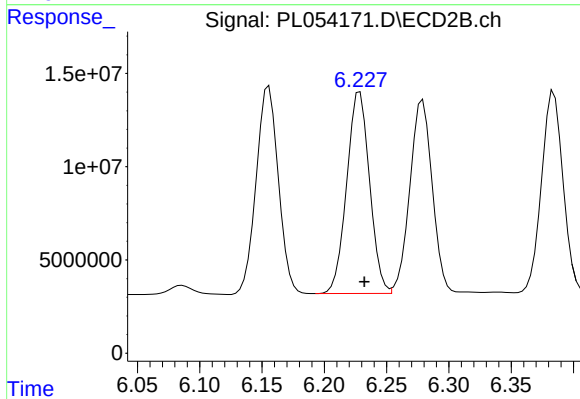
#25 Chlordane-3

R.T.: 6.156 min
Delta R.T.: -0.003 min
Response: 137470020
Conc: 376.39 ng/ml



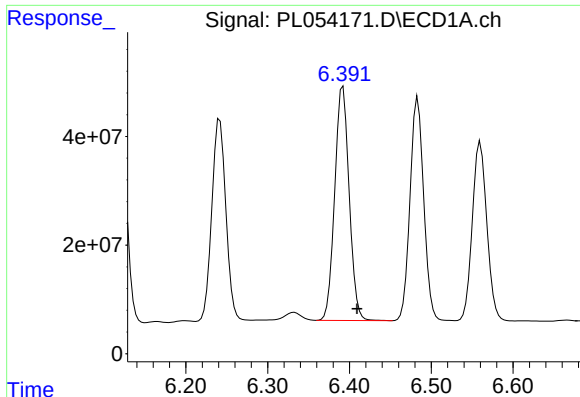
#26 Chlordane-4

R.T.: 5.561 min
Delta R.T.: -0.007 min
Response: 673786770
Conc: 718.74 ng/ml



#26 Chlordane-4

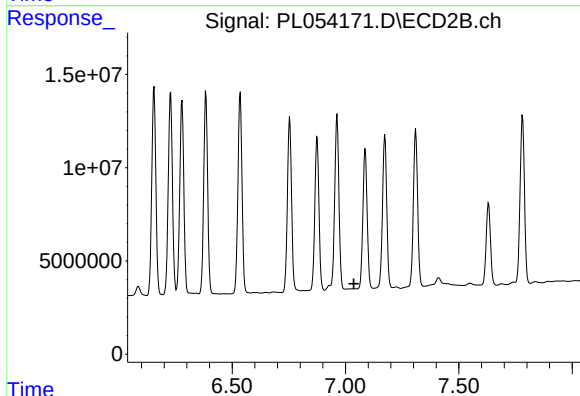
R.T.: 6.229 min
Delta R.T.: -0.004 min
Response: 138693991
Conc: 308.94 ng/ml



#27 Chlordane-5

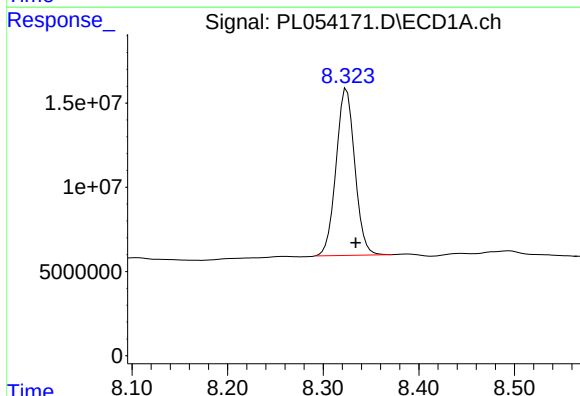
R.T.: 6.392 min
Delta R.T.: -0.017 min
Response: 529214605
Conc: 1447.74 ng/ml

Instrument :
ECD_L
ClientSampleId :



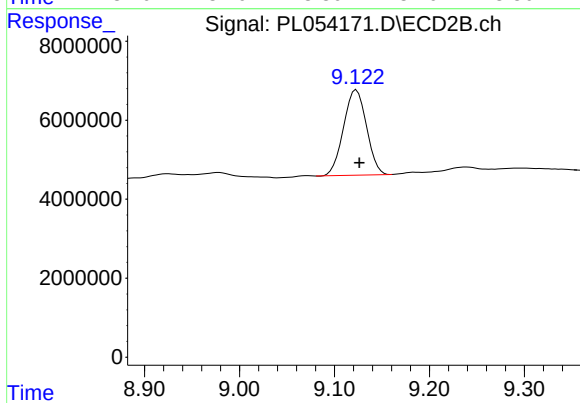
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.324 min
Delta R.T.: -0.010 min
Response: 134438546
Conc: 13.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.123 min
Delta R.T.: -0.003 min
Response: 36333025
Conc: 12.90 ng/ml