

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031521\
 Data File : PL065313.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Mar 2021 17:08
 Operator : AR\AJ
 Sample : M1670-04MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 16 02:08:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031321.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 13 01:11:50 2021
 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...	3.294	3.884	34013404	44397956	14.437	16.118
28)	SA Decachlor...	7.937	8.894	16423785	13199942	7.622	7.185
Target Compounds							
2)	A alpha-BHC	3.718	4.275	200.3E6	218.0E6	49.677	51.317
3)	MA gamma-BHC...	3.991	4.559	185.1E6	200.7E6	50.095	52.203
4)	MA Heptachlor	4.277	5.053	166.1E6	175.0E6	46.239	48.940
5)	MB Aldrin	4.515	5.354	161.7E6	170.6E6	47.528	49.171
6)	B beta-BHC	4.241	4.742	69758016	81839288	45.702	46.890
7)	B delta-BHC	4.435	4.954	176.4E6	183.3E6	48.545	47.935
8)	B Heptachlo...	4.948	5.743	151.9E6	150.8E6	47.189	50.541
9)	A Endosulfan I	5.276	6.097	135.8E6	142.2E6	48.416	51.028
10)	B gamma-Chl...	5.169	5.976	147.5E6	150.1E6	46.648	50.279
11)	B alpha-Chl...	5.226	6.046	144.0E6	149.6E6	47.544	51.380
12)	B 4,4'-DDE	5.392	6.208	130.5E6	145.2E6	44.106	52.344
13)	MA Dieldrin	5.514	6.355	141.2E6	150.9E6	47.356	51.333
14)	MA Endrin	5.764	6.572	123.9E6	127.3E6	48.905	56.277
15)	B Endosulfa...	6.035	6.789	129.9E6	129.5E6	53.025	57.946
16)	A 4,4'-DDD	5.899	6.702	117.1E6	129.5E6	49.368	53.346
17)	MA 4,4'-DDT	6.132	6.996	90138729	101.8E6	46.496	50.159
18)	B Endrin al...	6.203	6.914	107.3E6	105.0E6	52.814	58.159
19)	B Endosulfa...	6.413	7.136	128.1E6	118.6E6	50.196	50.523
20)	A Methoxychlor	6.679	7.461	51511133	50670955	55.116	54.621
21)	B Endrin ke...	6.892	7.606	140.7E6	131.0E6	49.441	50.117
22)	Mirex	7.065	8.045	104.4E6	83691186	54.138	52.257
23)	Chlordane-1	4.157f	0.000	6338837	0	61.161	N.D. #
24)	Chlordane-2	0.000	5.354f	0	170.6E6	N.D.	1657.216 #
25)	Chlordane-3	5.169	5.976	147.5E6	150.1E6	490.558	367.199 #
26)	Chlordane-4	5.226	6.046	144.0E6	149.6E6	529.387	315.478 #
27)	Chlordane-5	6.035	0.000	129.9E6	0	1431.161	N.D. #

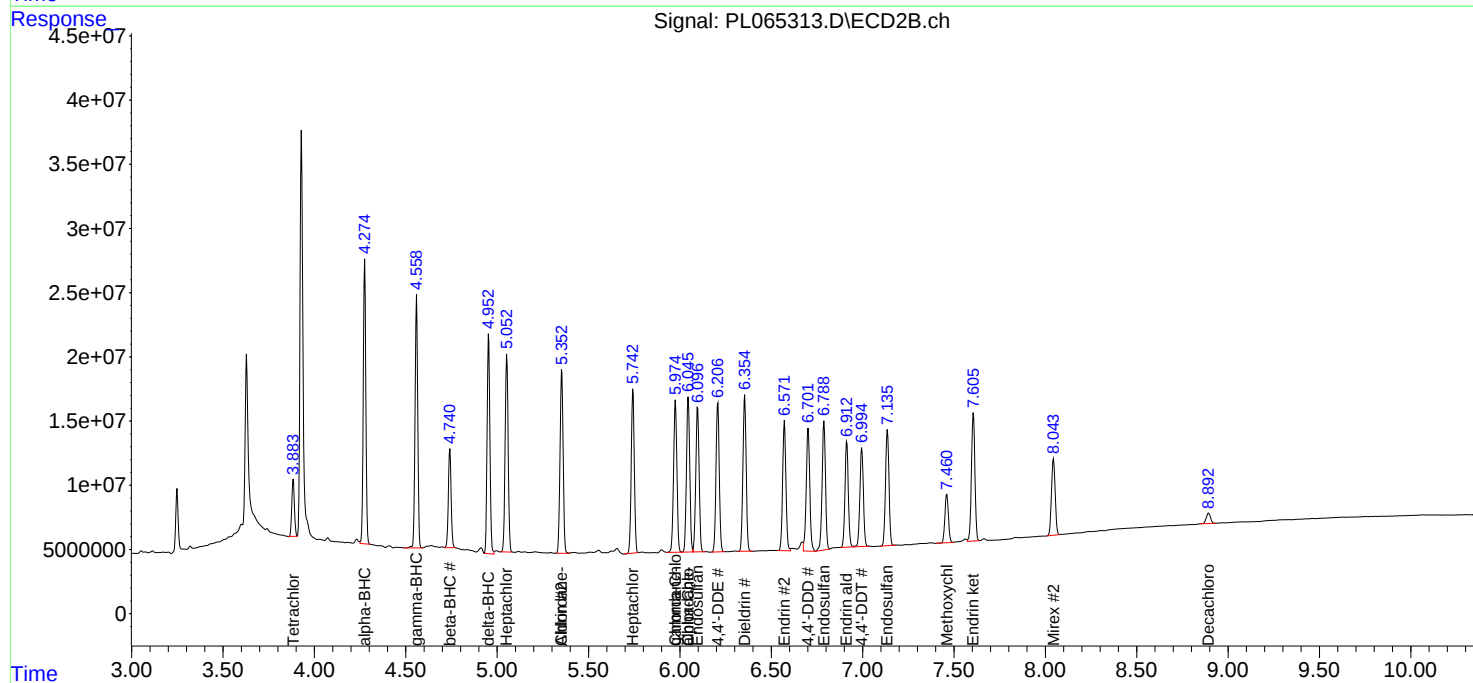
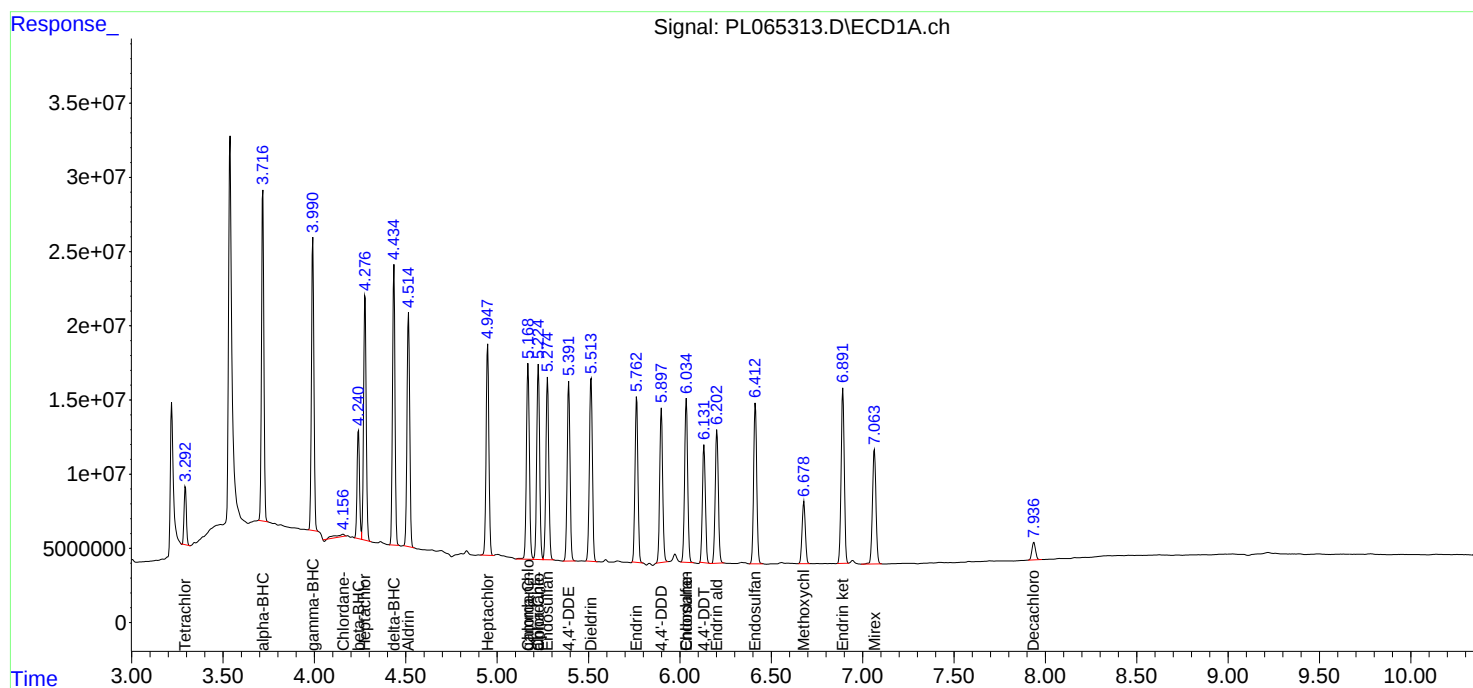
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

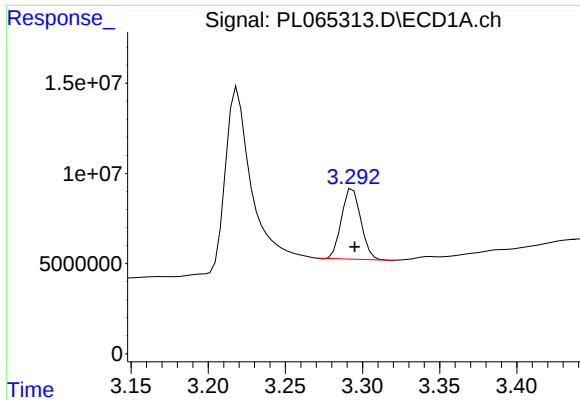
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031521\
Data File : PL065313.D
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

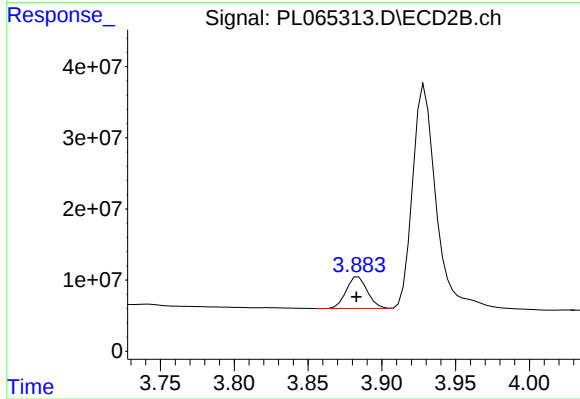




#1 Tetrachloro-m-xylene

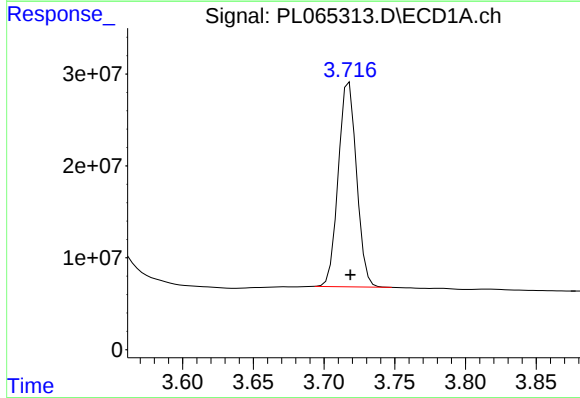
R.T.: 3.294 min
Delta R.T.: -0.001 min
Response: 34013404
Conc: 14.44 ng/ml

Instrument :
ECD_S
ClientSampleId :



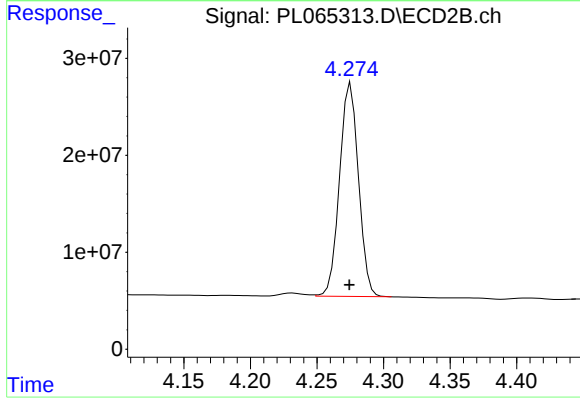
#1 Tetrachloro-m-xylene

R.T.: 3.884 min
Delta R.T.: 0.001 min
Response: 44397956
Conc: 16.12 ng/ml



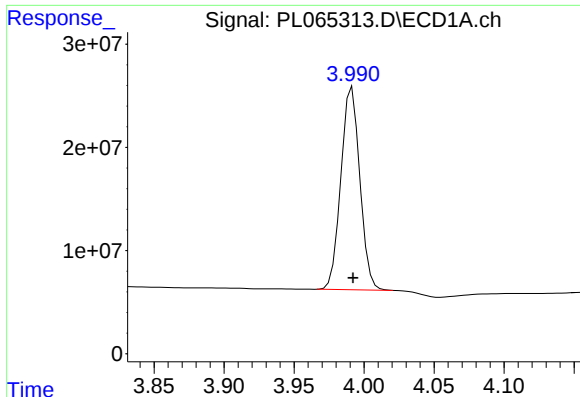
#2 alpha-BHC

R.T.: 3.718 min
Delta R.T.: 0.000 min
Response: 200315883
Conc: 49.68 ng/ml



#2 alpha-BHC

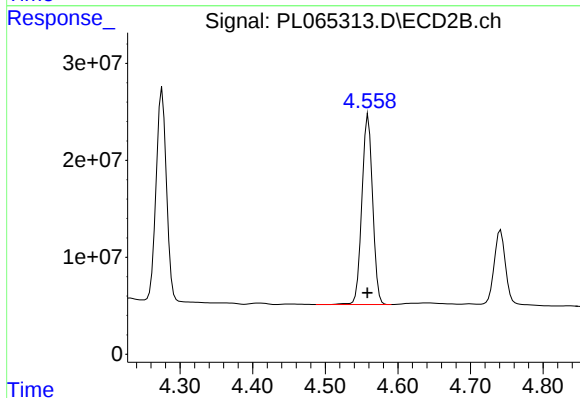
R.T.: 4.275 min
Delta R.T.: 0.000 min
Response: 218023032
Conc: 51.32 ng/ml



#3 gamma-BHC (Lindane)

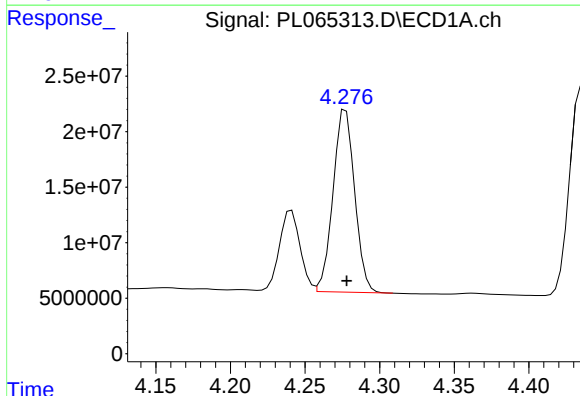
R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 185050106
Conc: 50.09 ng/ml

Instrument :
ECD_S
ClientSampleId :



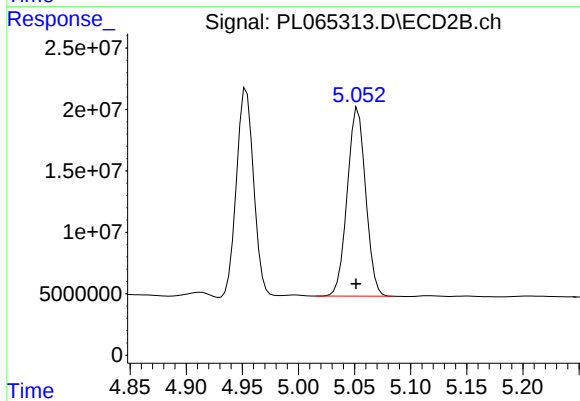
#3 gamma-BHC (Lindane)

R.T.: 4.559 min
Delta R.T.: 0.001 min
Response: 200651543
Conc: 52.20 ng/ml



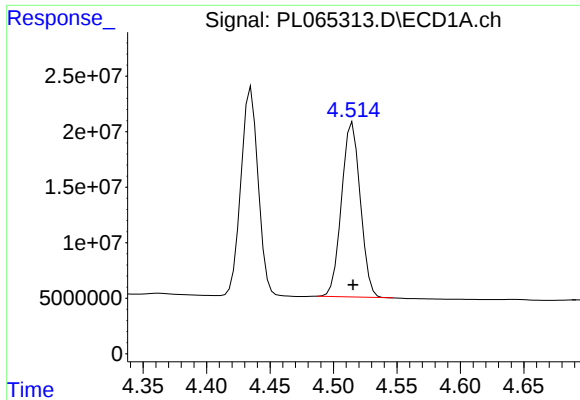
#4 Heptachlor

R.T.: 4.277 min
Delta R.T.: 0.000 min
Response: 166053558
Conc: 46.24 ng/ml



#4 Heptachlor

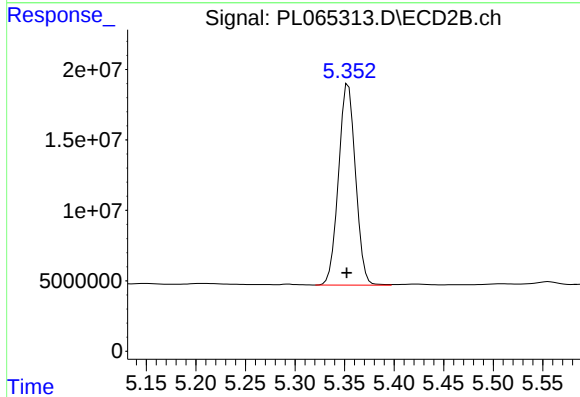
R.T.: 5.053 min
Delta R.T.: 0.002 min
Response: 175043577
Conc: 48.94 ng/ml



#5 Aldrin

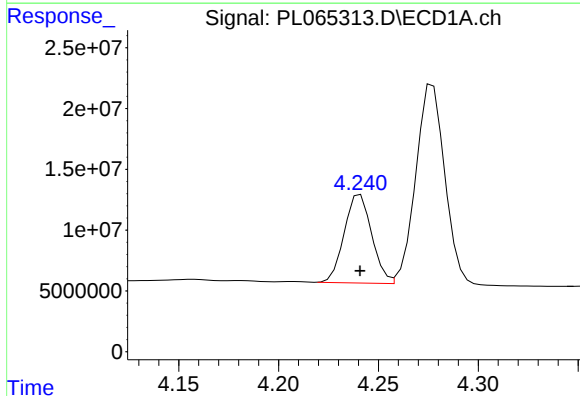
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 161713629
Conc: 47.53 ng/ml

Instrument :
ECD_S
ClientSampleId :



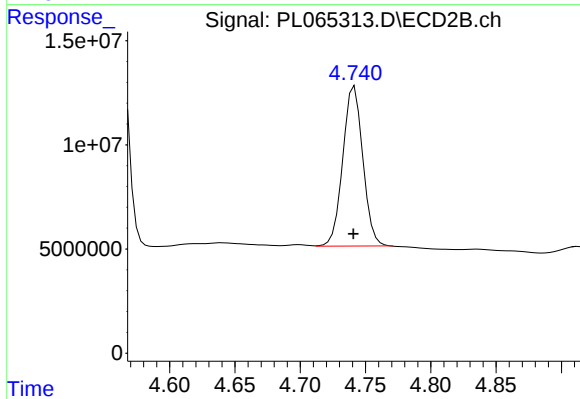
#5 Aldrin

R.T.: 5.354 min
Delta R.T.: 0.002 min
Response: 170564169
Conc: 49.17 ng/ml



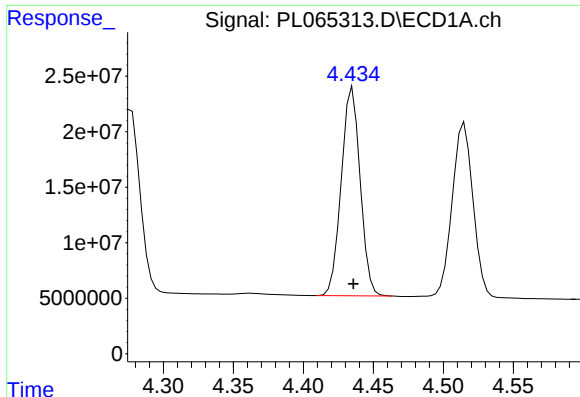
#6 beta-BHC

R.T.: 4.241 min
Delta R.T.: 0.000 min
Response: 69758016
Conc: 45.70 ng/ml



#6 beta-BHC

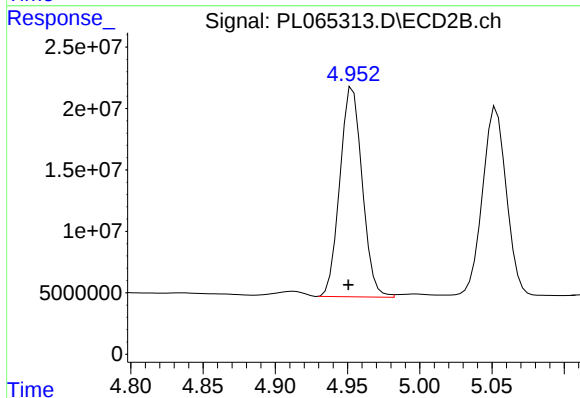
R.T.: 4.742 min
Delta R.T.: 0.001 min
Response: 81839288
Conc: 46.89 ng/ml



#7 delta-BHC

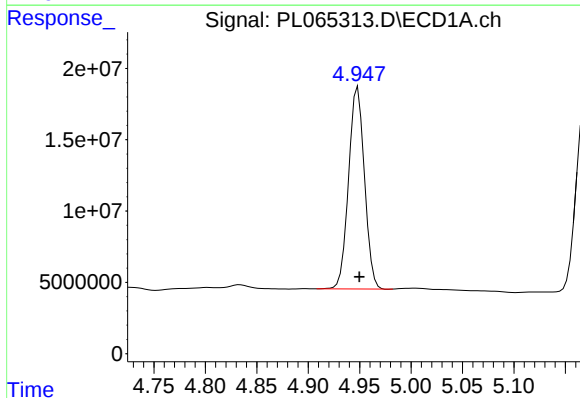
R.T.: 4.435 min
Delta R.T.: 0.000 min
Response: 176435590
Conc: 48.54 ng/ml

Instrument :
ECD_S
ClientSampleId :



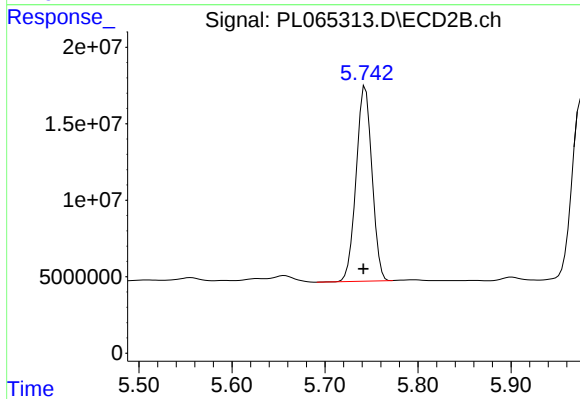
#7 delta-BHC

R.T.: 4.954 min
Delta R.T.: 0.003 min
Response: 183266396
Conc: 47.93 ng/ml



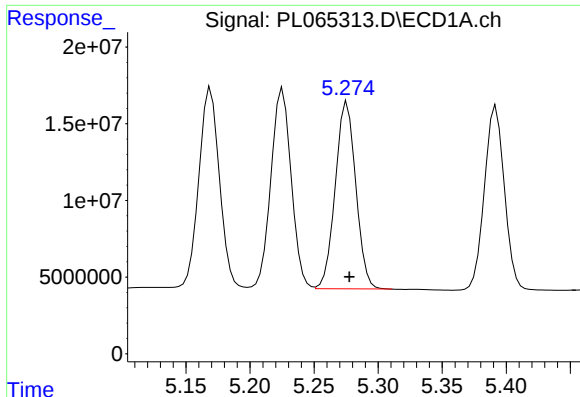
#8 Heptachlor epoxide

R.T.: 4.948 min
Delta R.T.: -0.001 min
Response: 151897552
Conc: 47.19 ng/ml



#8 Heptachlor epoxide

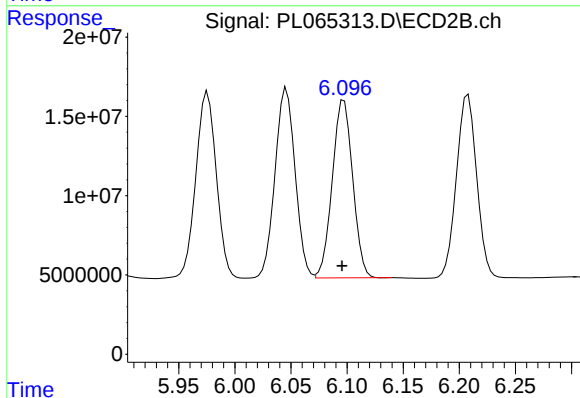
R.T.: 5.743 min
Delta R.T.: 0.002 min
Response: 150759842
Conc: 50.54 ng/ml



#9 Endosulfan I

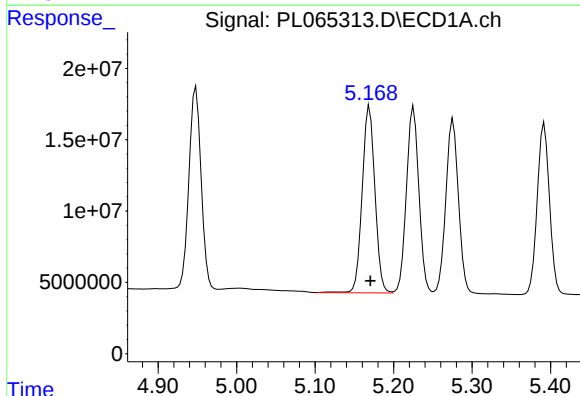
R.T.: 5.276 min
Delta R.T.: -0.002 min
Response: 135835873
Conc: 48.42 ng/ml

Instrument :
ECD_S
ClientSampleId :



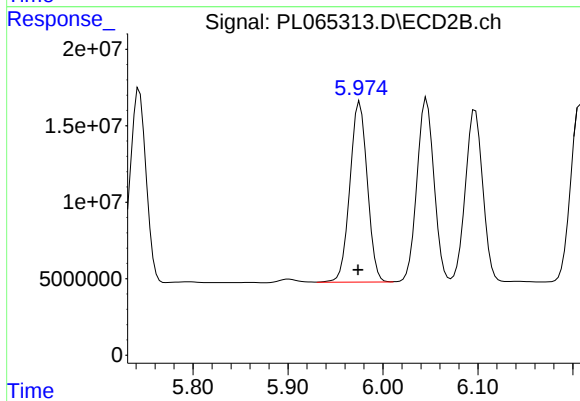
#9 Endosulfan I

R.T.: 6.097 min
Delta R.T.: 0.002 min
Response: 142161269
Conc: 51.03 ng/ml



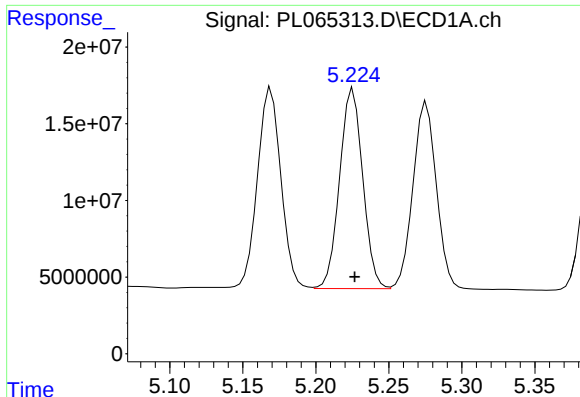
#10 gamma-Chlordane

R.T.: 5.169 min
Delta R.T.: -0.001 min
Response: 147535876
Conc: 46.65 ng/ml



#10 gamma-Chlordane

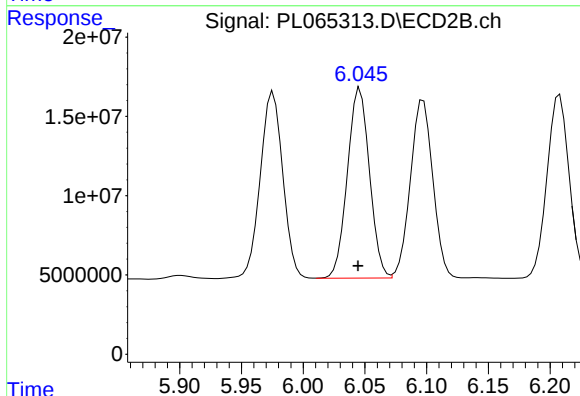
R.T.: 5.976 min
Delta R.T.: 0.002 min
Response: 150082165
Conc: 50.28 ng/ml



#11 alpha-Chlordane

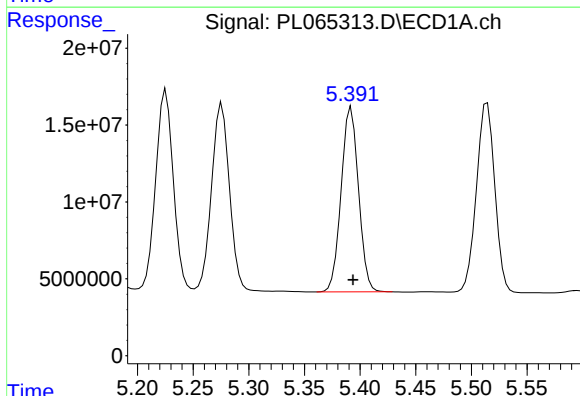
R.T.: 5.226 min
Delta R.T.: -0.001 min
Response: 144027408
Conc: 47.54 ng/ml

Instrument :
ECD_S
ClientSampleId :



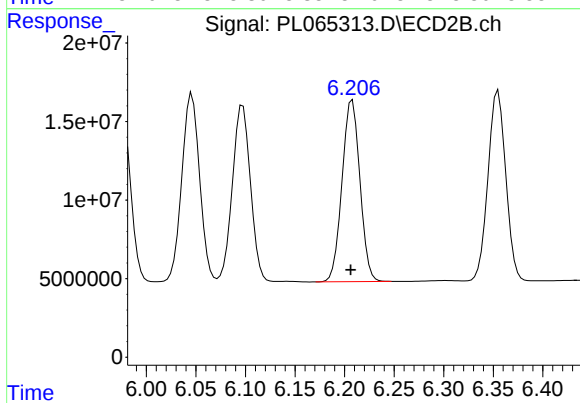
#11 alpha-Chlordane

R.T.: 6.046 min
Delta R.T.: 0.001 min
Response: 149570571
Conc: 51.38 ng/ml



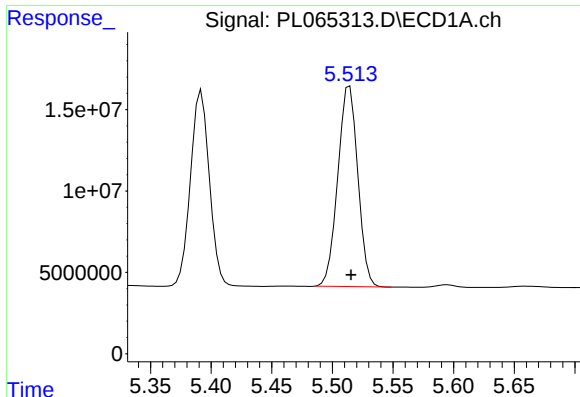
#12 4,4'-DDE

R.T.: 5.392 min
Delta R.T.: -0.002 min
Response: 130540839
Conc: 44.11 ng/ml



#12 4,4'-DDE

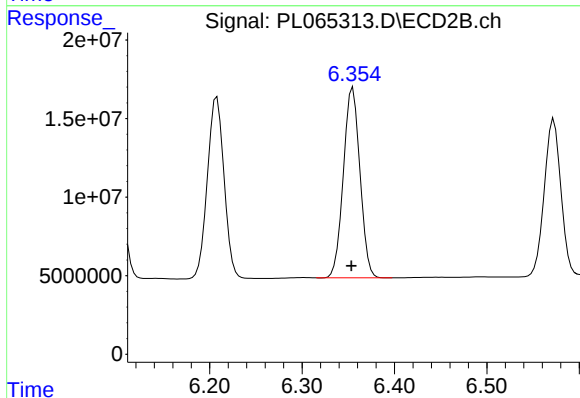
R.T.: 6.208 min
Delta R.T.: 0.002 min
Response: 145208817
Conc: 52.34 ng/ml



#13 Dieldrin

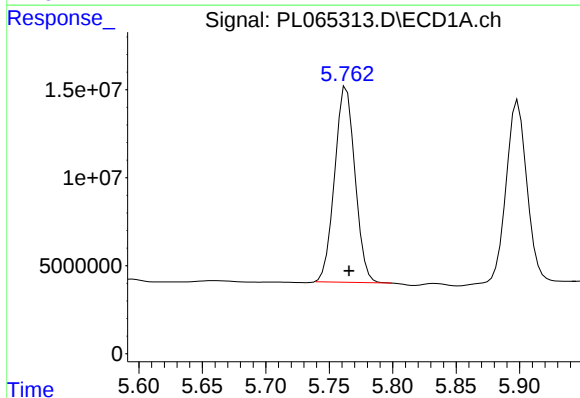
R.T.: 5.514 min
Delta R.T.: -0.001 min
Response: 141180273
Conc: 47.36 ng/ml

Instrument :
ECD_S
ClientSampleId :



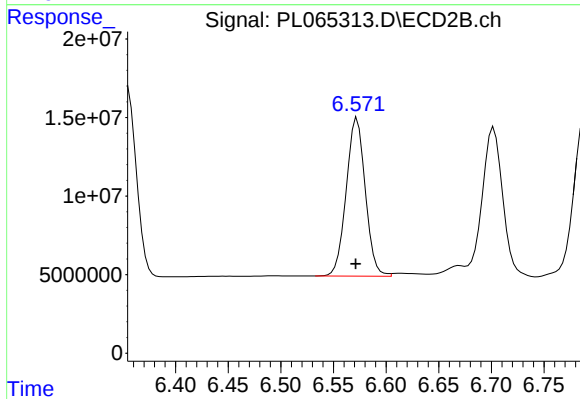
#13 Dieldrin

R.T.: 6.355 min
Delta R.T.: 0.001 min
Response: 150948546
Conc: 51.33 ng/ml



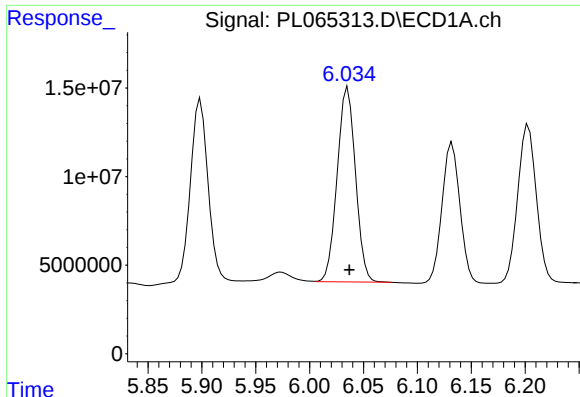
#14 Endrin

R.T.: 5.764 min
Delta R.T.: -0.002 min
Response: 123888406
Conc: 48.91 ng/ml



#14 Endrin

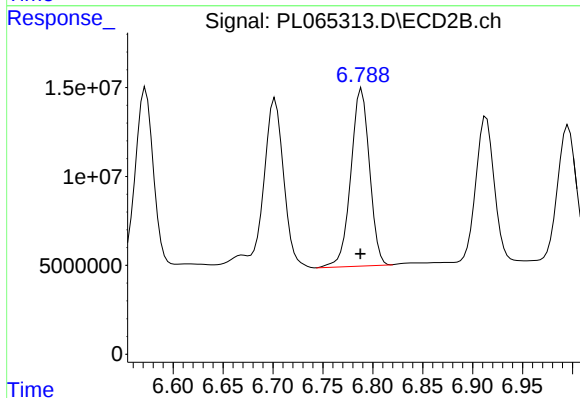
R.T.: 6.572 min
Delta R.T.: 0.001 min
Response: 127329246
Conc: 56.28 ng/ml



#15 Endosulfan II

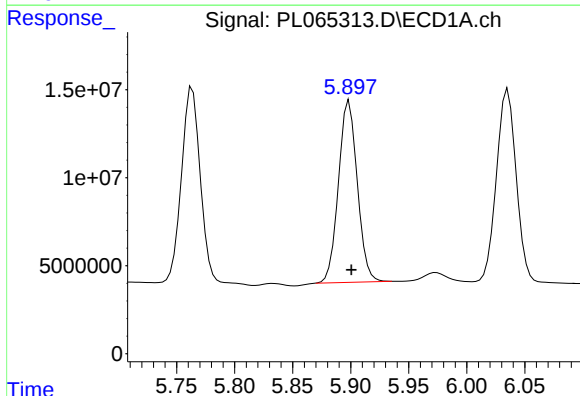
R.T.: 6.035 min
Delta R.T.: -0.002 min
Response: 129923909
Conc: 53.03 ng/ml

Instrument :
ECD_S
ClientSampleId :



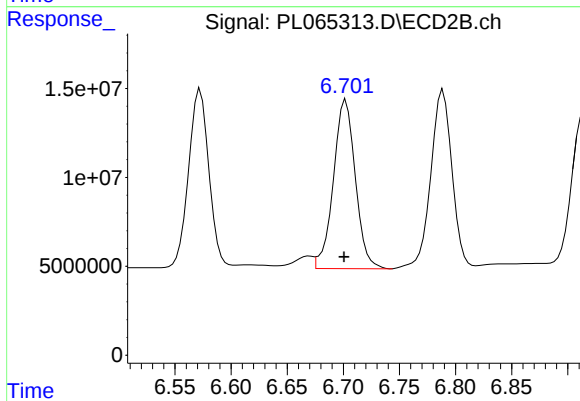
#15 Endosulfan II

R.T.: 6.789 min
Delta R.T.: 0.001 min
Response: 129471660
Conc: 57.95 ng/ml



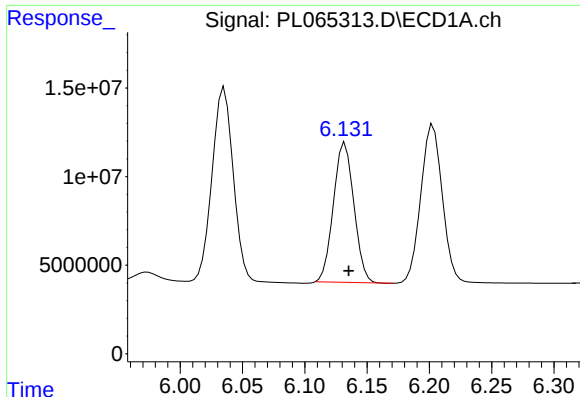
#16 4,4'-DDD

R.T.: 5.899 min
Delta R.T.: -0.002 min
Response: 117060652
Conc: 49.37 ng/ml



#16 4,4'-DDD

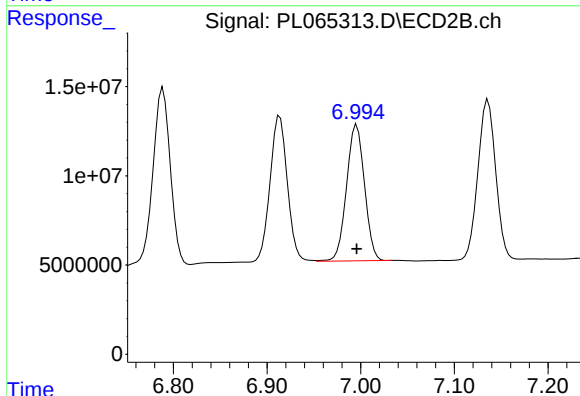
R.T.: 6.702 min
Delta R.T.: 0.002 min
Response: 129488707
Conc: 53.35 ng/ml



#17 4,4'-DDT

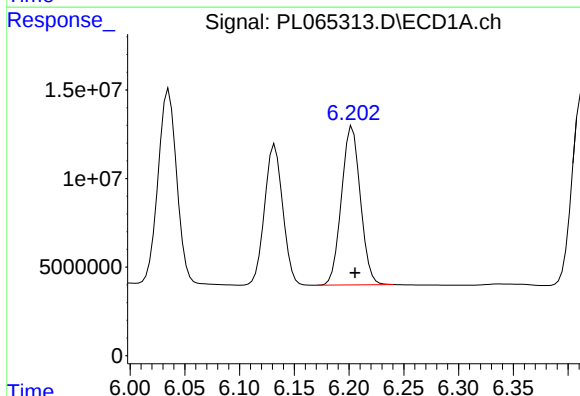
R.T.: 6.132 min
Delta R.T.: -0.003 min
Response: 90138729
Conc: 46.50 ng/ml

Instrument :
ECD_S
ClientSampleId :



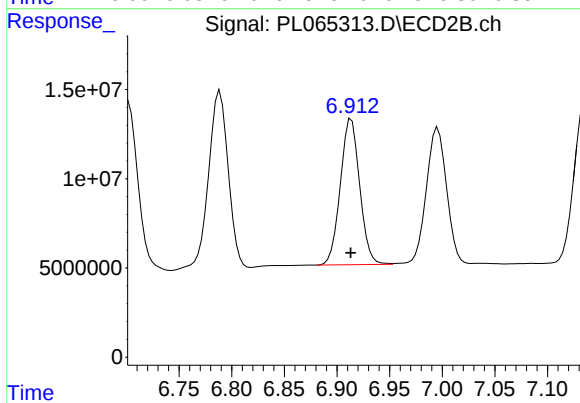
#17 4,4'-DDT

R.T.: 6.996 min
Delta R.T.: 0.000 min
Response: 101813670
Conc: 50.16 ng/ml



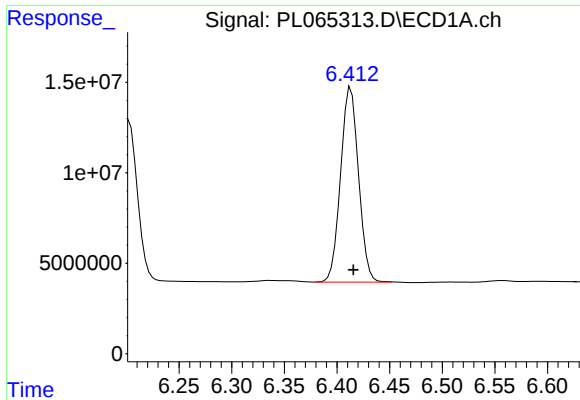
#18 Endrin aldehyde

R.T.: 6.203 min
Delta R.T.: -0.003 min
Response: 107316815
Conc: 52.81 ng/ml



#18 Endrin aldehyde

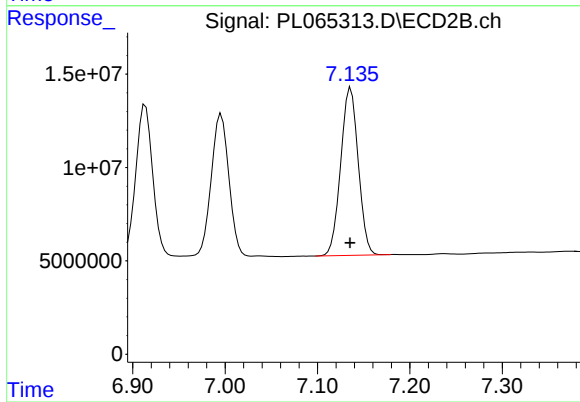
R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 105047528
Conc: 58.16 ng/ml



#19 Endosulfan Sulfate

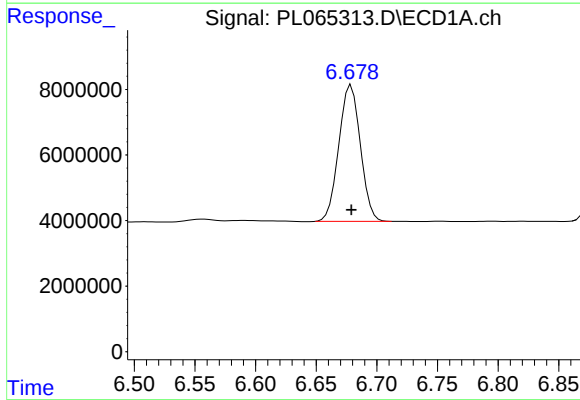
R.T.: 6.413 min
Delta R.T.: -0.002 min
Response: 128113477
Conc: 50.20 ng/ml

Instrument :
ECD_S
ClientSampleId :



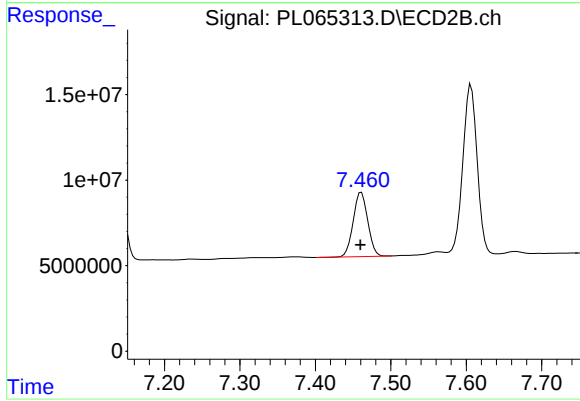
#19 Endosulfan Sulfate

R.T.: 7.136 min
Delta R.T.: 0.000 min
Response: 118592091
Conc: 50.52 ng/ml



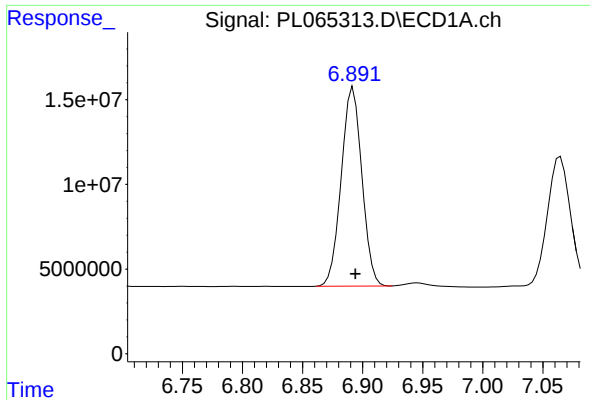
#20 Methoxychlor

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 51511133
Conc: 55.12 ng/ml



#20 Methoxychlor

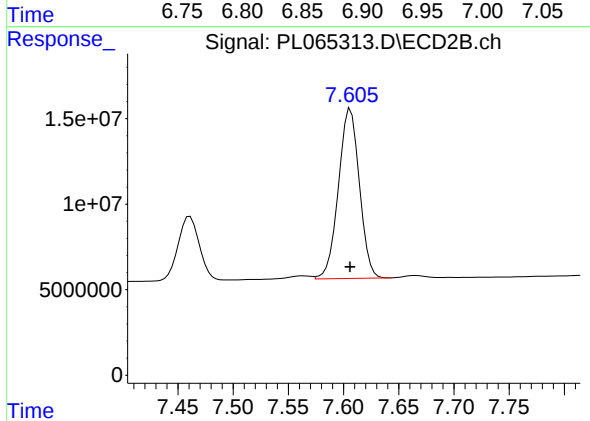
R.T.: 7.461 min
Delta R.T.: 0.001 min
Response: 50670955
Conc: 54.62 ng/ml



#21 Endrin ketone

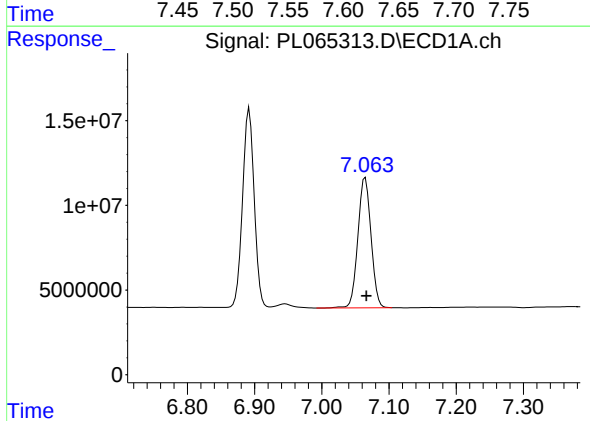
R.T.: 6.892 min
Delta R.T.: -0.002 min
Response: 140711852
Conc: 49.44 ng/ml

Instrument :
ECD_S
ClientSampleId :



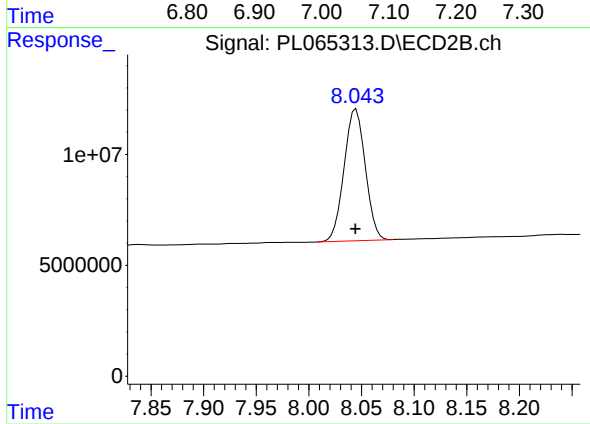
#21 Endrin ketone

R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 131030454
Conc: 50.12 ng/ml



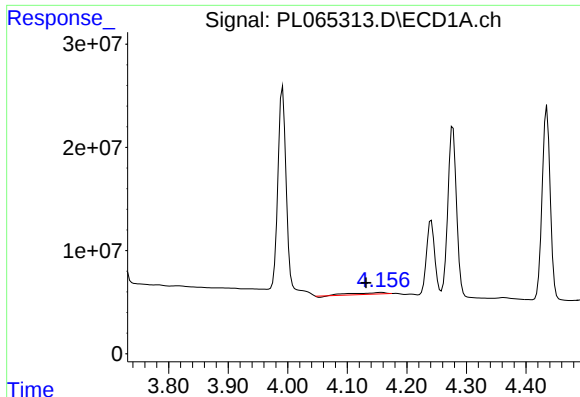
#22 Mirex

R.T.: 7.065 min
Delta R.T.: -0.002 min
Response: 104372974
Conc: 54.14 ng/ml



#22 Mirex

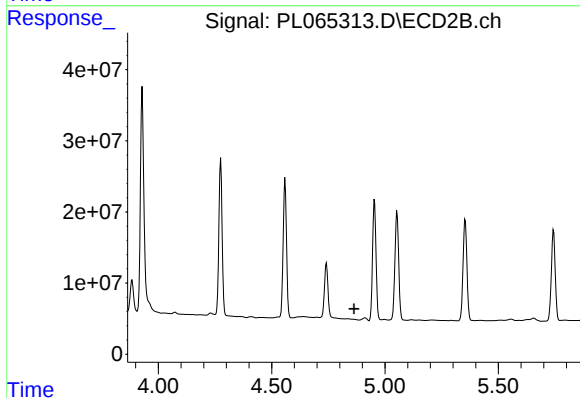
R.T.: 8.045 min
Delta R.T.: 0.000 min
Response: 83691186
Conc: 52.26 ng/ml



#23 Chlordane-1

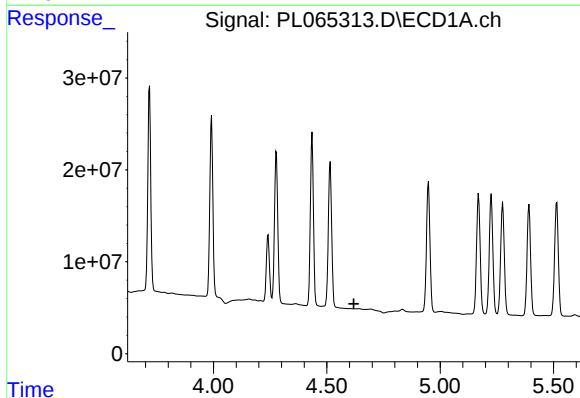
R.T.: 4.157 min
Delta R.T.: 0.026 min
Response: 6338837
Conc: 61.16 ng/ml

Instrument :
ECD_S
ClientSampleId :



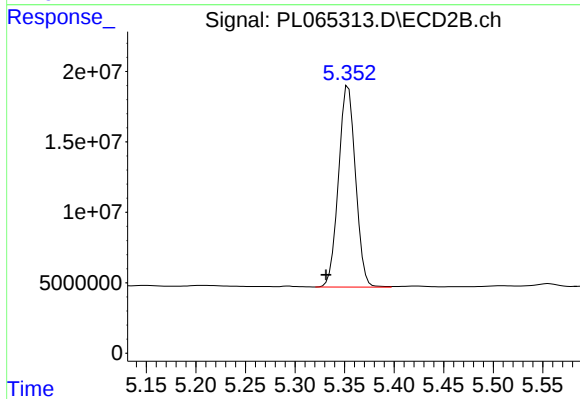
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.864 min
Response: 0
Conc: N.D.



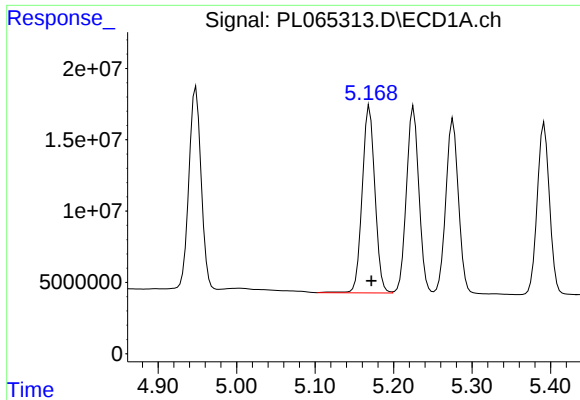
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.619 min
Response: 0
Conc: N.D.



#24 Chlordane-2

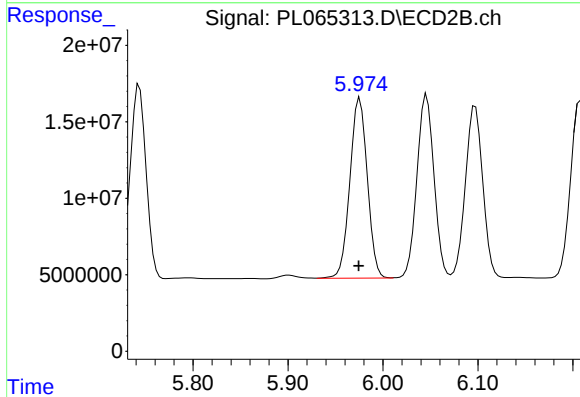
R.T.: 5.354 min
Delta R.T.: 0.022 min
Response: 170564169
Conc: 1657.22 ng/ml



#25 Chlordane-3

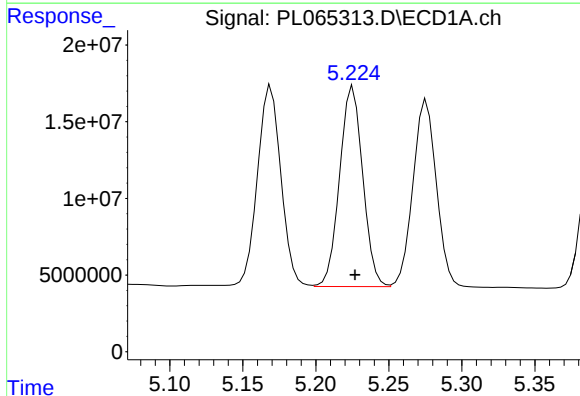
R.T.: 5.169 min
Delta R.T.: -0.003 min
Response: 147535876
Conc: 490.56 ng/ml

Instrument :
ECD_S
ClientSampleId :



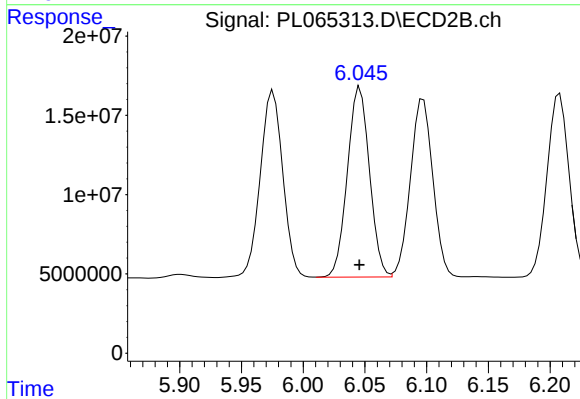
#25 Chlordane-3

R.T.: 5.976 min
Delta R.T.: 0.001 min
Response: 150082165
Conc: 367.20 ng/ml



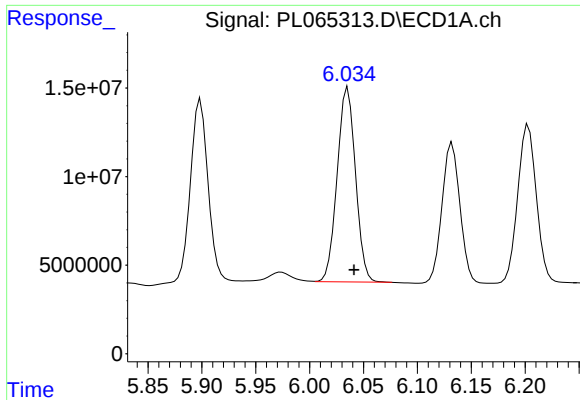
#26 Chlordane-4

R.T.: 5.226 min
Delta R.T.: -0.001 min
Response: 144027408
Conc: 529.39 ng/ml



#26 Chlordane-4

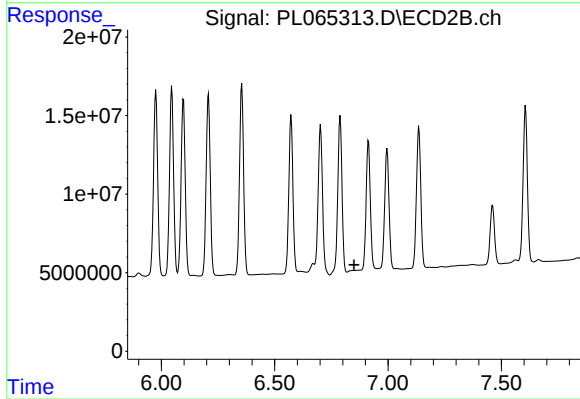
R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 149570571
Conc: 315.48 ng/ml



#27 Chlordane-5

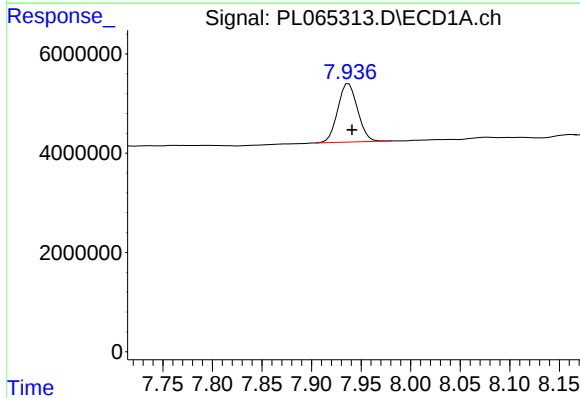
R.T.: 6.035 min
Delta R.T.: -0.006 min
Response: 129923909
Conc: 1431.16 ng/ml

Instrument :
ECD_S
ClientSampleId :



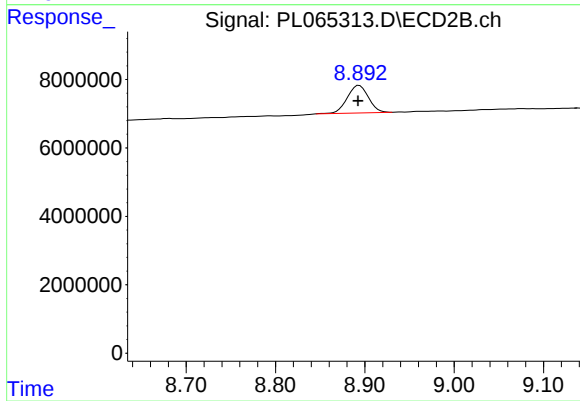
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.850 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.937 min
Delta R.T.: -0.003 min
Response: 16423785
Conc: 7.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.894 min
Delta R.T.: 0.001 min
Response: 13199942
Conc: 7.18 ng/ml