

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050321\
 Data File : PL0666644.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 May 2021 16:41
 Operator : AR\AJ
 Sample : M2234-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 05:25:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042621.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 28 08:49:49 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...	3.427	4.152	76489592	75847765	20.299	21.596
28)	SA Decachlor...	8.164	9.352	57068815	62850300	14.884	20.316 #
Target Compounds							
2)	A alpha-BHC	3.861	4.557	291.2E6	270.5E6	46.795	52.572
3)	MA gamma-BHC...	4.140	4.851	268.0E6	233.5E6	48.707	48.396
4)	MA Heptachlor	4.439	5.366	269.5E6	232.1E6	48.263	47.012
5)	MB Aldrin	4.683	5.679	229.5E6	209.7E6	44.011	44.845
6)	B beta-BHC	4.389	5.027	112.2E6	98209743	42.406	42.023
7)	B delta-BHC	4.590	5.251	271.2E6	217.2E6	47.670	49.028
8)	B Heptachlo...	5.122	6.074	230.0E6	169.0E6	46.961	45.670
9)	A Endosulfan I	5.457	6.438	210.0E6	165.4E6	45.512	43.431
10)	B gamma-Chl...	5.348	6.310	239.6E6	182.7E6	47.021	43.888
11)	B alpha-Chl...	5.405	6.383	229.6E6	188.4E6	46.629	45.417
12)	B 4,4'-DDE	5.573	6.539	392.1E6	326.1E6	85.928	85.957
13)	MA Dieldrin	5.698	6.699	215.8E6	172.5E6	44.491	44.055
14)	MA Endrin	5.952	6.922	204.2E6	148.2E6	46.872	47.280
15)	B Endosulfa...	6.224	7.135	178.9E6	139.3E6	43.360	42.186
16)	A 4,4'-DDD	6.085	7.038	182.8E6	164.5E6	48.116	52.804
17)	MA 4,4'-DDT	6.326	7.340	244.0E6	200.8E6	62.570	62.032
18)	B Endrin al...	6.393	7.262	140.0E6	113.0E6	41.315	40.395
19)	B Endosulfa...	6.605	7.486	179.5E6	137.0E6	41.547	40.047
20)	A Methoxychlor	6.875	7.800	93370275	75354755	47.534	42.009
21)	B Endrin ke...	7.091	7.967	170.9E6	135.4E6	39.007	38.163
22)	Mirex	7.279	8.422	132.3E6	111.5E6	36.008	39.954
23)	Chlordane-1	4.294	0.000	4232616	0	25.040	N.D. #
24)	Chlordane-2	0.000	5.679f	0	209.7E6	N.D.	1290.897 #
25)	Chlordane-3	5.348	6.310	239.6E6	182.7E6	481.489	325.943 #
26)	Chlordane-4	5.405	6.383	229.6E6	188.4E6	544.050	280.615 #
27)	Chlordane-5	6.224	7.184f	178.9E6	2558569	1062.456	21.788 #

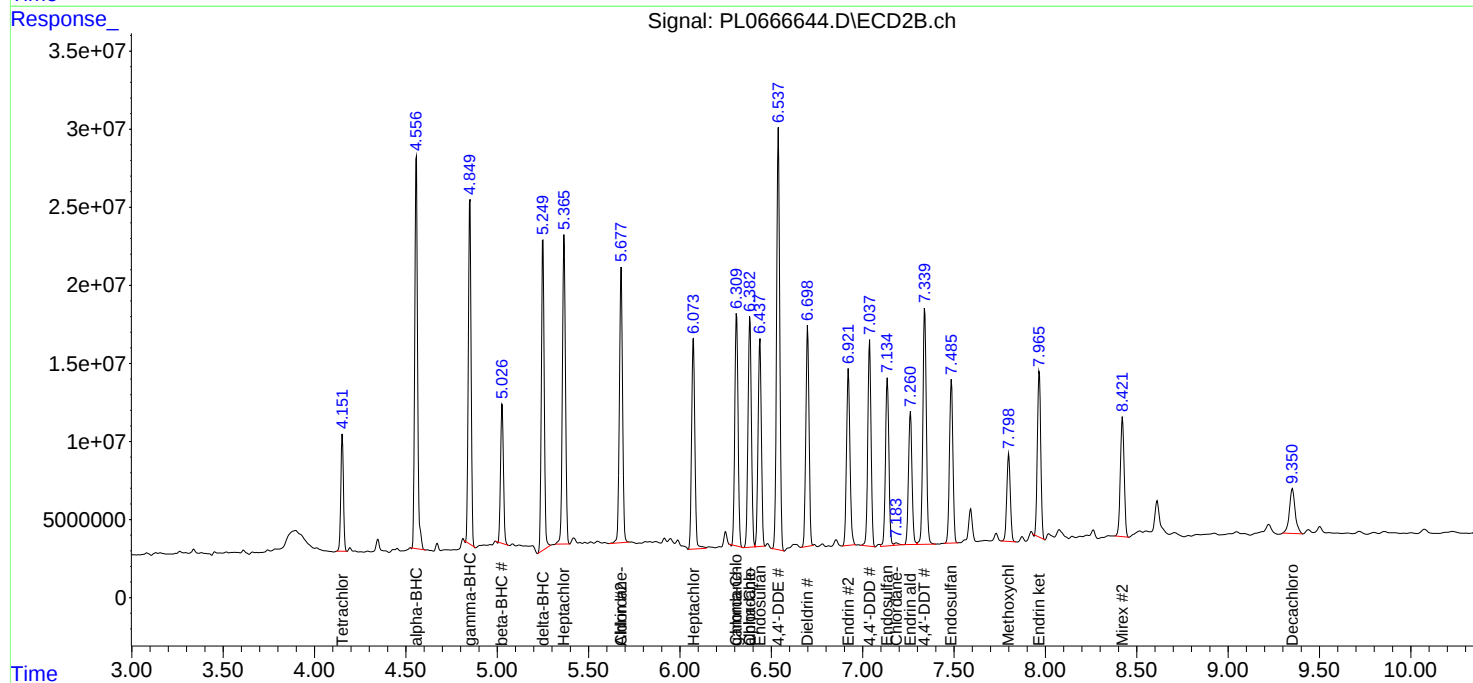
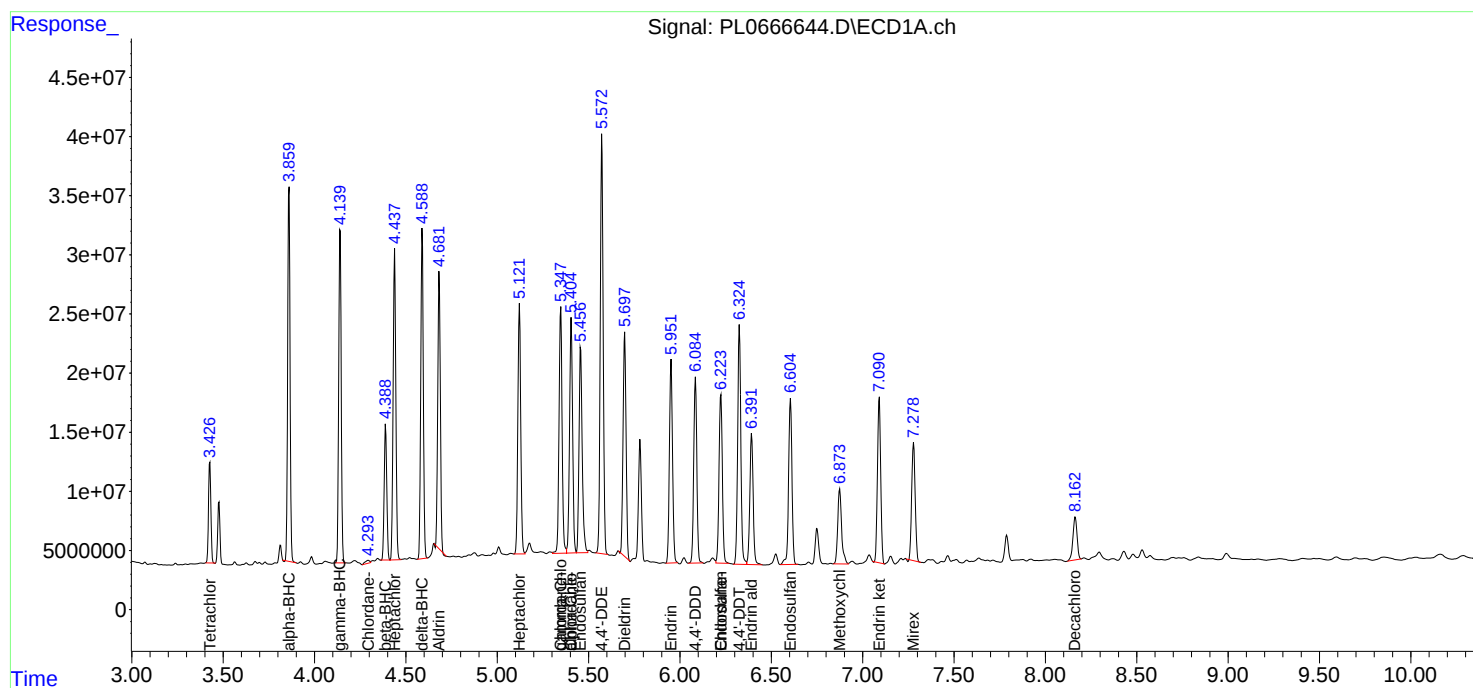
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

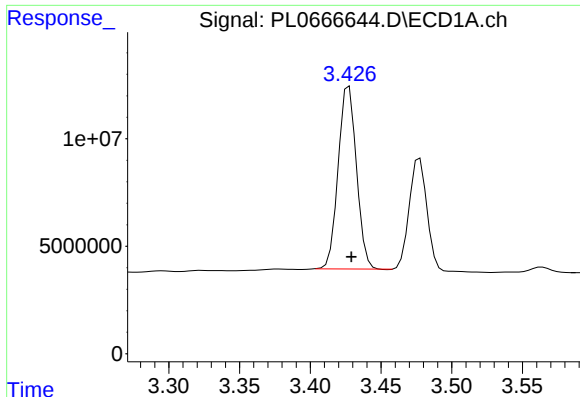
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050321\
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

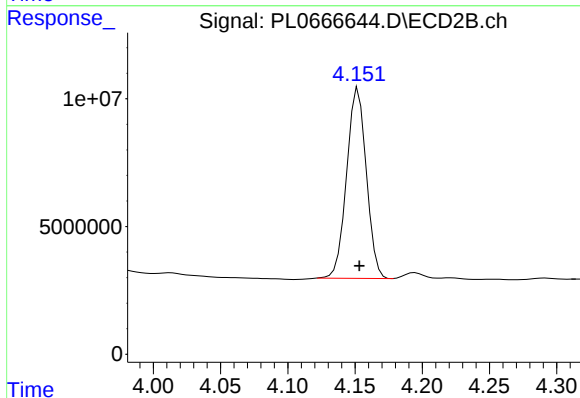




#1 Tetrachloro-m-xylene

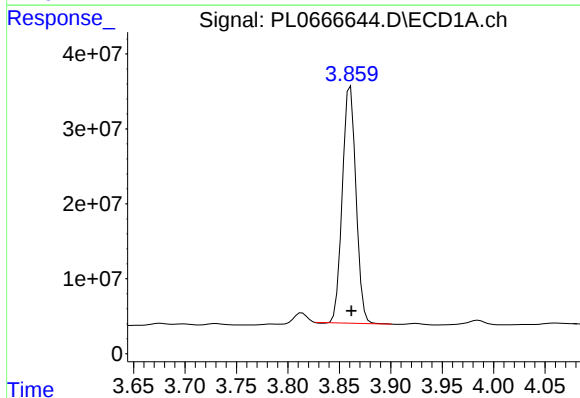
R.T.: 3.427 min
Delta R.T.: -0.002 min
Response: 76489592
Conc: 20.30 ng/ml

Instrument :
ECD_L
ClientSampleId :



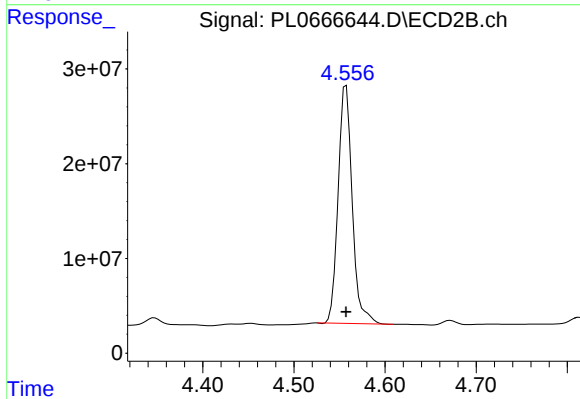
#1 Tetrachloro-m-xylene

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 75847765
Conc: 21.60 ng/ml



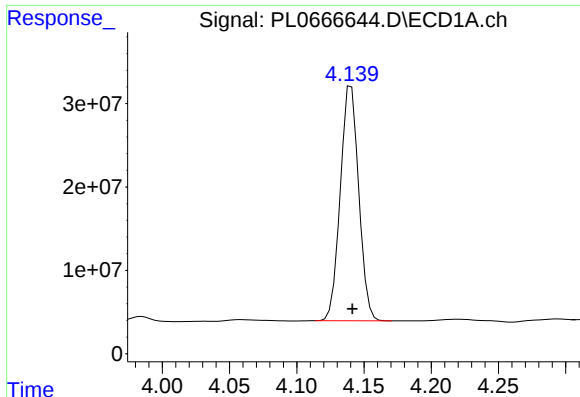
#2 alpha-BHC

R.T.: 3.861 min
Delta R.T.: -0.001 min
Response: 291203734
Conc: 46.79 ng/ml



#2 alpha-BHC

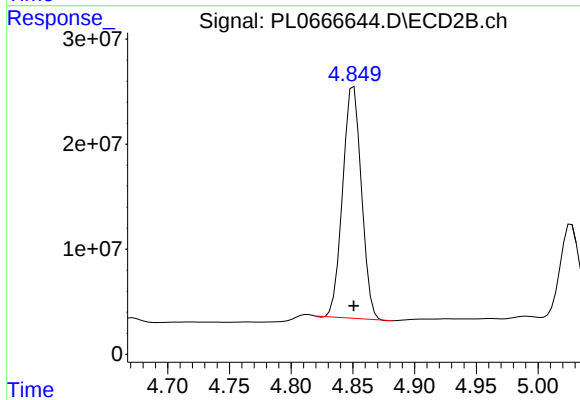
R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 270453941
Conc: 52.57 ng/ml



#3 gamma-BHC (Lindane)

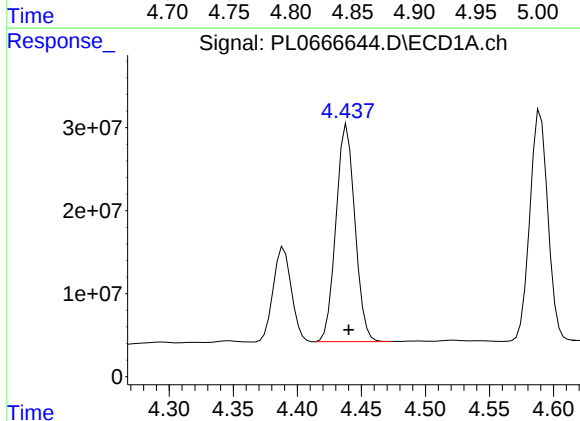
R.T.: 4.140 min
Delta R.T.: 0.000 min
Response: 267992246
Conc: 48.71 ng/ml

Instrument :
ECD_L
ClientSampleId :



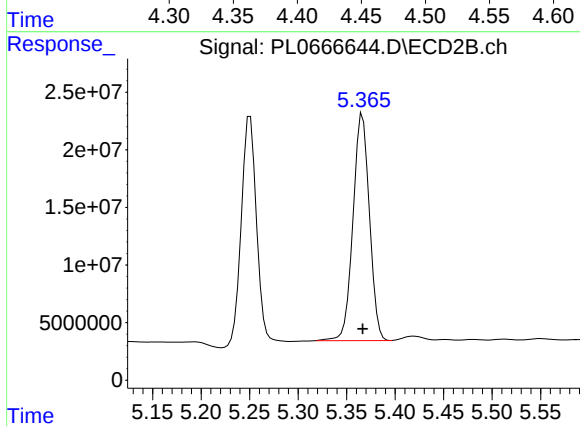
#3 gamma-BHC (Lindane)

R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 233468326
Conc: 48.40 ng/ml



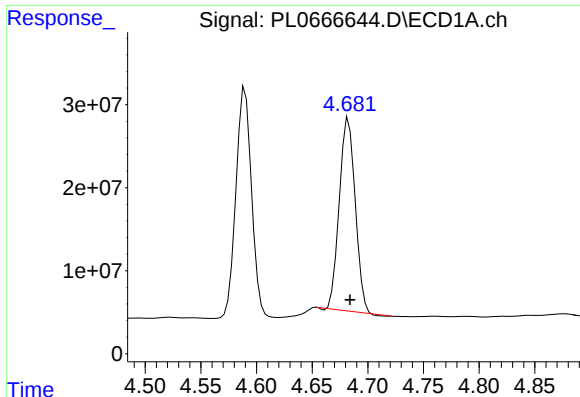
#4 Heptachlor

R.T.: 4.439 min
Delta R.T.: -0.001 min
Response: 269462838
Conc: 48.26 ng/ml



#4 Heptachlor

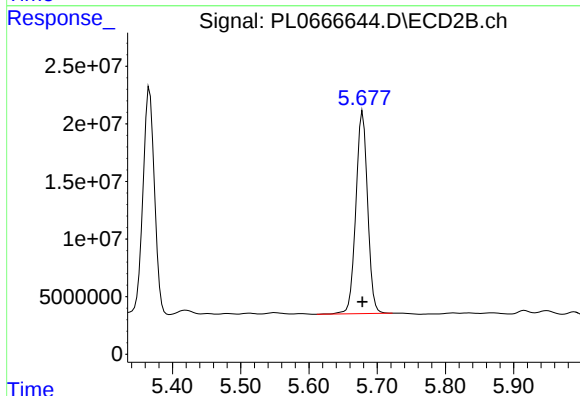
R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 232096296
Conc: 47.01 ng/ml



#5 Aldrin

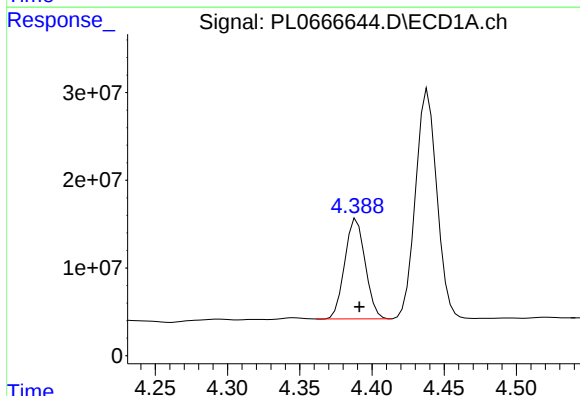
R.T.: 4.683 min
Delta R.T.: -0.001 min
Response: 229545057
Conc: 44.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



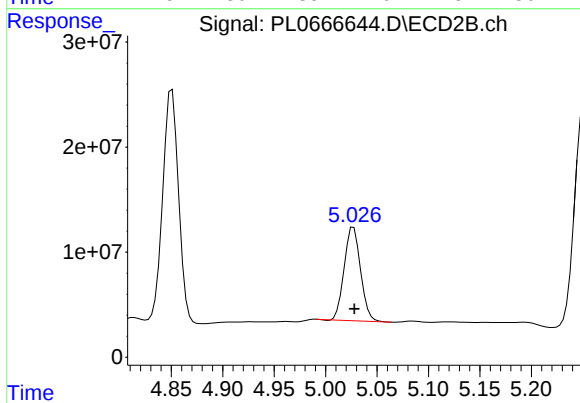
#5 Aldrin

R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 209656105
Conc: 44.85 ng/ml



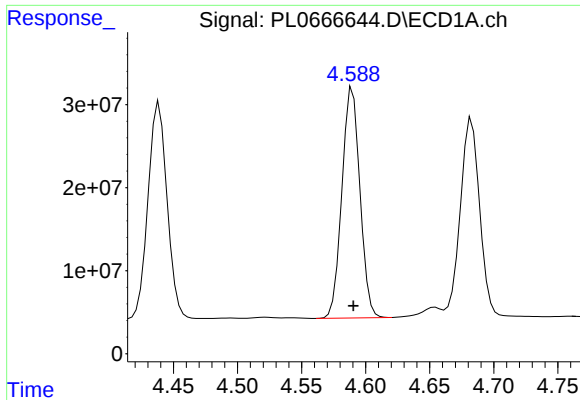
#6 beta-BHC

R.T.: 4.389 min
Delta R.T.: -0.002 min
Response: 112176920
Conc: 42.41 ng/ml



#6 beta-BHC

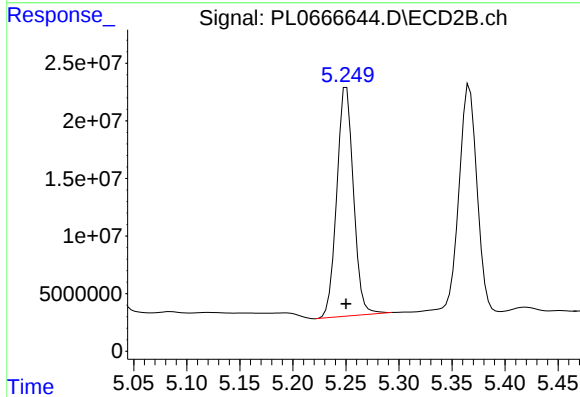
R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 98209743
Conc: 42.02 ng/ml



#7 delta-BHC

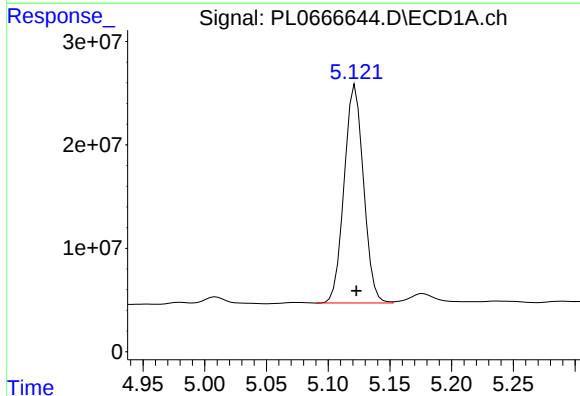
R.T.: 4.590 min
Delta R.T.: 0.000 min
Response: 271207799
Conc: 47.67 ng/ml

Instrument :
ECD_L
ClientSampleId :



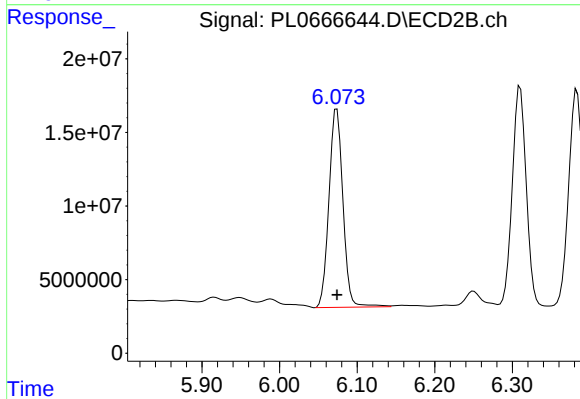
#7 delta-BHC

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 217188427
Conc: 49.03 ng/ml



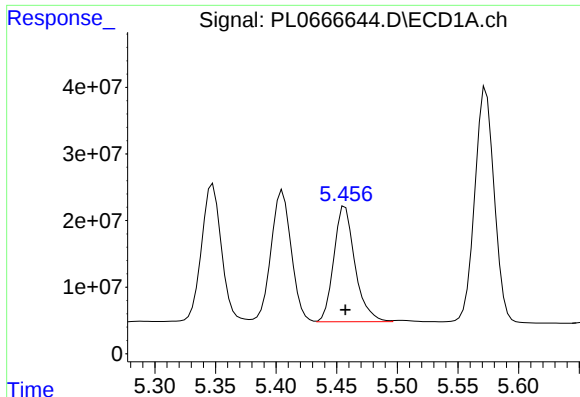
#8 Heptachlor epoxide

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 229978253
Conc: 46.96 ng/ml



#8 Heptachlor epoxide

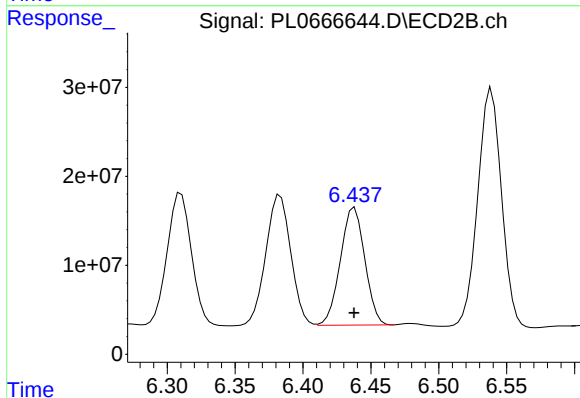
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 168962926
Conc: 45.67 ng/ml



#9 Endosulfan I

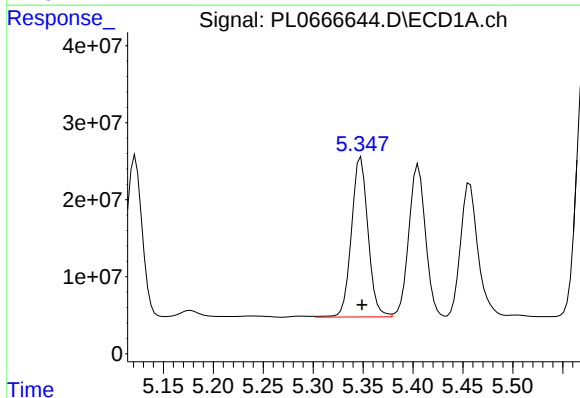
R.T.: 5.457 min
Delta R.T.: 0.000 min
Response: 209982269
Conc: 45.51 ng/ml

Instrument :
ECD_L
ClientSampleId :



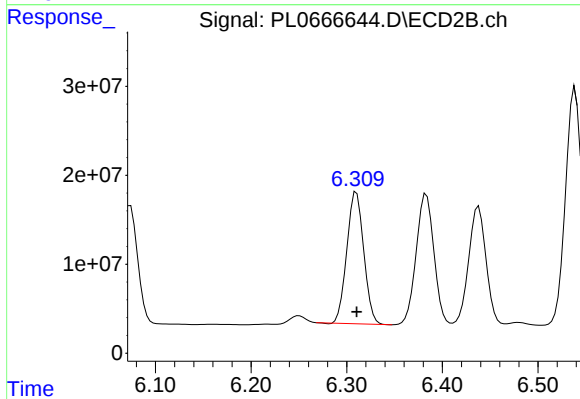
#9 Endosulfan I

R.T.: 6.438 min
Delta R.T.: 0.000 min
Response: 165390596
Conc: 43.43 ng/ml



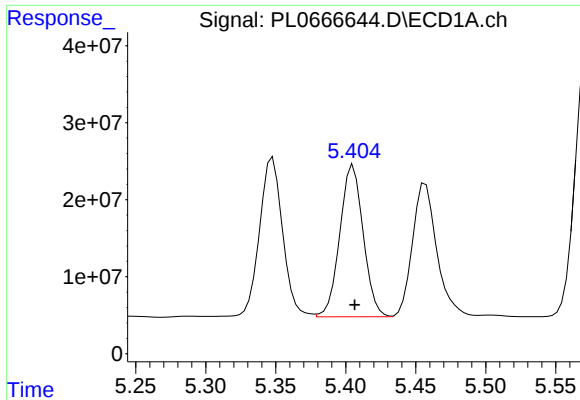
#10 gamma-Chlordane

R.T.: 5.348 min
Delta R.T.: 0.000 min
Response: 239612177
Conc: 47.02 ng/ml



#10 gamma-Chlordane

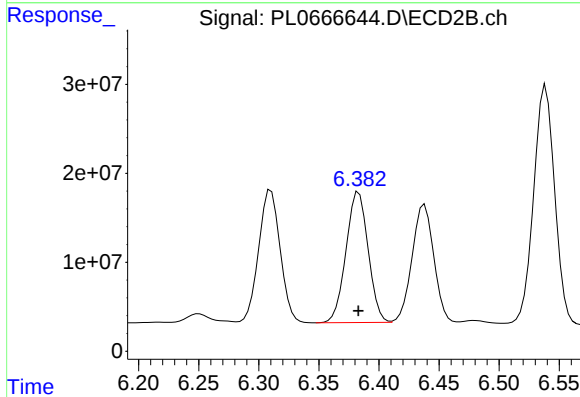
R.T.: 6.310 min
Delta R.T.: 0.000 min
Response: 182696948
Conc: 43.89 ng/ml



#11 alpha-Chlordane

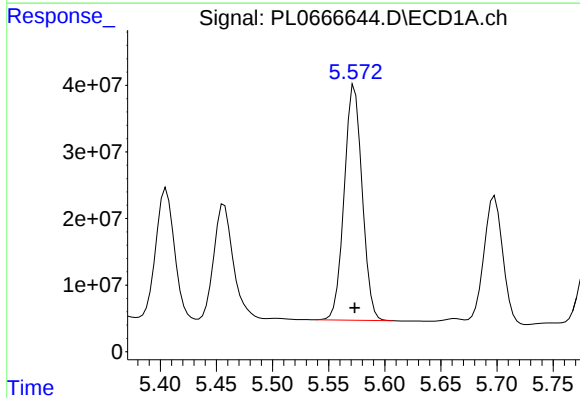
R.T.: 5.405 min
Delta R.T.: -0.001 min
Response: 229593140
Conc: 46.63 ng/ml

Instrument :
ECD_L
ClientSampleId :



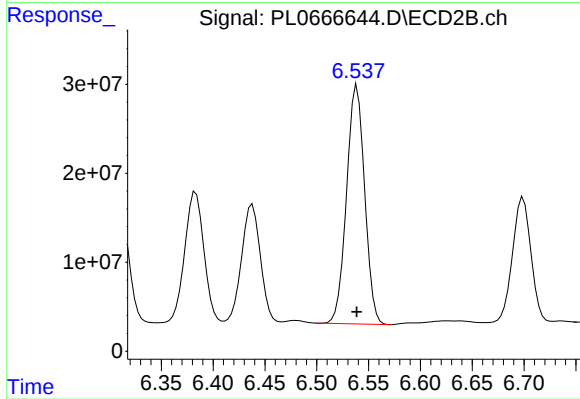
#11 alpha-Chlordane

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 188399414
Conc: 45.42 ng/ml



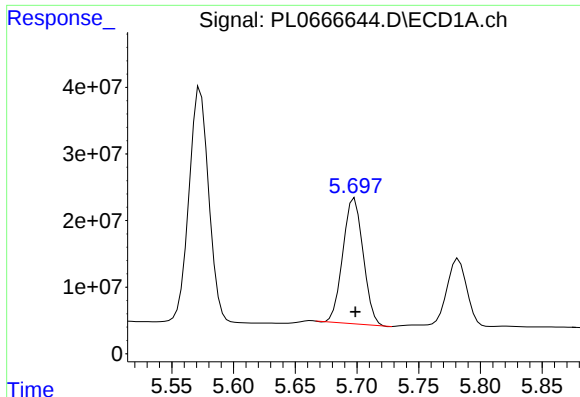
#12 4,4'-DDE

R.T.: 5.573 min
Delta R.T.: 0.000 min
Response: 392084717
Conc: 85.93 ng/ml



#12 4,4'-DDE

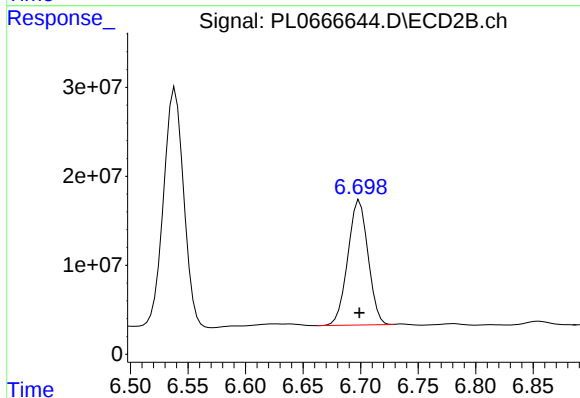
R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 326140044
Conc: 85.96 ng/ml



#13 Dieldrin

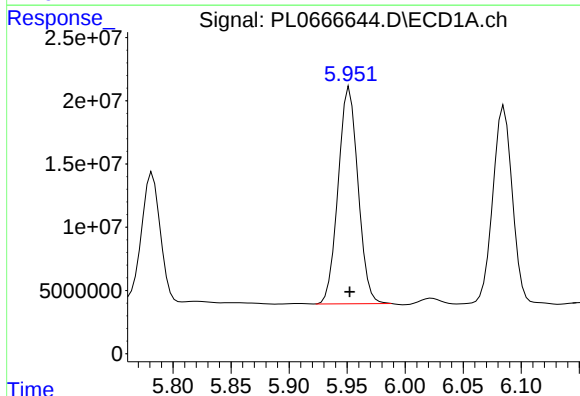
R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 215847896
Conc: 44.49 ng/ml

Instrument :
ECD_L
ClientSampleId :



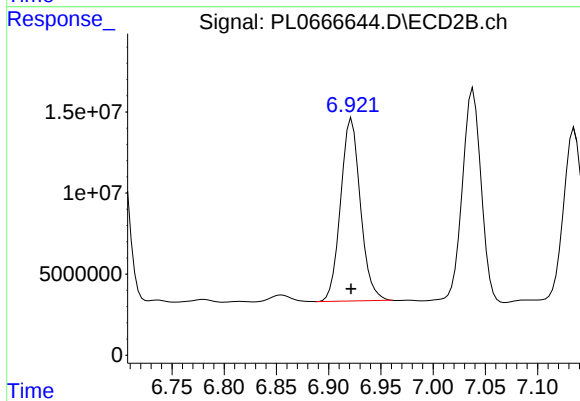
#13 Dieldrin

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 172482770
Conc: 44.05 ng/ml



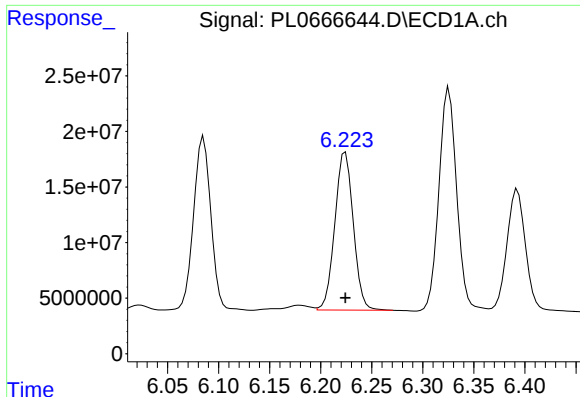
#14 Endrin

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 204180741
Conc: 46.87 ng/ml



#14 Endrin

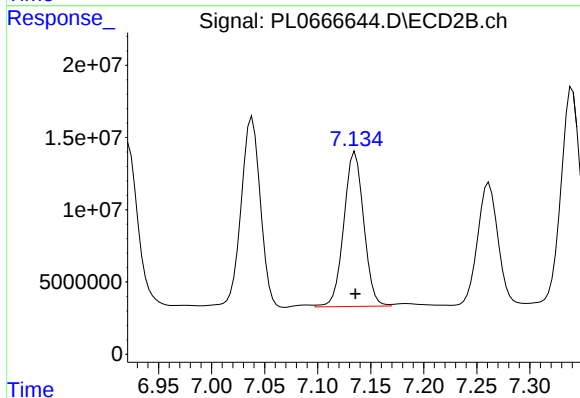
R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 148162382
Conc: 47.28 ng/ml



#15 Endosulfan II

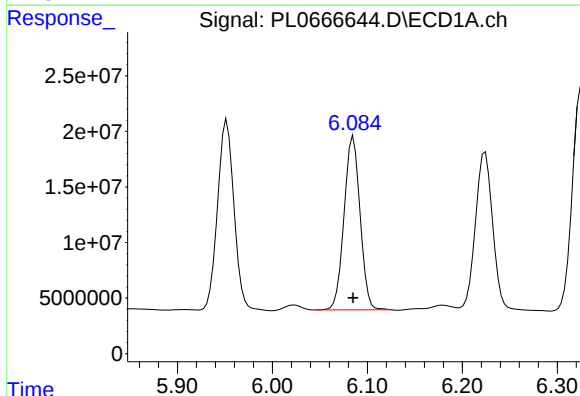
R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 178914512
Conc: 43.36 ng/ml

Instrument :
ECD_L
ClientSampleId :



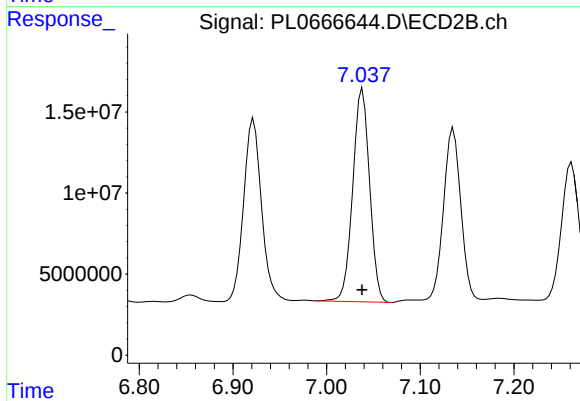
#15 Endosulfan II

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 139332684
Conc: 42.19 ng/ml



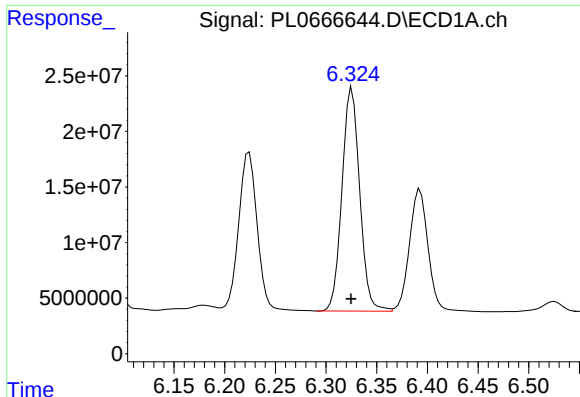
#16 4,4'-DDD

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 182752147
Conc: 48.12 ng/ml



#16 4,4'-DDD

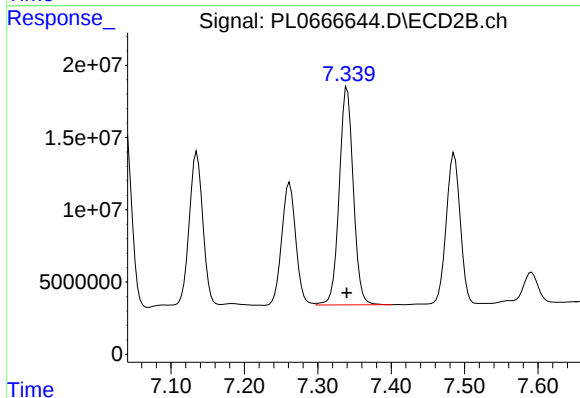
R.T.: 7.038 min
Delta R.T.: 0.000 min
Response: 164473574
Conc: 52.80 ng/ml



#17 4,4'-DDT

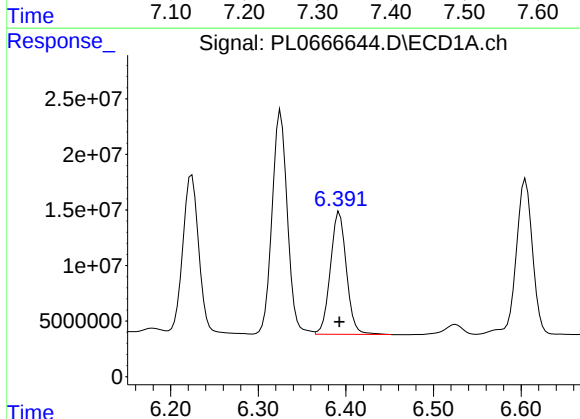
R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 243975226
Conc: 62.57 ng/ml

Instrument :
ECD_L
ClientSampleId :



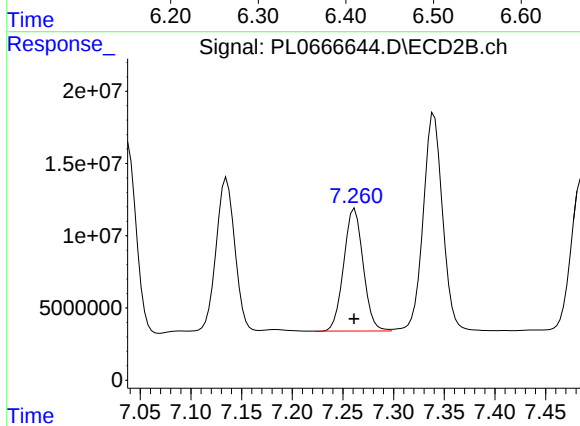
#17 4,4'-DDT

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 200771980
Conc: 62.03 ng/ml



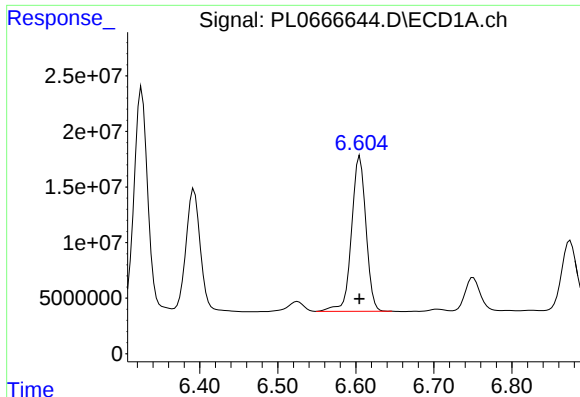
#18 Endrin aldehyde

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 139977643
Conc: 41.32 ng/ml



#18 Endrin aldehyde

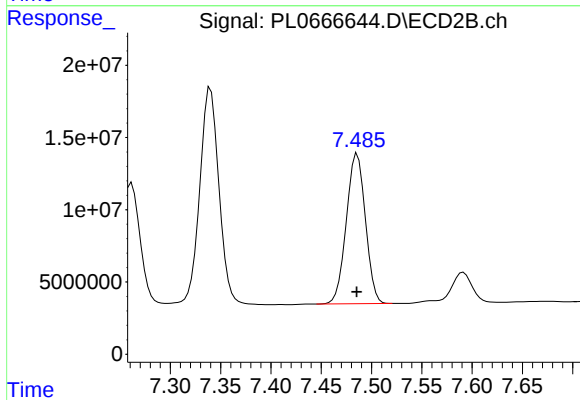
R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 112987053
Conc: 40.40 ng/ml



#19 Endosulfan Sulfate

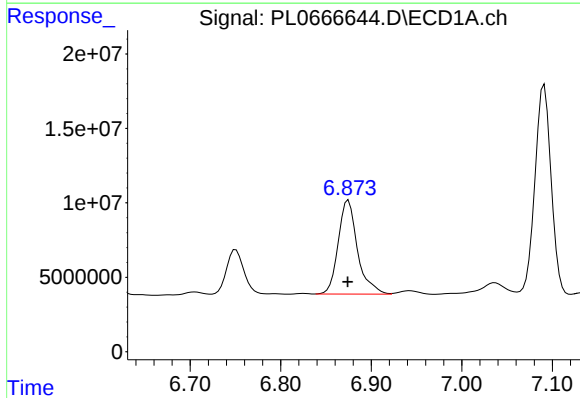
R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 179546067
Conc: 41.55 ng/ml

Instrument :
ECD_L
ClientSampleId :



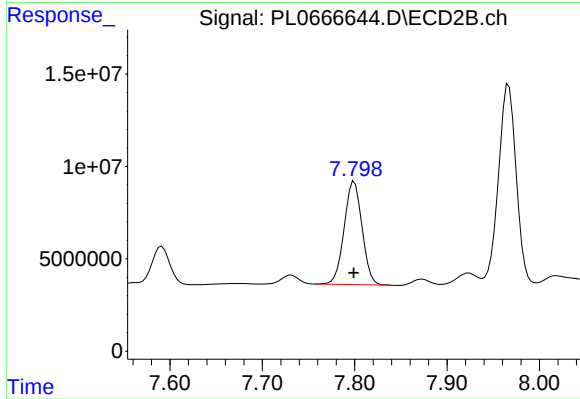
#19 Endosulfan Sulfate

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 136983035
Conc: 40.05 ng/ml



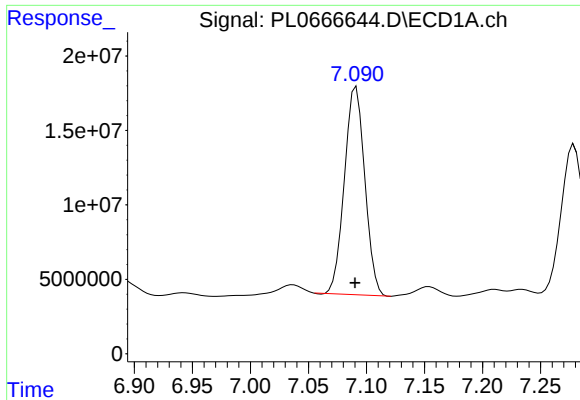
#20 Methoxychlor

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 93370275
Conc: 47.53 ng/ml



#20 Methoxychlor

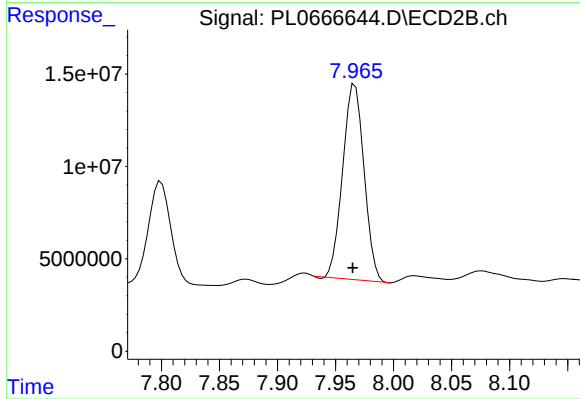
R.T.: 7.800 min
Delta R.T.: 0.000 min
Response: 75354755
Conc: 42.01 ng/ml



#21 Endrin ketone

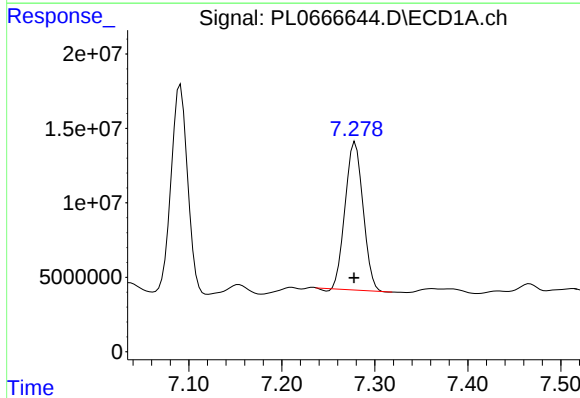
R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 170896244
Conc: 39.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



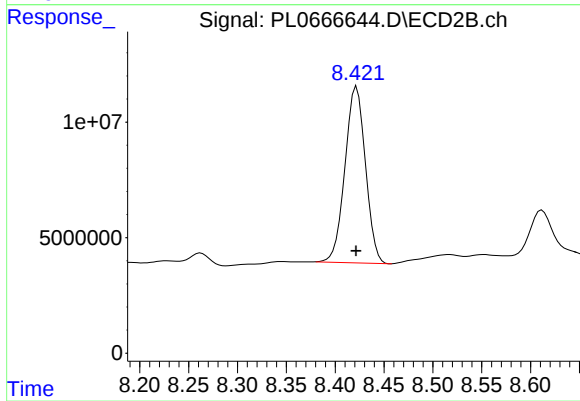
#21 Endrin ketone

R.T.: 7.967 min
Delta R.T.: 0.002 min
Response: 135448295
Conc: 38.16 ng/ml



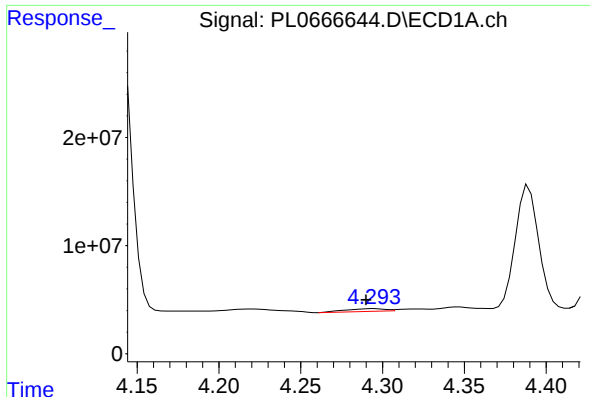
#22 Mirex

R.T.: 7.279 min
Delta R.T.: 0.001 min
Response: 132267501
Conc: 36.01 ng/ml



#22 Mirex

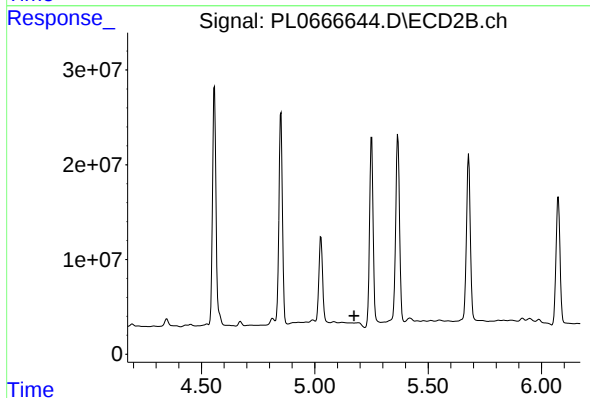
R.T.: 8.422 min
Delta R.T.: 0.000 min
Response: 111459131
Conc: 39.95 ng/ml



#23 Chlordane-1

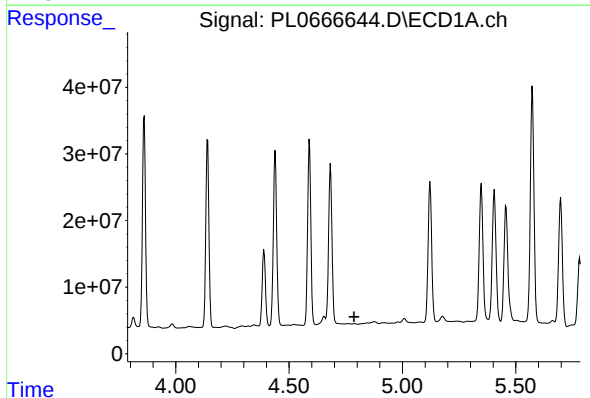
R.T.: 4.294 min
Delta R.T.: 0.005 min
Response: 4232616
Conc: 25.04 ng/ml

Instrument :
ECD_L
ClientSampleId :



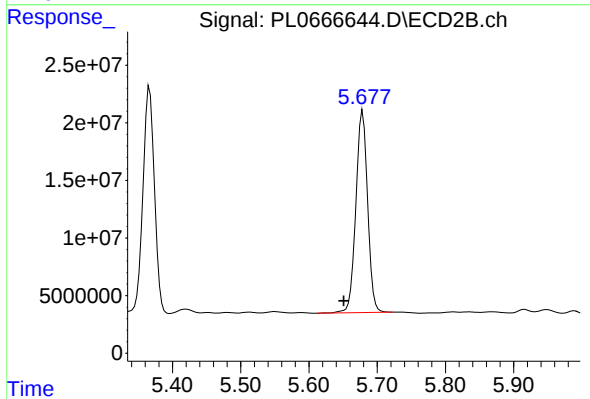
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.174 min
Response: 0
Conc: N.D.



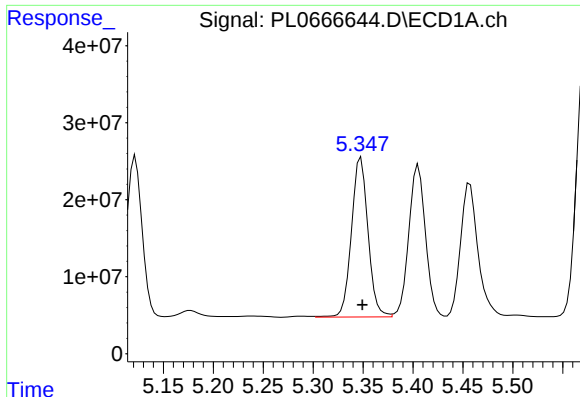
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.786 min
Response: 0
Conc: N.D.



#24 Chlordane-2

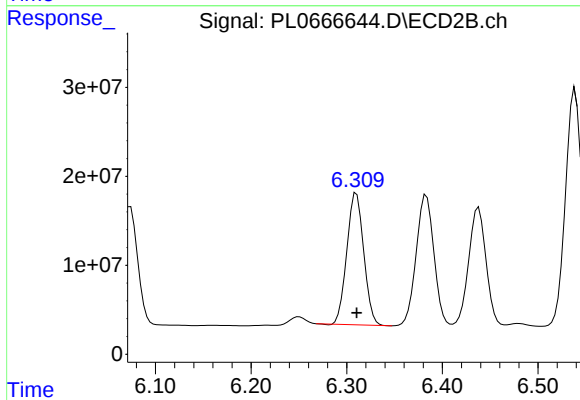
R.T.: 5.679 min
Delta R.T.: 0.028 min
Response: 209656105
Conc: 1290.90 ng/ml



#25 Chlordane-3

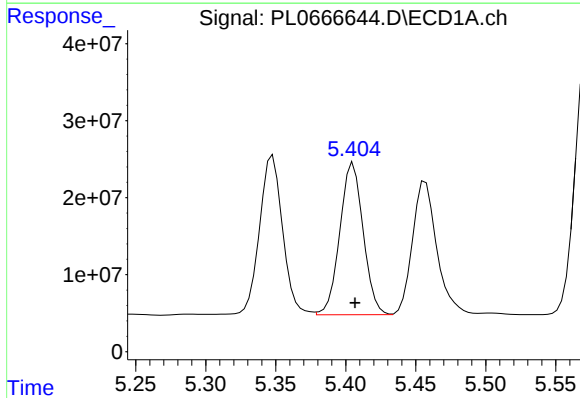
R.T.: 5.348 min
Delta R.T.: -0.002 min
Response: 239612177
Conc: 481.49 ng/ml

Instrument :
ECD_L
ClientSampleId :



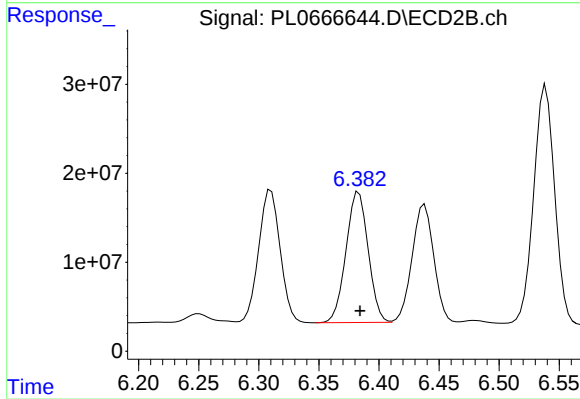
#25 Chlordane-3

R.T.: 6.310 min
Delta R.T.: 0.000 min
Response: 182696948
Conc: 325.94 ng/ml



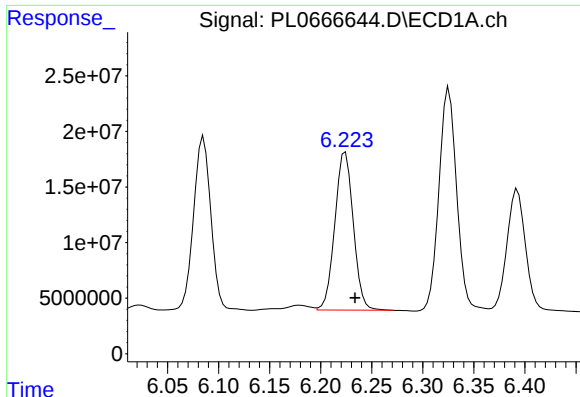
#26 Chlordane-4

R.T.: 5.405 min
Delta R.T.: -0.001 min
Response: 229593140
Conc: 544.05 ng/ml



#26 Chlordane-4

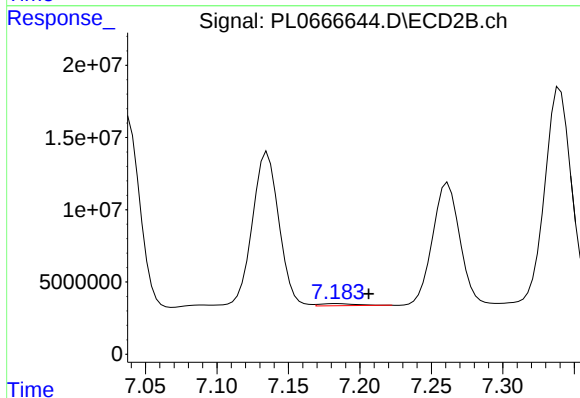
R.T.: 6.383 min
Delta R.T.: -0.001 min
Response: 188399414
Conc: 280.61 ng/ml



#27 Chlordane-5

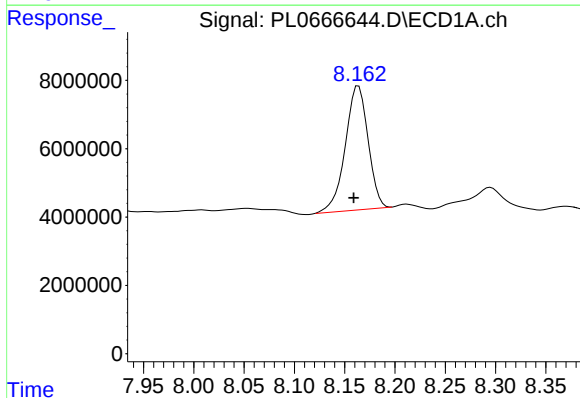
R.T.: 6.224 min
Delta R.T.: -0.009 min
Response: 178914512
Conc: 1062.46 ng/ml

Instrument :
ECD_L
ClientSampleId :



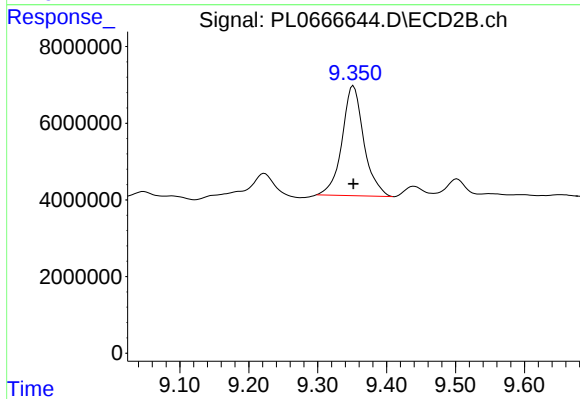
#27 Chlordane-5

R.T.: 7.184 min
Delta R.T.: -0.022 min
Response: 2558569
Conc: 21.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.164 min
Delta R.T.: 0.005 min
Response: 57068815
Conc: 14.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.352 min
Delta R.T.: 0.000 min
Response: 62850300
Conc: 20.32 ng/ml