

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062024\
 Data File : PL090254.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2024 14:07
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 02:23:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052424.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 14:57:01 2024
 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...	3.548	2.792	46605600	30919209	22.259	21.564
28)	SA Decachlor...	9.057	7.936	31681136	31332624	21.546	21.085
Target Compounds							
2)	A alpha-BHC	4.003	3.296	33356232	20503352	11.188	9.592
3)	MA gamma-BHC...	4.336	3.627	32091856	19643294	11.042	9.392
4)	MA Heptachlor	4.920	3.998f	469941	77042	0.180	0.039 #
5)	MB Aldrin	5.265	4.259	59545	1060933	0.022	0.531 #
6)	B beta-BHC	4.531	3.924	15315390	10190625	11.725	11.140
7)	B delta-BHC	4.764f	4.152	1303895	168879	0.473	0.084 #
8)	B Heptachlo...	5.686	0.000	6436653	0	2.584	N.D. #
9)	A Endosulfan I	6.087	5.116	311807	79574	0.138	0.047 #
10)	B gamma-Chl...	5.924f	5.009	8951	179215	0.004	0.096 #
11)	B alpha-Chl...	6.024	5.064	15852	178002	0.007	0.095 #
12)	B 4,4'-DDE	6.199	5.256	1309687	1052998	0.602	0.630
13)	MA Dieldrin	6.379f	5.375f	319828	416560	0.135	0.226 #
14)	MA Endrin	6.581	5.661	98511029	78116831	48.999	47.691
15)	B Endosulfa...	6.821f	5.971	1951053	428509	0.936	0.266 #
16)	A 4,4'-DDD	6.718	5.810	1241357	491714	0.709	0.349 #
17)	MA 4,4'-DDT	7.029	6.059	172.9E6	159.5E6	93.899	105.039
18)	B Endrin al...	6.929	6.134	2526167	2369234	1.630	1.952
19)	B Endosulfa...	7.159	6.357	240178	98904	0.125	0.063 #
20)	A Methoxychlor	7.504	6.633	218.3E6	207.3E6	222.295	233.045
21)	B Endrin ke...	7.647	6.861	4611876	3346510	2.190	1.836
22)	Mirex	8.111	7.079f	78608	177208	0.047	0.115 #
23)	Chlordane-1	4.707	3.802	263911	84958	2.434	1.295 #
24)	Chlordane-2	5.247	4.350f	42293	1187415	0.352	14.885 #
25)	Chlordane-3	5.924f	5.009	8951	179215	0.022	0.805 #
26)	Chlordane-4	6.024	5.064	15852	178002	0.032	0.842 #
27)	Chlordane-5	6.874	5.756f	88381	318166	0.910	4.686 #

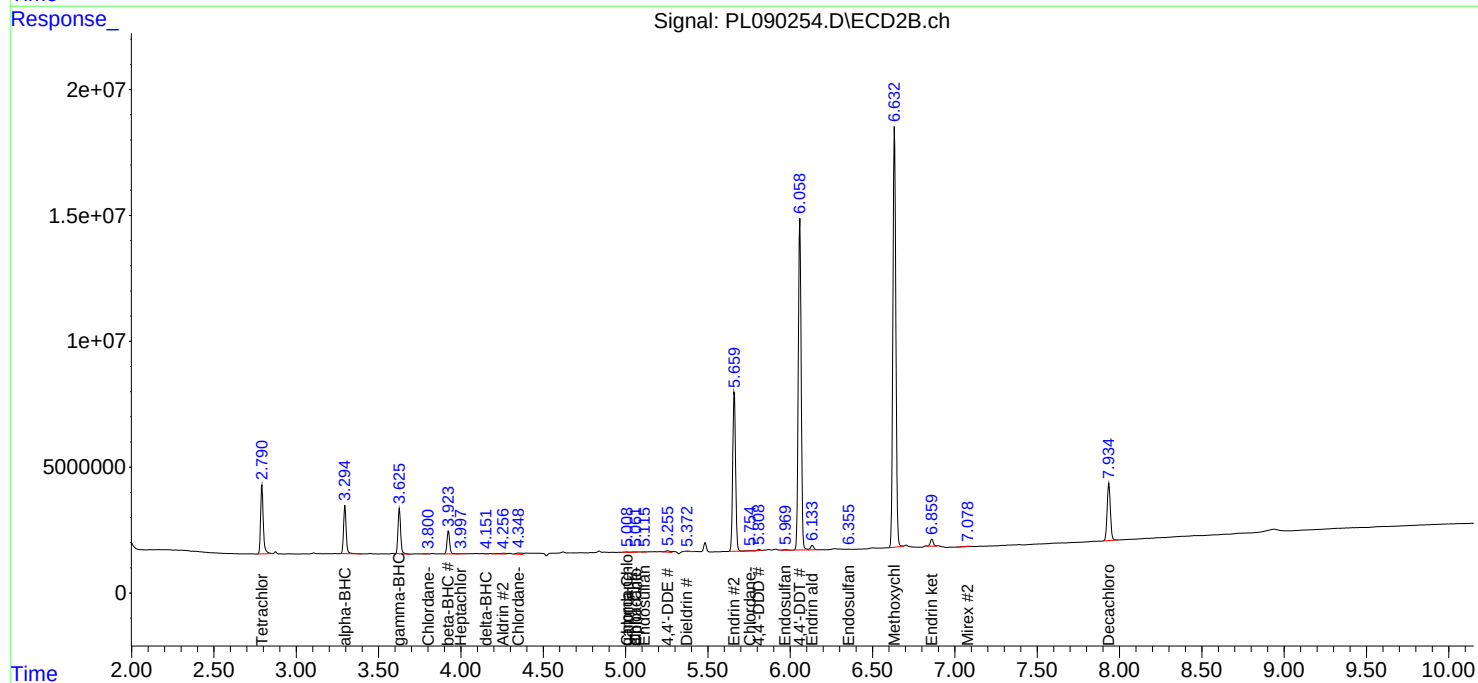
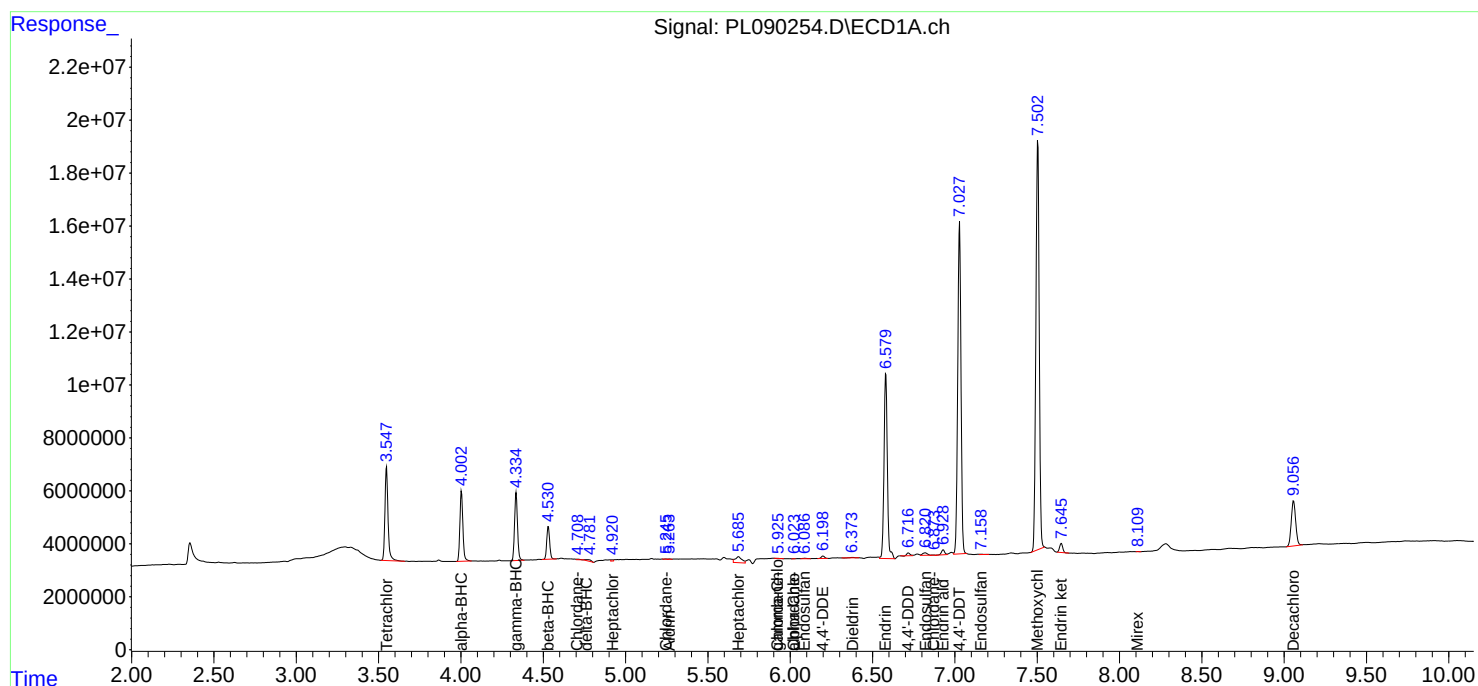
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

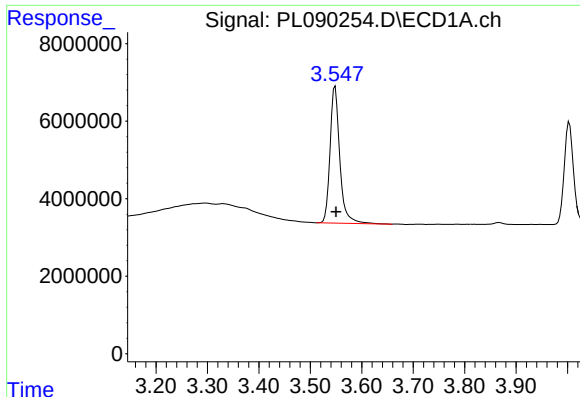
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062024\
Data File : PL090254.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2024 14:07
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 21 02:23:30 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052424.M
Quant Title : GC Extractables
QLast Update : Fri May 24 14:57:01 2024
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

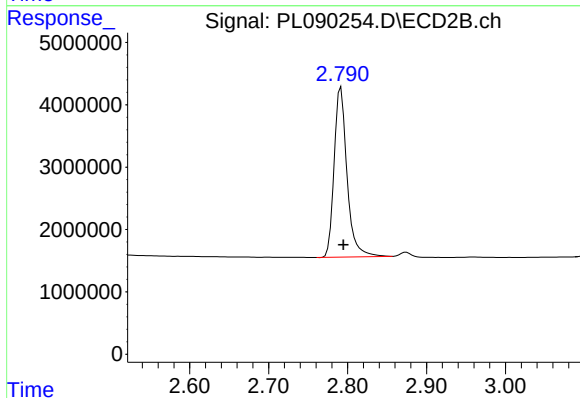




#1 Tetrachloro-m-xylene

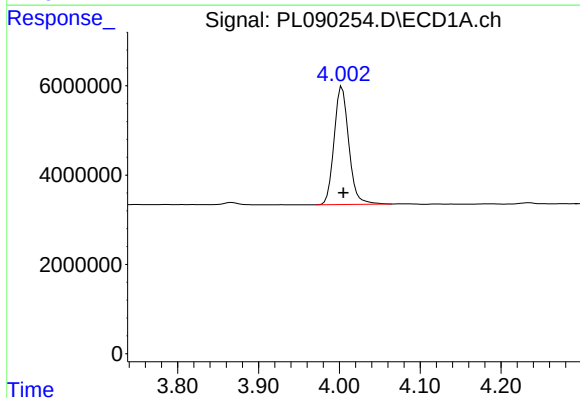
R.T.: 3.548 min
Delta R.T.: -0.002 min
Response: 46605600
Conc: 22.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



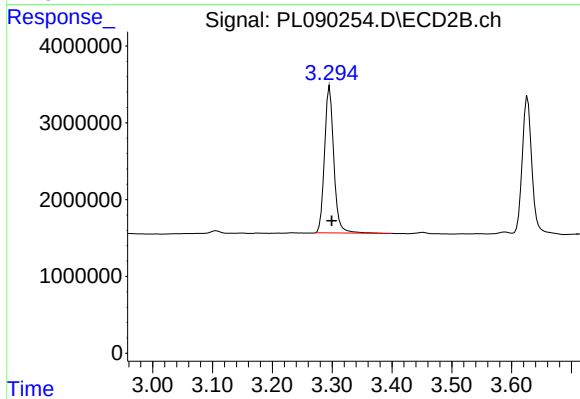
#1 Tetrachloro-m-xylene

R.T.: 2.792 min
Delta R.T.: -0.003 min
Response: 30919209
Conc: 21.56 ng/ml



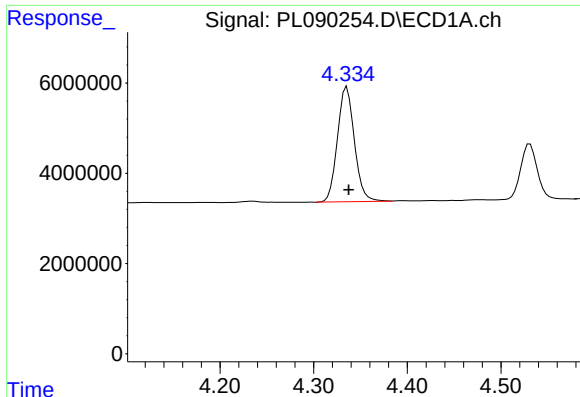
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: -0.002 min
Response: 33356232
Conc: 11.19 ng/ml



#2 alpha-BHC

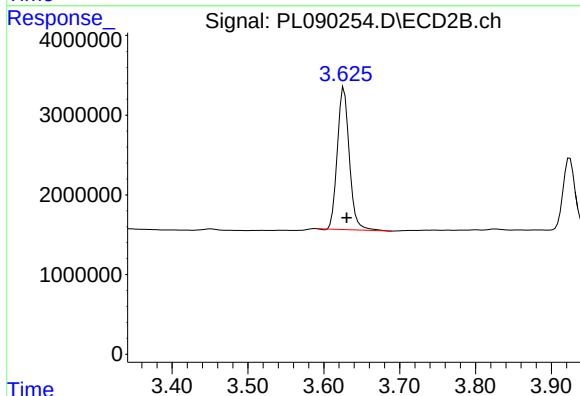
R.T.: 3.296 min
Delta R.T.: -0.004 min
Response: 20503352
Conc: 9.59 ng/ml



#3 gamma-BHC (Lindane)

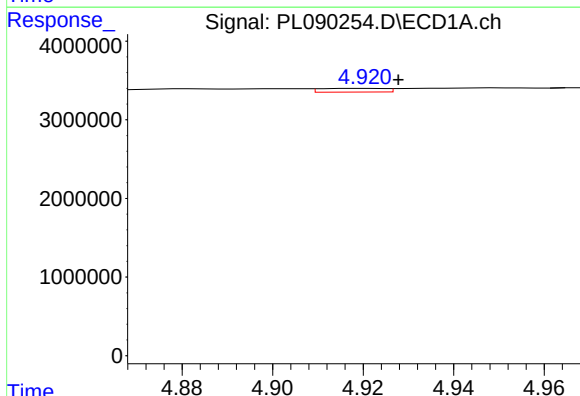
R.T.: 4.336 min
Delta R.T.: -0.002 min
Response: 32091856
Conc: 11.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



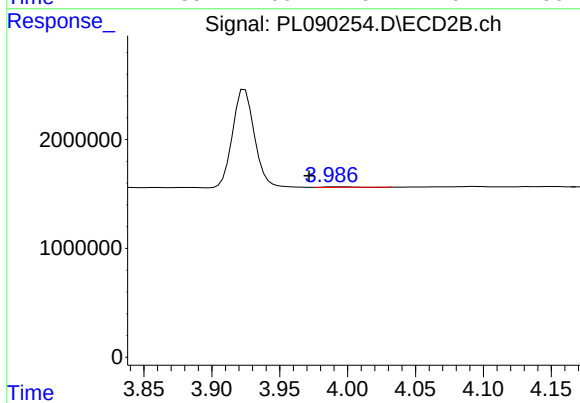
#3 gamma-BHC (Lindane)

R.T.: 3.627 min
Delta R.T.: -0.003 min
Response: 19643294
Conc: 9.39 ng/ml



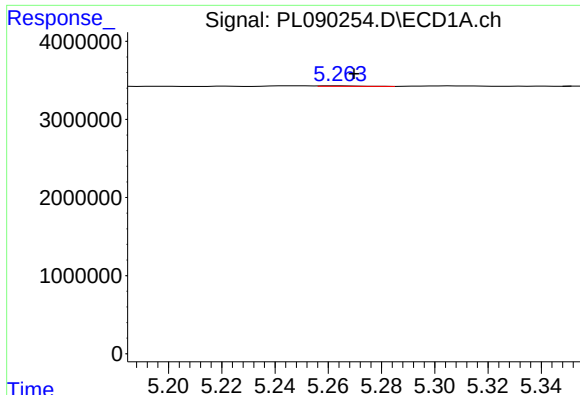
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: -0.007 min
Response: 469941
Conc: 0.18 ng/ml



#4 Heptachlor

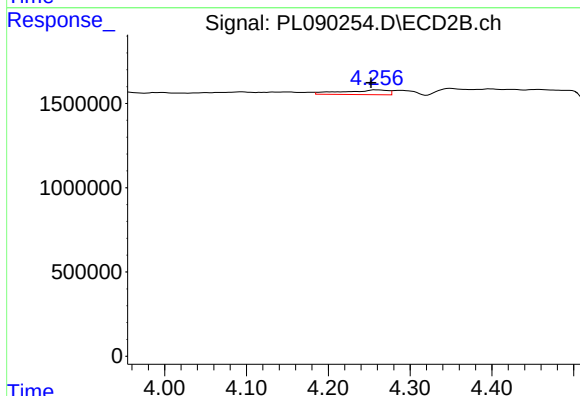
R.T.: 3.998 min
Delta R.T.: 0.027 min
Response: 77042
Conc: 0.04 ng/ml



#5 Aldrin

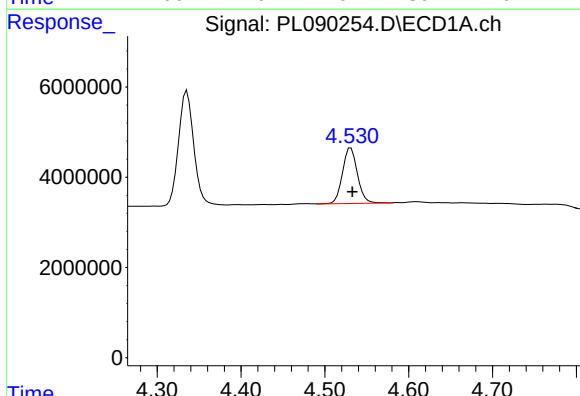
R.T.: 5.265 min
Delta R.T.: -0.005 min
Response: 59545
Conc: 0.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



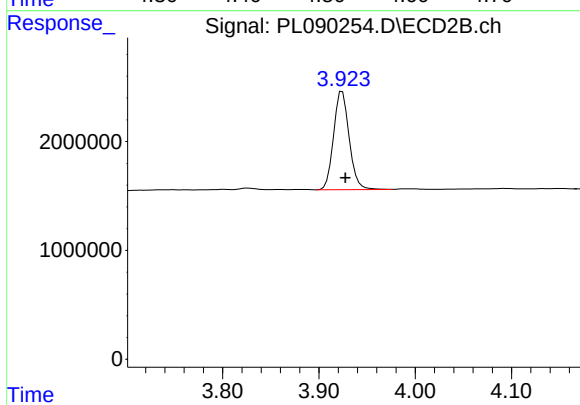
#5 Aldrin

R.T.: 4.259 min
Delta R.T.: 0.006 min
Response: 1060933
Conc: 0.53 ng/ml



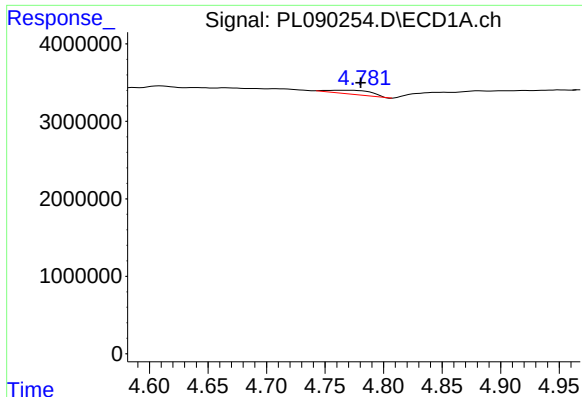
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: -0.002 min
Response: 15315390
Conc: 11.73 ng/ml



#6 beta-BHC

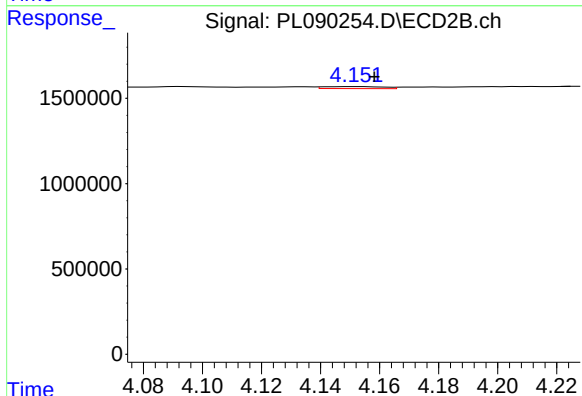
R.T.: 3.924 min
Delta R.T.: -0.003 min
Response: 10190625
Conc: 11.14 ng/ml



#7 delta-BHC

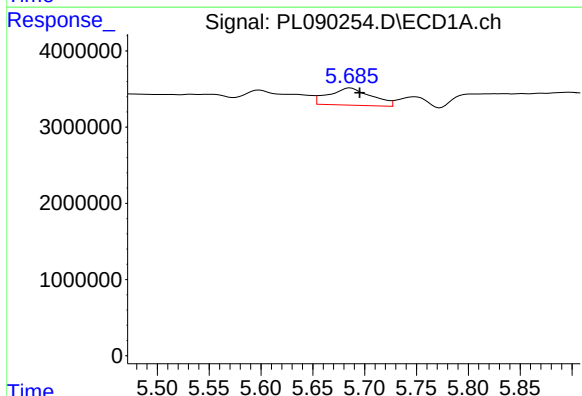
R.T.: 4.764 min
Delta R.T.: -0.017 min
Response: 1303895
Conc: 0.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



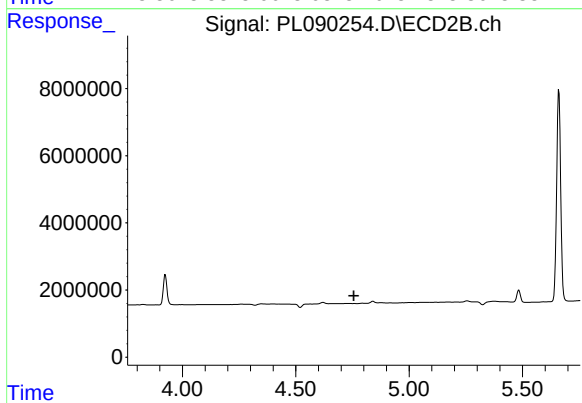
#7 delta-BHC

R.T.: 4.152 min
Delta R.T.: -0.006 min
Response: 168879
Conc: 0.08 ng/ml



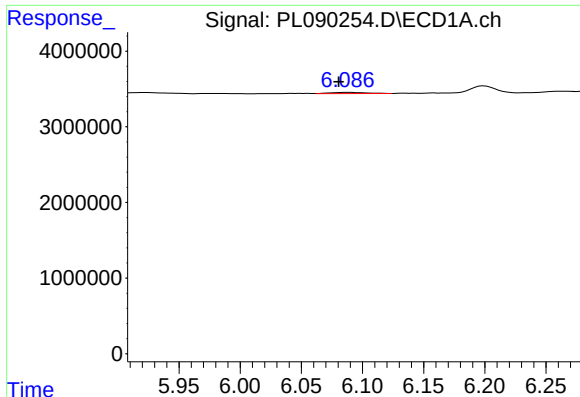
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.009 min
Response: 6436653
Conc: 2.58 ng/ml



#8 Heptachlor epoxide

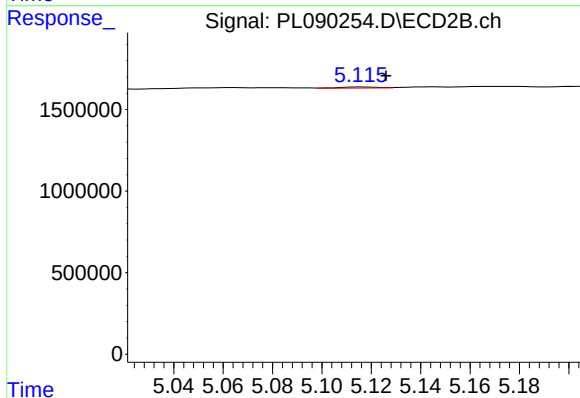
R.T.: 0.000 min
Exp R.T. : 4.755 min
Response: 0
Conc: N.D.



#9 Endosulfan I

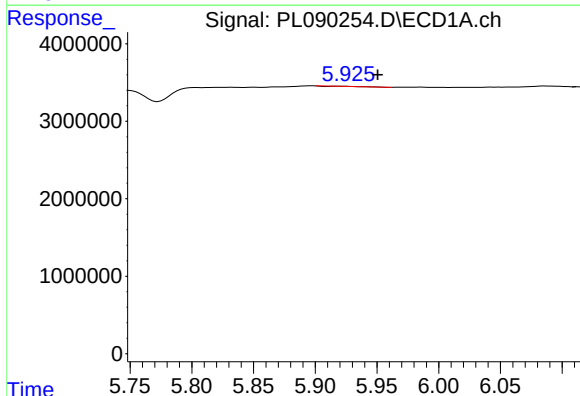
R.T.: 6.087 min
Delta R.T.: 0.007 min
Response: 311807
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



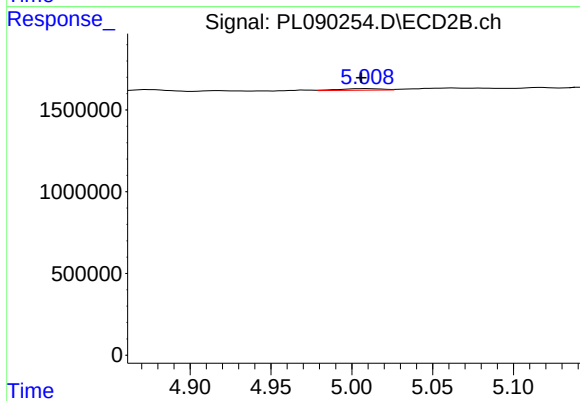
#9 Endosulfan I

R.T.: 5.116 min
Delta R.T.: -0.010 min
Response: 79574
Conc: 0.05 ng/ml



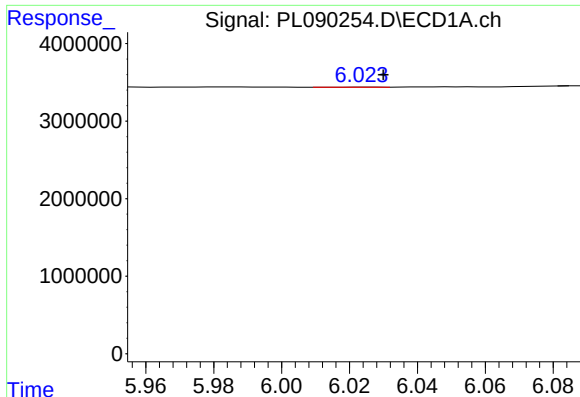
#10 gamma-Chlordane

R.T.: 5.924 min
Delta R.T.: -0.027 min
Response: 8951
Conc: 0.00 ng/ml



#10 gamma-Chlordane

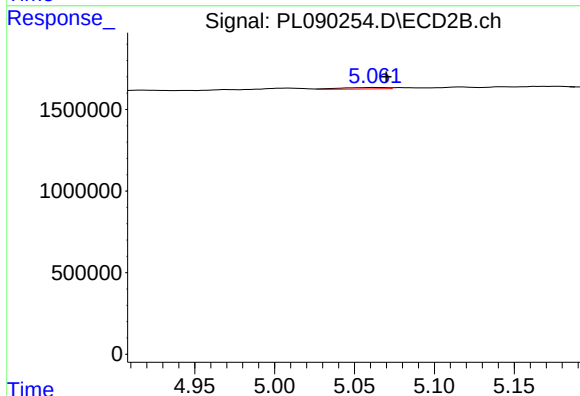
R.T.: 5.009 min
Delta R.T.: 0.003 min
Response: 179215
Conc: 0.10 ng/ml



#11 alpha-Chlordane

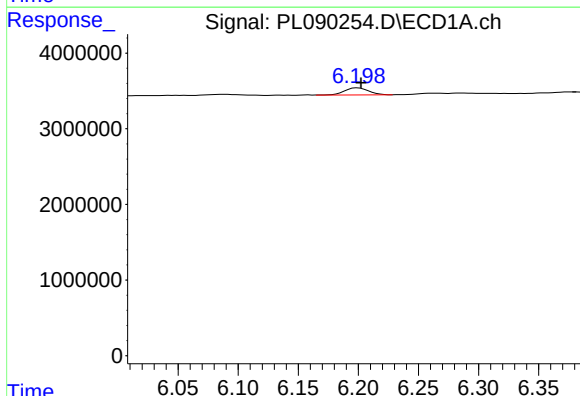
R.T.: 6.024 min
Delta R.T.: -0.006 min
Response: 15852
Conc: 0.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



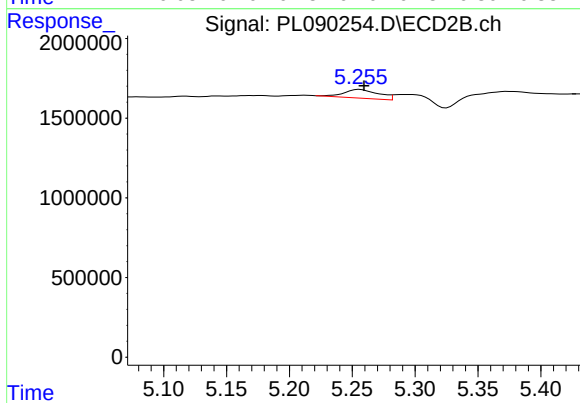
#11 alpha-Chlordane

R.T.: 5.064 min
Delta R.T.: -0.006 min
Response: 178002
Conc: 0.09 ng/ml



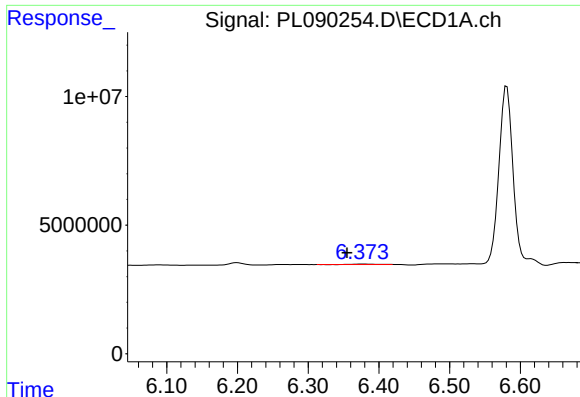
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: -0.003 min
Response: 1309687
Conc: 0.60 ng/ml



#12 4,4'-DDE

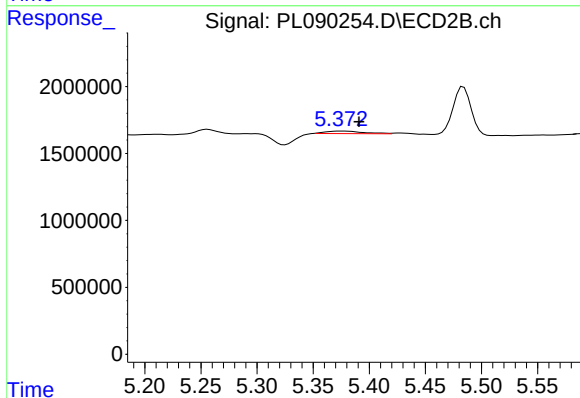
R.T.: 5.256 min
Delta R.T.: -0.003 min
Response: 1052998
Conc: 0.63 ng/ml



#13 Dieldrin

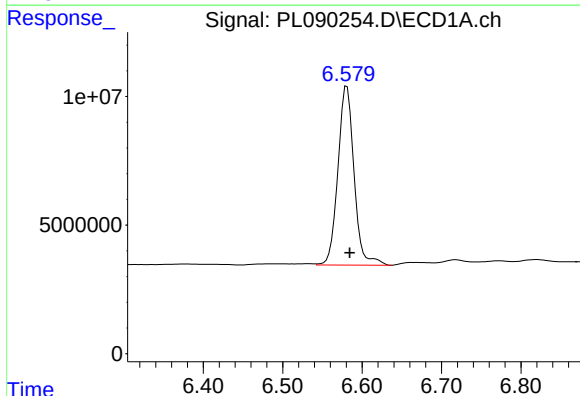
R.T.: 6.379 min
Delta R.T.: 0.024 min
Response: 319828
Conc: 0.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



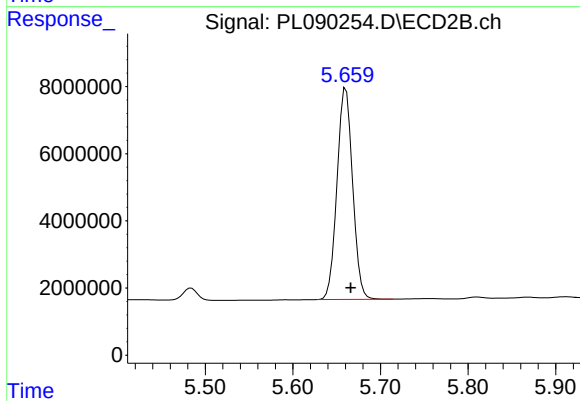
#13 Dieldrin

R.T.: 5.375 min
Delta R.T.: -0.016 min
Response: 416560
Conc: 0.23 ng/ml



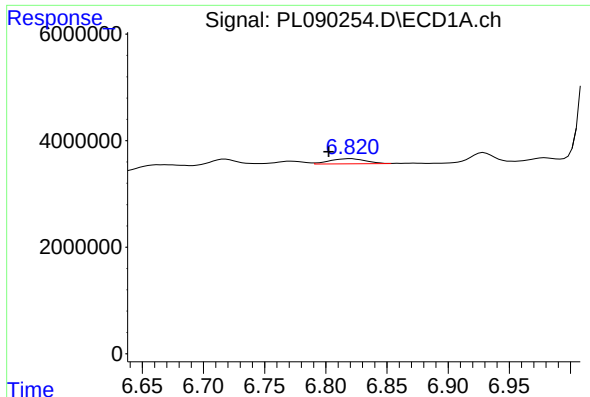
#14 Endrin

R.T.: 6.581 min
Delta R.T.: -0.003 min
Response: 98511029
Conc: 49.00 ng/ml



#14 Endrin

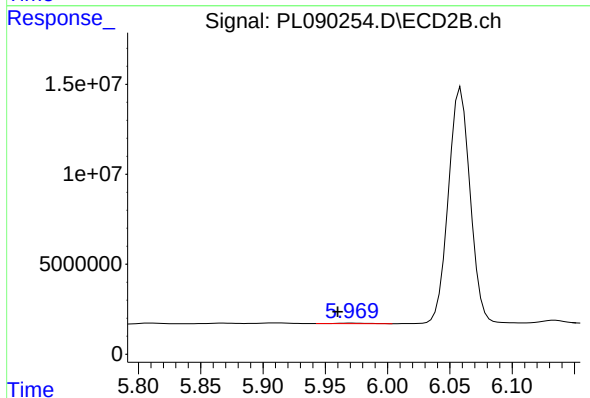
R.T.: 5.661 min
Delta R.T.: -0.006 min
Response: 78116831
Conc: 47.69 ng/ml



#15 Endosulfan II

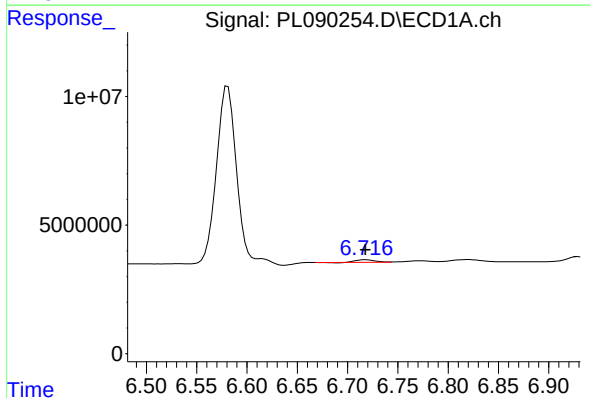
R.T.: 6.821 min
Delta R.T.: 0.018 min
Response: 1951053
Conc: 0.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



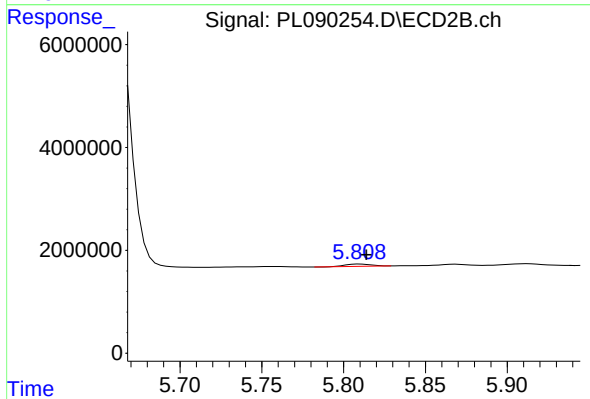
#15 Endosulfan II

R.T.: 5.971 min
Delta R.T.: 0.011 min
Response: 428509
Conc: 0.27 ng/ml



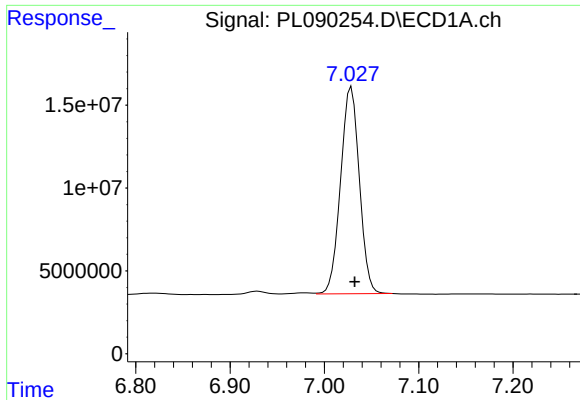
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 1241357
Conc: 0.71 ng/ml



#16 4,4'-DDD

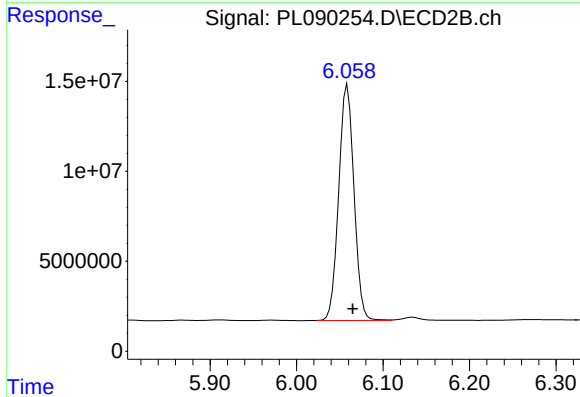
R.T.: 5.810 min
Delta R.T.: -0.004 min
Response: 491714
Conc: 0.35 ng/ml



#17 4,4'-DDT

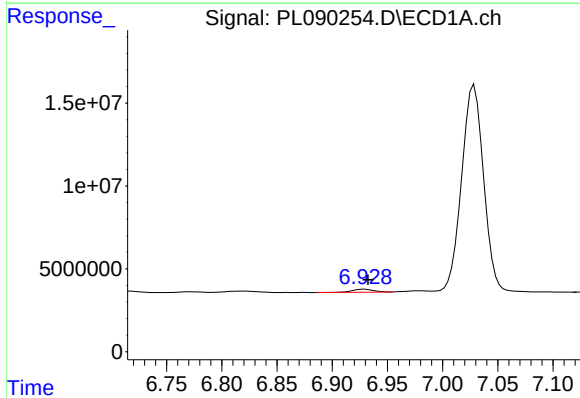
R.T.: 7.029 min
Delta R.T.: -0.003 min
Response: 172875730
Conc: 93.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



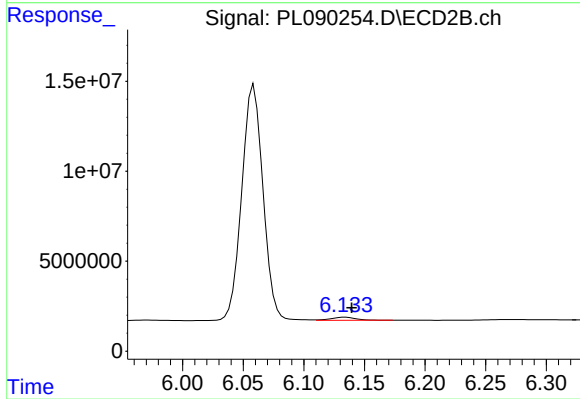
#17 4,4'-DDT

R.T.: 6.059 min
Delta R.T.: -0.006 min
Response: 159511553
Conc: 105.04 ng/ml



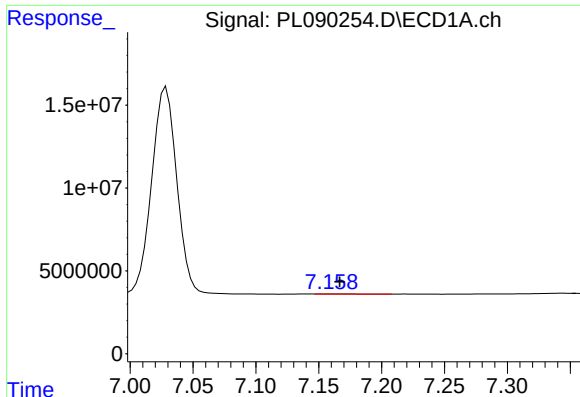
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: -0.003 min
Response: 2526167
Conc: 1.63 ng/ml



#18 Endrin aldehyde

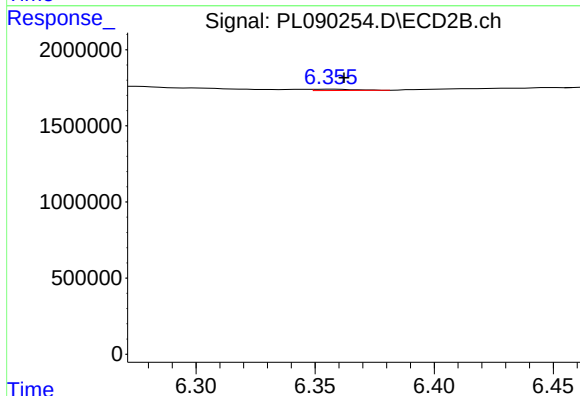
R.T.: 6.134 min
Delta R.T.: -0.005 min
Response: 2369234
Conc: 1.95 ng/ml



#19 Endosulfan Sulfate

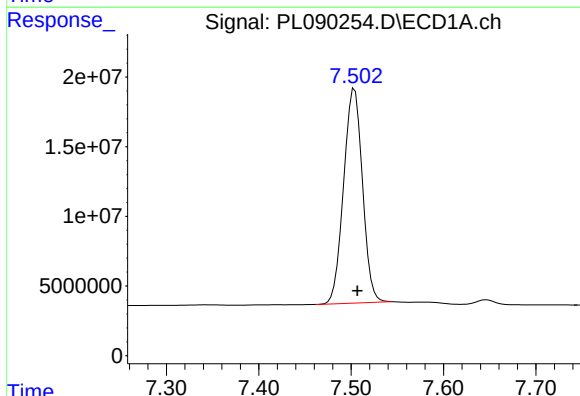
R.T.: 7.159 min
Delta R.T.: -0.007 min
Response: 240178
Conc: 0.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



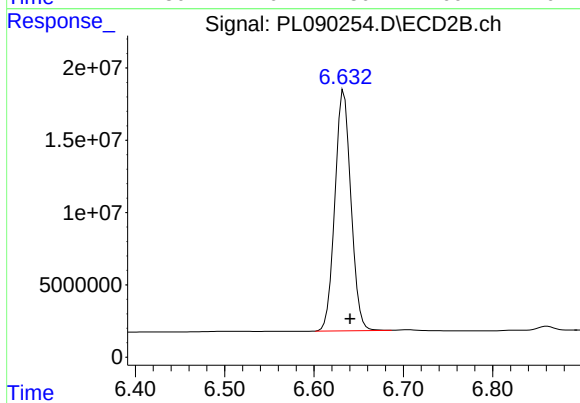
#19 Endosulfan Sulfate

R.T.: 6.357 min
Delta R.T.: -0.005 min
Response: 98904
Conc: 0.06 ng/ml



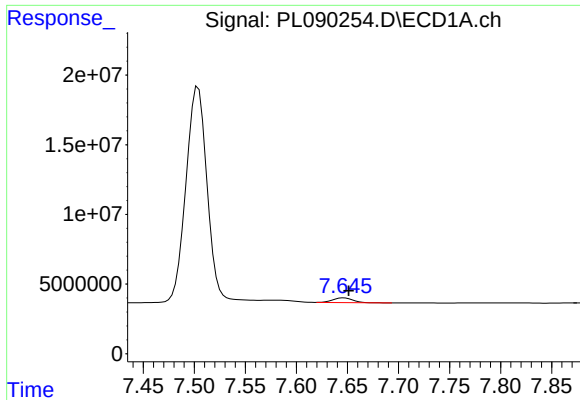
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: -0.003 min
Response: 218332634
Conc: 222.29 ng/ml



#20 Methoxychlor

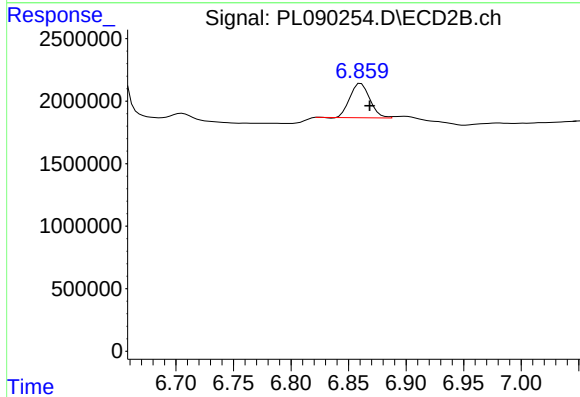
R.T.: 6.633 min
Delta R.T.: -0.007 min
Response: 207312336
Conc: 233.05 ng/ml



#21 Endrin ketone

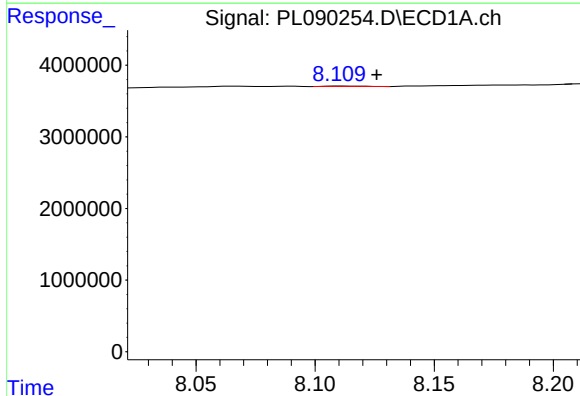
R.T.: 7.647 min
Delta R.T.: -0.004 min
Response: 4611876
Conc: 2.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



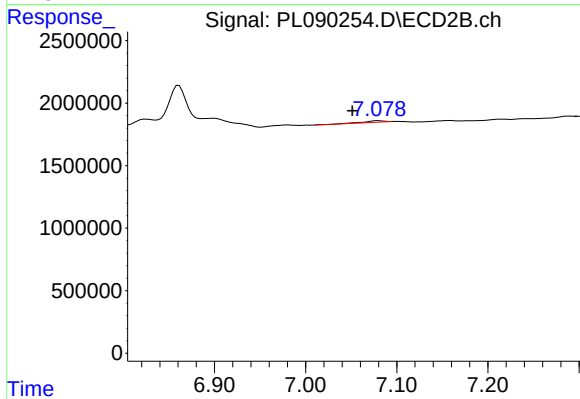
#21 Endrin ketone

R.T.: 6.861 min
Delta R.T.: -0.008 min
Response: 3346510
Conc: 1.84 ng/ml



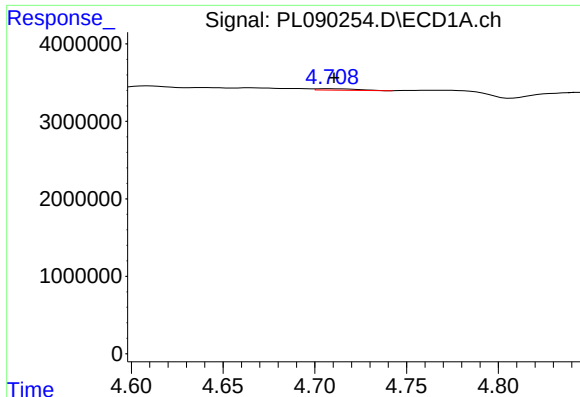
#22 Mirex

R.T.: 8.111 min
Delta R.T.: -0.015 min
Response: 78608
Conc: 0.05 ng/ml



#22 Mirex

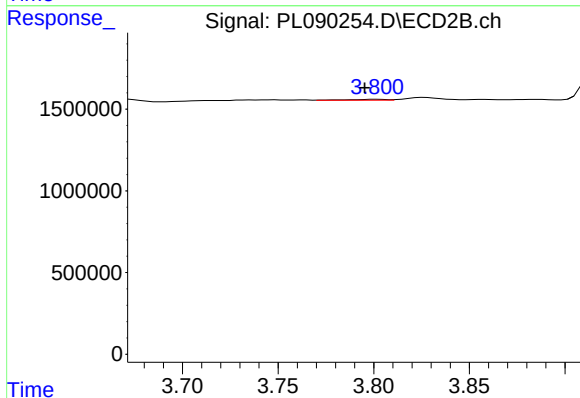
R.T.: 7.079 min
Delta R.T.: 0.028 min
Response: 177208
Conc: 0.12 ng/ml



#23 Chlordane-1

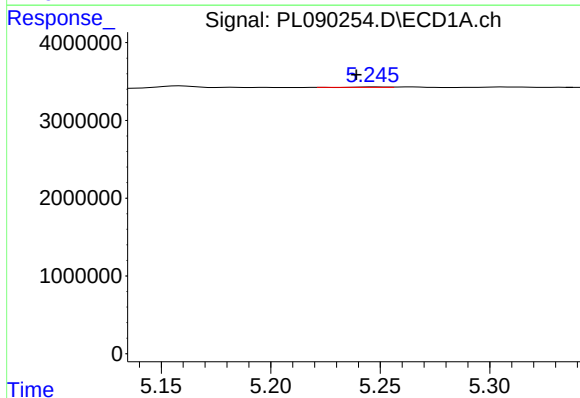
R.T.: 4.707 min
Delta R.T.: -0.003 min
Response: 263911
Conc: 2.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



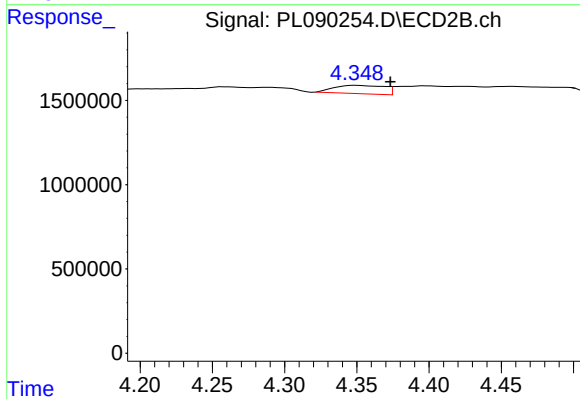
#23 Chlordane-1

R.T.: 3.802 min
Delta R.T.: 0.007 min
Response: 84958
Conc: 1.30 ng/ml



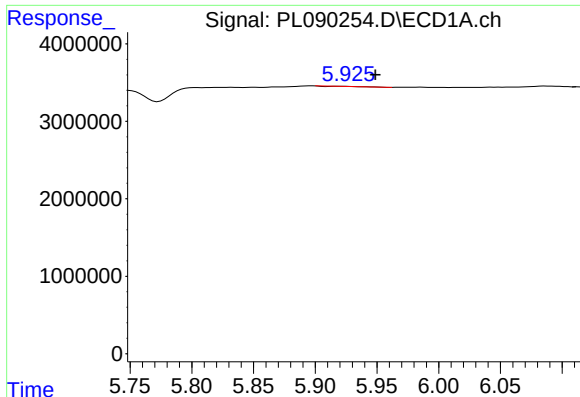
#24 Chlordane-2

R.T.: 5.247 min
Delta R.T.: 0.008 min
Response: 42293
Conc: 0.35 ng/ml



#24 Chlordane-2

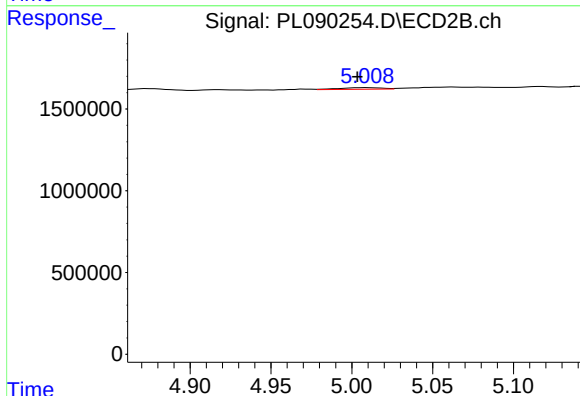
R.T.: 4.350 min
Delta R.T.: -0.024 min
Response: 1187415
Conc: 14.89 ng/ml



#25 Chlordane-3

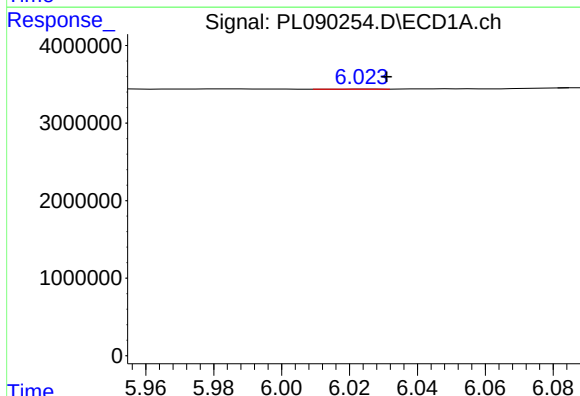
R.T.: 5.924 min
Delta R.T.: -0.025 min
Response: 8951
Conc: 0.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



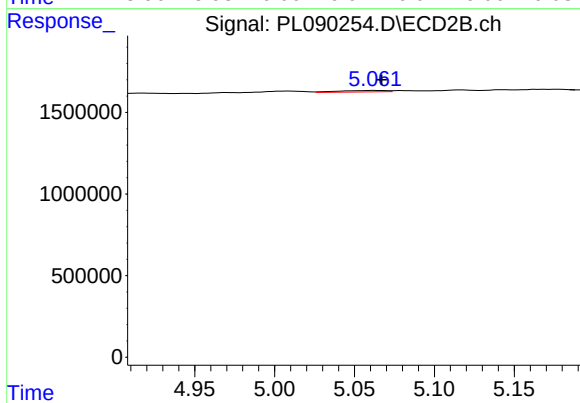
#25 Chlordane-3

R.T.: 5.009 min
Delta R.T.: 0.006 min
Response: 179215
Conc: 0.81 ng/ml



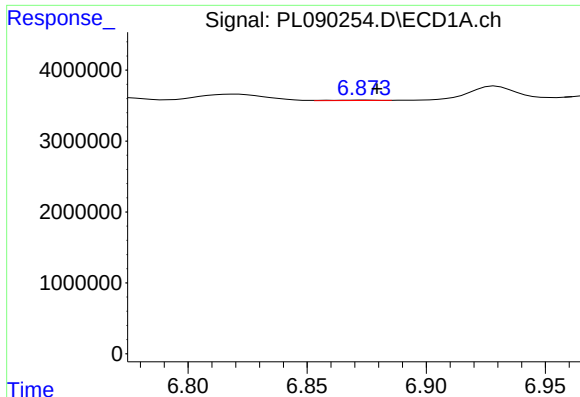
#26 Chlordane-4

R.T.: 6.024 min
Delta R.T.: -0.007 min
Response: 15852
Conc: 0.03 ng/ml



#26 Chlordane-4

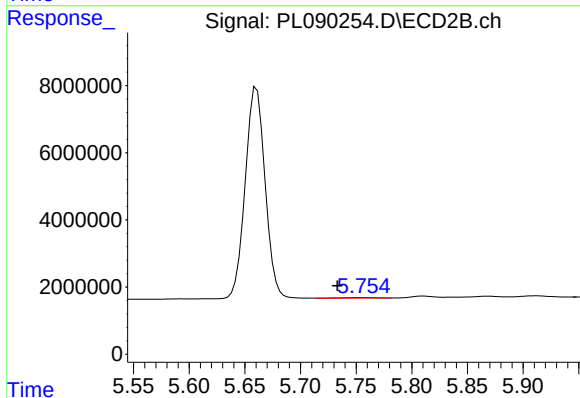
R.T.: 5.064 min
Delta R.T.: -0.003 min
Response: 178002
Conc: 0.84 ng/ml



#27 Chlordane-5

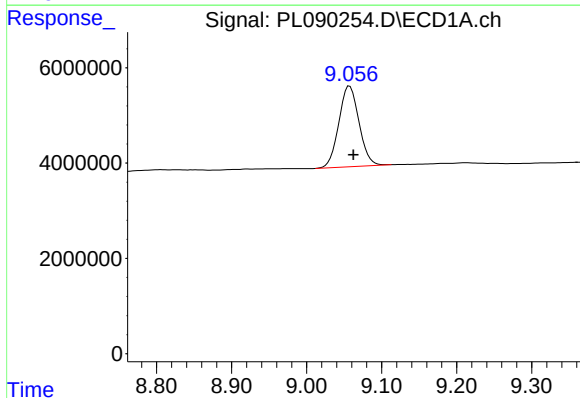
R.T.: 6.874 min
Delta R.T.: -0.005 min
Response: 88381
Conc: 0.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



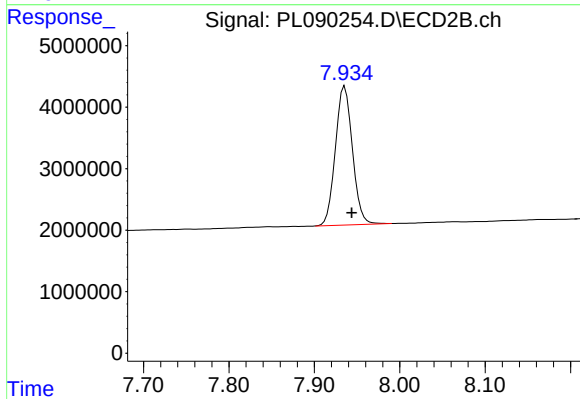
#27 Chlordane-5

R.T.: 5.756 min
Delta R.T.: 0.023 min
Response: 318166
Conc: 4.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.005 min
Response: 31681136
Conc: 21.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.936 min
Delta R.T.: -0.008 min
Response: 31332624
Conc: 21.09 ng/ml