

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042123\
 Data File : PL082234.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 09:22
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 21:29:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 2023
 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...	3.326	2.650	50817467	40801651	19.024	17.612
28)	SA Decachlor...	8.750	7.764	37044994	41834658	19.405	18.328
Target Compounds							
2)	A alpha-BHC	3.776	3.148	34644828	27168590	8.704	7.983
3)	MA gamma-BHC...	4.104	3.475	33875150	26165738	9.060	8.138
4)	MA Heptachlor	4.649f	0.000	377963	0	0.103	N.D. #
5)	MB Aldrin	0.000	4.068	0	501324	N.D.	0.159 #
6)	B beta-BHC	4.308	3.776	16486255	13787912	9.667	10.105
7)	B delta-BHC	0.000	4.001	0	559291	N.D.	0.182 #
8)	B Heptachlo...	5.448	4.581	553277	90362	0.181	0.031 #
9)	A Endosulfan I	5.822	4.970f	853993	19138	0.308	0.007 #
10)	B gamma-Chl...	5.718f	4.847	608429	283658	0.202	0.098 #
11)	B alpha-Chl...	5.769	4.897	255698	188528	0.086	0.065
12)	B 4,4'-DDE	5.957	5.091	261437	150811	0.103	0.066 #
13)	MA Dieldrin	0.000	5.189f	0	17392	N.D.	0.006 #
14)	MA Endrin	6.329	5.493	103.1E6	99807424	42.538	40.805
15)	B Endosulfa...	6.543	5.809f	2339889	171456	0.961	0.076 #
16)	A 4,4'-DDD	6.474	5.644	1378316	1155069	0.680	0.618
17)	MA 4,4'-DDT	6.785	5.893	202.4E6	193.4E6	88.467	91.527
18)	B Endrin al...	6.682	5.971	2637626	4627073	1.400	2.473 #
19)	B Endosulfa...	0.000	6.187	0	253039	N.D.	0.107 #
20)	A Methoxychlor	7.265	6.473	269.8E6	259.8E6	221.054	214.388
21)	B Endrin ke...	7.396	6.697	4143514	5478523	1.730	2.158
23)	Chlordane-1	0.000	3.649f	0	52017	N.D.	0.587 #
24)	Chlordane-2	0.000	4.202	0	880601	N.D.	7.853 #
25)	Chlordane-3	5.718f	4.847	608429	283658	1.409	0.998 #
26)	Chlordane-4	5.769	4.897	255698	188528	0.492	0.632 #
27)	Chlordane-5	0.000	5.809f	0	171456	N.D.	1.737 #

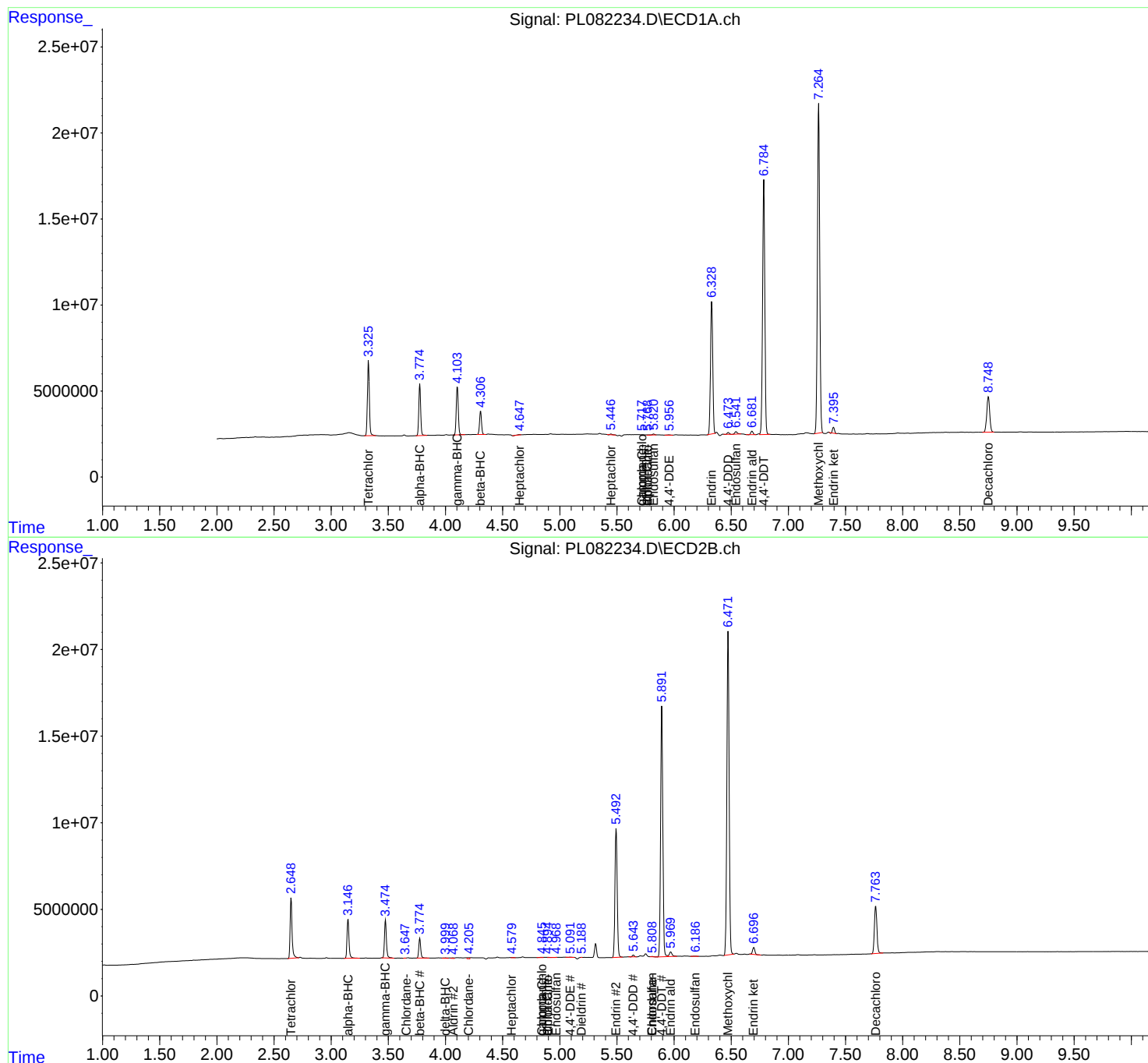
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

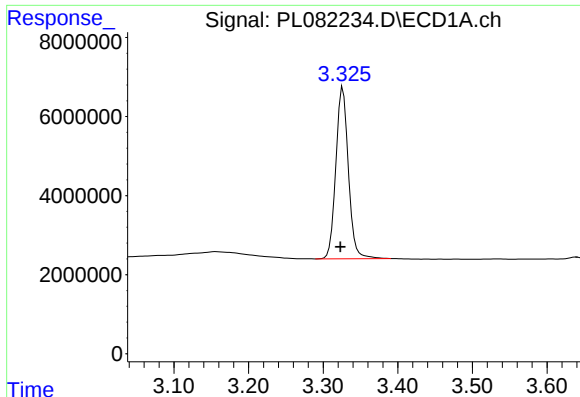
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042123\
Data File : PL082234.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Apr 2023 09:22
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 21 21:29:35 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 2023
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

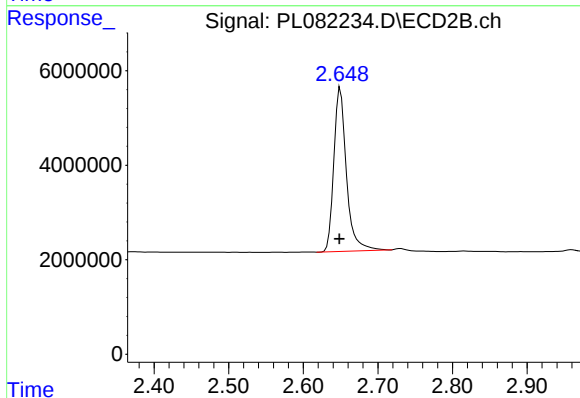




#1 Tetrachloro-m-xylene

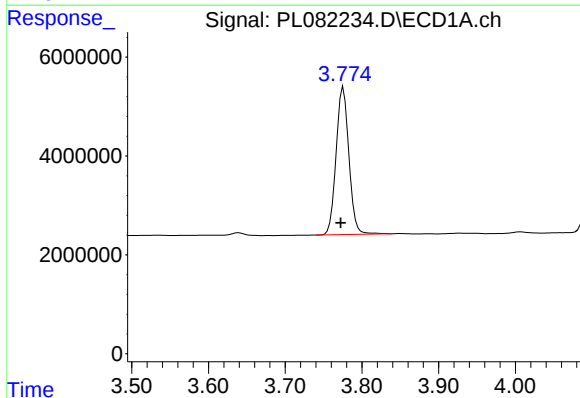
R.T.: 3.326 min
Delta R.T.: 0.003 min
Response: 50817467
Conc: 19.02 ng/ml

Instrument :
ECD_L
ClientSampleId :



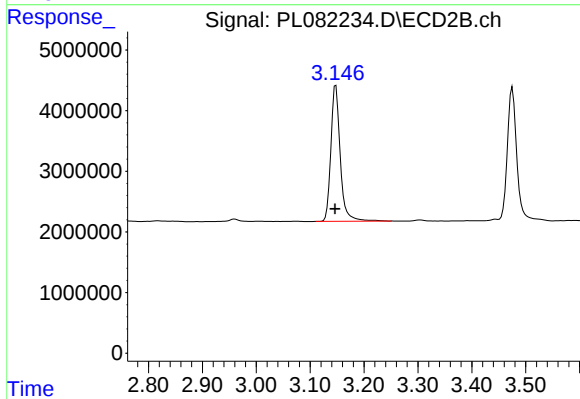
#1 Tetrachloro-m-xylene

R.T.: 2.650 min
Delta R.T.: 0.001 min
Response: 40801651
Conc: 17.61 ng/ml



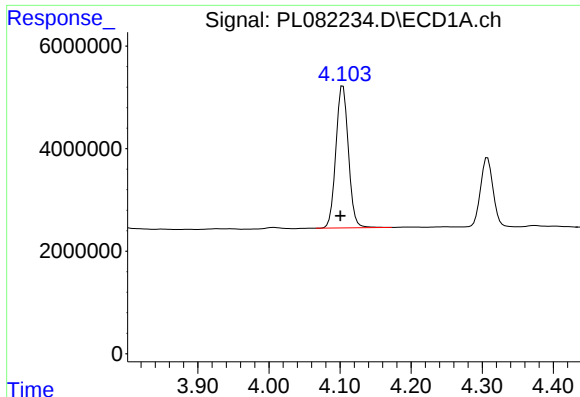
#2 alpha-BHC

R.T.: 3.776 min
Delta R.T.: 0.004 min
Response: 34644828
Conc: 8.70 ng/ml



#2 alpha-BHC

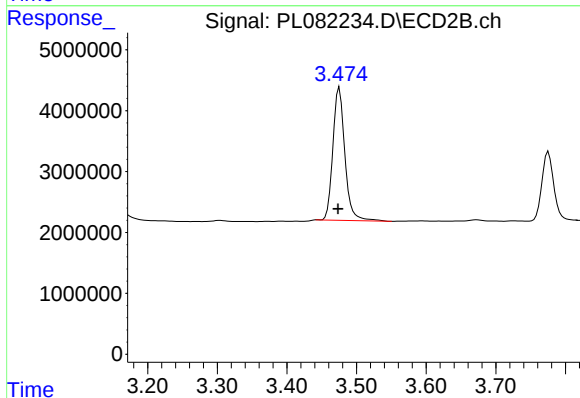
R.T.: 3.148 min
Delta R.T.: 0.001 min
Response: 27168590
Conc: 7.98 ng/ml



#3 gamma-BHC (Lindane)

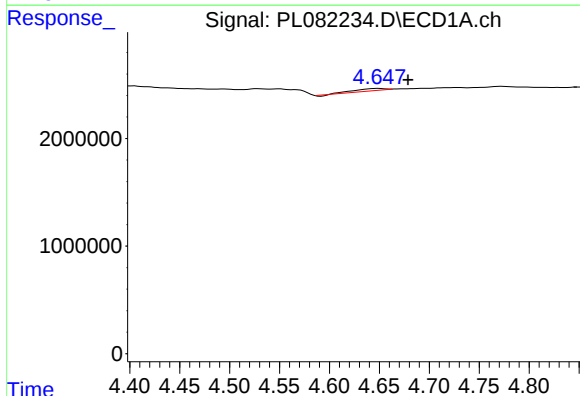
R.T.: 4.104 min
Delta R.T.: 0.004 min
Response: 33875150
Conc: 9.06 ng/ml

Instrument :
ECD_L
ClientSampleId :



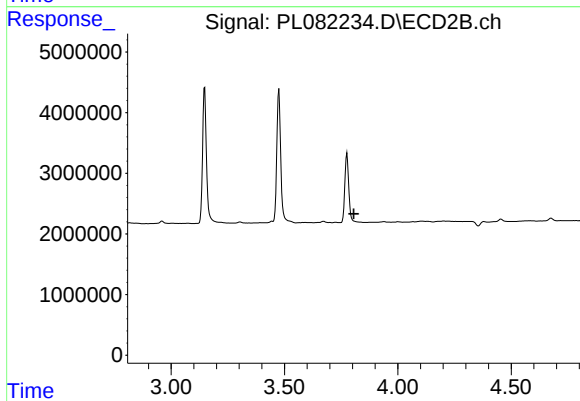
#3 gamma-BHC (Lindane)

R.T.: 3.475 min
Delta R.T.: 0.002 min
Response: 26165738
Conc: 8.14 ng/ml



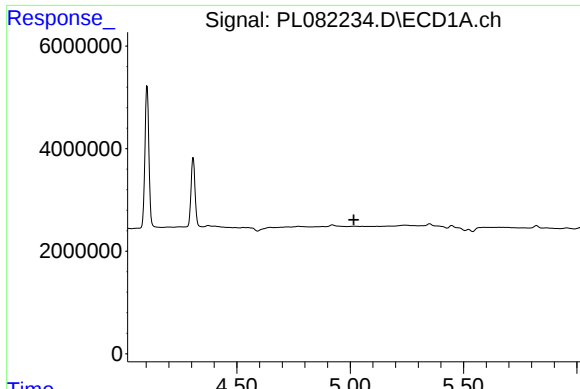
#4 Heptachlor

R.T.: 4.649 min
Delta R.T.: -0.030 min
Response: 377963
Conc: 0.10 ng/ml



#4 Heptachlor

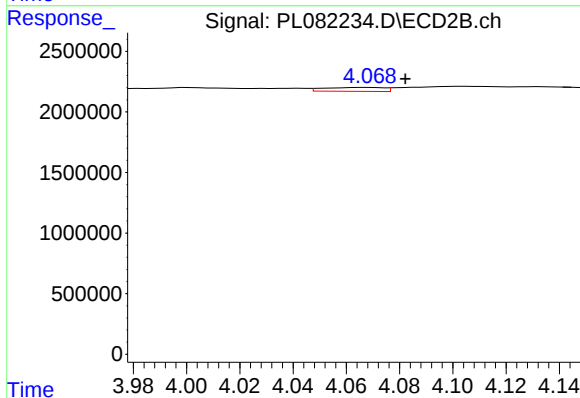
R.T.: 0.000 min
Exp R.T. : 3.806 min
Response: 0
Conc: N.D.



#5 Aldrin

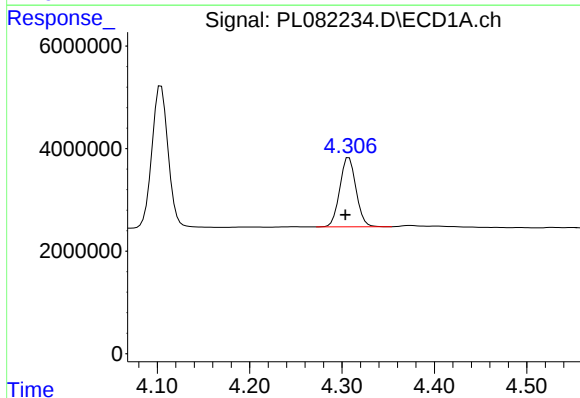
R.T.: 0.000 min
Exp R.T.: 5.016 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



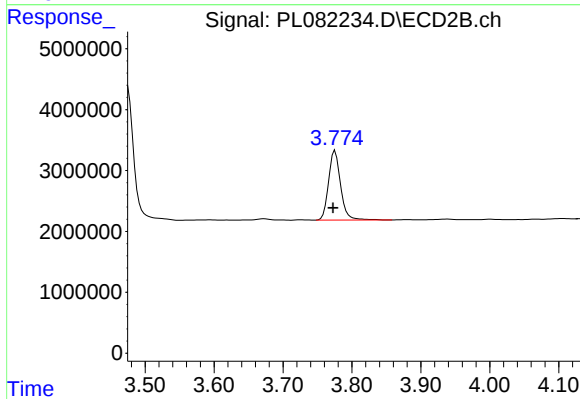
#5 Aldrin

R.T.: 4.068 min
Delta R.T.: -0.015 min
Response: 501324
Conc: 0.16 ng/ml



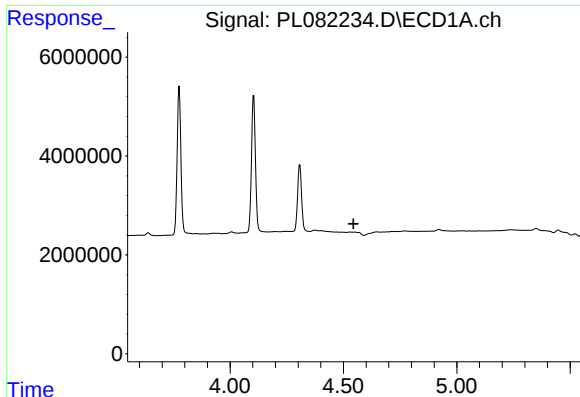
#6 beta-BHC

R.T.: 4.308 min
Delta R.T.: 0.004 min
Response: 16486255
Conc: 9.67 ng/ml



#6 beta-BHC

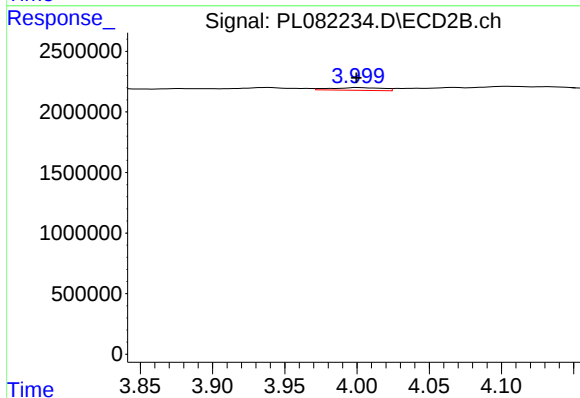
R.T.: 3.776 min
Delta R.T.: 0.003 min
Response: 13787912
Conc: 10.11 ng/ml



#7 delta-BHC

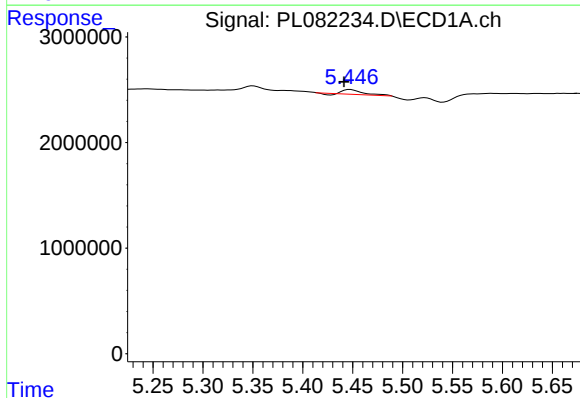
R.T.: 0.000 min
Exp R.T.: 4.545 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



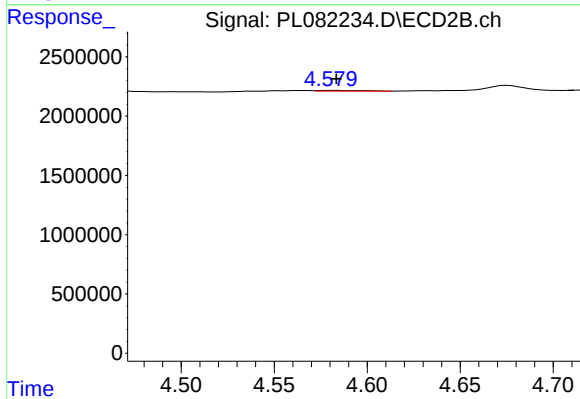
#7 delta-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 559291
Conc: 0.18 ng/ml



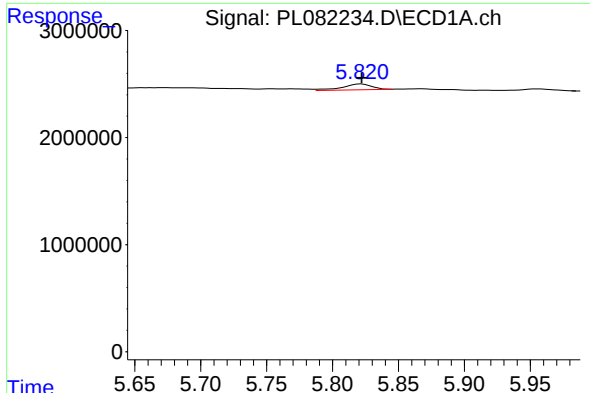
#8 Heptachlor epoxide

R.T.: 5.448 min
Delta R.T.: 0.006 min
Response: 553277
Conc: 0.18 ng/ml



#8 Heptachlor epoxide

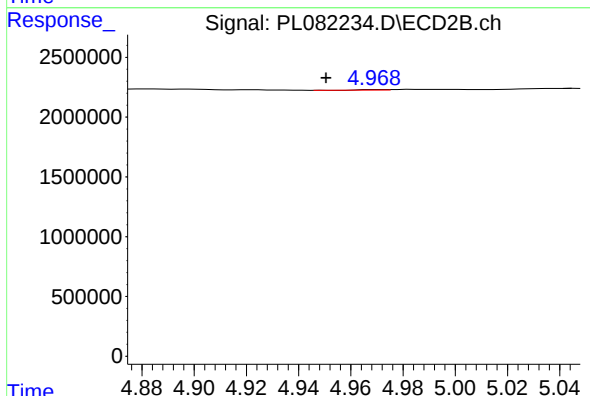
R.T.: 4.581 min
Delta R.T.: -0.003 min
Response: 90362
Conc: 0.03 ng/ml



#9 Endosulfan I

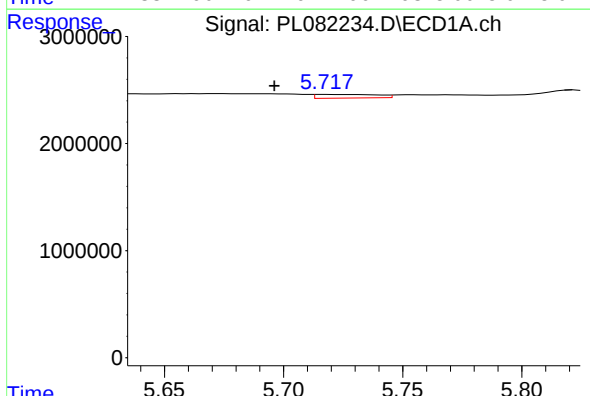
R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 853993
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :



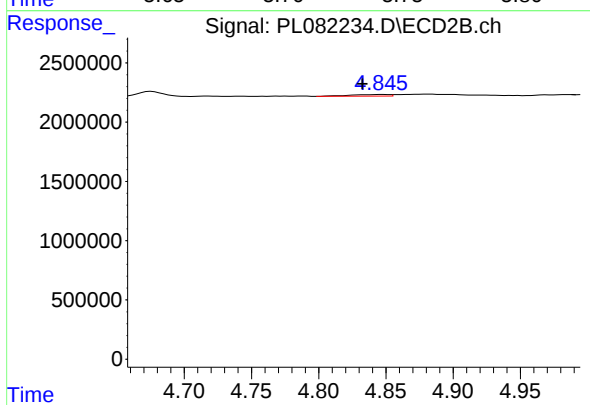
#9 Endosulfan I

R.T.: 4.970 min
Delta R.T.: 0.019 min
Response: 19138
Conc: 0.01 ng/ml



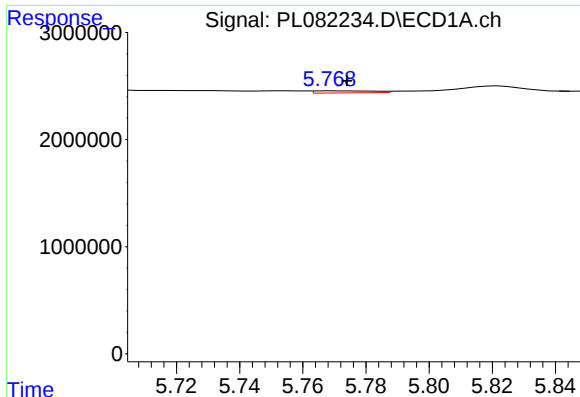
#10 gamma-Chlordane

R.T.: 5.718 min
Delta R.T.: 0.022 min
Response: 608429
Conc: 0.20 ng/ml



#10 gamma-Chlordane

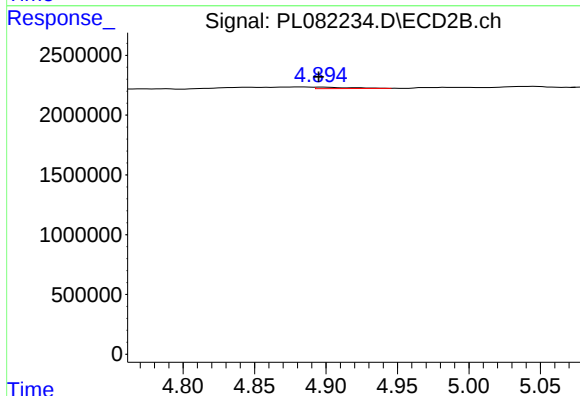
R.T.: 4.847 min
Delta R.T.: 0.014 min
Response: 283658
Conc: 0.10 ng/ml



#11 alpha-Chlordane

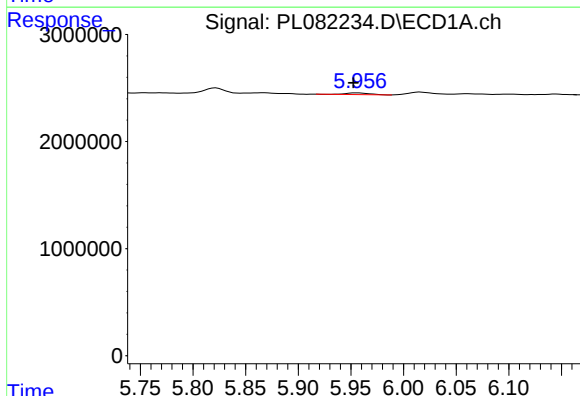
R.T.: 5.769 min
Delta R.T.: -0.005 min
Response: 255698
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :



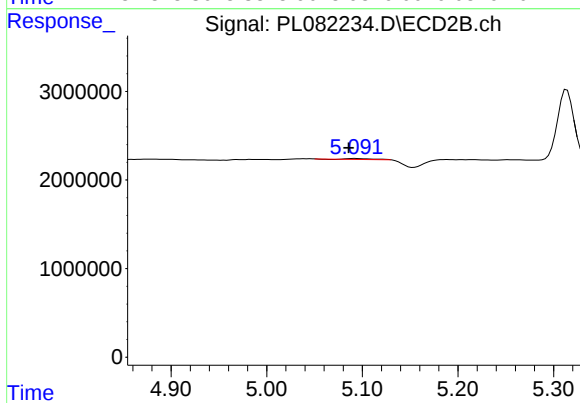
#11 alpha-Chlordane

R.T.: 4.897 min
Delta R.T.: 0.002 min
Response: 188528
Conc: 0.06 ng/ml



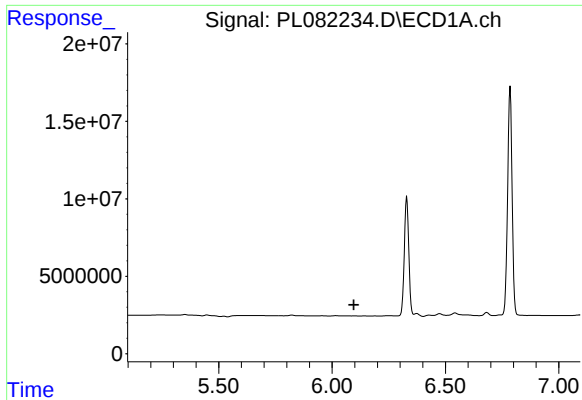
#12 4,4'-DDE

R.T.: 5.957 min
Delta R.T.: 0.005 min
Response: 261437
Conc: 0.10 ng/ml



#12 4,4'-DDE

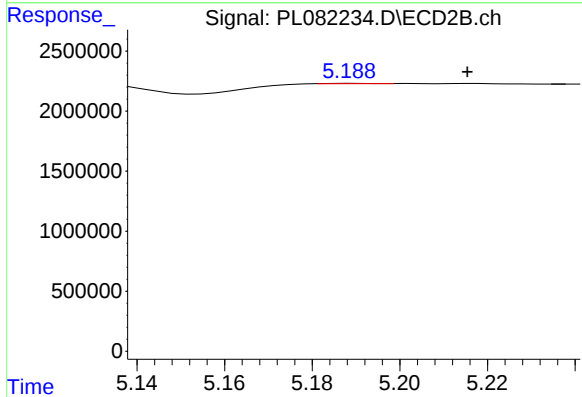
R.T.: 5.091 min
Delta R.T.: 0.006 min
Response: 150811
Conc: 0.07 ng/ml



#13 Dieldrin

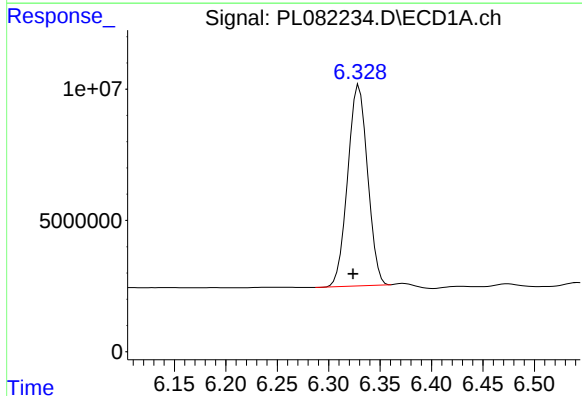
R.T.: 0.000 min
Exp R.T.: 6.097 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



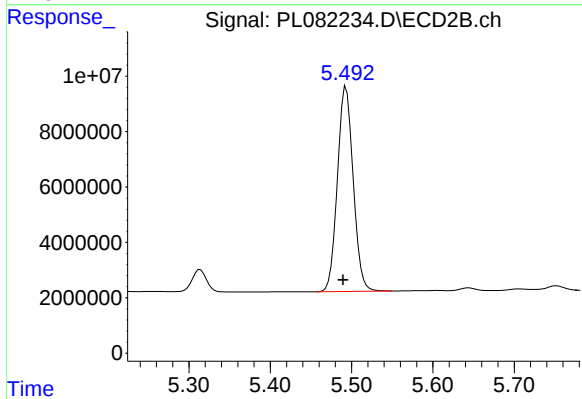
#13 Dieldrin

R.T.: 5.189 min
Delta R.T.: -0.026 min
Response: 17392
Conc: 0.01 ng/ml



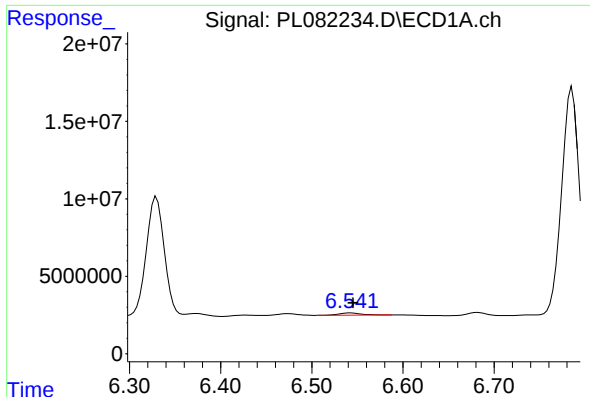
#14 Endrin

R.T.: 6.329 min
Delta R.T.: 0.006 min
Response: 103135879
Conc: 42.54 ng/ml



#14 Endrin

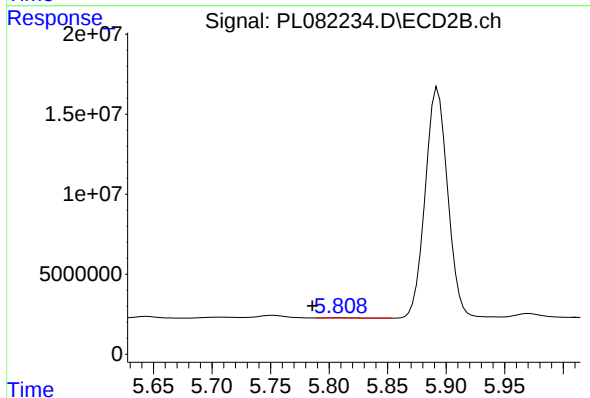
R.T.: 5.493 min
Delta R.T.: 0.004 min
Response: 99807424
Conc: 40.81 ng/ml



#15 Endosulfan II

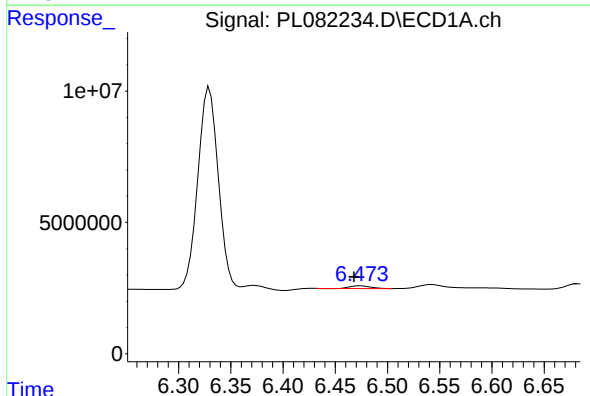
R.T.: 6.543 min
Delta R.T.: -0.003 min
Response: 2339889
Conc: 0.96 ng/ml

Instrument :
ECD_L
ClientSampleId :



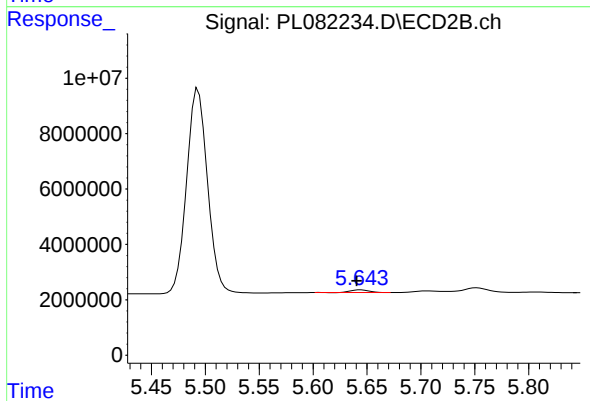
#15 Endosulfan II

R.T.: 5.809 min
Delta R.T.: 0.023 min
Response: 171456
Conc: 0.08 ng/ml



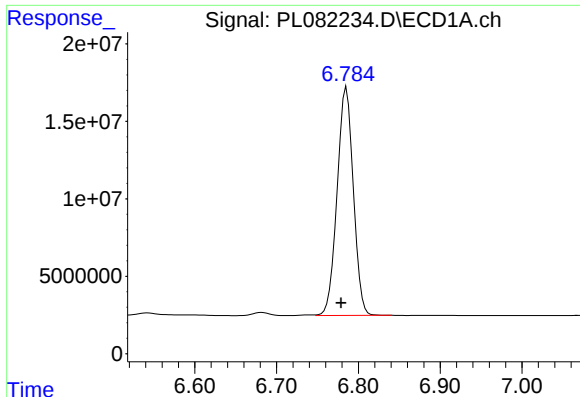
#16 4,4'-DDD

R.T.: 6.474 min
Delta R.T.: 0.006 min
Response: 1378316
Conc: 0.68 ng/ml



#16 4,4'-DDD

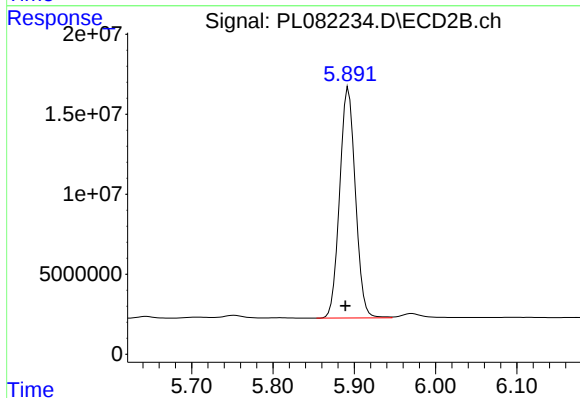
R.T.: 5.644 min
Delta R.T.: 0.004 min
Response: 1155069
Conc: 0.62 ng/ml



#17 4,4'-DDT

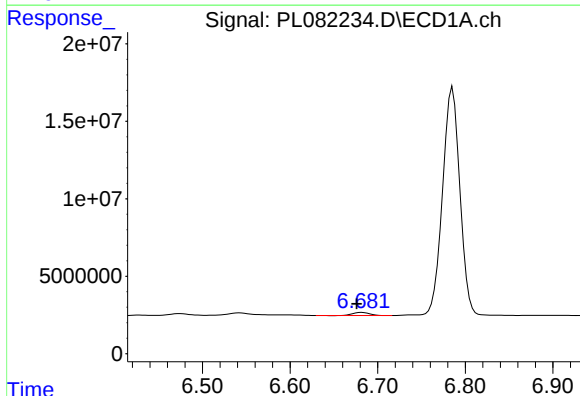
R.T.: 6.785 min
Delta R.T.: 0.007 min
Response: 202387080
Conc: 88.47 ng/ml

Instrument :
ECD_L
ClientSampleId :



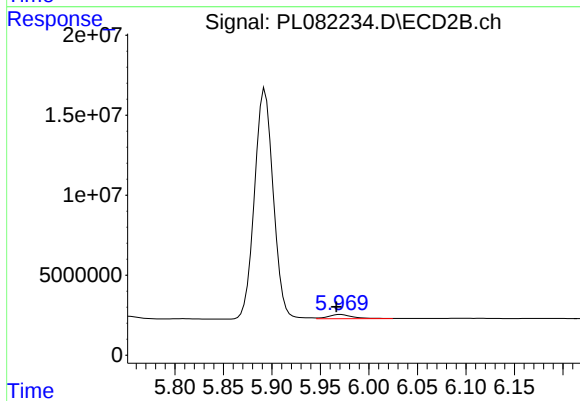
#17 4,4'-DDT

R.T.: 5.893 min
Delta R.T.: 0.004 min
Response: 193359929
Conc: 91.53 ng/ml



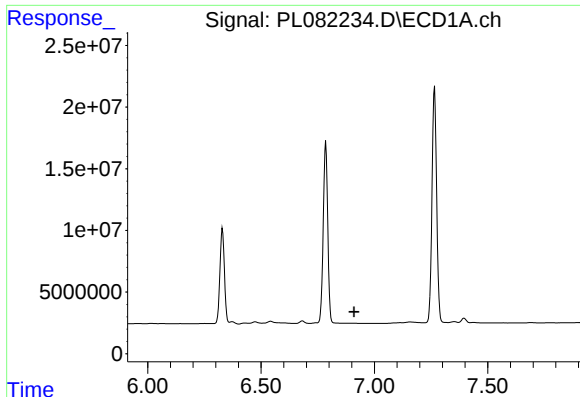
#18 Endrin aldehyde

R.T.: 6.682 min
Delta R.T.: 0.006 min
Response: 2637626
Conc: 1.40 ng/ml



#18 Endrin aldehyde

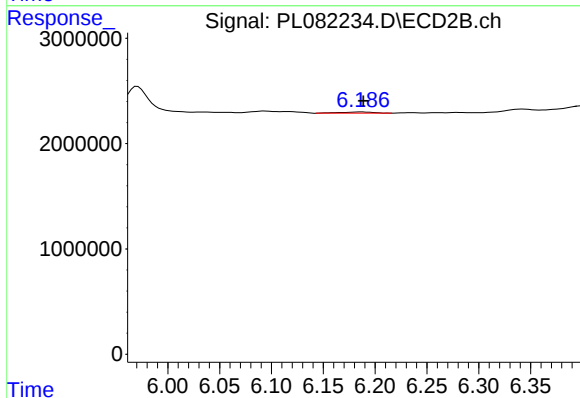
R.T.: 5.971 min
Delta R.T.: 0.004 min
Response: 4627073
Conc: 2.47 ng/ml



#19 Endosulfan Sulfate

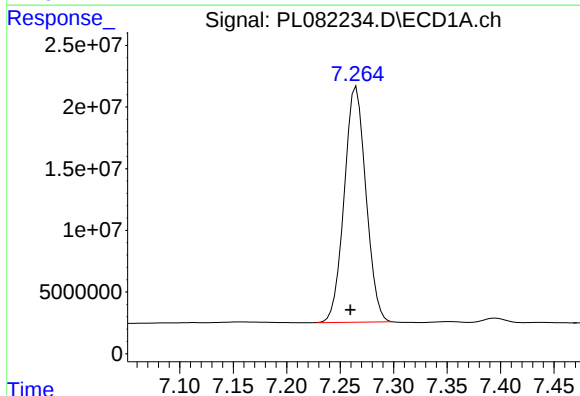
R.T.: 0.000 min
Exp R.T.: 6.910 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



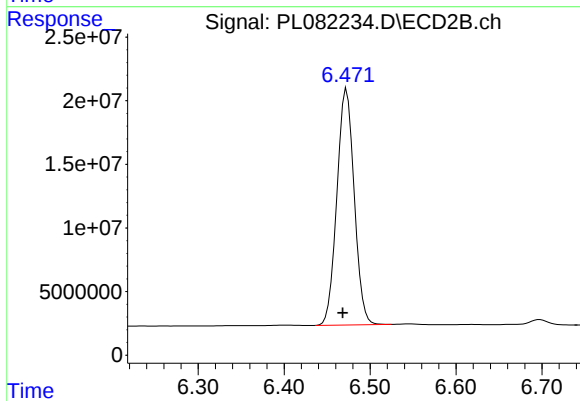
#19 Endosulfan Sulfate

R.T.: 6.187 min
Delta R.T.: -0.002 min
Response: 253039
Conc: 0.11 ng/ml



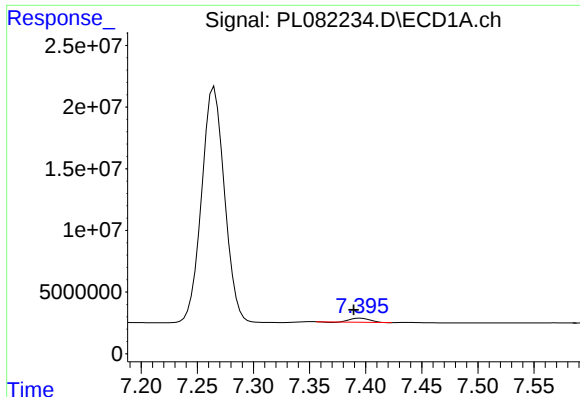
#20 Methoxychlor

R.T.: 7.265 min
Delta R.T.: 0.005 min
Response: 269759016
Conc: 221.05 ng/ml



#20 Methoxychlor

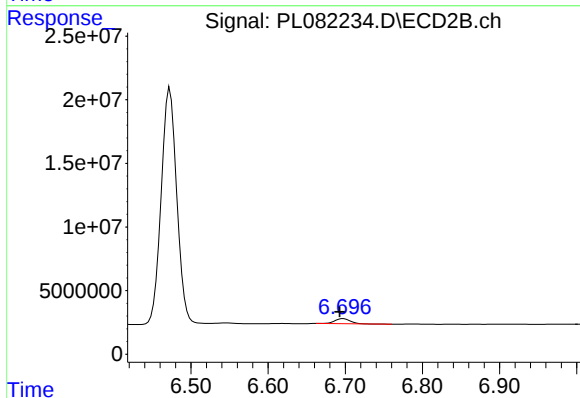
R.T.: 6.473 min
Delta R.T.: 0.005 min
Response: 259803468
Conc: 214.39 ng/ml



#21 Endrin ketone

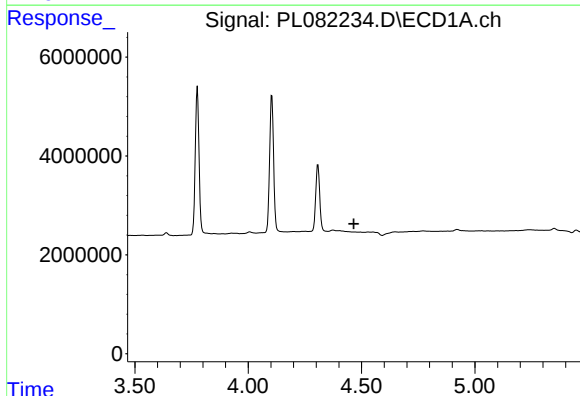
R.T.: 7.396 min
Delta R.T.: 0.006 min
Response: 4143514
Conc: 1.73 ng/ml

Instrument :
ECD_L
ClientSampleId :



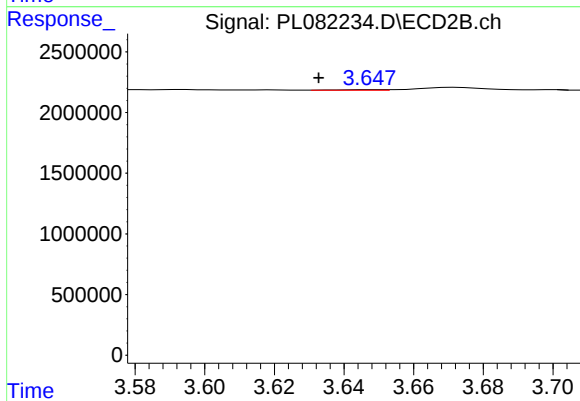
#21 Endrin ketone

R.T.: 6.697 min
Delta R.T.: 0.005 min
Response: 5478523
Conc: 2.16 ng/ml



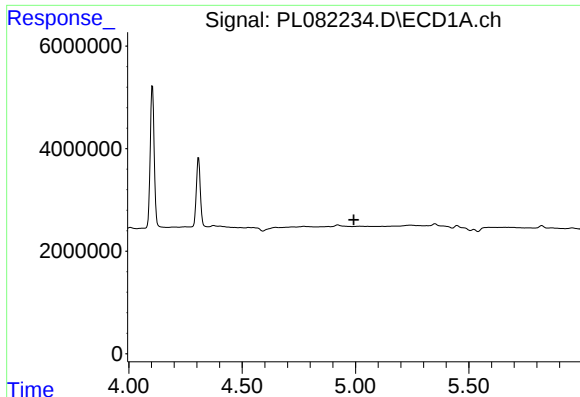
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.466 min
Response: 0
Conc: N.D.



#23 Chlordane-1

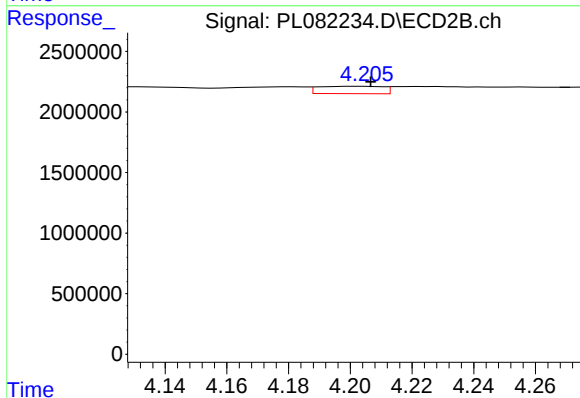
R.T.: 3.649 min
Delta R.T.: 0.016 min
Response: 52017
Conc: 0.59 ng/ml



#24 Chlordane-2

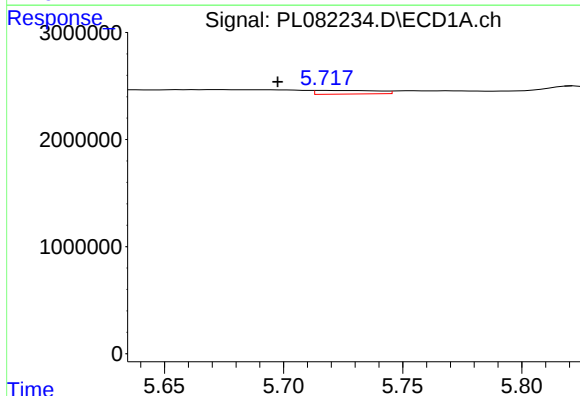
R.T.: 0.000 min
Exp R.T.: 4.992 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



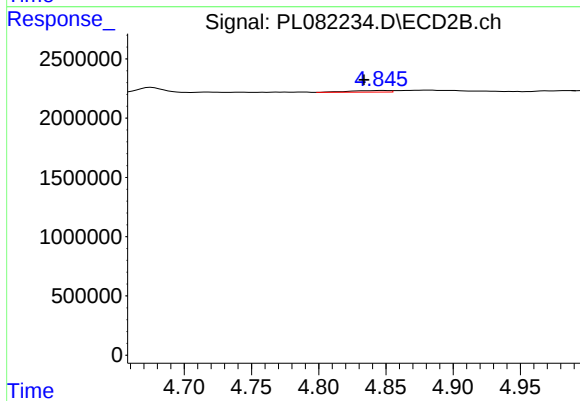
#24 Chlordane-2

R.T.: 4.202 min
Delta R.T.: -0.004 min
Response: 880601
Conc: 7.85 ng/ml



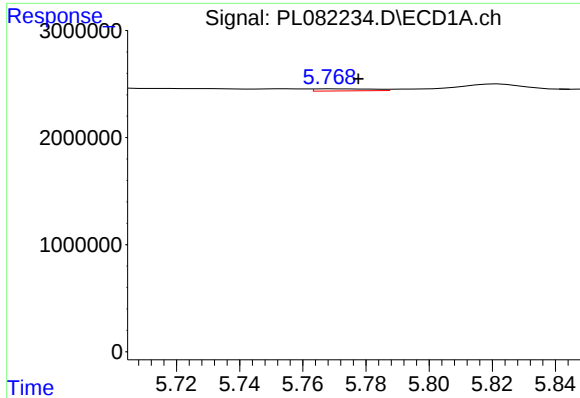
#25 Chlordane-3

R.T.: 5.718 min
Delta R.T.: 0.021 min
Response: 608429
Conc: 1.41 ng/ml



#25 Chlordane-3

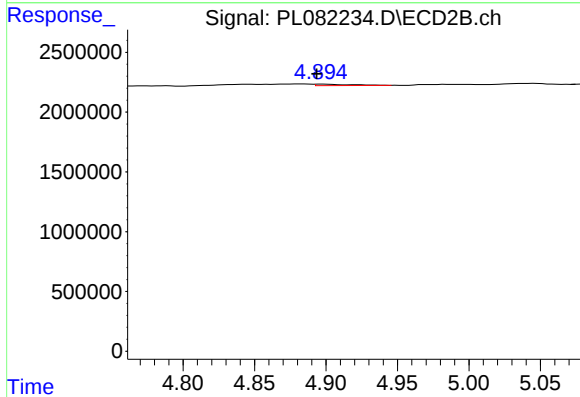
R.T.: 4.847 min
Delta R.T.: 0.013 min
Response: 283658
Conc: 1.00 ng/ml



#26 Chlordane-4

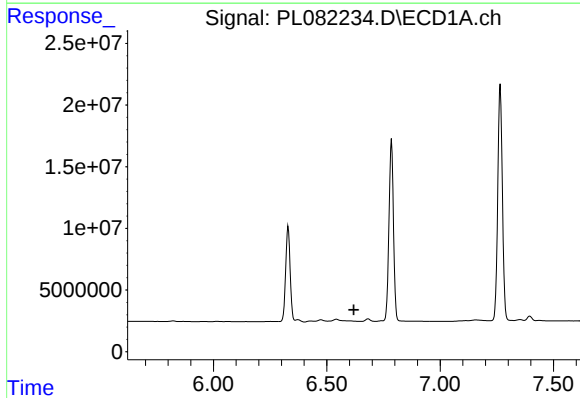
R.T.: 5.769 min
Delta R.T.: -0.009 min
Response: 255698
Conc: 0.49 ng/ml

Instrument :
ECD_L
ClientSampleId :



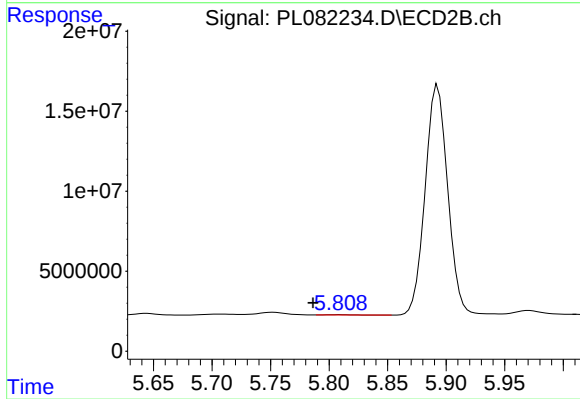
#26 Chlordane-4

R.T.: 4.897 min
Delta R.T.: 0.003 min
Response: 188528
Conc: 0.63 ng/ml



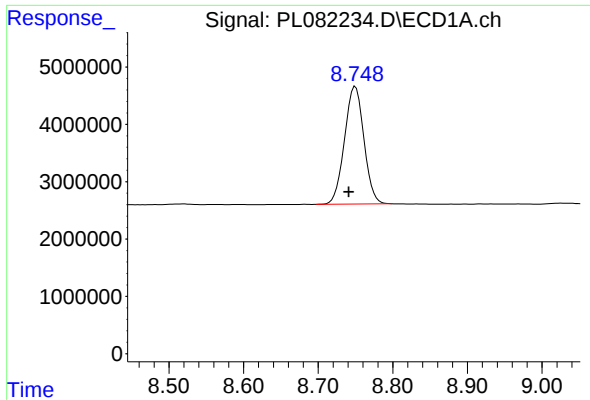
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.619 min
Response: 0
Conc: N.D.



#27 Chlordane-5

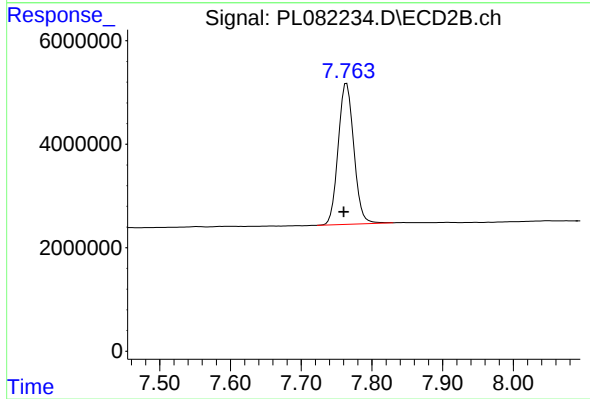
R.T.: 5.809 min
Delta R.T.: 0.023 min
Response: 171456
Conc: 1.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.750 min
Delta R.T.: 0.009 min
Response: 37044994
Conc: 19.40 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.764 min
Delta R.T.: 0.004 min
Response: 41834658
Conc: 18.33 ng/ml