

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052224\
 Data File : PL0895691.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2024 19:12
 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: May 23 02:02:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 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...	3.547	2.793	46784938	32198383	23.234	25.095
28)	SA Decachlor...	9.058	7.939	30083133	30089726	21.503	22.368
Target Compounds							
2)	A alpha-BHC	4.002	3.297	34053663	22220736	11.941	11.776
3)	MA gamma-BHC...	4.335	3.628	31433985	21113892	11.291	11.442
4)	MA Heptachlor	4.922	3.970	2524264	6038	1.018	0.003 #
5)	MB Aldrin	5.290f	4.263	3593881	3683836	1.399	2.084 #
6)	B beta-BHC	4.529	3.925	13403430	10801361	10.625	13.230
7)	B delta-BHC	4.755f	4.151	1033787	1515744	0.390	0.842 #
8)	B Heptachlo...	5.686	4.762	29575476	70851	12.610	0.044 #
9)	A Endosulfan I	6.061f	0.000	7339048	0	3.414	N.D. #
10)	B gamma-Chl...	5.965f	5.010	6458521	5493538	2.825	3.348
11)	B alpha-Chl...	6.036	5.072	4035580	3776096	1.774	2.290 #
12)	B 4,4'-DDE	6.199	5.256	1917759	317848	0.948	0.219 #
13)	MA Dieldrin	6.336f	5.395	-1647	177596	N.D.	0.110
14)	MA Endrin	6.581	5.663	107.2E6	86508664	56.615	60.173
15)	B Endosulfa...	6.817f	5.971	9286536	1071105	4.653	0.745 #
16)	A 4,4'-DDD	6.714	5.809	22011930	5302003	13.048	4.299 #
17)	MA 4,4'-DDT	7.029	6.061	151.3E6	150.5E6	82.290	111.214 #
18)	B Endrin al...	6.928	6.136	3446362	2515634	2.279	2.262
19)	B Endosulfa...	7.180f	6.345f	18574	33267	0.010	0.024 #
20)	A Methoxychlor	7.503	6.636	197.4E6	199.3E6	200.770	249.269
21)	B Endrin ke...	7.647	6.863	7047367	5070970	3.521	3.171
22)	Mirex	8.110	0.000	33282	0	0.021	N.D. #
23)	Chlordane-1	0.000	3.795	0	43811	N.D.	0.890 #
24)	Chlordane-2	5.247	4.391	11469304	7024046	109.134	110.415
25)	Chlordane-3	5.965	5.010	6458521	5493538	19.556	32.085 #
26)	Chlordane-4	6.036	5.072	4035580	3776096	9.900	23.477 #
27)	Chlordane-5	6.879	5.746	505249	710360	6.071	13.880 #

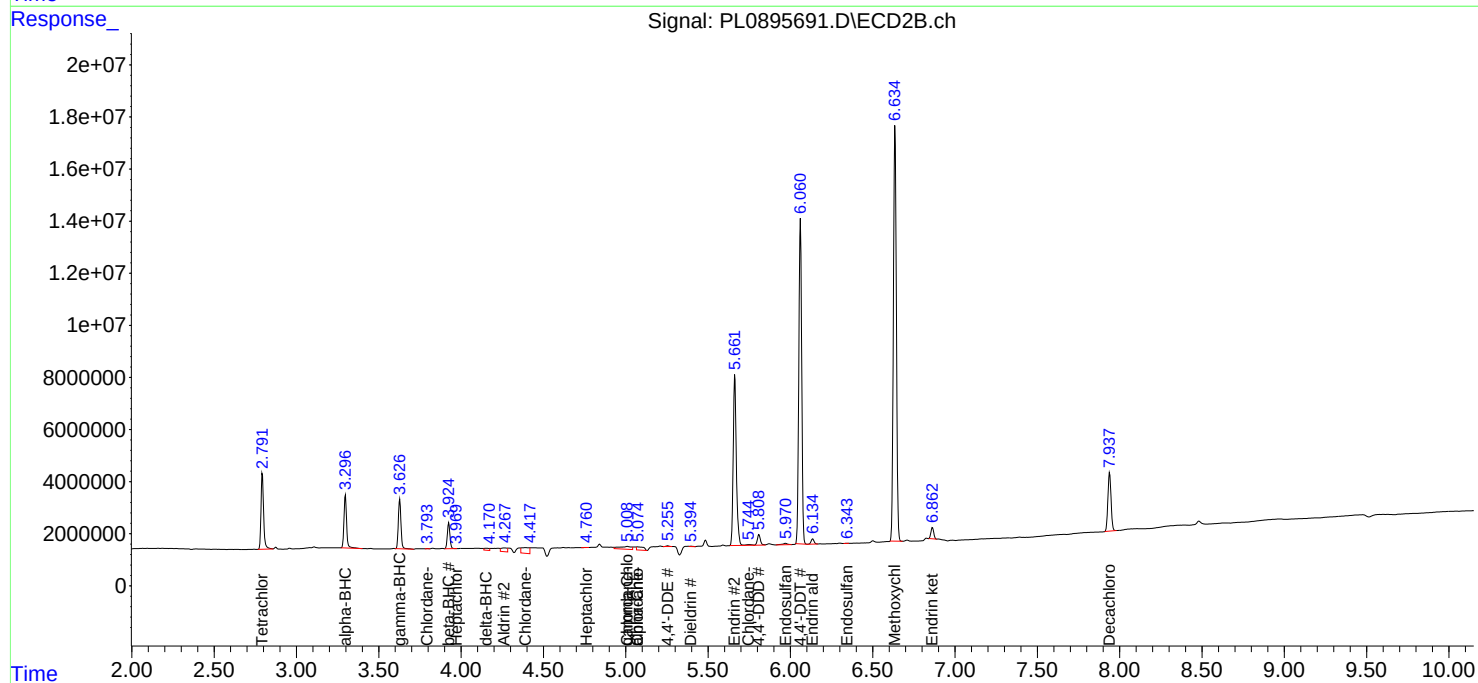
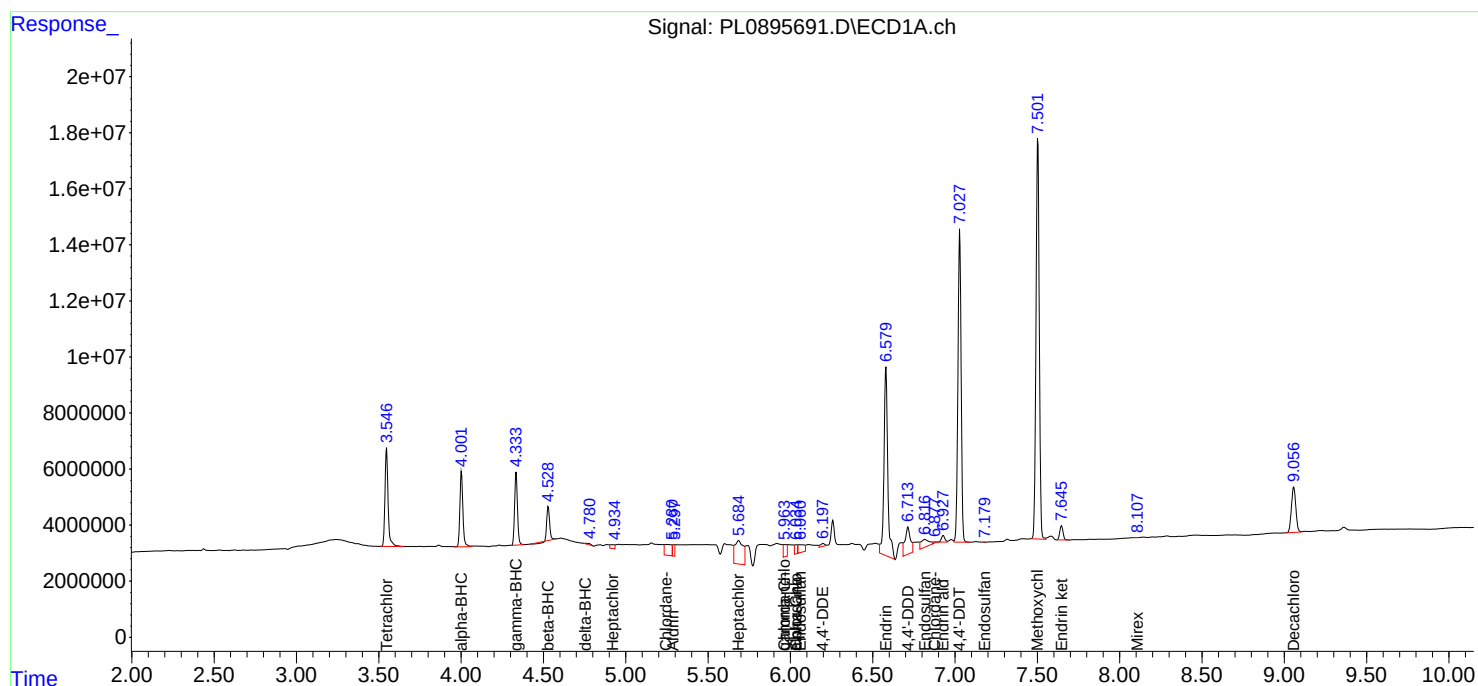
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

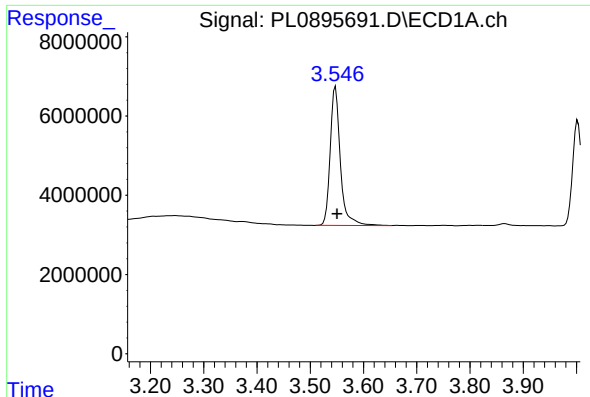
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052224\
Data File : PL0895691.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 May 2024 19:12
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 23 02:02:52 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 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

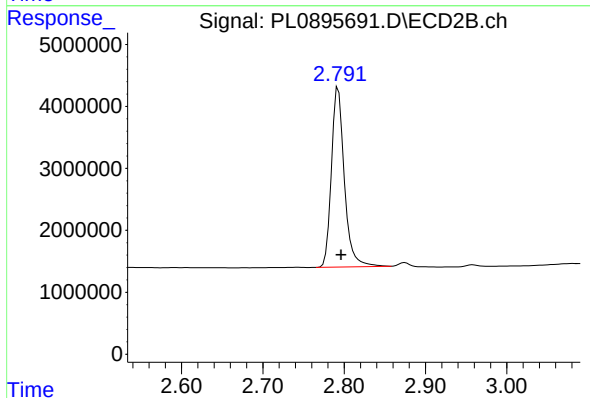




#1 Tetrachloro-m-xylene

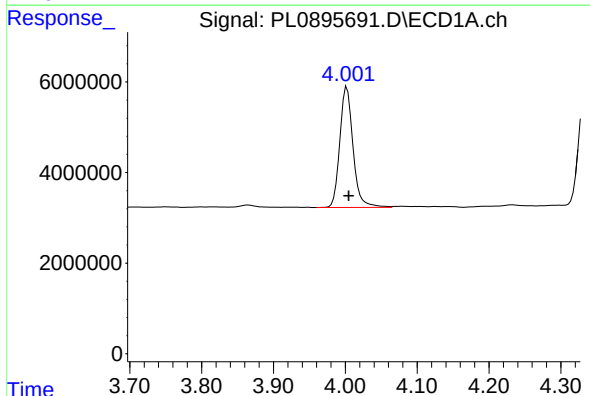
R.T.: 3.547 min
Delta R.T.: -0.003 min
Response: 46784938
Conc: 23.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



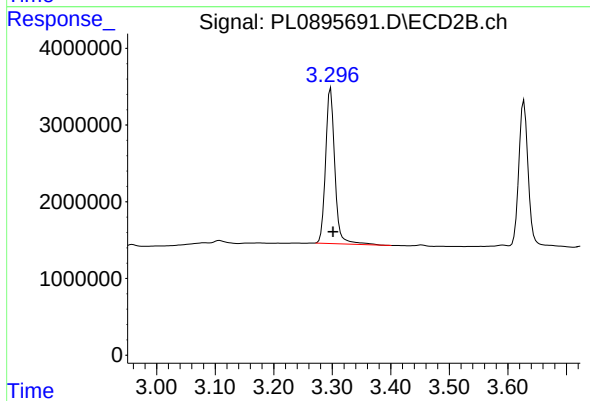
#1 Tetrachloro-m-xylene

R.T.: 2.793 min
Delta R.T.: -0.003 min
Response: 32198383
Conc: 25.10 ng/ml



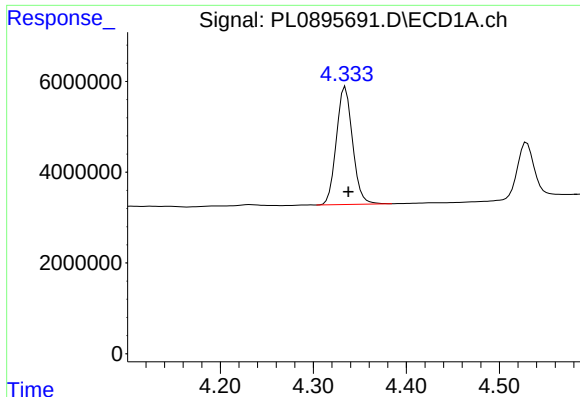
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: -0.003 min
Response: 34053663
Conc: 11.94 ng/ml



#2 alpha-BHC

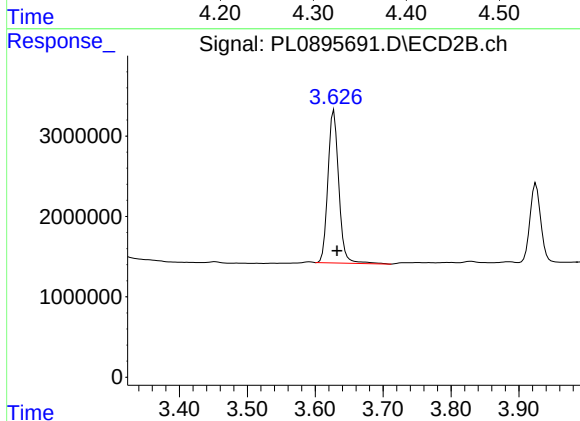
R.T.: 3.297 min
Delta R.T.: -0.004 min
Response: 22220736
Conc: 11.78 ng/ml



#3 gamma-BHC (Lindane)

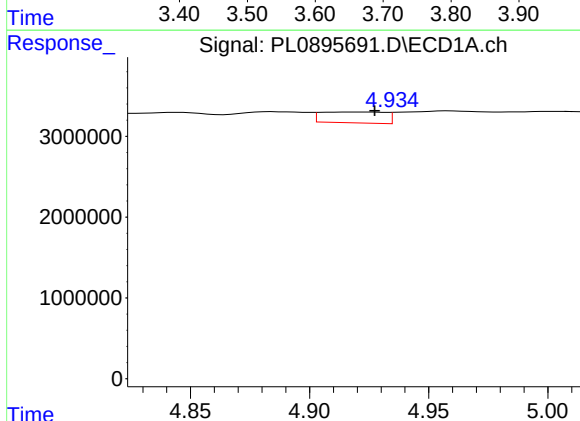
R.T.: 4.335 min
Delta R.T.: -0.003 min
Response: 31433985
Conc: 11.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



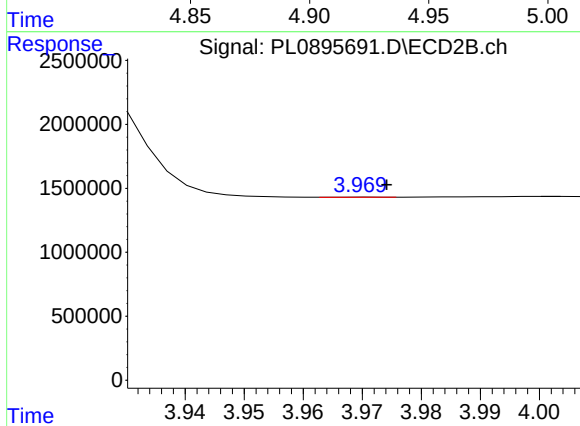
#3 gamma-BHC (Lindane)

R.T.: 3.628 min
Delta R.T.: -0.004 min
Response: 21113892
Conc: 11.44 ng/ml



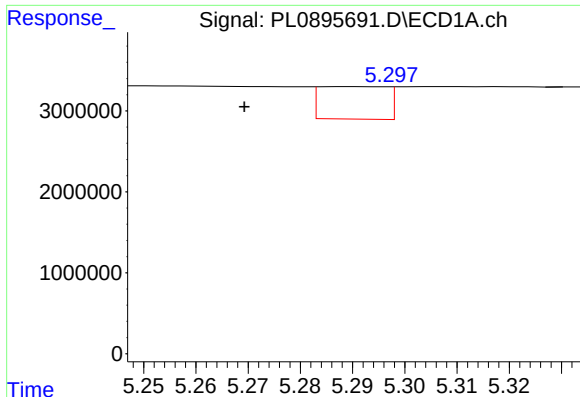
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: -0.005 min
Response: 2524264
Conc: 1.02 ng/ml



#4 Heptachlor

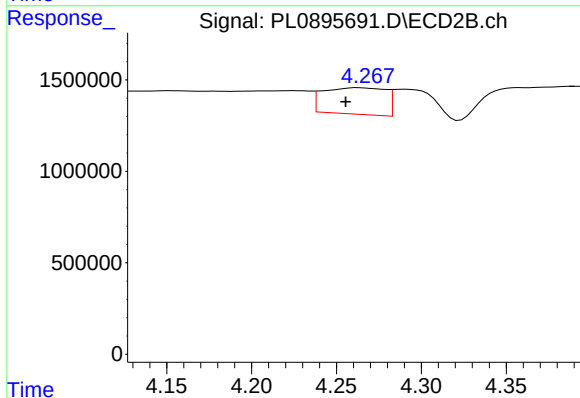
R.T.: 3.970 min
Delta R.T.: -0.004 min
Response: 6038
Conc: 0.00 ng/ml



#5 Aldrin

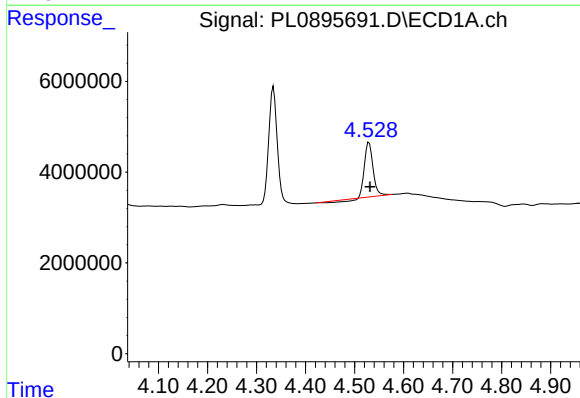
R.T.: 5.290 min
Delta R.T.: 0.021 min
Response: 3593881
Conc: 1.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



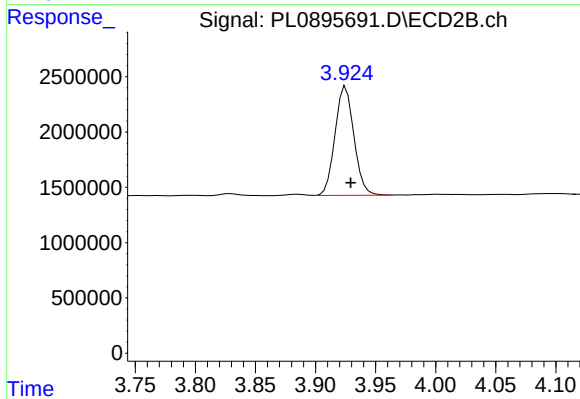
#5 Aldrin

R.T.: 4.263 min
Delta R.T.: 0.007 min
Response: 3683836
Conc: 2.08 ng/ml



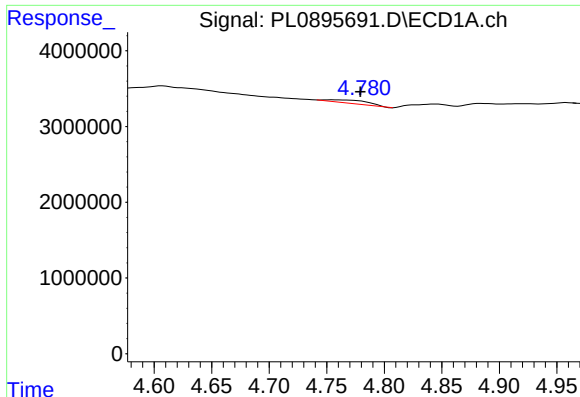
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: -0.002 min
Response: 13403430
Conc: 10.62 ng/ml



#6 beta-BHC

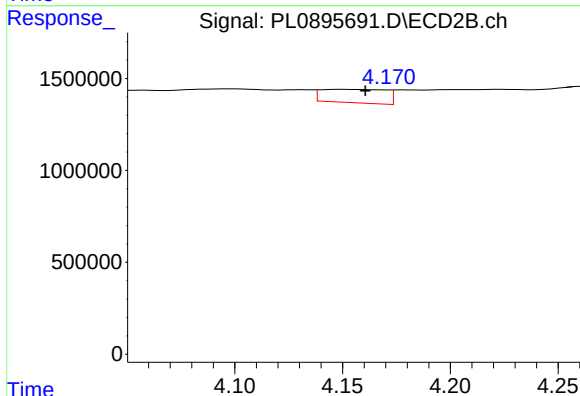
R.T.: 3.925 min
Delta R.T.: -0.004 min
Response: 10801361
Conc: 13.23 ng/ml



#7 delta-BHC

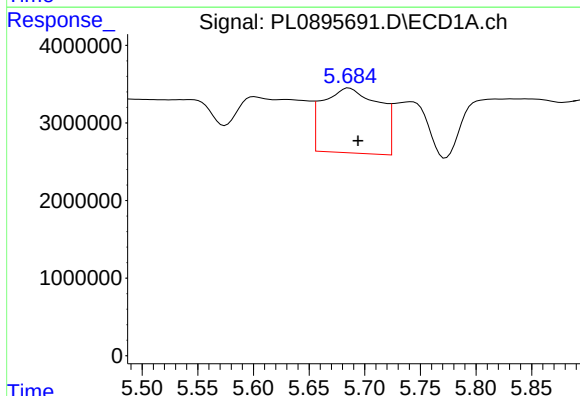
R.T.: 4.755 min
Delta R.T.: -0.024 min
Response: 1033787
Conc: 0.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



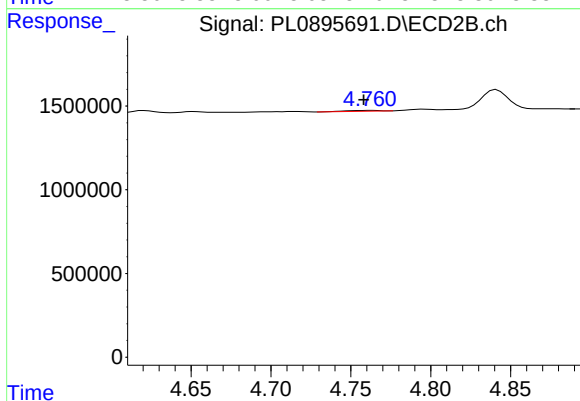
#7 delta-BHC

R.T.: 4.151 min
Delta R.T.: -0.010 min
Response: 1515744
Conc: 0.84 ng/ml



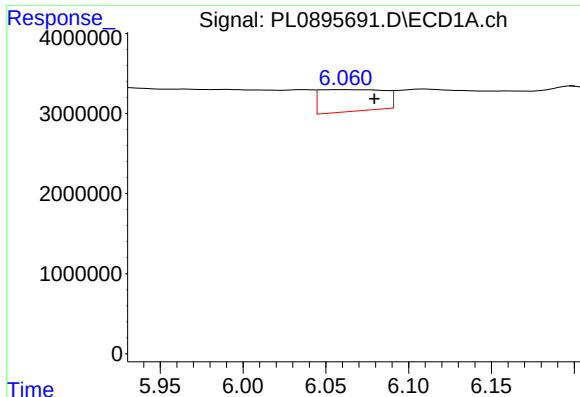
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.008 min
Response: 29575476
Conc: 12.61 ng/ml



#8 Heptachlor epoxide

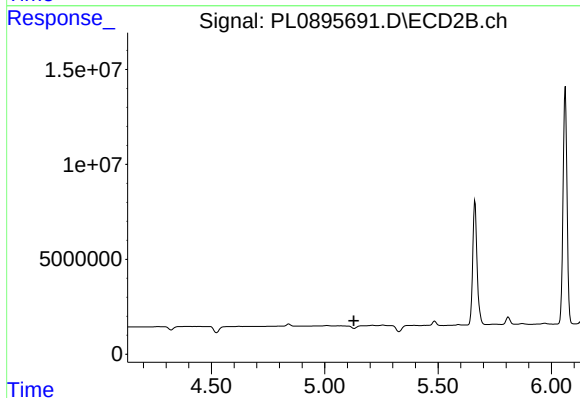
R.T.: 4.762 min
Delta R.T.: 0.004 min
Response: 70851
Conc: 0.04 ng/ml



#9 Endosulfan I

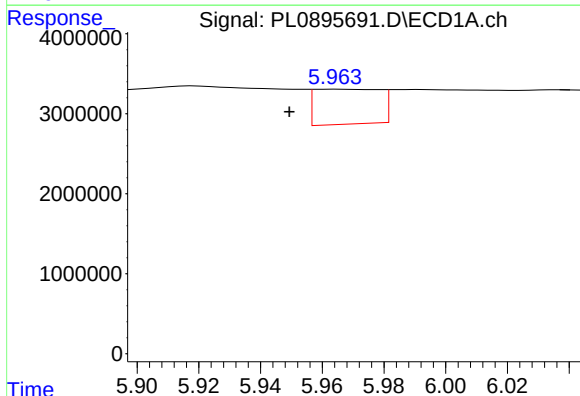
R.T.: 6.061 min
Delta R.T.: -0.018 min
Response: 7339048
Conc: 3.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



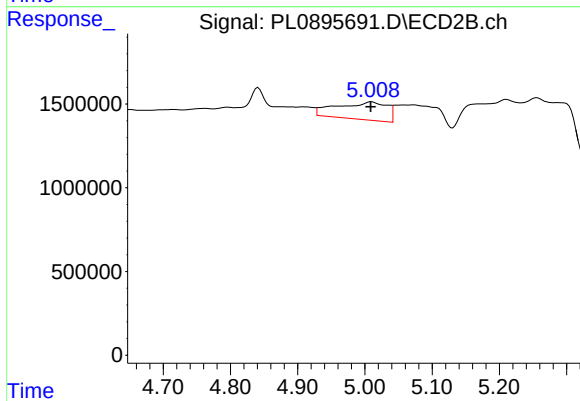
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.129 min
Response: 0
Conc: N.D.



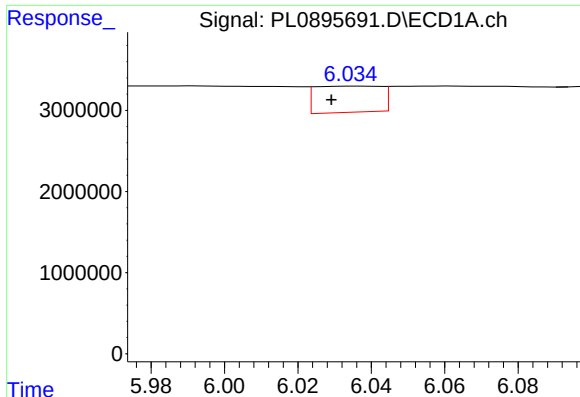
#10 gamma-Chlordane

R.T.: 5.965 min
Delta R.T.: 0.015 min
Response: 6458521
Conc: 2.83 ng/ml



#10 gamma-Chlordane

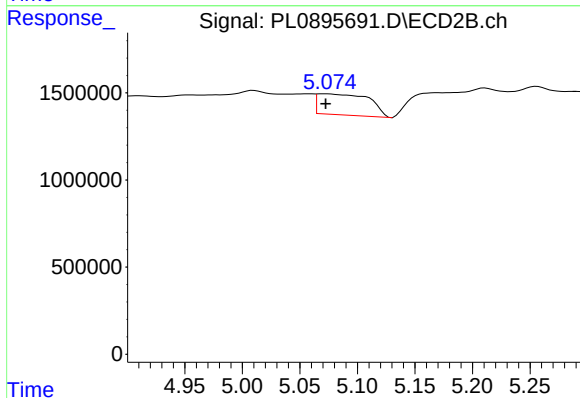
R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: 5493538
Conc: 3.35 ng/ml



#11 alpha-Chlordane

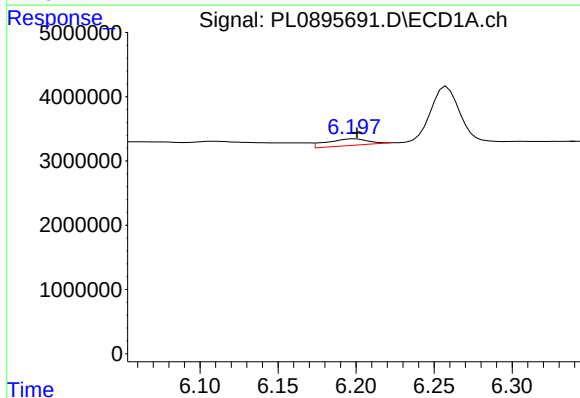
R.T.: 6.036 min
Delta R.T.: 0.007 min
Response: 4035580
Conc: 1.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



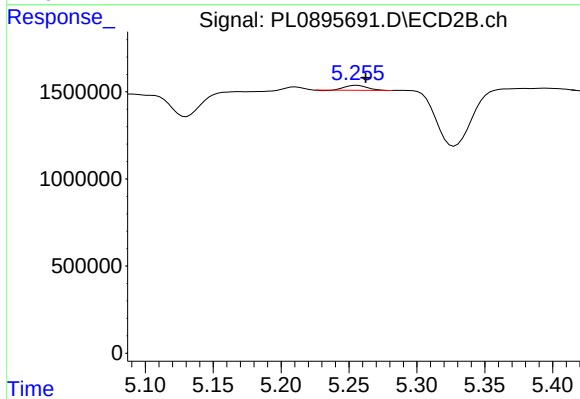
#11 alpha-Chlordane

R.T.: 5.072 min
Delta R.T.: 0.000 min
Response: 3776096
Conc: 2.29 ng/ml



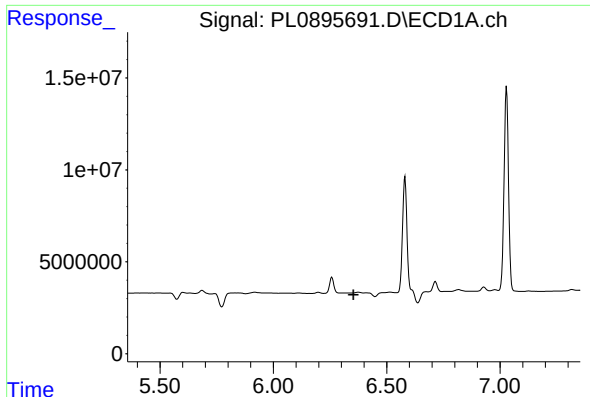
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: -0.002 min
Response: 1917759
Conc: 0.95 ng/ml



#12 4,4'-DDE

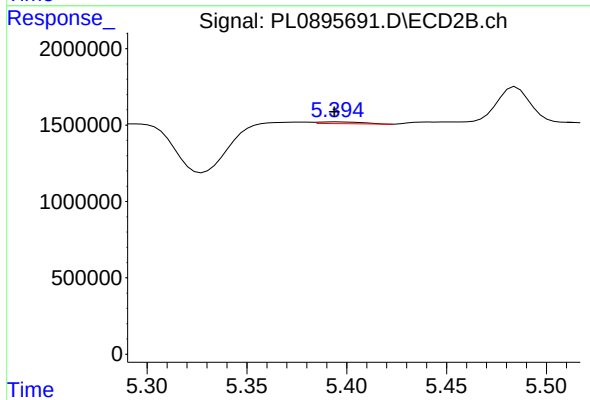
R.T.: 5.256 min
Delta R.T.: -0.006 min
Response: 317848
Conc: 0.22 ng/ml



#13 Dieldrin

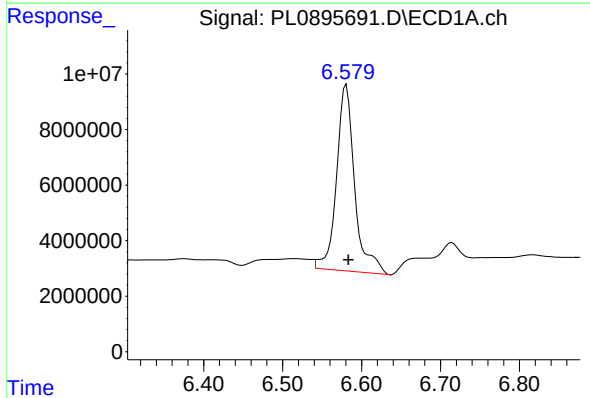
R.T.: 6.336 min
Delta R.T.: -0.018 min
Response: -1647
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



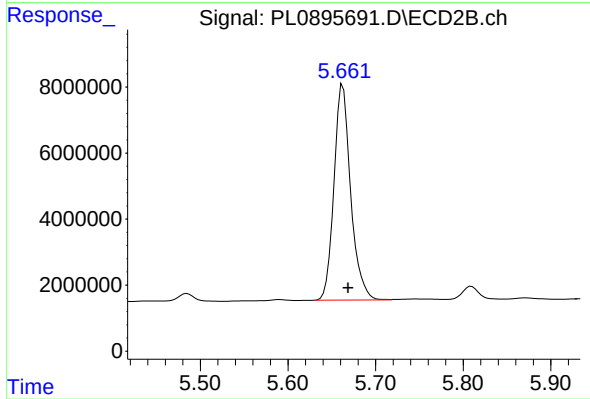
#13 Dieldrin

R.T.: 5.395 min
Delta R.T.: 0.002 min
Response: 177596
Conc: 0.11 ng/ml



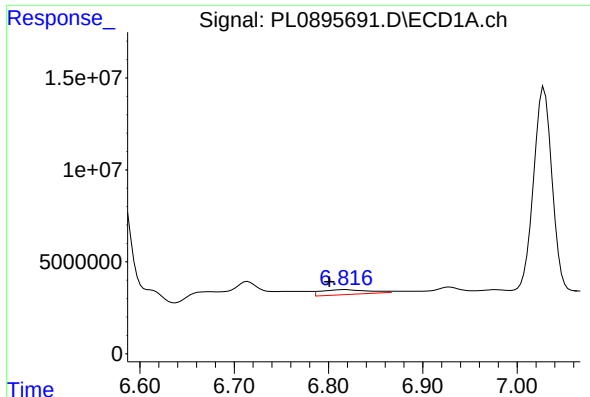
#14 Endrin

R.T.: 6.581 min
Delta R.T.: -0.003 min
Response: 107247824
Conc: 56.61 ng/ml



#14 Endrin

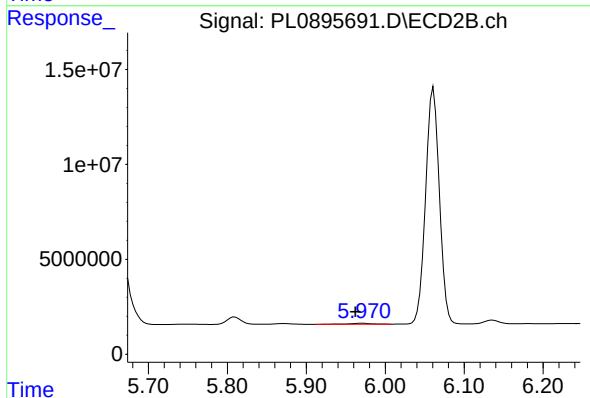
R.T.: 5.663 min
Delta R.T.: -0.006 min
Response: 86508664
Conc: 60.17 ng/ml



#15 Endosulfan II

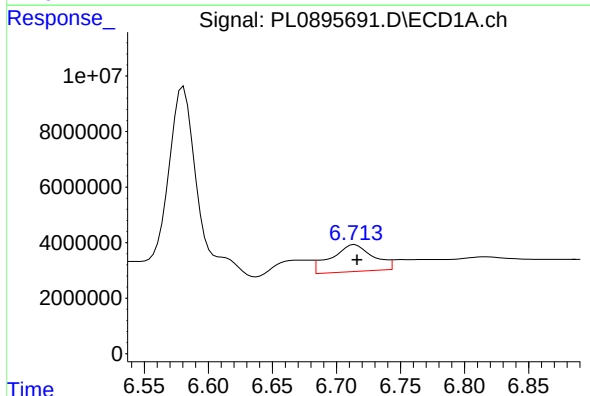
R.T.: 6.817 min
Delta R.T.: 0.016 min
Response: 9286536
Conc: 4.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



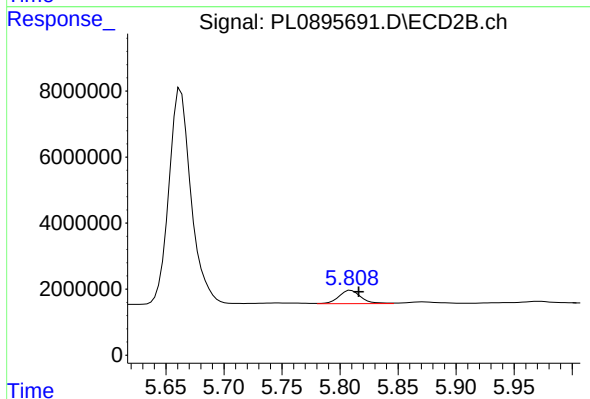
#15 Endosulfan II

R.T.: 5.971 min
Delta R.T.: 0.009 min
Response: 1071105
Conc: 0.74 ng/ml



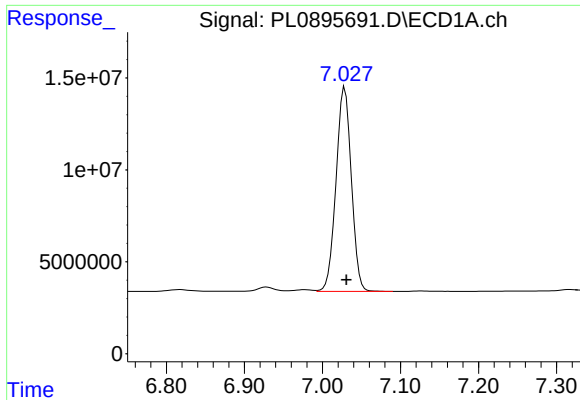
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: -0.002 min
Response: 22011930
Conc: 13.05 ng/ml



#16 4,4'-DDD

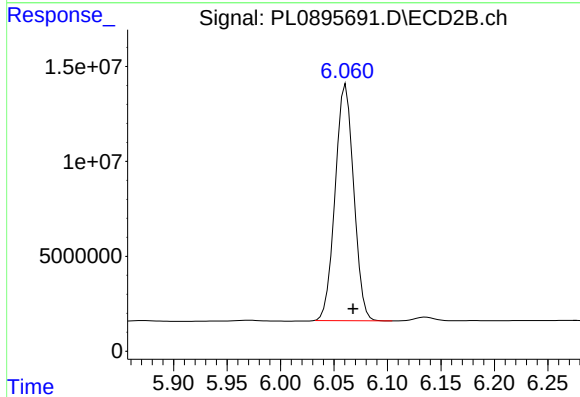
R.T.: 5.809 min
Delta R.T.: -0.007 min
Response: 5302003
Conc: 4.30 ng/ml



#17 4,4'-DDT

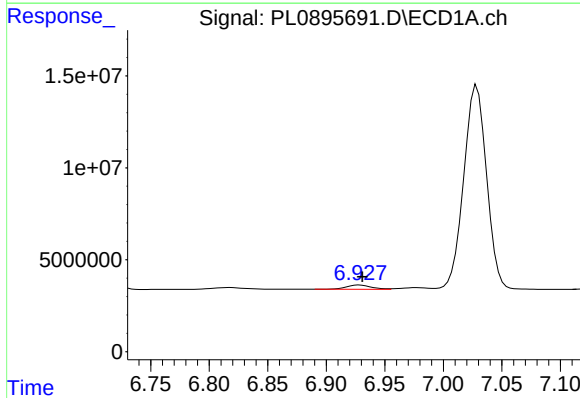
R.T.: 7.029 min
Delta R.T.: -0.002 min
Response: 151330017
Conc: 82.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



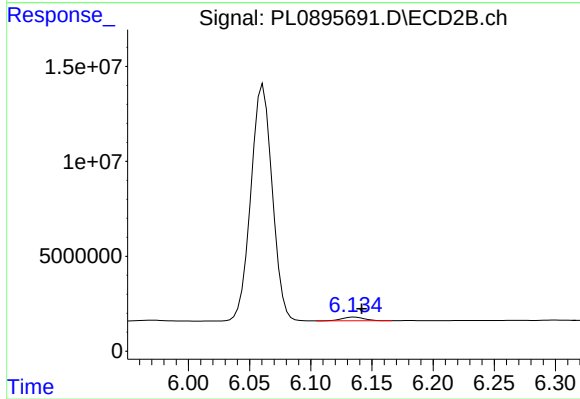
#17 4,4'-DDT

R.T.: 6.061 min
Delta R.T.: -0.007 min
Response: 150470592
Conc: 111.21 ng/ml



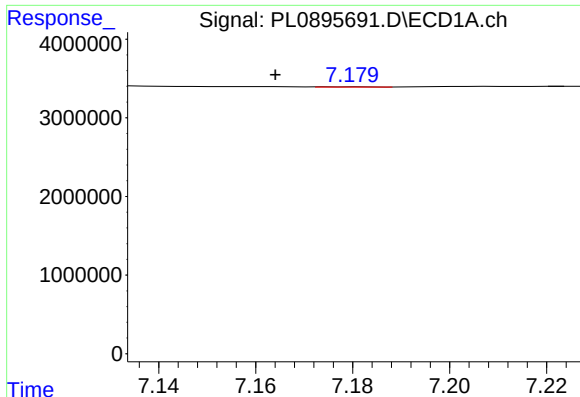
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: -0.003 min
Response: 3446362
Conc: 2.28 ng/ml



#18 Endrin aldehyde

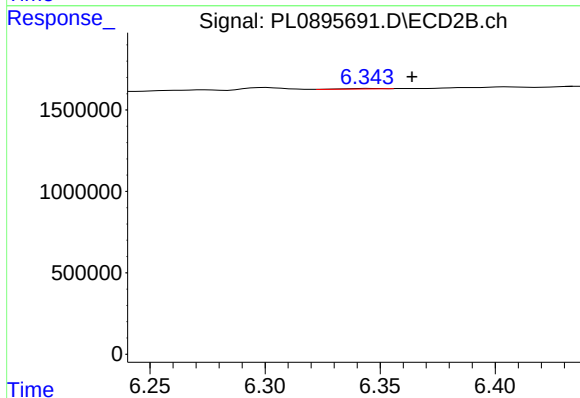
R.T.: 6.136 min
Delta R.T.: -0.006 min
Response: 2515634
Conc: 2.26 ng/ml



#19 Endosulfan Sulfate

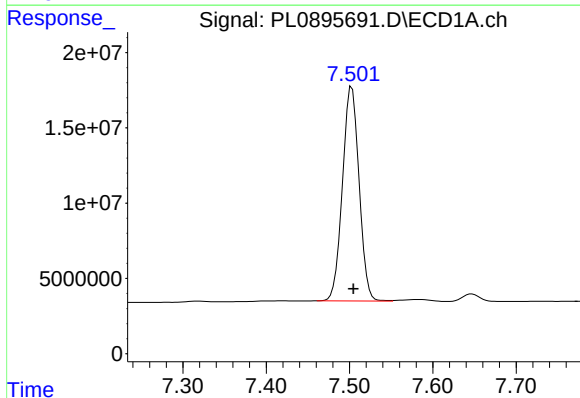
R.T.: 7.180 min
Delta R.T.: 0.015 min
Response: 18574
Conc: 0.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



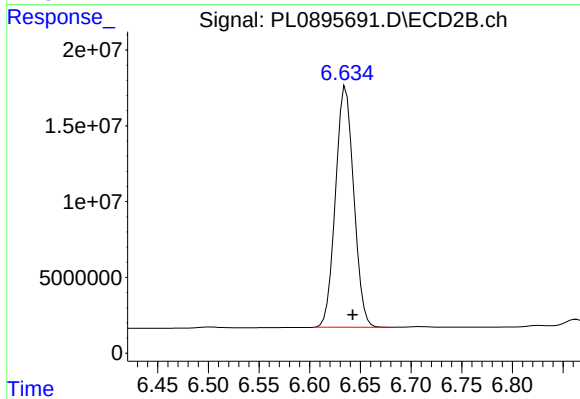
#19 Endosulfan Sulfate

R.T.: 6.345 min
Delta R.T.: -0.019 min
Response: 33267
Conc: 0.02 ng/ml



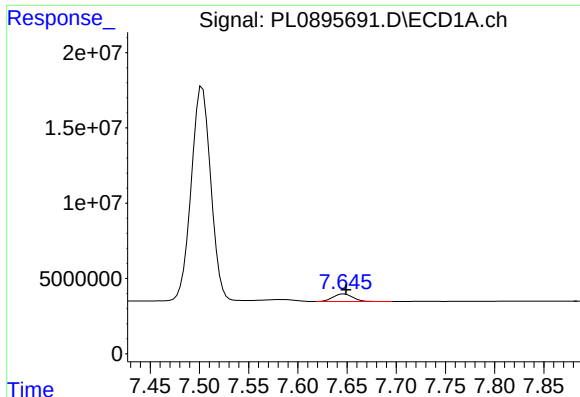
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: -0.002 min
Response: 197437847
Conc: 200.77 ng/ml



#20 Methoxychlor

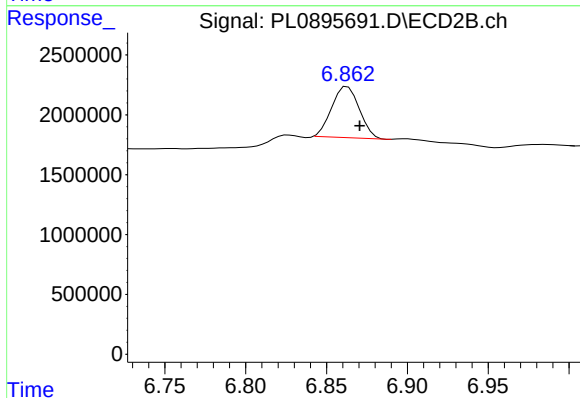
R.T.: 6.636 min
Delta R.T.: -0.007 min
Response: 199311883
Conc: 249.27 ng/ml



#21 Endrin ketone

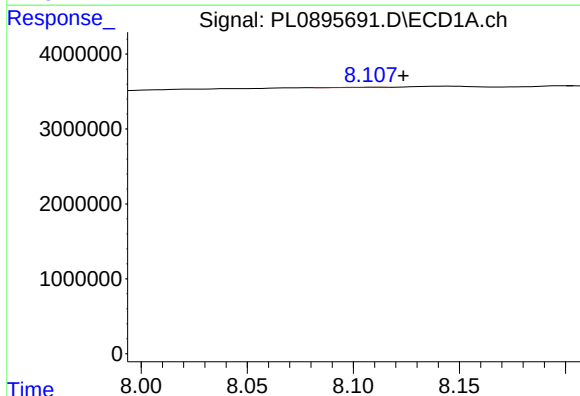
R.T.: 7.647 min
Delta R.T.: -0.002 min
Response: 7047367
Conc: 3.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



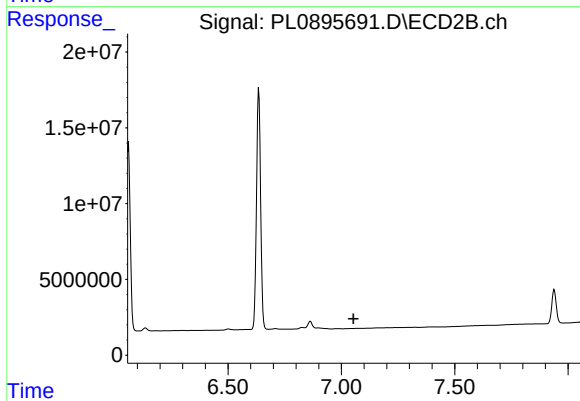
#21 Endrin ketone

R.T.: 6.863 min
Delta R.T.: -0.008 min
Response: 5070970
Conc: 3.17 ng/ml



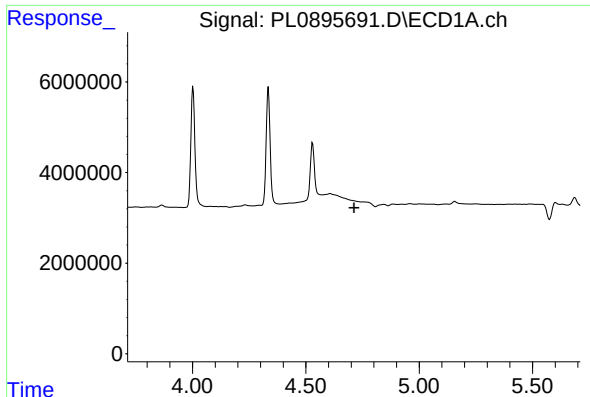
#22 Mirex

R.T.: 8.110 min
Delta R.T.: -0.014 min
Response: 33282
Conc: 0.02 ng/ml



#22 Mirex

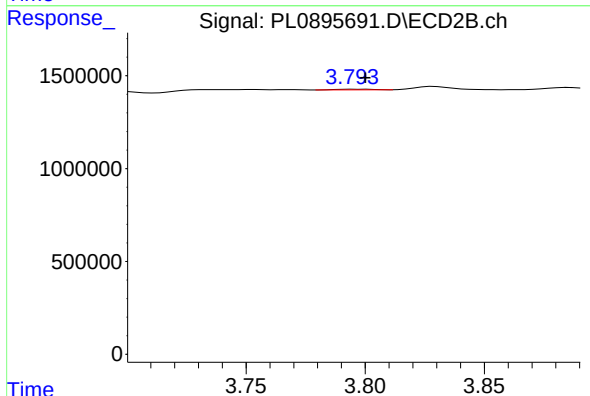
R.T.: 0.000 min
Exp R.T.: 7.054 min
Response: 0
Conc: N.D.



#23 Chlordane-1

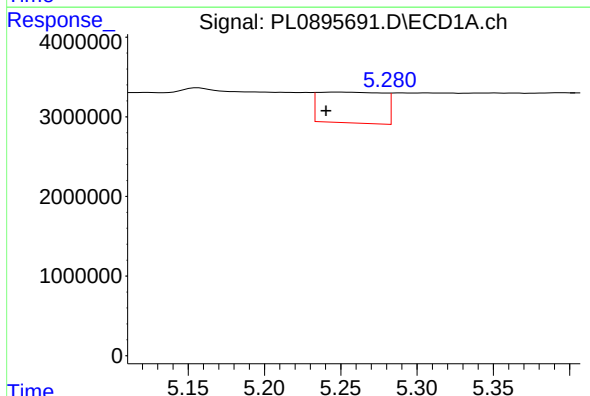
R.T.: 0.000 min
Exp R.T.: 4.713 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



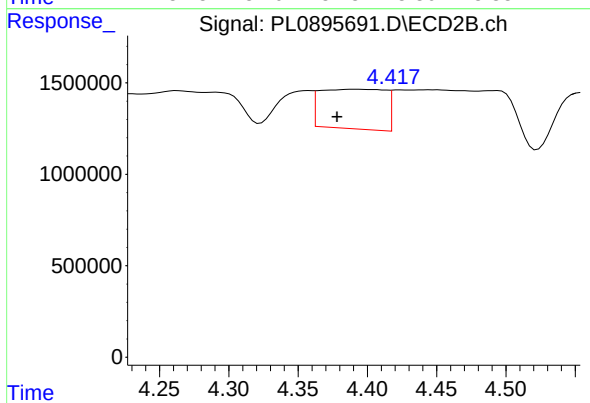
#23 Chlordane-1

R.T.: 3.795 min
Delta R.T.: -0.005 min
Response: 43811
Conc: 0.89 ng/ml



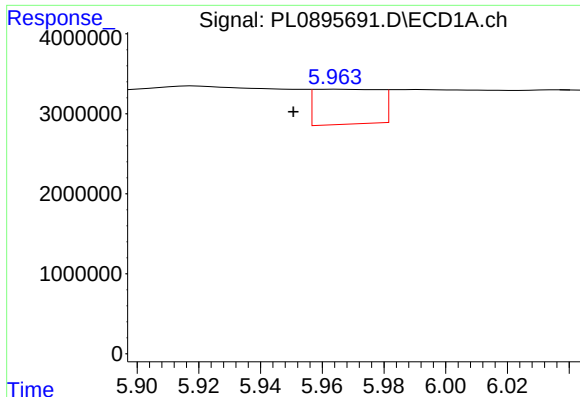
#24 Chlordane-2

R.T.: 5.247 min
Delta R.T.: 0.007 min
Response: 11469304
Conc: 109.13 ng/ml



#24 Chlordane-2

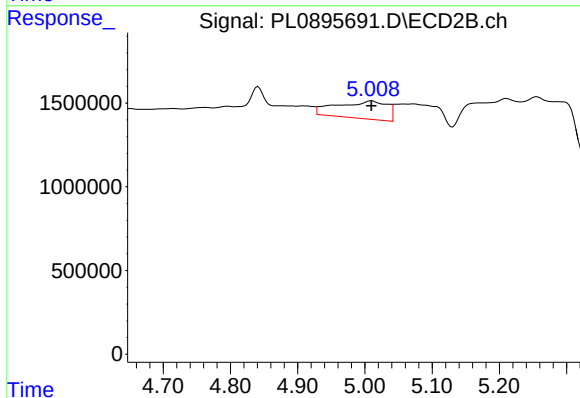
R.T.: 4.391 min
Delta R.T.: 0.013 min
Response: 7024046
Conc: 110.41 ng/ml



#25 Chlordane-3

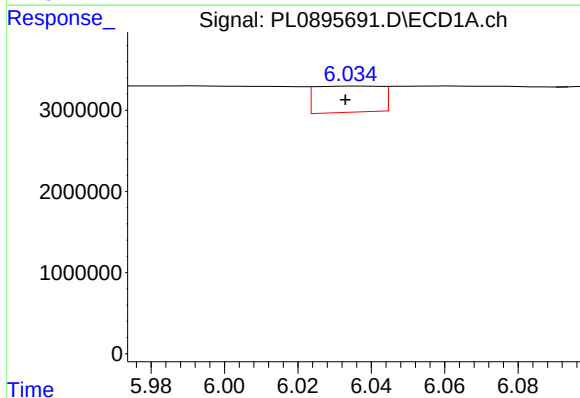
R.T.: 5.965 min
Delta R.T.: 0.014 min
Response: 6458521
Conc: 19.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



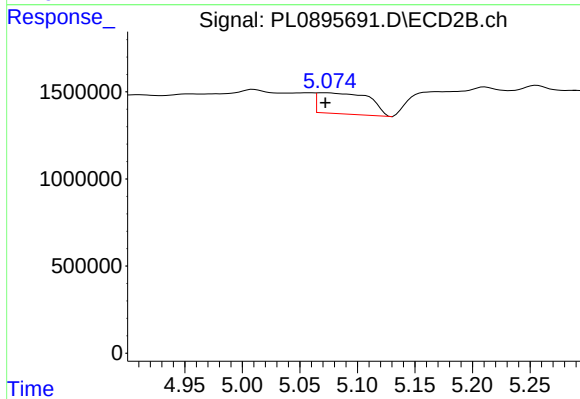
#25 Chlordane-3

R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: 5493538
Conc: 32.08 ng/ml



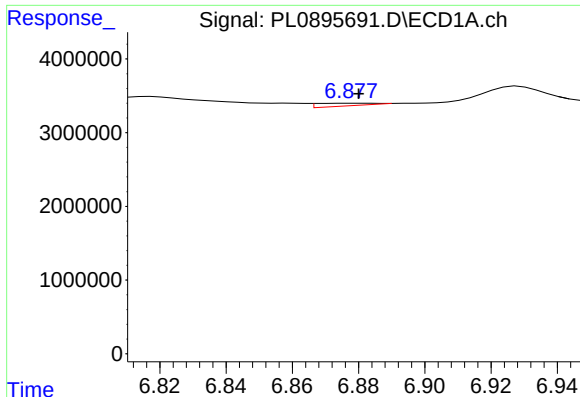
#26 Chlordane-4

R.T.: 6.036 min
Delta R.T.: 0.003 min
Response: 4035580
Conc: 9.90 ng/ml



#26 Chlordane-4

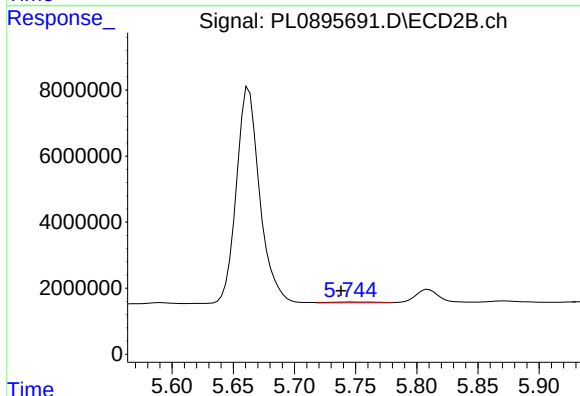
R.T.: 5.072 min
Delta R.T.: 0.000 min
Response: 3776096
Conc: 23.48 ng/ml



#27 Chlordane-5

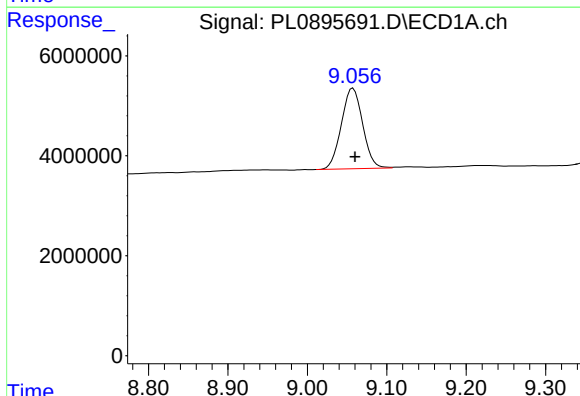
R.T.: 6.879 min
Delta R.T.: -0.001 min
Response: 505249
Conc: 6.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



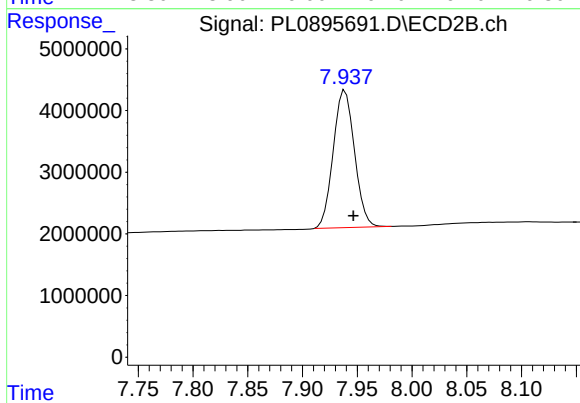
#27 Chlordane-5

R.T.: 5.746 min
Delta R.T.: 0.008 min
Response: 710360
Conc: 13.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.003 min
Response: 30083133
Conc: 21.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.939 min
Delta R.T.: -0.008 min
Response: 30089726
Conc: 22.37 ng/ml