

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031424\
 Data File : PL088581.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Mar 2024 18:32
 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: Mar 14 01:57:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 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...	3.634	2.851	56638923	28078684	21.373	21.068
28)	SA Decachlor...	9.302	8.081	51853421	29183011	20.977	21.523
Target Compounds							
2)	A alpha-BHC	4.099	3.366	39468431	18993918	9.888	9.452
3)	MA gamma-BHC...	4.437	3.703	38535517	17985156	9.936	9.372
5)	MB Aldrin	0.000	4.346	0	185680	N.D.	0.103 #
6)	B beta-BHC	4.635	4.005	20016793	9332868	11.287	10.887
7)	B delta-BHC	0.000	4.235	0	99539	N.D.	0.052 #
8)	B Heptachlo...	5.810	4.844	3525284	10232	1.026	0.006 #
9)	A Endosulfan I	6.207	5.221	188293	101255	0.062	0.067
10)	B gamma-Chl...	6.046f	5.110	5587978	383274	1.678	0.231 #
11)	B alpha-Chl...	6.182f	5.172	1527622	139322	0.460	0.084 #
12)	B 4,4'-DDE	0.000	5.362	0	250400	N.D.	0.172 #
13)	MA Dieldrin	6.510f	5.500	528844	41060	0.163	0.025 #
14)	MA Endrin	6.719	5.772	137.8E6	71795518	50.399	49.809
15)	B Endosulfa...	6.954	6.057	3365220	62112	1.175	0.043 #
16)	A 4,4'-DDD	6.853	5.923	3399111	1222856	1.335	0.982 #
17)	MA 4,4'-DDT	7.172	6.177	285.4E6	146.7E6	107.054	109.270
18)	B Endrin al...	7.070	6.253	2637172	2037435	1.263	1.944 #
19)	B Endosulfa...	0.000	6.492	0	44861	N.D.	0.032 #
20)	A Methoxychlor	7.653	6.761	378.8E6	192.6E6	251.466	240.089
21)	B Endrin ke...	7.799	6.990	6698395	4240141	2.266	2.569
22)	Mirex	0.000	7.197f	0	491696	N.D.	0.365 #
23)	Chlordane-1	0.000	3.908f	0	172629	N.D.	3.555 #
24)	Chlordane-2	0.000	4.463	0	154611	N.D.	2.546 #
25)	Chlordane-3	0.000	5.110	0	383274	N.D.	2.246 #
26)	Chlordane-4	6.182f	5.172	1527622	139322	2.547	0.873 #
27)	Chlordane-5	0.000	5.873f	0	309183	N.D.	6.096 #

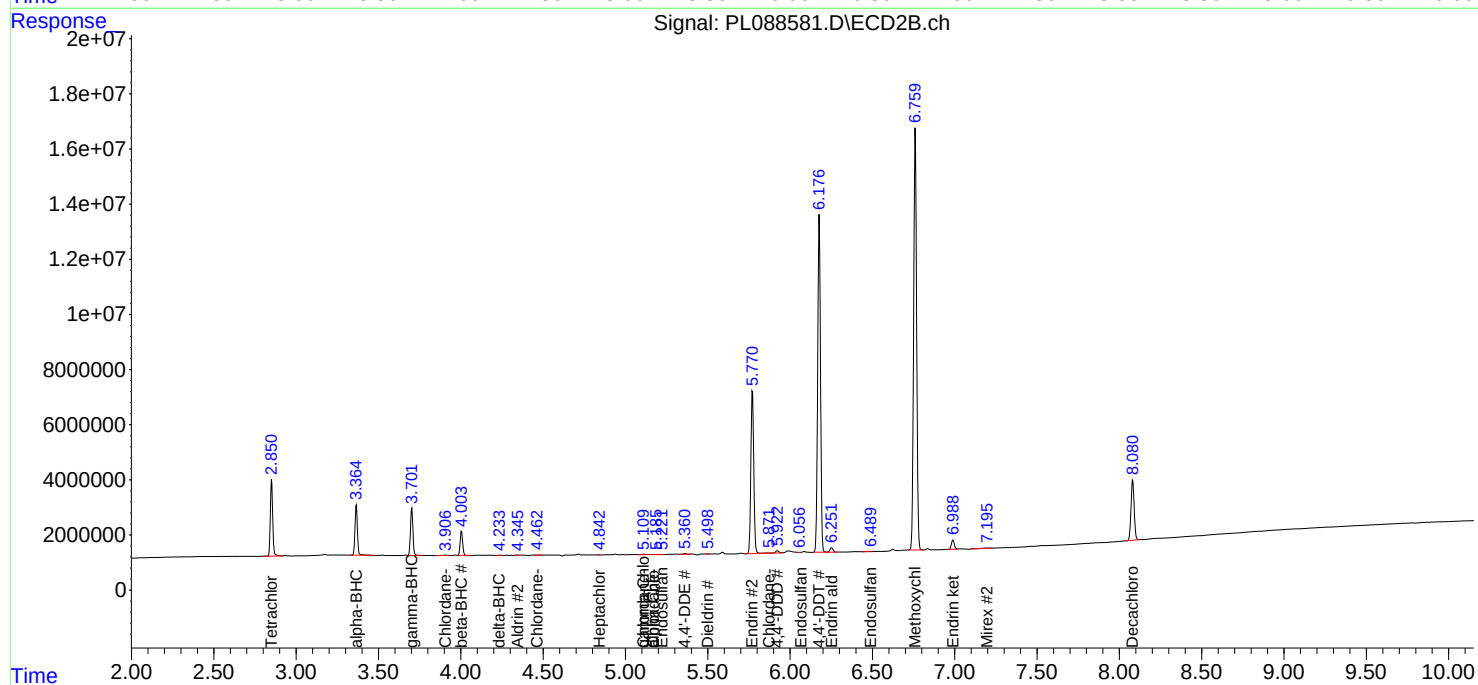
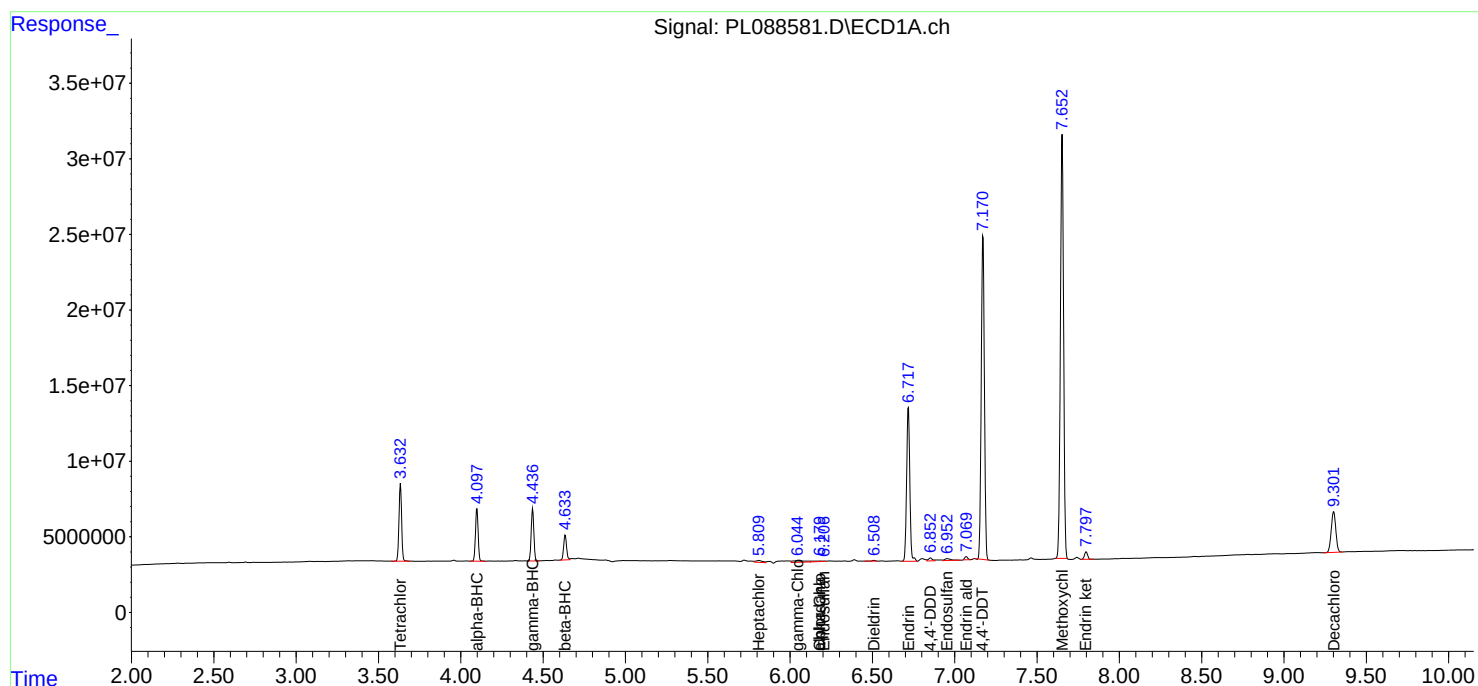
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

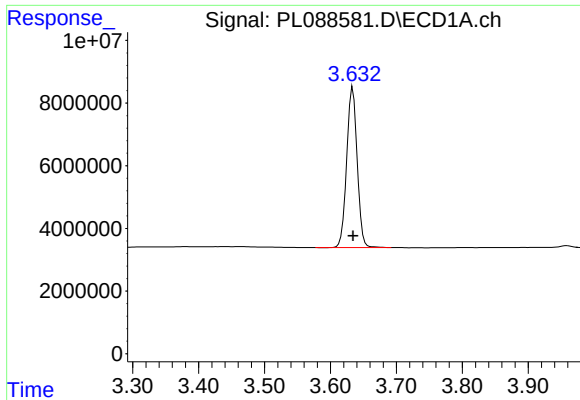
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031424\
Data File : PL088581.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Mar 2024 18:32
Operator : AR\AJ
Sample : PEM
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Instrument :
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 14 01:57:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

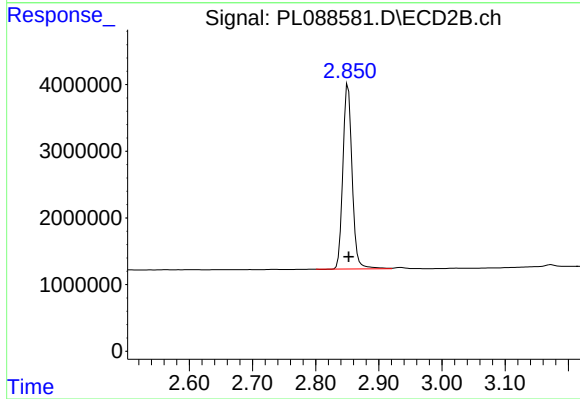




#1 Tetrachloro-m-xylene

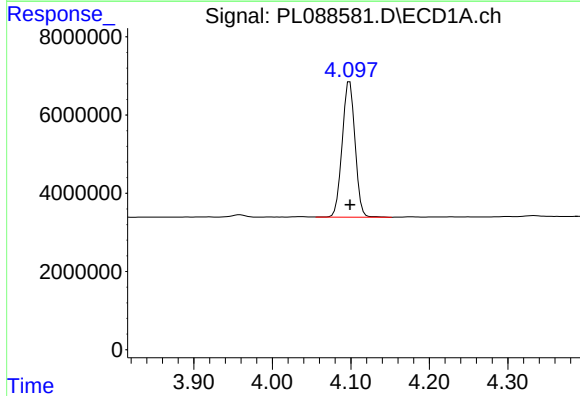
R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 56638923
Conc: 21.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



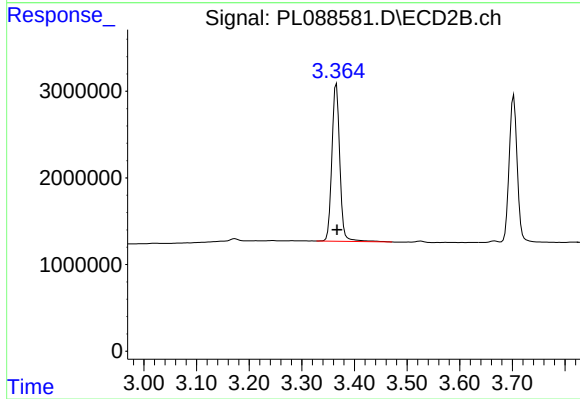
#1 Tetrachloro-m-xylene

R.T.: 2.851 min
Delta R.T.: 0.000 min
Response: 28078684
Conc: 21.07 ng/ml



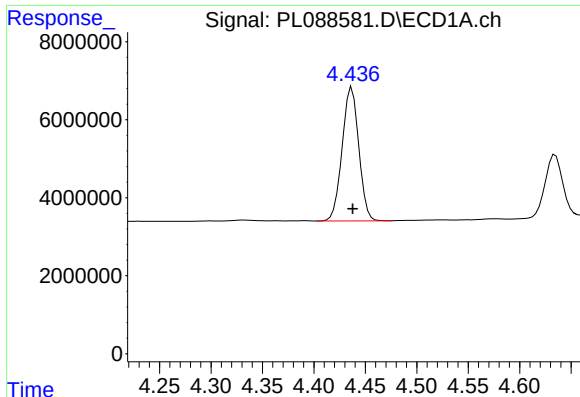
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 39468431
Conc: 9.89 ng/ml



#2 alpha-BHC

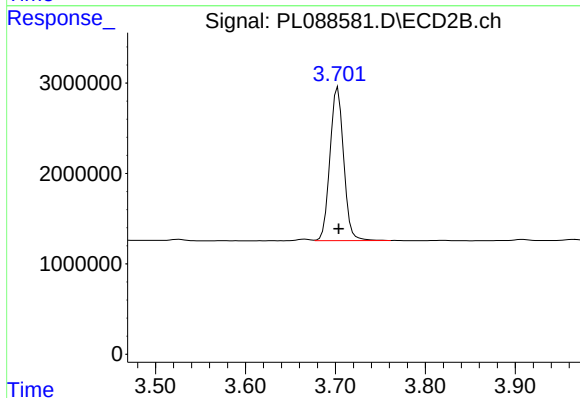
R.T.: 3.366 min
Delta R.T.: -0.001 min
Response: 18993918
Conc: 9.45 ng/ml



#3 gamma-BHC (Lindane)

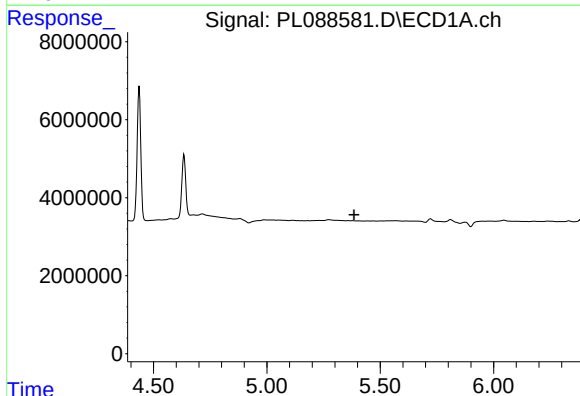
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 38535517
Conc: 9.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



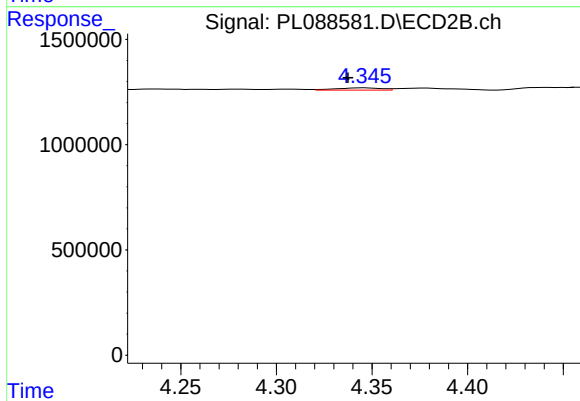
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 17985156
Conc: 9.37 ng/ml



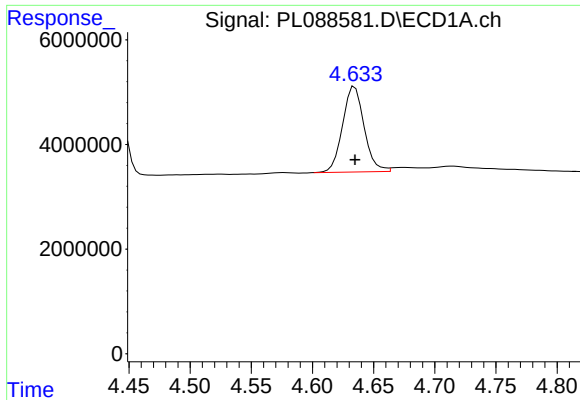
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.385 min
Response: 0
Conc: N.D.



#5 Aldrin

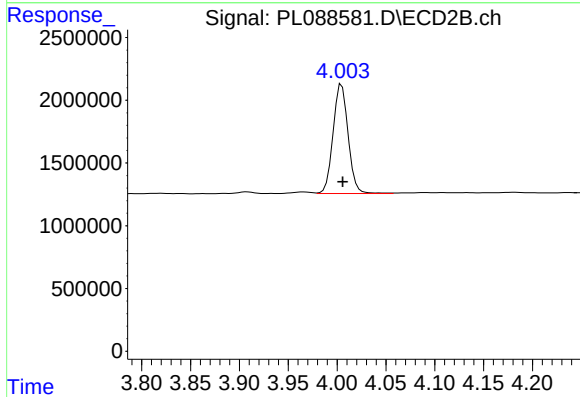
R.T.: 4.346 min
Delta R.T.: 0.008 min
Response: 185680
Conc: 0.10 ng/ml



#6 beta-BHC

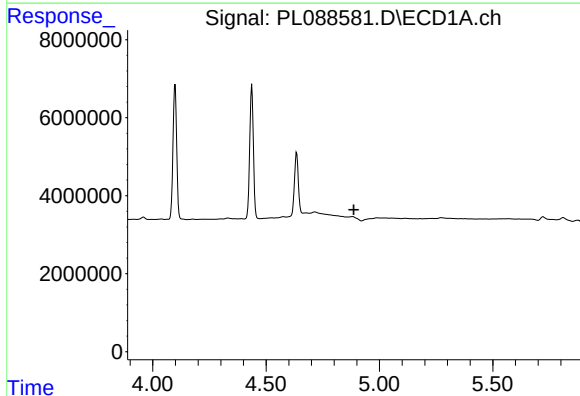
R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 20016793
Conc: 11.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



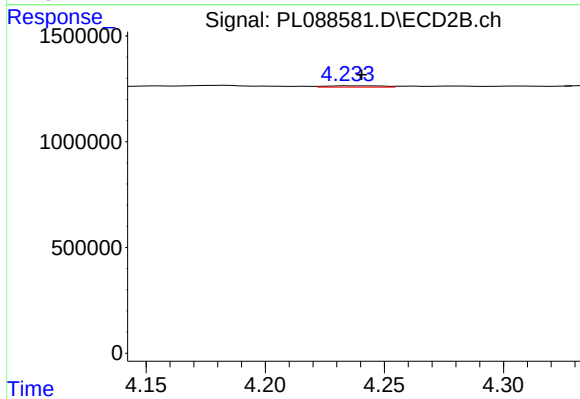
#6 beta-BHC

R.T.: 4.005 min
Delta R.T.: -0.001 min
Response: 9332868
Conc: 10.89 ng/ml



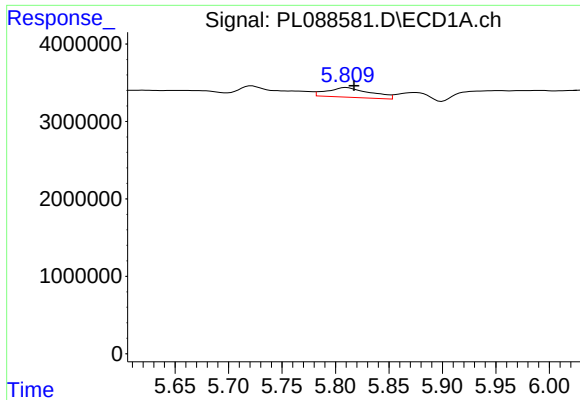
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.887 min
Response: 0
Conc: N.D.



#7 delta-BHC

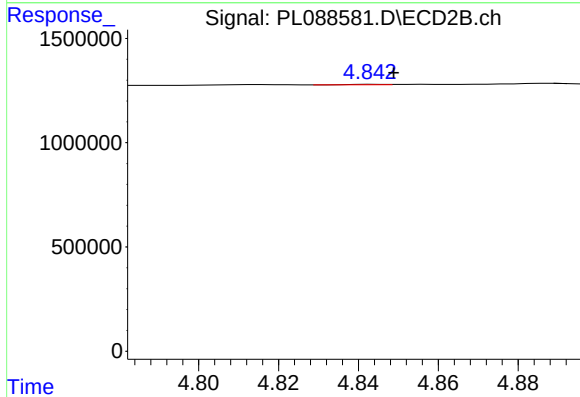
R.T.: 4.235 min
Delta R.T.: -0.005 min
Response: 99539
Conc: 0.05 ng/ml



#8 Heptachlor epoxide

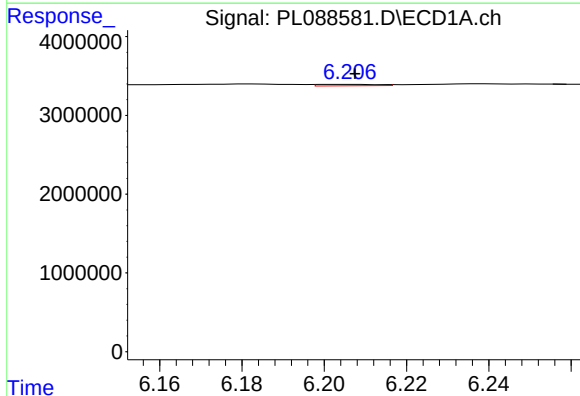
R.T.: 5.810 min
Delta R.T.: -0.007 min
Response: 3525284
Conc: 1.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



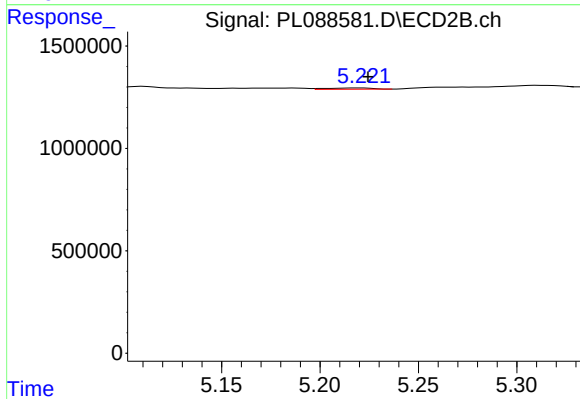
#8 Heptachlor epoxide

R.T.: 4.844 min
Delta R.T.: -0.005 min
Response: 10232
Conc: 0.01 ng/ml



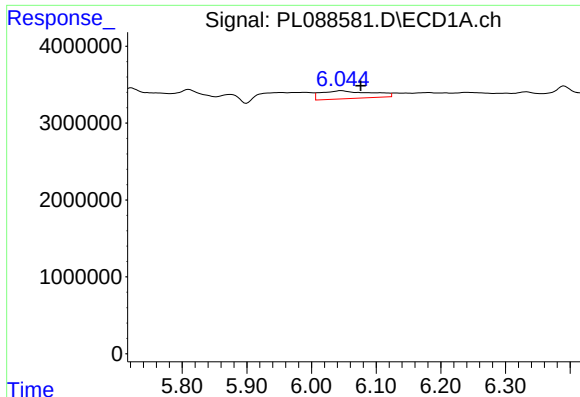
#9 Endosulfan I

R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 188293
Conc: 0.06 ng/ml



#9 Endosulfan I

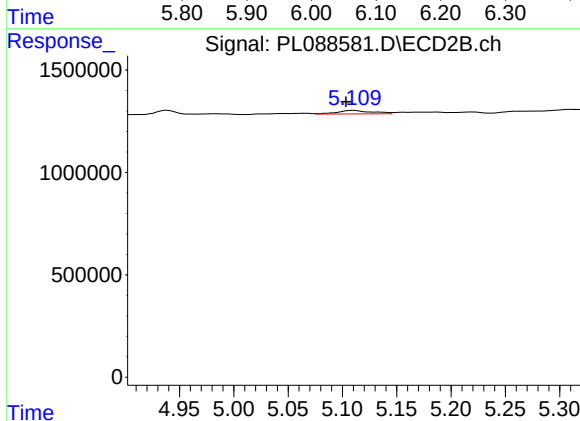
R.T.: 5.221 min
Delta R.T.: -0.003 min
Response: 101255
Conc: 0.07 ng/ml



#10 gamma-Chlordane

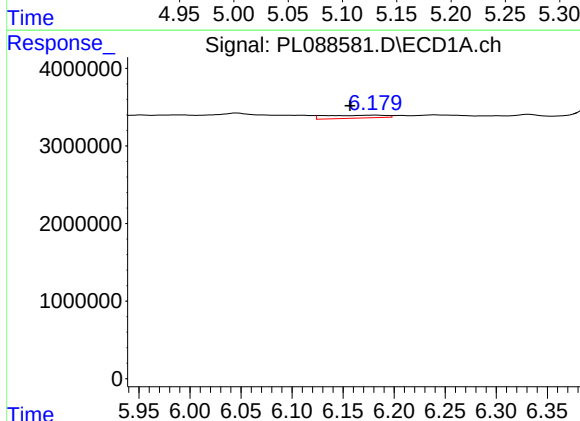
R.T.: 6.046 min
Delta R.T.: -0.030 min
Response: 5587978
Conc: 1.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



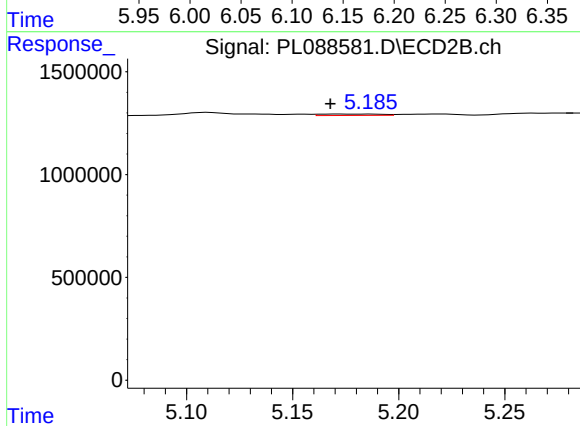
#10 gamma-Chlordane

R.T.: 5.110 min
Delta R.T.: 0.007 min
Response: 383274
Conc: 0.23 ng/ml



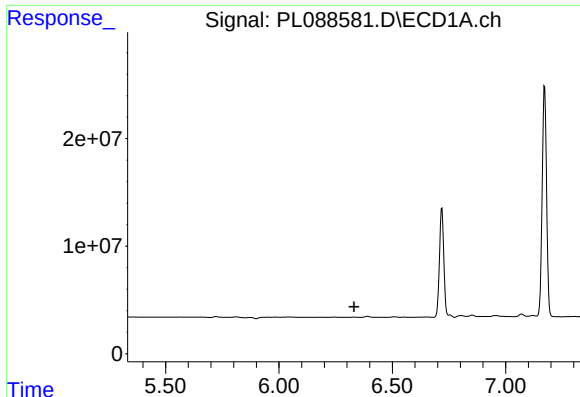
#11 alpha-Chlordane

R.T.: 6.182 min
Delta R.T.: 0.025 min
Response: 1527622
Conc: 0.46 ng/ml



#11 alpha-Chlordane

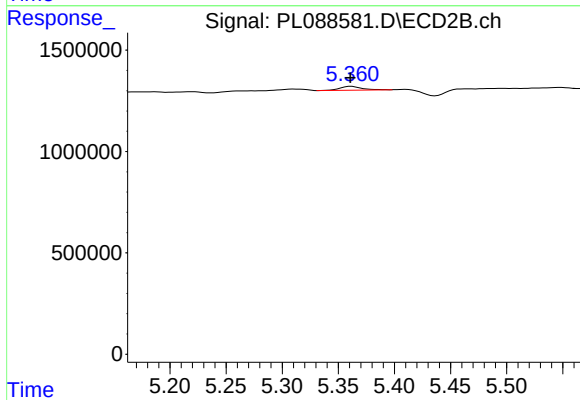
R.T.: 5.172 min
Delta R.T.: 0.004 min
Response: 139322
Conc: 0.08 ng/ml



#12 4,4'-DDE

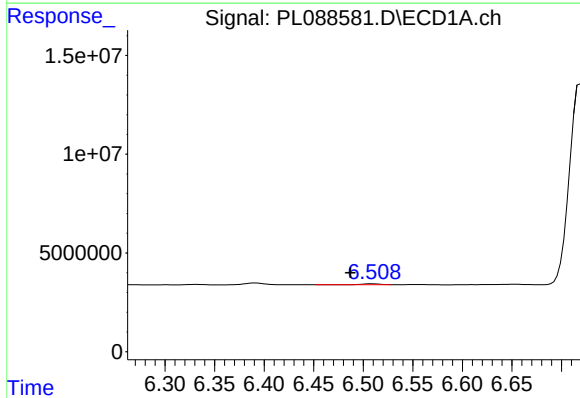
R.T.: 0.000 min
Exp R.T.: 6.332 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



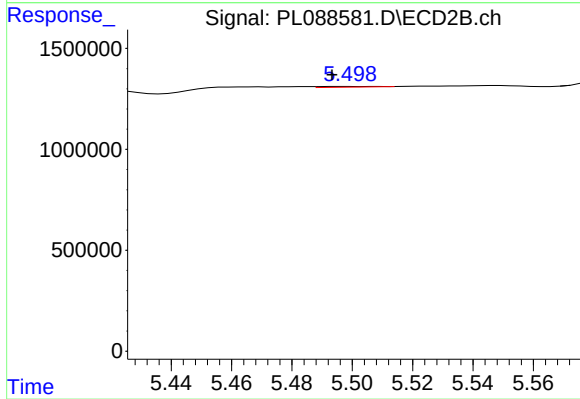
#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 250400
Conc: 0.17 ng/ml



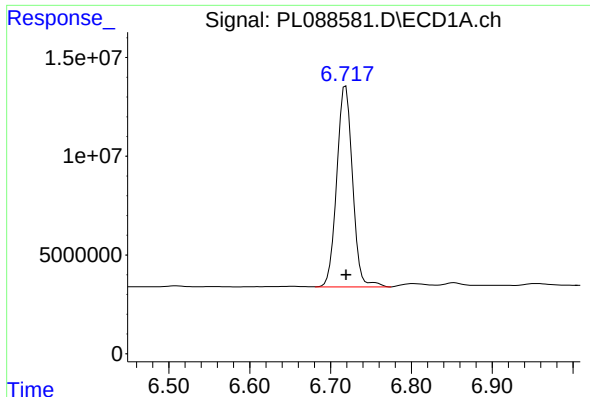
#13 Dieldrin

R.T.: 6.510 min
Delta R.T.: 0.023 min
Response: 528844
Conc: 0.16 ng/ml



#13 Dieldrin

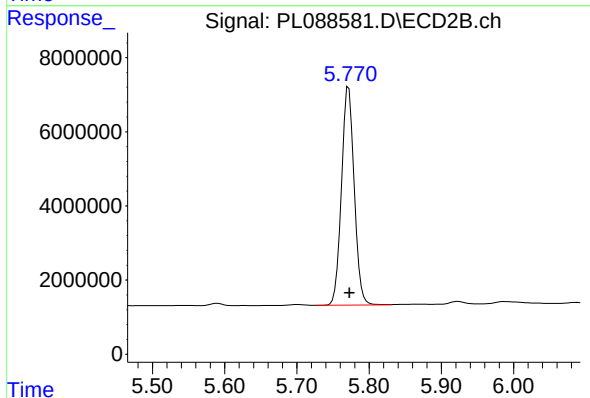
R.T.: 5.500 min
Delta R.T.: 0.006 min
Response: 41060
Conc: 0.03 ng/ml



#14 Endrin

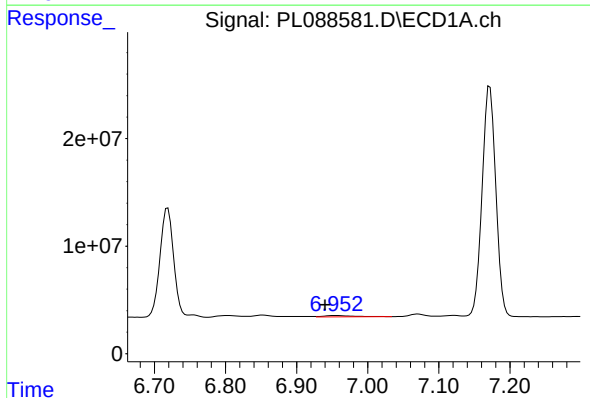
R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 137777069
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



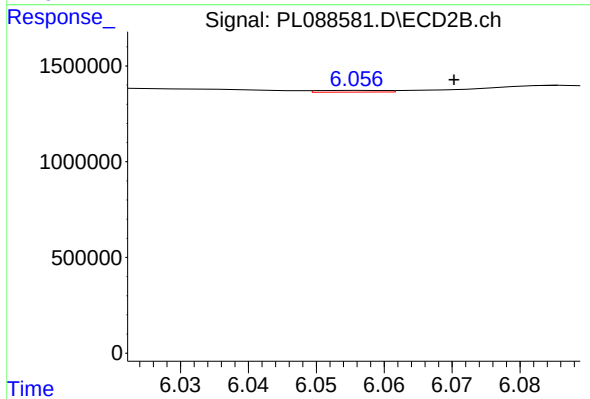
#14 Endrin

R.T.: 5.772 min
Delta R.T.: -0.001 min
Response: 71795518
Conc: 49.81 ng/ml



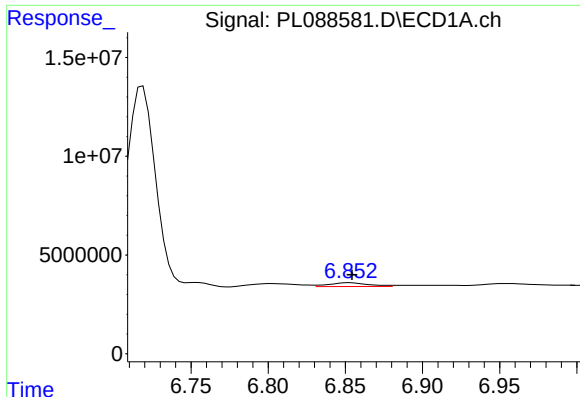
#15 Endosulfan II

R.T.: 6.954 min
Delta R.T.: 0.014 min
Response: 3365220
Conc: 1.17 ng/ml



#15 Endosulfan II

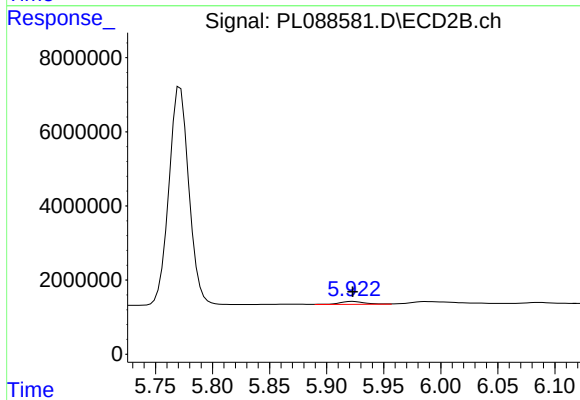
R.T.: 6.057 min
Delta R.T.: -0.013 min
Response: 62112
Conc: 0.04 ng/ml



#16 4,4'-DDD

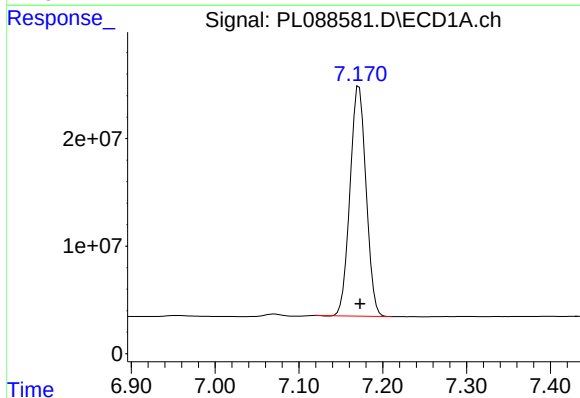
R.T.: 6.853 min
Delta R.T.: -0.001 min
Response: 3399111
Conc: 1.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



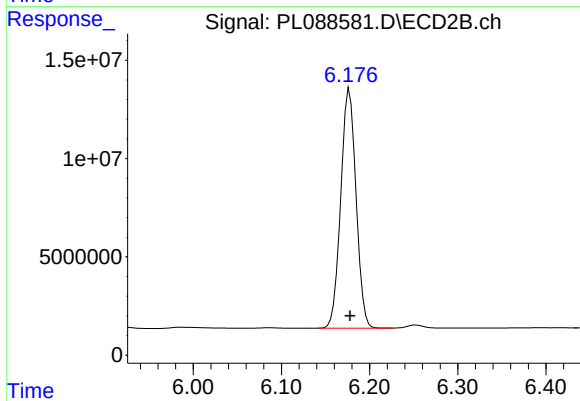
#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 1222856
Conc: 0.98 ng/ml



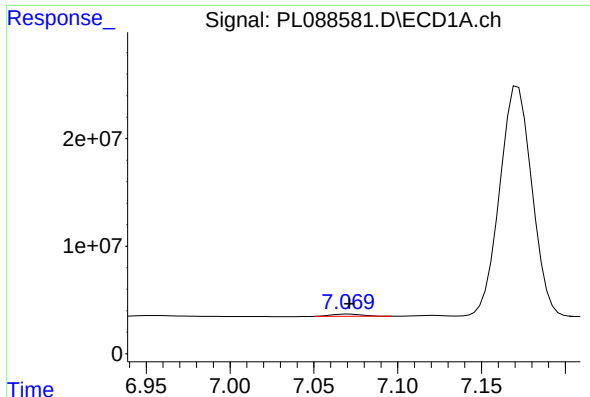
#17 4,4'-DDT

R.T.: 7.172 min
Delta R.T.: -0.001 min
Response: 285350436
Conc: 107.05 ng/ml



#17 4,4'-DDT

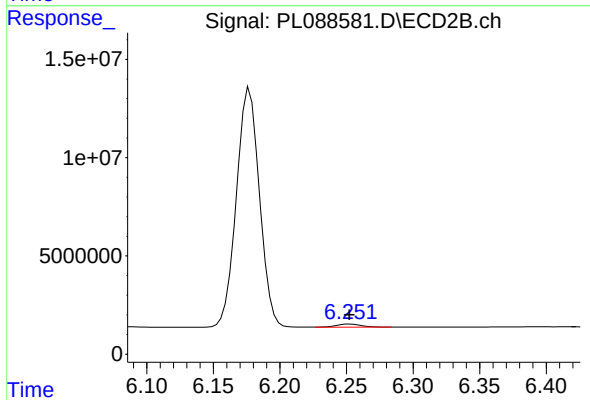
R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 146662054
Conc: 109.27 ng/ml



#18 Endrin aldehyde

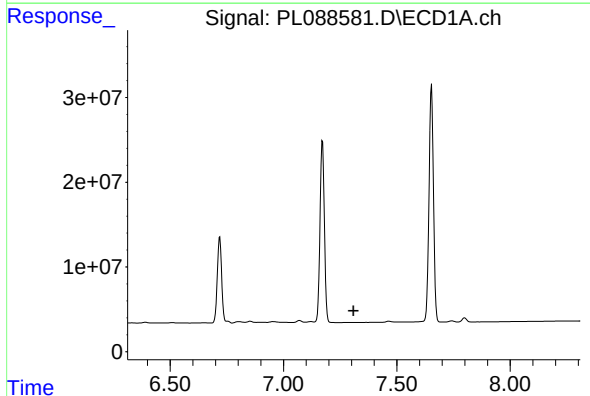
R.T.: 7.070 min
Delta R.T.: 0.000 min
Response: 2637172
Conc: 1.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



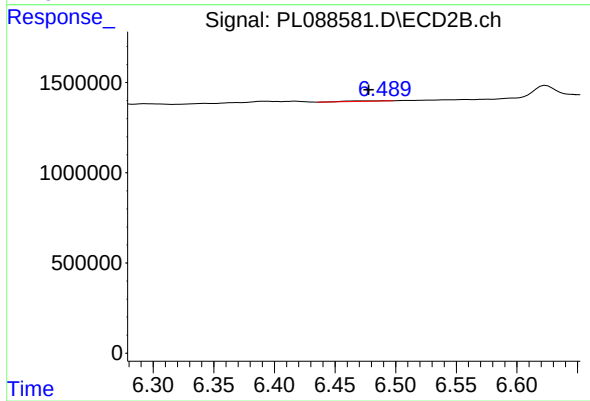
#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 2037435
Conc: 1.94 ng/ml



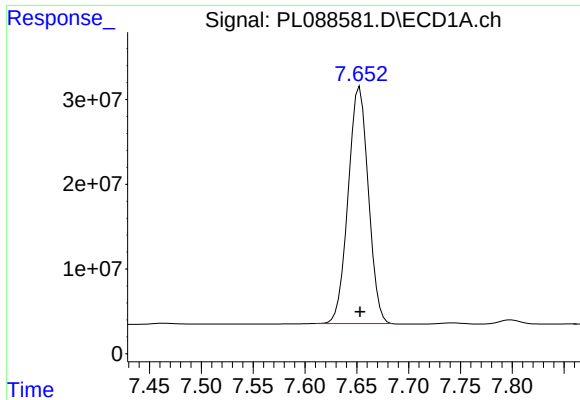
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.309 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

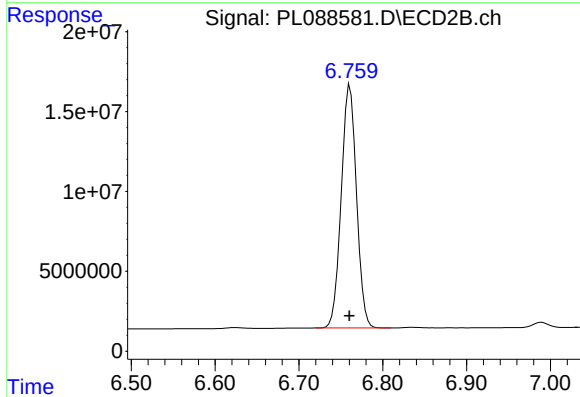
R.T.: 6.492 min
Delta R.T.: 0.014 min
Response: 44861
Conc: 0.03 ng/ml



#20 Methoxychlor

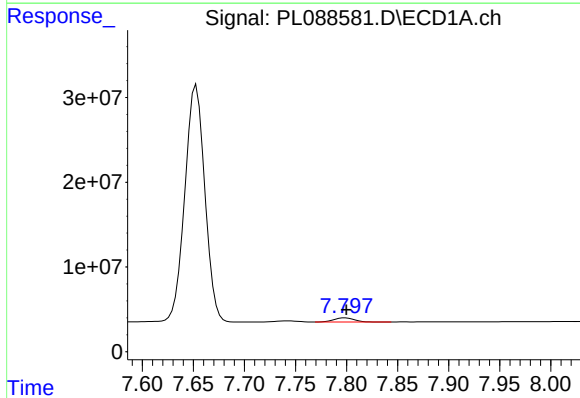
R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 378836822
Conc: 251.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



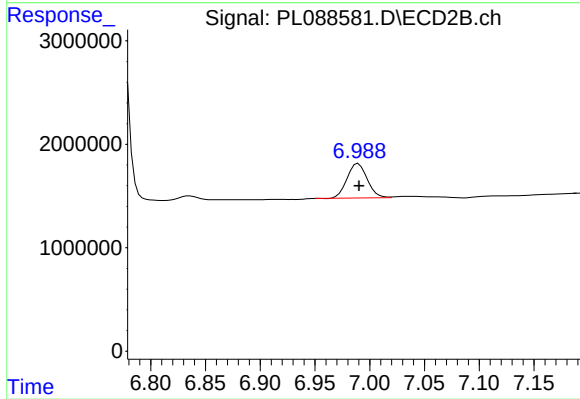
#20 Methoxychlor

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 192568418
Conc: 240.09 ng/ml



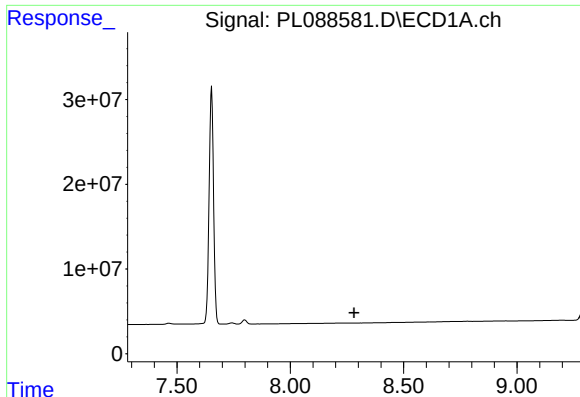
#21 Endrin ketone

R.T.: 7.799 min
Delta R.T.: -0.001 min
Response: 6698395
Conc: 2.27 ng/ml



#21 Endrin ketone

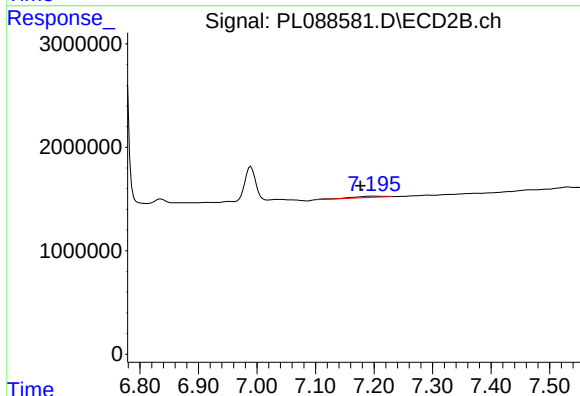
R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 4240141
Conc: 2.57 ng/ml



#22 Mirex

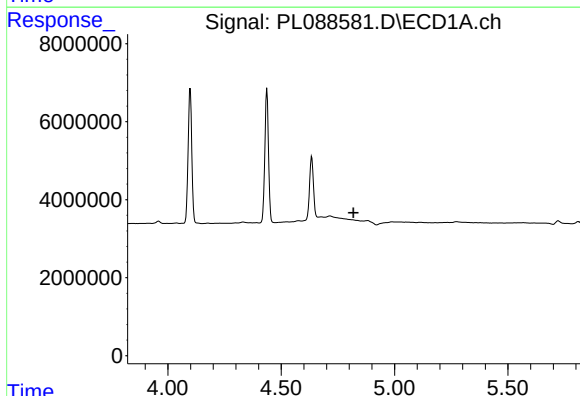
R.T.: 0.000 min
Exp R.T.: 8.282 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



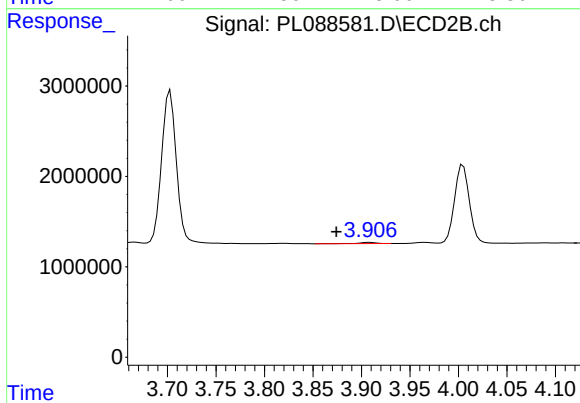
#22 Mirex

R.T.: 7.197 min
Delta R.T.: 0.020 min
Response: 491696
Conc: 0.36 ng/ml



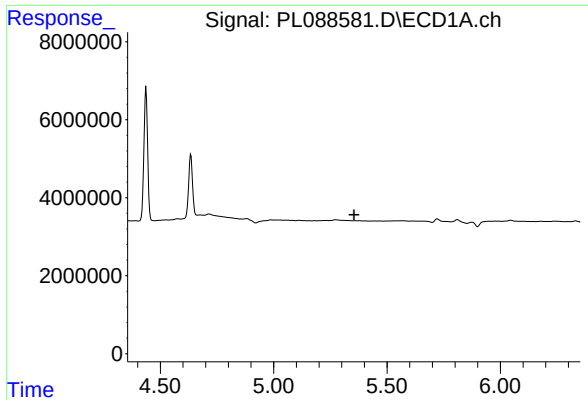
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.819 min
Response: 0
Conc: N.D.



#23 Chlordane-1

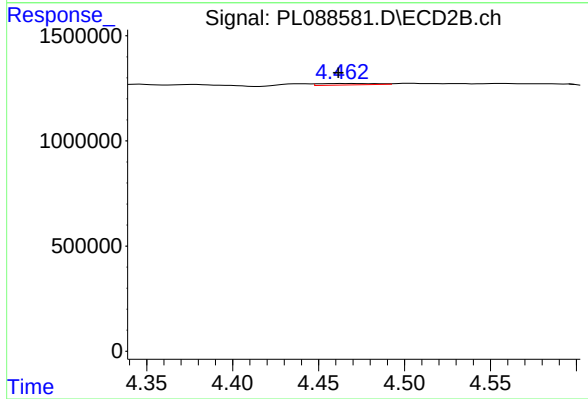
R.T.: 3.908 min
Delta R.T.: 0.034 min
Response: 172629
Conc: 3.56 ng/ml



#24 Chlordane-2

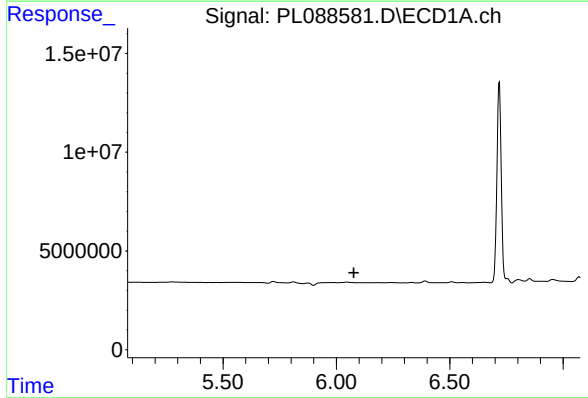
R.T.: 0.000 min
Exp R.T.: 5.355 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



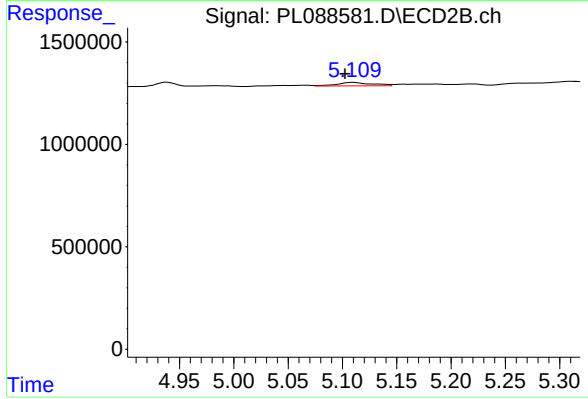
#24 Chlordane-2

R.T.: 4.463 min
Delta R.T.: 0.002 min
Response: 154611
Conc: 2.55 ng/ml



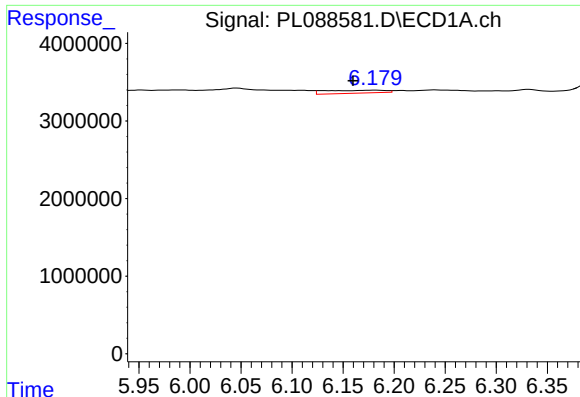
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T.: 6.076 min
Response: 0
Conc: N.D.



#25 Chlordane-3

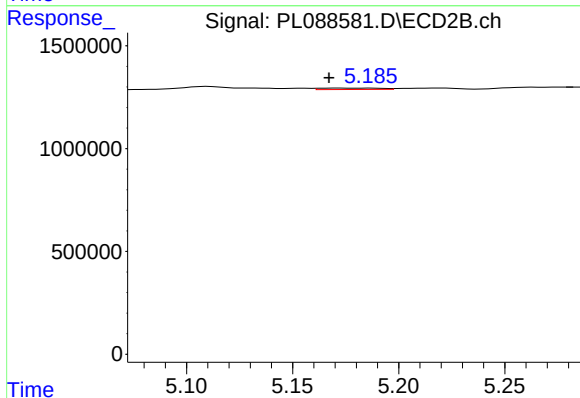
R.T.: 5.110 min
Delta R.T.: 0.008 min
Response: 383274
Conc: 2.25 ng/ml



#26 Chlordane-4

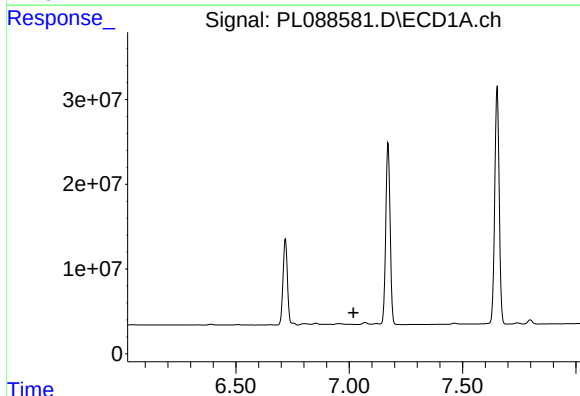
R.T.: 6.182 min
Delta R.T.: 0.022 min
Response: 1527622
Conc: 2.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



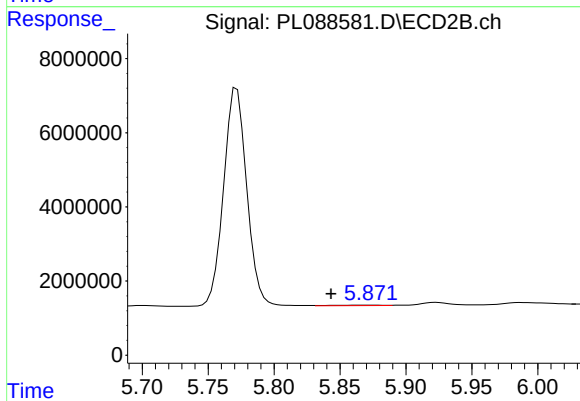
#26 Chlordane-4

R.T.: 5.172 min
Delta R.T.: 0.005 min
Response: 139322
Conc: 0.87 ng/ml



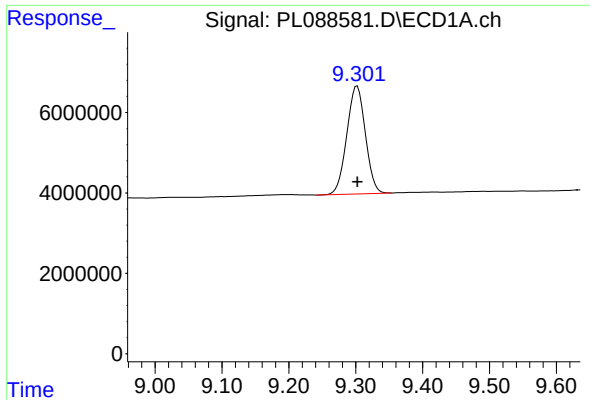
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.019 min
Response: 0
Conc: N.D.



#27 Chlordane-5

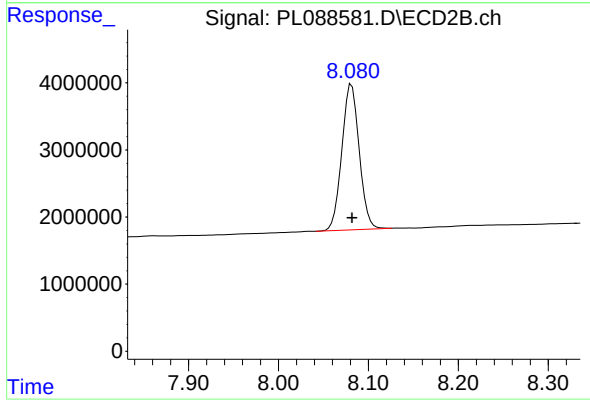
R.T.: 5.873 min
Delta R.T.: 0.029 min
Response: 309183
Conc: 6.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.302 min
Delta R.T.: 0.000 min
Response: 51853421
Conc: 20.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.081 min
Delta R.T.: 0.000 min
Response: 29183011
Conc: 21.52 ng/ml