Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122223\
Data File : PL087386.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Dec 2023 20:22
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: Dec 23 05:07:50 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 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...	3.423	2.679	68111030	27456417	18.098	16.311	
28)	SA Decachlor...	8.979	7.867	68051056	30346700	19.957	17.968	
	Target Compounds							
2)	A alpha-BHC	3.879	3.182	46641338	18282259	8.615	7.439	
3)	MA gamma-BHC...	4.212	3.513	44972492	18023985	8.557	7.441	
5)	MB Aldrin	0.000	4.150	0	209682	N.D.	0.087	#
6)	B beta-BHC	4.411	3.814	21993188	9266339	9.576	8.901	
7)	B delta-BHC	0.000	4.062	0	96757	N.D.	0.040	#
8)	B Heptachlo...	5.577	4.632f	2328356	47497	0.494	0.021	#
9)	A Endosulfan I	5.961	5.027	6438291	2274162	1.442	1.052	#
10)	B gamma-Chl...	5.815f	4.910	22146672	1702333	4.568	0.744	#
11)	B alpha-Chl...	5.902f	4.991f	5428136	4753071	1.129	2.059	#
12)	B 4,4'-DDE	6.095	5.157	1638892	179453	0.395	0.090	#
13)	MA Dieldrin	6.279f	0.000	1031235	0	0.222	N.D.	#
14)	MA Endrin	6.471	5.556	146.2E6	75173167	38.000	37.669	
15)	B Endosulfa...	6.728f	5.884f	414229	813732	0.103	0.418	#
16)	A 4,4'-DDD	6.616	5.717	18485759	6631363	5.593	4.005	#
17)	MA 4,4'-DDT	6.934	5.969	295.4E6	139.3E6	78.551	75.531	
18)	B Endrin al...	6.825	6.036	8003635	3804976	2.761	2.593	
19)	B Endosulfa...	0.000	6.261	0	151407	N.D.	0.080	#
20)	A Methoxychlor	7.419	6.556	381.2E6	182.8E6	195.500	178.937	
21)	B Endrin ke...	7.547	6.766	13889466	7518695	3.414	3.532	
22)	Mirex	0.000	6.982f	0	64035	N.D.	0.036	#
23)	Chlordane-1	0.000	3.690	0	252088	N.D.	4.064	#
24)	Chlordane-2	0.000	4.292f	0	2756905	N.D.	35.910	#
25)	Chlordane-3	5.815f	4.910	22146672	1702333	31.772	7.701	#
26)	Chlordane-4	5.902f	4.991f	5428136	4753071	6.348	20.415	#
27)	Chlordane-5	0.000	5.636	0	151946	N.D.	2.349	#

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

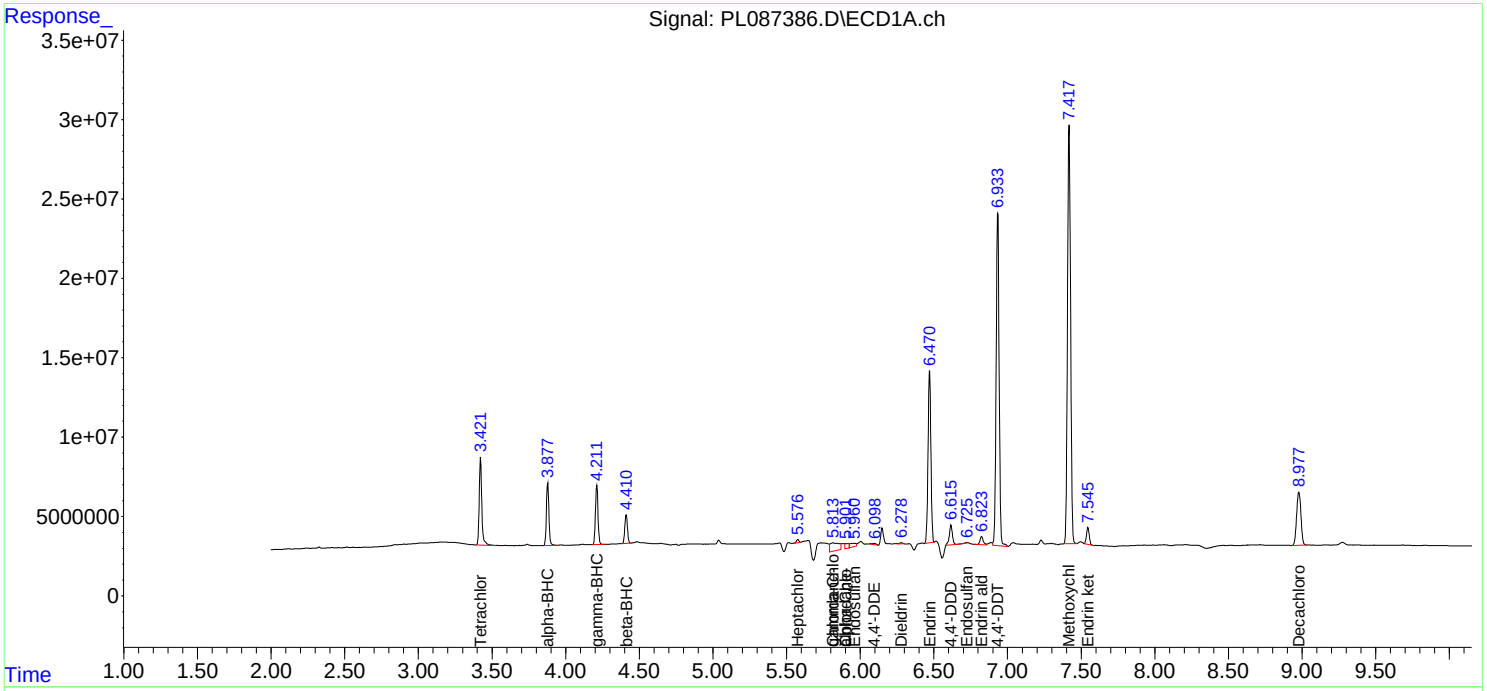
Quantitation Report (Not Reviewed)

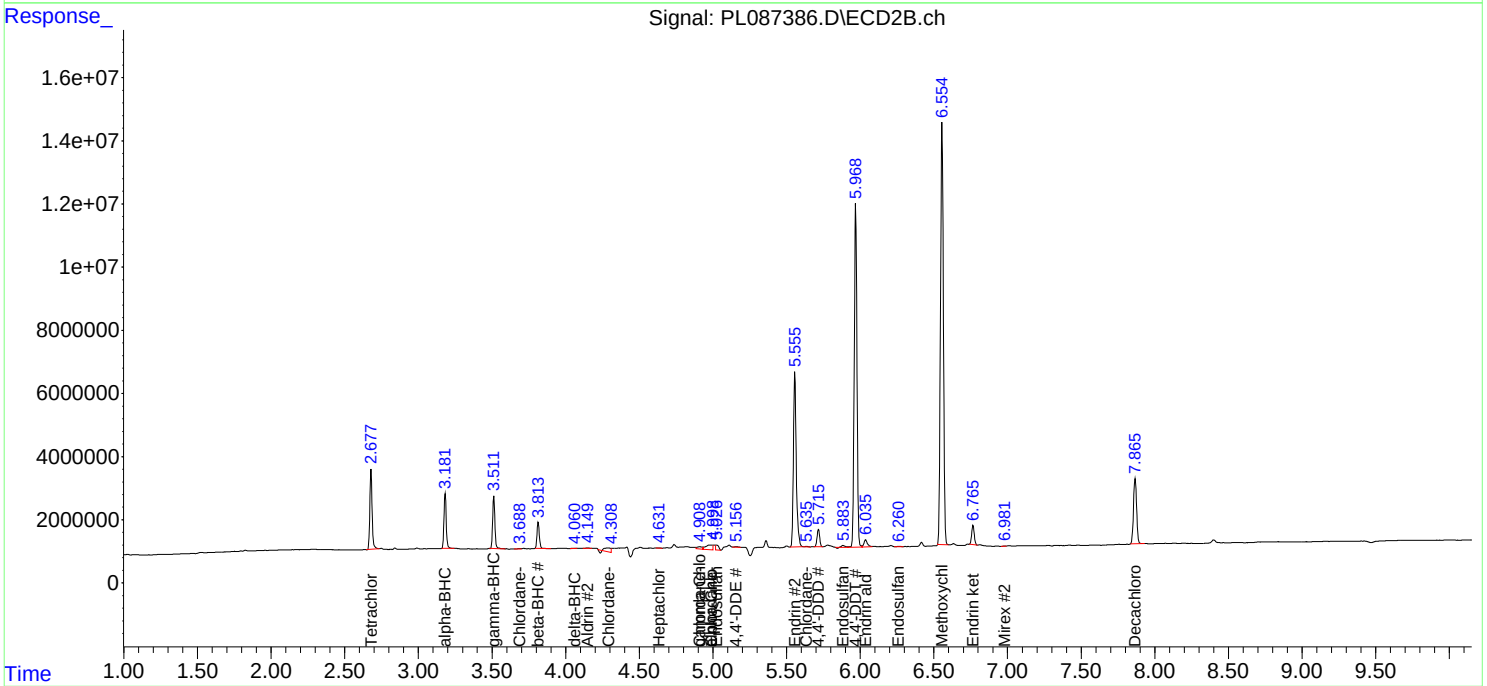
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122223\
Data File : PL087386.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Dec 2023 20:22
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

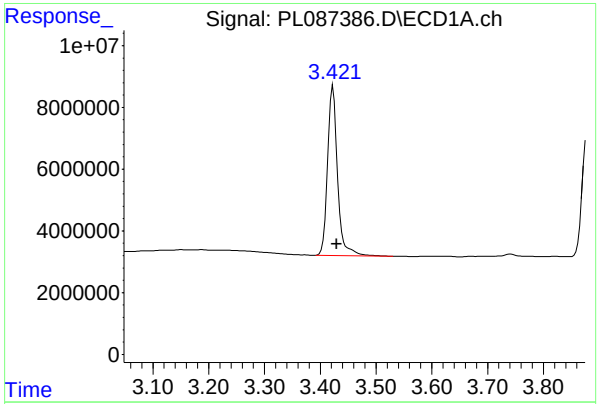
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 23 05:07:50 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 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



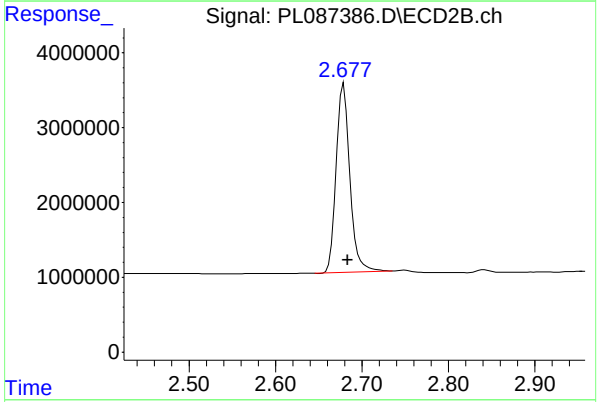




#1 Tetrachloro-m-xylene

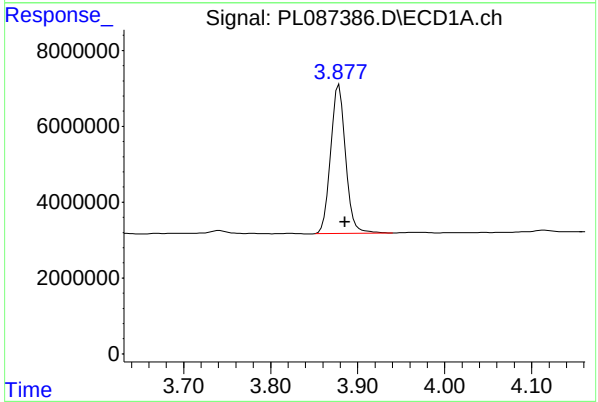
R.T.: 3.423 min
Delta R.T.: -0.006 mi
Response: 68111030
Conc: 18.10 ng/m

Instrument :
ECD_L
ClientSampleId :
PEM



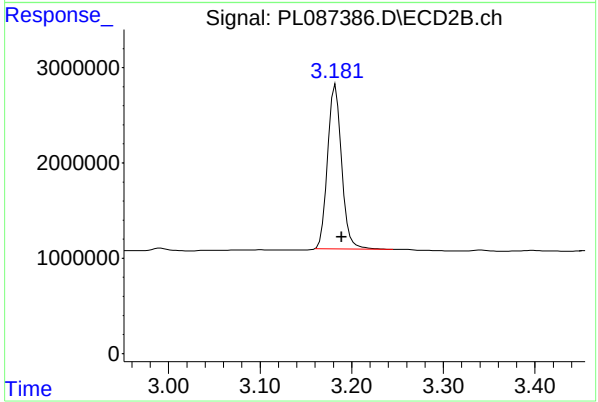
#1 Tetrachloro-m-xylene

R.T.: 2.679 min
Delta R.T.: -0.005 min
Response: 27456417
Conc: 16.31 ng/ml



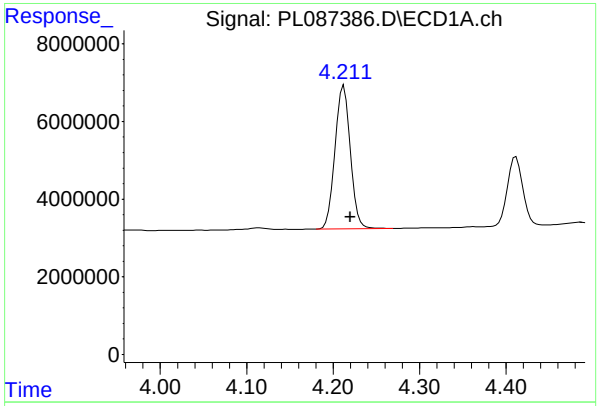
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: -0.007 min
Response: 46641338
Conc: 8.61 ng/ml



#2 alpha-BHC

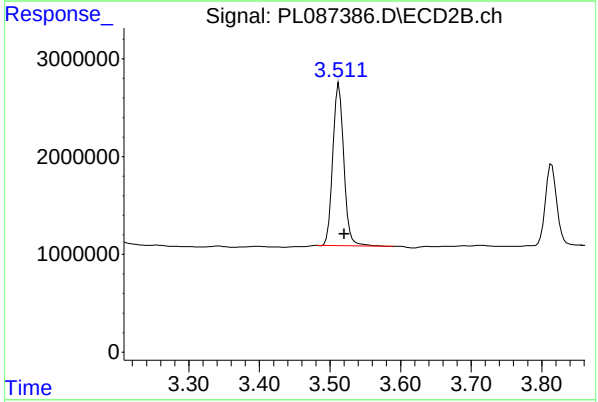
R.T.: 3.182 min
Delta R.T.: -0.007 min
Response: 18282259
Conc: 7.44 ng/ml



#3 gamma-BHC (Lindane)

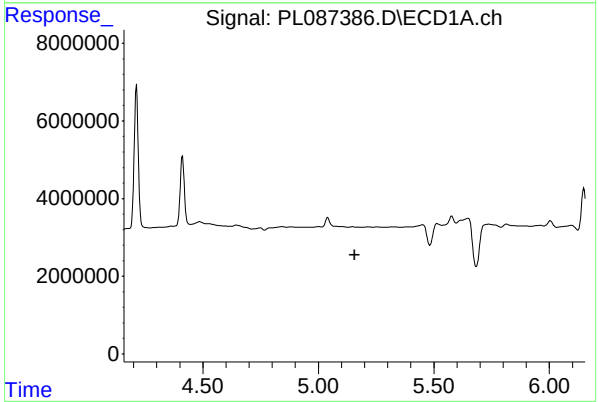
R.T.: 4.212 min
Delta R.T.: -0.007 min
Response: 44972492
Conc: 8.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



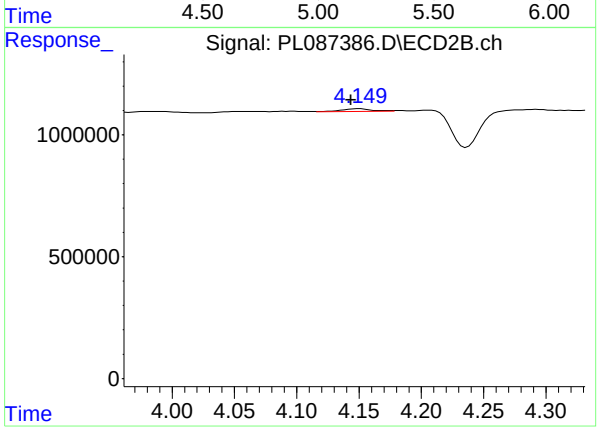
#3 gamma-BHC (Lindane)

R.T.: 3.513 min
Delta R.T.: -0.007 min
Response: 18023985
Conc: 7.44 ng/ml



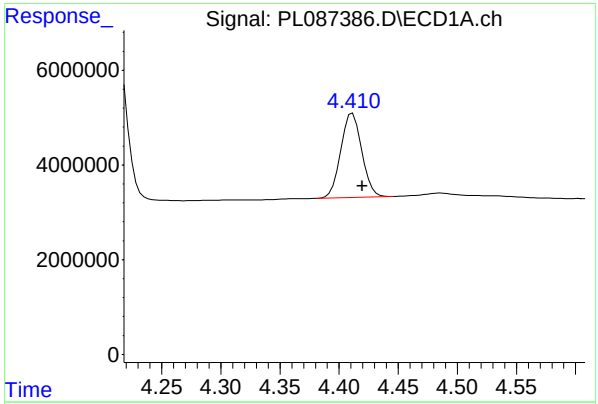
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.156 min
Response: 0
Conc: N.D.



#5 Aldrin

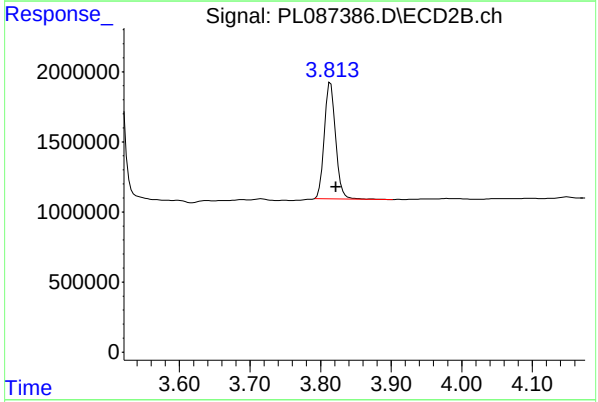
R.T.: 4.150 min
Delta R.T.: 0.007 min
Response: 209682
Conc: 0.09 ng/ml



#6 beta-BHC

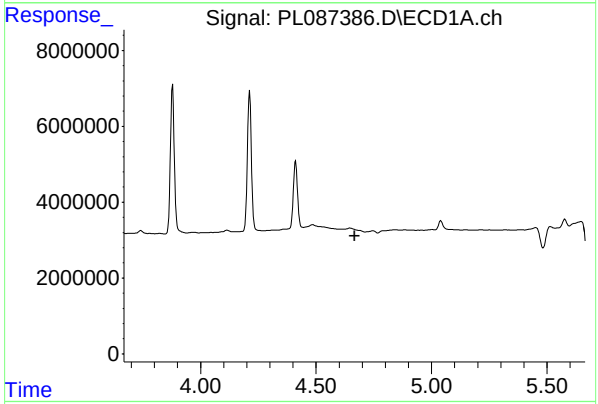
R.T.: 4.411 min
Delta R.T.: -0.008 min
Response: 21993188
Conc: 9.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



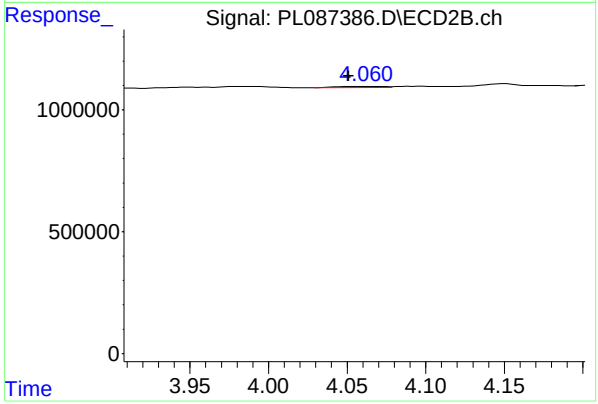
#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.007 min
Response: 9266339
Conc: 8.90 ng/ml



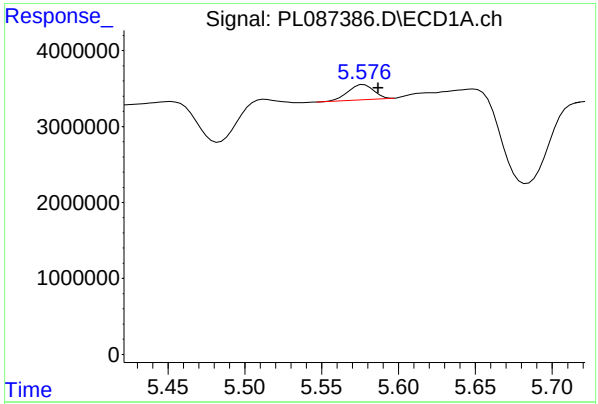
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.666 min
Response: 0
Conc: N.D.



#7 delta-BHC

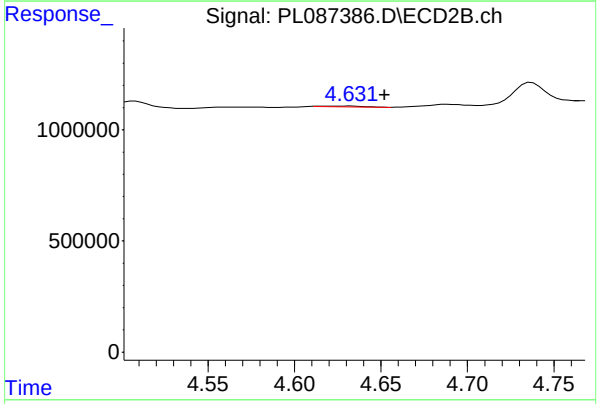
R.T.: 4.062 min
Delta R.T.: 0.011 min
Response: 96757
Conc: 0.04 ng/ml



#8 Heptachlor epoxide

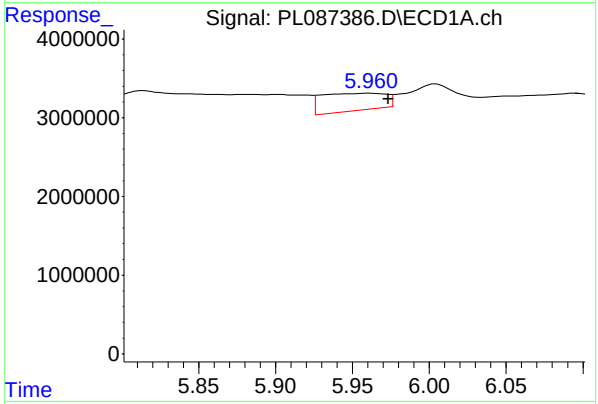
R.T.: 5.577 min
Delta R.T.: -0.010 min
Response: 2328356
Conc: 0.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



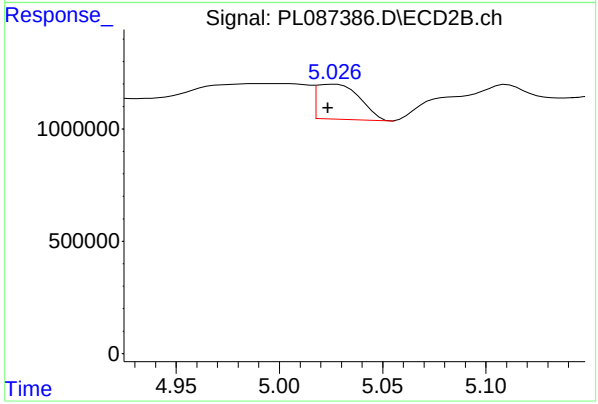
#8 Heptachlor epoxide

R.T.: 4.632 min
Delta R.T.: -0.020 min
Response: 47497
Conc: 0.02 ng/ml



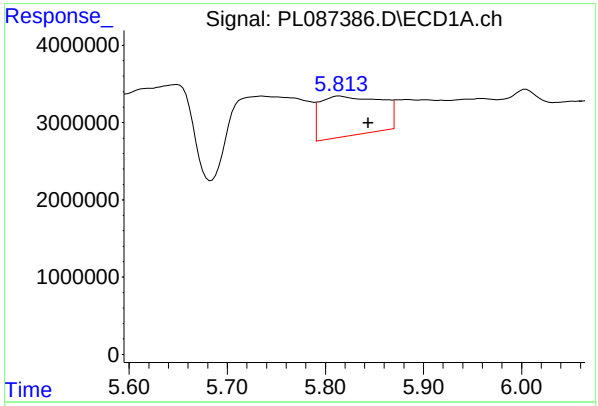
#9 Endosulfan I

R.T.: 5.961 min
Delta R.T.: -0.012 min
Response: 6438291
Conc: 1.44 ng/ml



#9 Endosulfan I

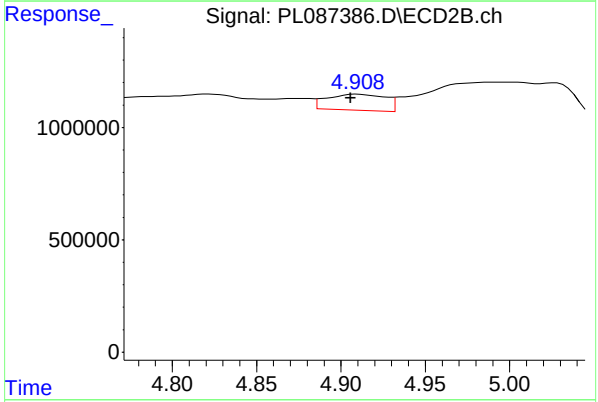
R.T.: 5.027 min
Delta R.T.: 0.003 min
Response: 2274162
Conc: 1.05 ng/ml



#10 gamma-Chlordane

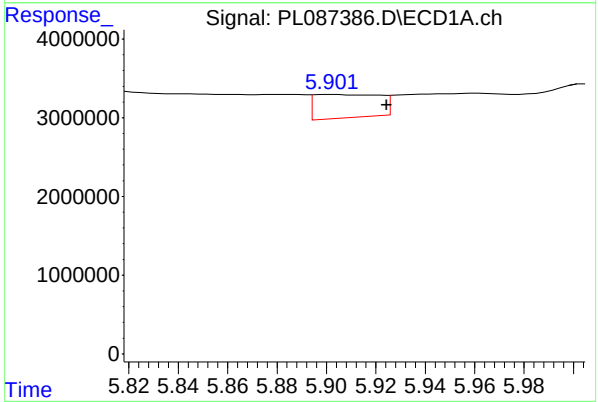
R.T.: 5.815 min
Delta R.T.: -0.029 min
Response: 22146672
Conc: 4.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



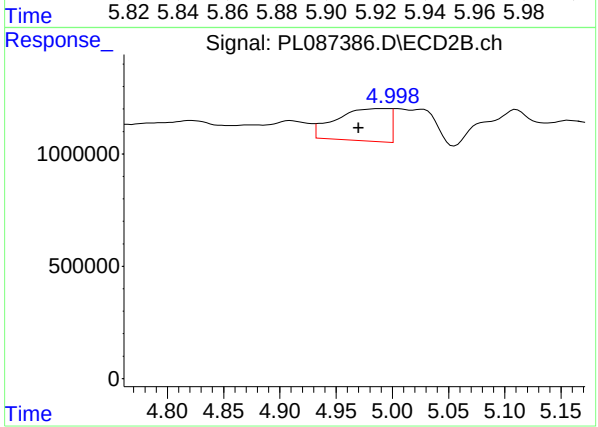
#10 gamma-Chlordane

R.T.: 4.910 min
Delta R.T.: 0.004 min
Response: 1702333
Conc: 0.74 ng/ml



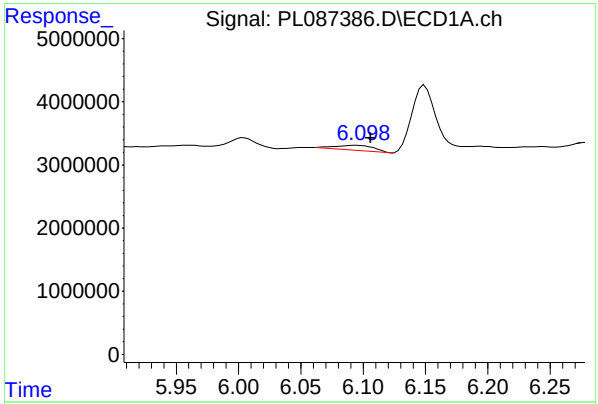
#11 alpha-Chlordane

R.T.: 5.902 min
Delta R.T.: -0.022 min
Response: 5428136
Conc: 1.13 ng/ml



#11 alpha-Chlordane

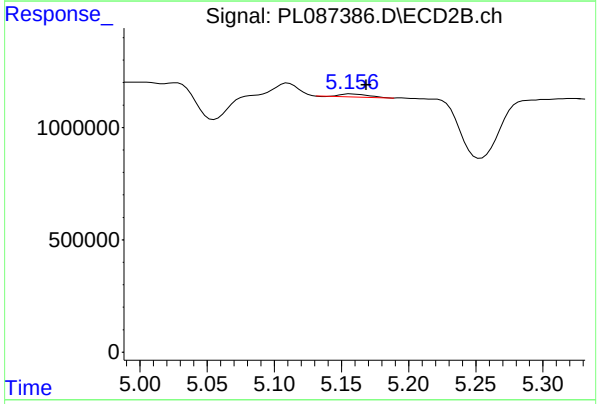
R.T.: 4.991 min
Delta R.T.: 0.021 min
Response: 4753071
Conc: 2.06 ng/ml



#12 4,4'-DDE

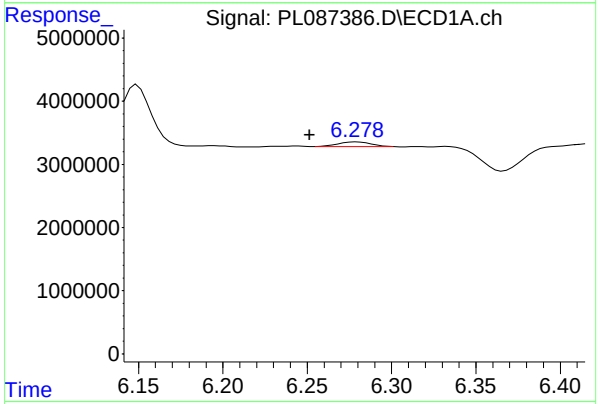
R.T.: 6.095 min
Delta R.T.: -0.011 min
Response: 1638892
Conc: 0.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



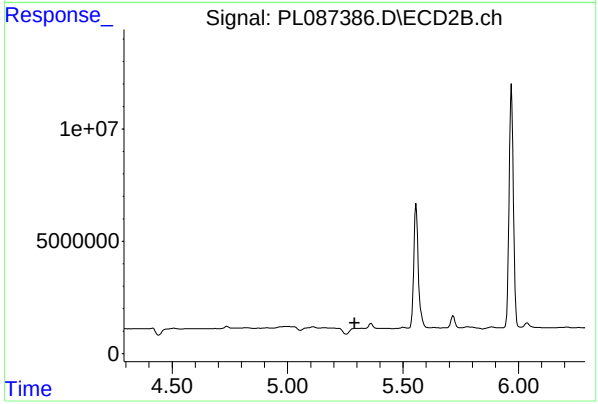
#12 4,4'-DDE

R.T.: 5.157 min
Delta R.T.: -0.011 min
Response: 179453
Conc: 0.09 ng/ml



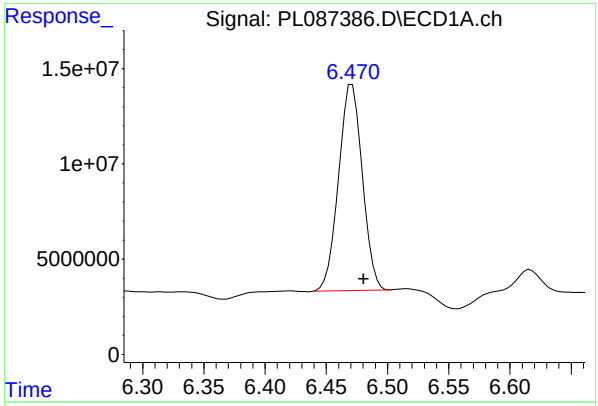
#13 Dieldrin

R.T.: 6.279 min
Delta R.T.: 0.028 min
Response: 1031235
Conc: 0.22 ng/ml



#13 Dieldrin

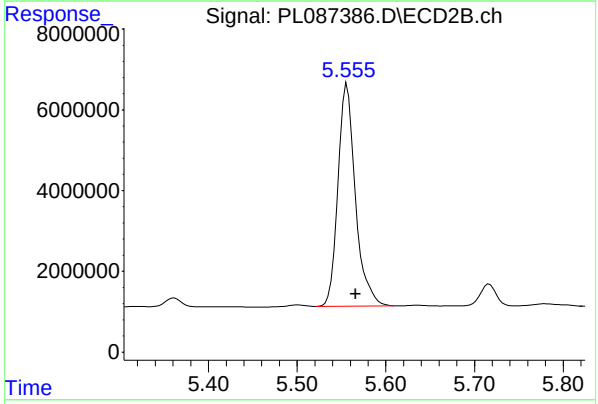
R.T.: 0.000 min
Exp R.T. : 5.291 min
Response: 0
Conc: N.D.



#14 Endrin

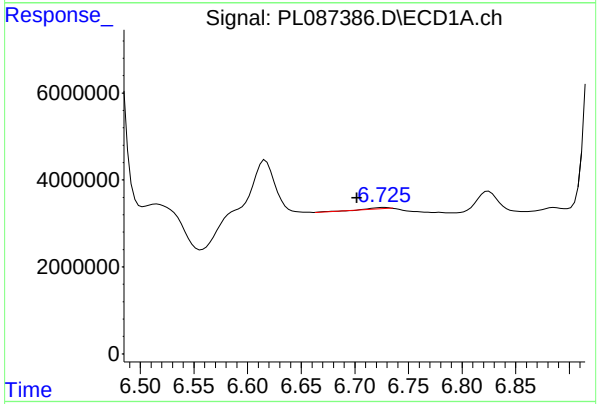
R.T.: 6.471 min
Delta R.T.: -0.009 mi
Response: 146198505
Conc: 38.00 ng/m

Instrument :
ECD_L
ClientSampleId :
PEM



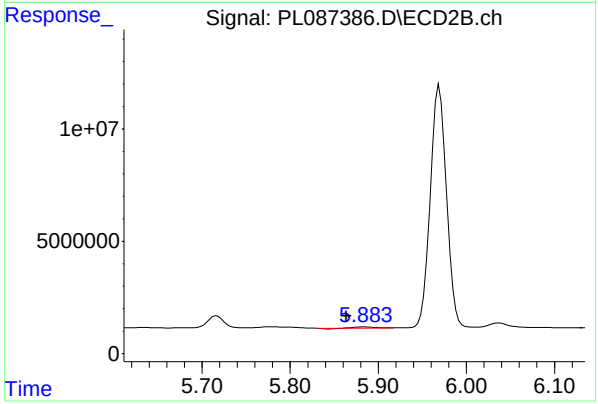
#14 Endrin

R.T.: 5.556 min
Delta R.T.: -0.010 min
Response: 75173167
Conc: 37.67 ng/ml



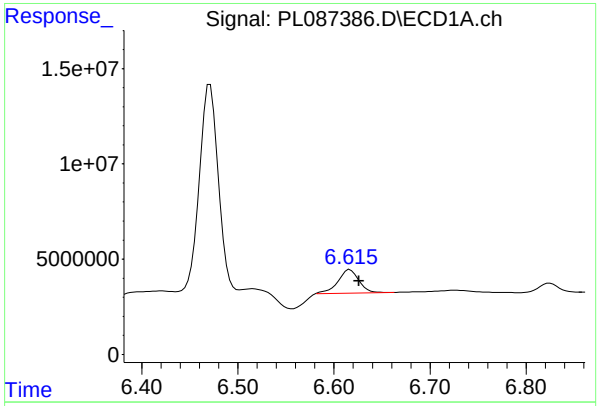
#15 Endosulfan II

R.T.: 6.728 min
Delta R.T.: 0.026 min
Response: 414229
Conc: 0.10 ng/ml



#15 Endosulfan II

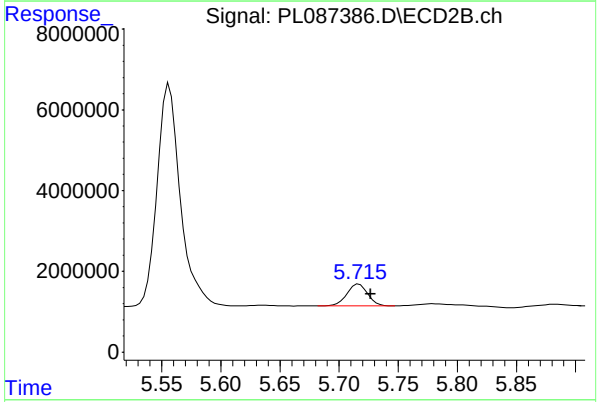
R.T.: 5.884 min
Delta R.T.: 0.020 min
Response: 813732
Conc: 0.42 ng/ml



#16 4,4'-DDD

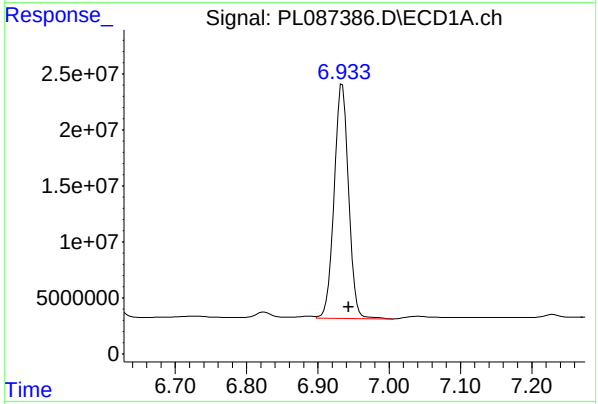
R.T.: 6.616 min
Delta R.T.: -0.009 min
Response: 18485759
Conc: 5.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



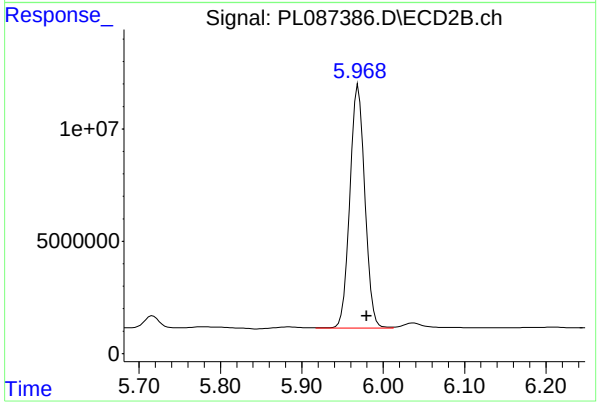
#16 4,4'-DDD

R.T.: 5.717 min
Delta R.T.: -0.010 min
Response: 6631363
Conc: 4.01 ng/ml



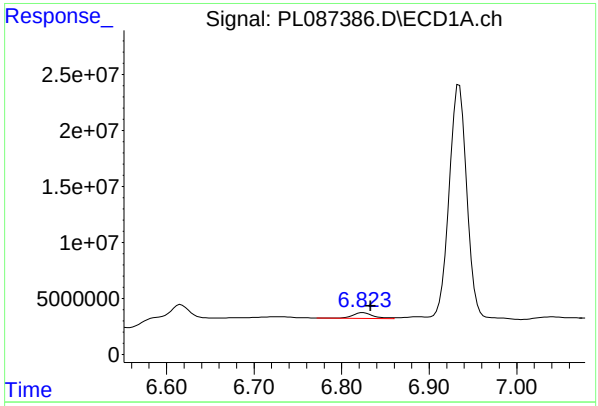
#17 4,4'-DDT

R.T.: 6.934 min
Delta R.T.: -0.009 min
Response: 295368372
Conc: 78.55 ng/ml



#17 4,4'-DDT

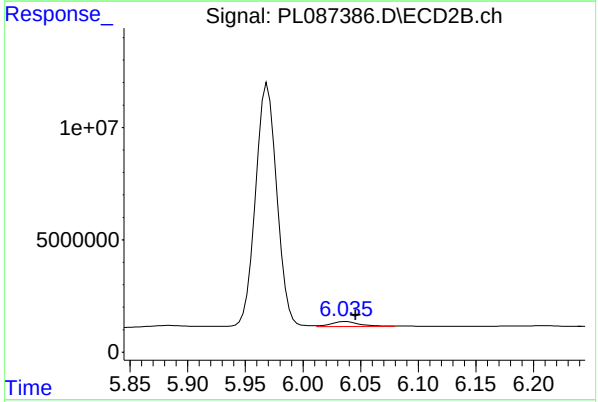
R.T.: 5.969 min
Delta R.T.: -0.010 min
Response: 139303925
Conc: 75.53 ng/ml



#18 Endrin aldehyde

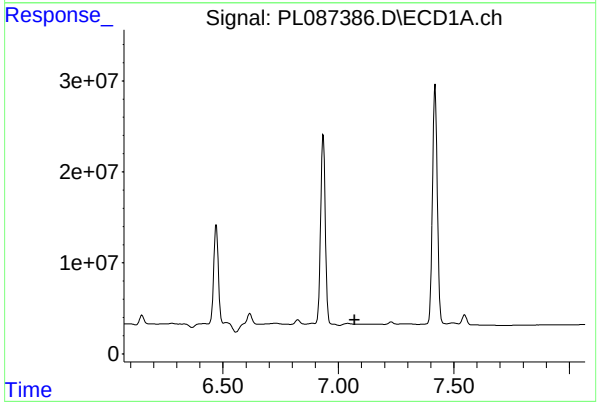
R.T.: 6.825 min
Delta R.T.: -0.009 min
Response: 8003635
Conc: 2.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



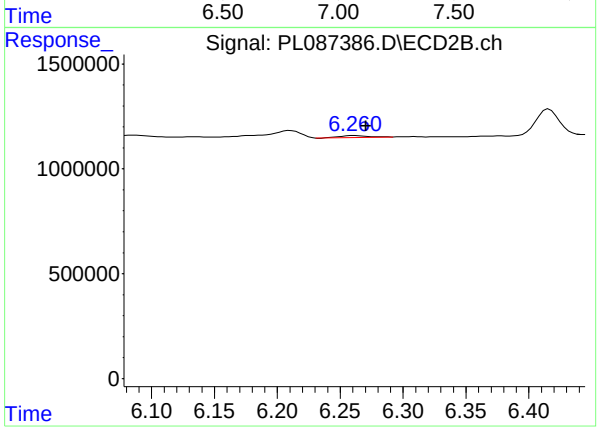
#18 Endrin aldehyde

R.T.: 6.036 min
Delta R.T.: -0.009 min
Response: 3804976
Conc: 2.59 ng/ml



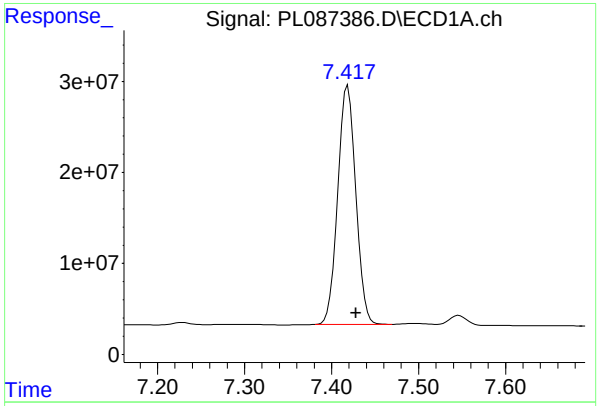
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.070 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

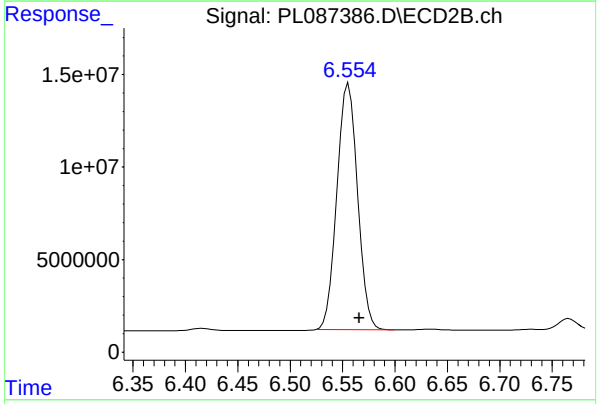
R.T.: 6.261 min
Delta R.T.: -0.009 min
Response: 151407
Conc: 0.08 ng/ml



#20 Methoxychlor

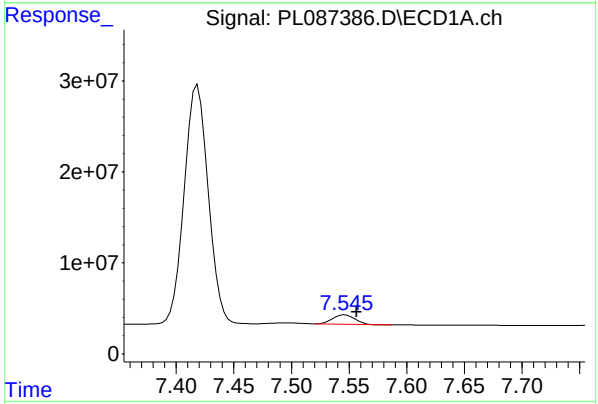
R.T.: 7.419 min
Delta R.T.: -0.009 min
Response: 381209659
Conc: 195.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



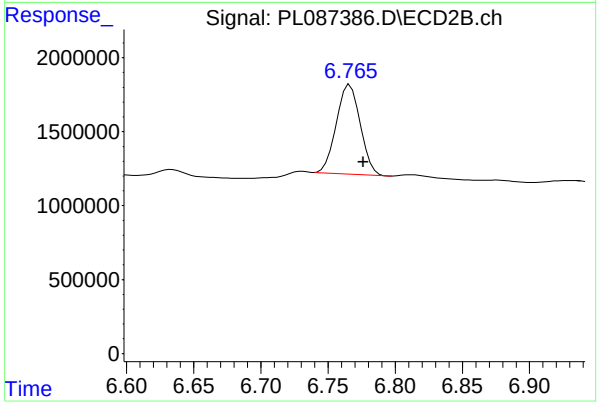
#20 Methoxychlor

R.T.: 6.556 min
Delta R.T.: -0.010 min
Response: 182765558
Conc: 178.94 ng/ml



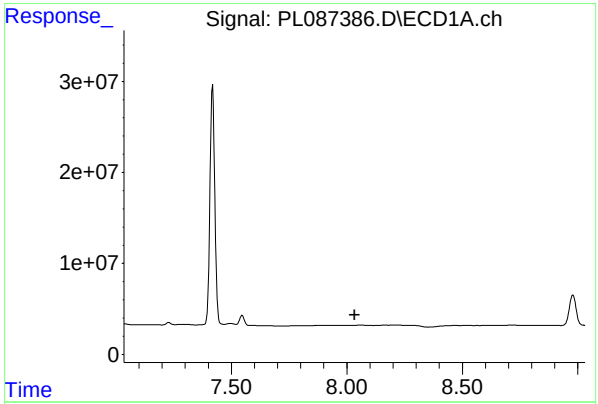
#21 Endrin ketone

R.T.: 7.547 min
Delta R.T.: -0.010 min
Response: 13889466
Conc: 3.41 ng/ml



#21 Endrin ketone

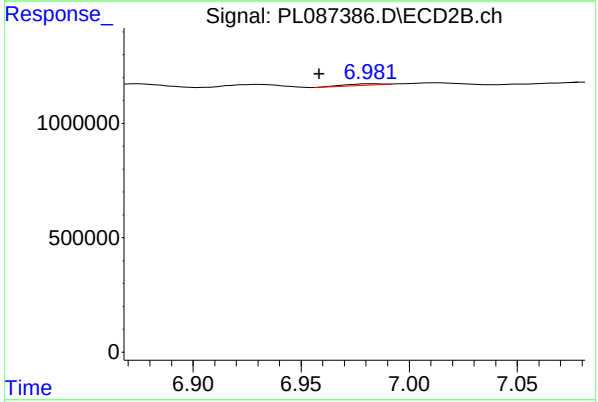
R.T.: 6.766 min
Delta R.T.: -0.010 min
Response: 7518695
Conc: 3.53 ng/ml



#22 Mirex

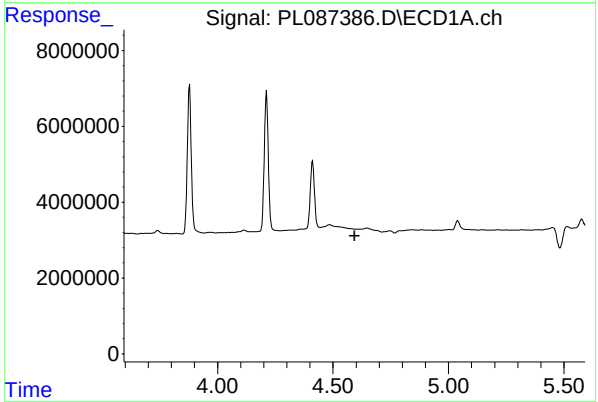
R.T.: 0.000 min
Exp R.T. : 8.034 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



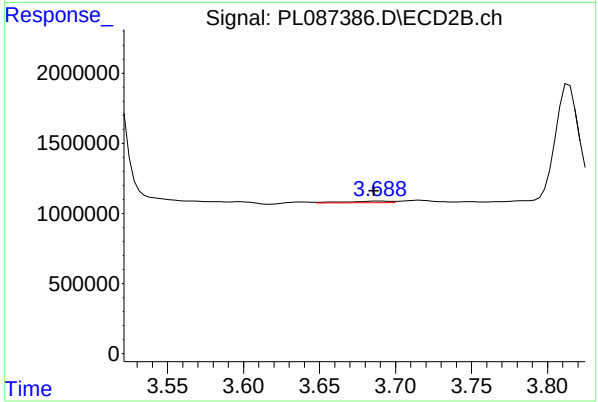
#22 Mirex

R.T.: 6.982 min
Delta R.T.: 0.024 min
Response: 64035
Conc: 0.04 ng/ml



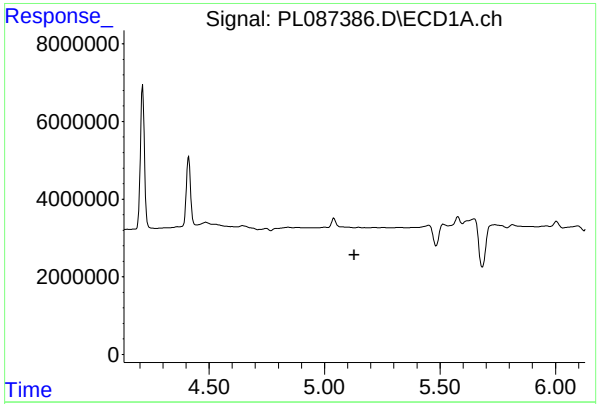
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.594 min
Response: 0
Conc: N.D.



#23 Chlordane-1

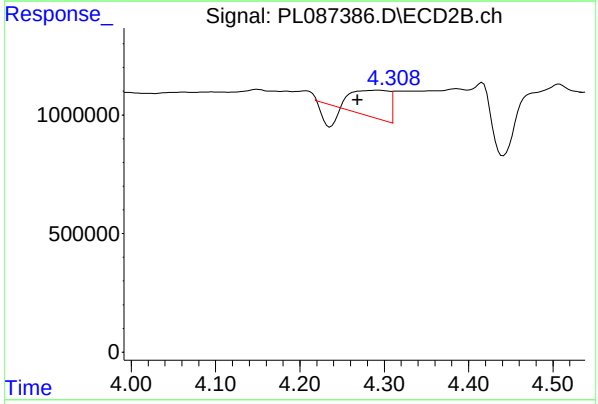
R.T.: 3.690 min
Delta R.T.: 0.005 min
Response: 252088
Conc: 4.06 ng/ml



#24 Chlordane-2

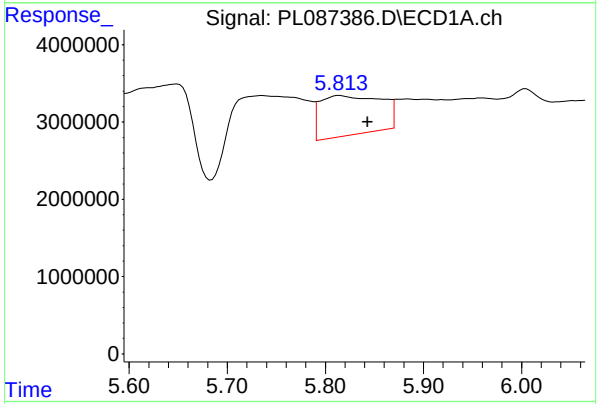
R.T.: 0.000 min
Exp R.T. : 5.128 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



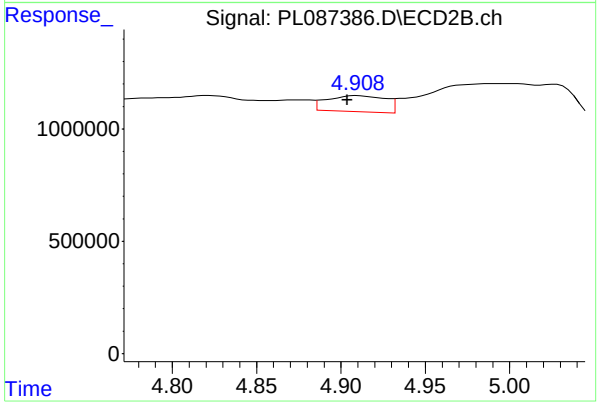
#24 Chlordane-2

R.T.: 4.292 min
Delta R.T.: 0.024 min
Response: 2756905
Conc: 35.91 ng/ml



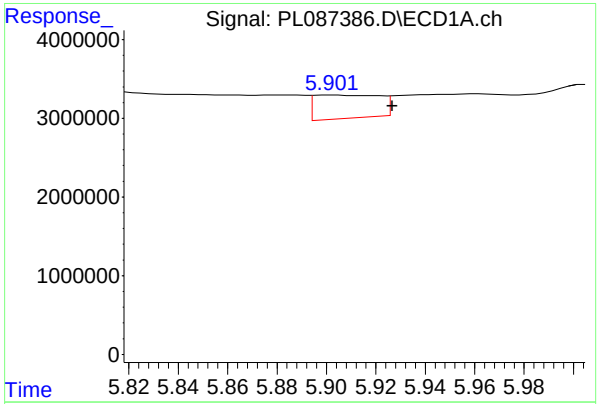
#25 Chlordane-3

R.T.: 5.815 min
Delta R.T.: -0.028 min
Response: 22146672
Conc: 31.77 ng/ml



#25 Chlordane-3

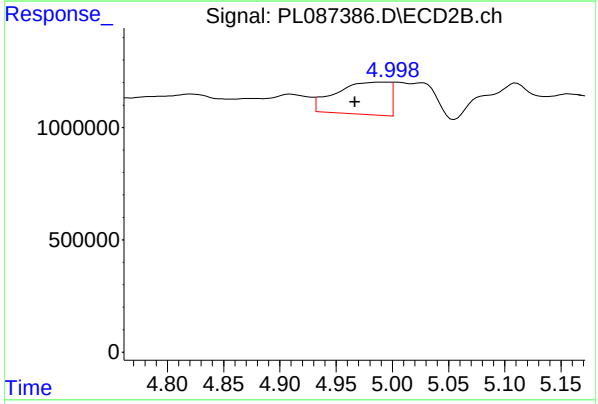
R.T.: 4.910 min
Delta R.T.: 0.006 min
Response: 1702333
Conc: 7.70 ng/ml



#26 Chlordane-4

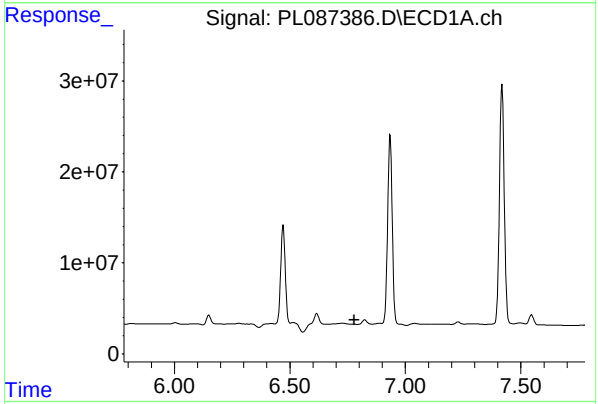
R.T.: 5.902 min
Delta R.T.: -0.024 min
Response: 5428136
Conc: 6.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



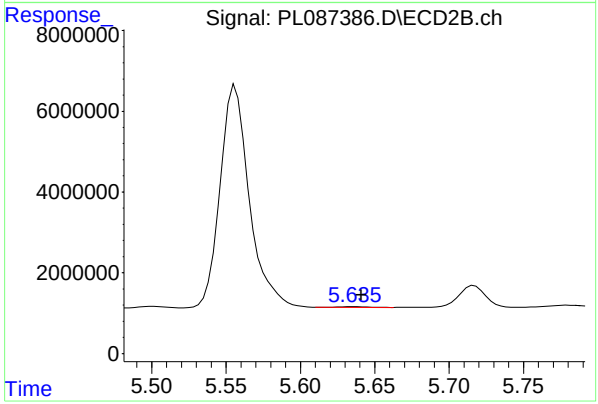
#26 Chlordane-4

R.T.: 4.991 min
Delta R.T.: 0.024 min
Response: 4753071
Conc: 20.42 ng/ml



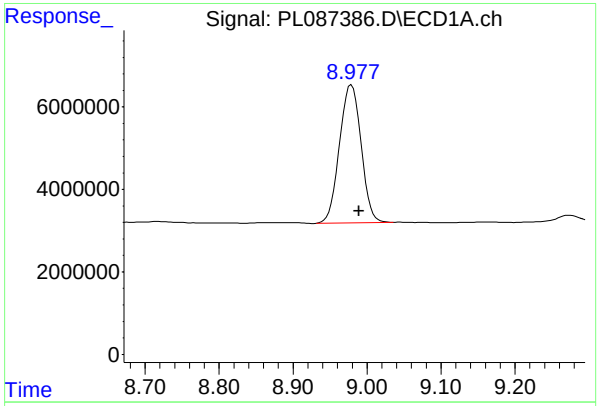
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.779 min
Response: 0
Conc: N.D.



#27 Chlordane-5

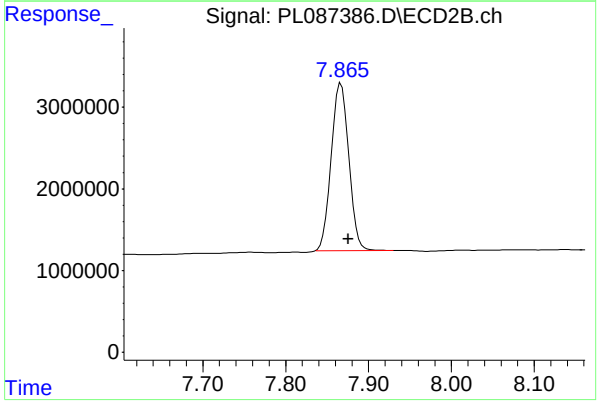
R.T.: 5.636 min
Delta R.T.: -0.005 min
Response: 151946
Conc: 2.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.979 min
Delta R.T.: -0.010 min
Response: 68051056
Conc: 19.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.867 min
Delta R.T.: -0.009 min
Response: 30346700
Conc: 17.97 ng/ml