

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051524\
 Data File : PL089533.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2024 09:42
 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 15 11:47:22 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...	3.554	2.802	47198148	30297822	23.439	23.614
28)	SA Decachlor...	9.067	7.947	29640583	28383975	21.187	21.100
Target Compounds							
2)	A alpha-BHC	4.008	3.305	34280702	20396294	12.021	10.809
3)	MA gamma-BHC...	4.340	3.634	32232233	19228784	11.578	10.421
4)	MA Heptachlor	4.919	4.001f	514655	14133	0.208	0.008 #
5)	MB Aldrin	5.251f	4.266	871110	164610	0.339	0.093 #
6)	B beta-BHC	4.535	3.931	15327762	10244845	12.150	12.548
7)	B delta-BHC	4.770	4.161	662533	31451	0.250	0.017 #
8)	B Heptachlo...	5.683	4.753	899628	21124	0.384	0.013 #
9)	A Endosulfan I	6.084	5.126	156061	32598	0.073	0.022 #
10)	B gamma-Chl...	5.961	5.017	178425	272220	0.078	0.166 #
11)	B alpha-Chl...	6.039	5.075	218450	106104	0.096	0.064 #
12)	B 4,4'-DDE	6.204	5.262	1370776	512971	0.677	0.353 #
13)	MA Dieldrin	6.381f	5.400	617800	13572	0.276	0.008 #
14)	MA Endrin	6.586	5.669	88740935	76630321	46.845	53.302
15)	B Endosulfa...	6.824f	5.978f	2594577	895477	1.300	0.623 #
16)	A 4,4'-DDD	6.720	5.817	5341508	2526150	3.166	2.048 #
17)	MA 4,4'-DDT	7.035	6.068	156.9E6	153.9E6	85.304	113.777 #
18)	B Endrin al...	6.935	6.142	3770924	2736929	2.494	2.461
19)	B Endosulfa...	7.161	6.360	167783	117944	0.093	0.085
20)	A Methoxychlor	7.508	6.643	199.9E6	197.8E6	203.257	247.395
21)	B Endrin ke...	7.653	6.871	5878072	4369235	2.937	2.732
22)	Mirex	8.119	7.083f	-10390	56690	N.D.	0.042
24)	Chlordane-2	5.251	4.379	871110	95960	8.289	1.508 #
25)	Chlordane-3	5.961	5.017	178425	272220	0.540	1.590 #
26)	Chlordane-4	6.039	5.075	218450	106104	0.536	0.660
27)	Chlordane-5	0.000	5.742	0	418547	N.D.	8.178 #

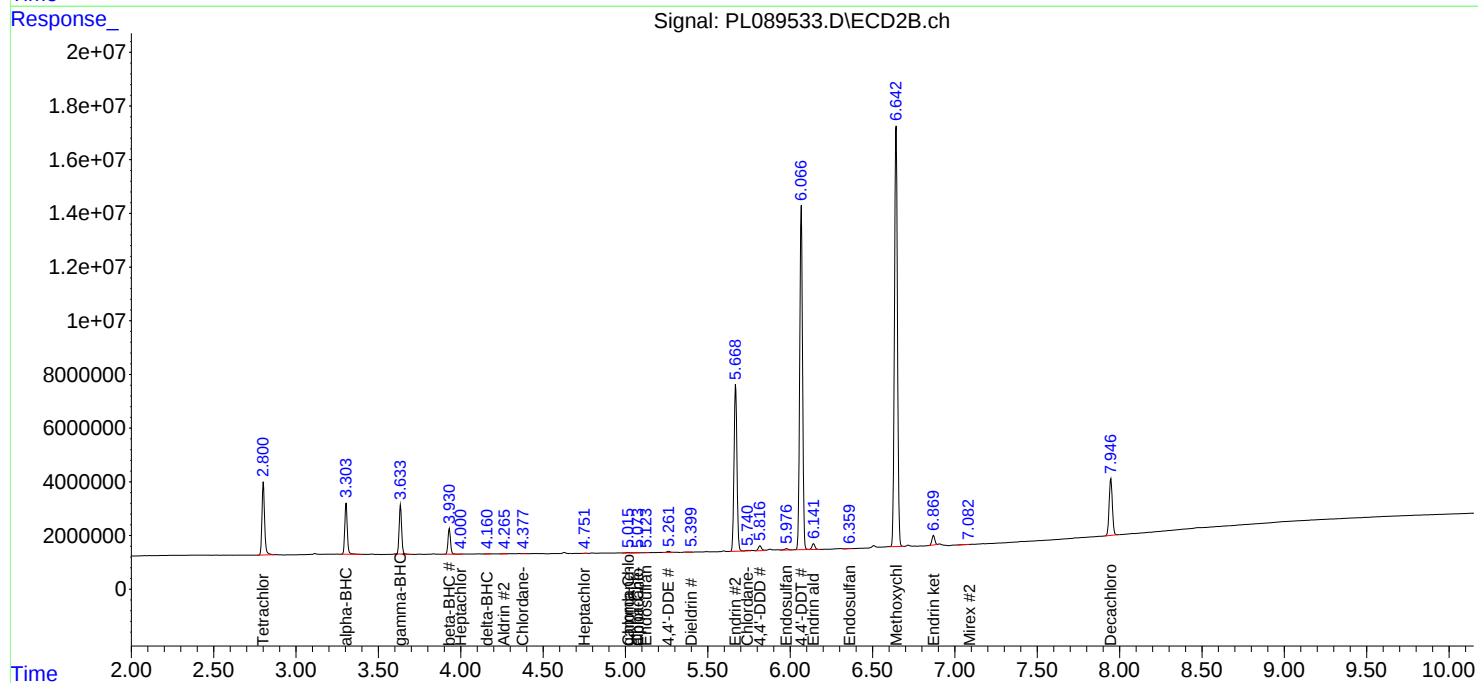
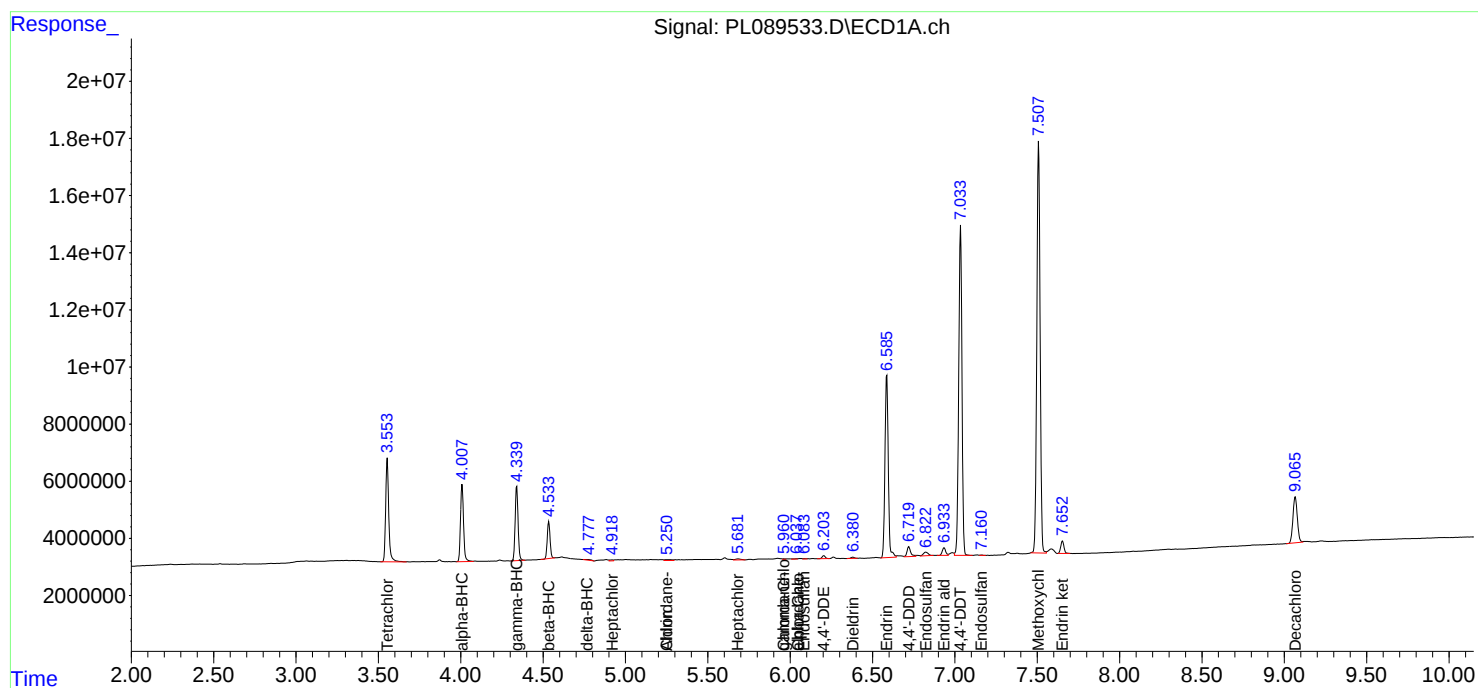
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

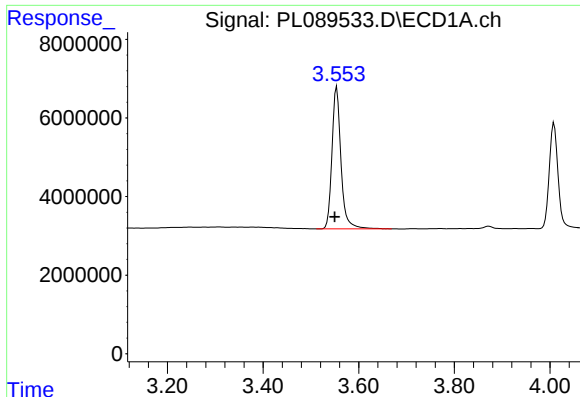
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051524\
Data File : PL089533.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2024 09:42
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 11:47:22 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

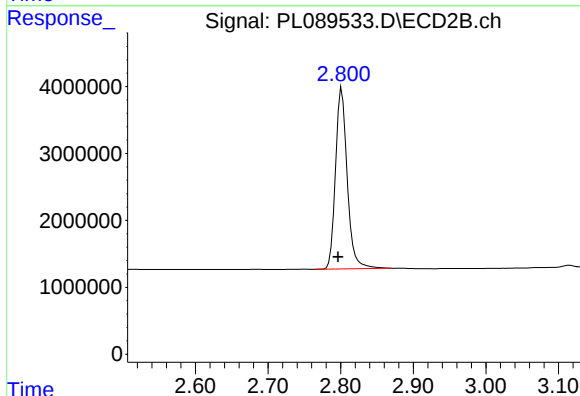




#1 Tetrachloro-m-xylene

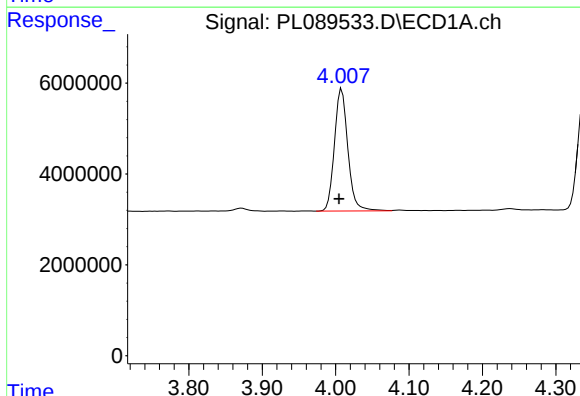
R.T.: 3.554 min
Delta R.T.: 0.004 min
Response: 47198148
Conc: 23.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



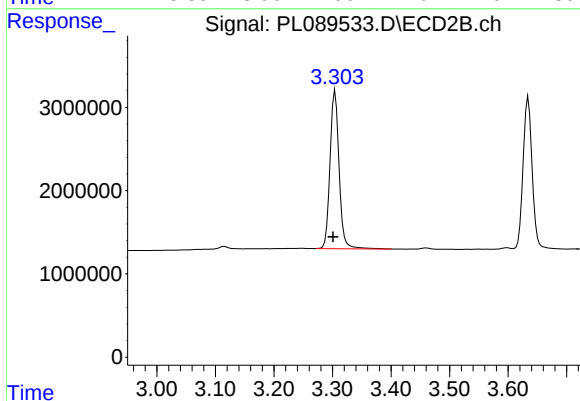
#1 Tetrachloro-m-xylene

R.T.: 2.802 min
Delta R.T.: 0.005 min
Response: 30297822
Conc: 23.61 ng/ml



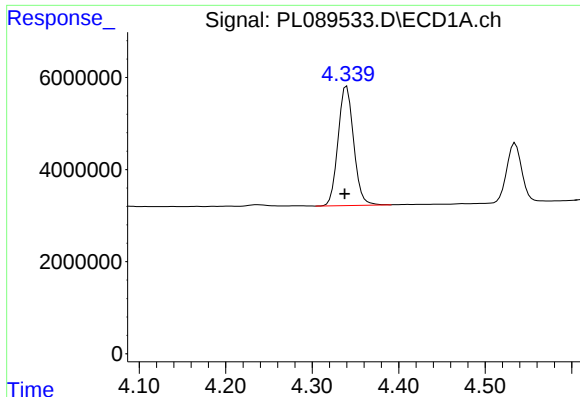
#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: 0.004 min
Response: 34280702
Conc: 12.02 ng/ml



#2 alpha-BHC

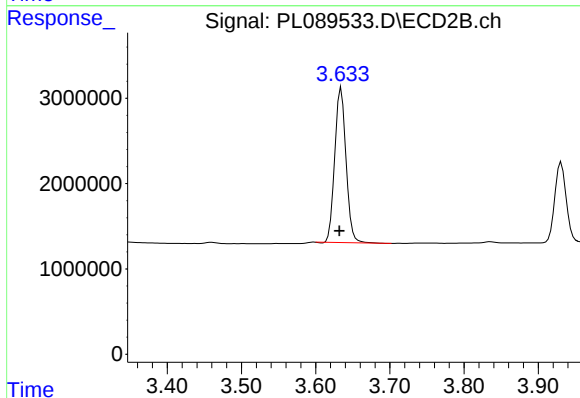
R.T.: 3.305 min
Delta R.T.: 0.003 min
Response: 20396294
Conc: 10.81 ng/ml



#3 gamma-BHC (Lindane)

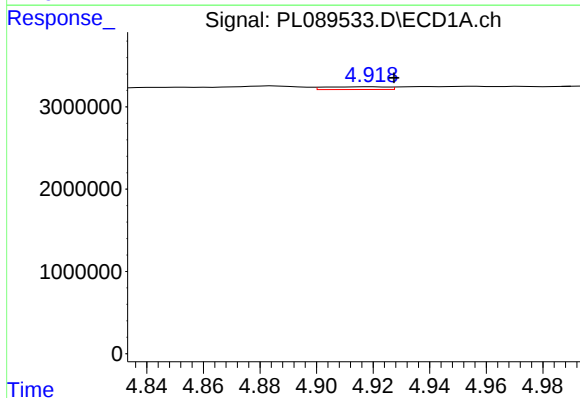
R.T.: 4.340 min
Delta R.T.: 0.002 min
Response: 32232233
Conc: 11.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



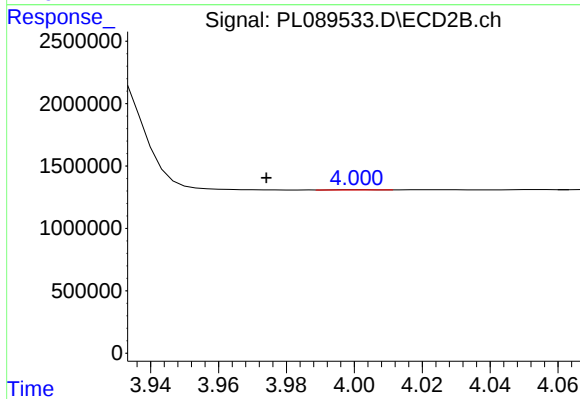
#3 gamma-BHC (Lindane)

R.T.: 3.634 min
Delta R.T.: 0.002 min
Response: 19228784
Conc: 10.42 ng/ml



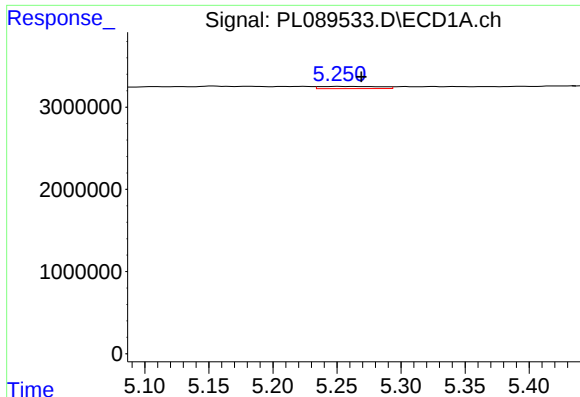
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.008 min
Response: 514655
Conc: 0.21 ng/ml



#4 Heptachlor

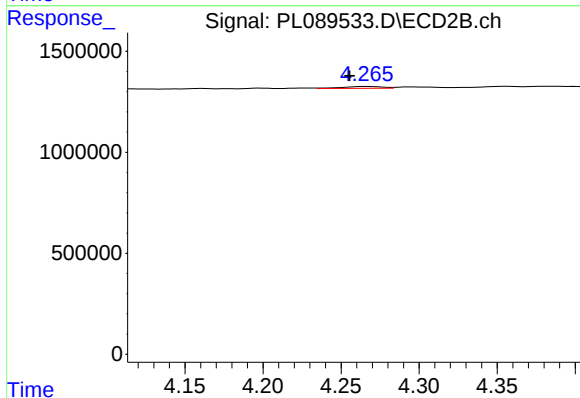
R.T.: 4.001 min
Delta R.T.: 0.027 min
Response: 14133
Conc: 0.01 ng/ml



#5 Aldrin

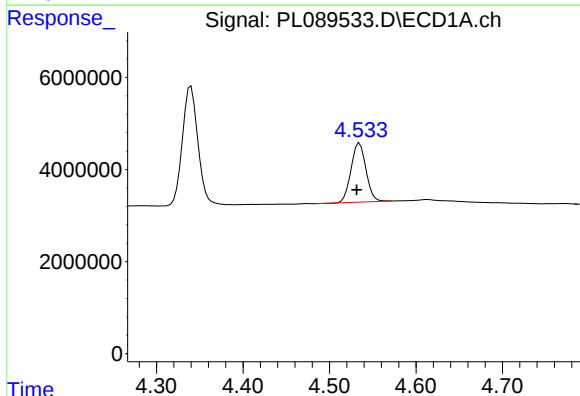
R.T.: 5.251 min
Delta R.T.: -0.018 min
Response: 871110
Conc: 0.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



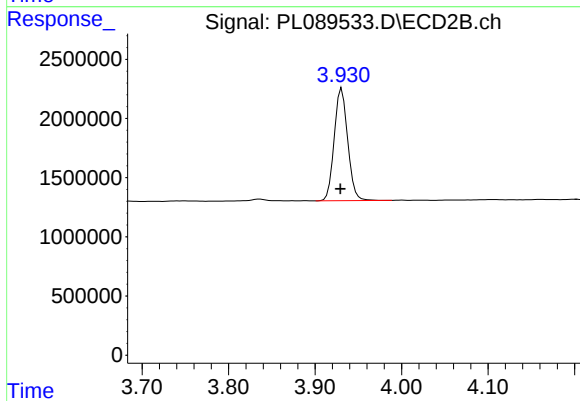
#5 Aldrin

R.T.: 4.266 min
Delta R.T.: 0.011 min
Response: 164610
Conc: 0.09 ng/ml



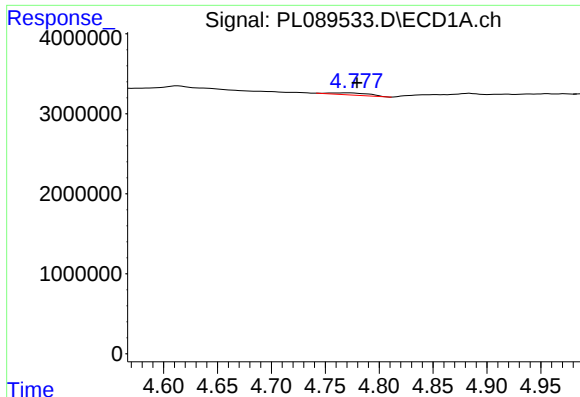
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.003 min
Response: 15327762
Conc: 12.15 ng/ml



#6 beta-BHC

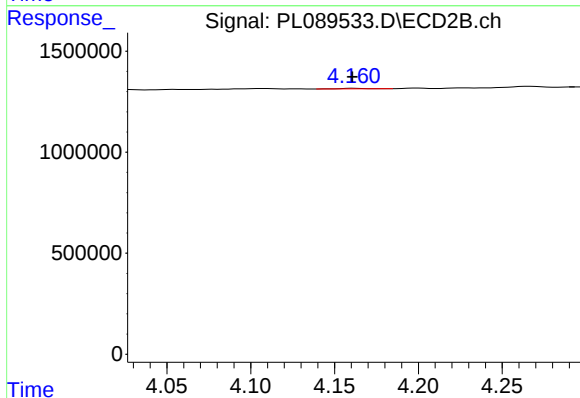
R.T.: 3.931 min
Delta R.T.: 0.002 min
Response: 10244845
Conc: 12.55 ng/ml



#7 delta-BHC

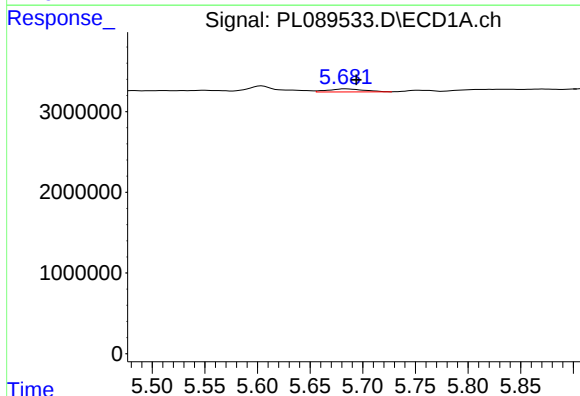
R.T.: 4.770 min
Delta R.T.: -0.009 min
Response: 662533
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



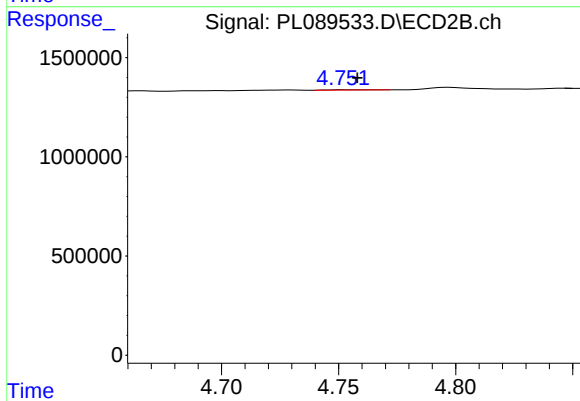
#7 delta-BHC

R.T.: 4.161 min
Delta R.T.: 0.000 min
Response: 31451
Conc: 0.02 ng/ml



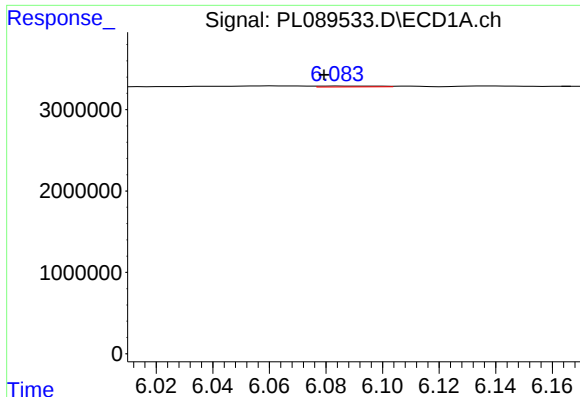
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.011 min
Response: 899628
Conc: 0.38 ng/ml



#8 Heptachlor epoxide

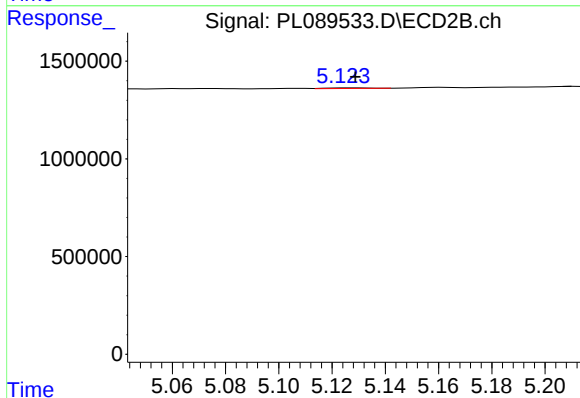
R.T.: 4.753 min
Delta R.T.: -0.005 min
Response: 21124
Conc: 0.01 ng/ml



#9 Endosulfan I

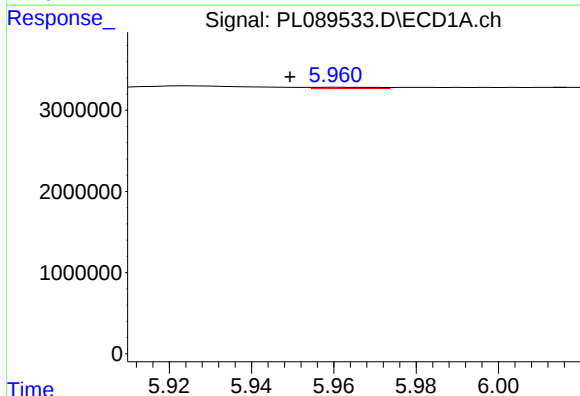
R.T.: 6.084 min
Delta R.T.: 0.005 min
Response: 156061
Conc: 0.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



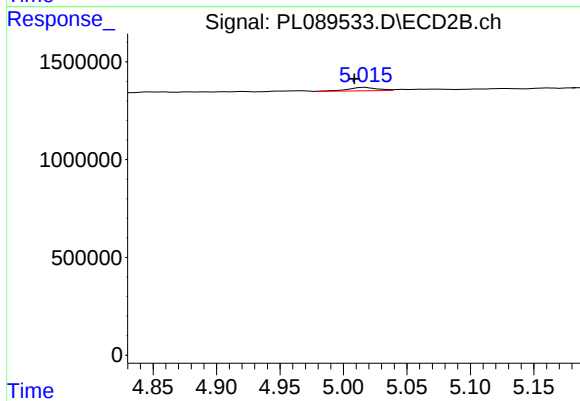
#9 Endosulfan I

R.T.: 5.126 min
Delta R.T.: -0.003 min
Response: 32598
Conc: 0.02 ng/ml



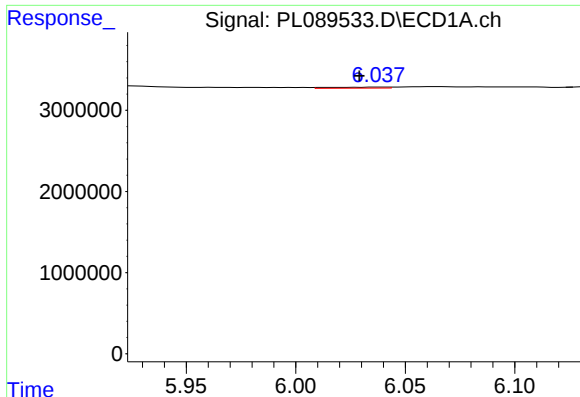
#10 gamma-Chlordane

R.T.: 5.961 min
Delta R.T.: 0.011 min
Response: 178425
Conc: 0.08 ng/ml



#10 gamma-Chlordane

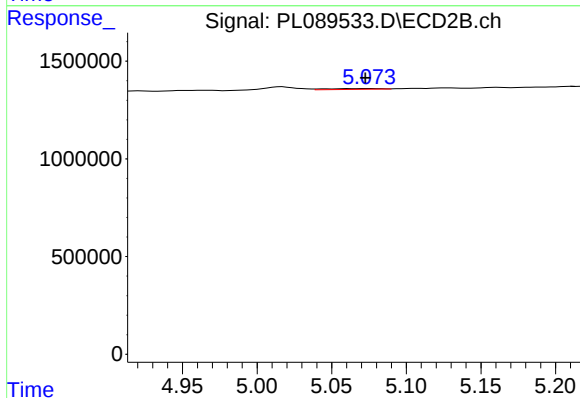
R.T.: 5.017 min
Delta R.T.: 0.008 min
Response: 272220
Conc: 0.17 ng/ml



#11 alpha-Chlordane

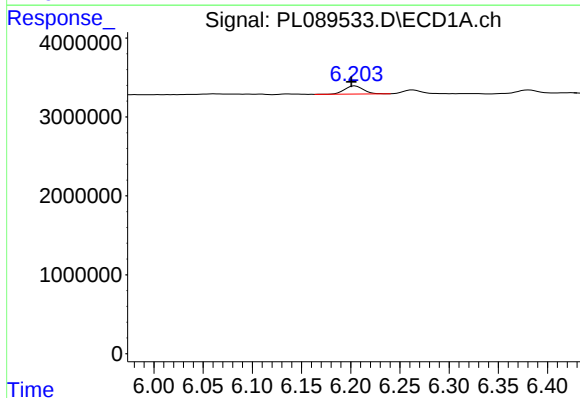
R.T.: 6.039 min
Delta R.T.: 0.010 min
Response: 218450
Conc: 0.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



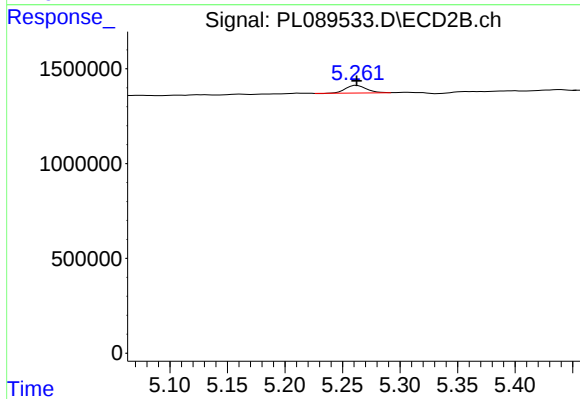
#11 alpha-Chlordane

R.T.: 5.075 min
Delta R.T.: 0.002 min
Response: 106104
Conc: 0.06 ng/ml



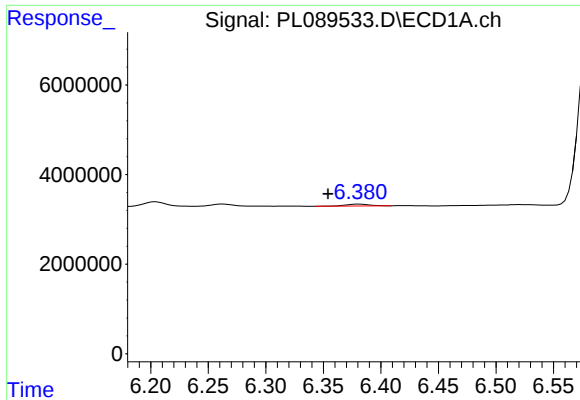
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.004 min
Response: 1370776
Conc: 0.68 ng/ml



#12 4,4'-DDE

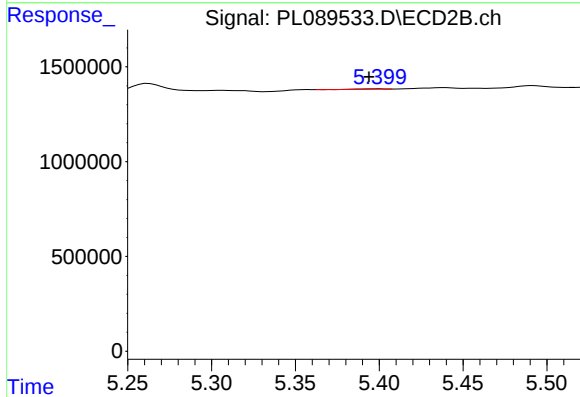
R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 512971
Conc: 0.35 ng/ml



#13 Dieldrin

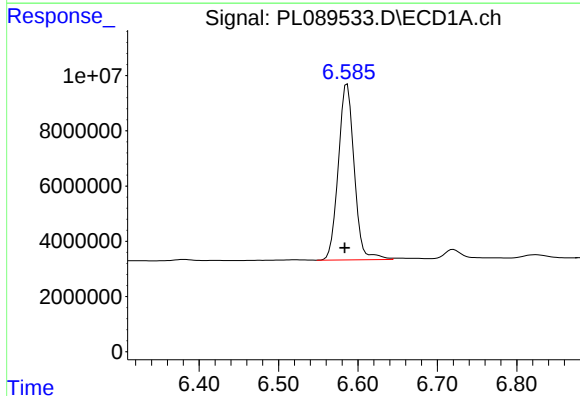
R.T.: 6.381 min
Delta R.T.: 0.027 min
Response: 617800
Conc: 0.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



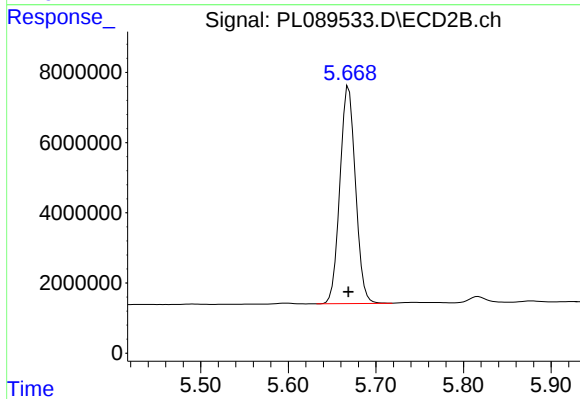
#13 Dieldrin

R.T.: 5.400 min
Delta R.T.: 0.006 min
Response: 13572
Conc: 0.01 ng/ml



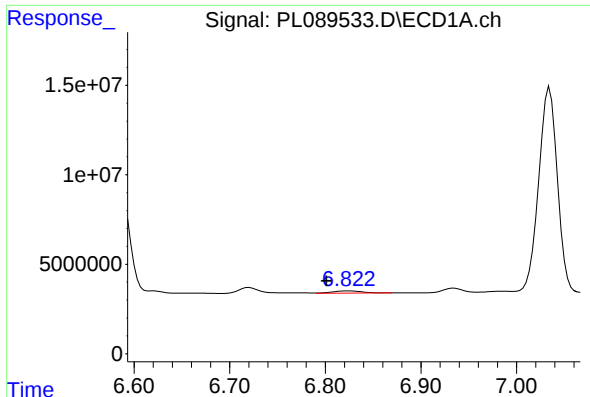
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.003 min
Response: 88740935
Conc: 46.85 ng/ml



#14 Endrin

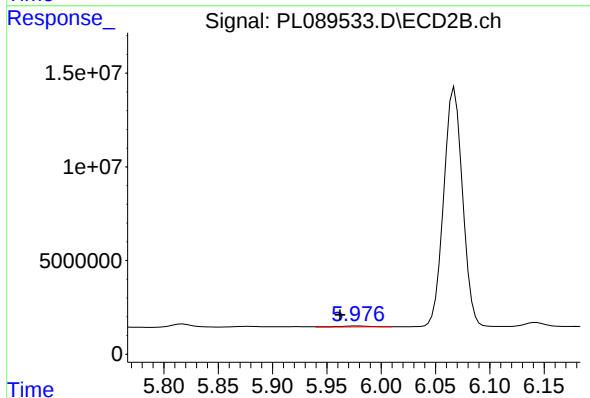
R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 76630321
Conc: 53.30 ng/ml



#15 Endosulfan II

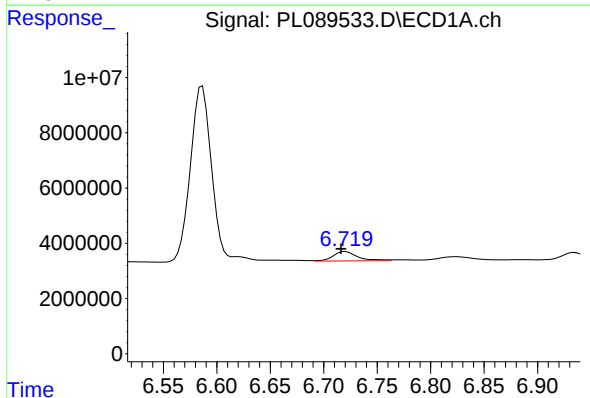
R.T.: 6.824 min
Delta R.T.: 0.023 min
Response: 2594577
Conc: 1.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



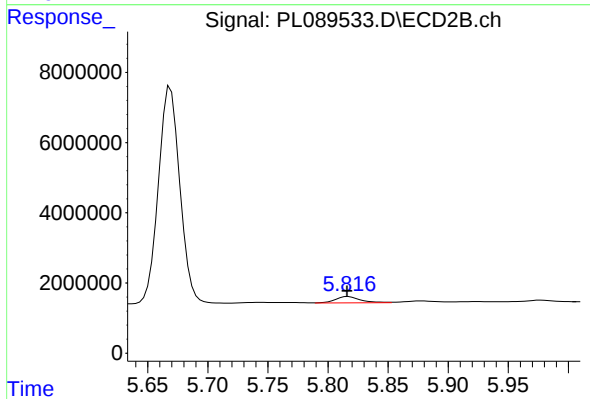
#15 Endosulfan II

R.T.: 5.978 min
Delta R.T.: 0.015 min
Response: 895477
Conc: 0.62 ng/ml



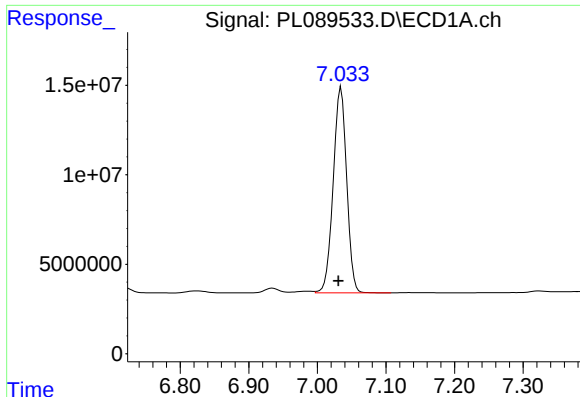
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.004 min
Response: 5341508
Conc: 3.17 ng/ml



#16 4,4'-DDD

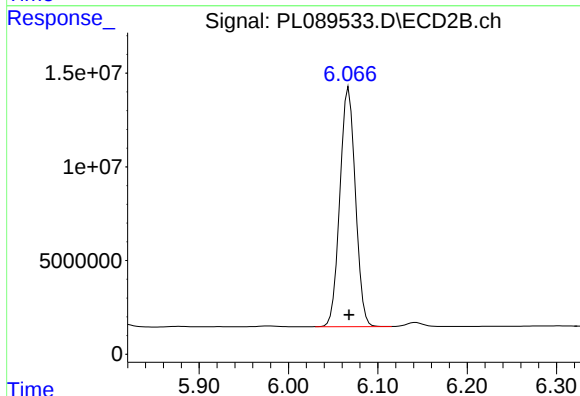
R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 2526150
Conc: 2.05 ng/ml



#17 4,4'-DDT

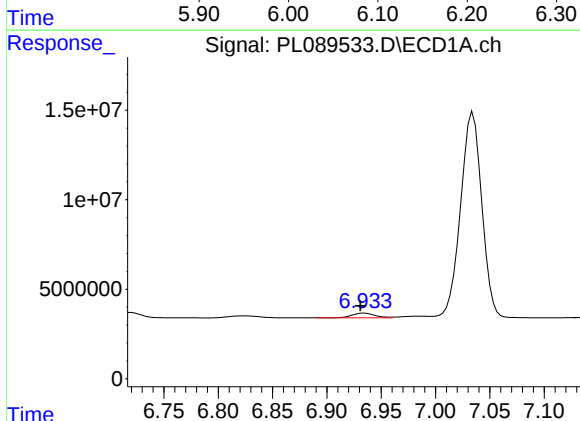
R.T.: 7.035 min
Delta R.T.: 0.004 min
Response: 156872070
Conc: 85.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



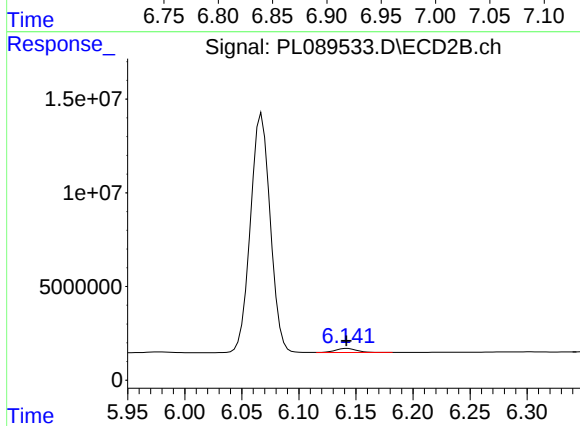
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 153938479
Conc: 113.78 ng/ml



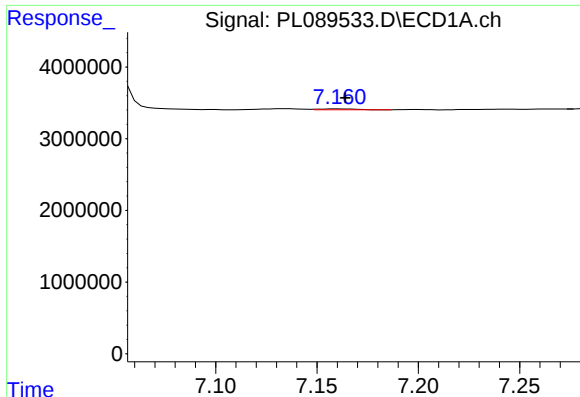
#18 Endrin aldehyde

R.T.: 6.935 min
Delta R.T.: 0.004 min
Response: 3770924
Conc: 2.49 ng/ml



#18 Endrin aldehyde

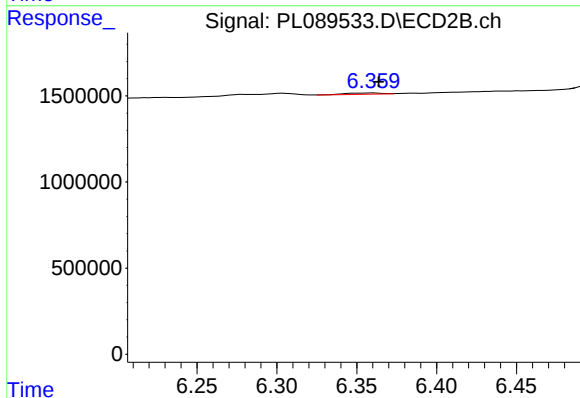
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 2736929
Conc: 2.46 ng/ml



#19 Endosulfan Sulfate

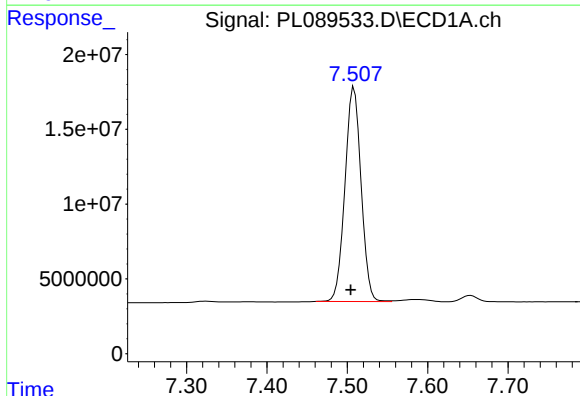
R.T.: 7.161 min
Delta R.T.: -0.003 min
Response: 167783
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



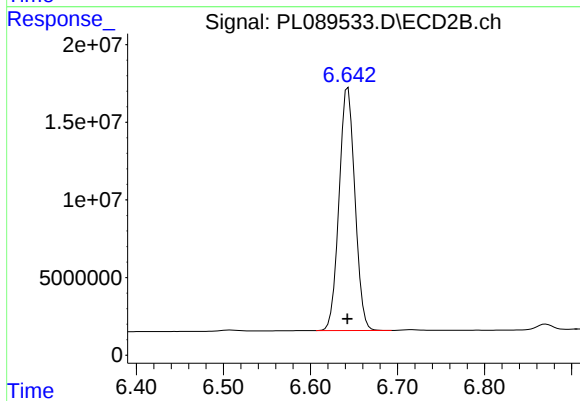
#19 Endosulfan Sulfate

R.T.: 6.360 min
Delta R.T.: -0.004 min
Response: 117944
Conc: 0.09 ng/ml



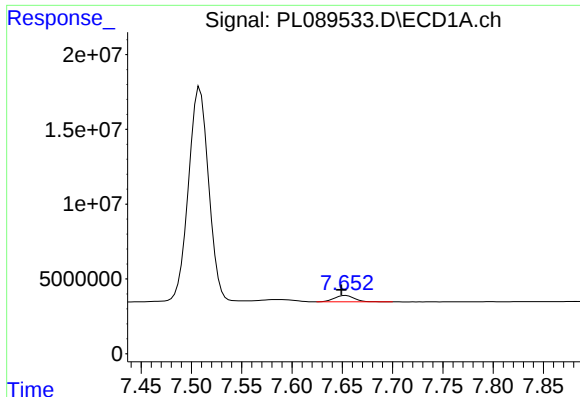
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.004 min
Response: 199883181
Conc: 203.26 ng/ml



#20 Methoxychlor

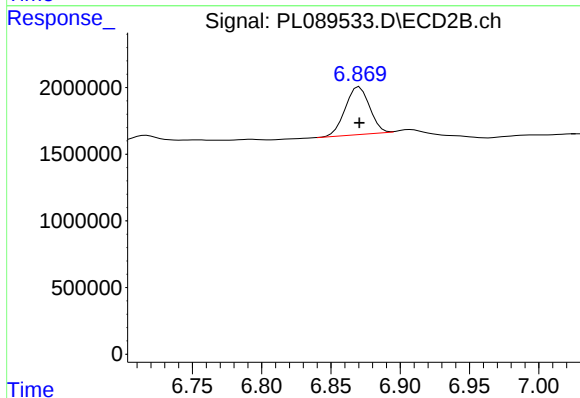
R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 197813643
Conc: 247.40 ng/ml



#21 Endrin ketone

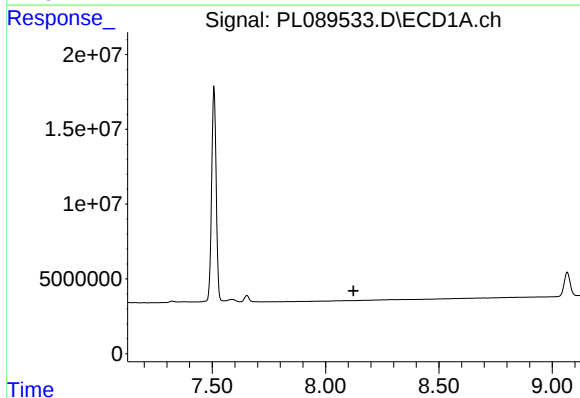
R.T.: 7.653 min
Delta R.T.: 0.005 min
Response: 5878072
Conc: 2.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



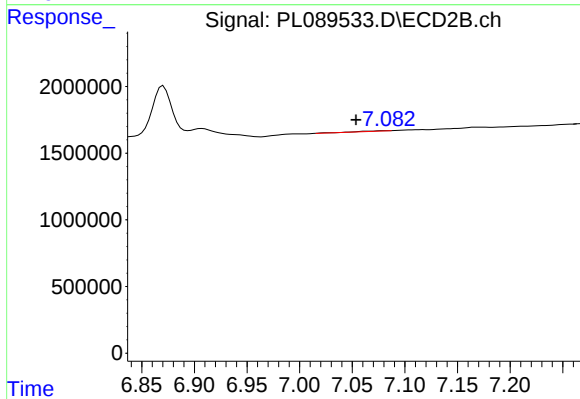
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 4369235
Conc: 2.73 ng/ml



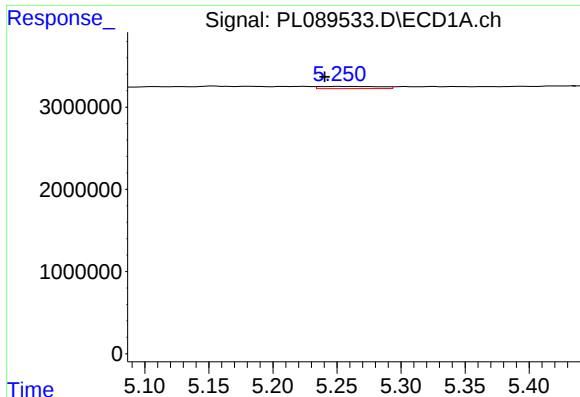
#22 Mirex

R.T.: 8.119 min
Delta R.T.: -0.005 min
Response: -10390
Conc: N.D.



#22 Mirex

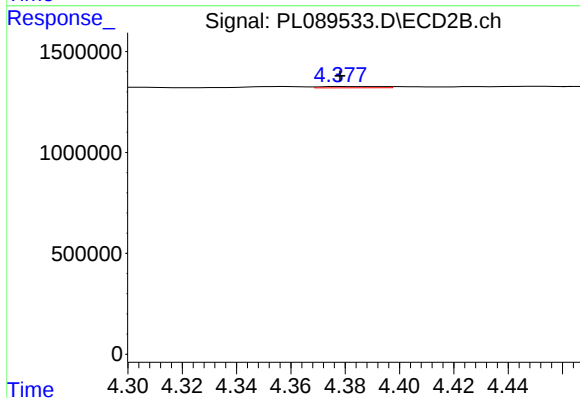
R.T.: 7.083 min
Delta R.T.: 0.030 min
Response: 56690
Conc: 0.04 ng/ml



#24 Chlordane-2

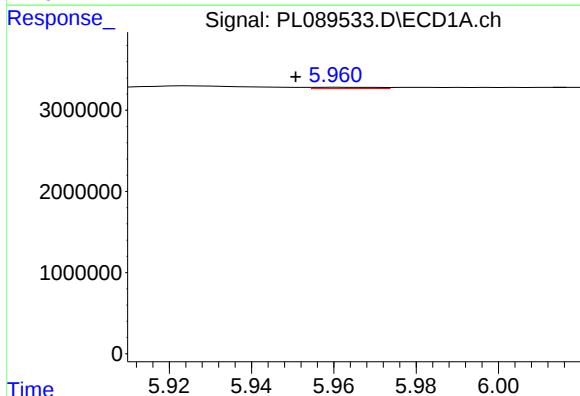
R.T.: 5.251 min
Delta R.T.: 0.011 min
Response: 871110
Conc: 8.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



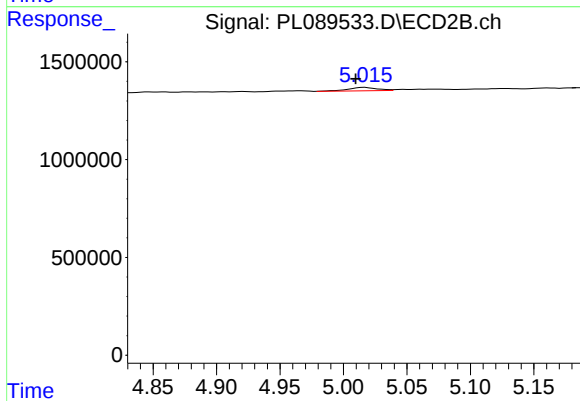
#24 Chlordane-2

R.T.: 4.379 min
Delta R.T.: 0.001 min
Response: 95960
Conc: 1.51 ng/ml



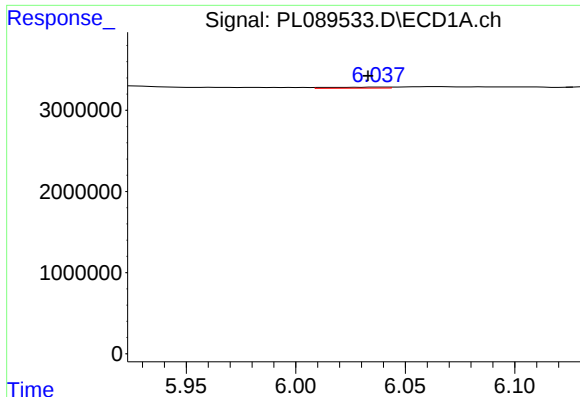
#25 Chlordane-3

R.T.: 5.961 min
Delta R.T.: 0.010 min
Response: 178425
Conc: 0.54 ng/ml



#25 Chlordane-3

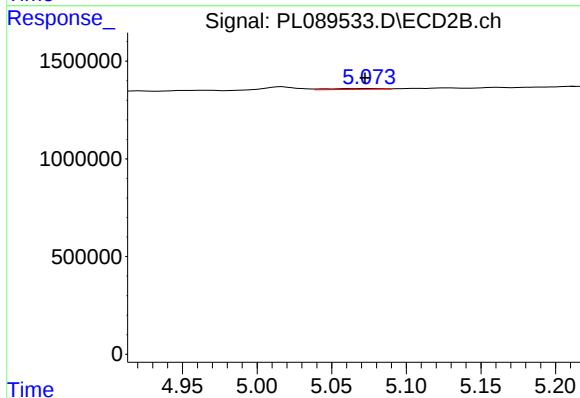
R.T.: 5.017 min
Delta R.T.: 0.007 min
Response: 272220
Conc: 1.59 ng/ml



#26 Chlordane-4

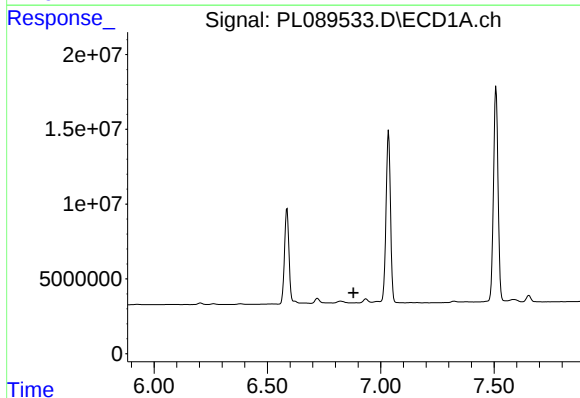
R.T.: 6.039 min
Delta R.T.: 0.006 min
Response: 218450
Conc: 0.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



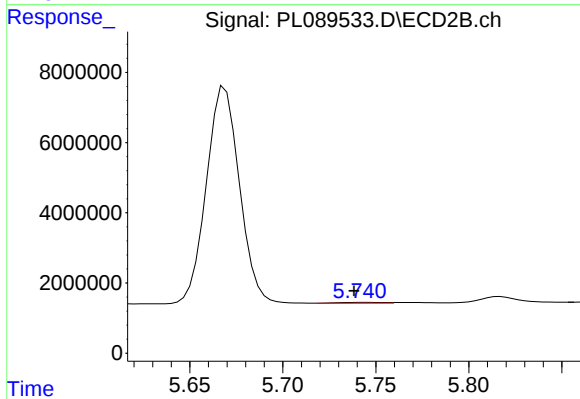
#26 Chlordane-4

R.T.: 5.075 min
Delta R.T.: 0.003 min
Response: 106104
Conc: 0.66 ng/ml



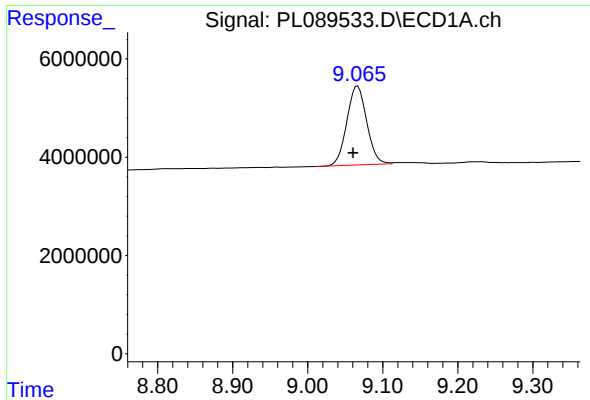
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.880 min
Response: 0
Conc: N.D.



#27 Chlordane-5

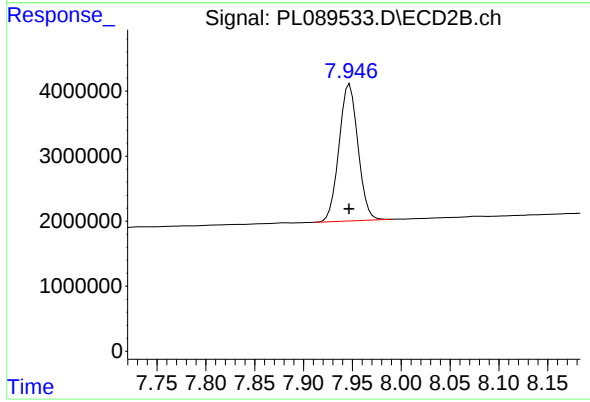
R.T.: 5.742 min
Delta R.T.: 0.004 min
Response: 418547
Conc: 8.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.006 min
Response: 29640583
Conc: 21.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.947 min
Delta R.T.: 0.000 min
Response: 28383975
Conc: 21.10 ng/ml