

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042924\
 Data File : PL089226.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2024 09:30
 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: Apr 29 21:40:28 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...	3.550	2.797	42513308	25935847	21.112	20.214
28)	SA Decachlor...	9.063	7.948	30187644	27198742	21.578	20.219
Target Compounds							
2)	A alpha-BHC	4.005	3.301	31637139	17298376	11.094	9.168
3)	MA gamma-BHC...	4.338	3.632	29993169	16305197	10.774	8.836
4)	MA Heptachlor	4.948f	3.997f	923431	27160	0.372	0.015 #
5)	MB Aldrin	5.265	4.267	263374	115716	0.103	0.065 #
6)	B beta-BHC	4.532	3.930	14666834	8542504	11.626	10.463
7)	B delta-BHC	4.770	4.172	598084	48413	0.226	0.027 #
8)	B Heptachlo...	5.691	4.776f	1419713	16501	0.605	0.010 #
9)	A Endosulfan I	6.075	5.133	388217	42253	0.181	0.028 #
10)	B gamma-Chl...	5.960	5.019	456528	117590	0.200	0.072 #
11)	B alpha-Chl...	6.046f	5.065	582696	59487	0.256	0.036 #
12)	B 4,4'-DDE	6.203	5.263	1173269	317923	0.580	0.219 #
13)	MA Dieldrin	6.380f	0.000	400841	0	0.179	N.D. #
14)	MA Endrin	6.585	5.669	84248259	65965430	44.474	45.883
15)	B Endosulfa...	6.822f	5.978f	2139614	765156	1.072	0.532 #
16)	A 4,4'-DDD	6.718	5.817	2985752	1394258	1.770	1.131 #
17)	MA 4,4'-DDT	7.032	6.068	162.0E6	138.1E6	88.114	102.089
18)	B Endrin al...	6.933	6.143	3670189	2348519	2.427	2.111
19)	B Endosulfa...	7.153	6.355	227772	55986	0.126	0.040 #
20)	A Methoxychlor	7.506	6.643	205.0E6	177.2E6	208.461	221.604
21)	B Endrin ke...	7.650	6.870	5802563	3753532	2.899	2.347
23)	Chlordane-1	0.000	3.834f	0	174971	N.D.	3.556 #
24)	Chlordane-2	5.244	4.402f	335711	175096	3.194	2.752
25)	Chlordane-3	5.960	5.019	456528	117590	1.382	0.687 #
26)	Chlordane-4	6.046	5.065	582696	59487	1.429	0.370 #
27)	Chlordane-5	0.000	5.758f	0	246243	N.D.	4.811 #

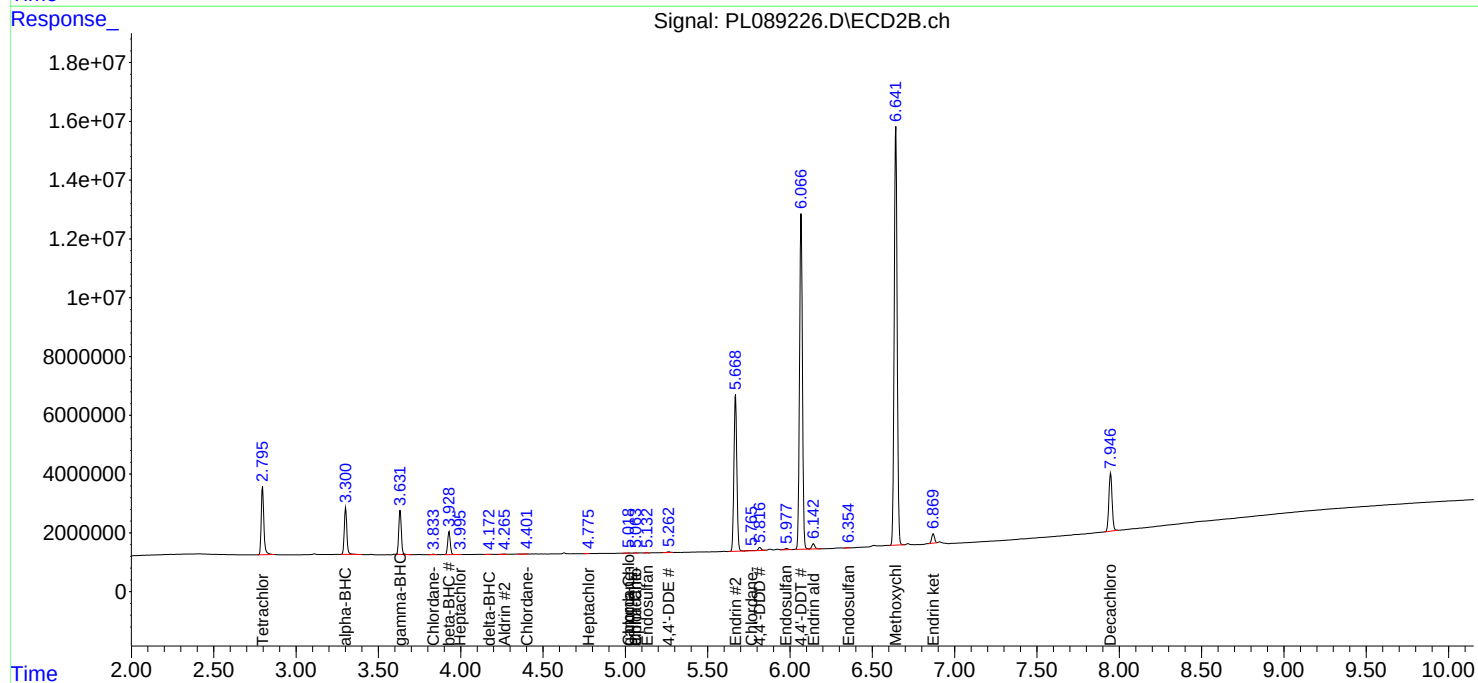
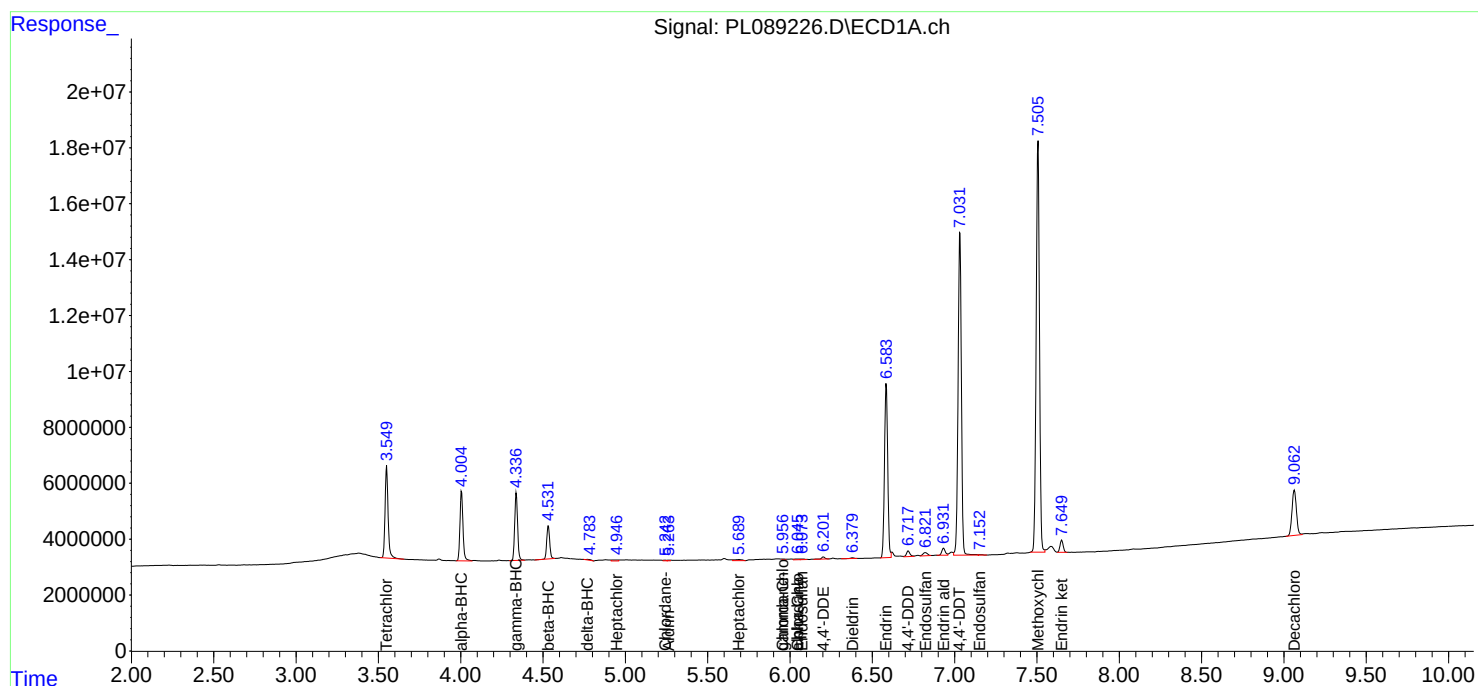
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

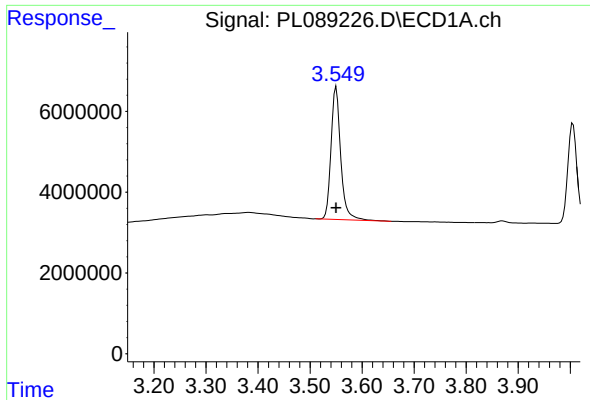
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042924\
Data File : PL089226.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2024 09:30
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 21:40:28 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

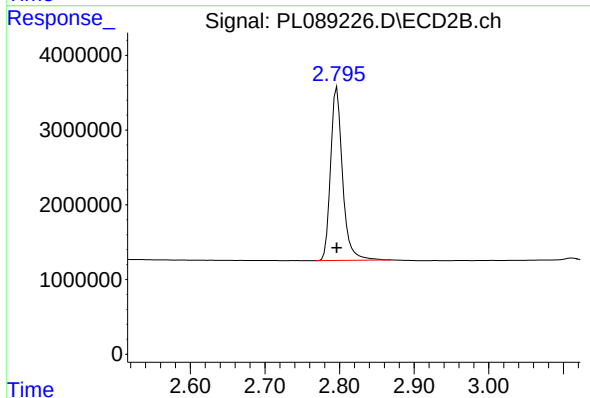




#1 Tetrachloro-m-xylene

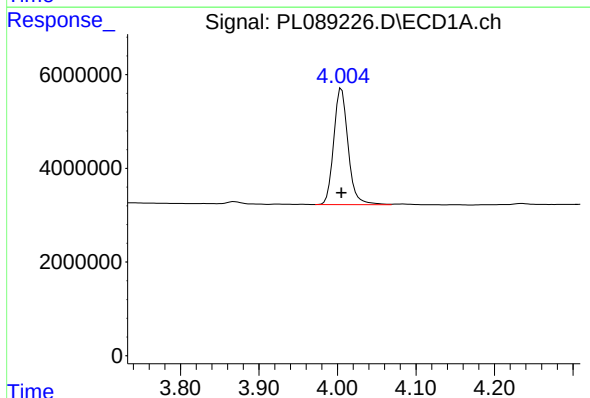
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 42513308
Conc: 21.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



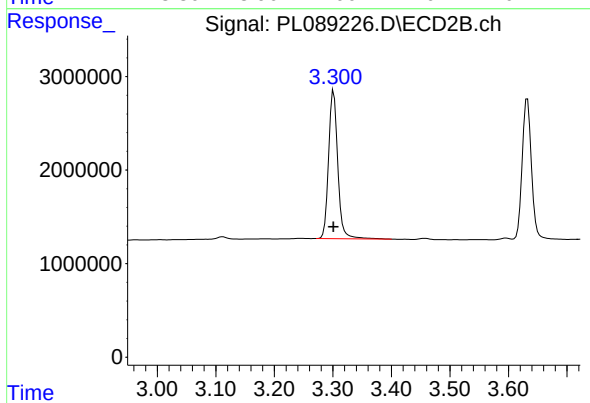
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 25935847
Conc: 20.21 ng/ml



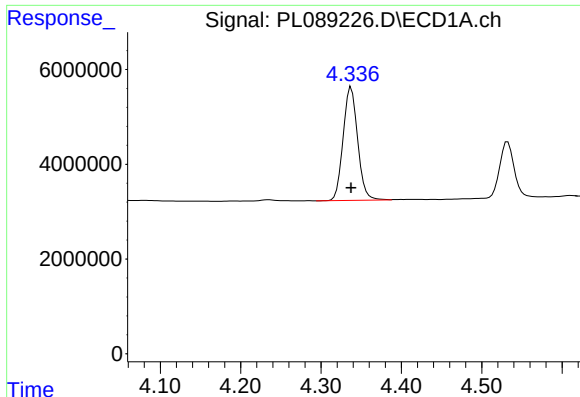
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 31637139
Conc: 11.09 ng/ml



#2 alpha-BHC

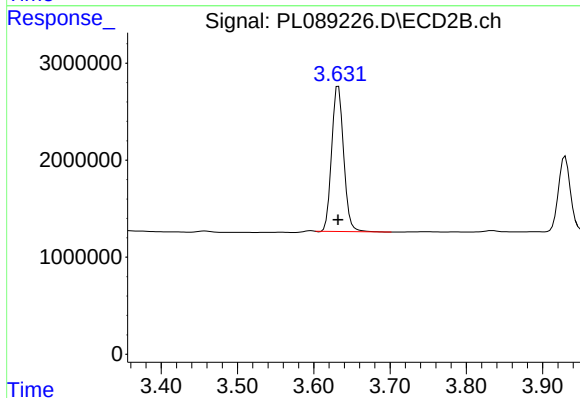
R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 17298376
Conc: 9.17 ng/ml



#3 gamma-BHC (Lindane)

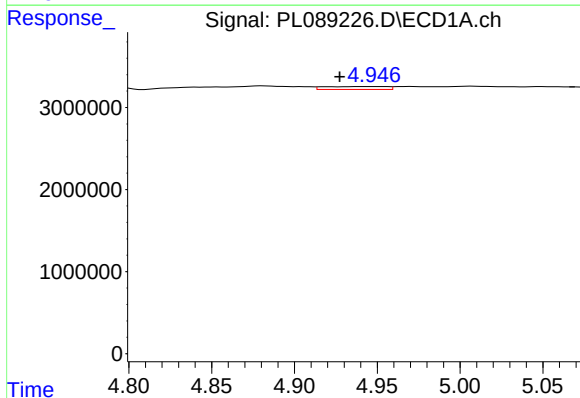
R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 29993169
Conc: 10.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



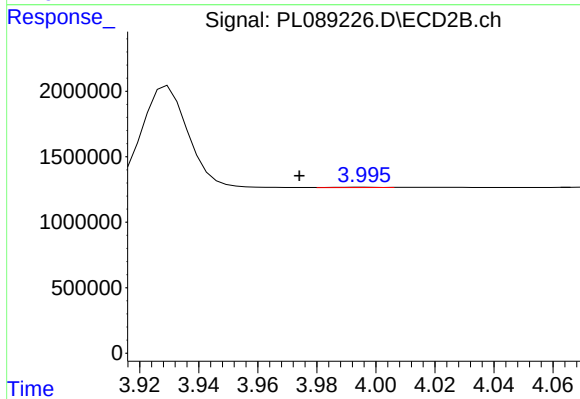
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 16305197
Conc: 8.84 ng/ml



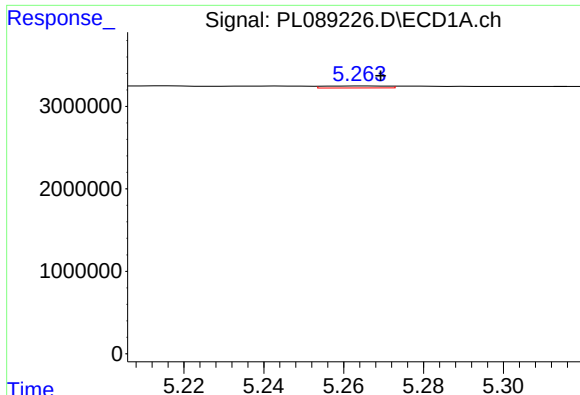
#4 Heptachlor

R.T.: 4.948 min
Delta R.T.: 0.020 min
Response: 923431
Conc: 0.37 ng/ml



#4 Heptachlor

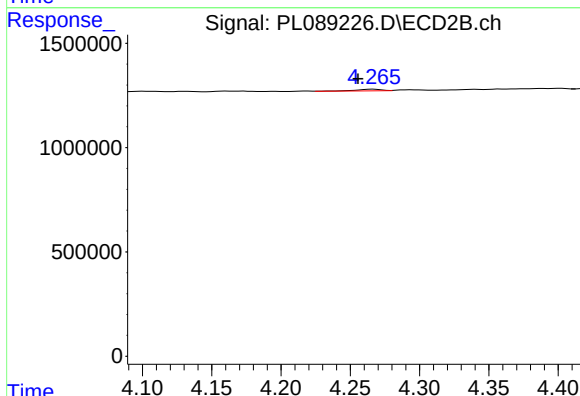
R.T.: 3.997 min
Delta R.T.: 0.022 min
Response: 27160
Conc: 0.02 ng/ml



#5 Aldrin

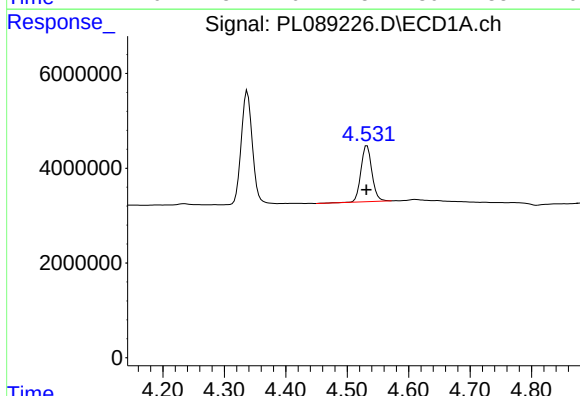
R.T.: 5.265 min
Delta R.T.: -0.005 min
Response: 263374
Conc: 0.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



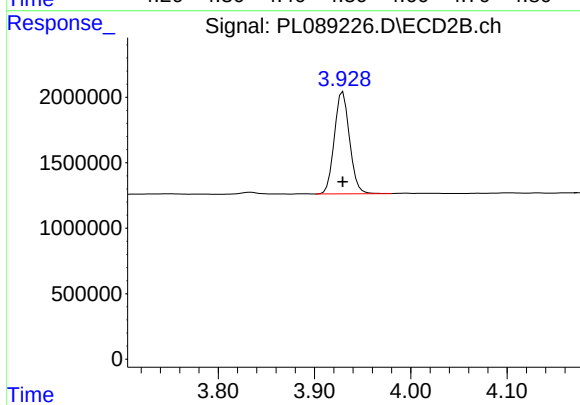
#5 Aldrin

R.T.: 4.267 min
Delta R.T.: 0.011 min
Response: 115716
Conc: 0.07 ng/ml



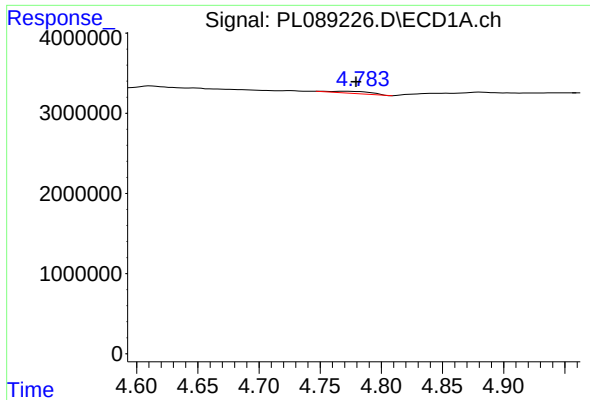
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 14666834
Conc: 11.63 ng/ml



#6 beta-BHC

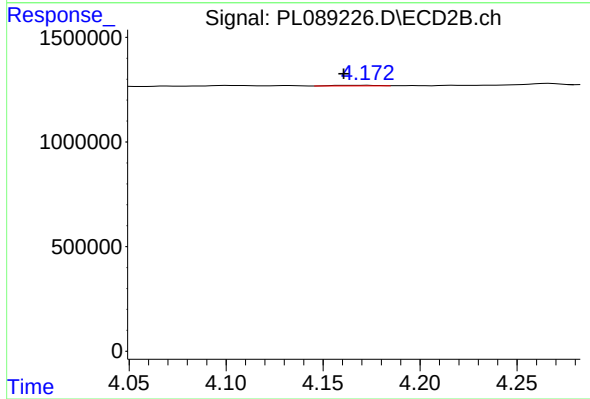
R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 8542504
Conc: 10.46 ng/ml



#7 delta-BHC

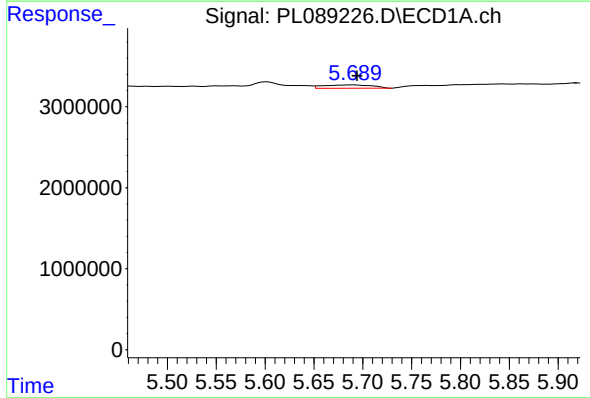
R.T.: 4.770 min
Delta R.T.: -0.009 min
Response: 598084
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



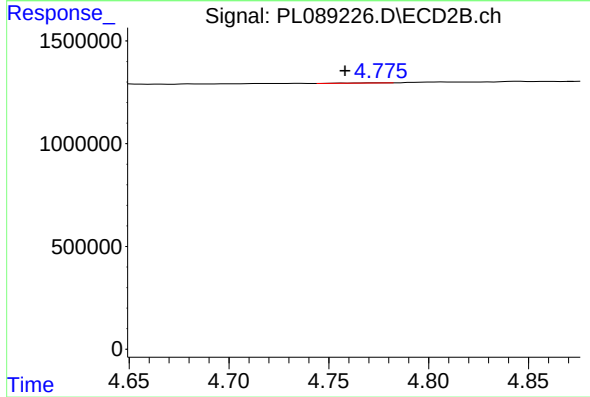
#7 delta-BHC

R.T.: 4.172 min
Delta R.T.: 0.012 min
Response: 48413
Conc: 0.03 ng/ml



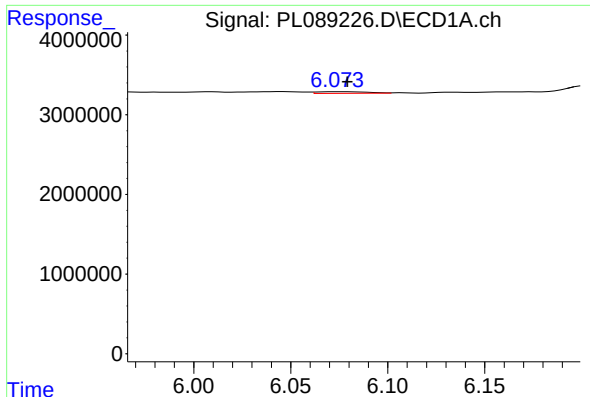
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: -0.004 min
Response: 1419713
Conc: 0.61 ng/ml



#8 Heptachlor epoxide

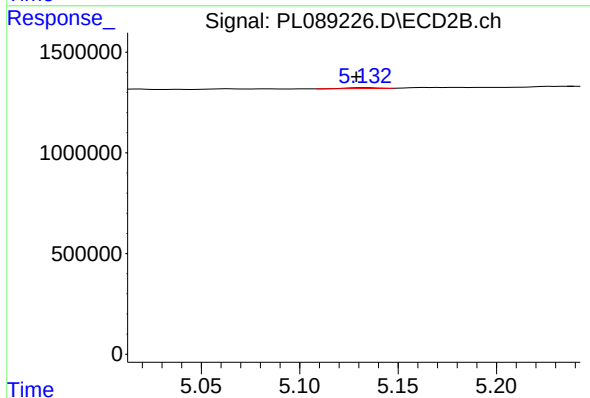
R.T.: 4.776 min
Delta R.T.: 0.018 min
Response: 16501
Conc: 0.01 ng/ml



#9 Endosulfan I

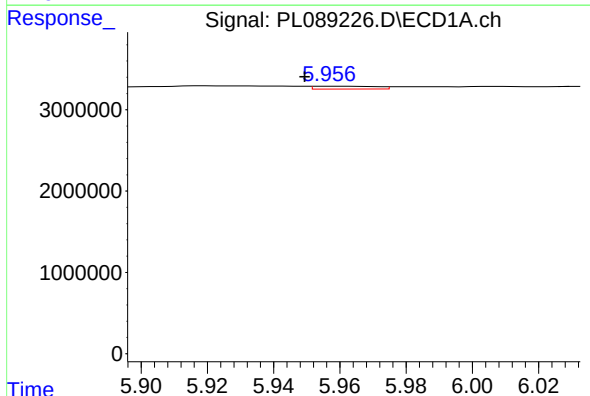
R.T.: 6.075 min
Delta R.T.: -0.005 min
Response: 388217
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



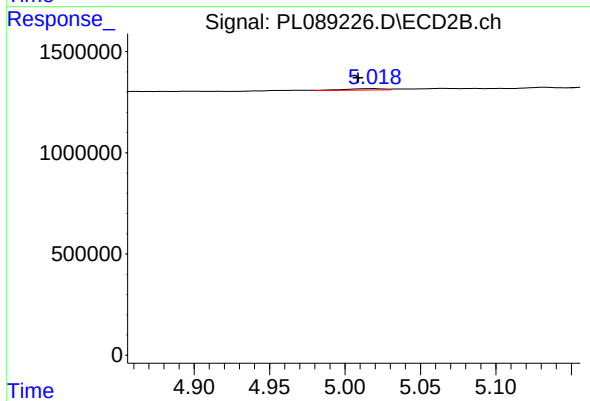
#9 Endosulfan I

R.T.: 5.133 min
Delta R.T.: 0.005 min
Response: 42253
Conc: 0.03 ng/ml



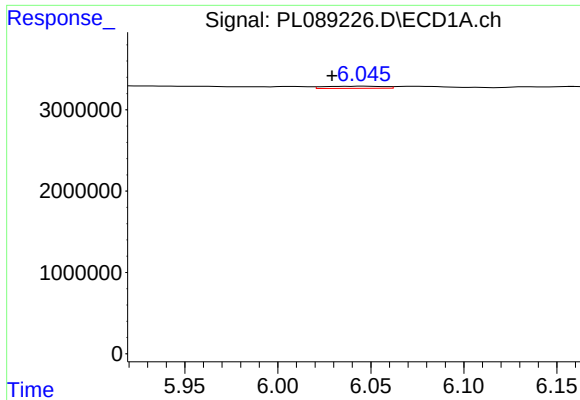
#10 gamma-Chlordane

R.T.: 5.960 min
Delta R.T.: 0.010 min
Response: 456528
Conc: 0.20 ng/ml



#10 gamma-Chlordane

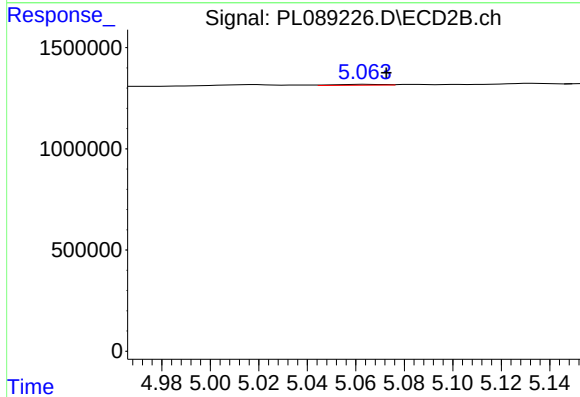
R.T.: 5.019 min
Delta R.T.: 0.010 min
Response: 117590
Conc: 0.07 ng/ml



#11 alpha-Chlordane

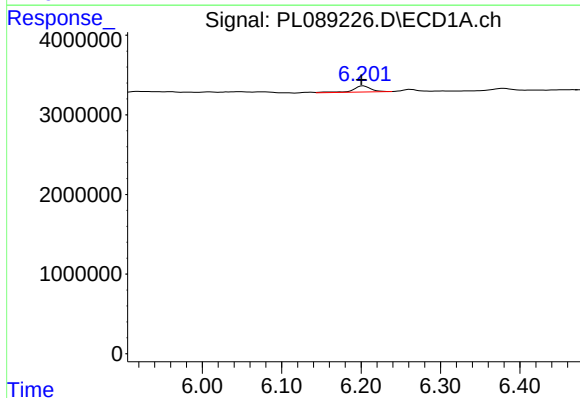
R.T.: 6.046 min
Delta R.T.: 0.017 min
Response: 582696
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



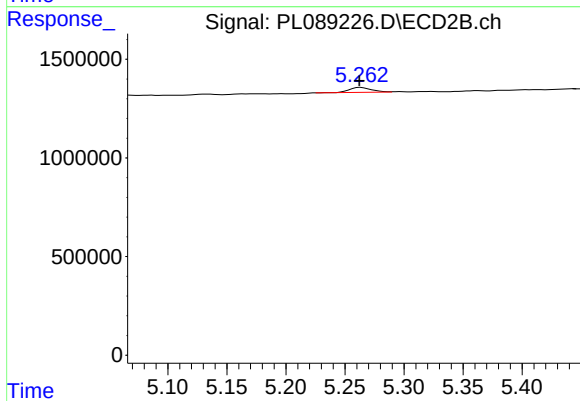
#11 alpha-Chlordane

R.T.: 5.065 min
Delta R.T.: -0.008 min
Response: 59487
Conc: 0.04 ng/ml



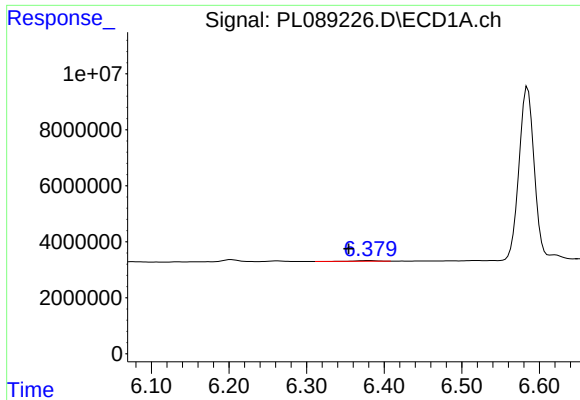
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.002 min
Response: 1173269
Conc: 0.58 ng/ml



#12 4,4'-DDE

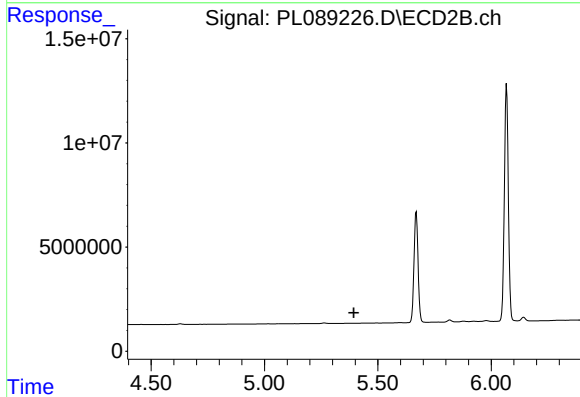
R.T.: 5.263 min
Delta R.T.: 0.001 min
Response: 317923
Conc: 0.22 ng/ml



#13 Dieldrin

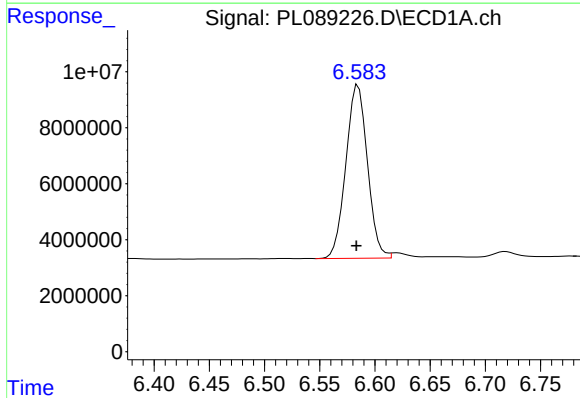
R.T.: 6.380 min
Delta R.T.: 0.026 min
Response: 400841
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



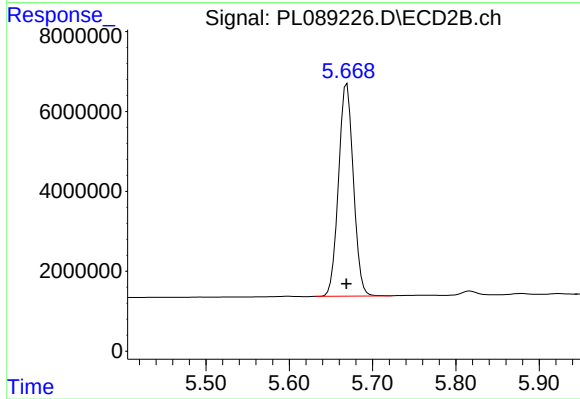
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.394 min
Response: 0
Conc: N.D.



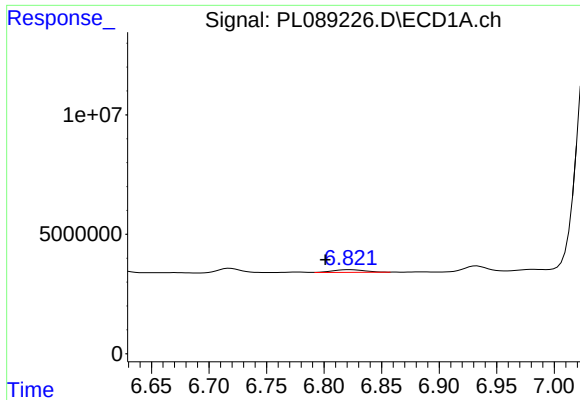
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.002 min
Response: 84248259
Conc: 44.47 ng/ml



#14 Endrin

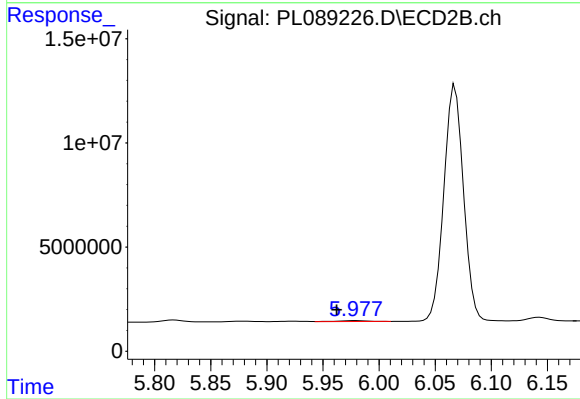
R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 65965430
Conc: 45.88 ng/ml



#15 Endosulfan II

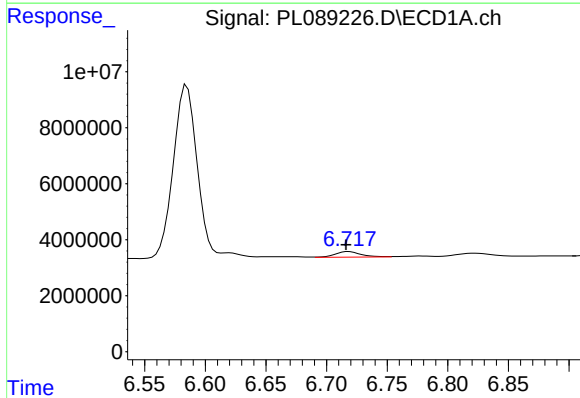
R.T.: 6.822 min
Delta R.T.: 0.021 min
Response: 2139614
Conc: 1.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



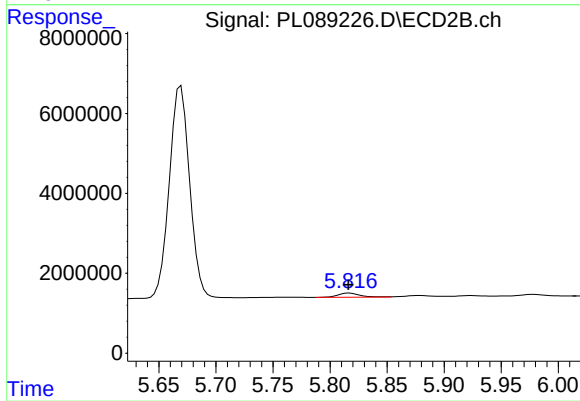
#15 Endosulfan II

R.T.: 5.978 min
Delta R.T.: 0.016 min
Response: 765156
Conc: 0.53 ng/ml



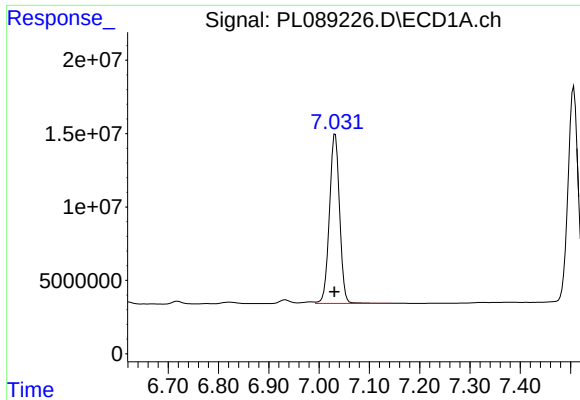
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.002 min
Response: 2985752
Conc: 1.77 ng/ml



#16 4,4'-DDD

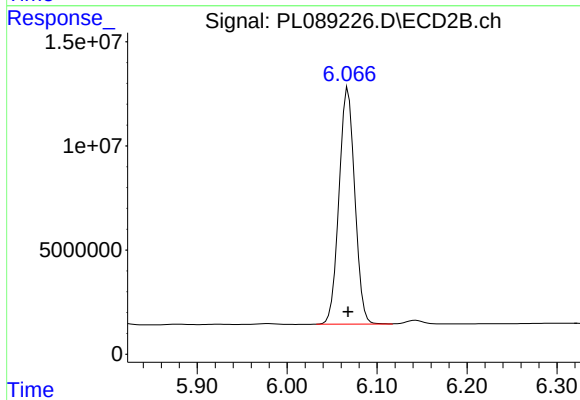
R.T.: 5.817 min
Delta R.T.: 0.001 min
Response: 1394258
Conc: 1.13 ng/ml



#17 4,4'-DDT

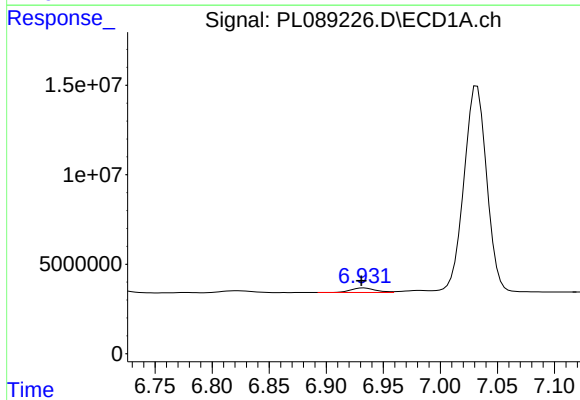
R.T.: 7.032 min
Delta R.T.: 0.002 min
Response: 162039991
Conc: 88.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



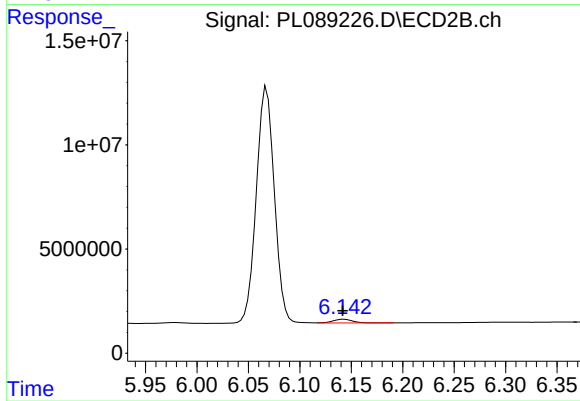
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 138124832
Conc: 102.09 ng/ml



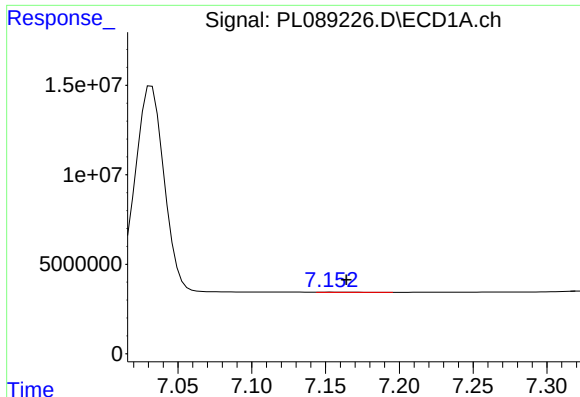
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.002 min
Response: 3670189
Conc: 2.43 ng/ml



#18 Endrin aldehyde

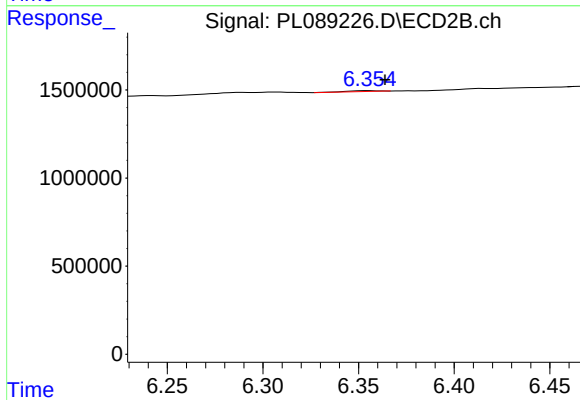
R.T.: 6.143 min
Delta R.T.: 0.001 min
Response: 2348519
Conc: 2.11 ng/ml



#19 Endosulfan Sulfate

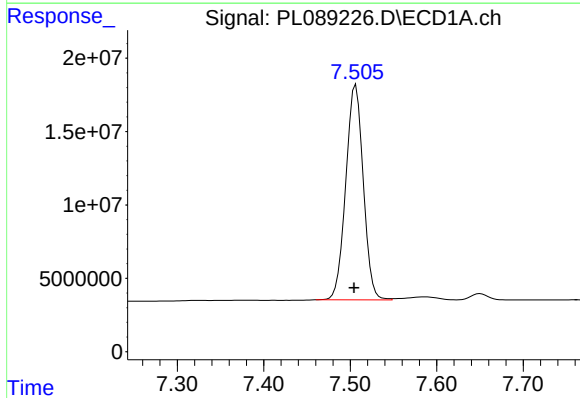
R.T.: 7.153 min
Delta R.T.: -0.011 min
Response: 227772
Conc: 0.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



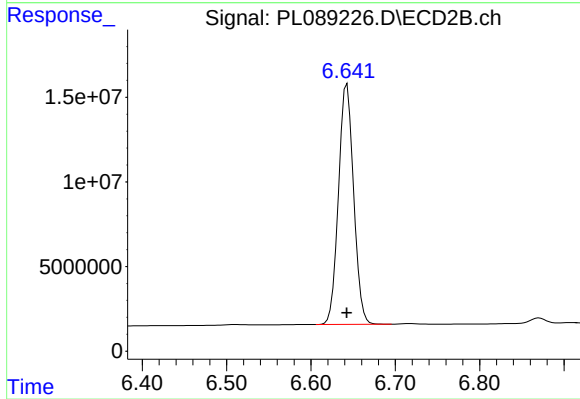
#19 Endosulfan Sulfate

R.T.: 6.355 min
Delta R.T.: -0.009 min
Response: 55986
Conc: 0.04 ng/ml



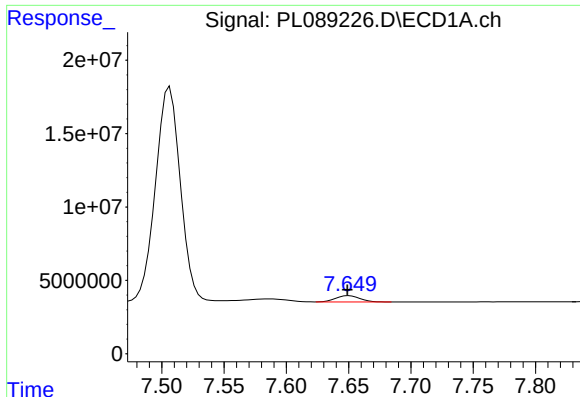
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.002 min
Response: 205001387
Conc: 208.46 ng/ml



#20 Methoxychlor

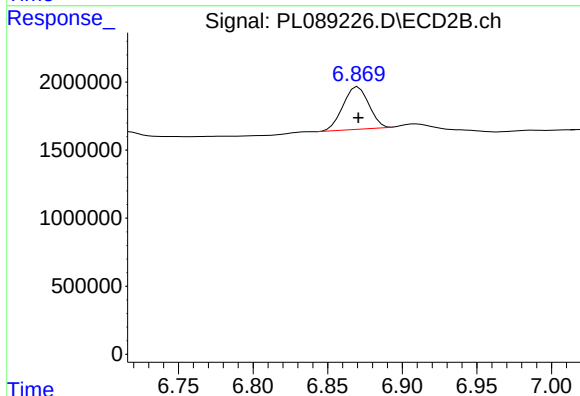
R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 177191173
Conc: 221.60 ng/ml



#21 Endrin ketone

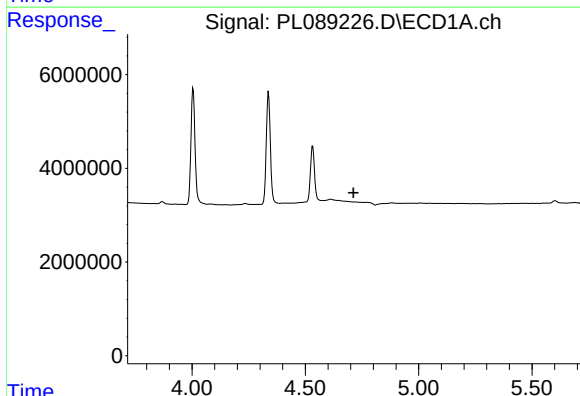
R.T.: 7.650 min
Delta R.T.: 0.001 min
Response: 5802563
Conc: 2.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



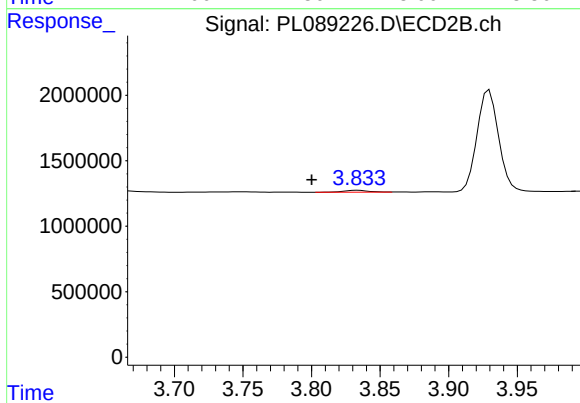
#21 Endrin ketone

R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 3753532
Conc: 2.35 ng/ml



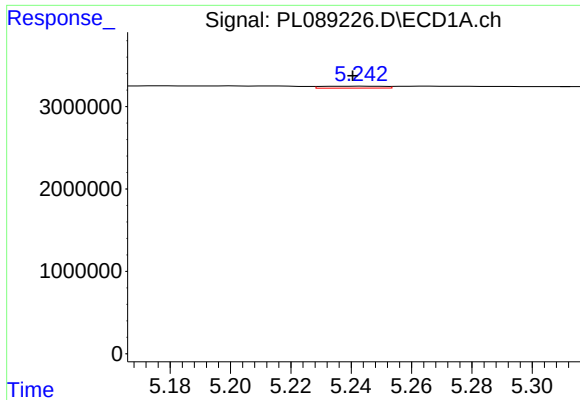
#23 Chlordane-1

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



#23 Chlordane-1

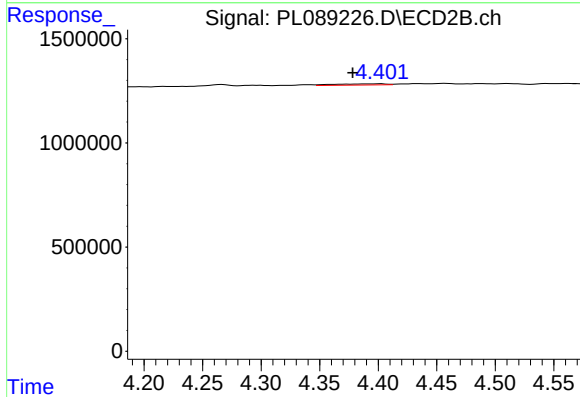
R.T.: 3.834 min
Delta R.T.: 0.034 min
Response: 174971
Conc: 3.56 ng/ml



#24 Chlordane-2

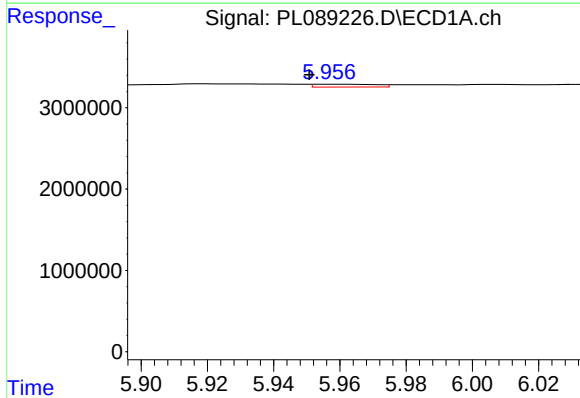
R.T.: 5.244 min
Delta R.T.: 0.003 min
Response: 335711
Conc: 3.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



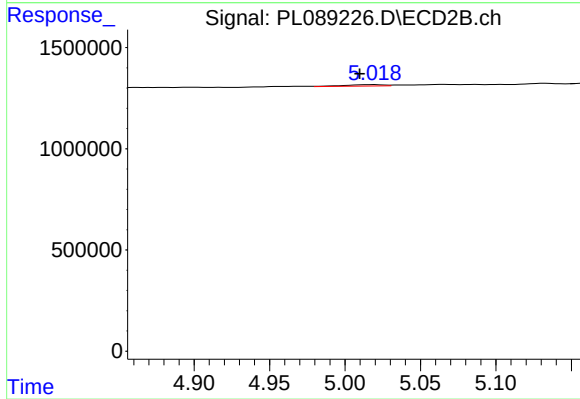
#24 Chlordane-2

R.T.: 4.402 min
Delta R.T.: 0.024 min
Response: 175096
Conc: 2.75 ng/ml



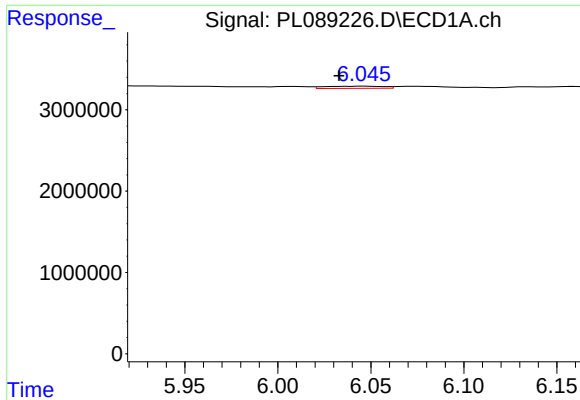
#25 Chlordane-3

R.T.: 5.960 min
Delta R.T.: 0.009 min
Response: 456528
Conc: 1.38 ng/ml



#25 Chlordane-3

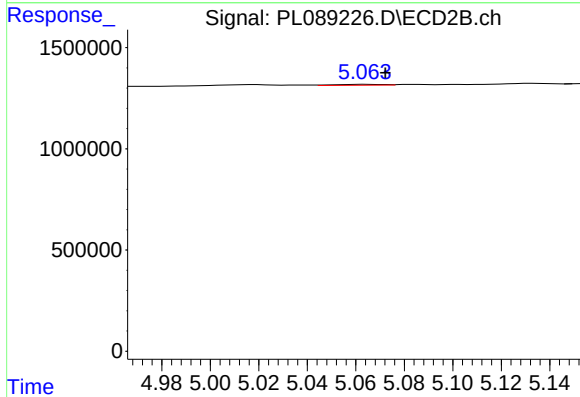
R.T.: 5.019 min
Delta R.T.: 0.009 min
Response: 117590
Conc: 0.69 ng/ml



#26 Chlordane-4

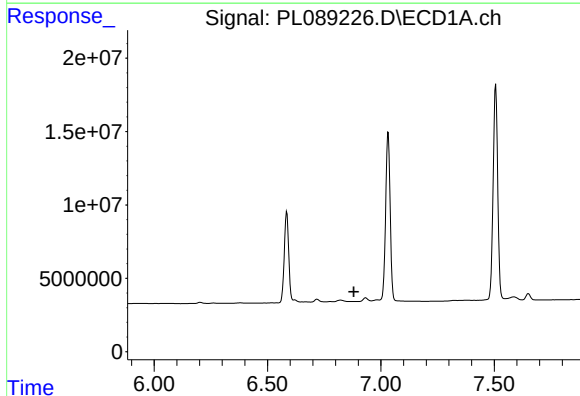
R.T.: 6.046 min
Delta R.T.: 0.013 min
Response: 582696
Conc: 1.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



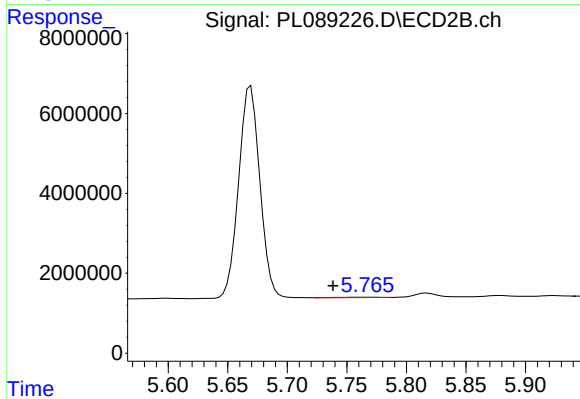
#26 Chlordane-4

R.T.: 5.065 min
Delta R.T.: -0.008 min
Response: 59487
Conc: 0.37 ng/ml



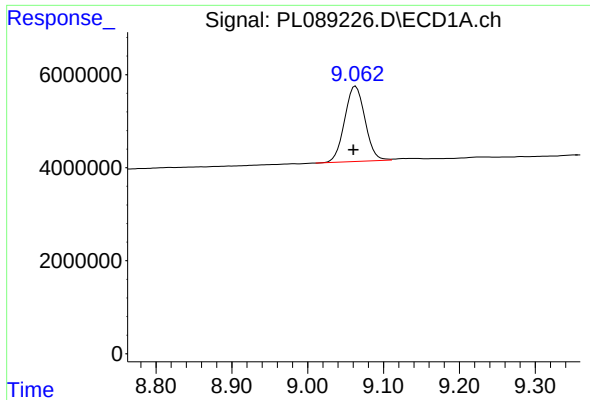
#27 Chlordane-5

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



#27 Chlordane-5

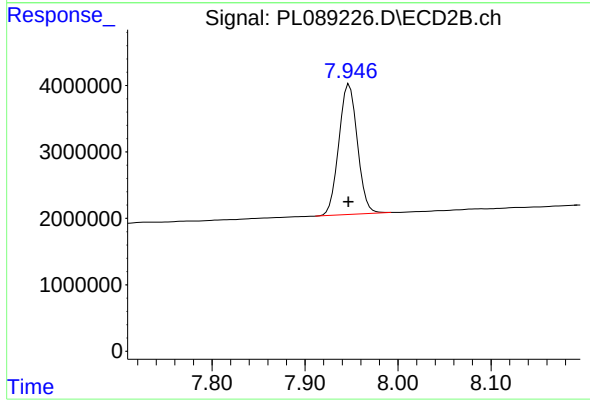
R.T.: 5.758 min
Delta R.T.: 0.020 min
Response: 246243
Conc: 4.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.003 min
Response: 30187644
Conc: 21.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.948 min
Delta R.T.: 0.000 min
Response: 27198742
Conc: 20.22 ng/ml