

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
 Data File : PD087750.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2025 10:49
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 04:21:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 14:33:08 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.555	2.881	41429881	268.9E6	20.795	22.354
28)	SA Decachlor...	9.085	8.082	62099275	298.1E6	20.360	21.091
Target Compounds							
2)	A alpha-BHC	4.004	3.395	39484592	218.8E6	9.811	11.704
3)	MA gamma-BHC...	4.336	3.732	33314851	200.7E6	8.372	11.306 #
4)	MA Heptachlor	4.956f	4.111f	790267	120192	0.212	0.007 #
5)	MB Aldrin	5.274	4.367	21122	20601003	0.006	1.179 #
6)	B beta-BHC	4.520	4.028	17223287	93199302	10.910	12.220
7)	B delta-BHC	4.765	4.267	1248842	10381214	0.310	0.574 #
8)	B Heptachlo...	5.687	4.875	743373	1654592	0.218	0.105 #
9)	A Endosulfan I	6.062f	5.239	437032	13913006	0.139	0.934 #
10)	B gamma-Chl...	5.924f	5.134	3809587	17224790	1.153	1.059
11)	B alpha-Chl...	6.046	5.202	902959	7521873	0.271	0.471 #
12)	B 4,4'-DDE	6.204	5.381	447285	27752481	0.148	1.764 #
13)	MA Dieldrin	6.374f	5.514	439572	275131	0.130	0.017 #
14)	MA Endrin	6.582	5.795	125.0E6	672.7E6	43.134	45.166
15)	B Endosulfa...	6.818f	6.093	950116	5674176	0.331	0.397
16)	A 4,4'-DDD	6.712	5.936	9532995	55563671	3.961	4.202
17)	MA 4,4'-DDT	7.029	6.190	240.3E6	1215.2E6	93.290	90.281
18)	B Endrin al...	6.922	6.264	4381054	28556313	1.891	2.450 #
19)	B Endosulfa...	7.125f	6.486	165754	470768	0.060	0.033 #
20)	A Methoxychlor	7.501	6.762	314.0E6	1368.3E6	213.914	179.035
21)	B Endrin ke...	7.638	6.997	9378044	66988774	3.050	4.293 #
22)	Mirex	8.130	7.214f	17151	2061157	0.007	0.163 #
23)	Chlordane-1	0.000	3.939f	0	1799378	N.D.	3.235 #
24)	Chlordane-2	5.245	4.516f	258736	11315766	1.907	19.148 #
25)	Chlordane-3	5.924f	5.134	3809587	17224790	7.578	9.869 #
26)	Chlordane-4	6.046	5.202	902959	7521873	1.486	5.098 #
27)	Chlordane-5	0.000	6.093	0	5674176	N.D.	8.667 #

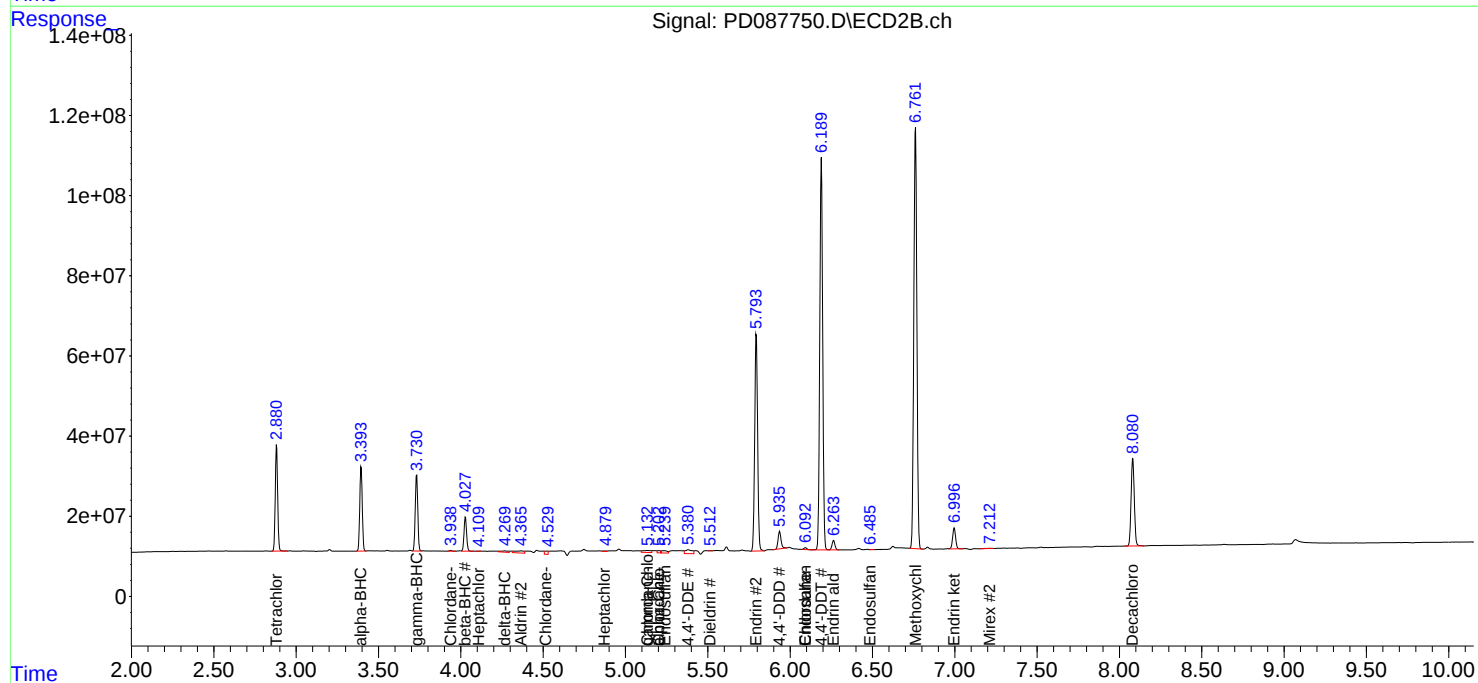
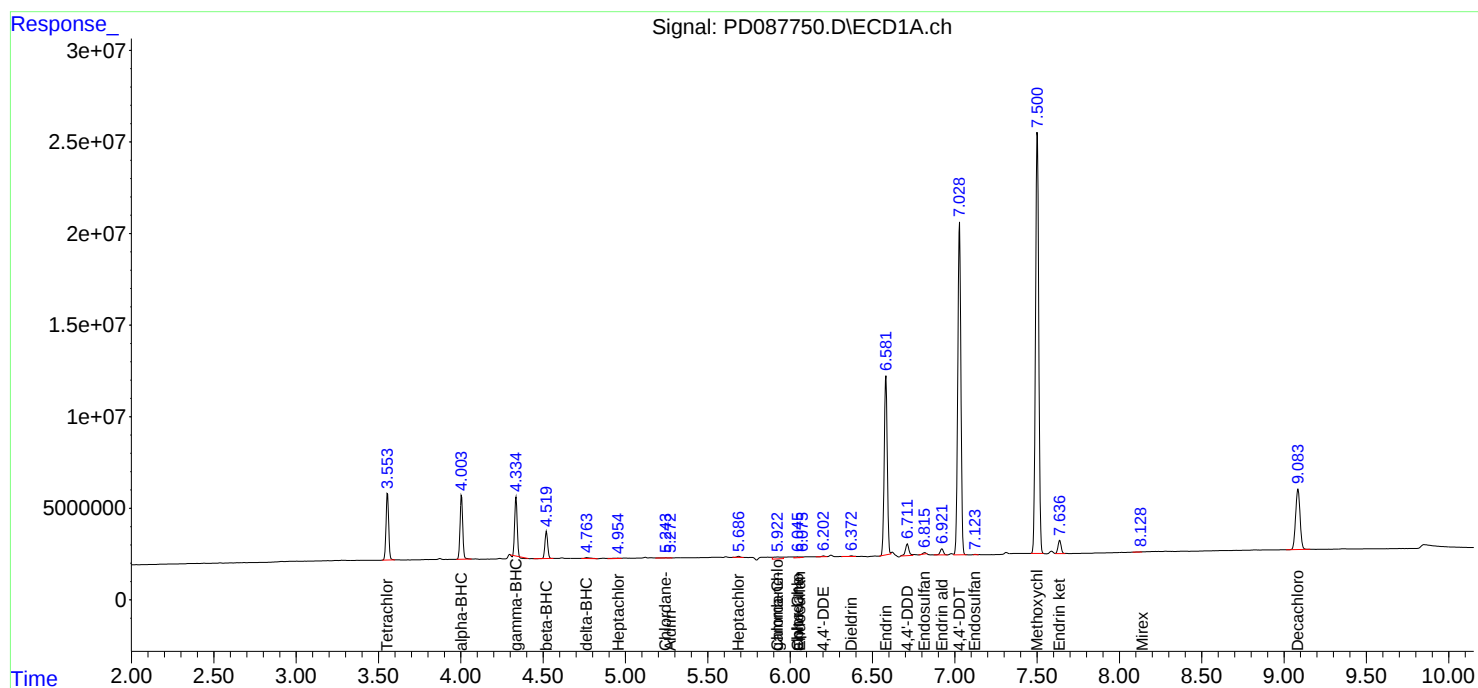
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

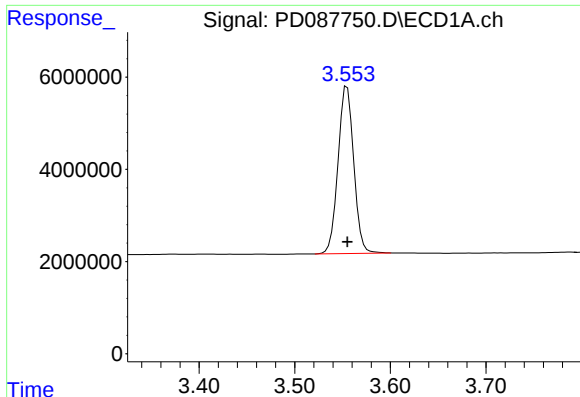
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
Data File : PD087750.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Feb 2025 10:49
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 07 04:21:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
Quant Title : GC Extractables
QLast Update : Wed Jan 22 14:33:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

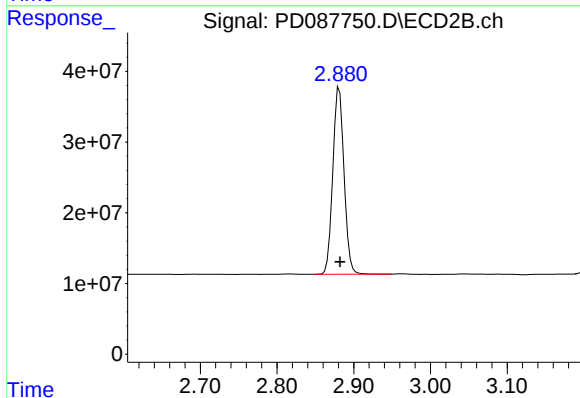




#1 Tetrachloro-m-xylene

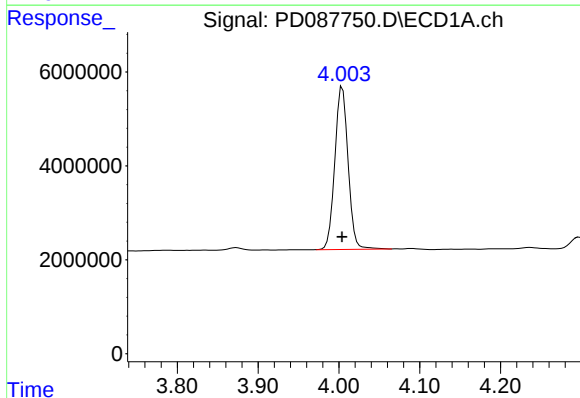
R.T.: 3.555 min
Delta R.T.: 0.000 min
Response: 41429881
Conc: 20.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



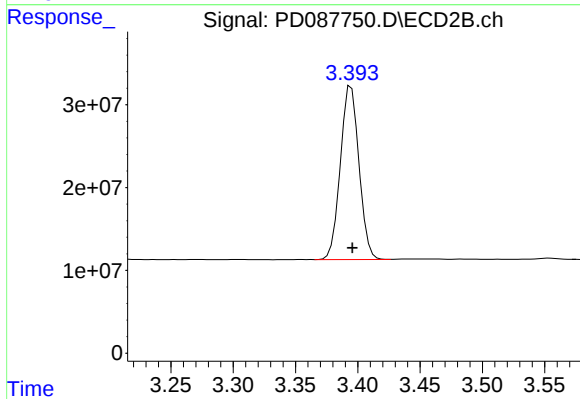
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: -0.001 min
Response: 268850353
Conc: 22.35 ng/ml



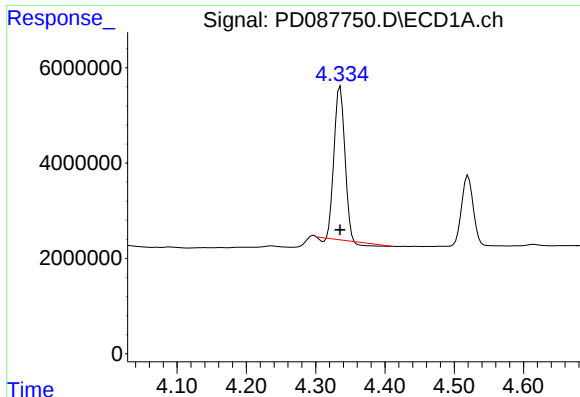
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 39484592
Conc: 9.81 ng/ml



#2 alpha-BHC

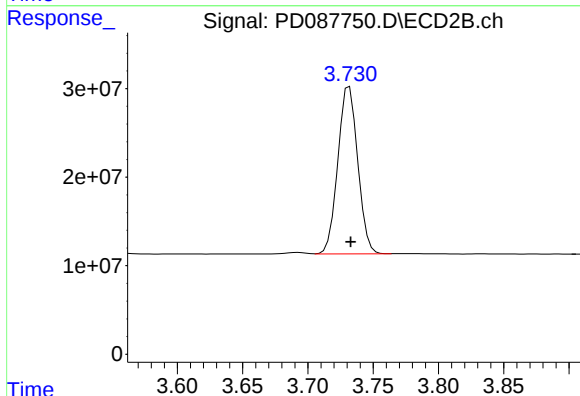
R.T.: 3.395 min
Delta R.T.: -0.001 min
Response: 218762821
Conc: 11.70 ng/ml



#3 gamma-BHC (Lindane)

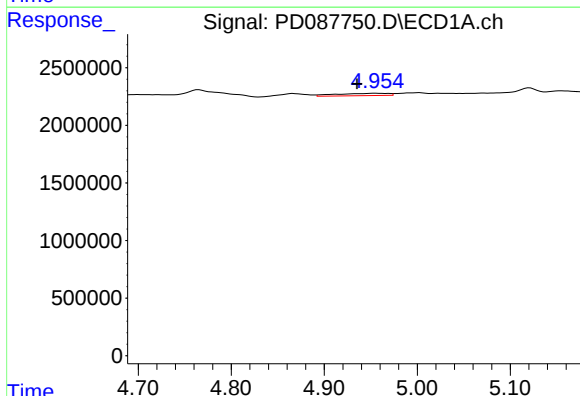
R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 33314851
Conc: 8.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



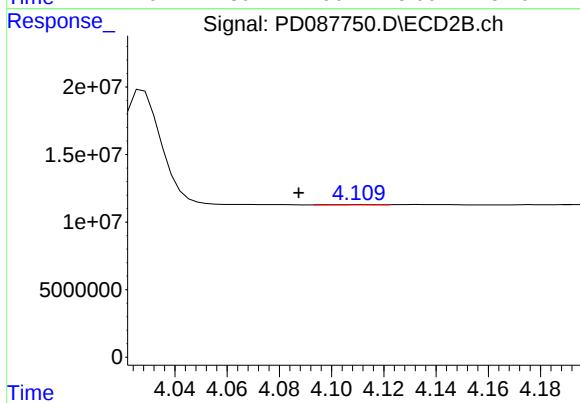
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: -0.001 min
Response: 200733522
Conc: 11.31 ng/ml



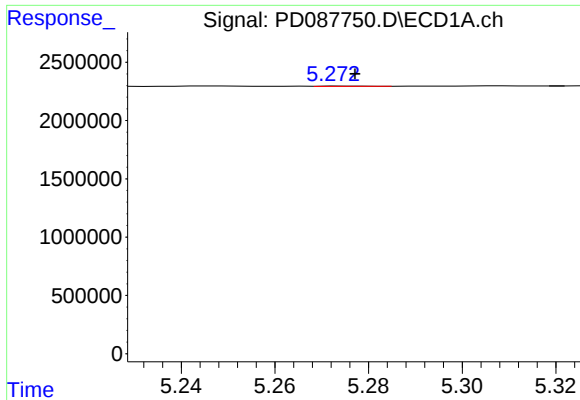
#4 Heptachlor

R.T.: 4.956 min
Delta R.T.: 0.020 min
Response: 790267
Conc: 0.21 ng/ml



#4 Heptachlor

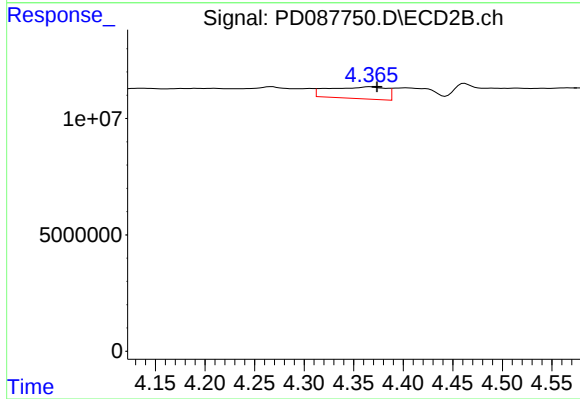
R.T.: 4.111 min
Delta R.T.: 0.024 min
Response: 120192
Conc: 0.01 ng/ml



#5 Aldrin

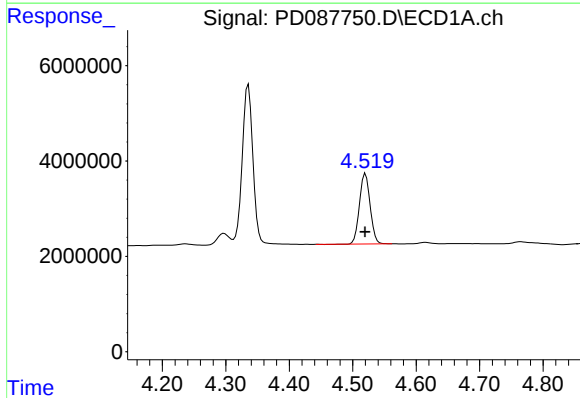
R.T.: 5.274 min
Delta R.T.: -0.003 min
Response: 21122
Conc: 0.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



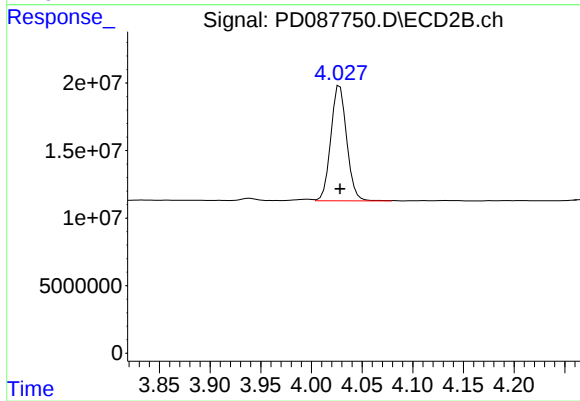
#5 Aldrin

R.T.: 4.367 min
Delta R.T.: -0.007 min
Response: 20601003
Conc: 1.18 ng/ml



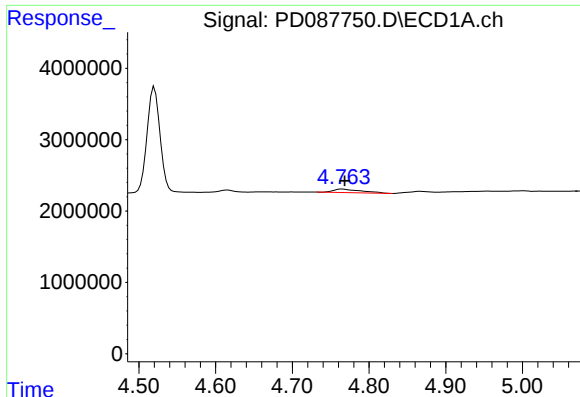
#6 beta-BHC

R.T.: 4.520 min
Delta R.T.: 0.000 min
Response: 17223287
Conc: 10.91 ng/ml



#6 beta-BHC

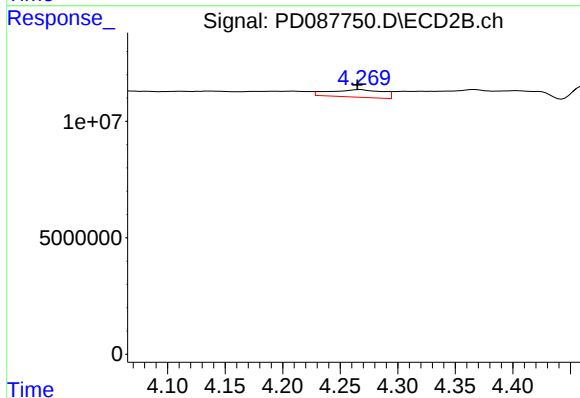
R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 93199302
Conc: 12.22 ng/ml



#7 delta-BHC

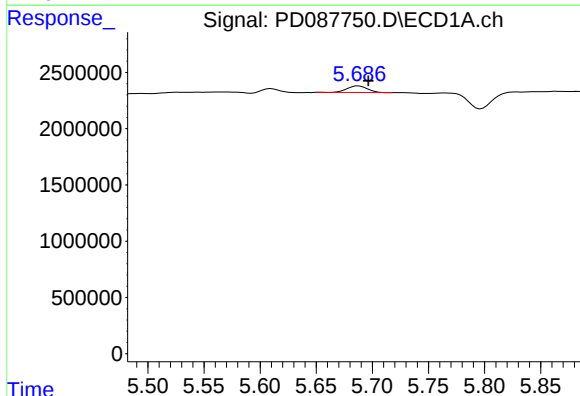
R.T.: 4.765 min
Delta R.T.: -0.003 min
Response: 1248842
Conc: 0.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



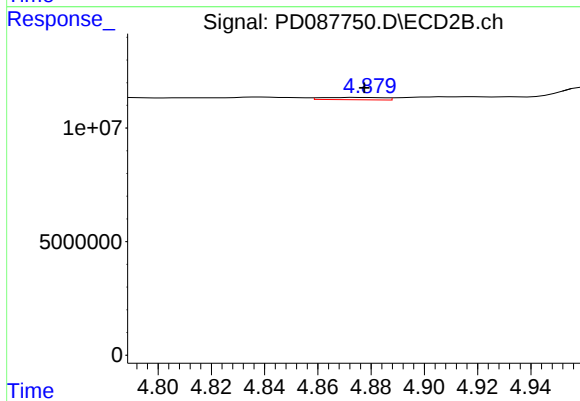
#7 delta-BHC

R.T.: 4.267 min
Delta R.T.: 0.002 min
Response: 10381214
Conc: 0.57 ng/ml



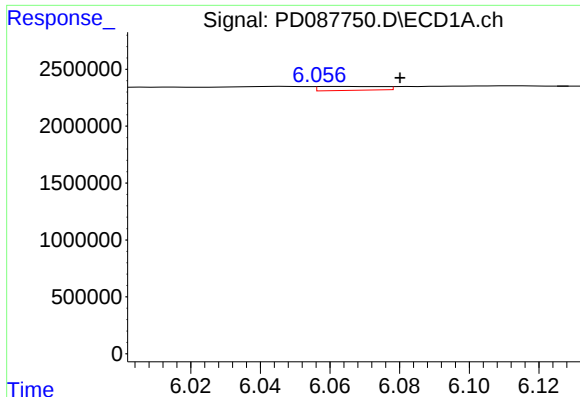
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.009 min
Response: 743373
Conc: 0.22 ng/ml



#8 Heptachlor epoxide

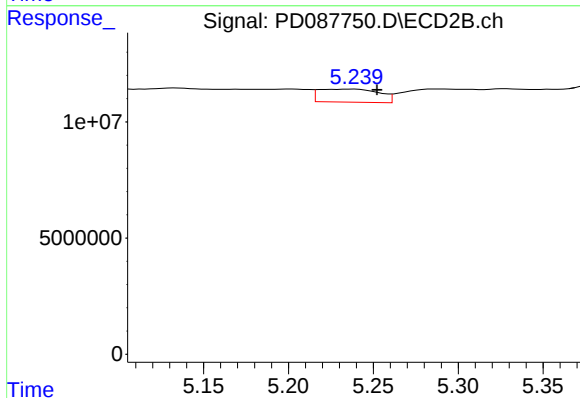
R.T.: 4.875 min
Delta R.T.: -0.003 min
Response: 1654592
Conc: 0.10 ng/ml



#9 Endosulfan I

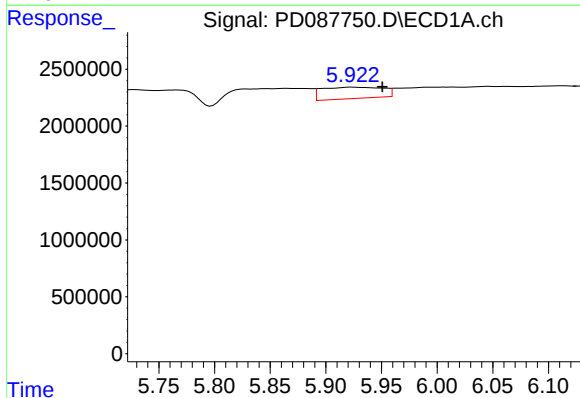
R.T.: 6.062 min
Delta R.T.: -0.018 min
Response: 437032
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



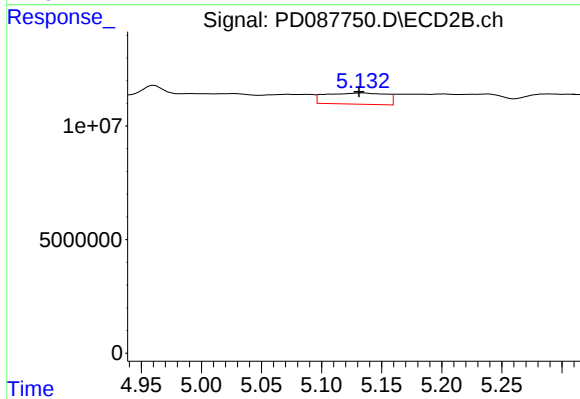
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: -0.014 min
Response: 13913006
Conc: 0.93 ng/ml



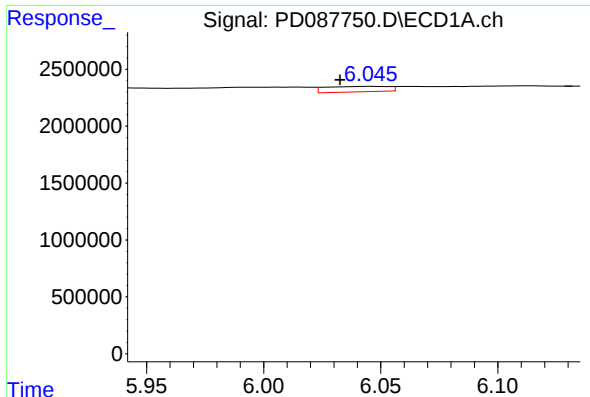
#10 gamma-Chlordane

R.T.: 5.924 min
Delta R.T.: -0.027 min
Response: 3809587
Conc: 1.15 ng/ml



#10 gamma-Chlordane

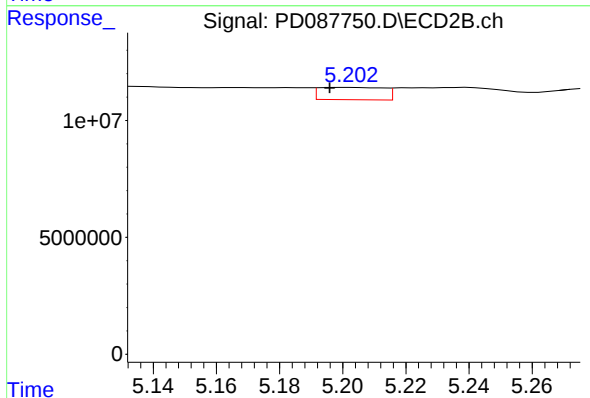
R.T.: 5.134 min
Delta R.T.: 0.002 min
Response: 17224790
Conc: 1.06 ng/ml



#11 alpha-Chlordane

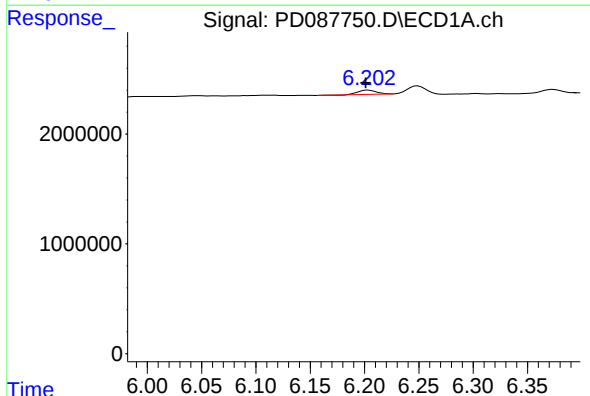
R.T.: 6.046 min
Delta R.T.: 0.013 min
Response: 902959
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



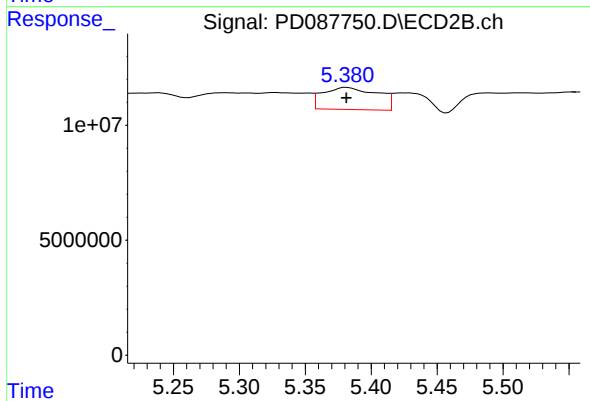
#11 alpha-Chlordane

R.T.: 5.202 min
Delta R.T.: 0.006 min
Response: 7521873
Conc: 0.47 ng/ml



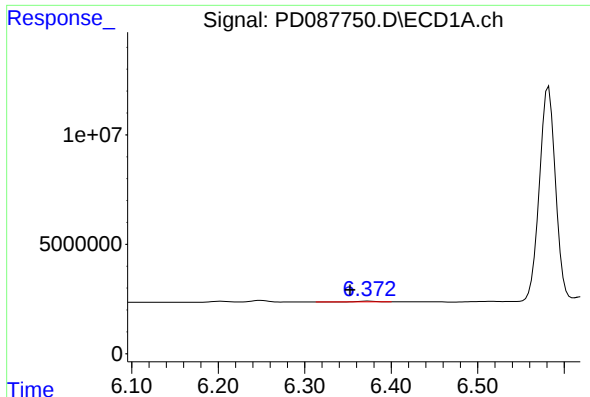
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.002 min
Response: 447285
Conc: 0.15 ng/ml



#12 4,4'-DDE

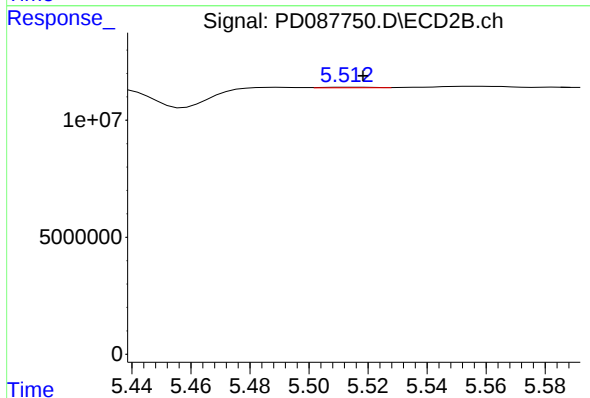
R.T.: 5.381 min
Delta R.T.: 0.000 min
Response: 27752481
Conc: 1.76 ng/ml



#13 Dieldrin

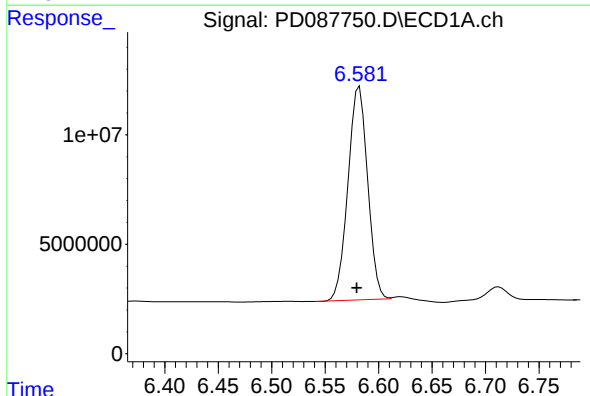
R.T.: 6.374 min
Delta R.T.: 0.021 min
Response: 439572
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



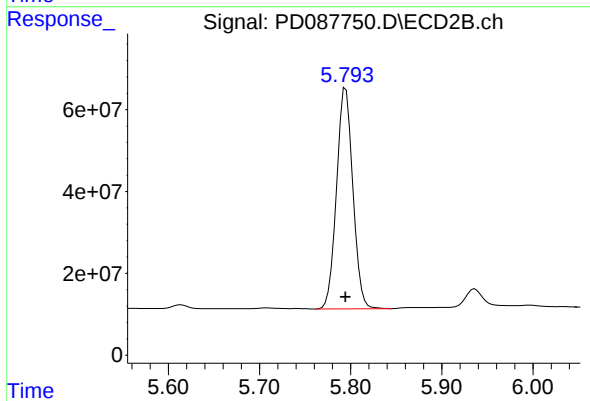
#13 Dieldrin

R.T.: 5.514 min
Delta R.T.: -0.004 min
Response: 275131
Conc: 0.02 ng/ml



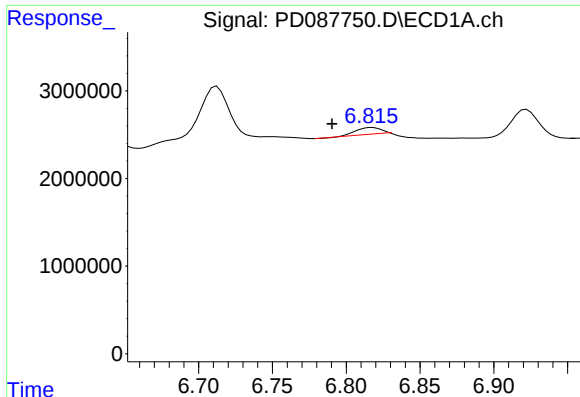
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.003 min
Response: 125000804
Conc: 43.13 ng/ml



#14 Endrin

R.T.: 5.795 min
Delta R.T.: 0.000 min
Response: 672685050
Conc: 45.17 ng/ml



#15 Endosulfan II

R.T.: 6.818 min
Delta R.T.: 0.027 min
Response: 950116
Conc: 0.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

#15 Endosulfan II

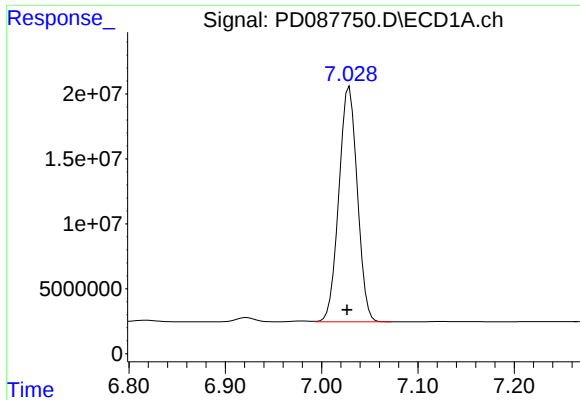
R.T.: 6.093 min
Delta R.T.: 0.008 min
Response: 5674176
Conc: 0.40 ng/ml

#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.002 min
Response: 9532995
Conc: 3.96 ng/ml

#16 4,4'-DDD

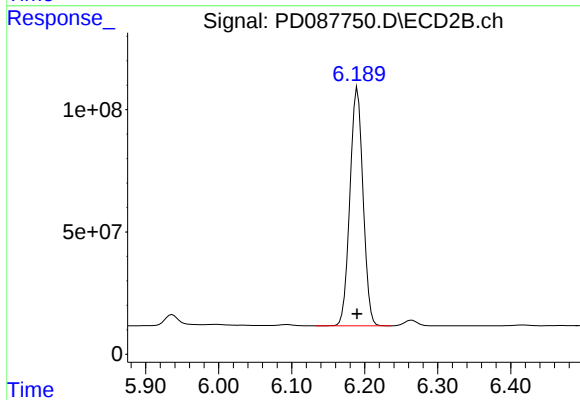
R.T.: 5.936 min
Delta R.T.: 0.001 min
Response: 55563671
Conc: 4.20 ng/ml



#17 4,4'-DDT

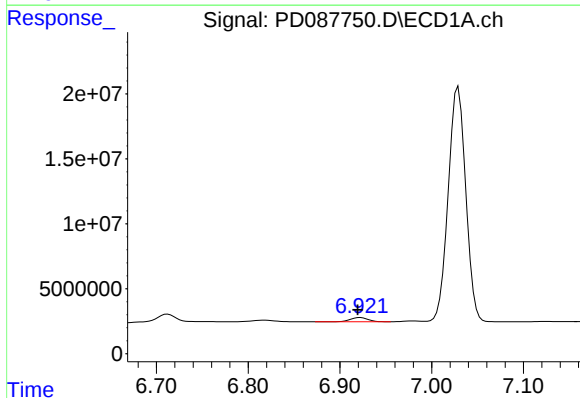
R.T.: 7.029 min
Delta R.T.: 0.003 min
Response: 240281217
Conc: 93.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



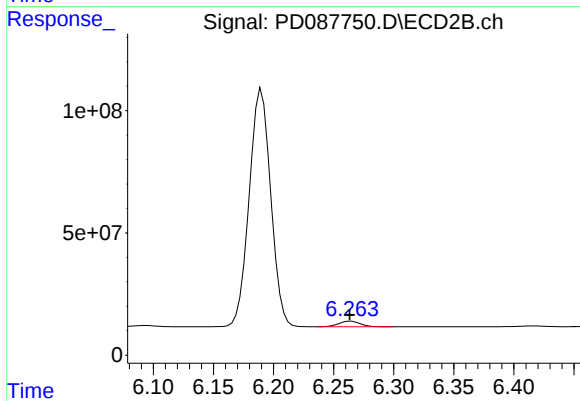
#17 4,4'-DDT

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 1215228349
Conc: 90.28 ng/ml



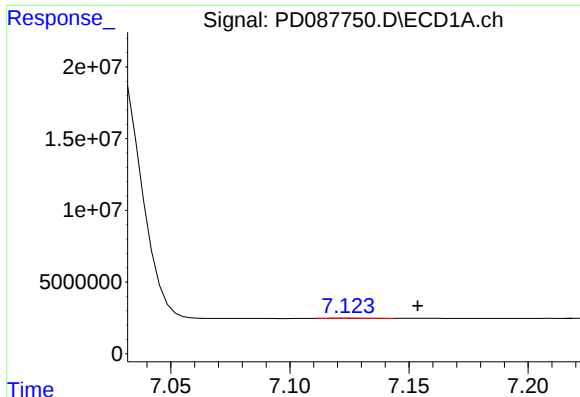
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.003 min
Response: 4381054
Conc: 1.89 ng/ml



#18 Endrin aldehyde

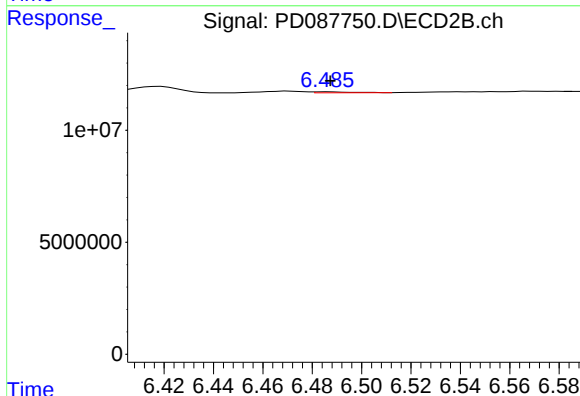
R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 28556313
Conc: 2.45 ng/ml



#19 Endosulfan Sulfate

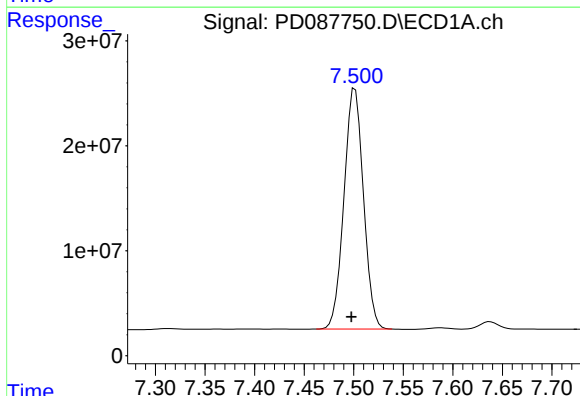
R.T.: 7.125 min
Delta R.T.: -0.029 min
Response: 165754
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



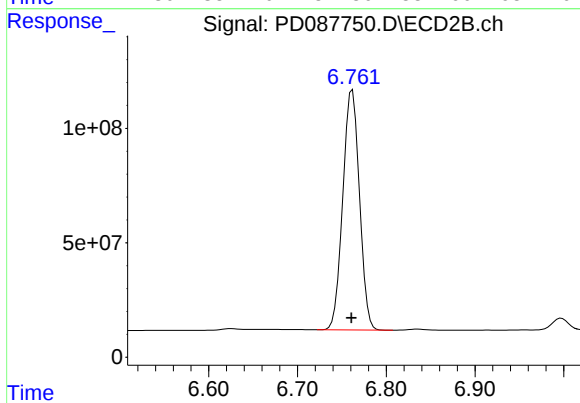
#19 Endosulfan Sulfate

R.T.: 6.486 min
Delta R.T.: -0.001 min
Response: 470768
Conc: 0.03 ng/ml



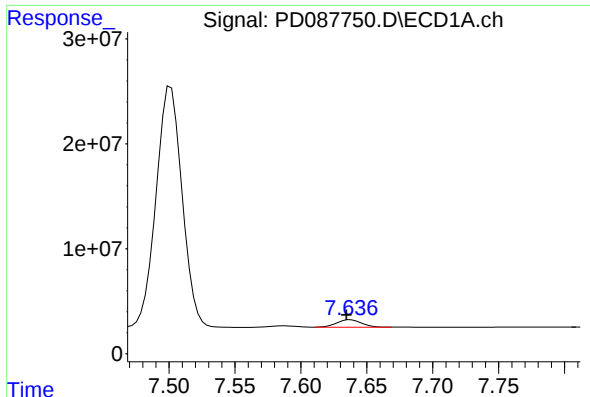
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.004 min
Response: 313992369
Conc: 213.91 ng/ml



#20 Methoxychlor

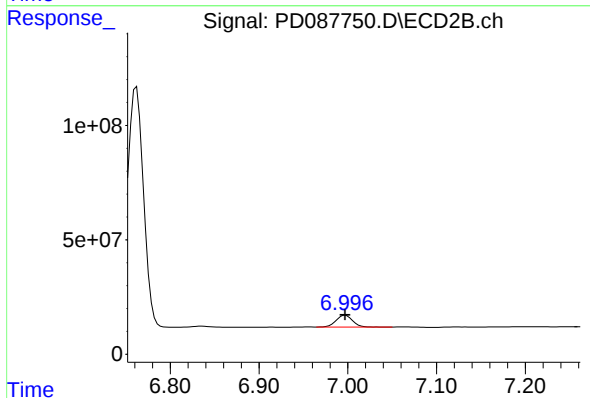
R.T.: 6.762 min
Delta R.T.: 0.001 min
Response: 1368266309
Conc: 179.04 ng/ml



#21 Endrin ketone

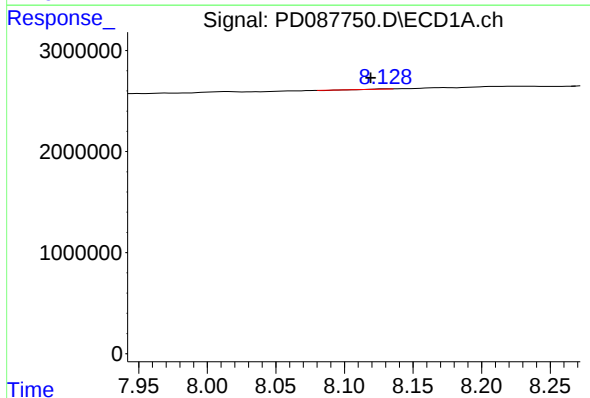
R.T.: 7.638 min
Delta R.T.: 0.003 min
Response: 9378044
Conc: 3.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



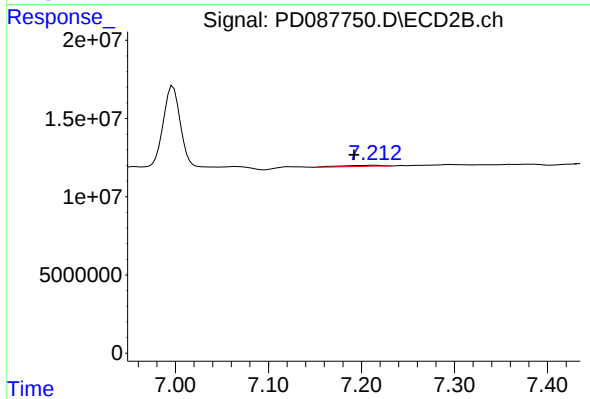
#21 Endrin ketone

R.T.: 6.997 min
Delta R.T.: 0.000 min
Response: 66988774
Conc: 4.29 ng/ml



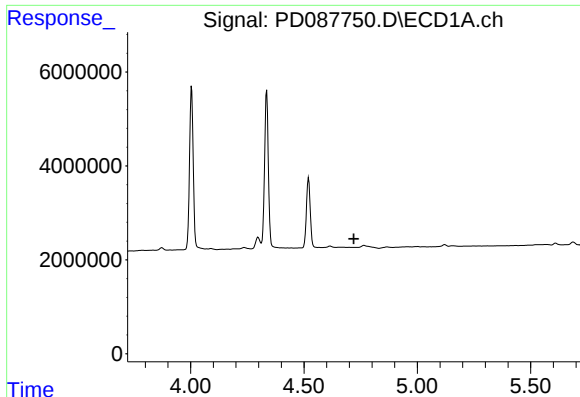
#22 Mirex

R.T.: 8.130 min
Delta R.T.: 0.010 min
Response: 17151
Conc: 0.01 ng/ml



#22 Mirex

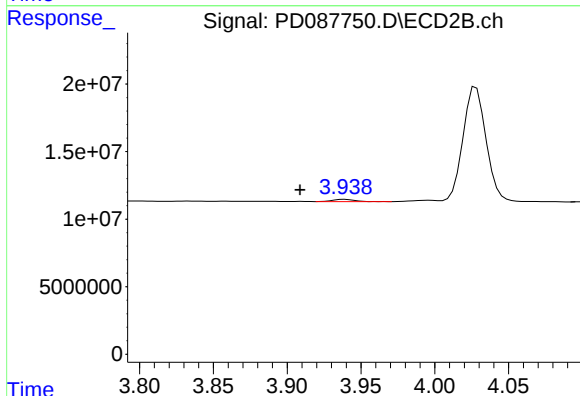
R.T.: 7.214 min
Delta R.T.: 0.022 min
Response: 2061157
Conc: 0.16 ng/ml



#23 Chlordane-1

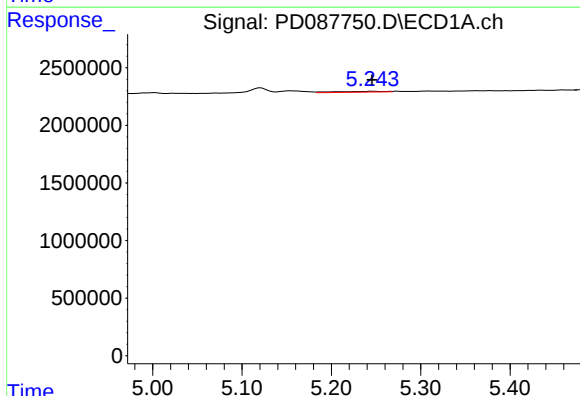
R.T.: 0.000 min
Exp R.T.: 4.720 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



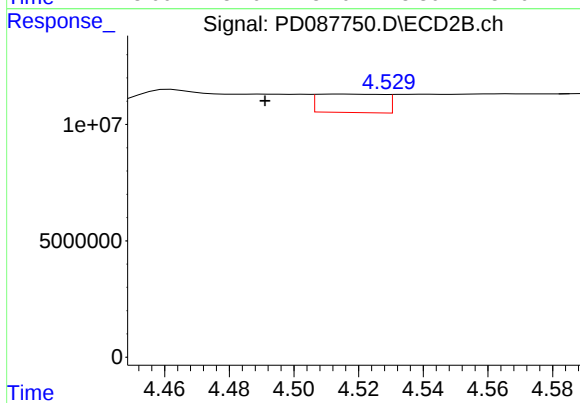
#23 Chlordane-1

R.T.: 3.939 min
Delta R.T.: 0.031 min
Response: 1799378
Conc: 3.24 ng/ml



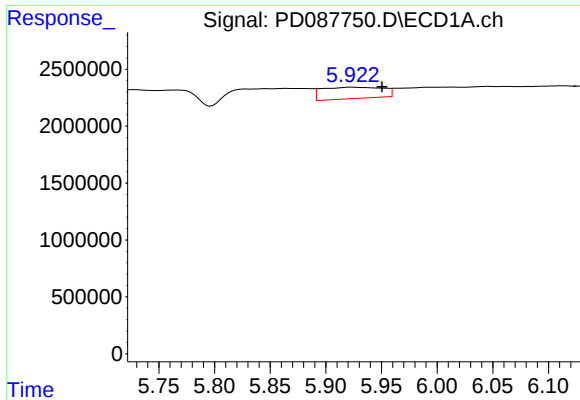
#24 Chlordane-2

R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 258736
Conc: 1.91 ng/ml



#24 Chlordane-2

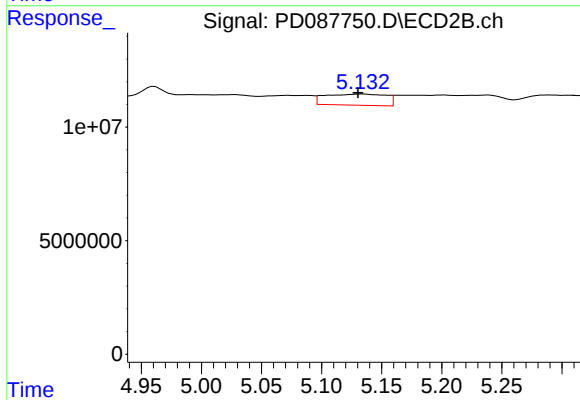
R.T.: 4.516 min
Delta R.T.: 0.025 min
Response: 11315766
Conc: 19.15 ng/ml



#25 Chlordane-3

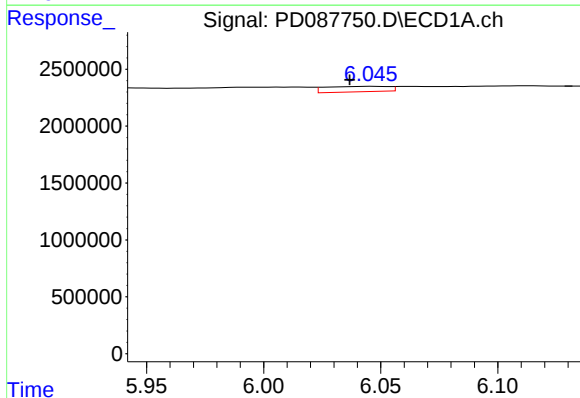
R.T.: 5.924 min
Delta R.T.: -0.027 min
Response: 3809587
Conc: 7.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



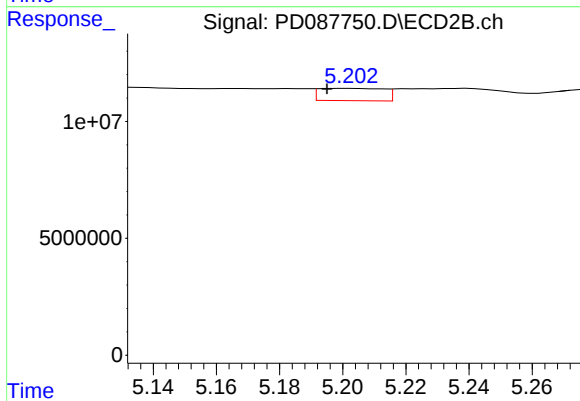
#25 Chlordane-3

R.T.: 5.134 min
Delta R.T.: 0.003 min
Response: 17224790
Conc: 9.87 ng/ml



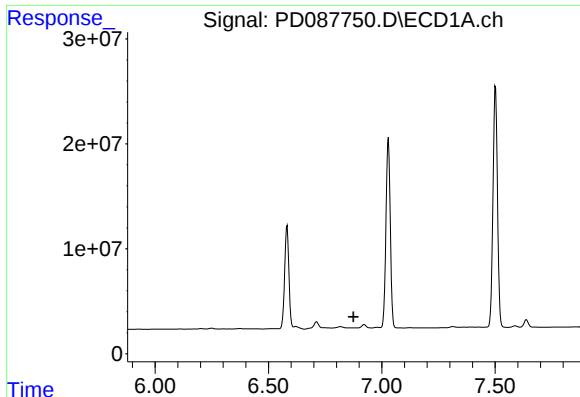
#26 Chlordane-4

R.T.: 6.046 min
Delta R.T.: 0.009 min
Response: 902959
Conc: 1.49 ng/ml



#26 Chlordane-4

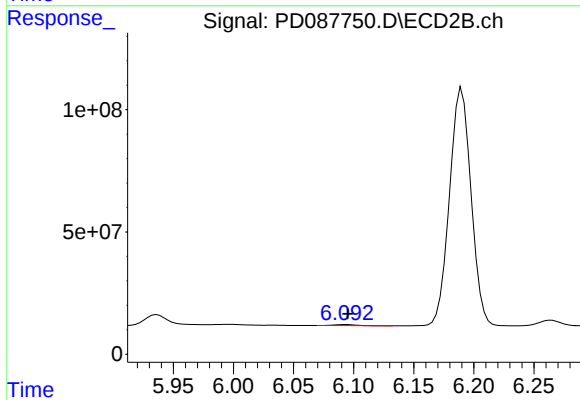
R.T.: 5.202 min
Delta R.T.: 0.007 min
Response: 7521873
Conc: 5.10 ng/ml



#27 Chlordane-5

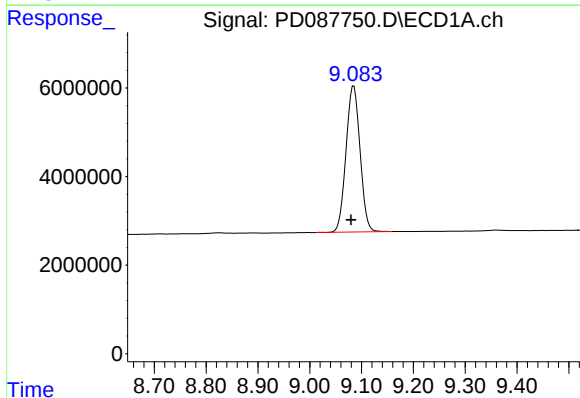
R.T.: 0.000 min
Exp R.T.: 6.876 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



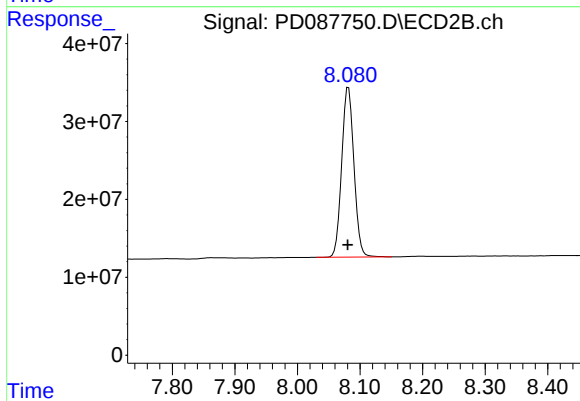
#27 Chlordane-5

R.T.: 6.093 min
Delta R.T.: -0.002 min
Response: 5674176
Conc: 8.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.005 min
Response: 62099275
Conc: 20.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: 0.001 min
Response: 298059161
Conc: 21.09 ng/ml