

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080125\
 Data File : PD089708.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 09:40
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 01:48:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 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...	3.547	2.877	52914379	347.5E6	21.452	21.944
28)	SA Decachlor...	9.068	8.066	85125205	465.9E6	22.906	23.206
Target Compounds							
2)	A alpha-BHC	3.997	3.389	50229153	285.8E6	10.140	11.759
3)	MA gamma-BHC...	4.327	3.725	49912535	265.7E6	10.503	11.795
4)	MA Heptachlor	0.000	4.078	0	1463096	N.D.	0.063 #
5)	MB Aldrin	5.283	4.361	8315	1170944	0.002	0.053 #
6)	B beta-BHC	4.514	4.021	20824747	115.3E6	11.289	11.954
7)	B delta-BHC	4.759	4.257	957311	184203	0.209	0.008 #
8)	B Heptachlo...	5.679	4.857	1872708	540658	0.448	0.026 #
9)	A Endosulfan I	6.067	5.226f	84527	1883534	0.021	0.096 #
10)	B gamma-Chl...	5.942	5.121	339717	6325459	0.081	0.292 #
11)	B alpha-Chl...	6.030	5.186	840389	5952778	0.200	0.286 #
12)	B 4,4'-DDE	6.198	5.370	189678	1651847	0.051	0.078 #
13)	MA Dieldrin	6.369f	5.509	51203	320703	0.012	0.015
14)	MA Endrin	6.571	5.784	203.8E6	1083.0E6	56.964	54.353
15)	B Endosulfa...	6.802f	6.083	1581330	2518842	0.431	0.134 #
16)	A 4,4'-DDD	6.702	5.926	4638802	17160776	1.549	0.973 #
17)	MA 4,4'-DDT	7.018	6.178	380.5E6	2015.0E6	113.249	109.672
18)	B Endrin al...	6.914	6.251	755783	11226477	0.303	0.869 #
19)	B Endosulfa...	0.000	6.480	0	246831	N.D.	0.013 #
20)	A Methoxychlor	7.490	6.748	480.2E6	2256.8E6	268.545	230.389
21)	B Endrin ke...	7.627	6.984	2198935	19223069	0.592	0.958 #
22)	Mirex	8.118	7.170	141634	2304070	0.051	0.151 #
23)	Chlordane-1	0.000	3.899	0	669935	N.D.	0.916 #
24)	Chlordane-2	5.253	4.485	301429	3803024	1.774	4.975 #
25)	Chlordane-3	5.942	5.121	339717	6325459	0.495	2.733 #
26)	Chlordane-4	6.030	5.186	840389	5952778	1.004	2.992 #
27)	Chlordane-5	6.870	6.083	198068	2518842	1.373	2.784 #

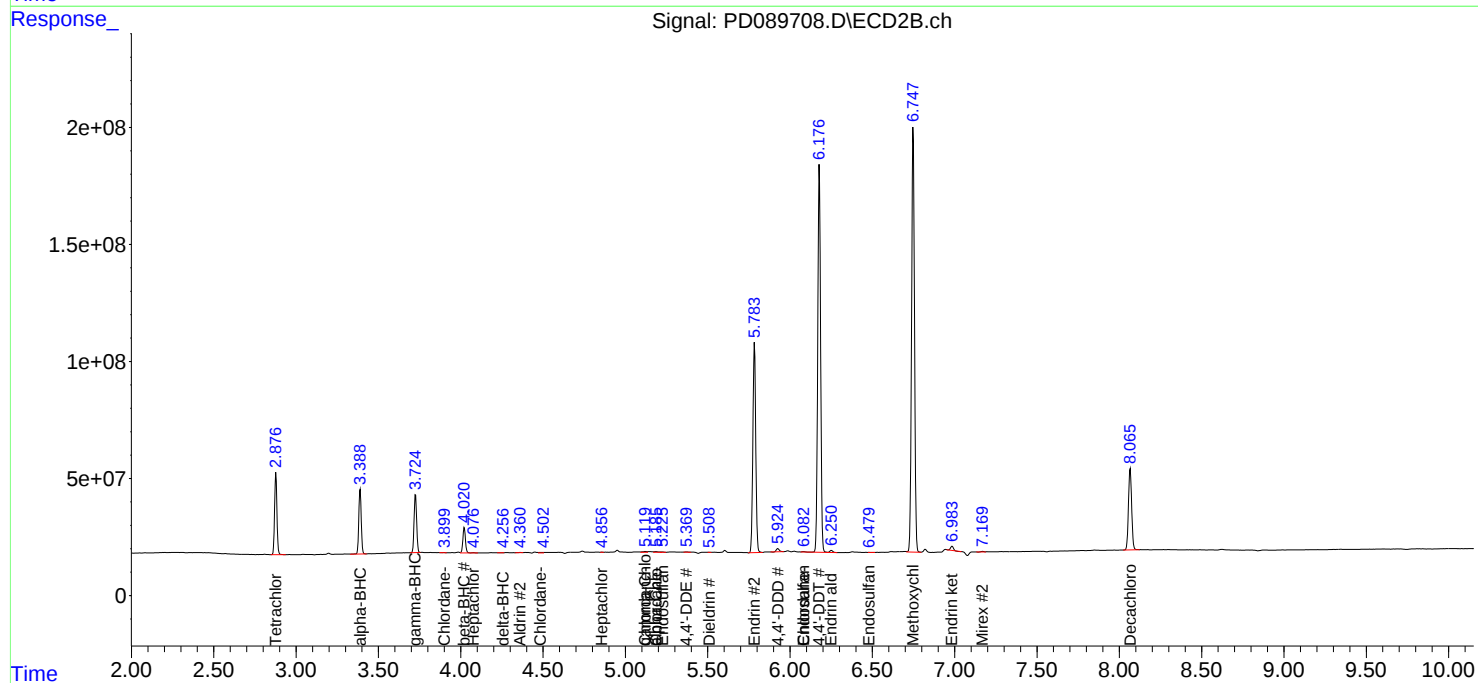
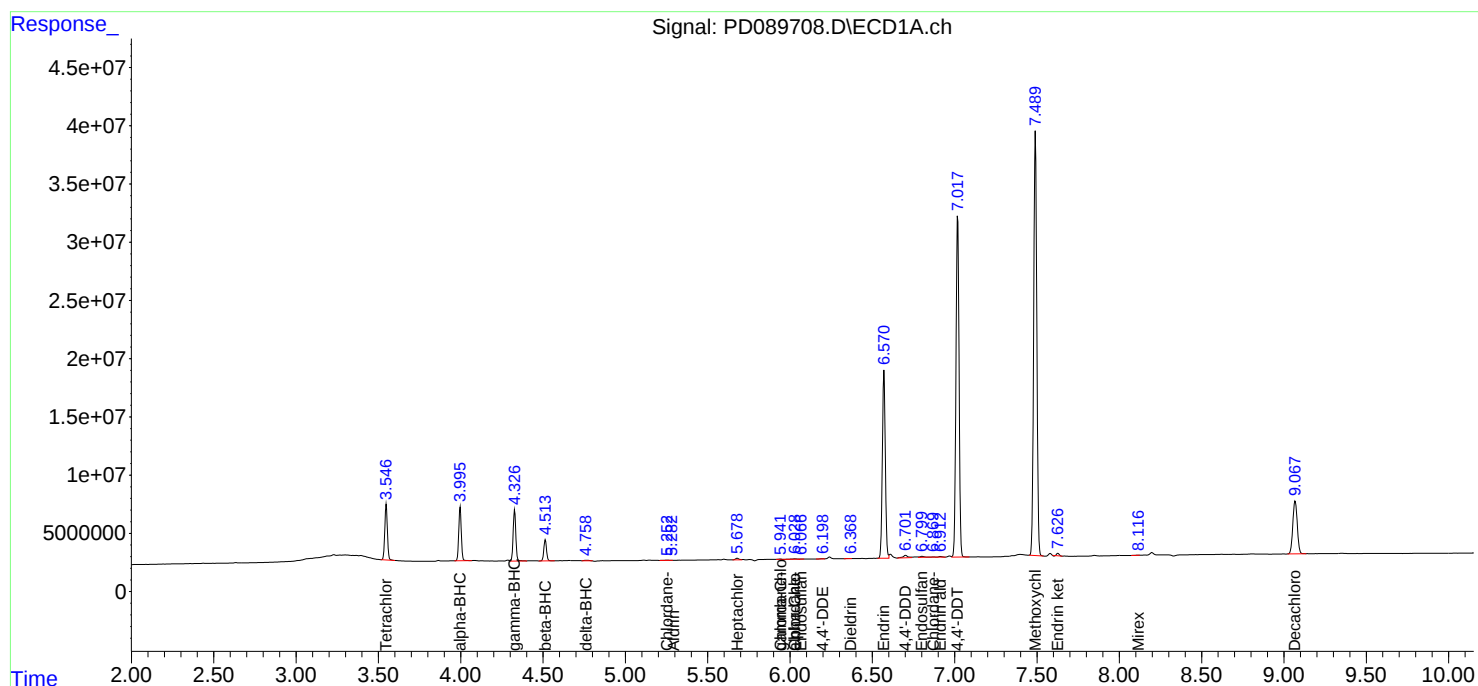
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

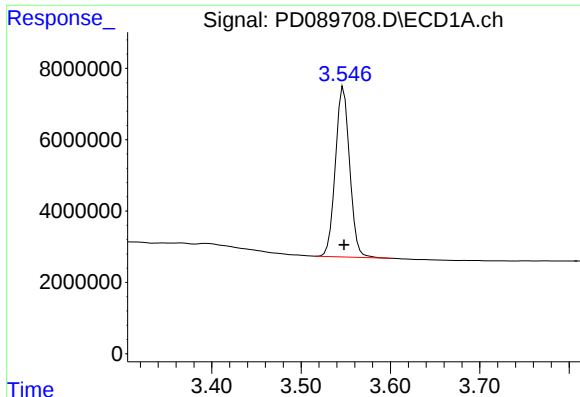
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080125\
Data File : PD089708.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 09:40
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:48:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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

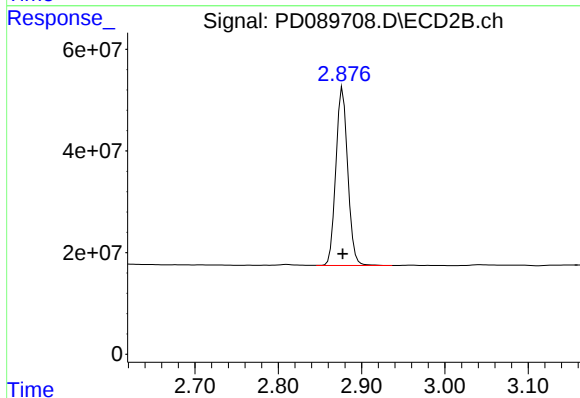




#1 Tetrachloro-m-xylene

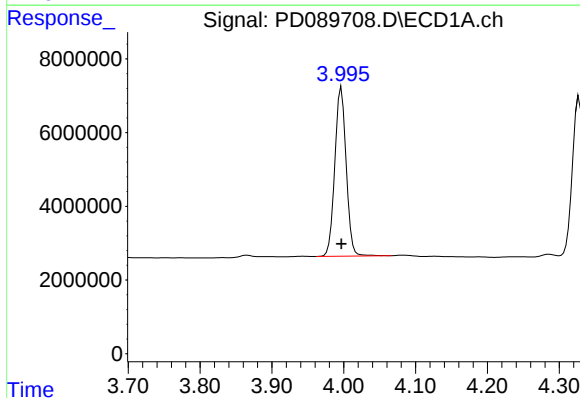
R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 52914379
Conc: 21.45 ng/ml

Instrument :
ECD_D
ClientSampleId :



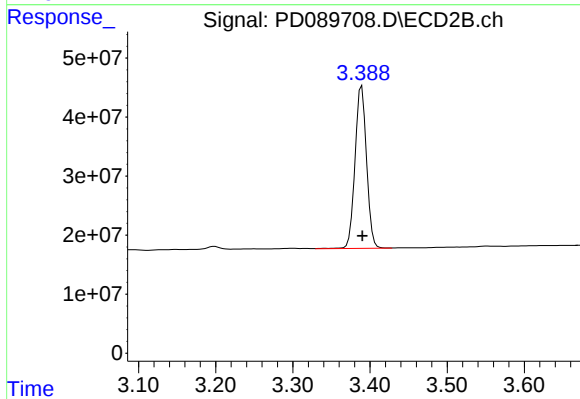
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 347548430
Conc: 21.94 ng/ml



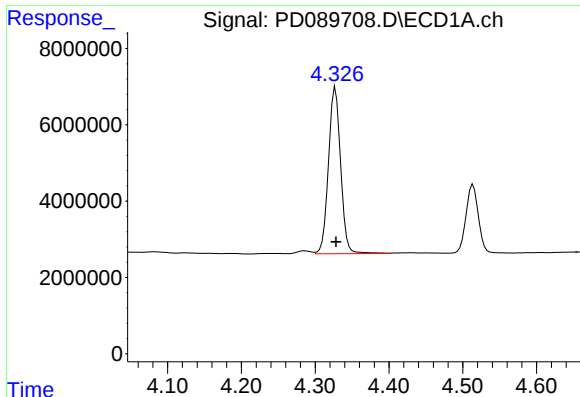
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 50229153
Conc: 10.14 ng/ml



#2 alpha-BHC

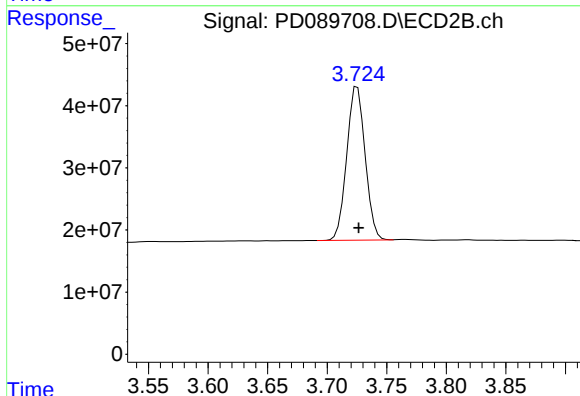
R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 285797131
Conc: 11.76 ng/ml



#3 gamma-BHC (Lindane)

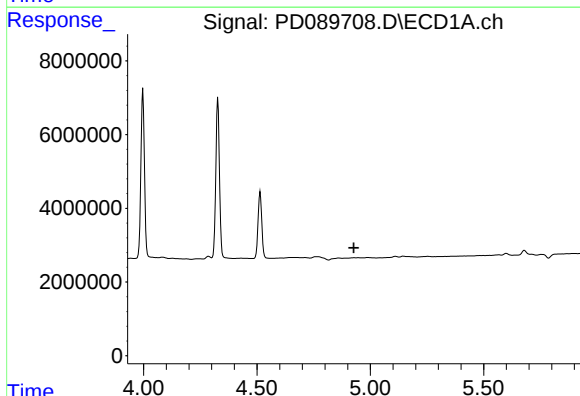
R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 49912535
Conc: 10.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



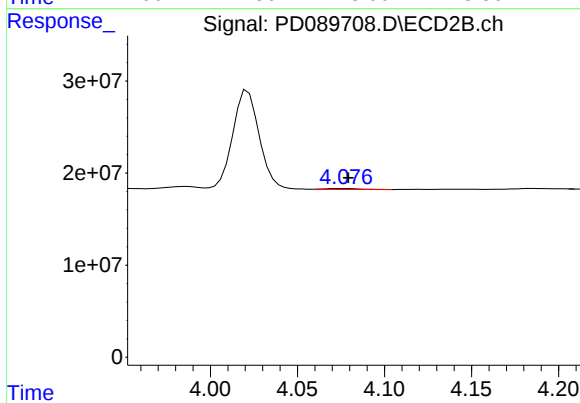
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: -0.001 min
Response: 265673619
Conc: 11.80 ng/ml



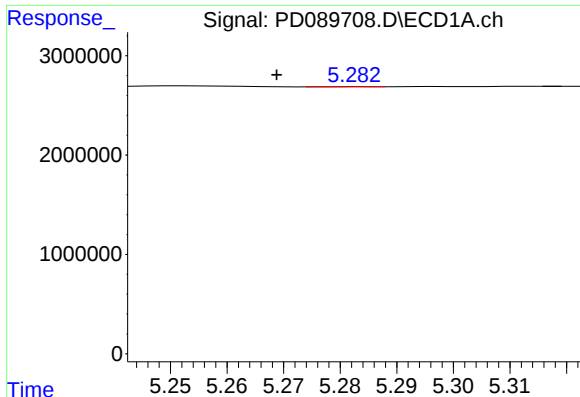
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.927 min
Response: 0
Conc: N.D.



#4 Heptachlor

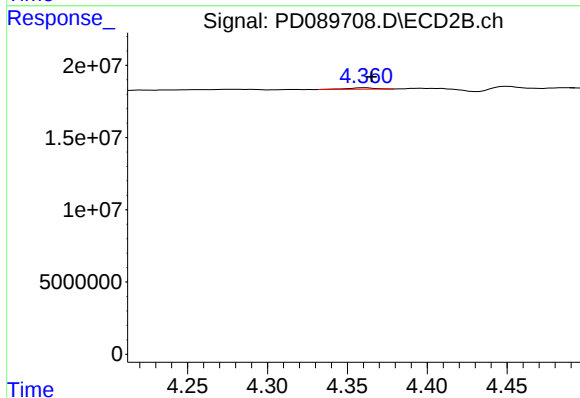
R.T.: 4.078 min
Delta R.T.: -0.001 min
Response: 1463096
Conc: 0.06 ng/ml



#5 Aldrin

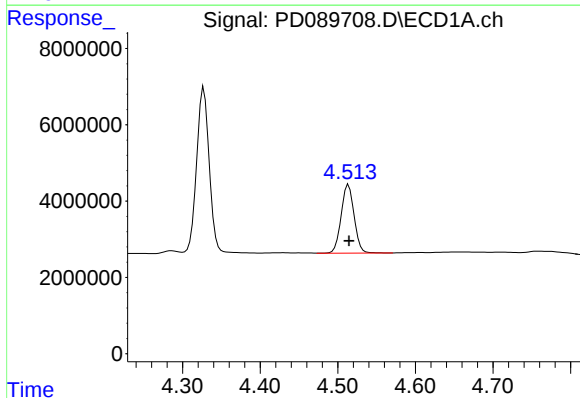
R.T.: 5.283 min
Delta R.T.: 0.014 min
Response: 8315
Conc: 0.00 ng/ml

Instrument :
ECD_D
ClientSampleId :



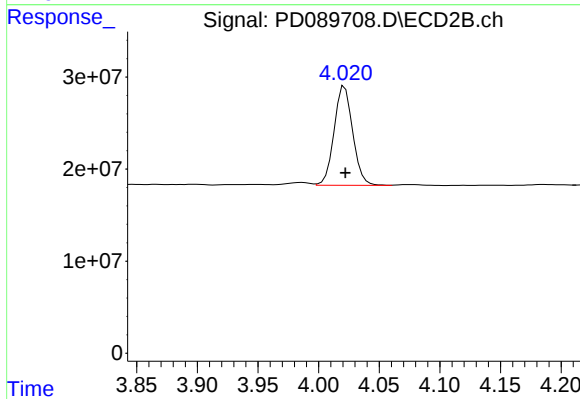
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: -0.004 min
Response: 1170944
Conc: 0.05 ng/ml



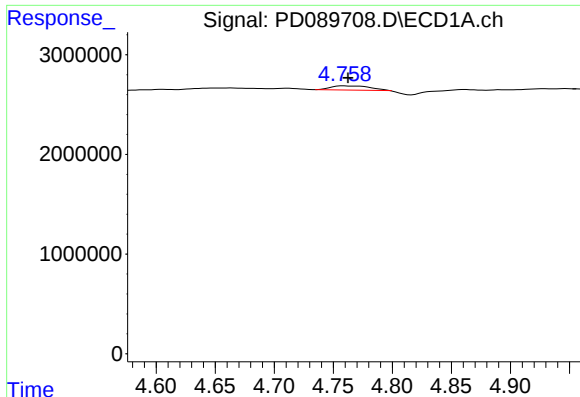
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 20824747
Conc: 11.29 ng/ml



#6 beta-BHC

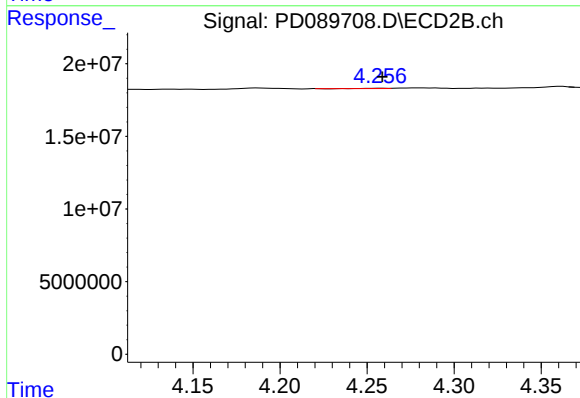
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 115340407
Conc: 11.95 ng/ml



#7 delta-BHC

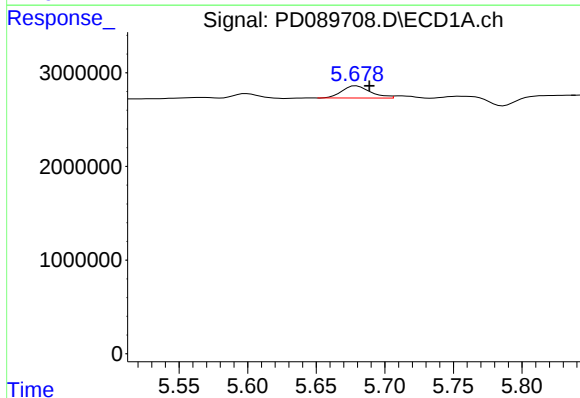
R.T.: 4.759 min
Delta R.T.: -0.004 min
Response: 957311
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



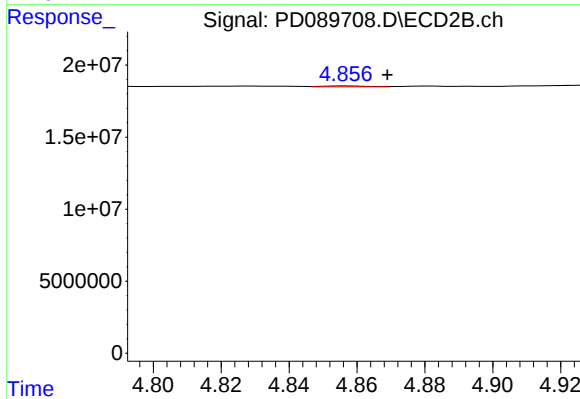
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: -0.002 min
Response: 184203
Conc: 0.01 ng/ml



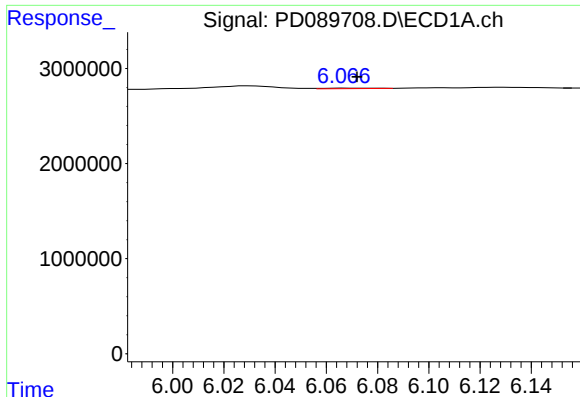
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.009 min
Response: 1872708
Conc: 0.45 ng/ml



#8 Heptachlor epoxide

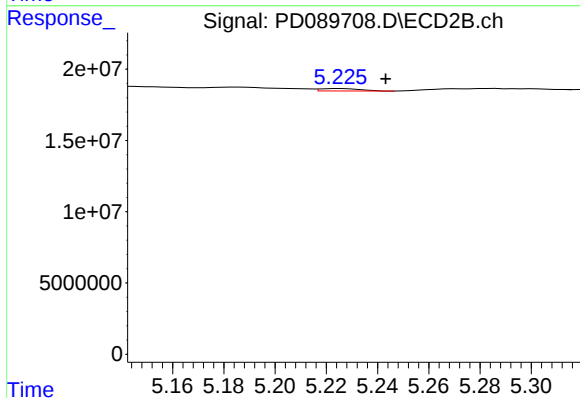
R.T.: 4.857 min
Delta R.T.: -0.012 min
Response: 540658
Conc: 0.03 ng/ml



#9 Endosulfan I

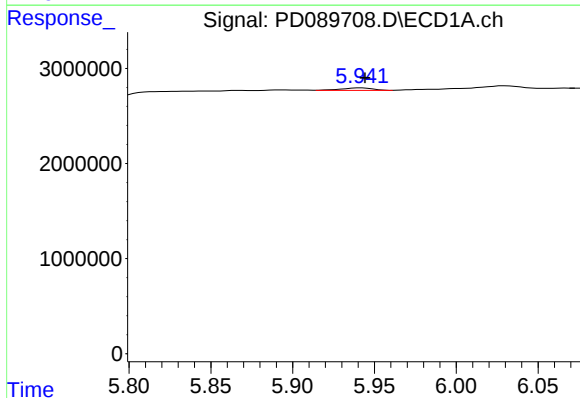
R.T.: 6.067 min
Delta R.T.: -0.005 min
Response: 84527
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



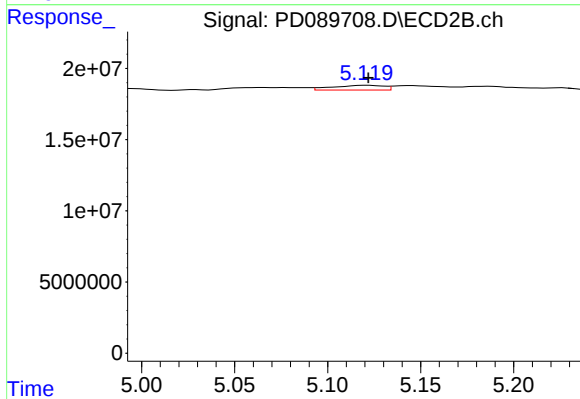
#9 Endosulfan I

R.T.: 5.226 min
Delta R.T.: -0.018 min
Response: 1883534
Conc: 0.10 ng/ml



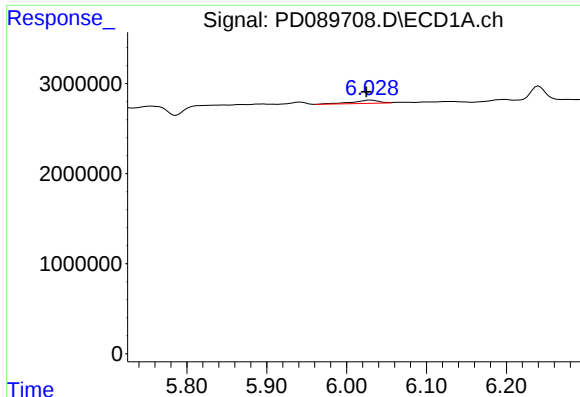
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.002 min
Response: 339717
Conc: 0.08 ng/ml



#10 gamma-Chlordane

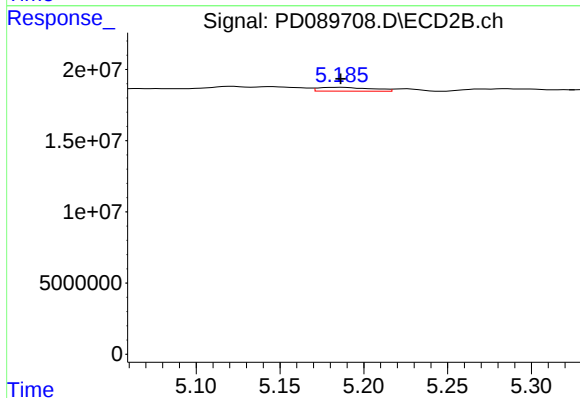
R.T.: 5.121 min
Delta R.T.: -0.001 min
Response: 6325459
Conc: 0.29 ng/ml



#11 alpha-Chlordane

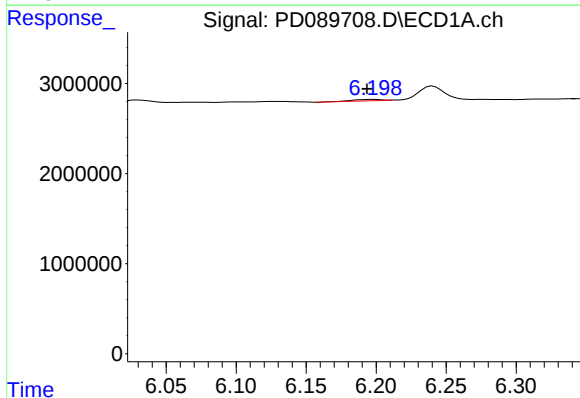
R.T.: 6.030 min
Delta R.T.: 0.005 min
Response: 840389
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



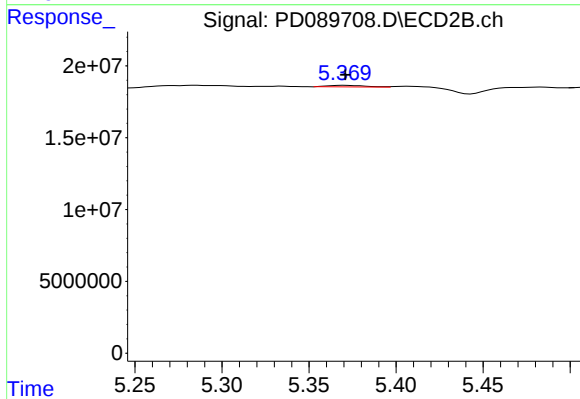
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 5952778
Conc: 0.29 ng/ml



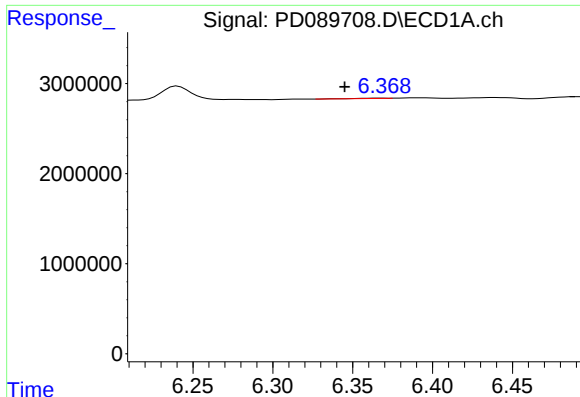
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.005 min
Response: 189678
Conc: 0.05 ng/ml



#12 4,4'-DDE

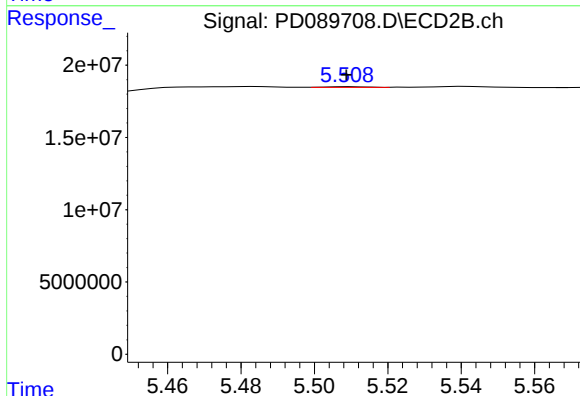
R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 1651847
Conc: 0.08 ng/ml



#13 Dieldrin

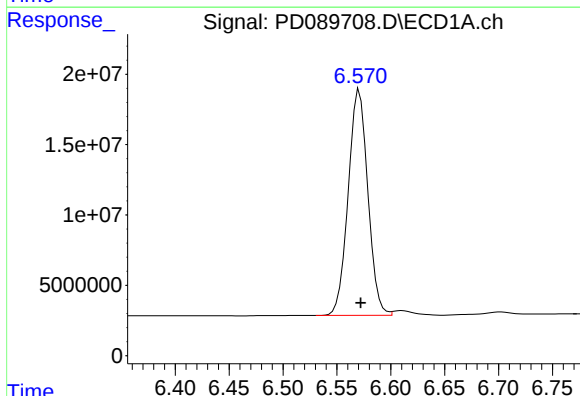
R.T.: 6.369 min
Delta R.T.: 0.024 min
Response: 51203
Conc: 0.01 ng/ml

Instrument :
ECD_D
ClientSampleId :



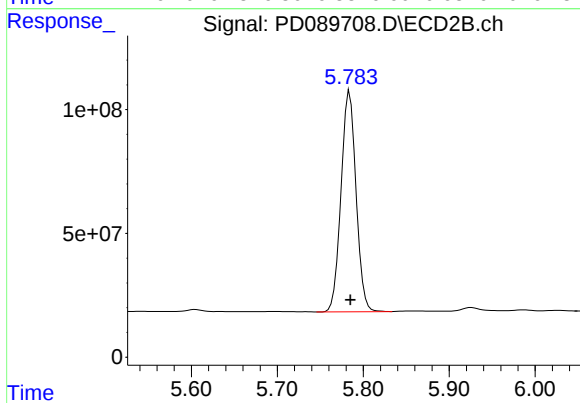
#13 Dieldrin

R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 320703
Conc: 0.01 ng/ml



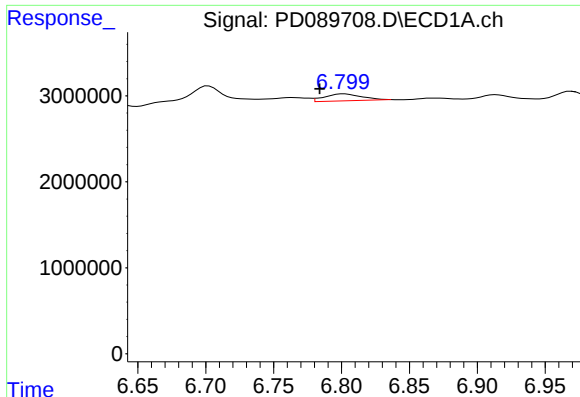
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.001 min
Response: 203799782
Conc: 56.96 ng/ml



#14 Endrin

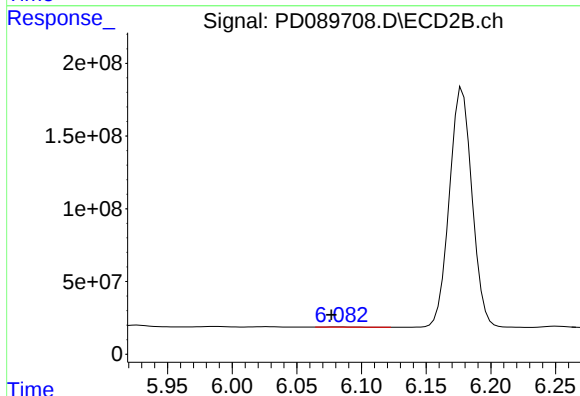
R.T.: 5.784 min
Delta R.T.: -0.001 min
Response: 1083001348
Conc: 54.35 ng/ml



#15 Endosulfan II

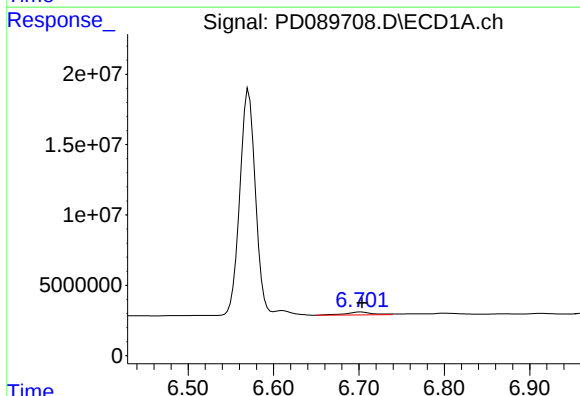
R.T.: 6.802 min
Delta R.T.: 0.018 min
Response: 1581330
Conc: 0.43 ng/ml

Instrument :
ECD_D
ClientSampleId :



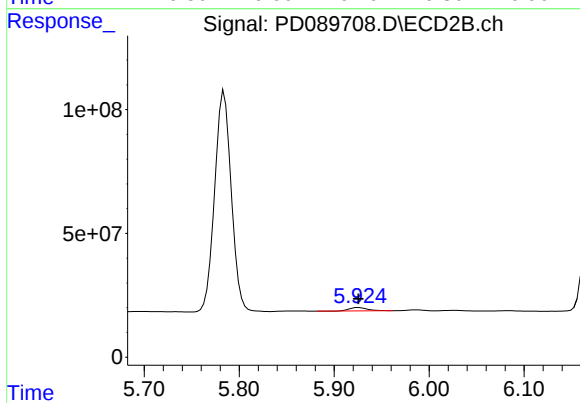
#15 Endosulfan II

R.T.: 6.083 min
Delta R.T.: 0.006 min
Response: 2518842
Conc: 0.13 ng/ml



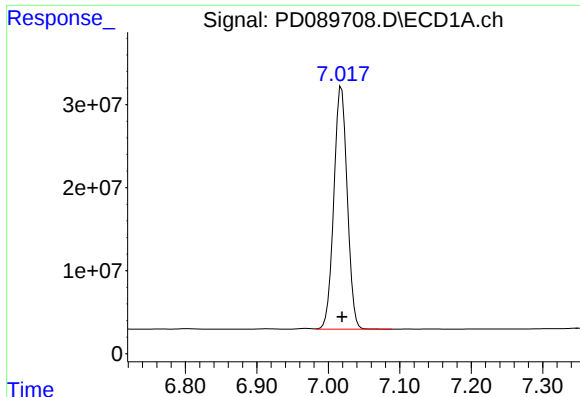
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: -0.002 min
Response: 4638802
Conc: 1.55 ng/ml



#16 4,4'-DDD

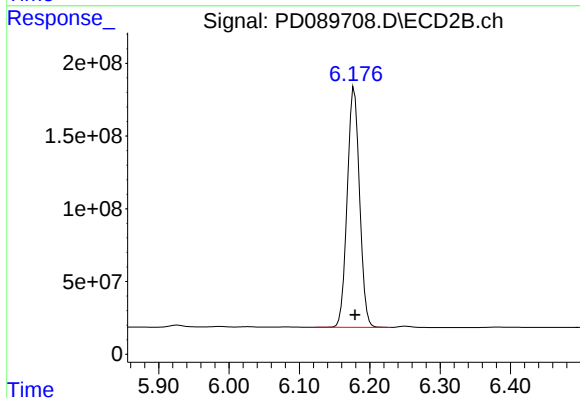
R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 17160776
Conc: 0.97 ng/ml



#17 4,4'-DDT

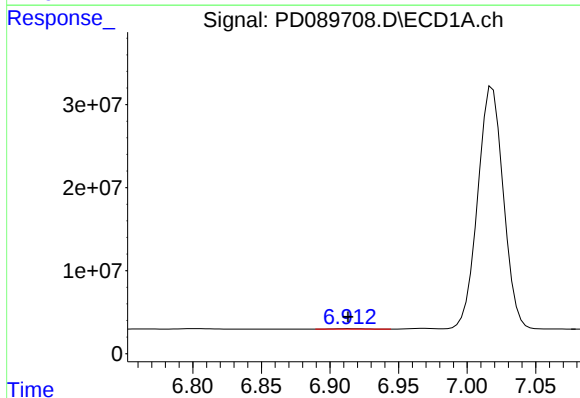
R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 380544290
Conc: 113.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



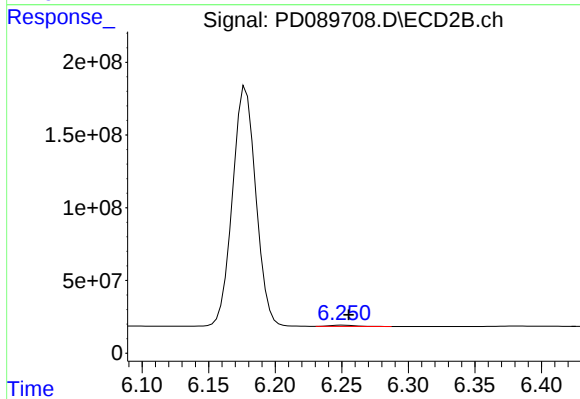
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.001 min
Response: 2014971981
Conc: 109.67 ng/ml



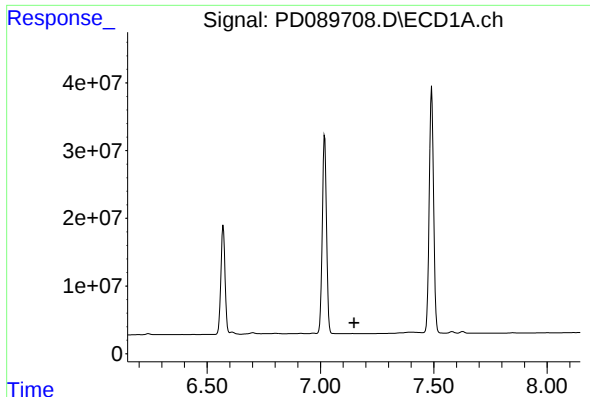
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 755783
Conc: 0.30 ng/ml



#18 Endrin aldehyde

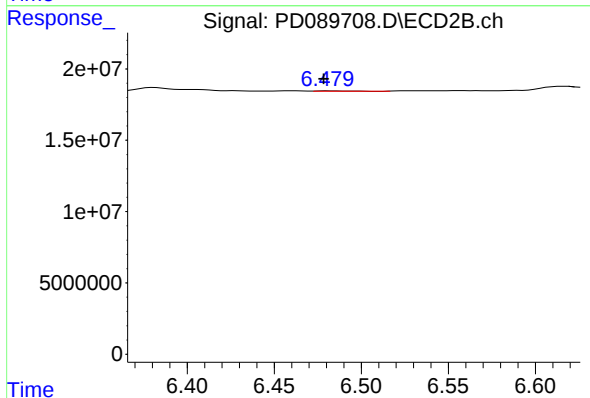
R.T.: 6.251 min
Delta R.T.: -0.004 min
Response: 11226477
Conc: 0.87 ng/ml



#19 Endosulfan Sulfate

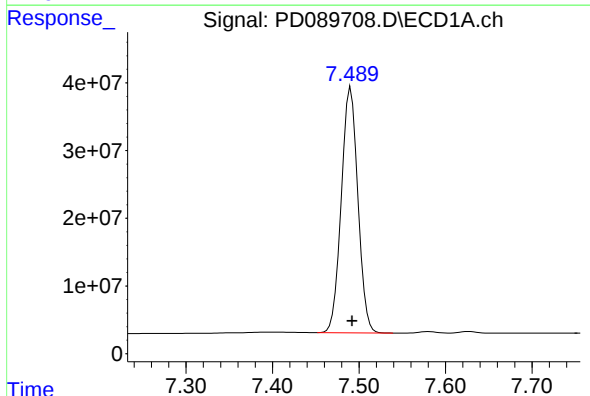
R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



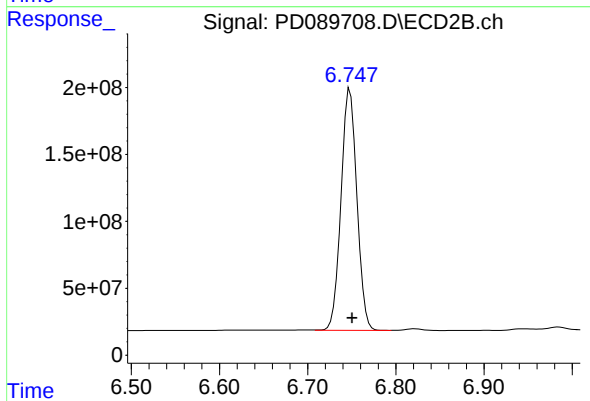
#19 Endosulfan Sulfate

R.T.: 6.480 min
Delta R.T.: 0.002 min
Response: 246831
Conc: 0.01 ng/ml



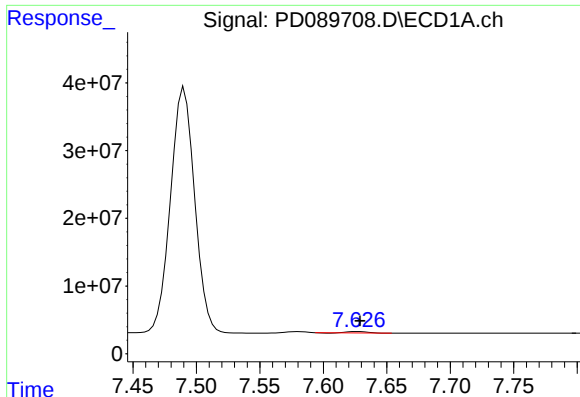
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: -0.001 min
Response: 480151643
Conc: 268.55 ng/ml



#20 Methoxychlor

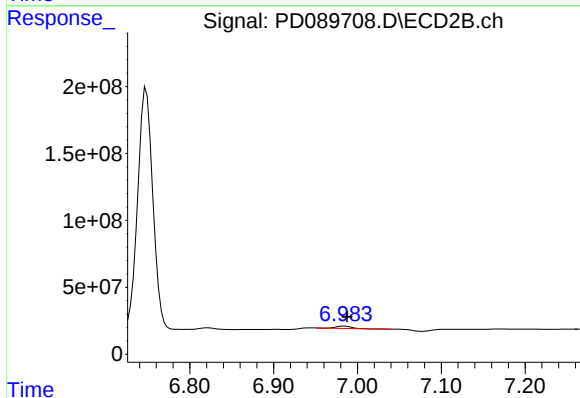
R.T.: 6.748 min
Delta R.T.: -0.002 min
Response: 2256777115
Conc: 230.39 ng/ml



#21 Endrin ketone

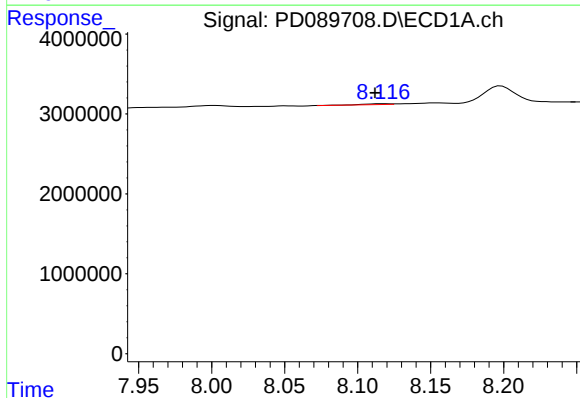
R.T.: 7.627 min
Delta R.T.: -0.002 min
Response: 2198935
Conc: 0.59 ng/ml

Instrument :
ECD_D
ClientSampleId :



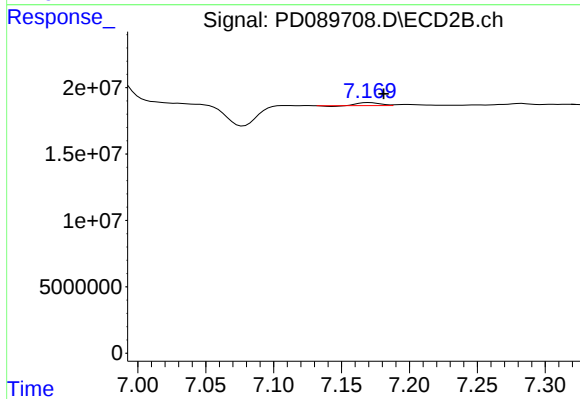
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: -0.003 min
Response: 19223069
Conc: 0.96 ng/ml



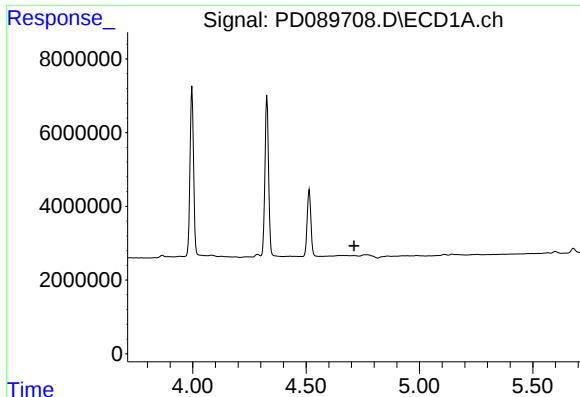
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.006 min
Response: 141634
Conc: 0.05 ng/ml



#22 Mirex

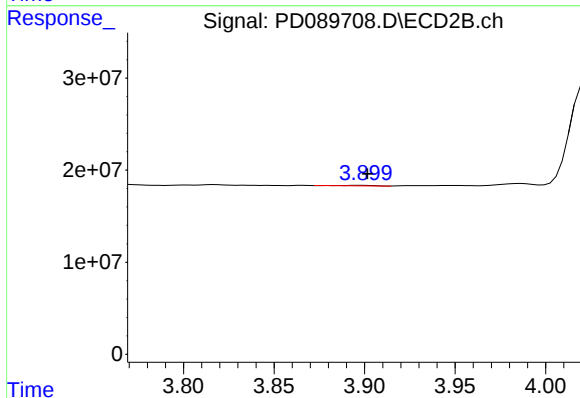
R.T.: 7.170 min
Delta R.T.: -0.011 min
Response: 2304070
Conc: 0.15 ng/ml



#23 Chlordane-1

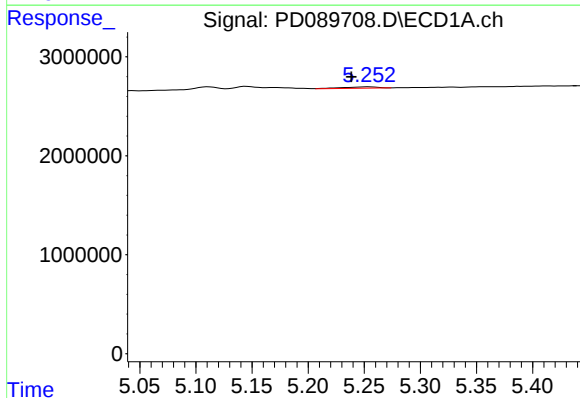
R.T.: 0.000 min
Exp R.T.: 4.712 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



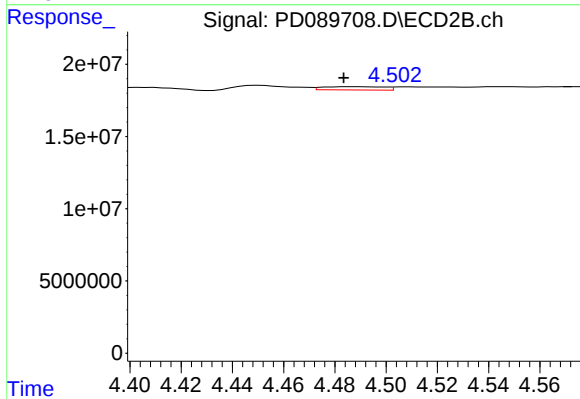
#23 Chlordane-1

R.T.: 3.899 min
Delta R.T.: -0.002 min
Response: 669935
Conc: 0.92 ng/ml



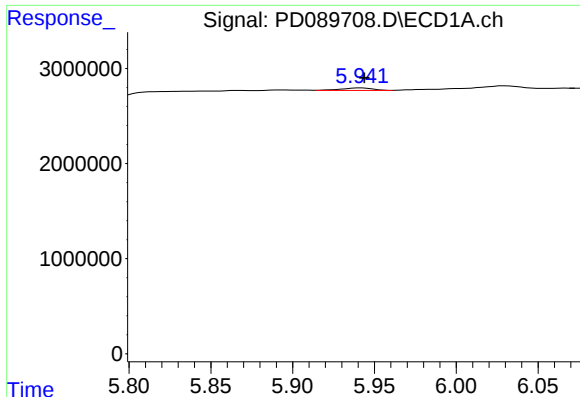
#24 Chlordane-2

R.T.: 5.253 min
Delta R.T.: 0.015 min
Response: 301429
Conc: 1.77 ng/ml



#24 Chlordane-2

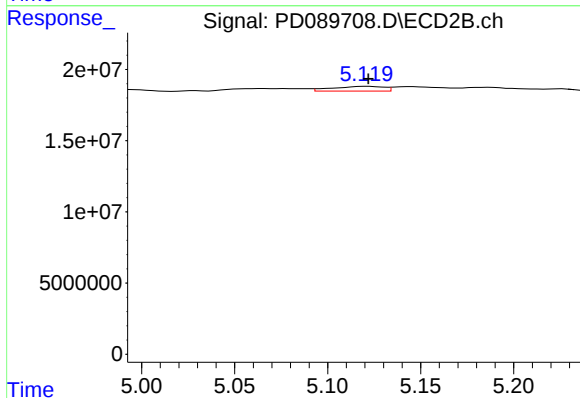
R.T.: 4.485 min
Delta R.T.: 0.002 min
Response: 3803024
Conc: 4.98 ng/ml



#25 Chlordane-3

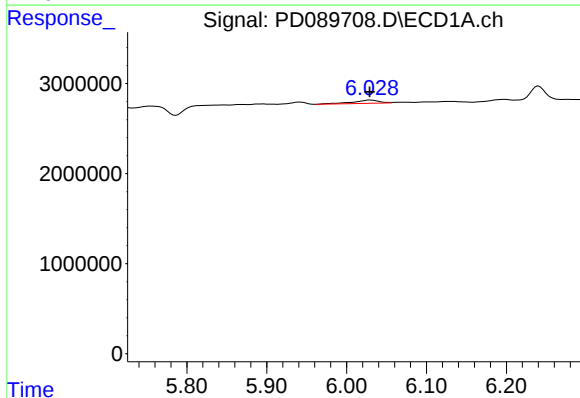
R.T.: 5.942 min
Delta R.T.: -0.002 min
Response: 339717
Conc: 0.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



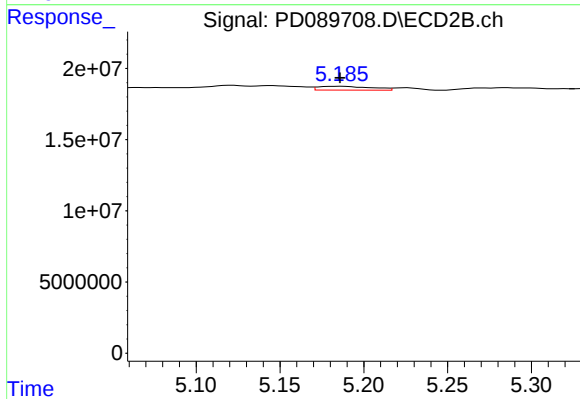
#25 Chlordane-3

R.T.: 5.121 min
Delta R.T.: -0.001 min
Response: 6325459
Conc: 2.73 ng/ml



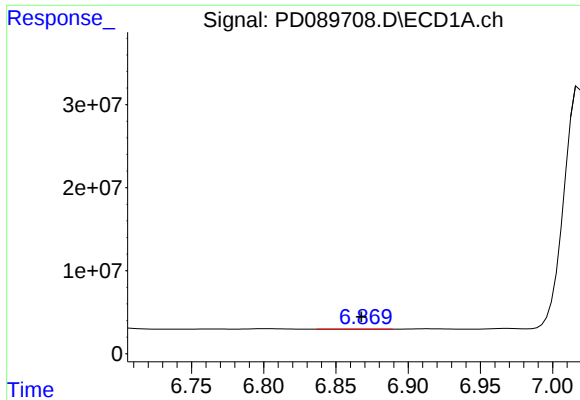
#26 Chlordane-4

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 840389
Conc: 1.00 ng/ml



#26 Chlordane-4

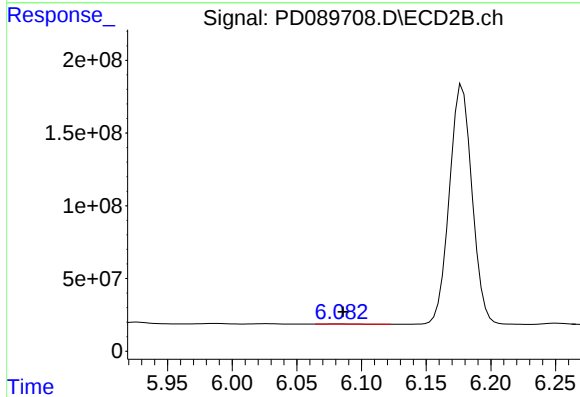
R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 5952778
Conc: 2.99 ng/ml



#27 Chlordane-5

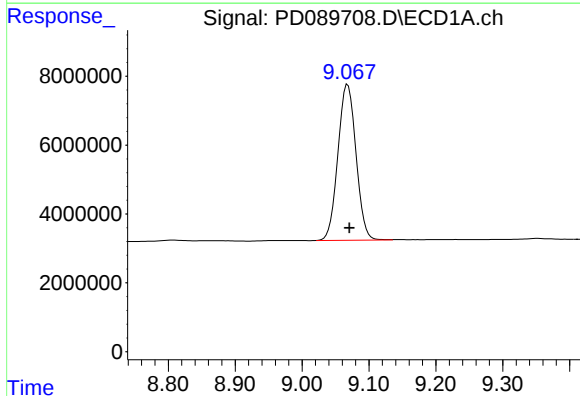
R.T.: 6.870 min
Delta R.T.: 0.002 min
Response: 198068
Conc: 1.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



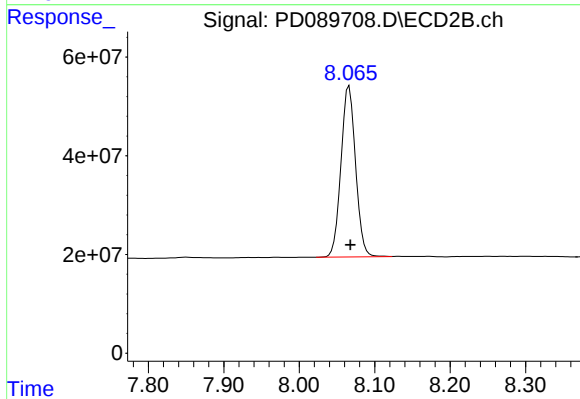
#27 Chlordane-5

R.T.: 6.083 min
Delta R.T.: -0.003 min
Response: 2518842
Conc: 2.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 85125205
Conc: 22.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: -0.002 min
Response: 465932762
Conc: 23.21 ng/ml