

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021525\
 Data File : PD087881.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Feb 2025 12:11
 Operator : AR\AJ
 Sample : PEM066
 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: Feb 14 08:04:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011625CLP.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 13:39:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 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...	3.553	2.880	46739403	289.2E6	22.934	23.381
27)	SA Decachlor...	9.085	8.081	74625253	316.2E6	22.321	21.827
Target Compounds							
2)	A alpha-BHC	4.003	3.394	45484251	238.5E6	10.949	12.042
3)	MA gamma-BHC...	4.335	3.731	42118602	216.3E6	10.470	11.811
4)	MA Heptachlor	4.959	0.000	253128	0	<MDL	N.D. #
5)	MB Aldrin	5.257	4.367	22835	2643853	<MDL	0.146 #
6)	B beta-BHC	4.519	4.027	19706123	99757765	10.972	11.694
7)	B delta-BHC	4.762	4.275	1739972	673422	0.421	<MDL #
8)	B Heptachlo...	5.686	4.890	1308175	915231	0.350	<MDL #
9)	A Endosulfan I	6.115	5.238	8230	4108459	<MDL	0.259 #
10)	B trans-Chl...	5.911f	5.142	1974525	4663173	0.536	0.259 #
11)	B cis-Chlor...	6.030	5.205	215682	3205278	<MDL	0.185 #
12)	B 4,4'-DDE	6.246f	5.384	438144	2659934	0.124	0.162 #
13)	MA Dieldrin	6.418f	5.512	1689764	186034	0.443	<MDL #
14)	MA Endrin	6.581	5.794	160.4E6	783.9E6	49.417	52.462
15)	B Endosulfa...	6.810	6.088	1635220	4736701	0.508	0.320 #
16)	A 4,4'-DDD	6.714	5.940	509905	3911660	0.185	0.293 #
17)	MA 4,4'-DDT	7.028	6.190	323.2E6	1466.8E6	111.525	106.441
18)	B Endrin al...	6.922	6.264	3058224	21965592	1.214	1.905 #
19)	B Endosulfa...	7.127	6.510	312765	1601189	0.101	0.110
20)	A Methoxychlor	7.500	6.761	421.8E6	1710.2E6	266.245	277.654
21)	B Endrin ke...	7.636	6.997	15467925	33518234	4.493	2.110 #
22)	Toxaphene-1	6.246	5.142	438144	4663173	19.177	53.724 #
23)	Toxaphene-2	6.418	6.088f	1689764	4736701	52.496	50.608
24)	Toxaphene-3	7.028f	6.761	323.2E6	1710.2E6	3641.779	5745.592 #
25)	Toxaphene-4	7.127	7.213	312765	17964852	4.791	84.803 #
26)	Toxaphene-5	0.000	7.327	0	5155055	N.D.	33.242

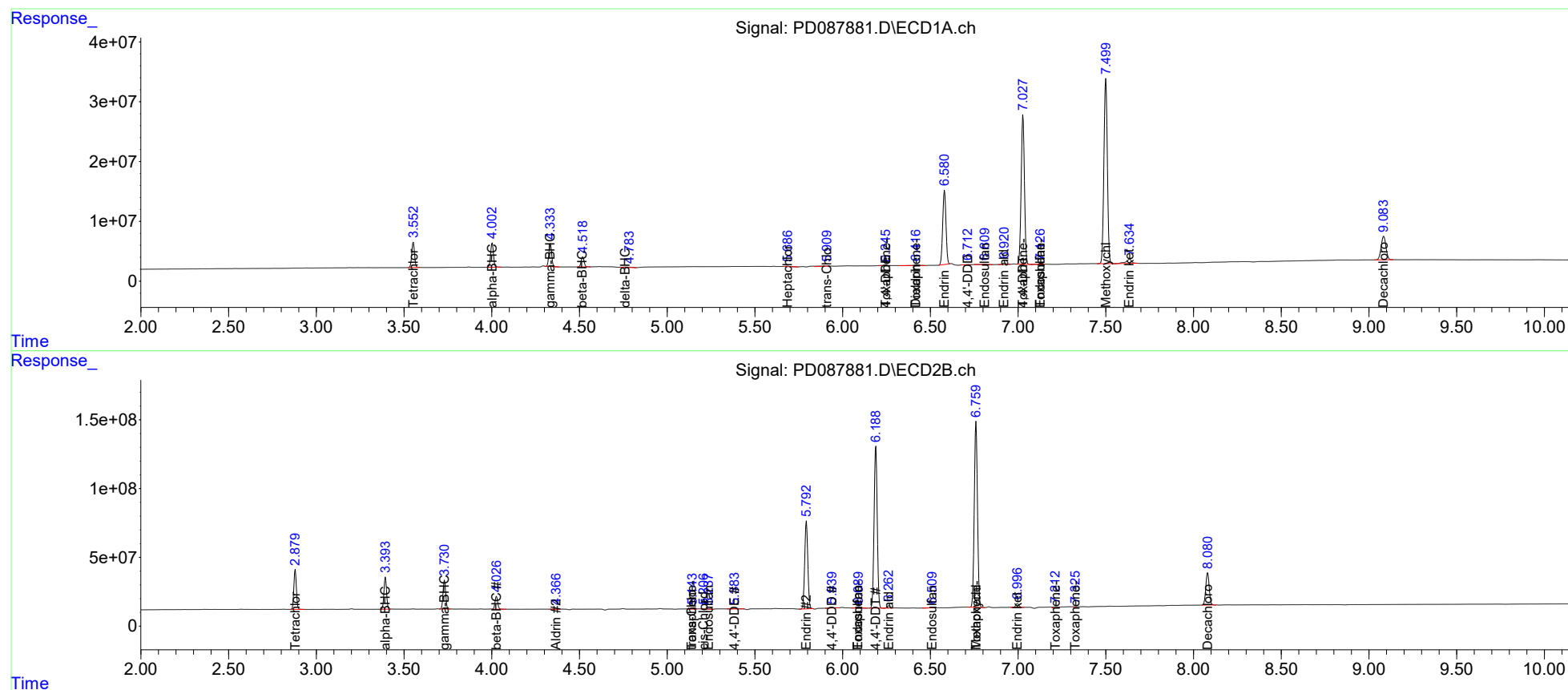
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

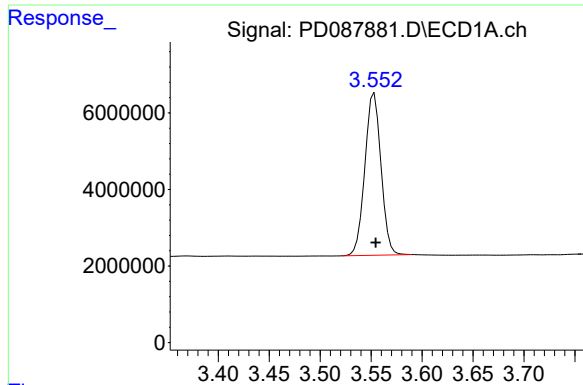
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021525\
Data File : PD087881.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2025 12:11
Operator : AR\AJ
Sample : PEM066
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 14 08:04:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011625CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jan 16 13:39:07 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

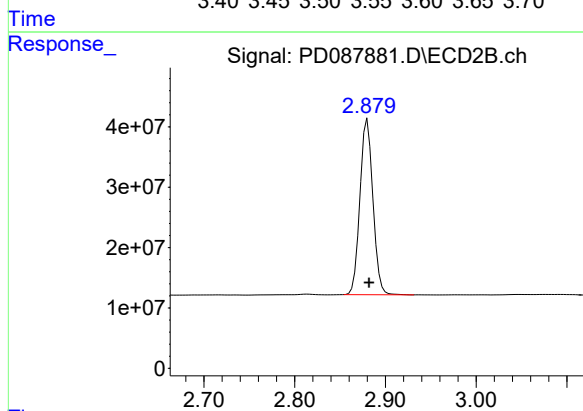




#1 Tetrachloro-m-xylene

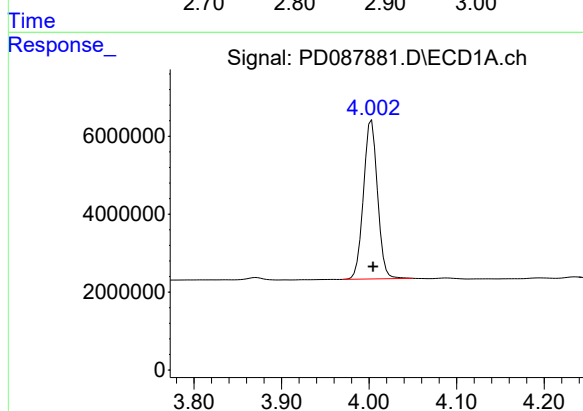
R.T.: 3.553 min
Delta R.T.: -0.002 min
Response: 46739403
Conc: 22.93 ng/ml

Instrument :
ECD_D
ClientSampleId :



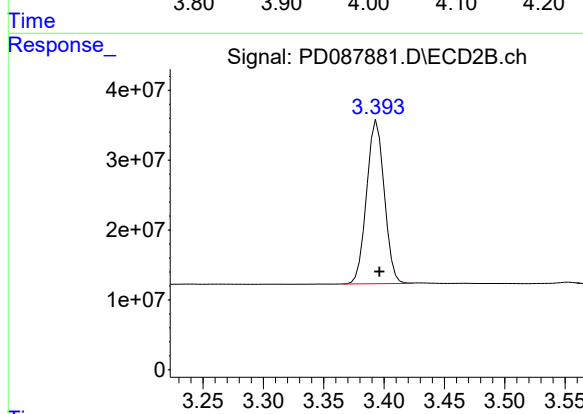
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.002 min
Response: 289171471
Conc: 23.38 ng/ml



#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: -0.002 min
Response: 45484251
Conc: 10.95 ng/ml

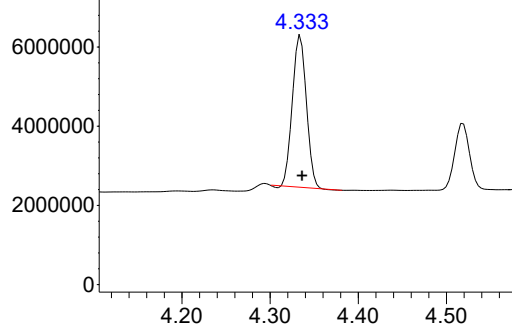


#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: -0.002 min
Response: 238460207
Conc: 12.04 ng/ml

Response_

Signal: PD087881.D\ECD1A.ch



#3 gamma-BHC (Lindane)

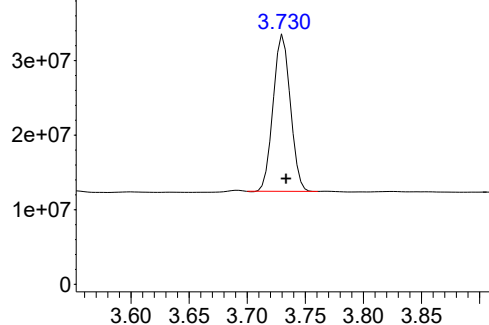
R.T.: 4.335 min
Delta R.T.: -0.002 min
Response: 42118602
Conc: 10.47 ng/ml

Instrument :
ECD_D
ClientSampleId :

Time

Response_

Signal: PD087881.D\ECD2B.ch



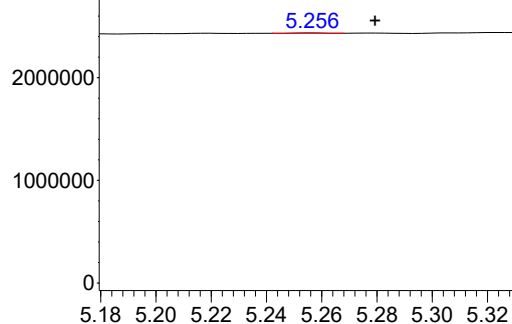
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.003 min
Response: 216336731
Conc: 11.81 ng/ml

Time

Response_

Signal: PD087881.D\ECD1A.ch



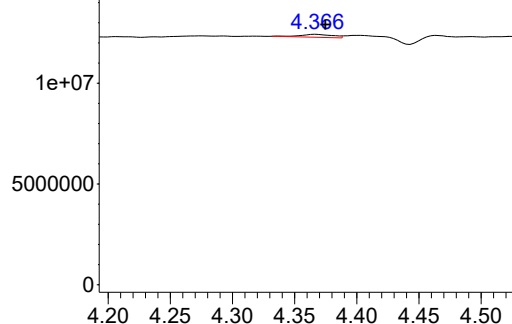
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: -0.023 min
Response: 22835
Conc: N.D.

Time

Response_

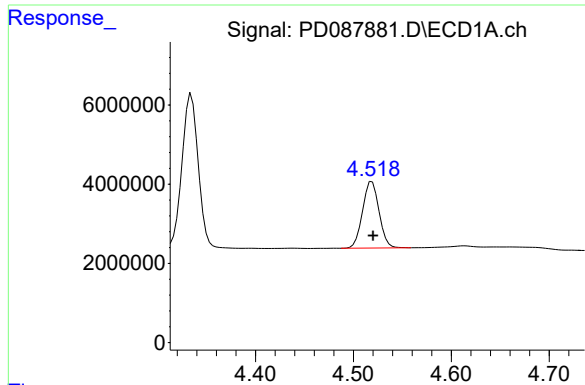
Signal: PD087881.D\ECD2B.ch



#5 Aldrin

R.T.: 4.367 min
Delta R.T.: -0.007 min
Response: 2643853
Conc: 0.15 ng/ml

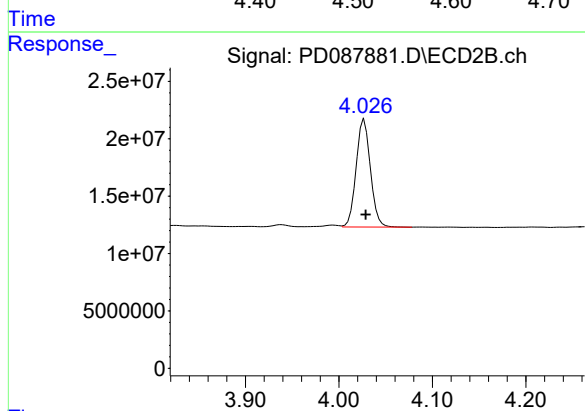
Time



#6 beta-BHC

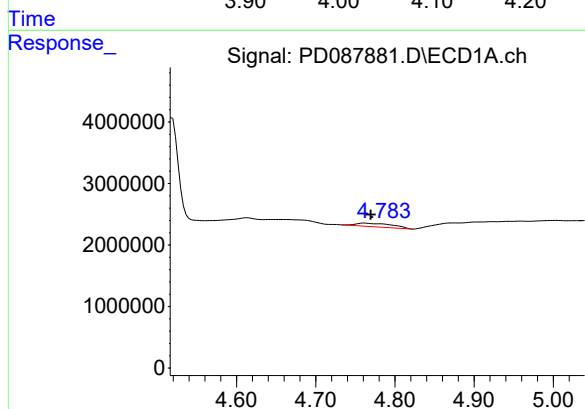
R.T.: 4.519 min
Delta R.T.: -0.001 min
Response: 19706123
Conc: 10.97 ng/ml

Instrument :
ECD_D
ClientSampleId :



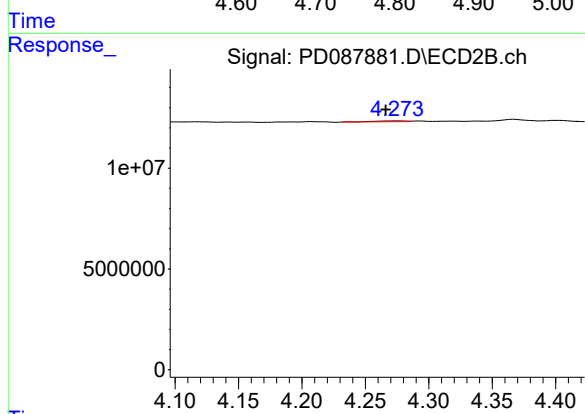
#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 99757765
Conc: 11.69 ng/ml



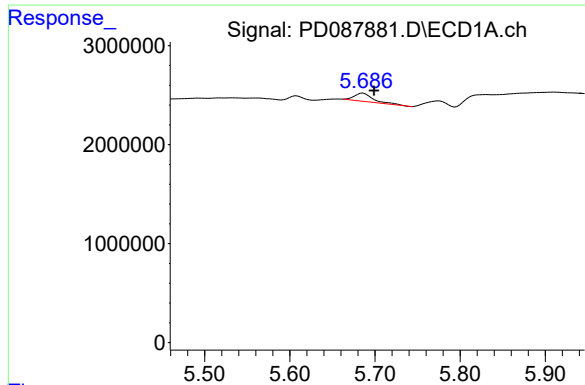
#7 delta-BHC

R.T.: 4.762 min
Delta R.T.: -0.008 min
Response: 1739972
Conc: 0.42 ng/ml



#7 delta-BHC

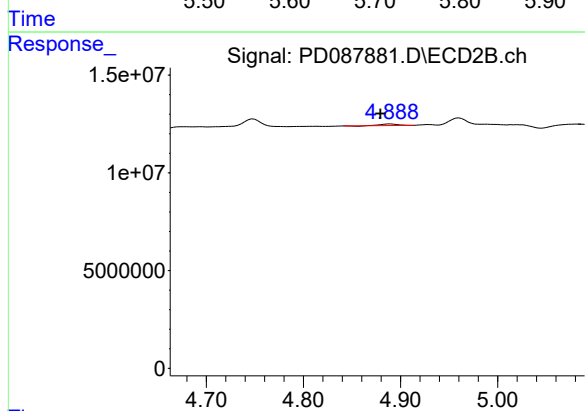
R.T.: 4.275 min
Delta R.T.: 0.009 min
Response: 673422
Conc: N.D.



#8 Heptachlor epoxide

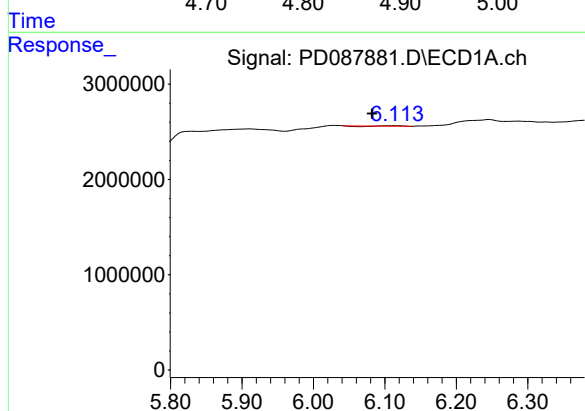
R.T.: 5.686 min
Delta R.T.: -0.013 min
Response: 1308175
Conc: 0.35 ng/ml

Instrument :
ECD_D
ClientSampleId :



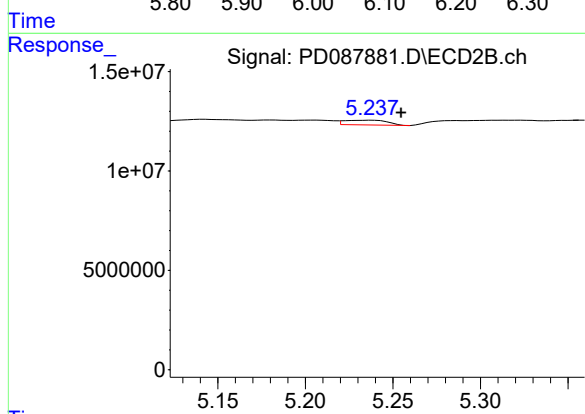
#8 Heptachlor epoxide

R.T.: 4.890 min
Delta R.T.: 0.010 min
Response: 915231
Conc: N.D.



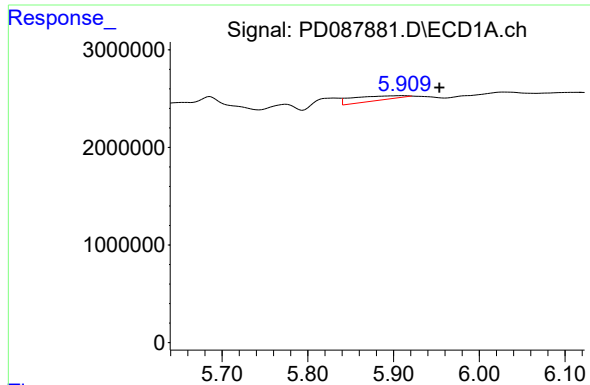
#9 Endosulfan I

R.T.: 6.115 min
Delta R.T.: 0.033 min
Response: 8230
Conc: N.D.



#9 Endosulfan I

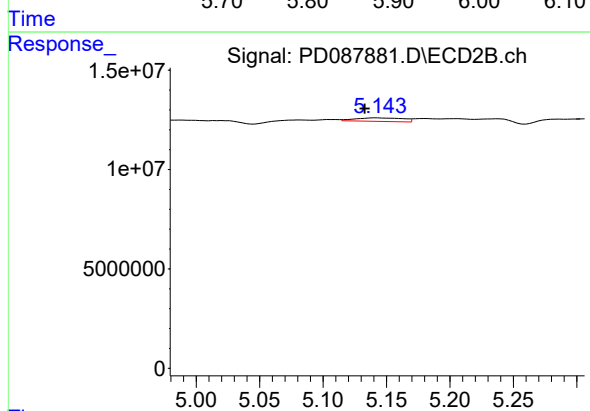
R.T.: 5.238 min
Delta R.T.: -0.017 min
Response: 4108459
Conc: 0.26 ng/ml



#10 trans-Chlordane

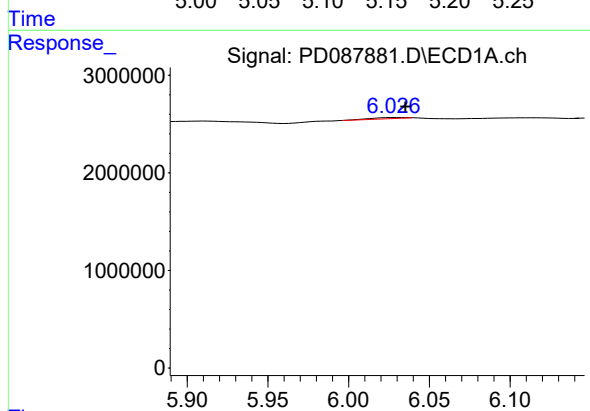
R.T.: 5.911 min
Delta R.T.: -0.043 min
Response: 1974525
Conc: 0.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



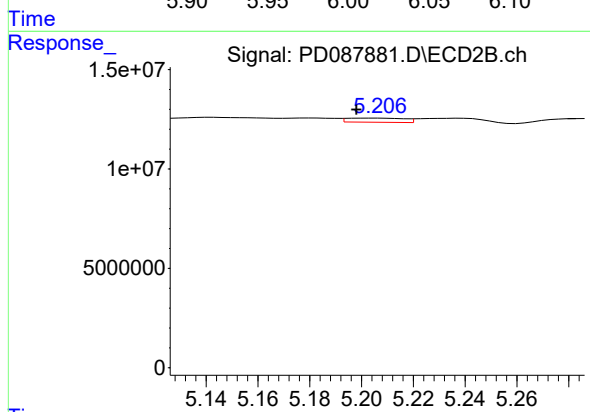
#10 trans-Chlordane

R.T.: 5.142 min
Delta R.T.: 0.009 min
Response: 4663173
Conc: 0.26 ng/ml



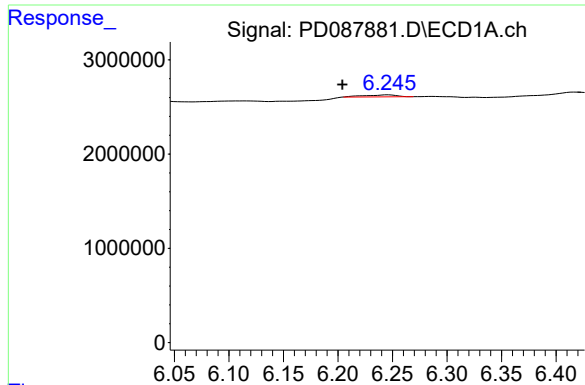
#11 cis-Chlordane

R.T.: 6.030 min
Delta R.T.: -0.006 min
Response: 215682
Conc: N.D.



#11 cis-Chlordane

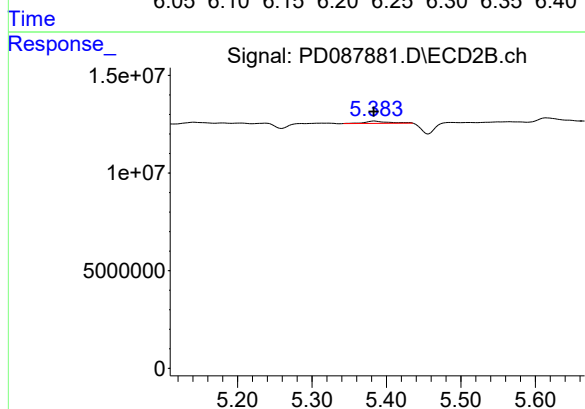
R.T.: 5.205 min
Delta R.T.: 0.007 min
Response: 3205278
Conc: 0.19 ng/ml



#12 4,4'-DDE

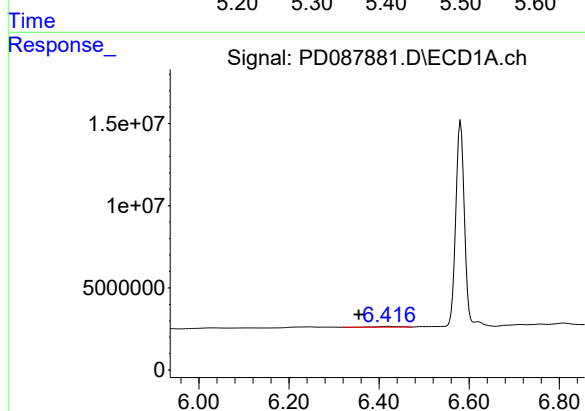
R.T.: 6.246 min
Delta R.T.: 0.042 min
Response: 438144
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



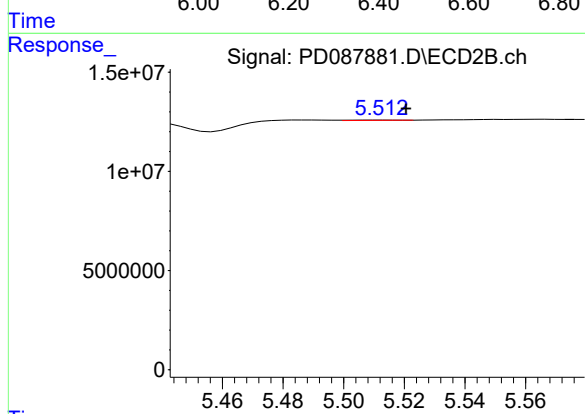
#12 4,4'-DDE

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 2659934
Conc: 0.16 ng/ml



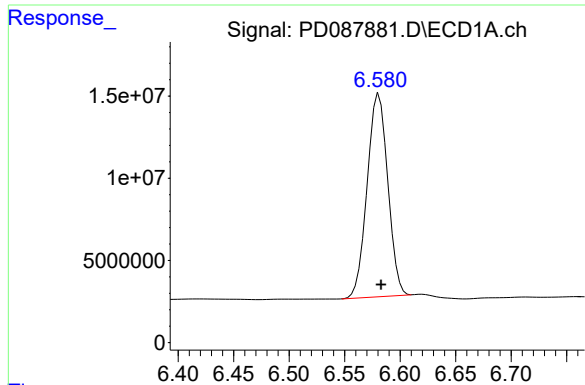
#13 Dieldrin

R.T.: 6.418 min
Delta R.T.: 0.063 min
Response: 1689764
Conc: 0.44 ng/ml



#13 Dieldrin

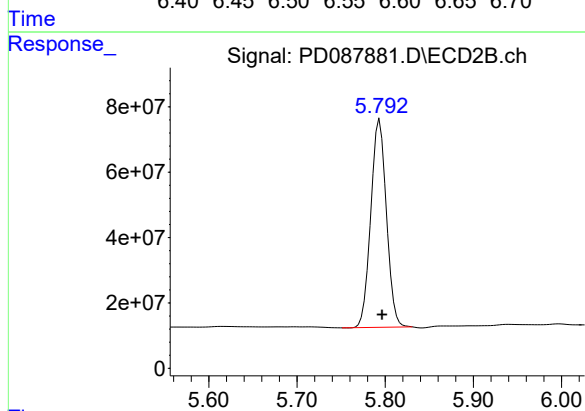
R.T.: 5.512 min
Delta R.T.: -0.009 min
Response: 186034
Conc: N.D.



#14 Endrin

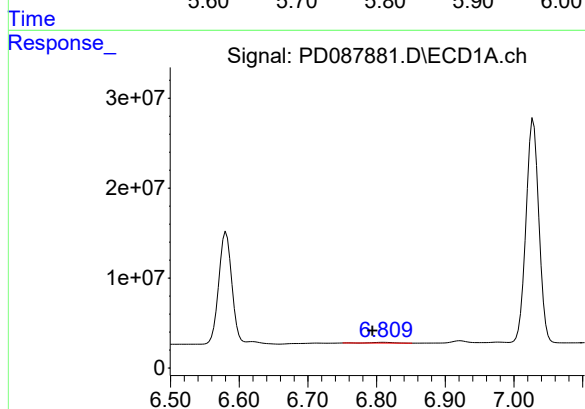
R.T.: 6.581 min
Delta R.T.: -0.002 min
Response: 160391125
Conc: 49.42 ng/ml

Instrument :
ECD_D
ClientSampleId :



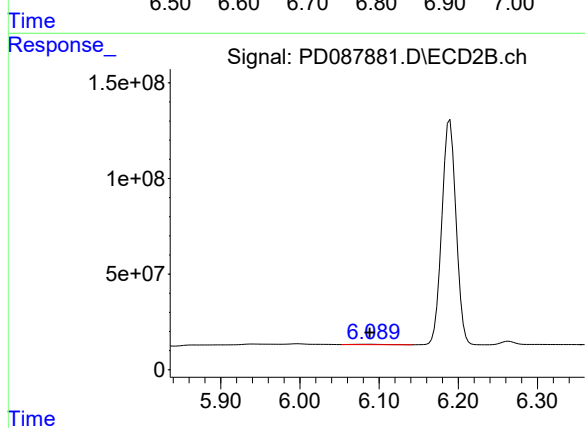
#14 Endrin

R.T.: 5.794 min
Delta R.T.: -0.003 min
Response: 783908527
Conc: 52.46 ng/ml



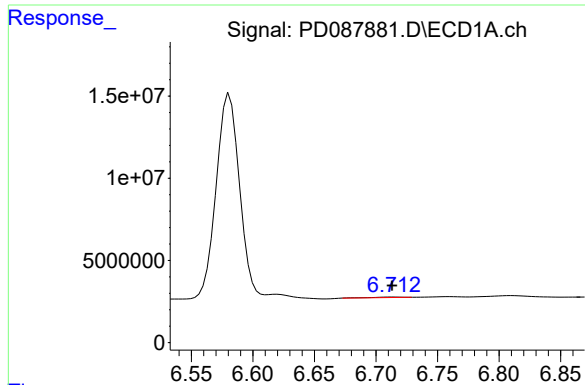
#15 Endosulfan II

R.T.: 6.810 min
Delta R.T.: 0.016 min
Response: 1635220
Conc: 0.51 ng/ml



#15 Endosulfan II

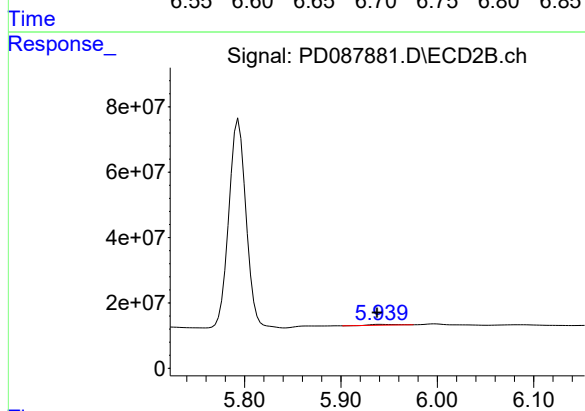
R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 4736701
Conc: 0.32 ng/ml



#16 4,4'-DDD

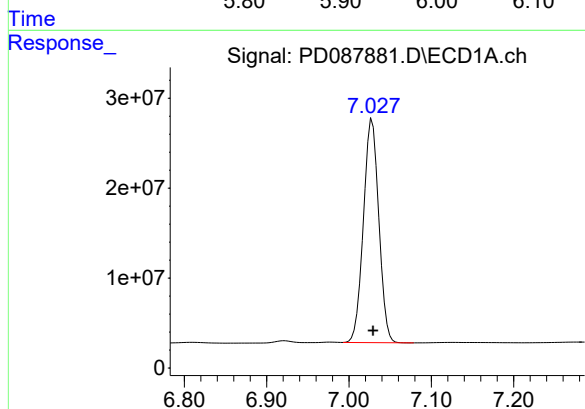
R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 509905
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



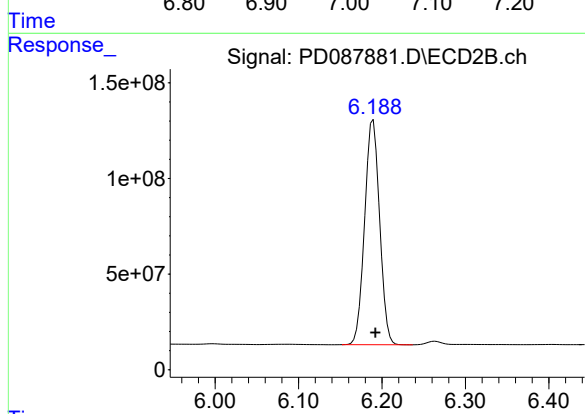
#16 4,4'-DDD

R.T.: 5.940 min
Delta R.T.: 0.003 min
Response: 3911660
Conc: 0.29 ng/ml



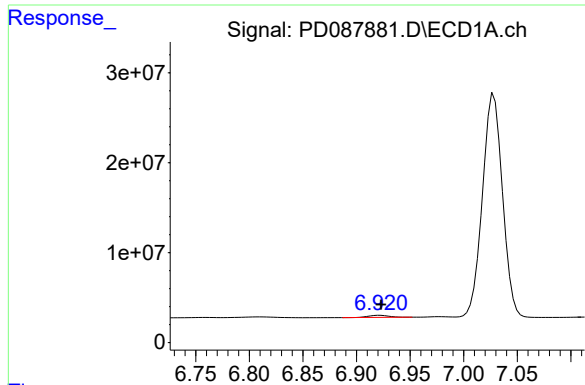
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: -0.002 min
Response: 323225627
Conc: 111.53 ng/ml



#17 4,4'-DDT

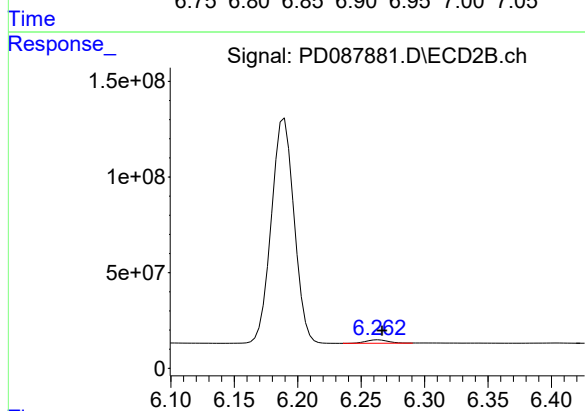
R.T.: 6.190 min
Delta R.T.: -0.003 min
Response: 1466836170
Conc: 106.44 ng/ml



#18 Endrin aldehyde

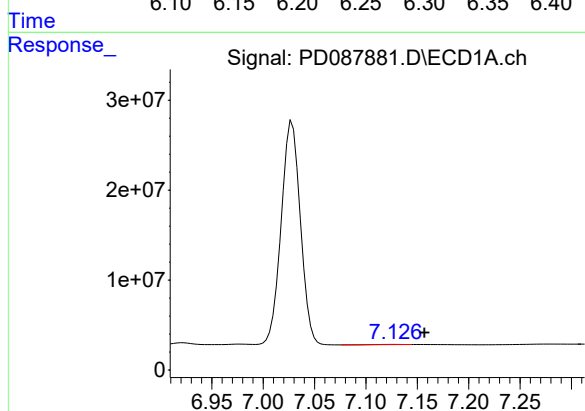
R.T.: 6.922 min
Delta R.T.: -0.001 min
Response: 3058224
Conc: 1.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



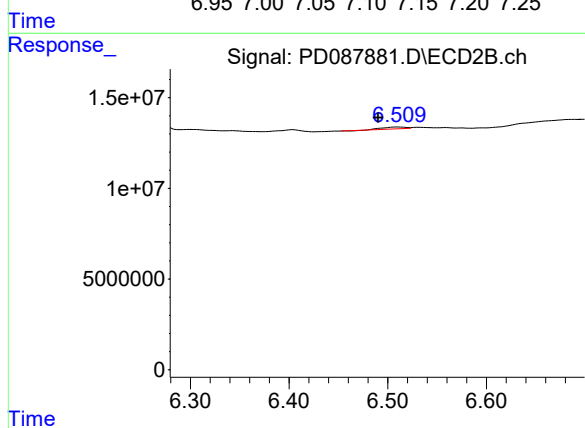
#18 Endrin aldehyde

R.T.: 6.264 min
Delta R.T.: -0.003 min
Response: 21965592
Conc: 1.91 ng/ml



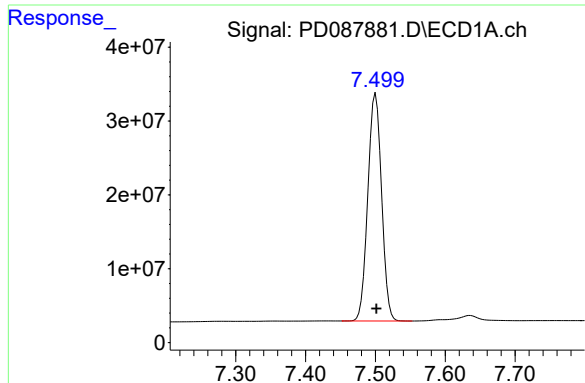
#19 Endosulfan Sulfate

R.T.: 7.127 min
Delta R.T.: -0.030 min
Response: 312765
Conc: 0.10 ng/ml



#19 Endosulfan Sulfate

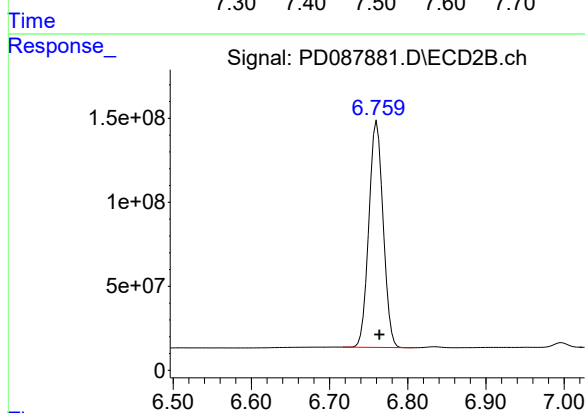
R.T.: 6.510 min
Delta R.T.: 0.020 min
Response: 1601189
Conc: 0.11 ng/ml



#20 Methoxychlor

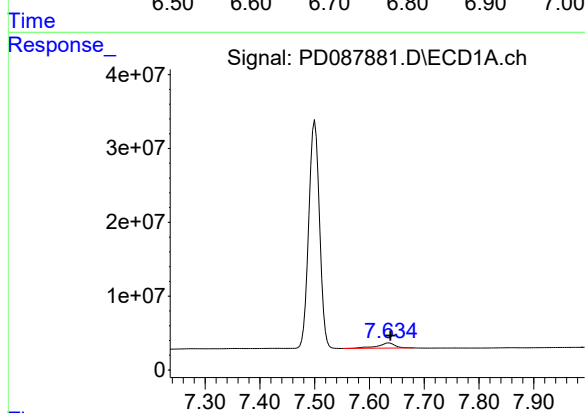
R.T.: 7.500 min
Delta R.T.: -0.001 min
Response: 421825276
Conc: 266.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



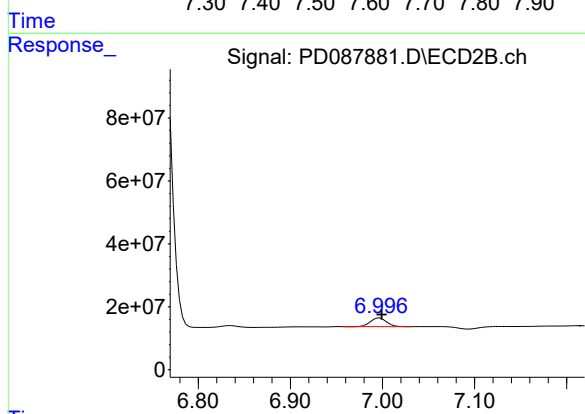
#20 Methoxychlor

R.T.: 6.761 min
Delta R.T.: -0.003 min
Response: 1710157318
Conc: 277.65 ng/ml



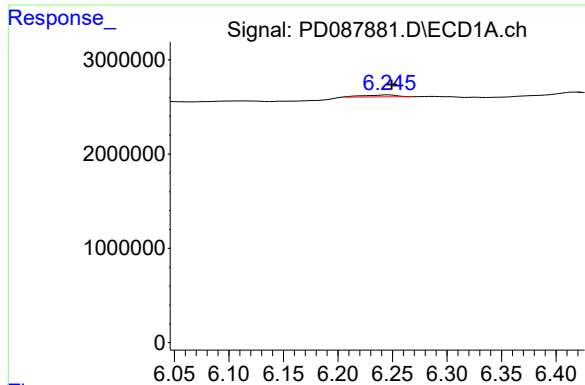
#21 Endrin ketone

R.T.: 7.636 min
Delta R.T.: -0.003 min
Response: 15467925
Conc: 4.49 ng/ml



#21 Endrin ketone

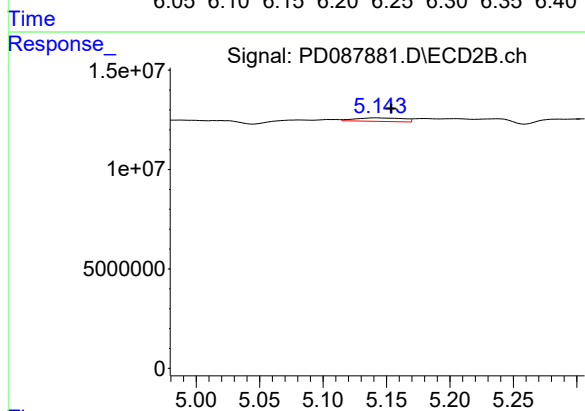
R.T.: 6.997 min
Delta R.T.: -0.003 min
Response: 33518234
Conc: 2.11 ng/ml



#22 Toxaphene-1

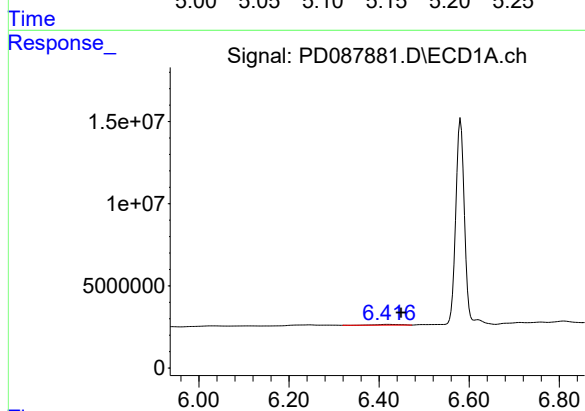
R.T.: 6.246 min
Delta R.T.: -0.004 min
Response: 438144
Conc: 19.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



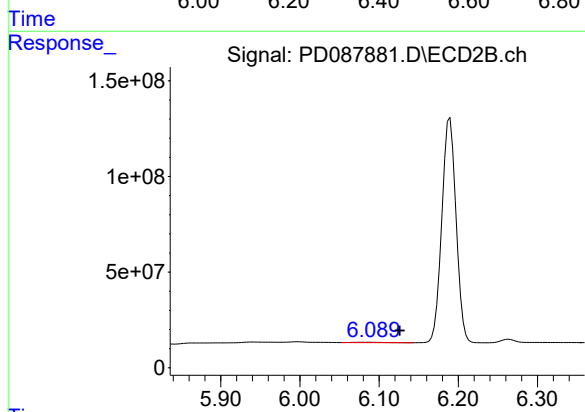
#22 Toxaphene-1

R.T.: 5.142 min
Delta R.T.: -0.012 min
Response: 4663173
Conc: 53.72 ng/ml



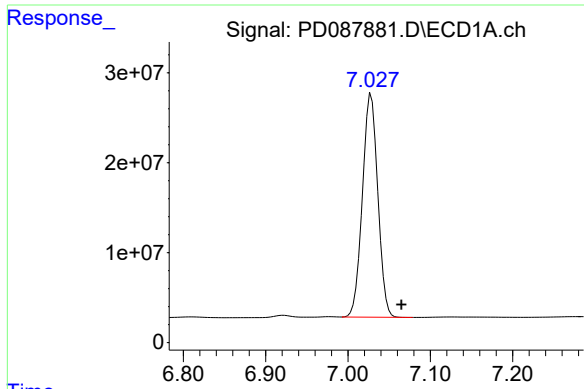
#23 Toxaphene-2

R.T.: 6.418 min
Delta R.T.: -0.031 min
Response: 1689764
Conc: 52.50 ng/ml



#23 Toxaphene-2

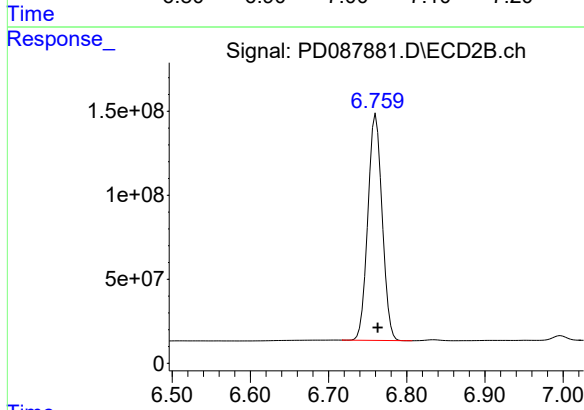
R.T.: 6.088 min
Delta R.T.: -0.038 min
Response: 4736701
Conc: 50.61 ng/ml



#24 Toxaphene-3

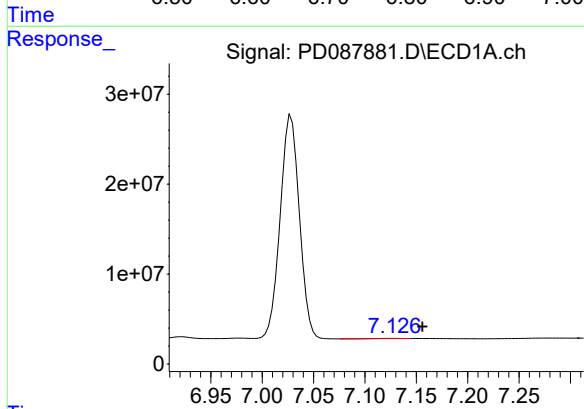
R.T.: 7.028 min
Delta R.T.: -0.037 min
Response: 323225627
Conc: 3641.78 ng/ml

Instrument :
ECD_D
ClientSampleId :



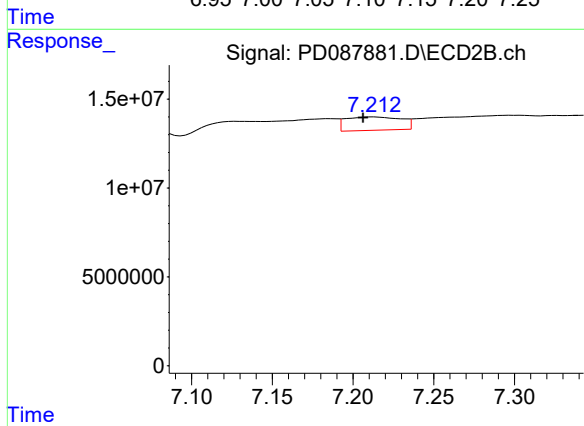
#24 Toxaphene-3

R.T.: 6.761 min
Delta R.T.: -0.003 min
Response: 1710157318
Conc: 5745.59 ng/ml



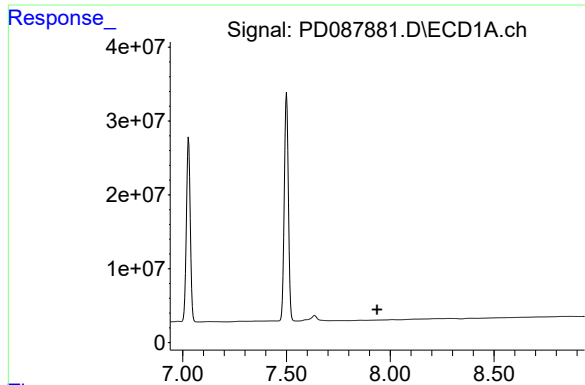
#25 Toxaphene-4

R.T.: 7.127 min
Delta R.T.: -0.029 min
Response: 312765
Conc: 4.79 ng/ml



#25 Toxaphene-4

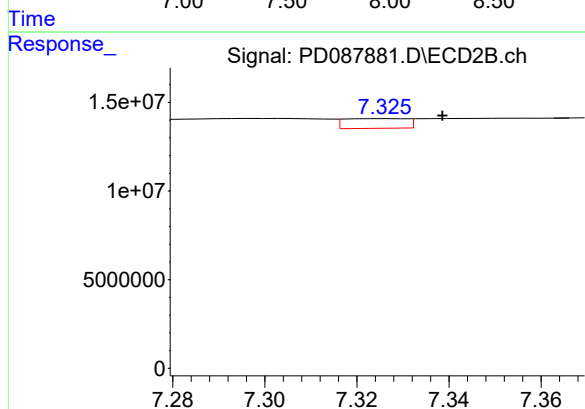
R.T.: 7.213 min
Delta R.T.: 0.006 min
Response: 17964852
Conc: 84.80 ng/ml



#26 Toxaphene-5

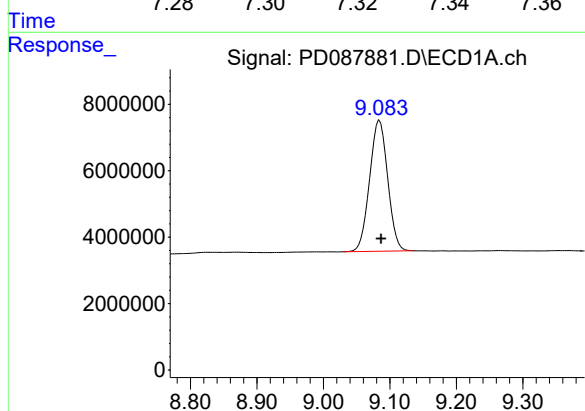
R.T.: 0.000 min
Exp R.T.: 7.938 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



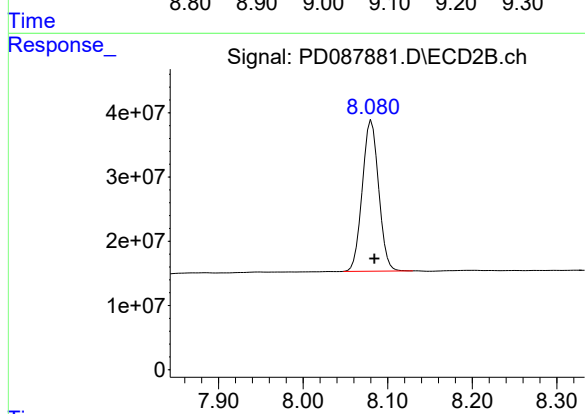
#26 Toxaphene-5

R.T.: 7.327 min
Delta R.T.: -0.012 min
Response: 5155055
Conc: 33.24 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: -0.003 min
Response: 74625253
Conc: 22.32 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.081 min
Delta R.T.: -0.004 min
Response: 316153119
Conc: 21.83 ng/ml