

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051525\
 Data File : PD088552.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 09:18
 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: May 16 02:16:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 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...	3.556	2.882	44559178	304.3E6	22.309	20.812
2)	SA Decachlor...	9.081	8.077	73616746	367.0E6	22.253	19.861
Target Compounds							
2)	A alpha-BHC	4.005	3.395	44045223	245.5E6	10.215	10.739
3)	MA gamma-BHC...	4.336	3.731	43946740	230.3E6	10.495	10.690
4)	MA Heptachlor	4.916f	4.092	953162	3455723	0.236	0.161 #
5)	MB Aldrin	5.263	4.373	969616	66824163	0.245	3.212 #
6)	B beta-BHC	4.522	4.027	19344346	92316778	11.916	9.976
7)	B delta-BHC	4.785f	4.277	2122671	4461981	0.515	0.210 #
8)	B Heptachlo...	5.688	4.879	12504097	5333496	3.499	0.282 #
9)	A Endosulfan I	6.071	5.231f	2107038	40826268	0.624	2.267 #
10)	B gamma-Chl...	5.954	5.129	16338961	65201640	4.511	3.213 #
11)	B alpha-Chl...	6.036	5.190	17581477	101.9E6	4.871	5.197
12)	B 4,4'-DDE	6.193	5.378	707741	163.8E6	0.215	8.318 #
13)	MA Dieldrin	6.358	5.529	95635	11193669	0.027	0.562 #
14)	MA Endrin	6.581	5.792	164.3E6	891.5E6	55.086	48.975
15)	B Endosulfa...	6.778	6.088	7784631	30369926	2.490	1.733 #
16)	A 4,4'-DDD	6.712	5.932	26371526	34695900	10.486	2.117 #
17)	MA 4,4'-DDT	7.028	6.186	298.4E6	1588.6E6	107.447	93.357
18)	B Endrin al...	6.923	6.261	1361787	18660914	0.590	1.403 #
19)	B Endosulfa...	7.151	6.483	525306	10729263	0.183	0.626 #
20)	A Methoxychlor	7.500	6.758	370.6E6	1701.0E6	247.109	186.494
21)	B Endrin ke...	7.636	6.992	2233833	-1165927	0.724	N.D. #
22)	Mirex	8.122	7.182	576251	7919070	0.245	0.534 #
23)	Chlordane-1	4.724	3.901	298000	2890947	1.794	3.606 #
24)	Chlordane-2	5.263f	4.509	969616	201.9E6	5.823	244.682 #
25)	Chlordane-3	5.954	5.129	16338961	65201640	24.223	25.781
26)	Chlordane-4	6.036	5.190	17581477	101.9E6	21.564	47.648 #
27)	Chlordane-5	0.000	6.088	0	30369926	N.D.	31.454 #

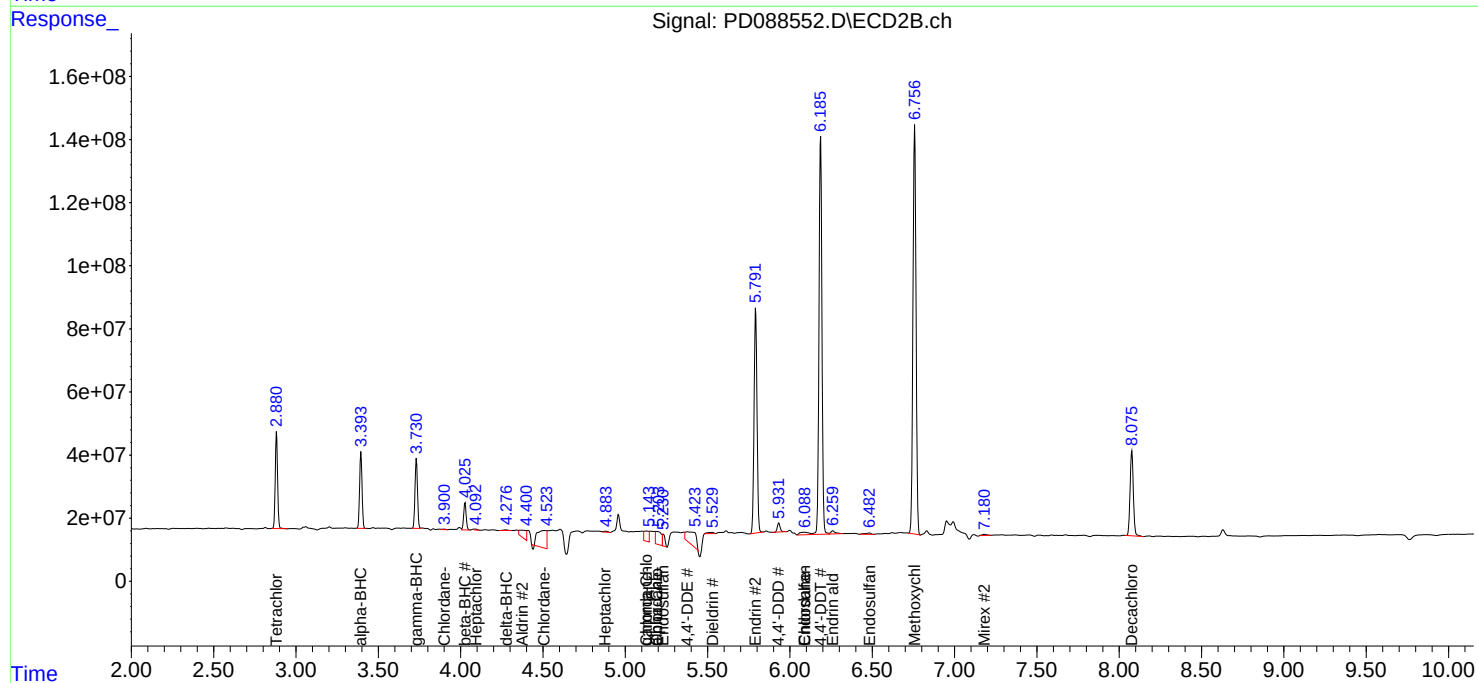
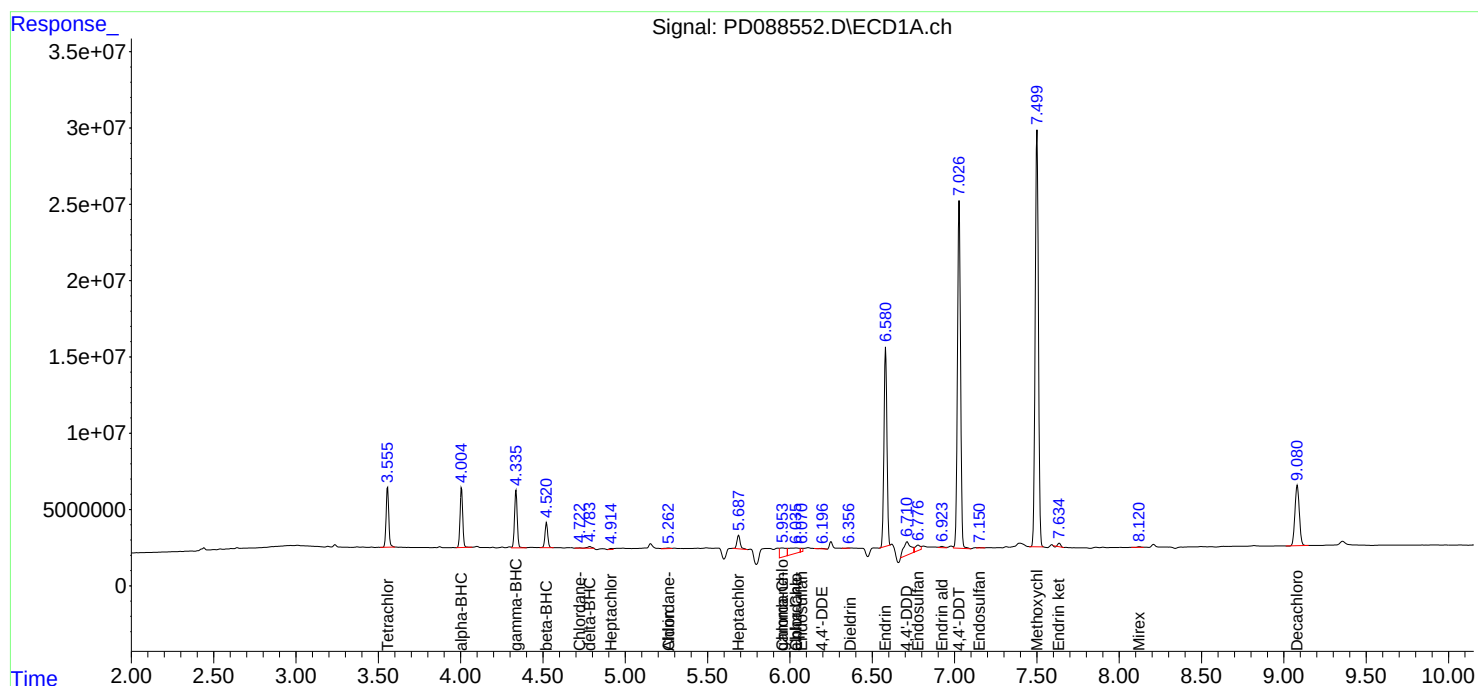
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

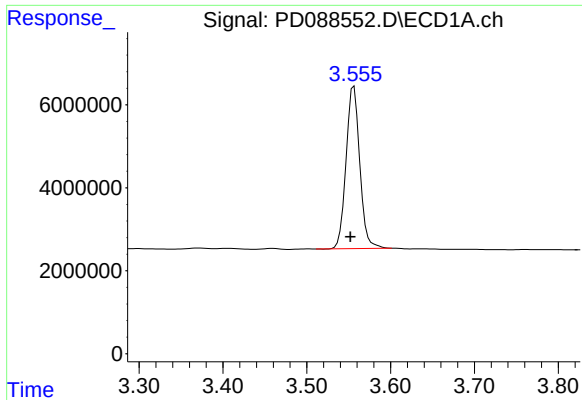
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051525\
Data File : PD088552.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 09:18
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 02:16:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 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

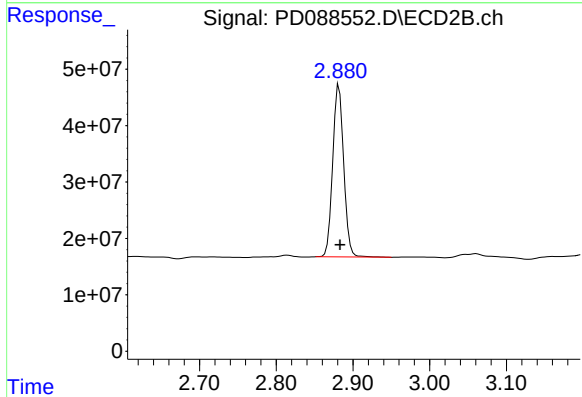




#1 Tetrachloro-m-xylene

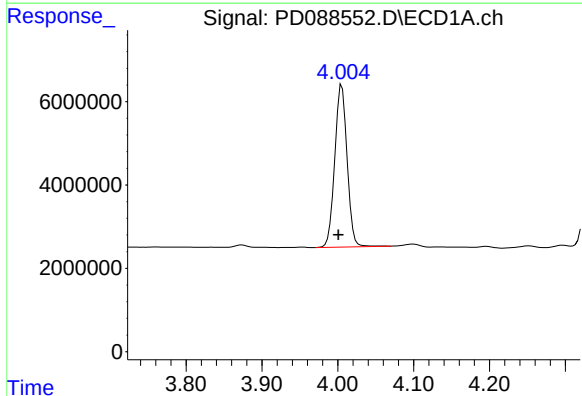
R.T.: 3.556 min
Delta R.T.: 0.004 min
Response: 44559178
Conc: 22.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



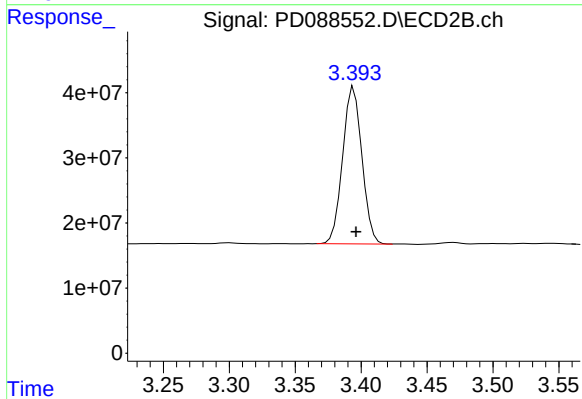
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: -0.001 min
Response: 304304325
Conc: 20.81 ng/ml



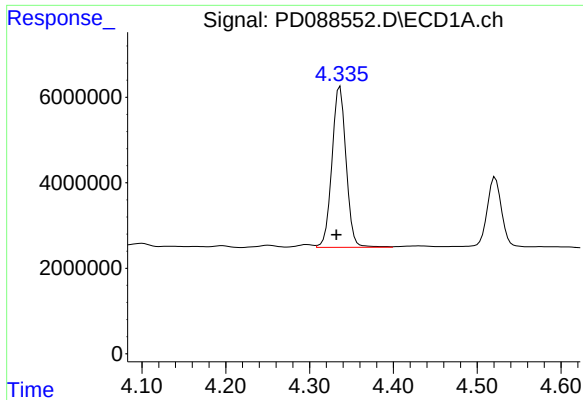
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.004 min
Response: 44045223
Conc: 10.21 ng/ml



#2 alpha-BHC

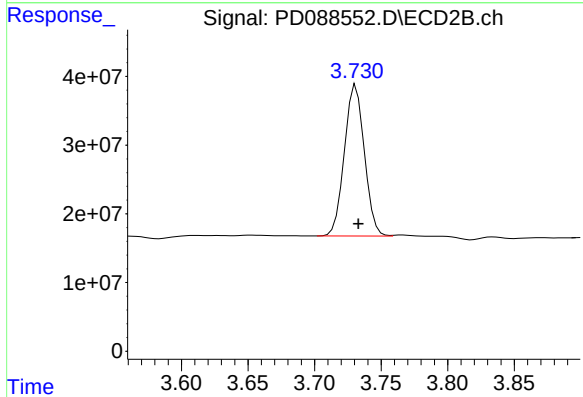
R.T.: 3.395 min
Delta R.T.: -0.002 min
Response: 245512559
Conc: 10.74 ng/ml



#3 gamma-BHC (Lindane)

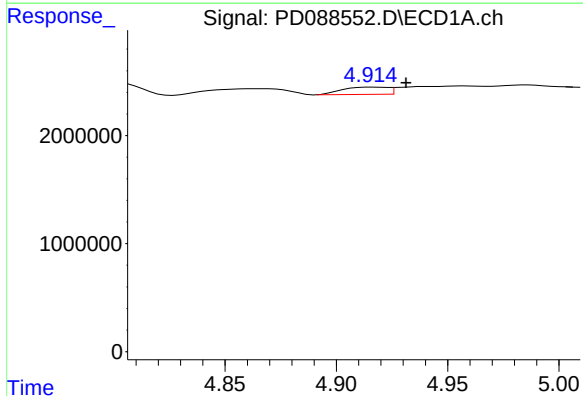
R.T.: 4.336 min
Delta R.T.: 0.005 min
Response: 43946740
Conc: 10.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



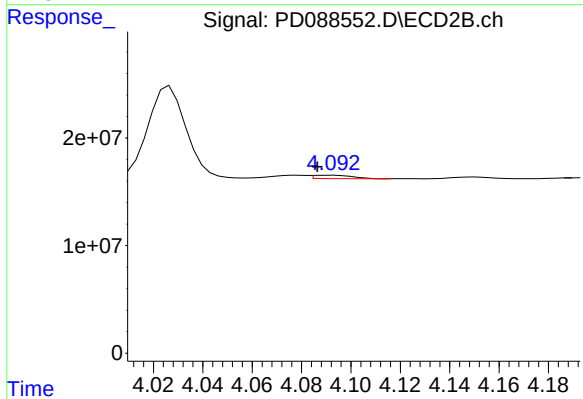
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.002 min
Response: 230251284
Conc: 10.69 ng/ml



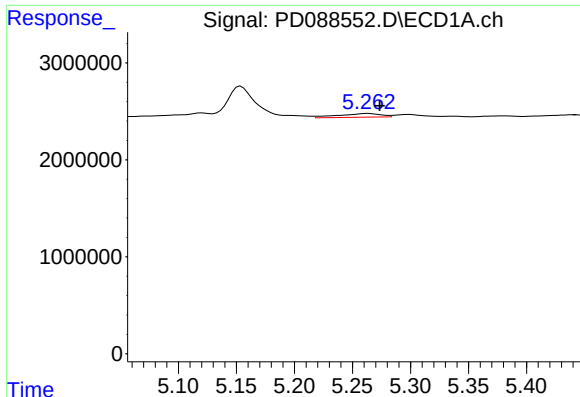
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: -0.015 min
Response: 953162
Conc: 0.24 ng/ml



#4 Heptachlor

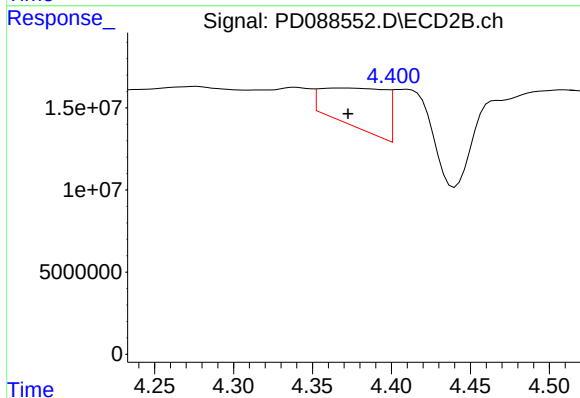
R.T.: 4.092 min
Delta R.T.: 0.006 min
Response: 3455723
Conc: 0.16 ng/ml



#5 Aldrin

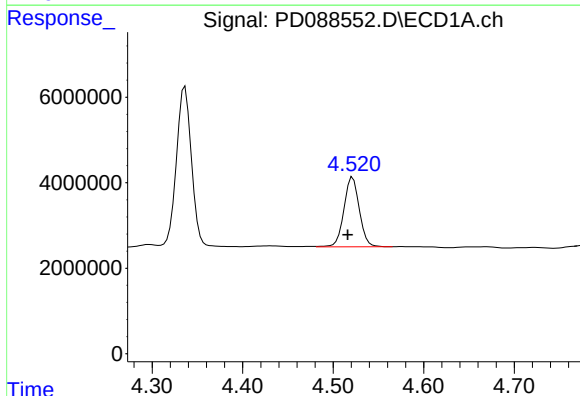
R.T.: 5.263 min
Delta R.T.: -0.010 min
Response: 969616
Conc: 0.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



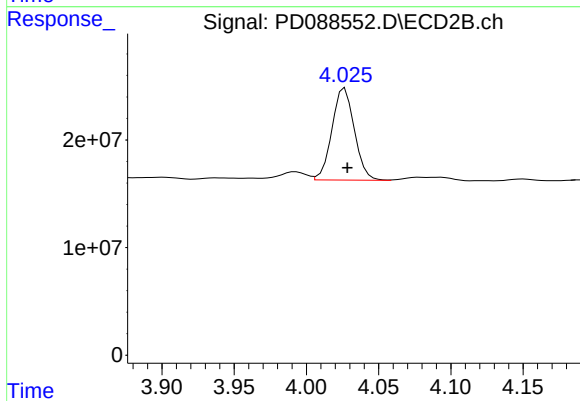
#5 Aldrin

R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 66824163
Conc: 3.21 ng/ml



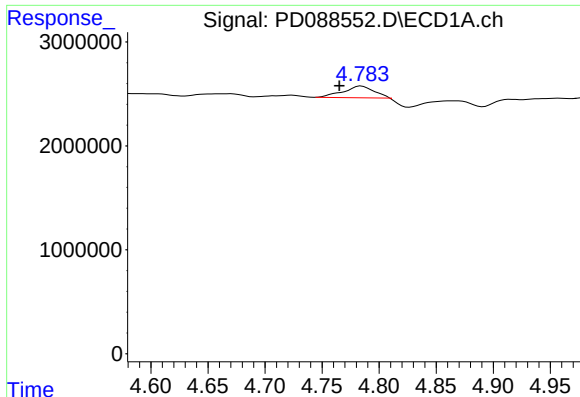
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: 0.005 min
Response: 19344346
Conc: 11.92 ng/ml



#6 beta-BHC

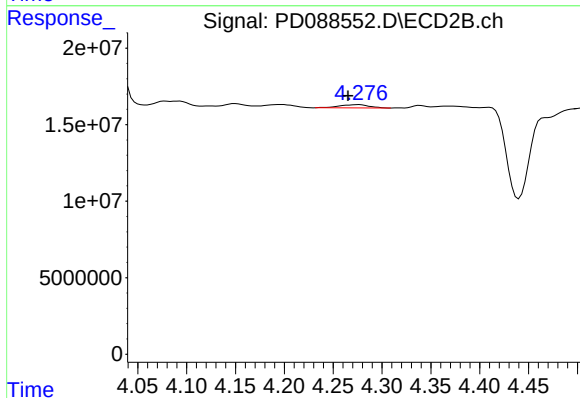
R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 92316778
Conc: 9.98 ng/ml



#7 delta-BHC

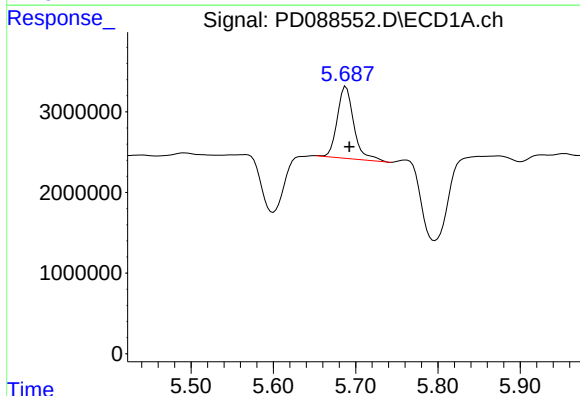
R.T.: 4.785 min
Delta R.T.: 0.019 min
Response: 2122671
Conc: 0.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



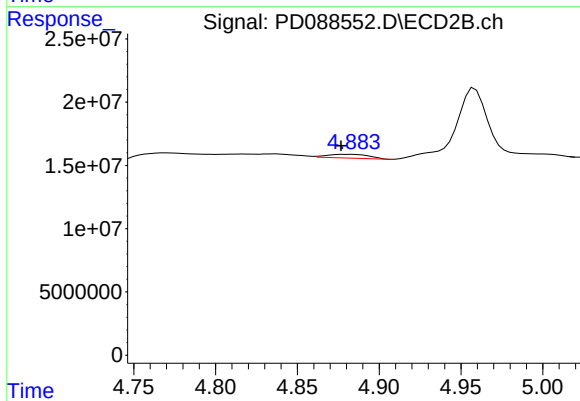
#7 delta-BHC

R.T.: 4.277 min
Delta R.T.: 0.011 min
Response: 4461981
Conc: 0.21 ng/ml



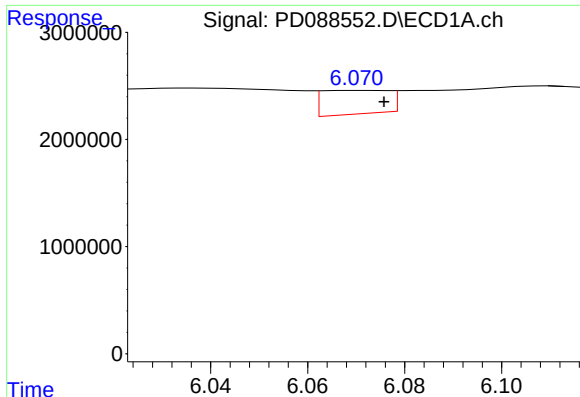
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.004 min
Response: 12504097
Conc: 3.50 ng/ml



#8 Heptachlor epoxide

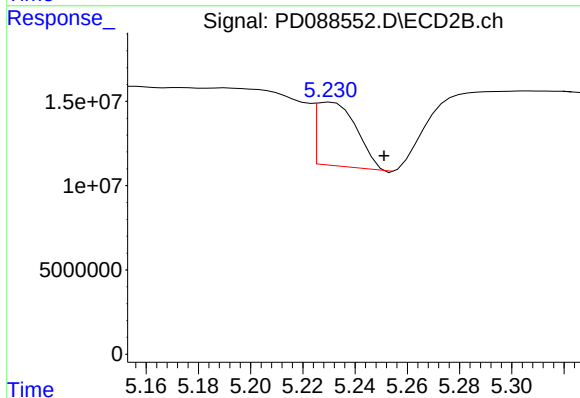
R.T.: 4.879 min
Delta R.T.: 0.002 min
Response: 5333496
Conc: 0.28 ng/ml



#9 Endosulfan I

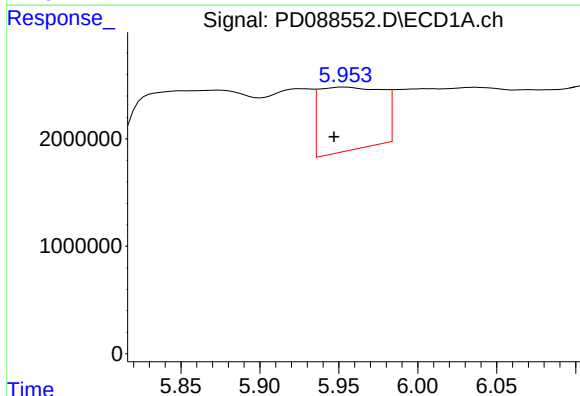
R.T.: 6.071 min
Delta R.T.: -0.005 min
Response: 2107038
Conc: 0.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



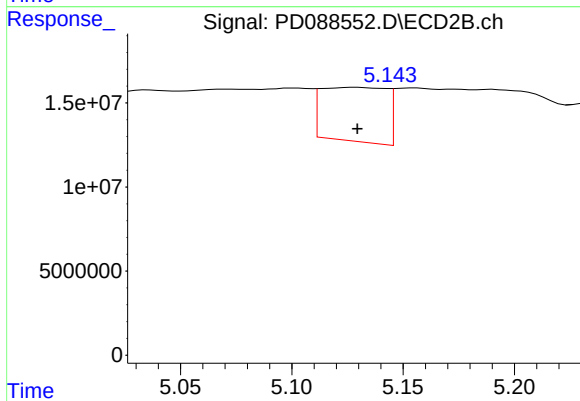
#9 Endosulfan I

R.T.: 5.231 min
Delta R.T.: -0.020 min
Response: 40826268
Conc: 2.27 ng/ml



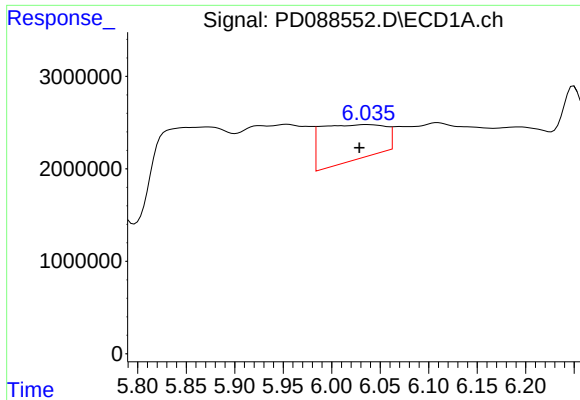
#10 gamma-Chlordane

R.T.: 5.954 min
Delta R.T.: 0.007 min
Response: 16338961
Conc: 4.51 ng/ml



#10 gamma-Chlordane

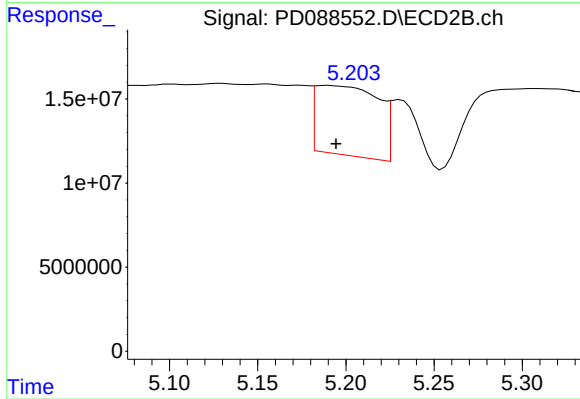
R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 65201640
Conc: 3.21 ng/ml



#11 alpha-Chlordane

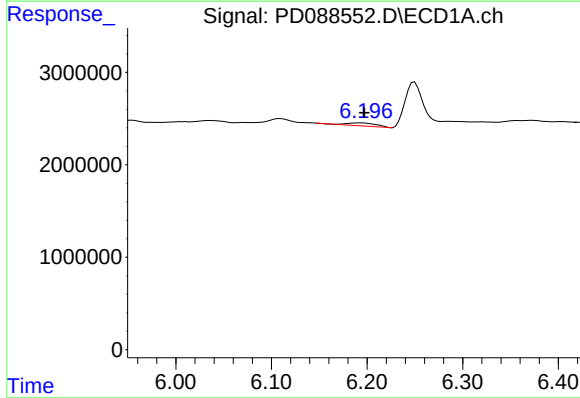
R.T.: 6.036 min
Delta R.T.: 0.008 min
Response: 17581477
Conc: 4.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



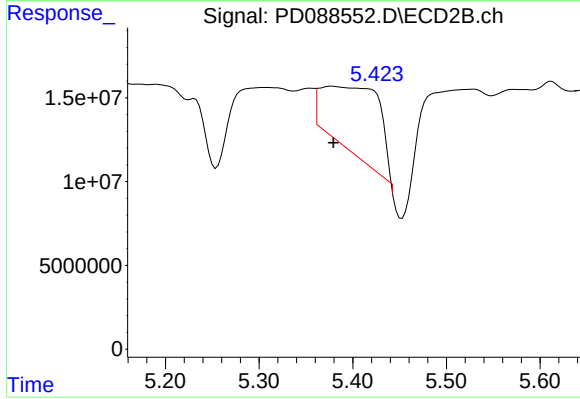
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: -0.004 min
Response: 101879282
Conc: 5.20 ng/ml



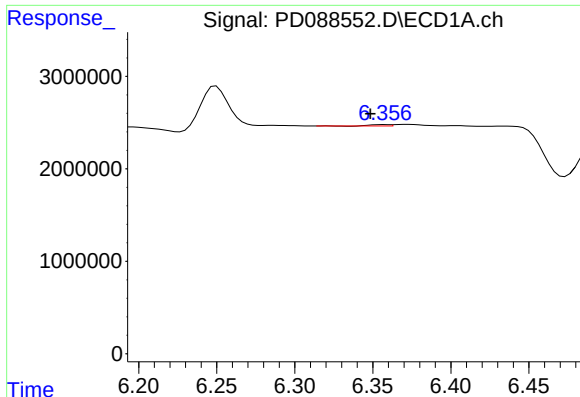
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: -0.004 min
Response: 707741
Conc: 0.21 ng/ml



#12 4,4'-DDE

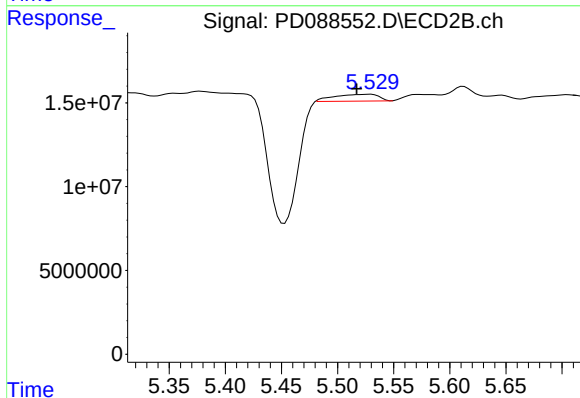
R.T.: 5.378 min
Delta R.T.: -0.002 min
Response: 163815737
Conc: 8.32 ng/ml



#13 Dieldrin

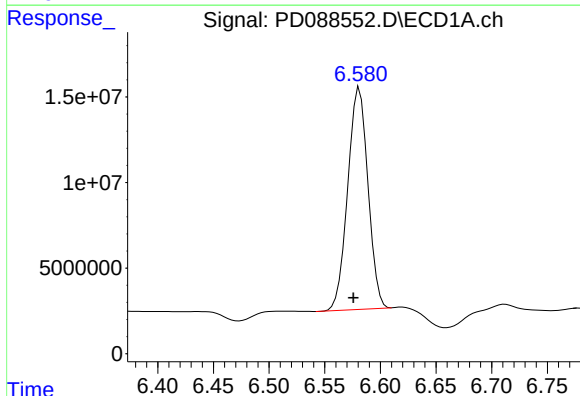
R.T.: 6.358 min
Delta R.T.: 0.010 min
Response: 95635
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



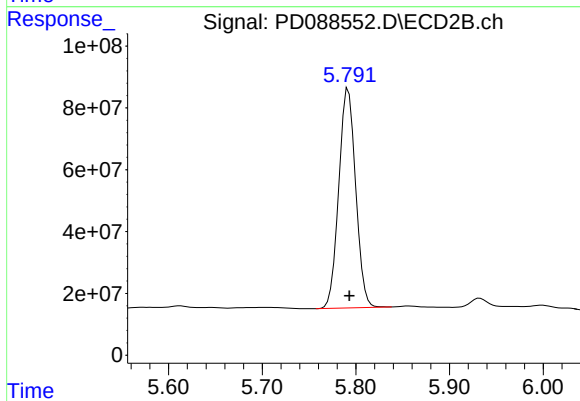
#13 Dieldrin

R.T.: 5.529 min
Delta R.T.: 0.012 min
Response: 11193669
Conc: 0.56 ng/ml



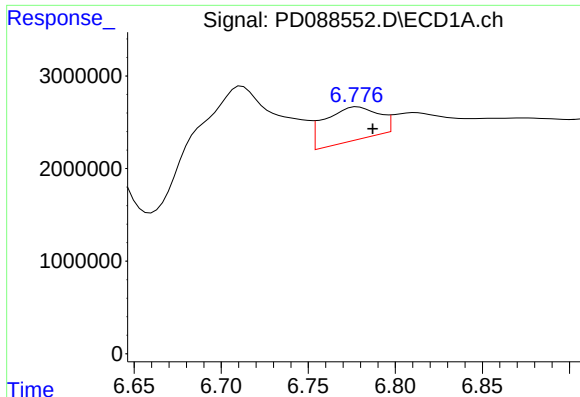
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.005 min
Response: 164297390
Conc: 55.09 ng/ml



#14 Endrin

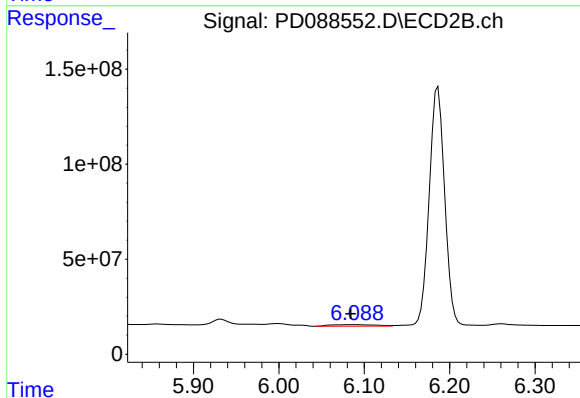
R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 891463757
Conc: 48.98 ng/ml



#15 Endosulfan II

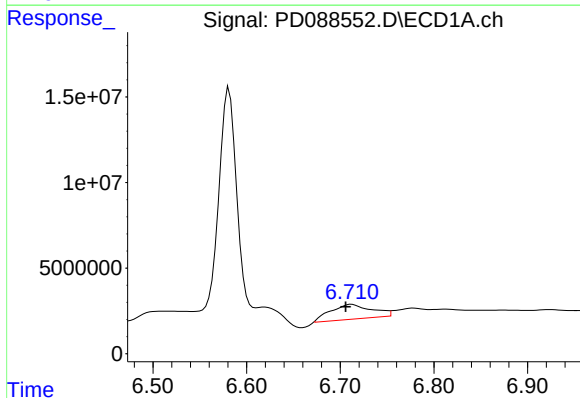
R.T.: 6.778 min
Delta R.T.: -0.009 min
Response: 7784631
Conc: 2.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



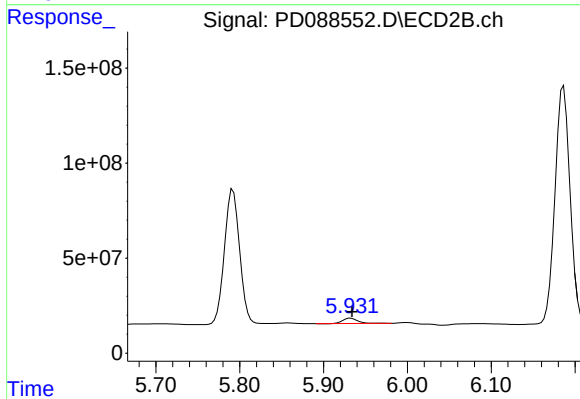
#15 Endosulfan II

R.T.: 6.088 min
Delta R.T.: 0.003 min
Response: 30369926
Conc: 1.73 ng/ml



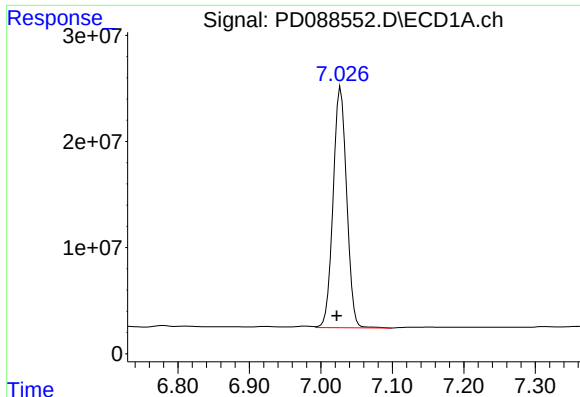
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.006 min
Response: 26371526
Conc: 10.49 ng/ml



#16 4,4'-DDD

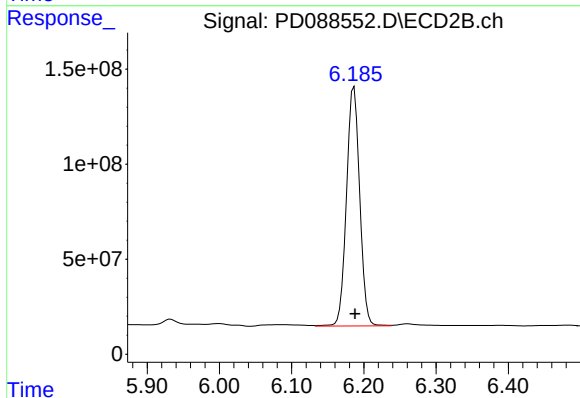
R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 34695900
Conc: 2.12 ng/ml



#17 4,4'-DDT

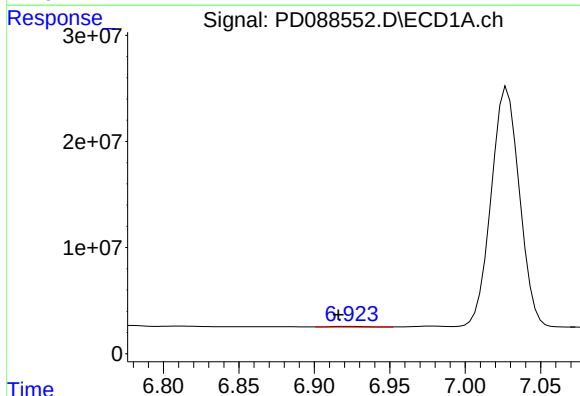
R.T.: 7.028 min
Delta R.T.: 0.006 min
Response: 298437565
Conc: 107.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



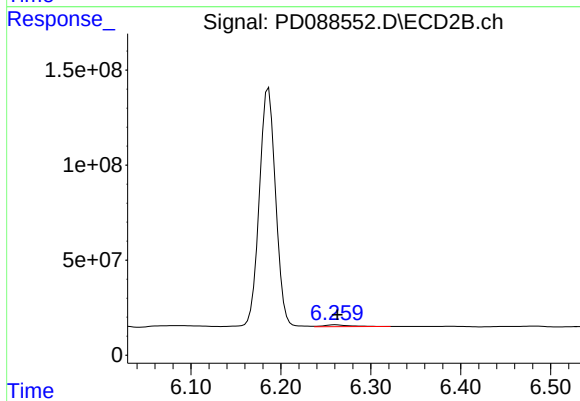
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 1588602250
Conc: 93.36 ng/ml



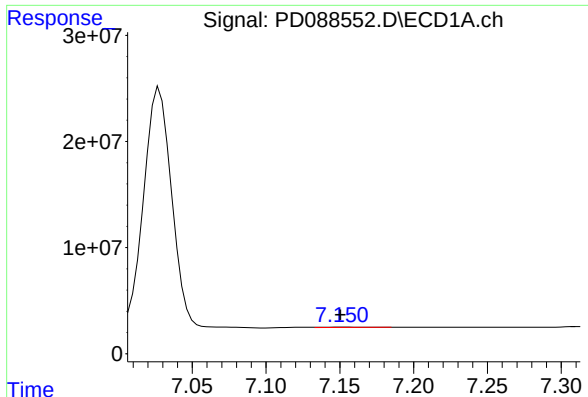
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.007 min
Response: 1361787
Conc: 0.59 ng/ml



#18 Endrin aldehyde

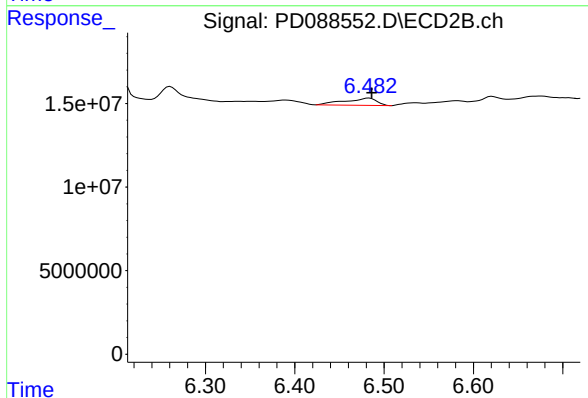
R.T.: 6.261 min
Delta R.T.: -0.002 min
Response: 18660914
Conc: 1.40 ng/ml



#19 Endosulfan Sulfate

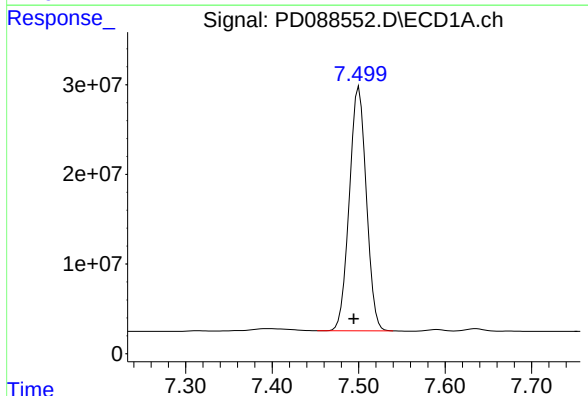
R.T.: 7.151 min
Delta R.T.: 0.000 min
Response: 525306
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



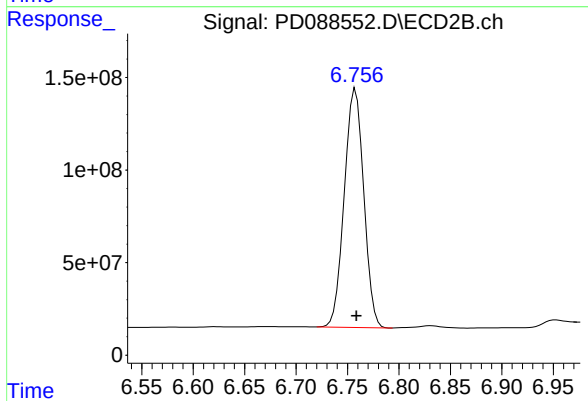
#19 Endosulfan Sulfate

R.T.: 6.483 min
Delta R.T.: -0.003 min
Response: 10729263
Conc: 0.63 ng/ml



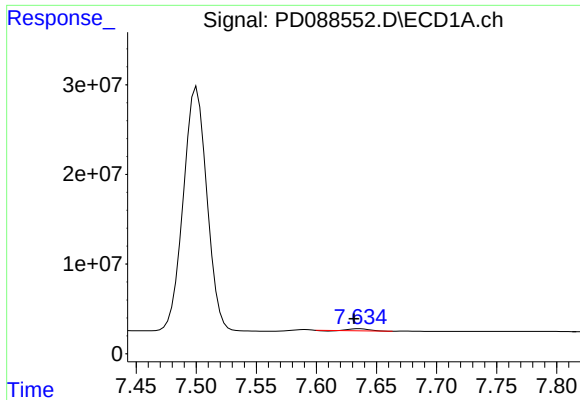
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.006 min
Response: 370551685
Conc: 247.11 ng/ml



#20 Methoxychlor

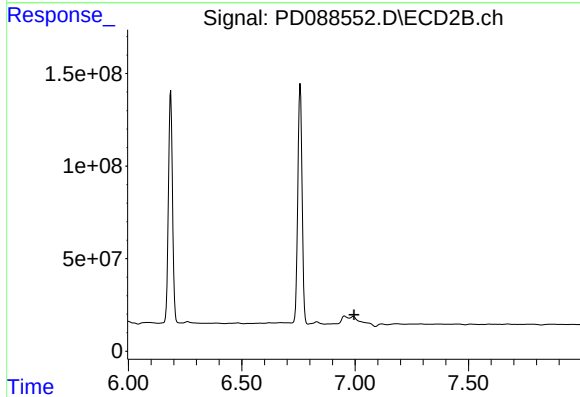
R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 1701019683
Conc: 186.49 ng/ml



#21 Endrin ketone

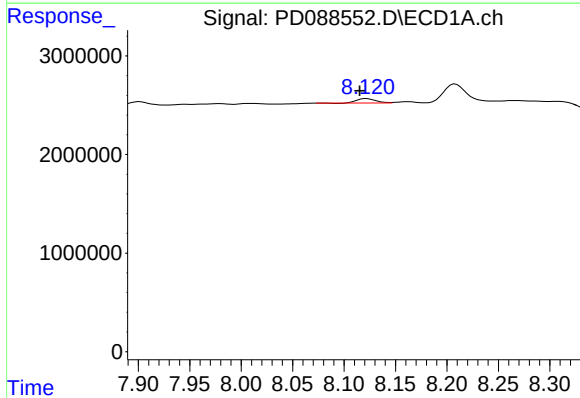
R.T.: 7.636 min
Delta R.T.: 0.004 min
Response: 2233833
Conc: 0.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



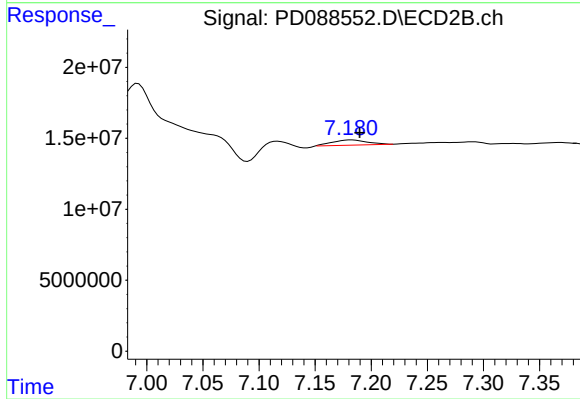
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: -0.003 min
Response: -1165927
Conc: N.D.



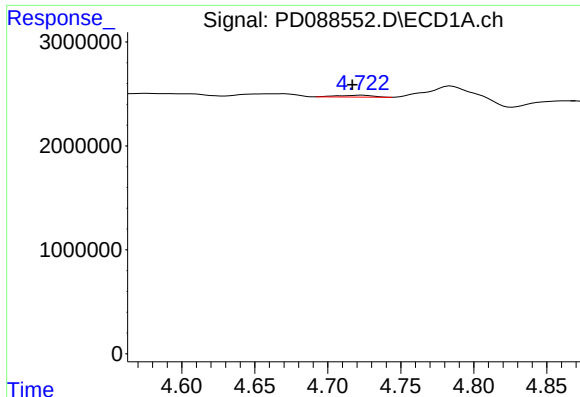
#22 Mirex

R.T.: 8.122 min
Delta R.T.: 0.007 min
Response: 576251
Conc: 0.25 ng/ml



#22 Mirex

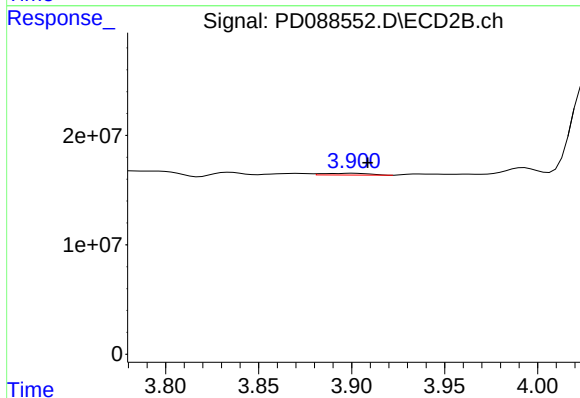
R.T.: 7.182 min
Delta R.T.: -0.008 min
Response: 7919070
Conc: 0.53 ng/ml



#23 Chlordane-1

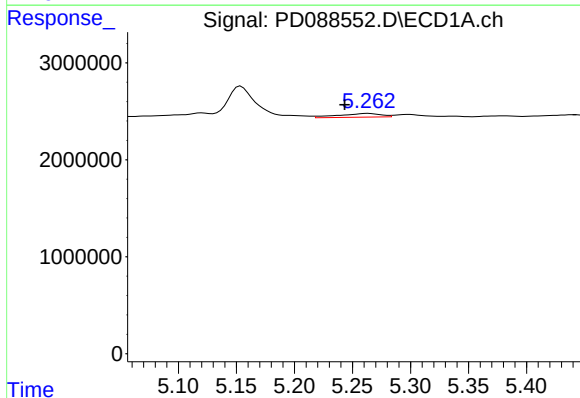
R.T.: 4.724 min
Delta R.T.: 0.007 min
Response: 298000
Conc: 1.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



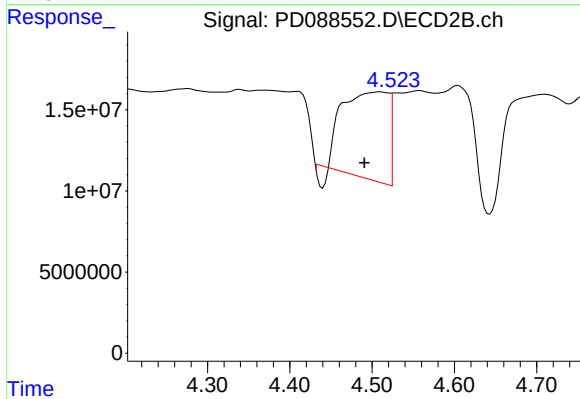
#23 Chlordane-1

R.T.: 3.901 min
Delta R.T.: -0.008 min
Response: 2890947
Conc: 3.61 ng/ml



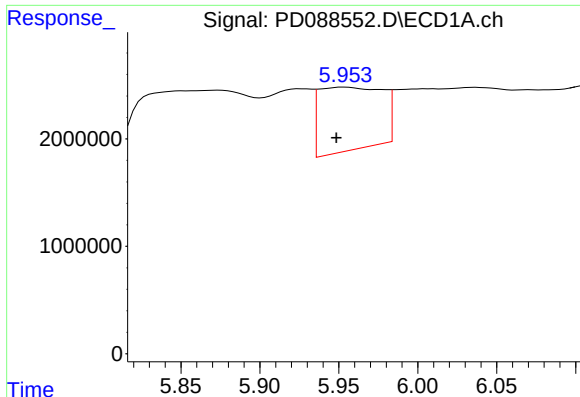
#24 Chlordane-2

R.T.: 5.263 min
Delta R.T.: 0.020 min
Response: 969616
Conc: 5.82 ng/ml



#24 Chlordane-2

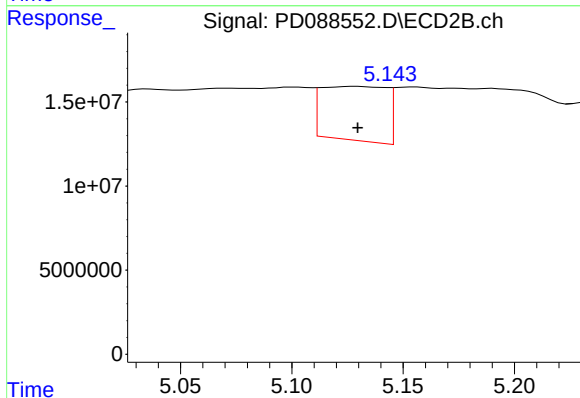
R.T.: 4.509 min
Delta R.T.: 0.018 min
Response: 201937254
Conc: 244.68 ng/ml



#25 Chlordane-3

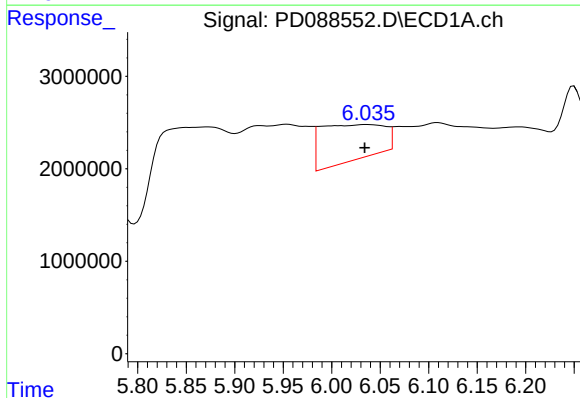
R.T.: 5.954 min
Delta R.T.: 0.006 min
Response: 16338961
Conc: 24.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



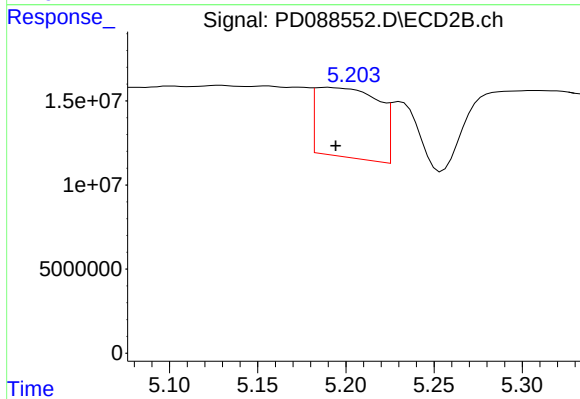
#25 Chlordane-3

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 65201640
Conc: 25.78 ng/ml



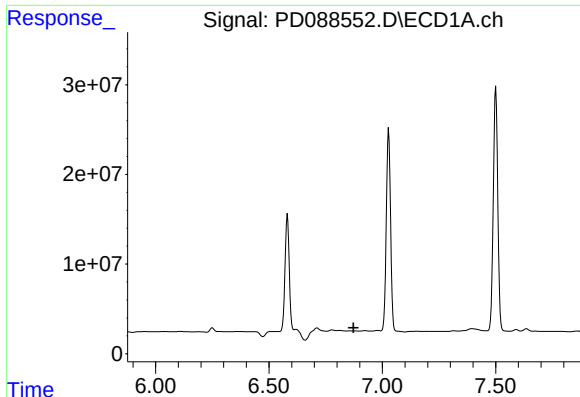
#26 Chlordane-4

R.T.: 6.036 min
Delta R.T.: 0.002 min
Response: 17581477
Conc: 21.56 ng/ml



#26 Chlordane-4

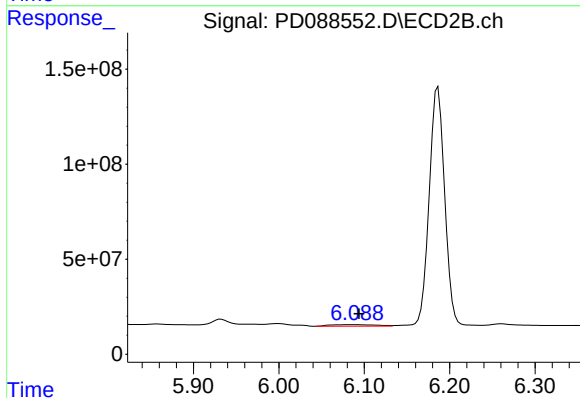
R.T.: 5.190 min
Delta R.T.: -0.004 min
Response: 101879282
Conc: 47.65 ng/ml



#27 Chlordane-5

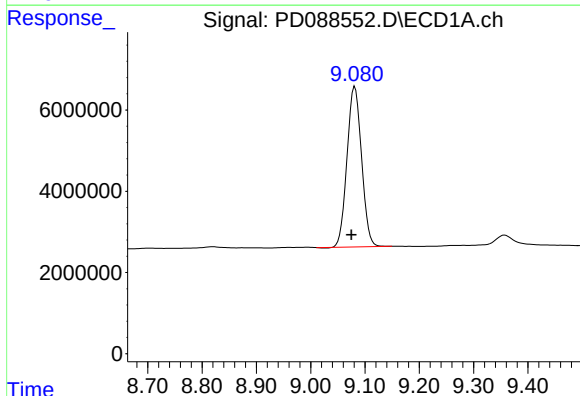
R.T.: 0.000 min
Exp R.T.: 6.873 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



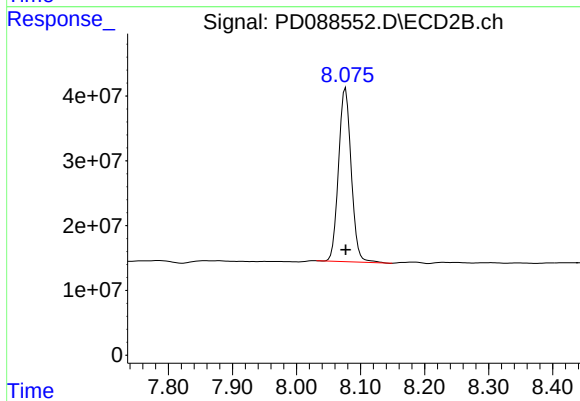
#27 Chlordane-5

R.T.: 6.088 min
Delta R.T.: -0.006 min
Response: 30369926
Conc: 31.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: 0.006 min
Response: 73616746
Conc: 22.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.077 min
Delta R.T.: 0.000 min
Response: 367017270
Conc: 19.86 ng/ml