

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043025\
 Data File : PD088347.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Apr 2025 10:53
 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 01 00:21:14 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...	3.558	2.882	42679229	298.4E6	21.367	20.411
28)	SA Decachlor...	9.087	8.079	66579372	352.7E6	20.126	19.086
Target Compounds							
2)	A alpha-BHC	4.008	3.395	42500183	242.6E6	9.856	10.613
3)	MA gamma-BHC...	4.339	3.732	43320620	230.0E6	10.345	10.679
4)	MA Heptachlor	4.941	4.086	205864	1095136	0.051	0.051
5)	MB Aldrin	5.263	4.366	137303	1738440	0.035	0.084 #
6)	B beta-BHC	4.524	4.028	18069602	101.9E6	11.131	11.007
7)	B delta-BHC	4.788f	4.275	2003286	560186	0.486	0.026 #
8)	B Heptachlo...	5.685	4.879	186130	243565	0.052	0.013 #
9)	A Endosulfan I	6.043f	5.242	1363382	1349071	0.404	0.075 #
10)	B gamma-Chl...	5.956	5.130	1635359	14962390	0.452	0.737 #
11)	B alpha-Chl...	6.043	5.193	1363382	4475315	0.378	0.228 #
12)	B 4,4'-DDE	6.208	5.382	-16249	1766746	N.D.	0.090
13)	MA Dieldrin	6.376f	5.513	733678	-64415	0.206	N.D. #
14)	MA Endrin	6.584	5.794	159.2E6	859.0E6	53.388	47.189
15)	B Endosulfa...	0.000	6.092	0	3566826	N.D.	0.204 #
16)	A 4,4'-DDD	6.714	5.935	9034081	66737558	3.592	4.073
17)	MA 4,4'-DDT	7.032	6.189	282.4E6	1475.0E6	101.663	86.678
18)	B Endrin al...	6.928	6.263	1177587	8331830	0.510	0.626
19)	B Endosulfa...	7.154	6.500	143672	331962	0.050	0.019 #
20)	A Methoxychlor	7.504	6.760	346.3E6	1608.0E6	230.960	176.294
21)	B Endrin ke...	7.639	6.997	1563466	27773565	0.507	1.485 #
22)	Mirex	8.110	7.184	8320744	2345637	3.543	0.158 #
23)	Chlordane-1	0.000	3.906	0	1061607	N.D.	1.324 #
24)	Chlordane-2	5.244	4.493	75514	856704	0.453	1.038 #
25)	Chlordane-3	5.956	5.130	1635359	14962390	2.424	5.916 #
26)	Chlordane-4	6.043	5.193	1363382	4475315	1.672	2.093 #
27)	Chlordane-5	0.000	6.092	0	3566826	N.D.	3.694 #

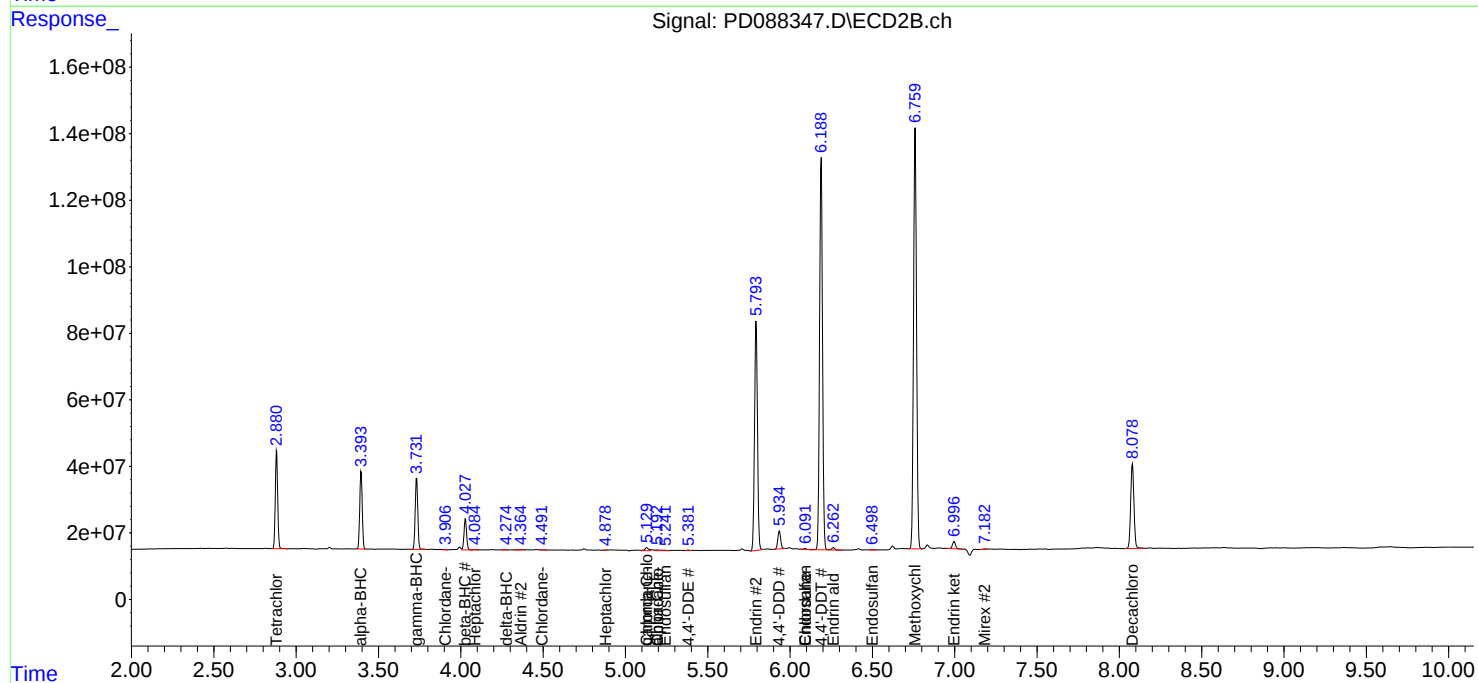
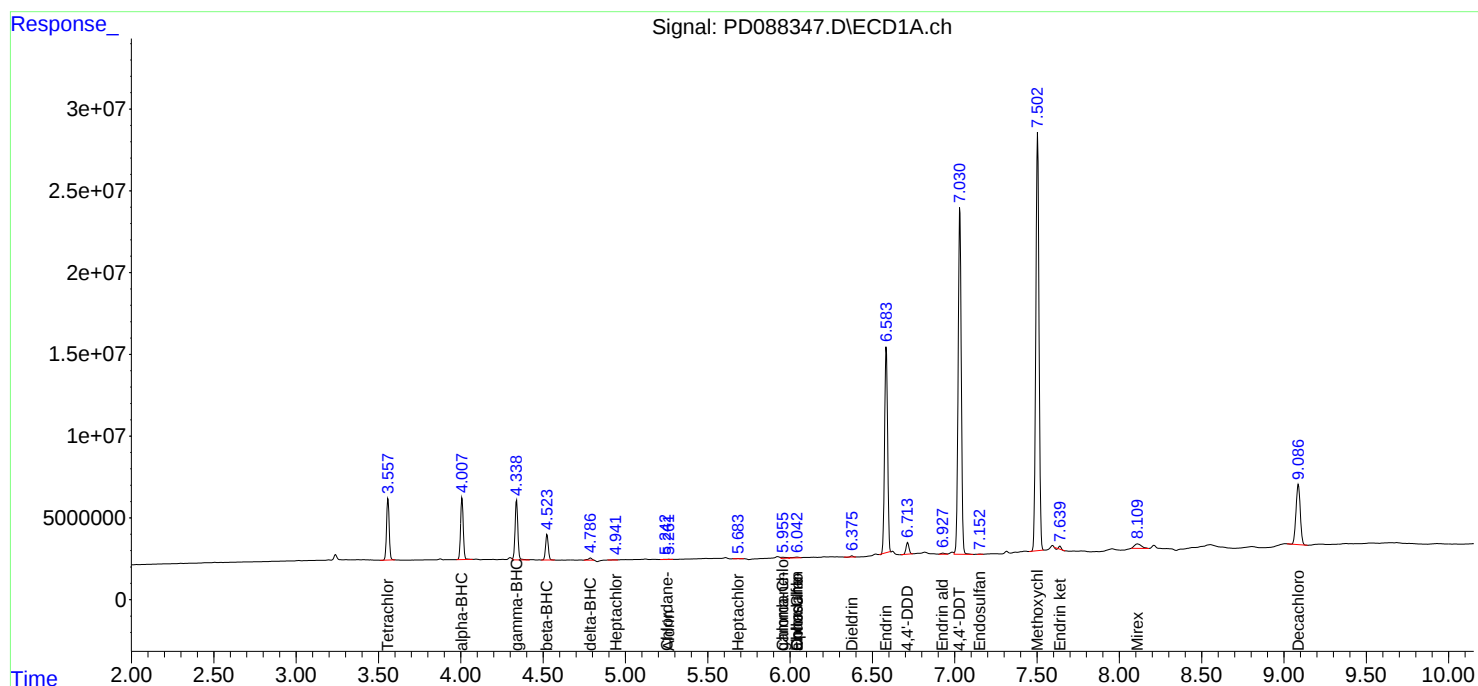
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

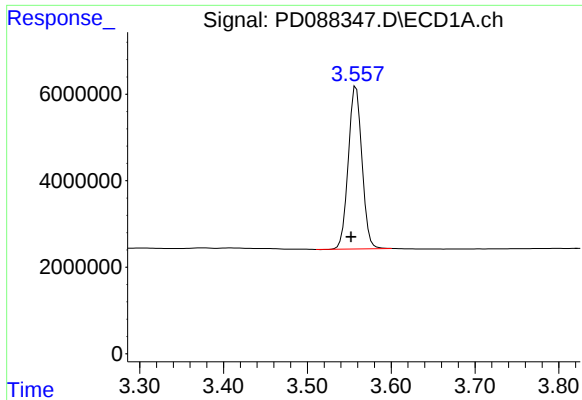
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043025\
Data File : PD088347.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2025 10:53
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 00:21:14 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

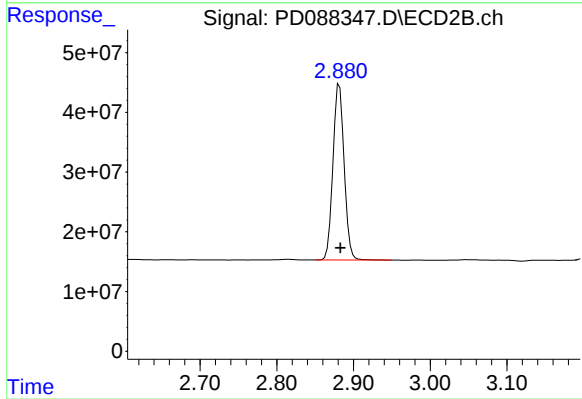




#1 Tetrachloro-m-xylene

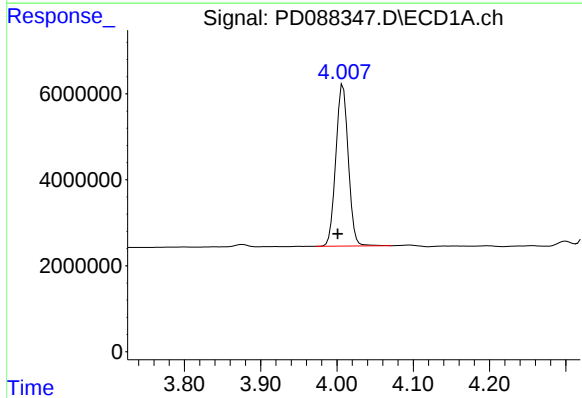
R.T.: 3.558 min
Delta R.T.: 0.006 min
Response: 42679229
Conc: 21.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



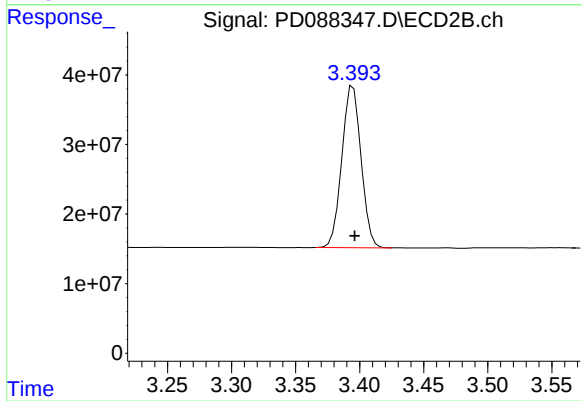
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: -0.001 min
Response: 298441027
Conc: 20.41 ng/ml



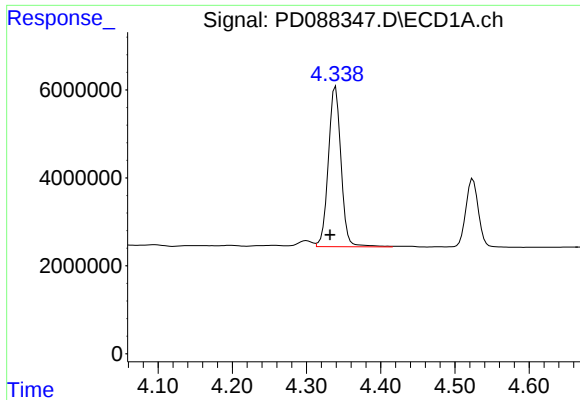
#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: 0.007 min
Response: 42500183
Conc: 9.86 ng/ml



#2 alpha-BHC

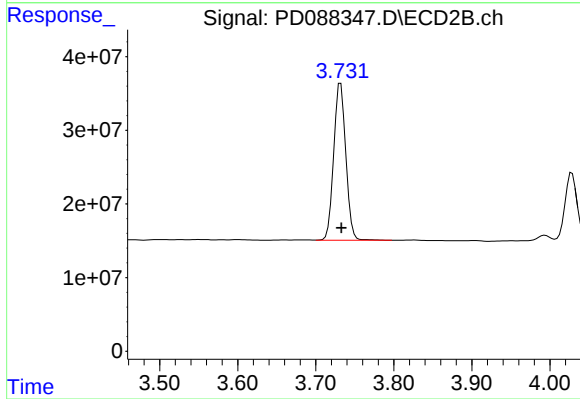
R.T.: 3.395 min
Delta R.T.: -0.001 min
Response: 242620746
Conc: 10.61 ng/ml



#3 gamma-BHC (Lindane)

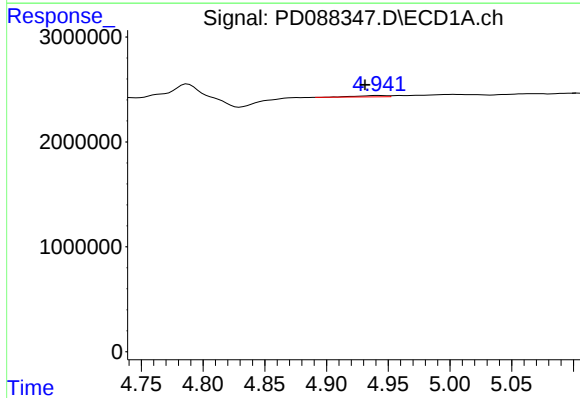
R.T.: 4.339 min
Delta R.T.: 0.007 min
Response: 43320620
Conc: 10.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



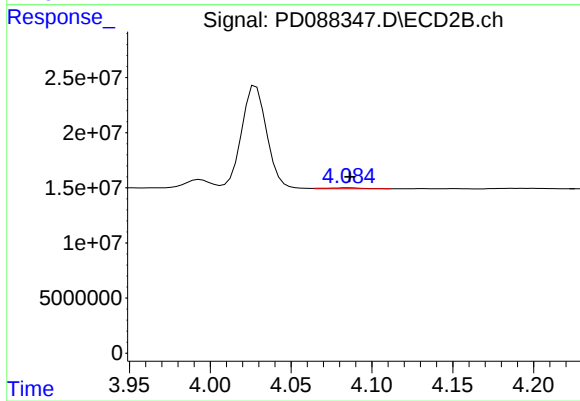
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: 0.000 min
Response: 230020372
Conc: 10.68 ng/ml



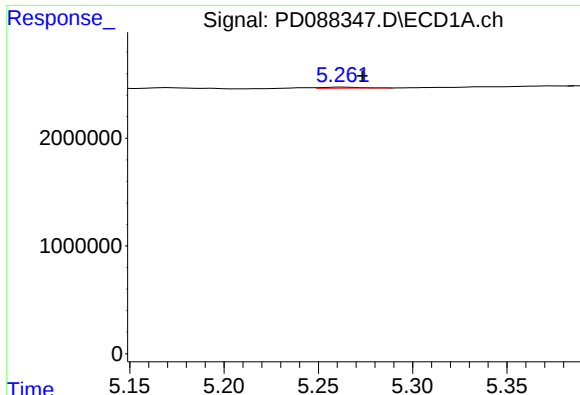
#4 Heptachlor

R.T.: 4.941 min
Delta R.T.: 0.010 min
Response: 205864
Conc: 0.05 ng/ml



#4 Heptachlor

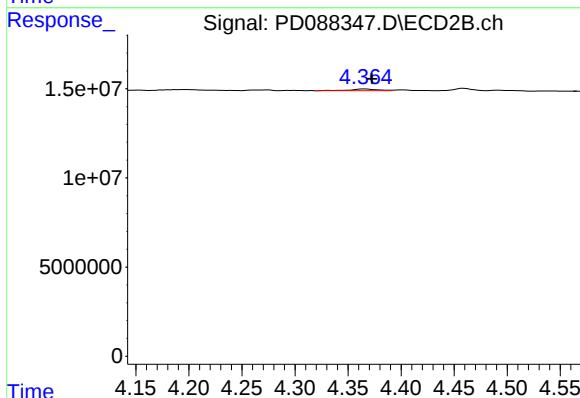
R.T.: 4.086 min
Delta R.T.: 0.000 min
Response: 1095136
Conc: 0.05 ng/ml



#5 Aldrin

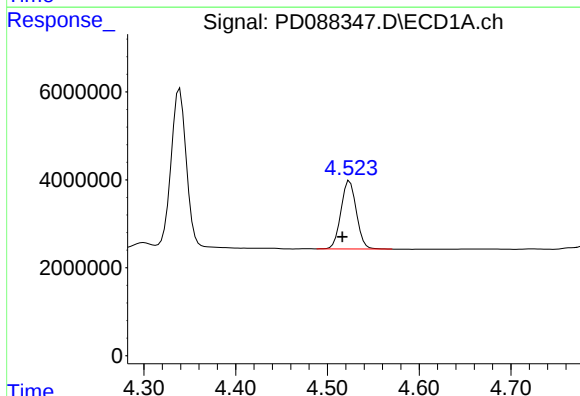
R.T.: 5.263 min
Delta R.T.: -0.010 min
Response: 137303
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



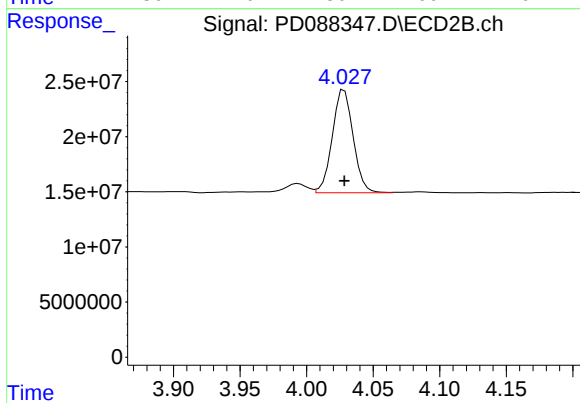
#5 Aldrin

R.T.: 4.366 min
Delta R.T.: -0.007 min
Response: 1738440
Conc: 0.08 ng/ml



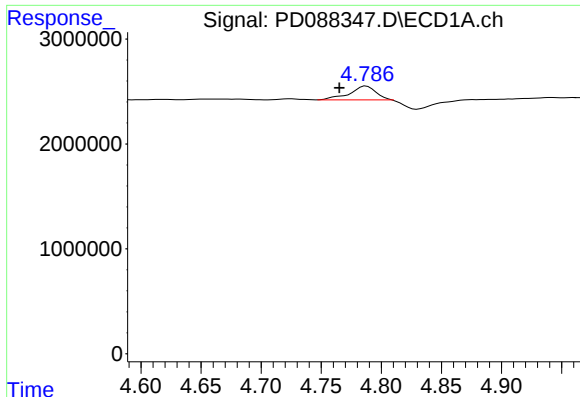
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.008 min
Response: 18069602
Conc: 11.13 ng/ml



#6 beta-BHC

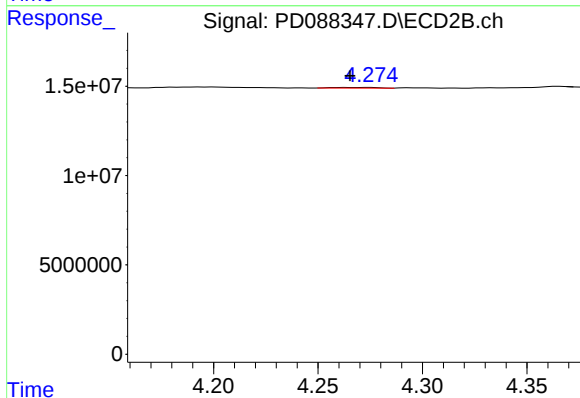
R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 101856956
Conc: 11.01 ng/ml



#7 delta-BHC

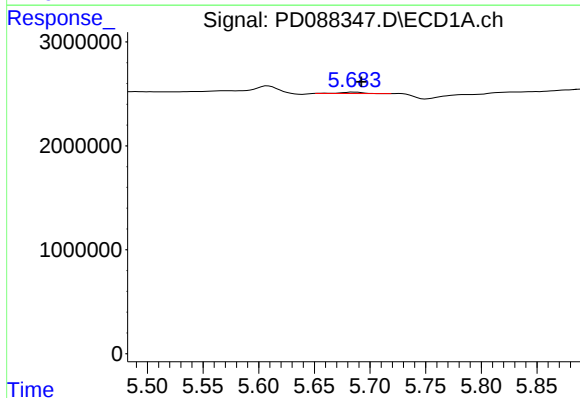
R.T.: 4.788 min
Delta R.T.: 0.022 min
Response: 2003286
Conc: 0.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



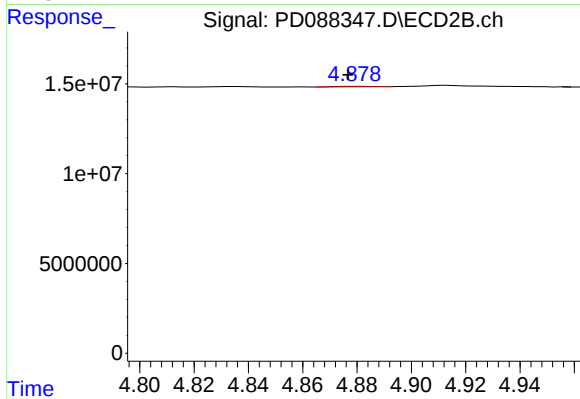
#7 delta-BHC

R.T.: 4.275 min
Delta R.T.: 0.010 min
Response: 560186
Conc: 0.03 ng/ml



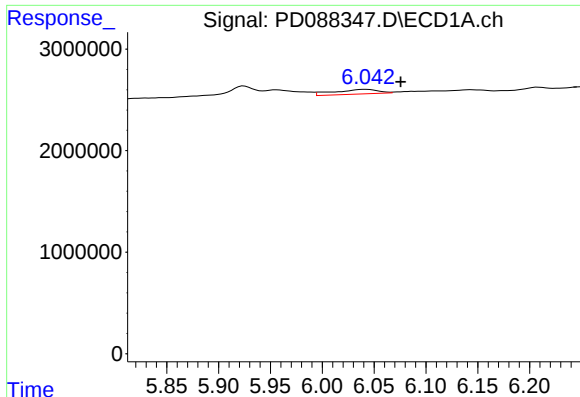
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: -0.007 min
Response: 186130
Conc: 0.05 ng/ml



#8 Heptachlor epoxide

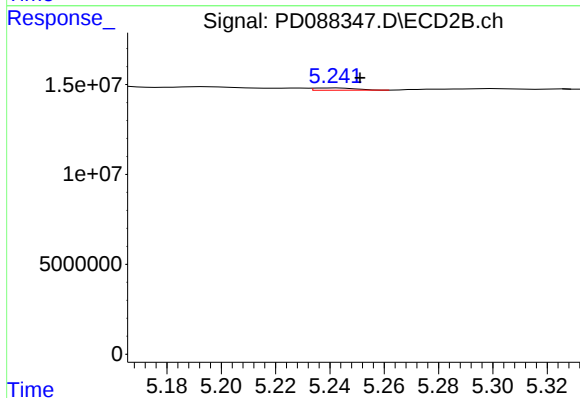
R.T.: 4.879 min
Delta R.T.: 0.003 min
Response: 243565
Conc: 0.01 ng/ml



#9 Endosulfan I

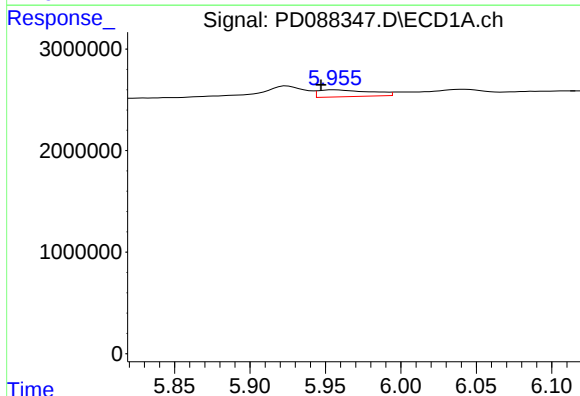
R.T.: 6.043 min
Delta R.T.: -0.033 min
Response: 1363382
Conc: 0.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



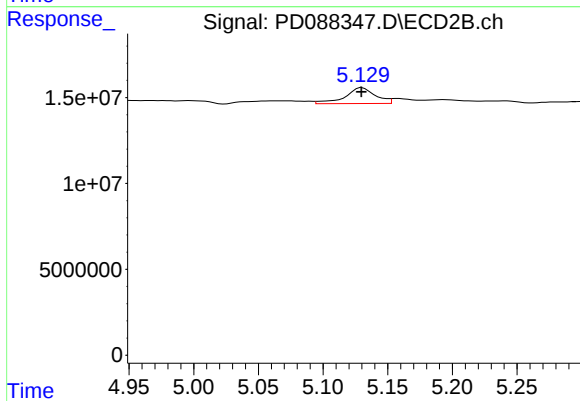
#9 Endosulfan I

R.T.: 5.242 min
Delta R.T.: -0.009 min
Response: 1349071
Conc: 0.07 ng/ml



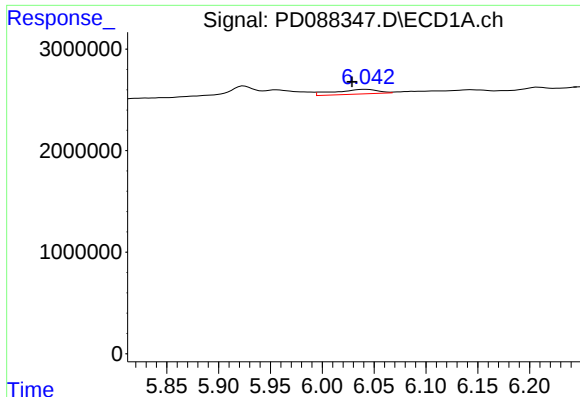
#10 gamma-Chlordane

R.T.: 5.956 min
Delta R.T.: 0.009 min
Response: 1635359
Conc: 0.45 ng/ml



#10 gamma-Chlordane

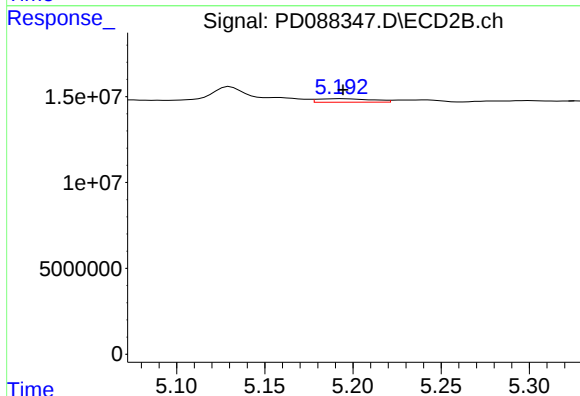
R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 14962390
Conc: 0.74 ng/ml



#11 alpha-Chlordane

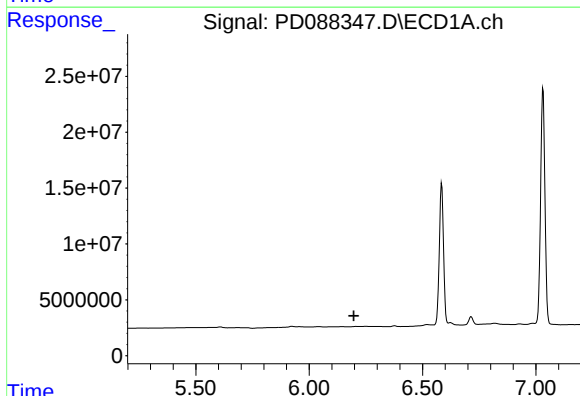
R.T.: 6.043 min
Delta R.T.: 0.014 min
Response: 1363382
Conc: 0.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



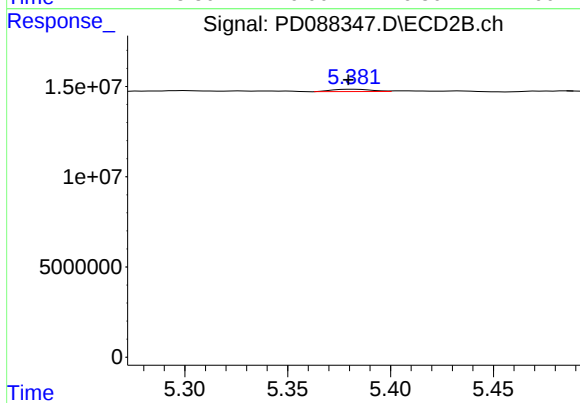
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 4475315
Conc: 0.23 ng/ml



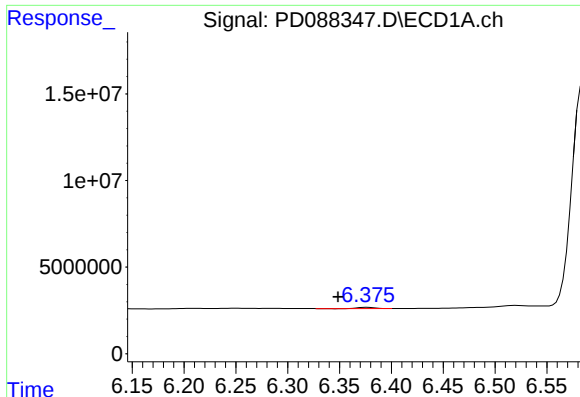
#12 4,4'-DDE

R.T.: 6.208 min
Delta R.T.: 0.011 min
Response: -16249
Conc: N.D.



#12 4,4'-DDE

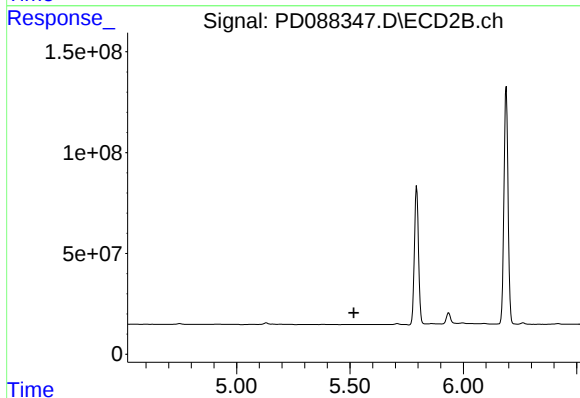
R.T.: 5.382 min
Delta R.T.: 0.003 min
Response: 1766746
Conc: 0.09 ng/ml



#13 Dieldrin

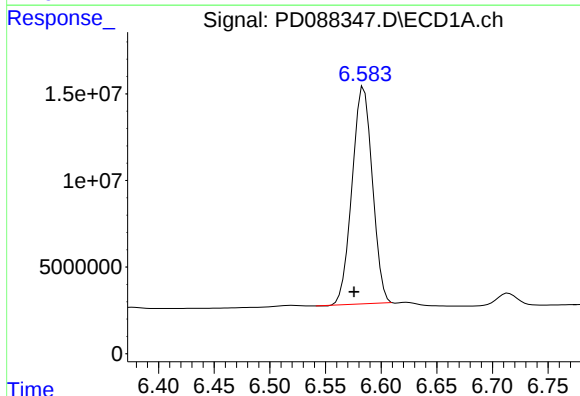
R.T.: 6.376 min
Delta R.T.: 0.028 min
Response: 733678
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



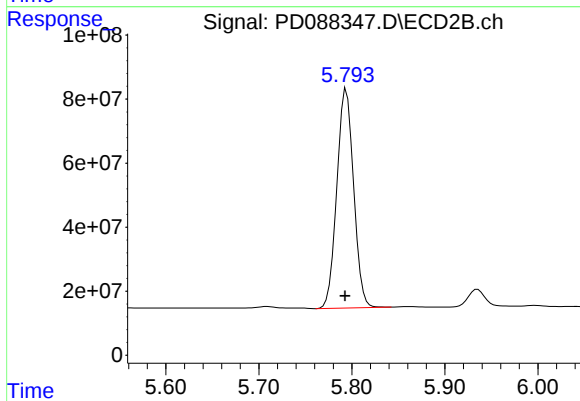
#13 Dieldrin

R.T.: 5.513 min
Delta R.T.: -0.004 min
Response: -64415
Conc: N.D.



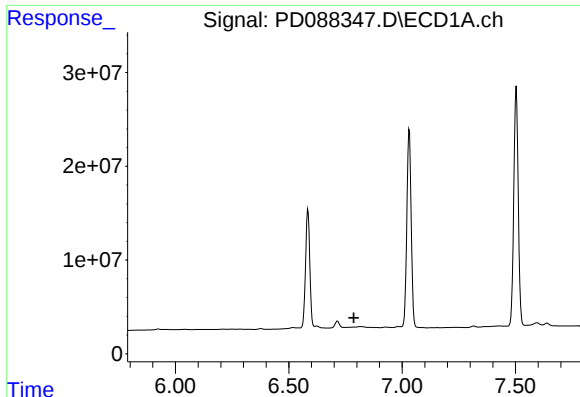
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.009 min
Response: 159234420
Conc: 53.39 ng/ml



#14 Endrin

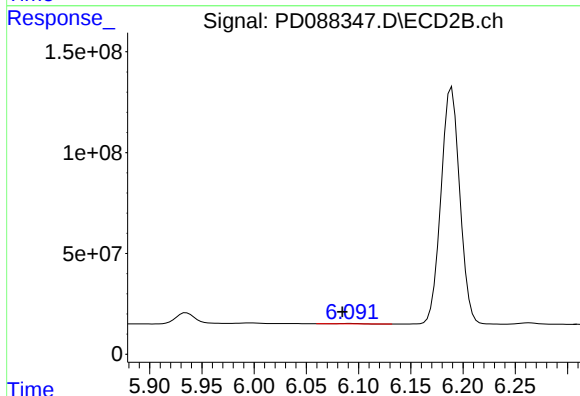
R.T.: 5.794 min
Delta R.T.: 0.001 min
Response: 858950194
Conc: 47.19 ng/ml



#15 Endosulfan II

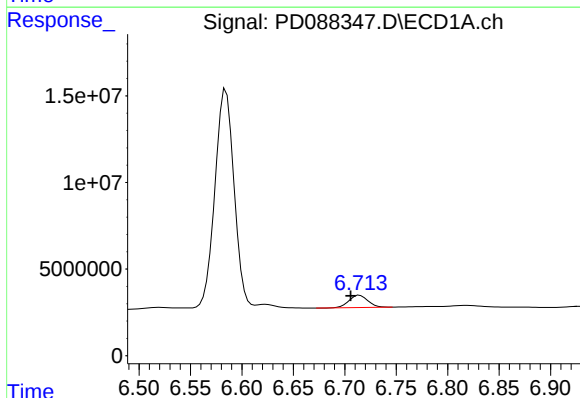
R.T.: 0.000 min
Exp R.T.: 6.787 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



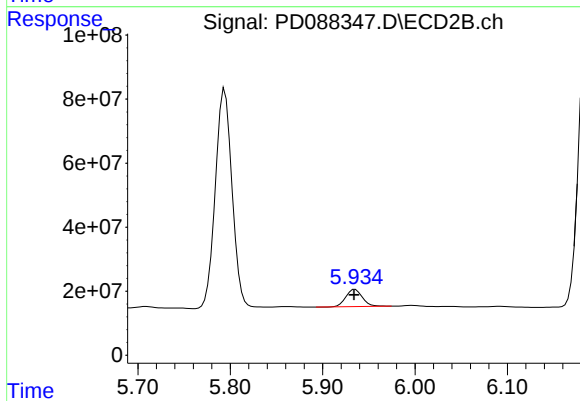
#15 Endosulfan II

R.T.: 6.092 min
Delta R.T.: 0.008 min
Response: 3566826
Conc: 0.20 ng/ml



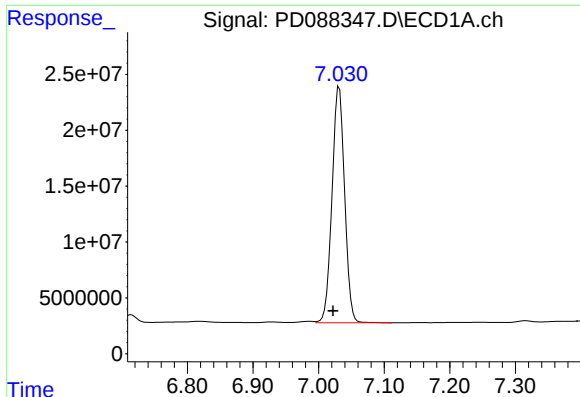
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.009 min
Response: 9034081
Conc: 3.59 ng/ml



#16 4,4'-DDD

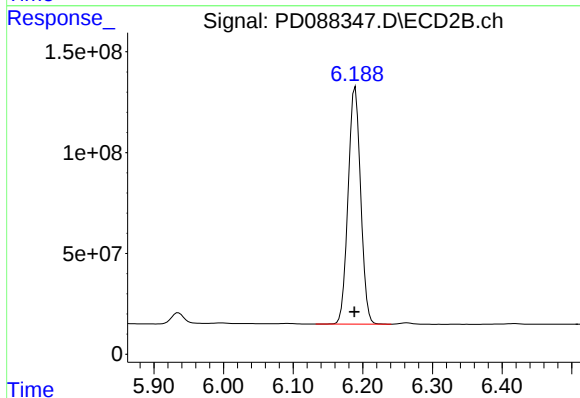
R.T.: 5.935 min
Delta R.T.: 0.001 min
Response: 66737558
Conc: 4.07 ng/ml



#17 4,4'-DDT

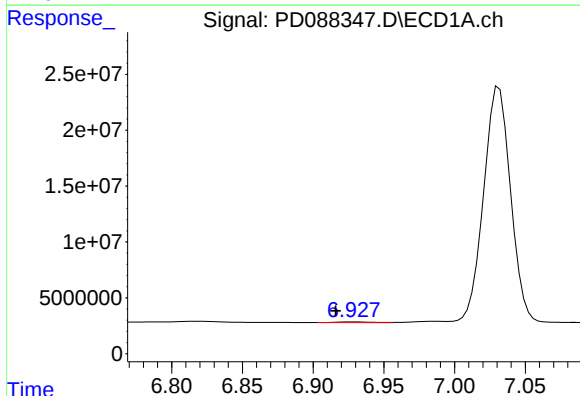
R.T.: 7.032 min
Delta R.T.: 0.010 min
Response: 282372076
Conc: 101.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



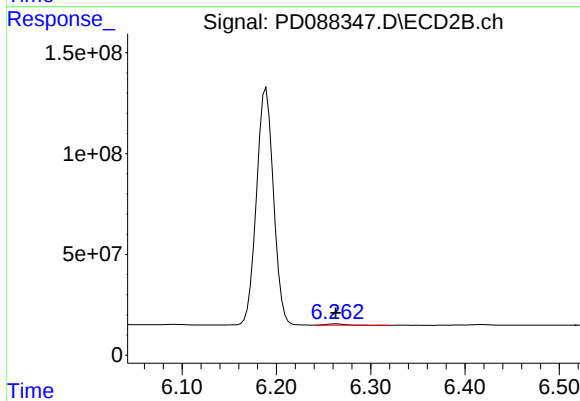
#17 4,4'-DDT

R.T.: 6.189 min
Delta R.T.: 0.001 min
Response: 1474955368
Conc: 86.68 ng/ml



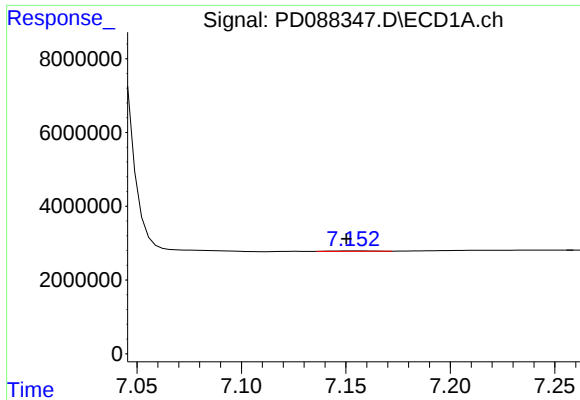
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.012 min
Response: 1177587
Conc: 0.51 ng/ml



#18 Endrin aldehyde

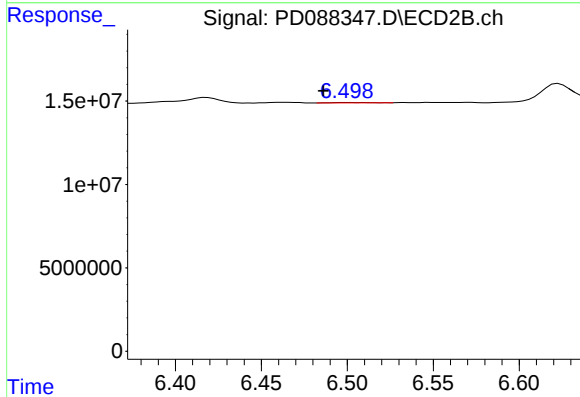
R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 8331830
Conc: 0.63 ng/ml



#19 Endosulfan Sulfate

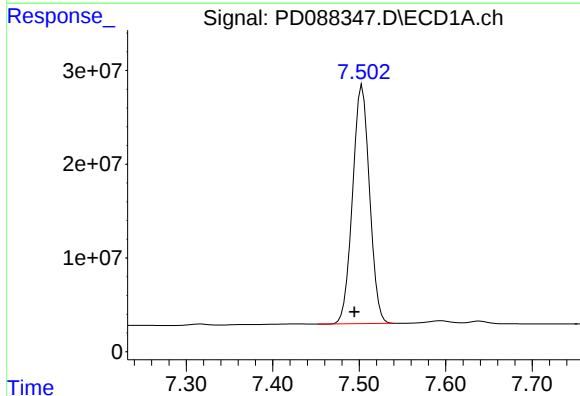
R.T.: 7.154 min
Delta R.T.: 0.004 min
Response: 143672
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



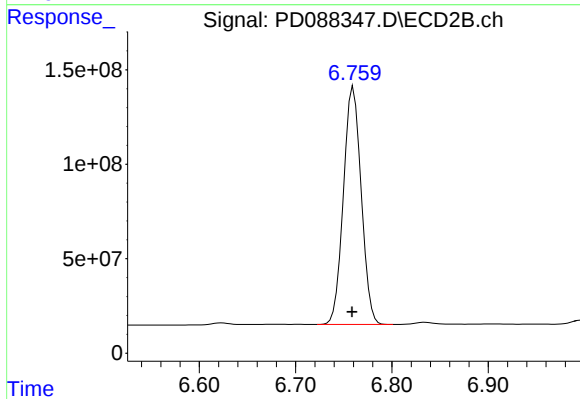
#19 Endosulfan Sulfate

R.T.: 6.500 min
Delta R.T.: 0.014 min
Response: 331962
Conc: 0.02 ng/ml



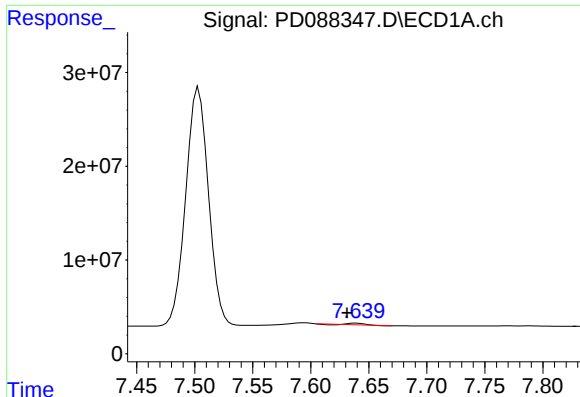
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.009 min
Response: 346335115
Conc: 230.96 ng/ml



#20 Methoxychlor

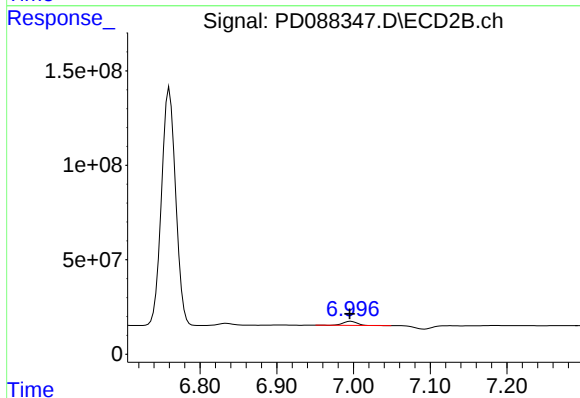
R.T.: 6.760 min
Delta R.T.: 0.001 min
Response: 1607991512
Conc: 176.29 ng/ml



#21 Endrin ketone

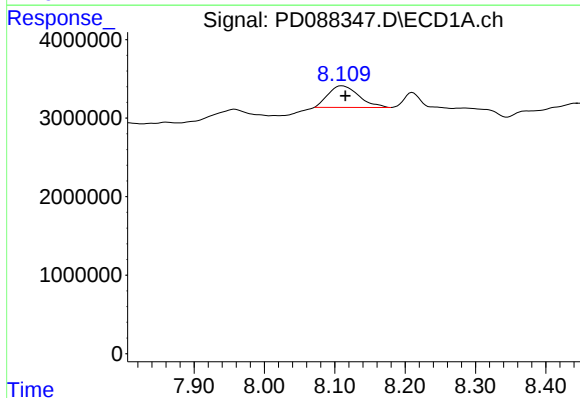
R.T.: 7.639 min
Delta R.T.: 0.008 min
Response: 1563466
Conc: 0.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



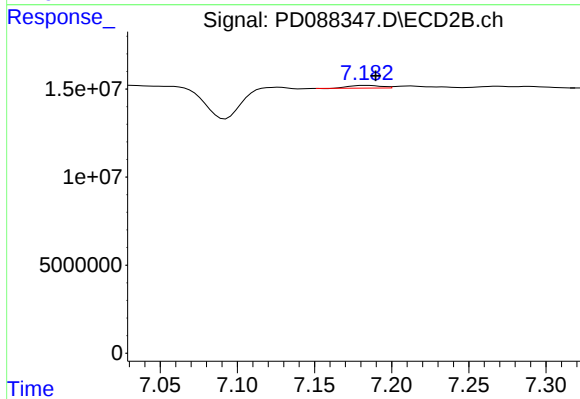
#21 Endrin ketone

R.T.: 6.997 min
Delta R.T.: 0.002 min
Response: 27773565
Conc: 1.48 ng/ml



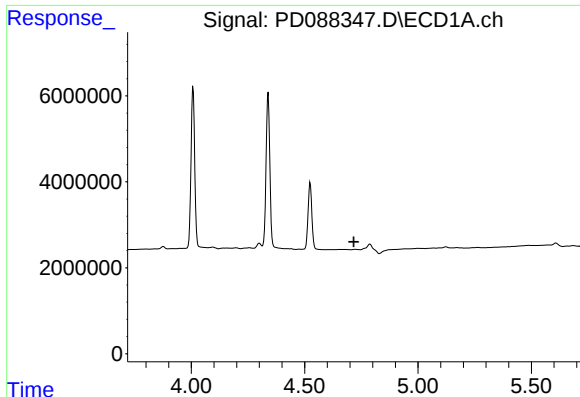
#22 Mirex

R.T.: 8.110 min
Delta R.T.: -0.005 min
Response: 8320744
Conc: 3.54 ng/ml



#22 Mirex

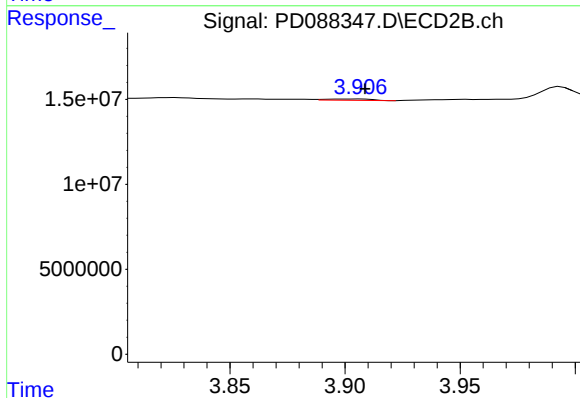
R.T.: 7.184 min
Delta R.T.: -0.006 min
Response: 2345637
Conc: 0.16 ng/ml



#23 Chlordane-1

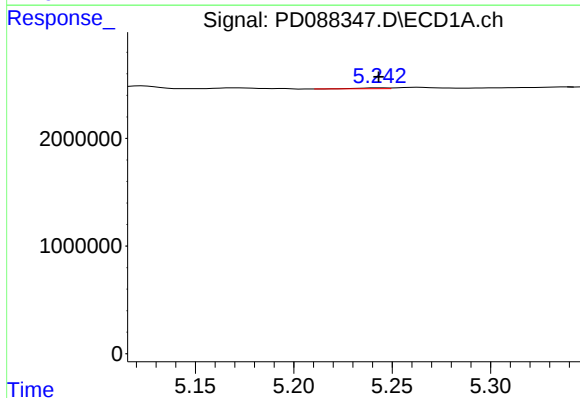
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



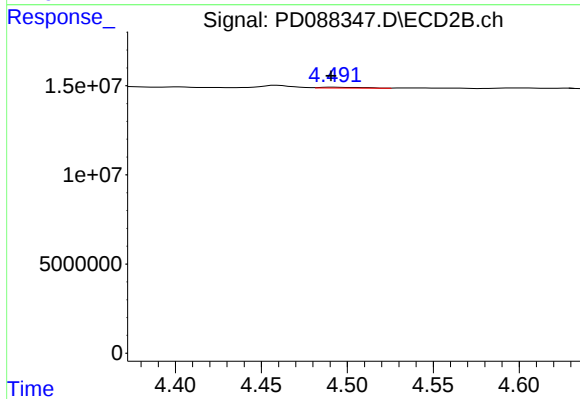
#23 Chlordane-1

R.T.: 3.906 min
Delta R.T.: -0.003 min
Response: 1061607
Conc: 1.32 ng/ml



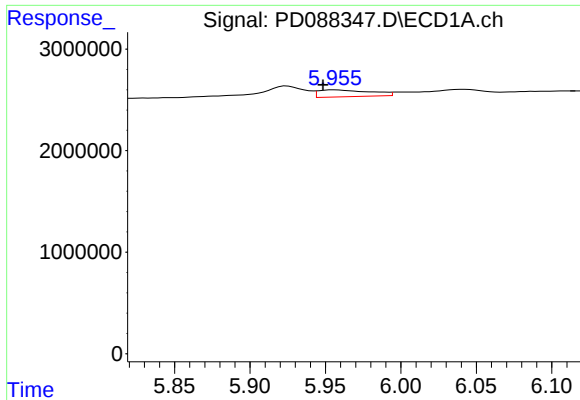
#24 Chlordane-2

R.T.: 5.244 min
Delta R.T.: 0.000 min
Response: 75514
Conc: 0.45 ng/ml



#24 Chlordane-2

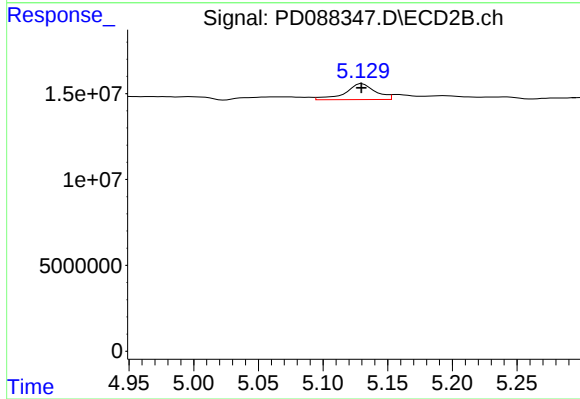
R.T.: 4.493 min
Delta R.T.: 0.002 min
Response: 856704
Conc: 1.04 ng/ml



#25 Chlordane-3

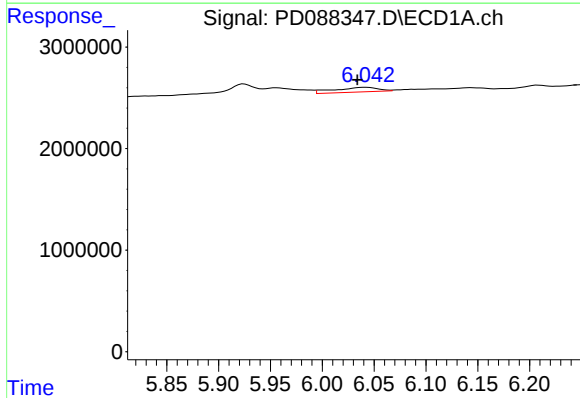
R.T.: 5.956 min
Delta R.T.: 0.008 min
Response: 1635359
Conc: 2.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



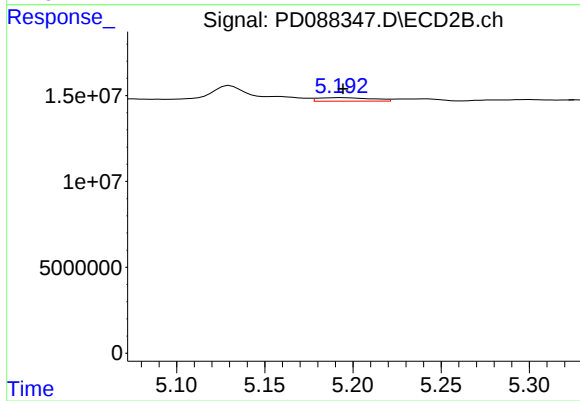
#25 Chlordane-3

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 14962390
Conc: 5.92 ng/ml



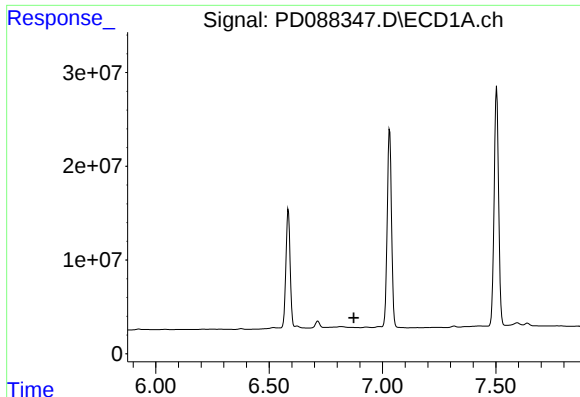
#26 Chlordane-4

R.T.: 6.043 min
Delta R.T.: 0.009 min
Response: 1363382
Conc: 1.67 ng/ml



#26 Chlordane-4

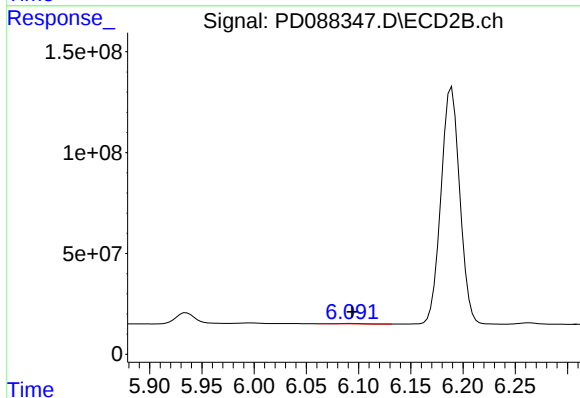
R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 4475315
Conc: 2.09 ng/ml



#27 Chlordane-5

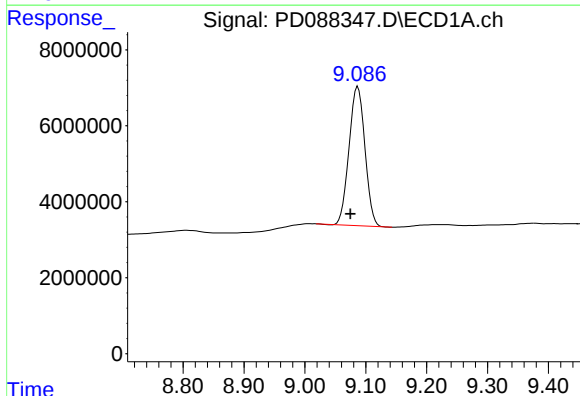
R.T.: 0.000 min
Exp R.T.: 6.873 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



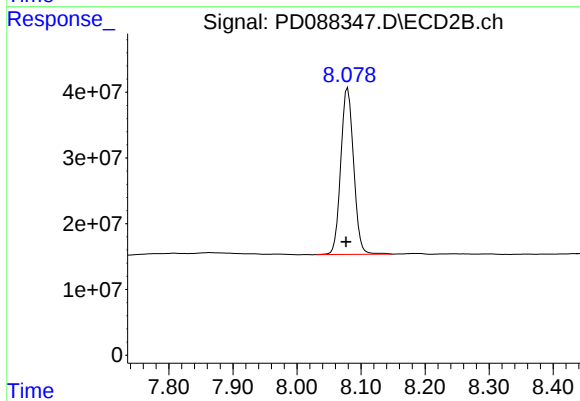
#27 Chlordane-5

R.T.: 6.092 min
Delta R.T.: -0.001 min
Response: 3566826
Conc: 3.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: 0.012 min
Response: 66579372
Conc: 20.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.079 min
Delta R.T.: 0.002 min
Response: 352697662
Conc: 19.09 ng/ml