

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121824\
 Data File : PD087170.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Dec 2024 19:51
 Operator : AR\AJ
 Sample : PEM023
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM010

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 00:31:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112024CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 20 02:52:29 2024
 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

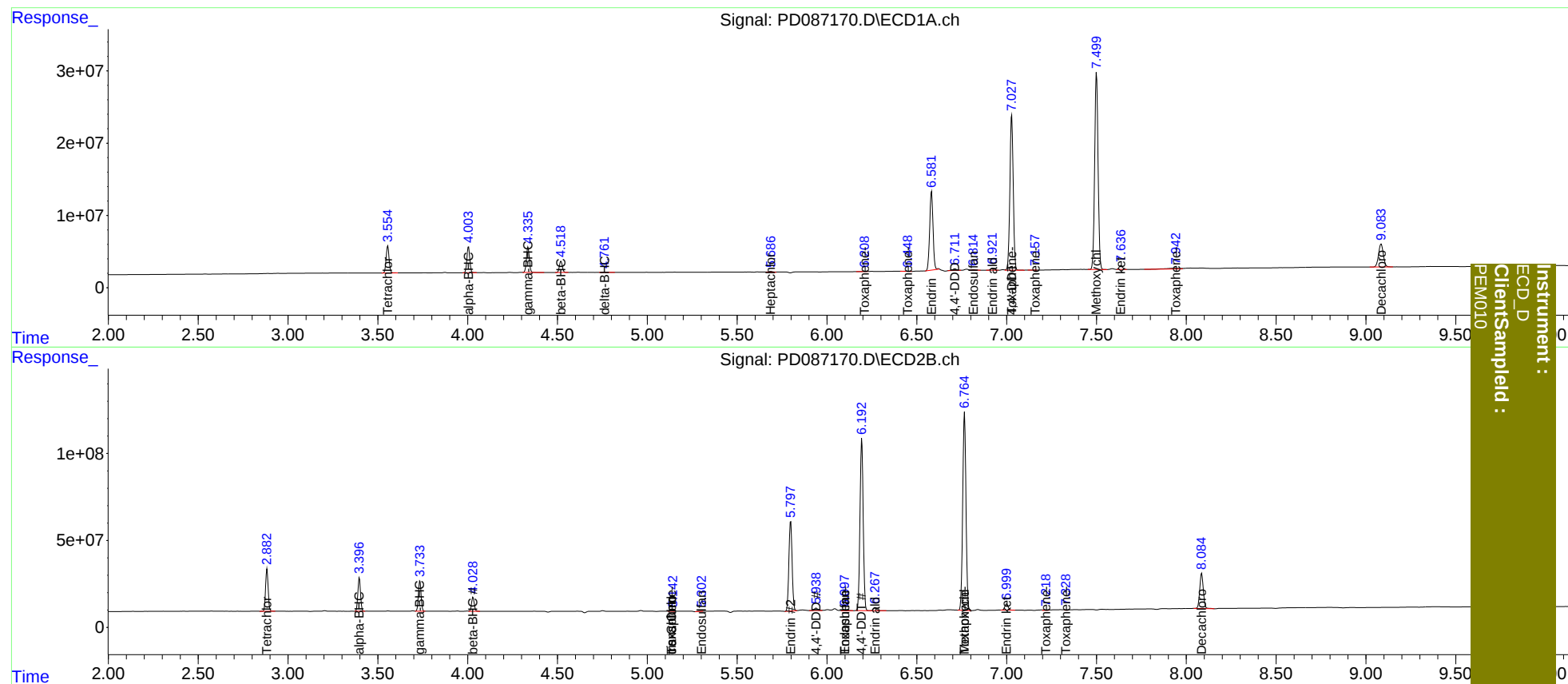
System Monitoring Compounds							
1)	SA Tetrachlo...	3.555	2.883	43076581	244.1E6	23.425	21.149
27)	SA Decachlor...	9.085	8.086	58361397	281.6E6	21.919	22.095
Target Compounds							
2)	A alpha-BHC	4.005	3.397	39963000	198.3E6	11.350	11.073
3)	MA gamma-BHC...	4.336	3.734	39381089	182.3E6	11.308	10.933
4)	MA Heptachlor	4.956	0.000	29841	0	<MDL	N.D. #
5)	MB Aldrin	5.266	4.371	36084	942759	<MDL	<MDL #
6)	B beta-BHC	4.520	4.030	17966806	85562185	11.334	10.831
7)	B delta-BHC	4.762	4.288	684251	418970	0.188	<MDL #
8)	B Heptachlo...	5.688	4.892	1771543	-40754	0.542	N.D. #
9)	A Endosulfan I	6.118	5.302f	73522	2186959	<MDL	0.151 #
10)	B trans-Chl...	0.000	5.136	0	1753103	N.D.	0.106
11)	B cis-Chlor...	6.046	5.136f	170090	1753103	<MDL	0.109 #
12)	B 4,4'-DDE	6.210	5.386	110917	1002356	<MDL	<MDL #
13)	MA Dieldrin	6.376	5.567f	98689	160036	<MDL	<MDL #
14)	MA Endrin	6.582	5.798	141.0E6	646.9E6	52.163	46.831
15)	B Endosulfa...	6.815	6.098	1416284	3302615	0.510	0.237 #
16)	A 4,4'-DDD	6.712	5.940	3786718	18878997	1.596	1.563
17)	MA 4,4'-DDT	7.028	6.194	277.9E6	1229.5E6	112.118	95.096
18)	B Endrin al...	6.922	6.268	3713538	24761626	1.690	2.307 #
19)	B Endosulfa...	7.157	6.502	40118	461006	<MDL	<MDL #
20)	A Methoxychlor	7.500	6.766	358.1E6	1436.2E6	265.309	248.411
21)	B Endrin ke...	7.637	7.000	7244037	45267547	2.375	3.029 #
22)	Toxaphene-1	6.210f	5.136	110917	1753103	5.399	21.488 #
23)	Toxaphene-2	6.448	6.098f	468598	3302615	16.545	36.840 #
24)	Toxaphene-3	7.028f	6.766	277.9E6	1436.2E6	3431.195	4863.895 #
25)	Toxaphene-4	7.157	7.220	40118	5215855	0.666	25.232 #
26)	Toxaphene-5	7.944	7.331	5893641	2939039	133.608	18.723 #

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

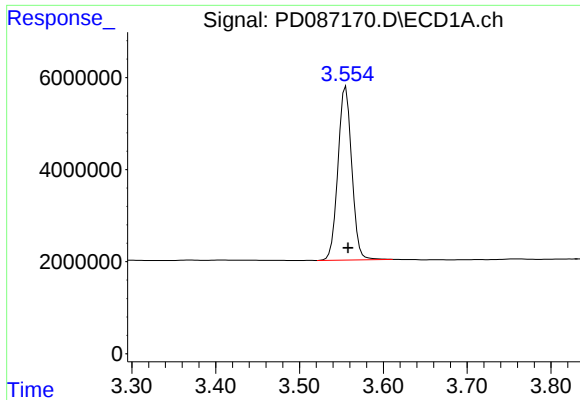
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121824\
Data File : PD087170.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Dec 2024 19:51
Operator : AR\AJ
Sample : PEM023
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 19 00:31:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112024CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 20 02:52:29 2024
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



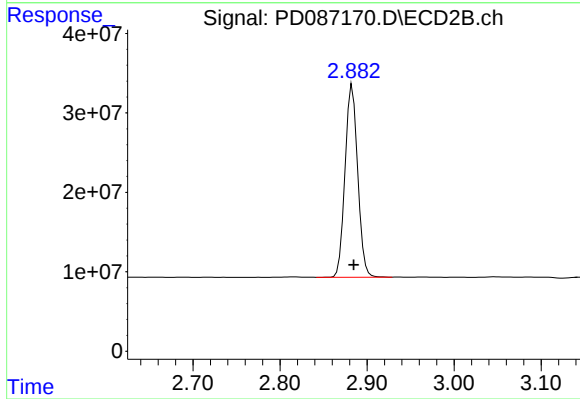
Instrument :
ECD_D
ClientSampled :
PEM010



#1 Tetrachloro-m-xylene

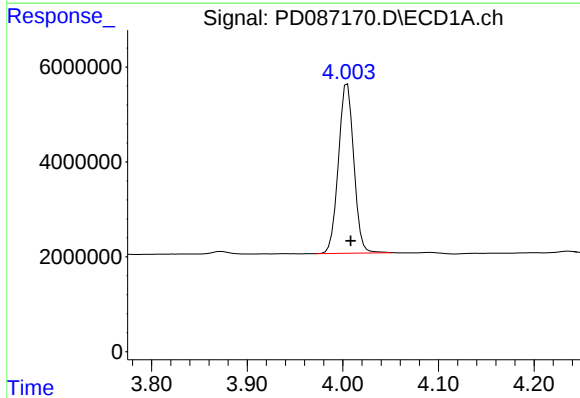
R.T.: 3.555 min
Delta R.T.: -0.003 min
Response: 43076581
Conc: 23.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM010



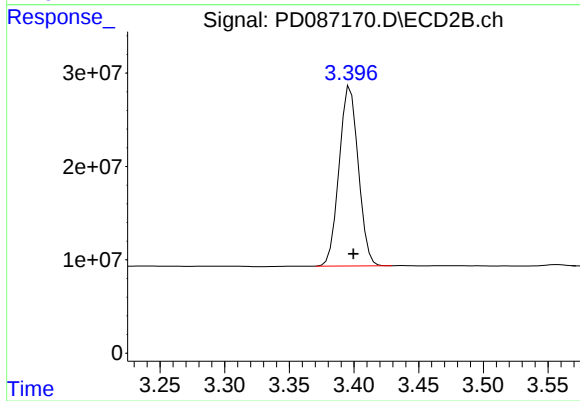
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: -0.002 min
Response: 244082479
Conc: 21.15 ng/ml



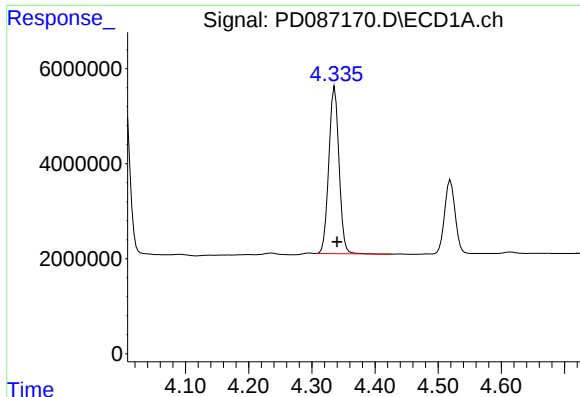
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: -0.004 min
Response: 39963000
Conc: 11.35 ng/ml



#2 alpha-BHC

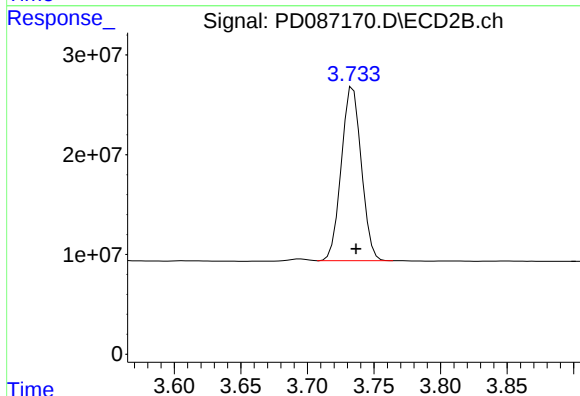
R.T.: 3.397 min
Delta R.T.: -0.002 min
Response: 198323661
Conc: 11.07 ng/ml



#3 gamma-BHC (Lindane)

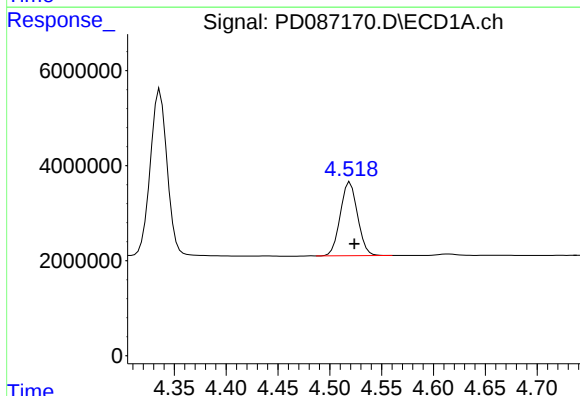
R.T.: 4.336 min
Delta R.T.: -0.004 min
Response: 39381089
Conc: 11.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM010



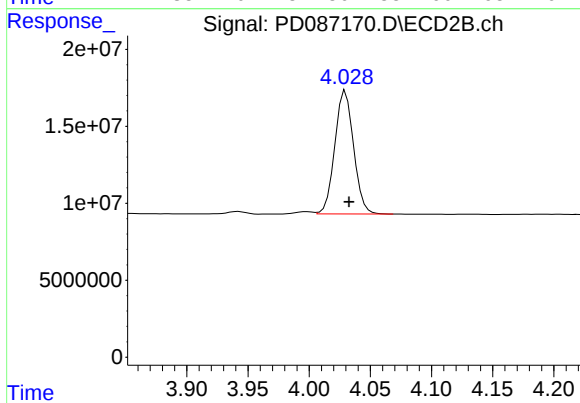
#3 gamma-BHC (Lindane)

R.T.: 3.734 min
Delta R.T.: -0.002 min
Response: 182343437
Conc: 10.93 ng/ml



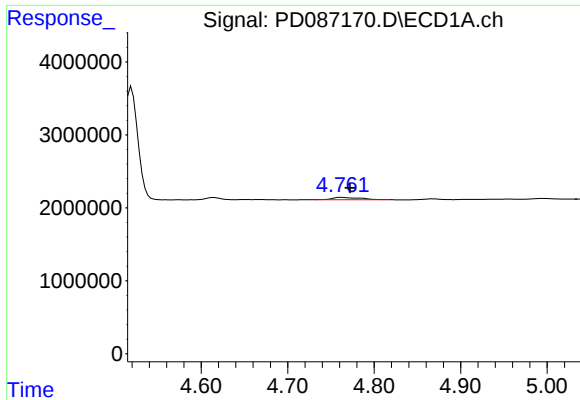
#6 beta-BHC

R.T.: 4.520 min
Delta R.T.: -0.004 min
Response: 17966806
Conc: 11.33 ng/ml



#6 beta-BHC

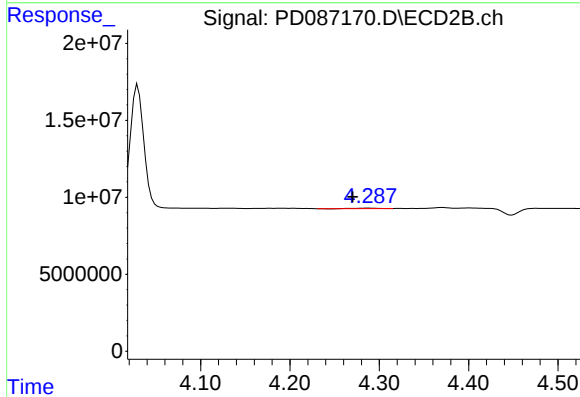
R.T.: 4.030 min
Delta R.T.: -0.003 min
Response: 85562185
Conc: 10.83 ng/ml



#7 delta-BHC

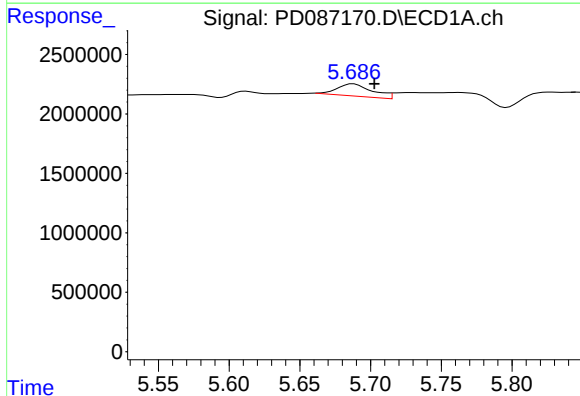
R.T.: 4.762 min
Delta R.T.: -0.010 min
Response: 684251
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM010



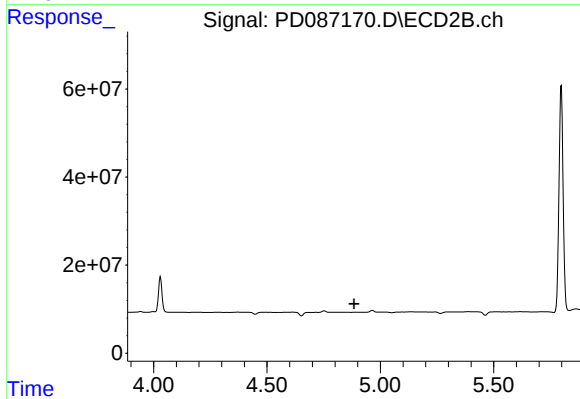
#7 delta-BHC

R.T.: 4.288 min
Delta R.T.: 0.018 min
Response: 418970
Conc: N.D.



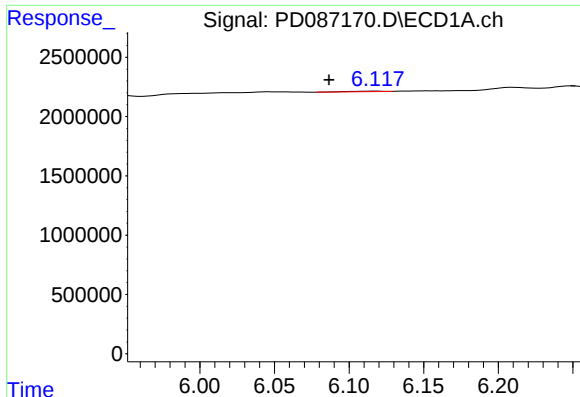
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.015 min
Response: 1771543
Conc: 0.54 ng/ml



#8 Heptachlor epoxide

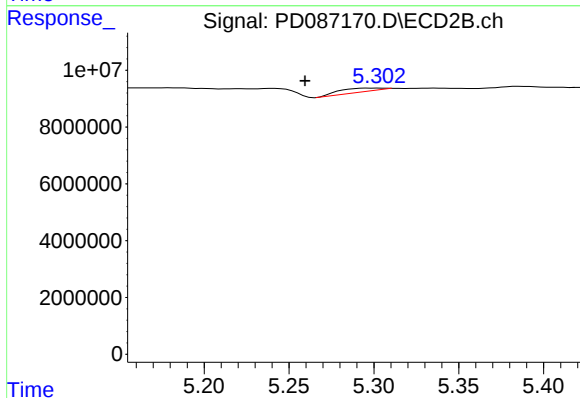
R.T.: 4.892 min
Delta R.T.: 0.007 min
Response: -40754
Conc: N.D.



#9 Endosulfan I

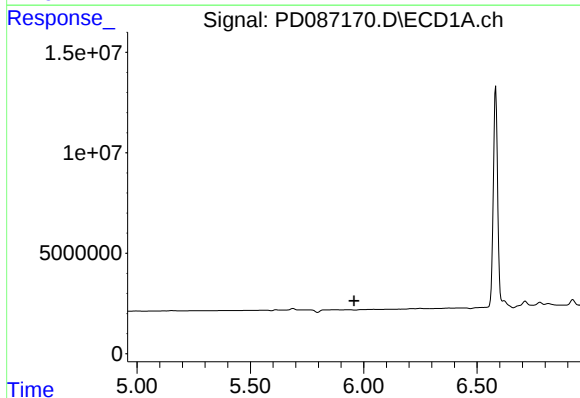
R.T.: 6.118 min
Delta R.T.: 0.032 min
Response: 73522
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM010



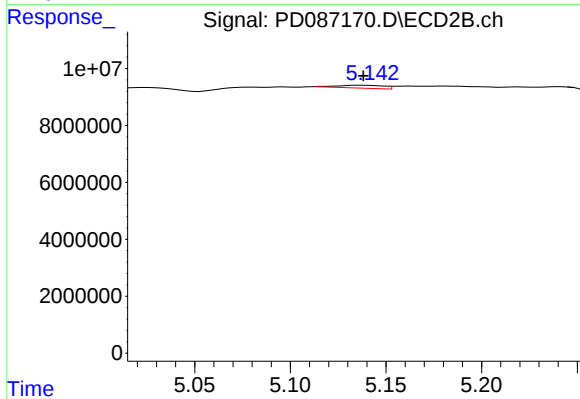
#9 Endosulfan I

R.T.: 5.302 min
Delta R.T.: 0.043 min
Response: 2186959
Conc: 0.15 ng/ml



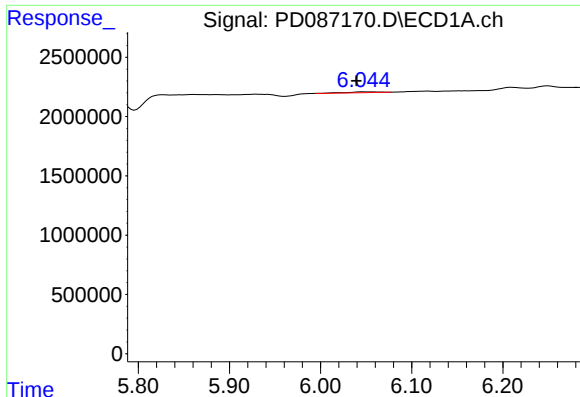
#10 trans-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.958 min
Response: 0
Conc: N.D.



#10 trans-Chlordane

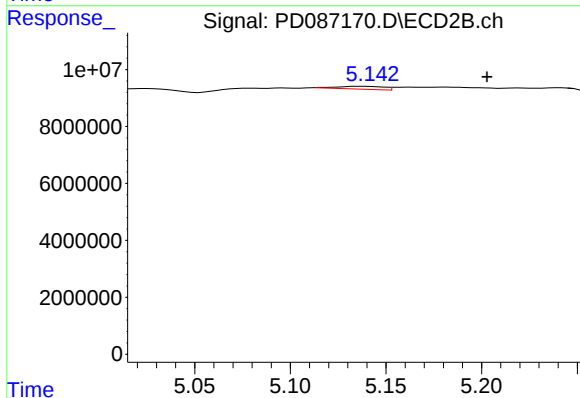
R.T.: 5.136 min
Delta R.T.: -0.002 min
Response: 1753103
Conc: 0.11 ng/ml



#11 cis-Chlordane

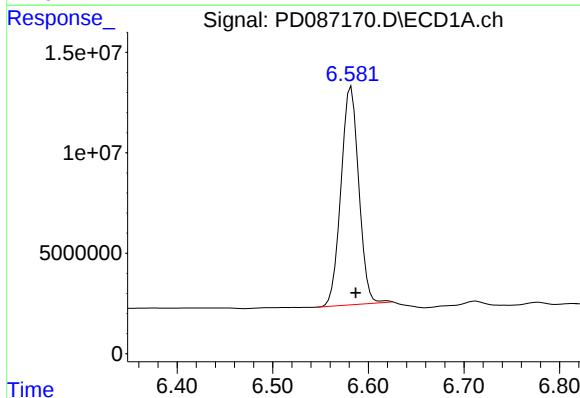
R.T.: 6.046 min
Delta R.T.: 0.006 min
Response: 170090
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM010



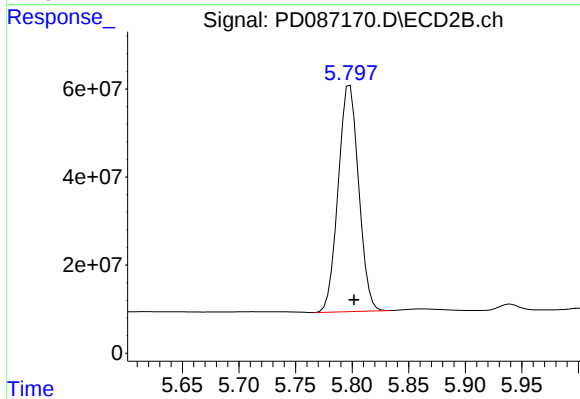
#11 cis-Chlordane

R.T.: 5.136 min
Delta R.T.: -0.067 min
Response: 1753103
Conc: 0.11 ng/ml



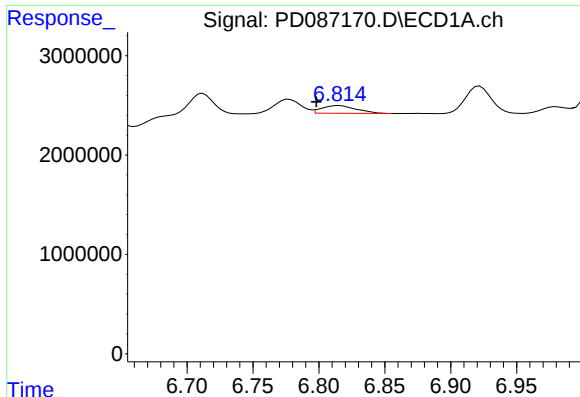
#14 Endrin

R.T.: 6.582 min
Delta R.T.: -0.005 min
Response: 141001100
Conc: 52.16 ng/ml



#14 Endrin

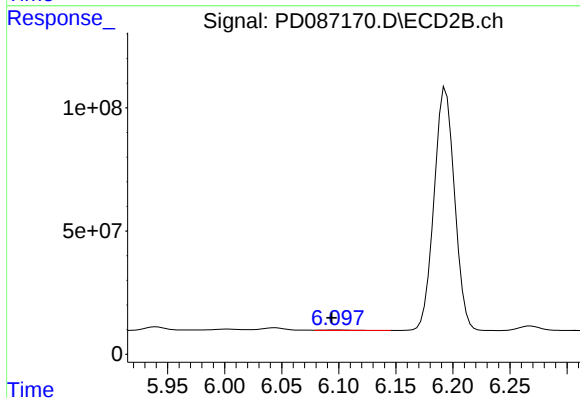
R.T.: 5.798 min
Delta R.T.: -0.004 min
Response: 646944206
Conc: 46.83 ng/ml



#15 Endosulfan II

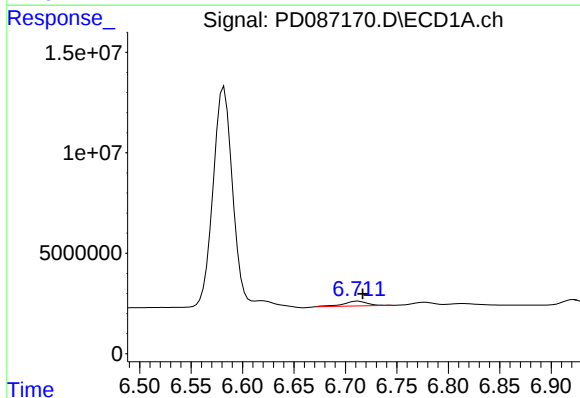
R.T.: 6.815 min
Delta R.T.: 0.017 min
Response: 1416284
Conc: 0.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM010



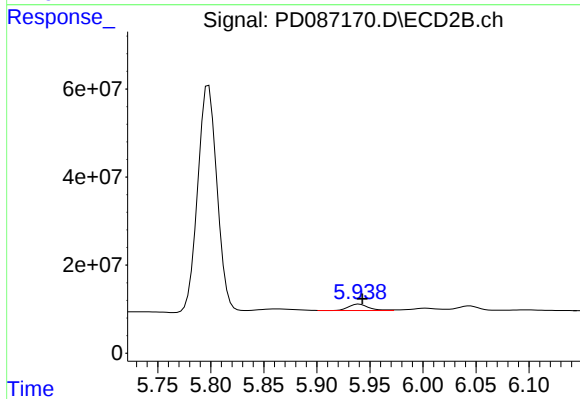
#15 Endosulfan II

R.T.: 6.098 min
Delta R.T.: 0.004 min
Response: 3302615
Conc: 0.24 ng/ml



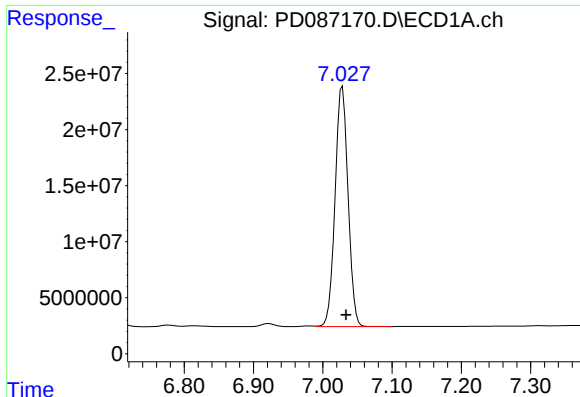
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: -0.005 min
Response: 3786718
Conc: 1.60 ng/ml



#16 4,4'-DDD

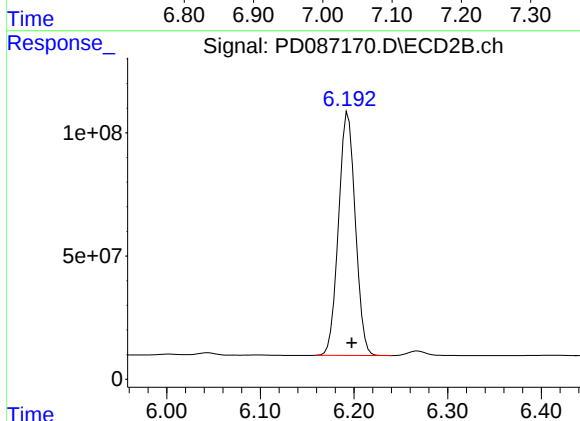
R.T.: 5.940 min
Delta R.T.: -0.003 min
Response: 18878997
Conc: 1.56 ng/ml



#17 4,4'-DDT

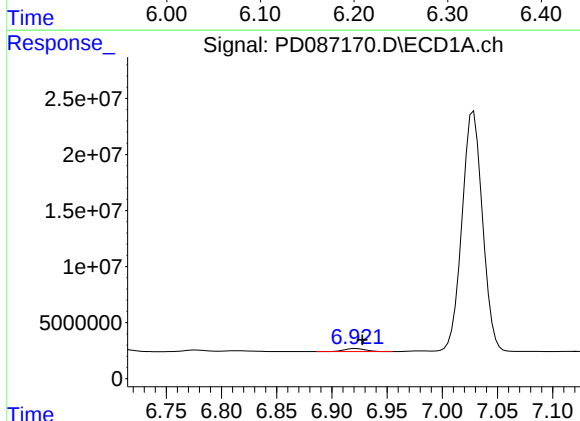
R.T.: 7.028 min
Delta R.T.: -0.005 min
Response: 277912972
Conc: 112.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM010



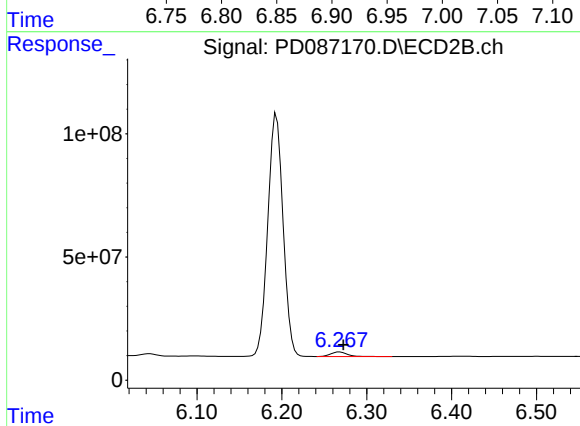
#17 4,4'-DDT

R.T.: 6.194 min
Delta R.T.: -0.004 min
Response: 1229463775
Conc: 95.10 ng/ml



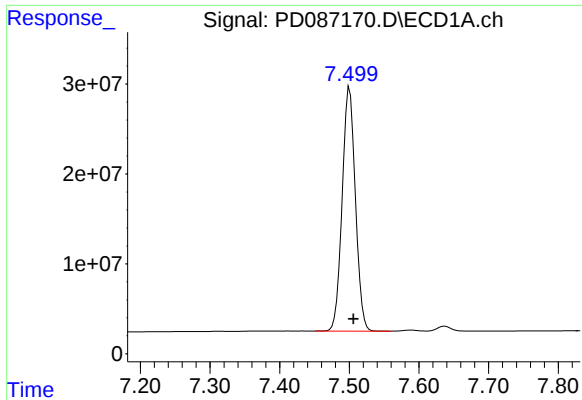
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.006 min
Response: 3713538
Conc: 1.69 ng/ml



#18 Endrin aldehyde

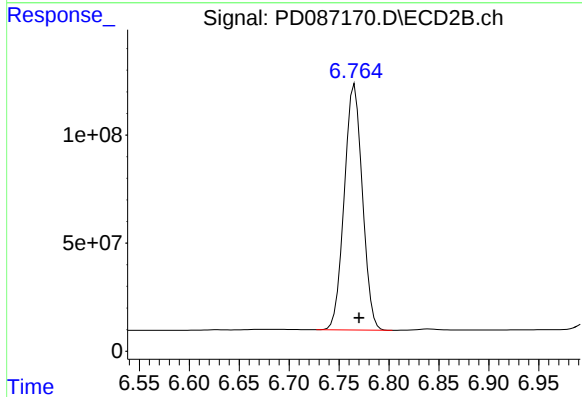
R.T.: 6.268 min
Delta R.T.: -0.004 min
Response: 24761626
Conc: 2.31 ng/ml



#20 Methoxychlor

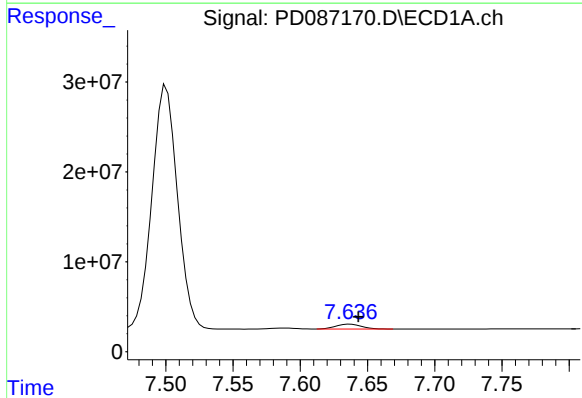
R.T.: 7.500 min
Delta R.T.: -0.006 min
Response: 358093905
Conc: 265.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM010



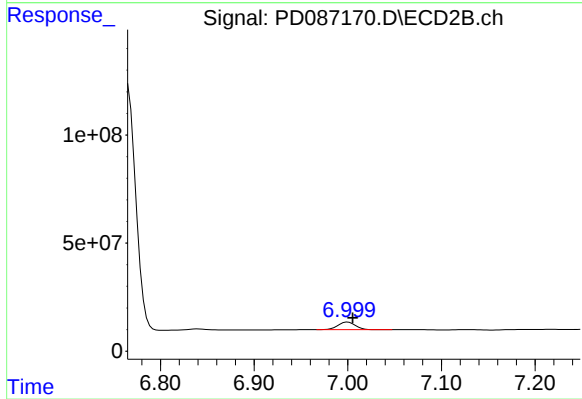
#20 Methoxychlor

R.T.: 6.766 min
Delta R.T.: -0.004 min
Response: 1436171356
Conc: 248.41 ng/ml



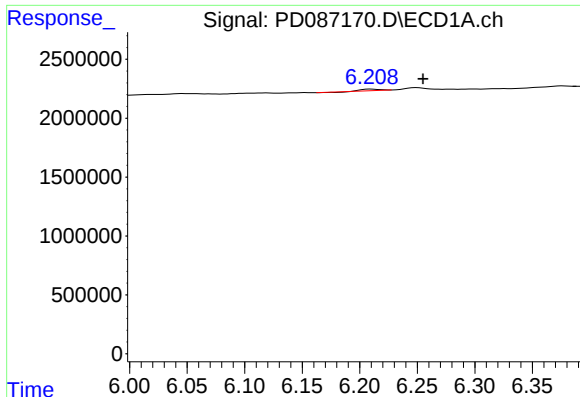
#21 Endrin ketone

R.T.: 7.637 min
Delta R.T.: -0.006 min
Response: 7244037
Conc: 2.37 ng/ml



#21 Endrin ketone

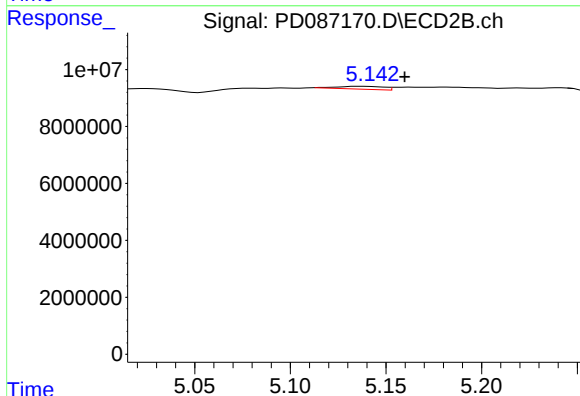
R.T.: 7.000 min
Delta R.T.: -0.005 min
Response: 45267547
Conc: 3.03 ng/ml



#22 Toxaphene-1

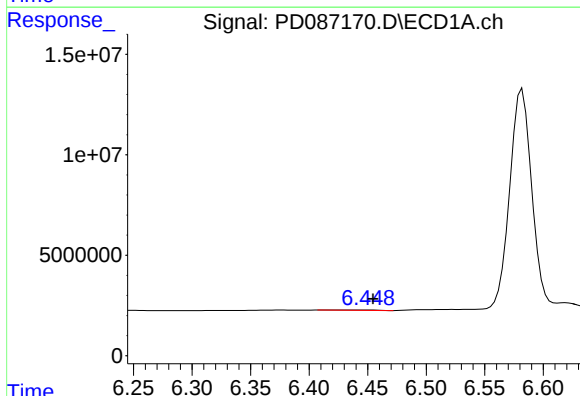
R.T.: 6.210 min
Delta R.T.: -0.045 min
Response: 110917
Conc: 5.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM010



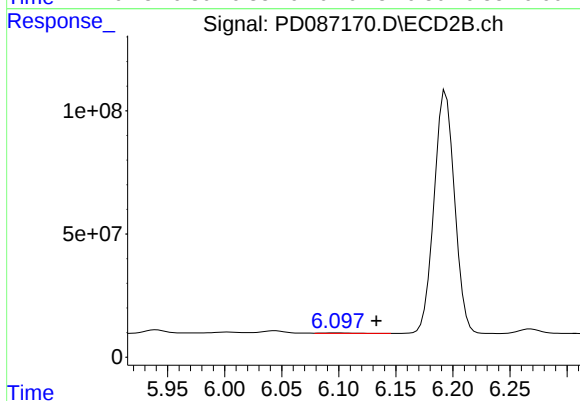
#22 Toxaphene-1

R.T.: 5.136 min
Delta R.T.: -0.023 min
Response: 1753103
Conc: 21.49 ng/ml



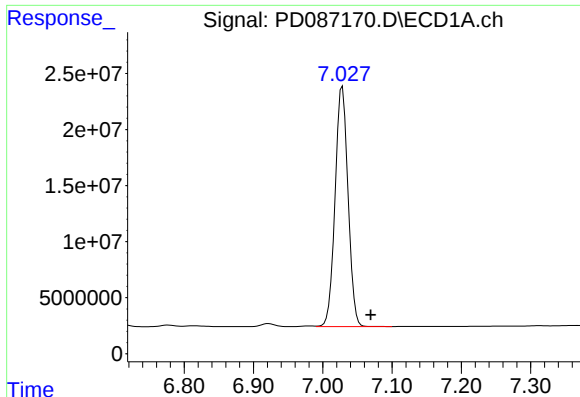
#23 Toxaphene-2

R.T.: 6.448 min
Delta R.T.: -0.007 min
Response: 468598
Conc: 16.55 ng/ml



#23 Toxaphene-2

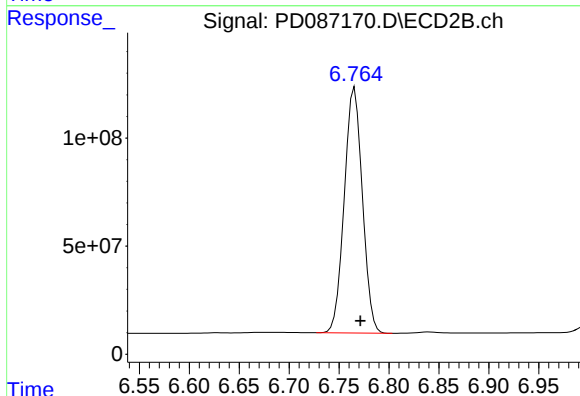
R.T.: 6.098 min
Delta R.T.: -0.035 min
Response: 3302615
Conc: 36.84 ng/ml



#24 Toxaphene-3

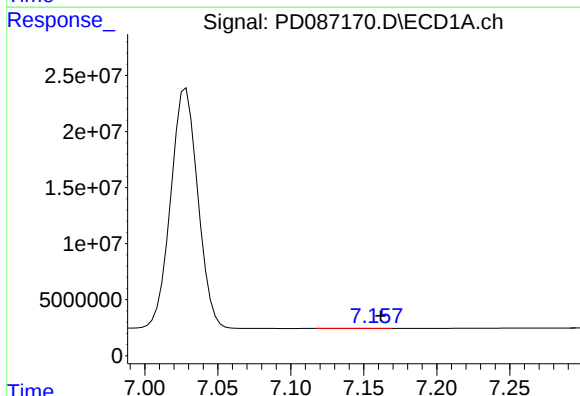
R.T.: 7.028 min
Delta R.T.: -0.041 min
Response: 277912972
Conc: 3431.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM010



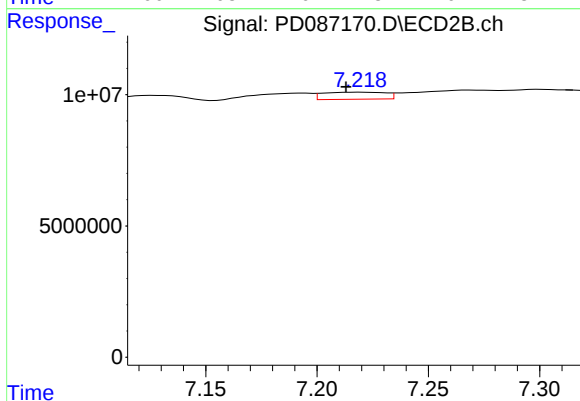
#24 Toxaphene-3

R.T.: 6.766 min
Delta R.T.: -0.006 min
Response: 1436171356
Conc: 4863.90 ng/ml



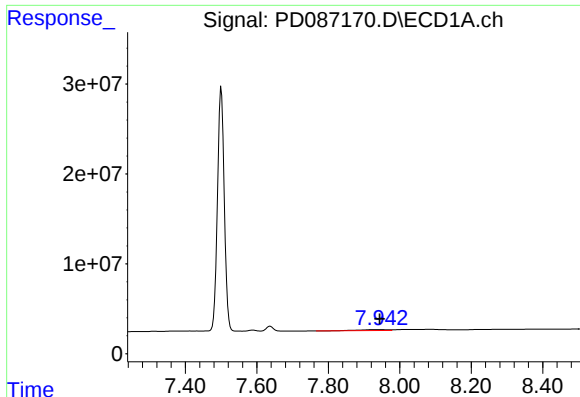
#25 Toxaphene-4

R.T.: 7.157 min
Delta R.T.: -0.004 min
Response: 40118
Conc: 0.67 ng/ml



#25 Toxaphene-4

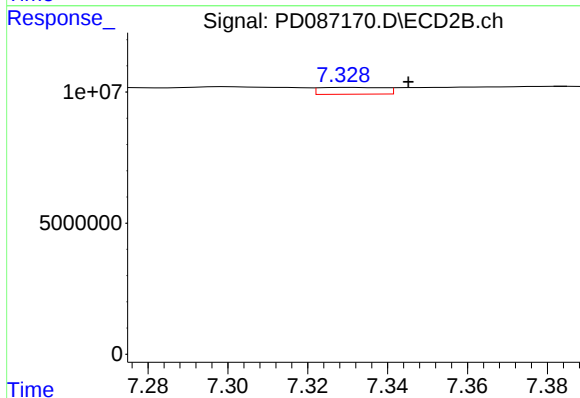
R.T.: 7.220 min
Delta R.T.: 0.006 min
Response: 5215855
Conc: 25.23 ng/ml



#26 Toxaphene-5

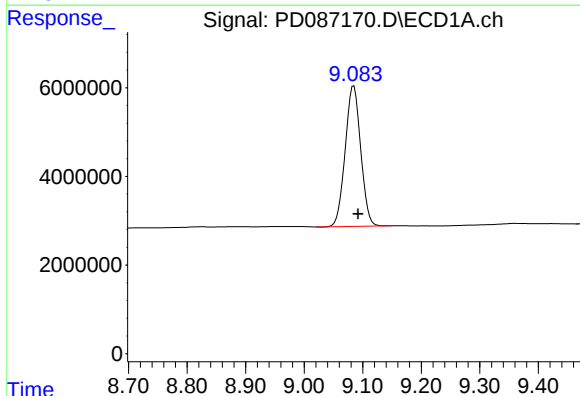
R.T.: 7.944 min
Delta R.T.: 0.000 min
Response: 5893641
Conc: 133.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM010



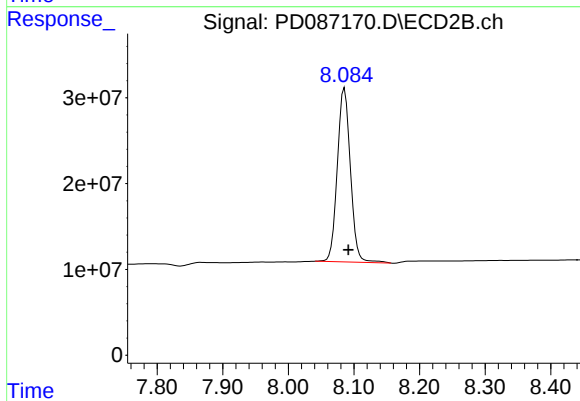
#26 Toxaphene-5

R.T.: 7.331 min
Delta R.T.: -0.014 min
Response: 2939039
Conc: 18.72 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: -0.008 min
Response: 58361397
Conc: 21.92 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.086 min
Delta R.T.: -0.006 min
Response: 281600814
Conc: 22.10 ng/ml