

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061923\
 Data File : PD075915.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2023 19:13
 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: Jun 19 22:38:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 10:43:19 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.546	2.768	46672060	23368220	21.910	21.539
28)	SA Decachlor...	9.085	7.911	51179088	20575376	20.202	21.043
Target Compounds							
2)	A alpha-BHC	4.002	3.269	37809120	16169147	10.241	10.107
3)	MA gamma-BHC...	4.335	3.599	35613044	14923444	10.584	10.128
6)	B beta-BHC	4.531	3.896	16413879	7442620	11.417	11.676
8)	B Heptachlo...	5.689	0.000	1353593	0	0.420	N.D. #
9)	A Endosulfan I	6.112f	0.000	179156	0	0.060	N.D. #
10)	B gamma-Chl...	5.923f	4.979	1187623	203149	0.369	0.148 #
11)	B alpha-Chl...	6.049f	0.000	268823	0	0.083	N.D. #
12)	B 4,4'-DDE	6.204	5.227	300756	186639	0.105	0.167 #
13)	MA Dieldrin	6.381f	0.000	525406	0	0.168	N.D. #
14)	MA Endrin	6.589	5.632	124.9E6	55614652	46.706	45.698
15)	B Endosulfa...	6.826f	5.941	1694404	427429	0.656	0.396 #
16)	A 4,4'-DDD	6.722	5.780	9296984	4317912	4.085	4.900
17)	MA 4,4'-DDT	7.038	6.031	245.9E6	101.3E6	108.345	124.710
18)	B Endrin al...	6.939	6.107	3433478	2244153	1.711	2.593 #
20)	A Methoxychlor	7.513	6.607	333.6E6	134.3E6	257.713	290.134
21)	B Endrin ke...	7.659	6.835	10570176	5397481	3.794	4.443
25)	Chlordane-3	0.000	4.979	0	203149	N.D.	1.368 #
26)	Chlordane-4	6.049	0.000	268823	0	0.427	N.D. #
27)	Chlordane-5	0.000	5.941	0	427429	N.D.	8.837 #

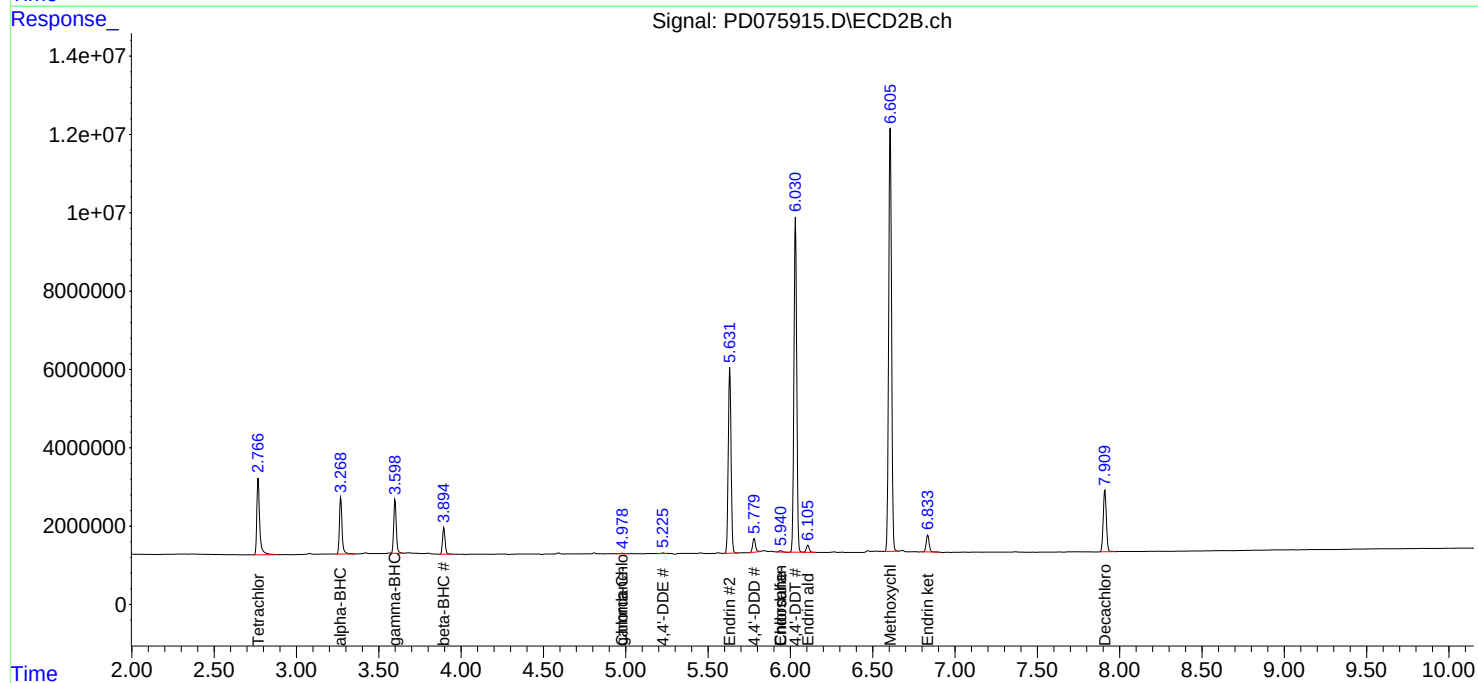
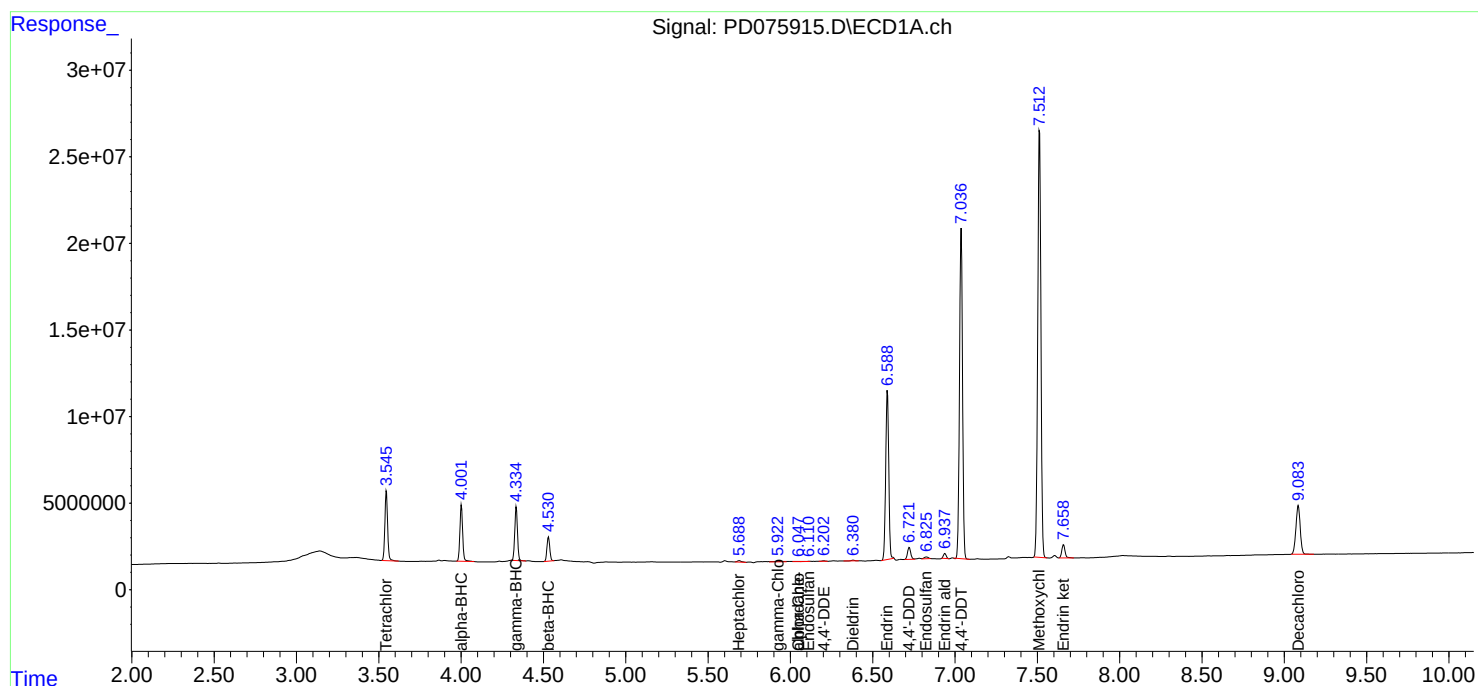
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

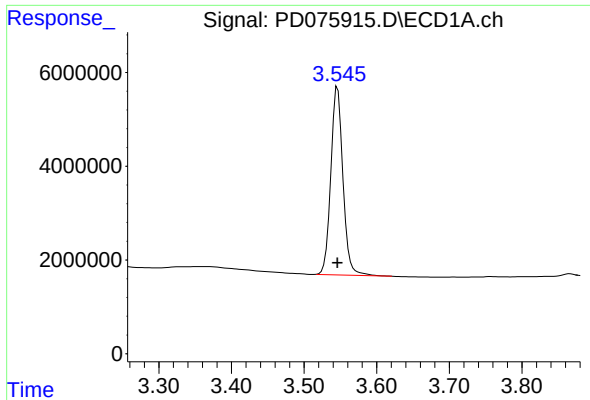
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061923\
Data File : PD075915.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jun 2023 19:13
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
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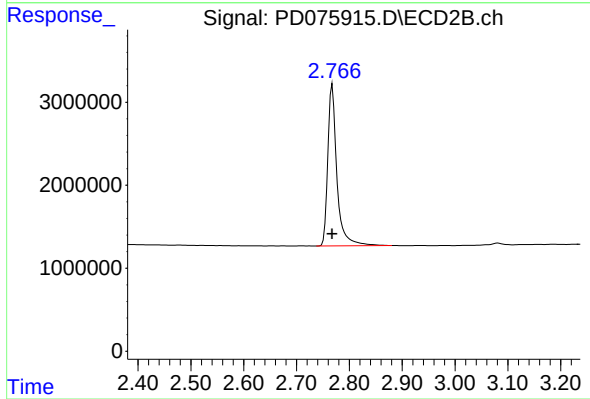




#1 Tetrachloro-m-xylene

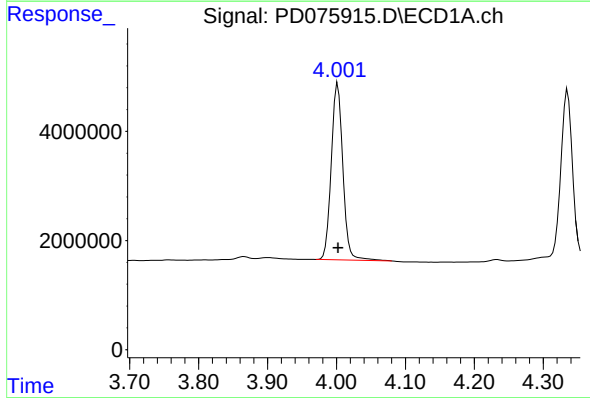
R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 46672060
Conc: 21.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



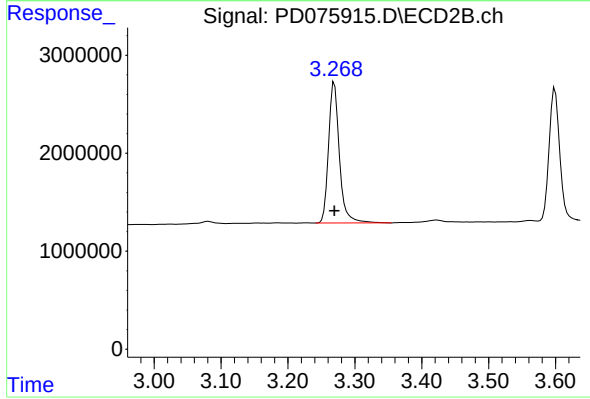
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 23368220
Conc: 21.54 ng/ml



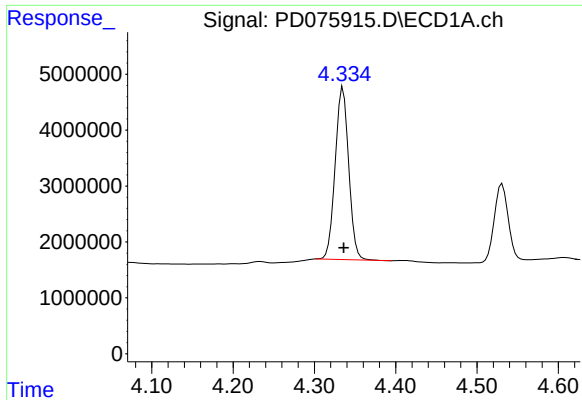
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 37809120
Conc: 10.24 ng/ml



#2 alpha-BHC

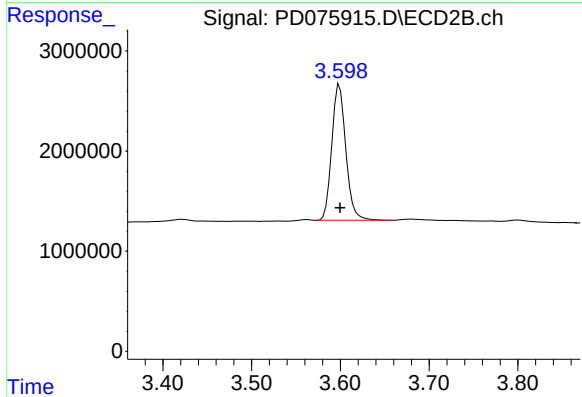
R.T.: 3.269 min
Delta R.T.: 0.000 min
Response: 16169147
Conc: 10.11 ng/ml



#3 gamma-BHC (Lindane)

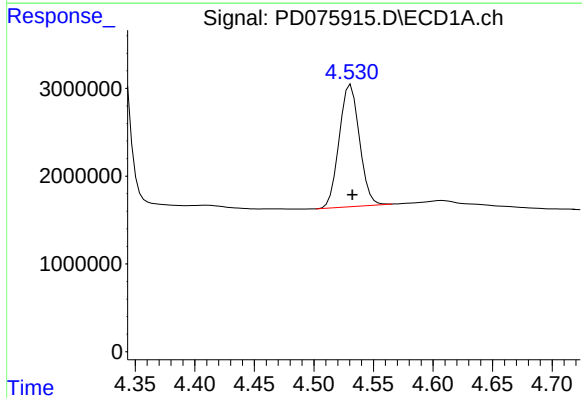
R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 35613044
Conc: 10.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



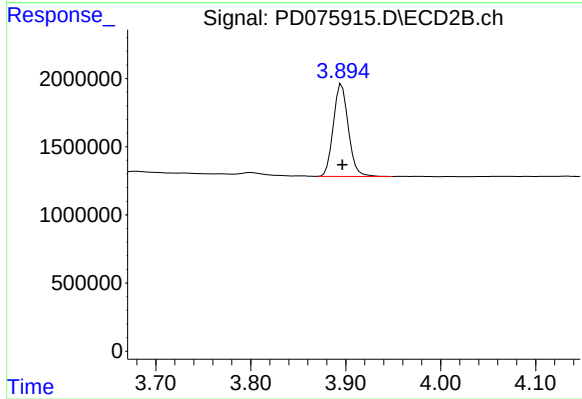
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 14923444
Conc: 10.13 ng/ml



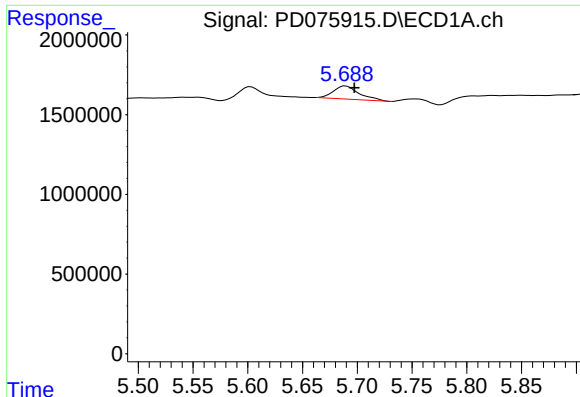
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: -0.001 min
Response: 16413879
Conc: 11.42 ng/ml



#6 beta-BHC

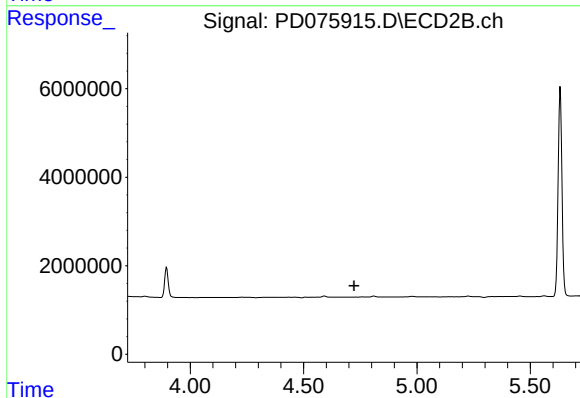
R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 7442620
Conc: 11.68 ng/ml



#8 Heptachlor epoxide

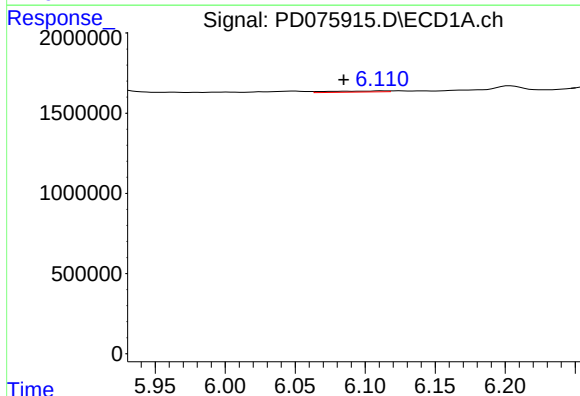
R.T.: 5.689 min
Delta R.T.: -0.008 min
Response: 1353593
Conc: 0.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



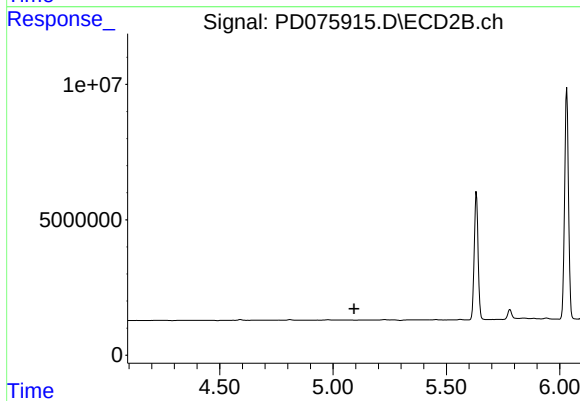
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.723 min
Response: 0
Conc: N.D.



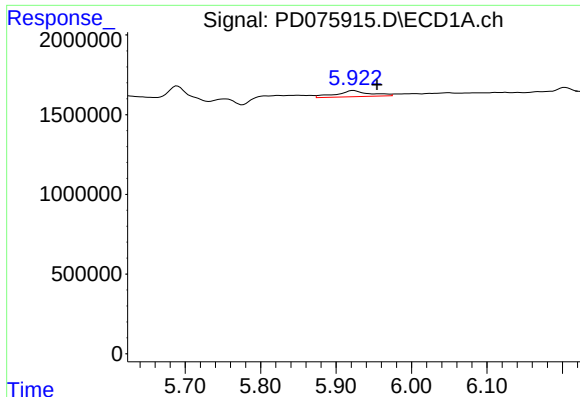
#9 Endosulfan I

R.T.: 6.112 min
Delta R.T.: 0.027 min
Response: 179156
Conc: 0.06 ng/ml



#9 Endosulfan I

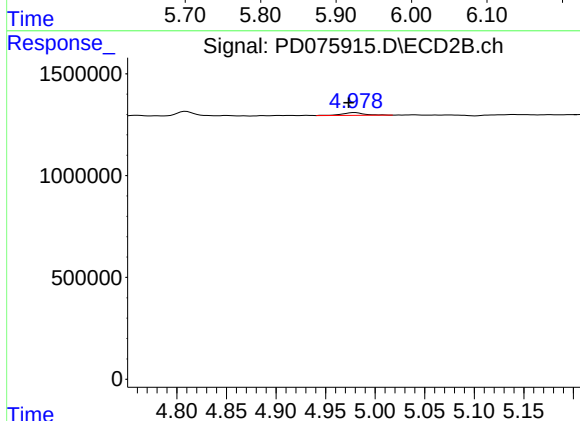
R.T.: 0.000 min
Exp R.T. : 5.093 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

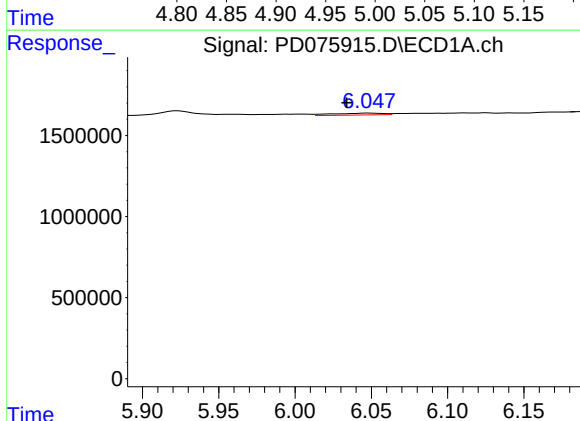
R.T.: 5.923 min
Delta R.T.: -0.031 min
Response: 1187623
Conc: 0.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



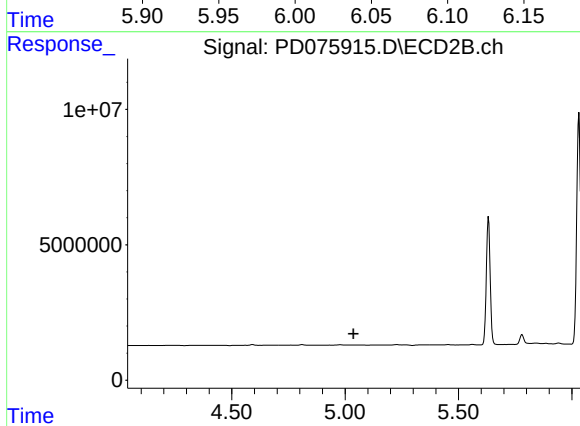
#10 gamma-Chlordane

R.T.: 4.979 min
Delta R.T.: 0.006 min
Response: 203149
Conc: 0.15 ng/ml



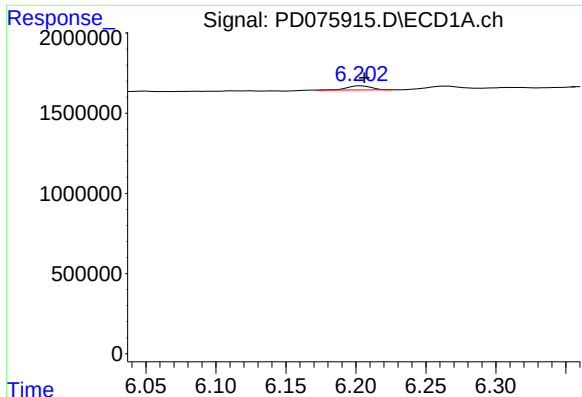
#11 alpha-Chlordane

R.T.: 6.049 min
Delta R.T.: 0.015 min
Response: 268823
Conc: 0.08 ng/ml



#11 alpha-Chlordane

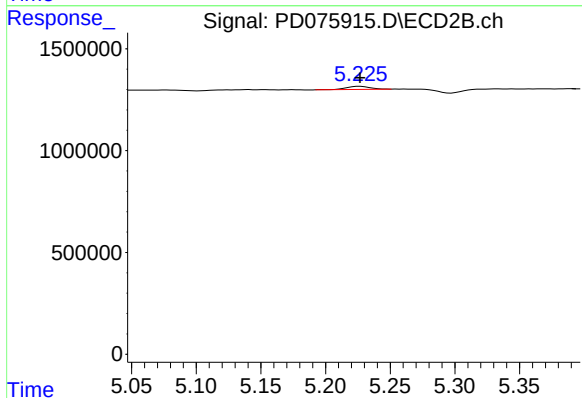
R.T.: 0.000 min
Exp R.T. : 5.037 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

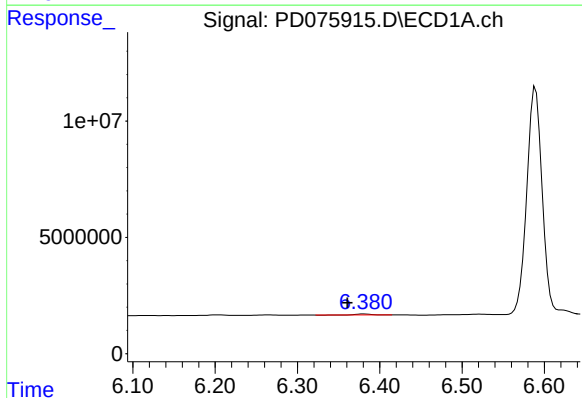
R.T.: 6.204 min
Delta R.T.: -0.002 min
Response: 300756
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



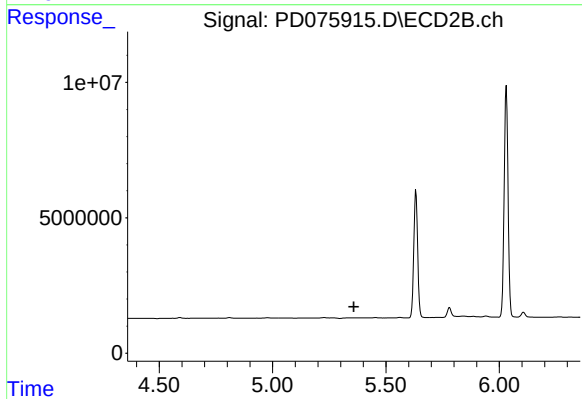
#12 4,4'-DDE

R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 186639
Conc: 0.17 ng/ml



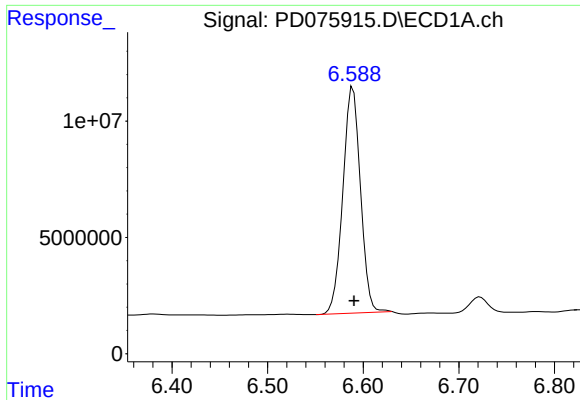
#13 Dieldrin

R.T.: 6.381 min
Delta R.T.: 0.020 min
Response: 525406
Conc: 0.17 ng/ml



#13 Dieldrin

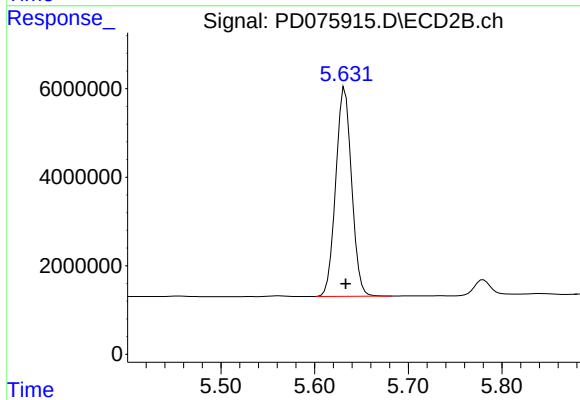
R.T.: 0.000 min
Exp R.T. : 5.358 min
Response: 0
Conc: N.D.



#14 Endrin

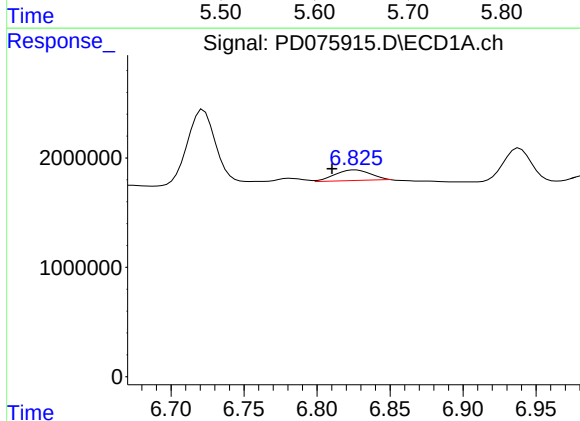
R.T.: 6.589 min
Delta R.T.: -0.001 min
Response: 124907567
Conc: 46.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



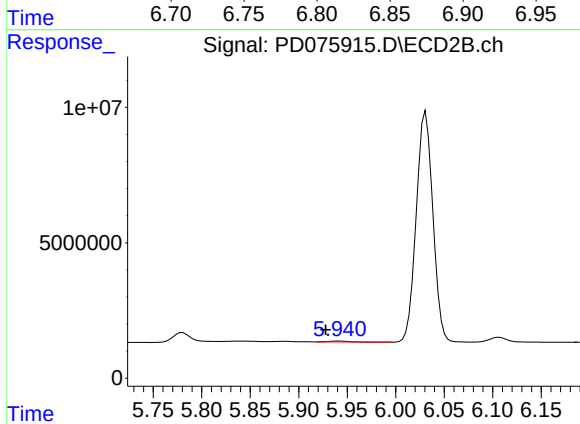
#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.001 min
Response: 55614652
Conc: 45.70 ng/ml



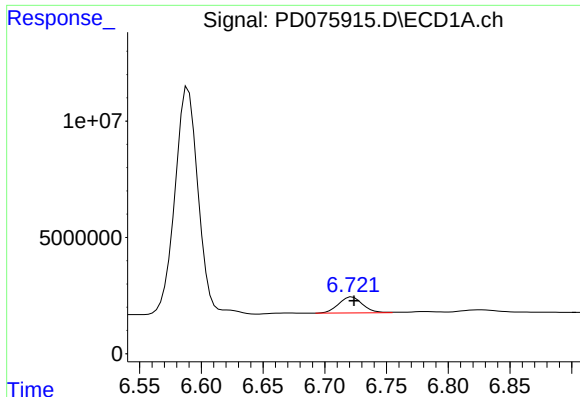
#15 Endosulfan II

R.T.: 6.826 min
Delta R.T.: 0.016 min
Response: 1694404
Conc: 0.66 ng/ml



#15 Endosulfan II

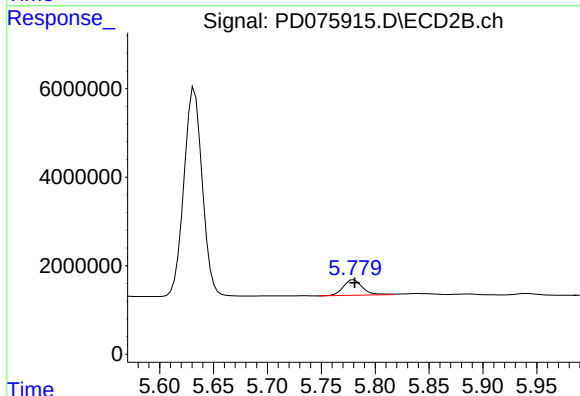
R.T.: 5.941 min
Delta R.T.: 0.013 min
Response: 427429
Conc: 0.40 ng/ml



#16 4,4'-DDD

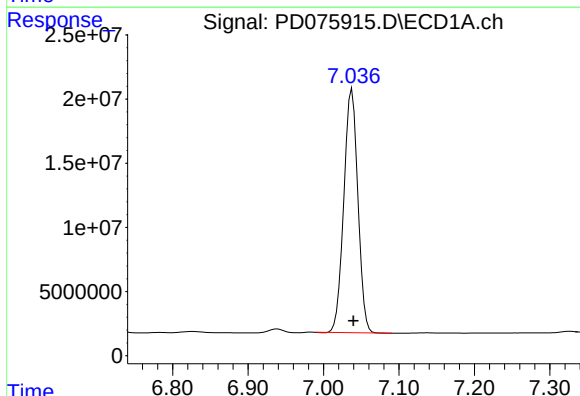
R.T.: 6.722 min
Delta R.T.: -0.001 min
Response: 9296984
Conc: 4.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



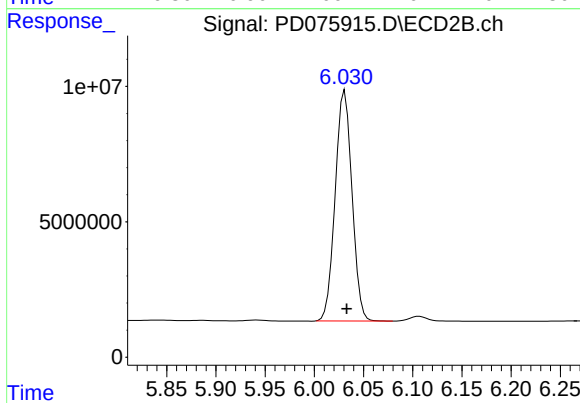
#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 4317912
Conc: 4.90 ng/ml



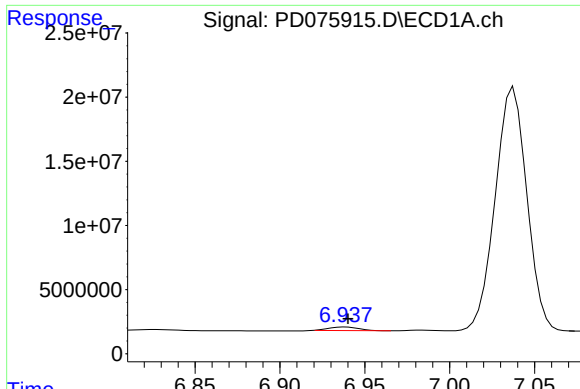
#17 4,4'-DDT

R.T.: 7.038 min
Delta R.T.: -0.002 min
Response: 245863764
Conc: 108.35 ng/ml



#17 4,4'-DDT

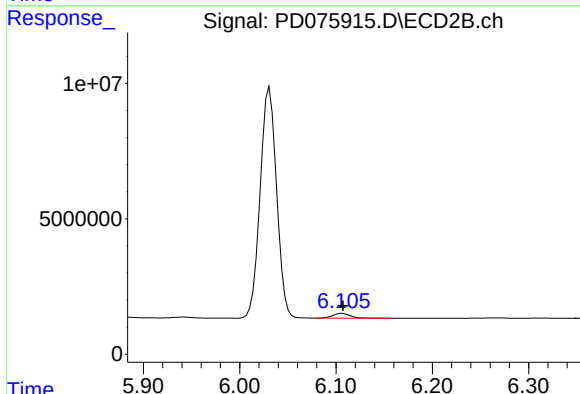
R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 101300930
Conc: 124.71 ng/ml



#18 Endrin aldehyde

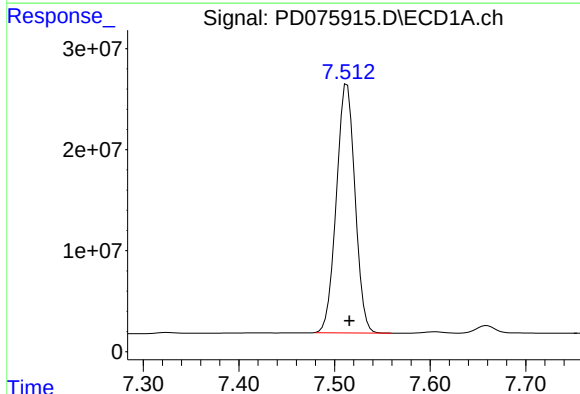
R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 3433478
Conc: 1.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



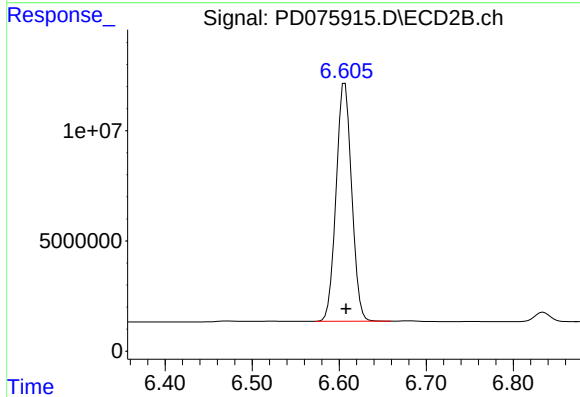
#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 2244153
Conc: 2.59 ng/ml



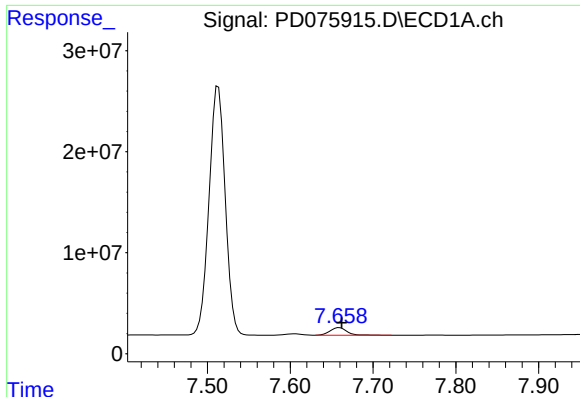
#20 Methoxychlor

R.T.: 7.513 min
Delta R.T.: -0.003 min
Response: 333581466
Conc: 257.71 ng/ml



#20 Methoxychlor

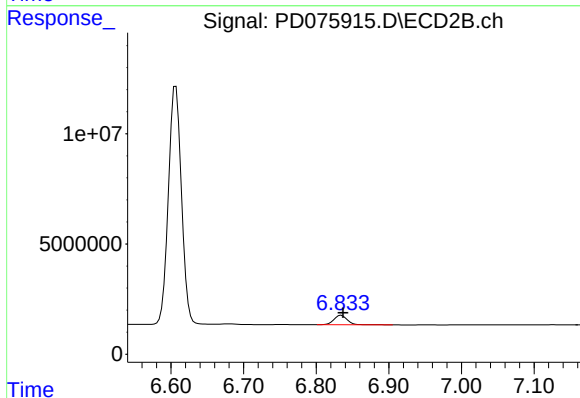
R.T.: 6.607 min
Delta R.T.: -0.001 min
Response: 134286569
Conc: 290.13 ng/ml



#21 Endrin ketone

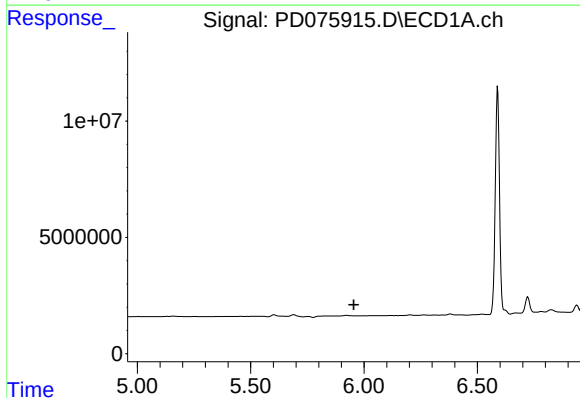
R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 10570176
Conc: 3.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



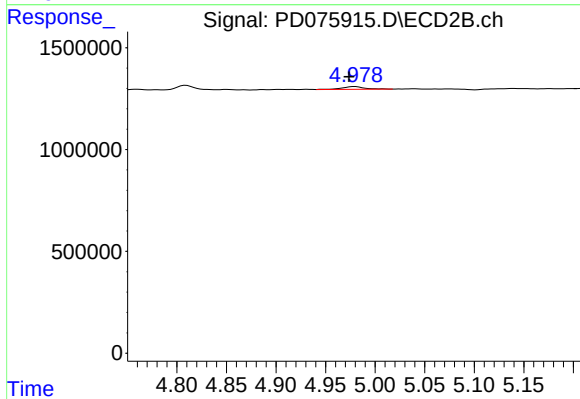
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: -0.002 min
Response: 5397481
Conc: 4.44 ng/ml



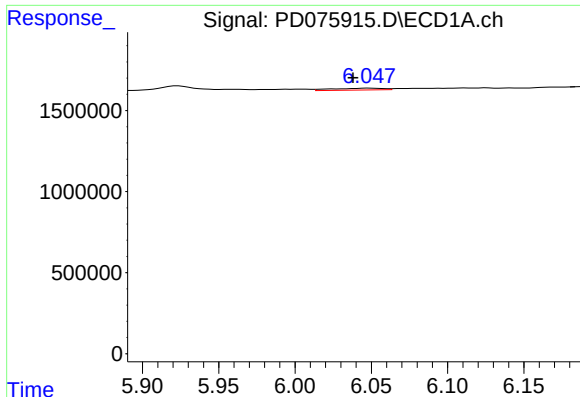
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 5.956 min
Response: 0
Conc: N.D.



#25 Chlordane-3

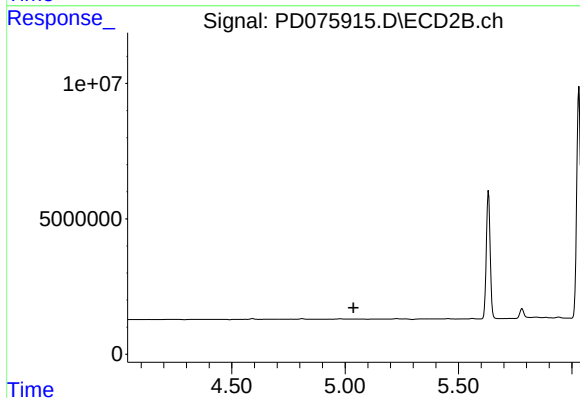
R.T.: 4.979 min
Delta R.T.: 0.006 min
Response: 203149
Conc: 1.37 ng/ml



#26 Chlordane-4

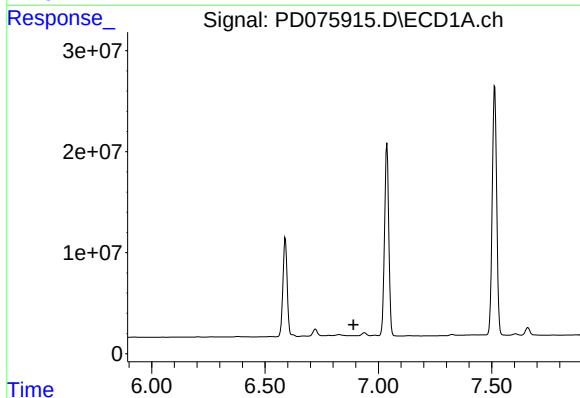
R.T.: 6.049 min
Delta R.T.: 0.011 min
Response: 268823
Conc: 0.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



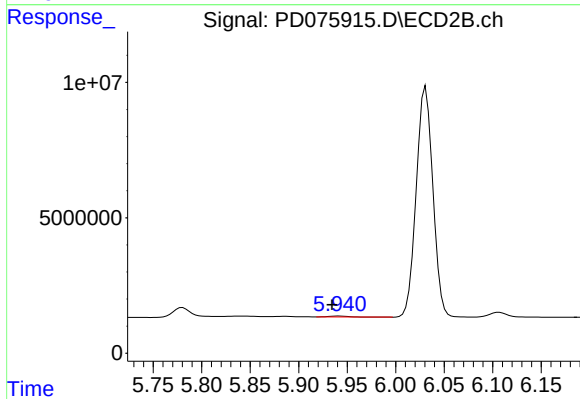
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.037 min
Response: 0
Conc: N.D.



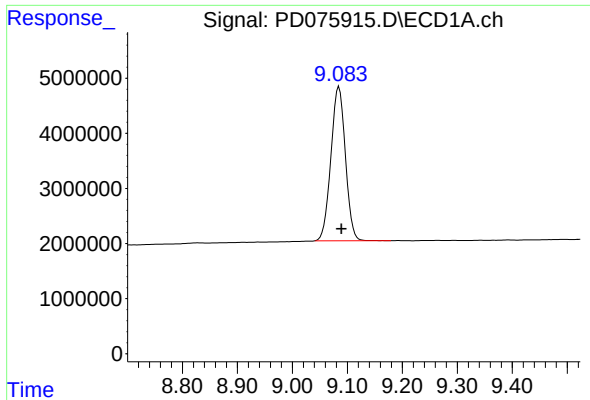
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.890 min
Response: 0
Conc: N.D.



#27 Chlordane-5

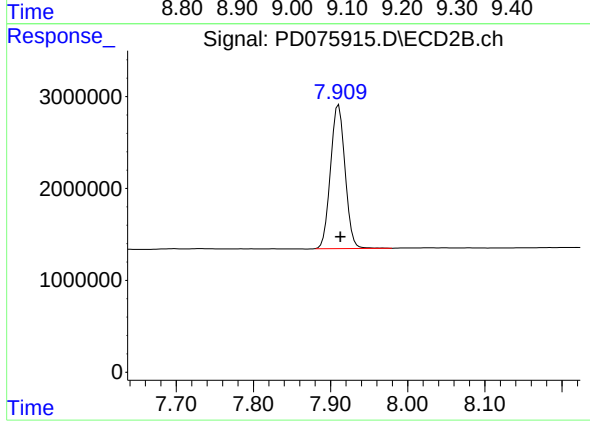
R.T.: 5.941 min
Delta R.T.: 0.007 min
Response: 427429
Conc: 8.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: -0.004 min
Response: 51179088
Conc: 20.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: -0.002 min
Response: 20575376
Conc: 21.04 ng/ml