

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032023\
 Data File : PD074294.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2023 14:24
 Operator : AR\AJ
 Sample : 01627-03
 Misc : CHLOR MDL 25PPB SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 21:24:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 15 12:23:31 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...	3.553	2.770	38698970	21695020	16.590	17.827
2)	SA Decachlor...	9.096	7.924	52368100	22716052	19.580	18.515
Target Compounds							
4)	MA Heptachlor	4.936	3.945	6952340	2003706	2.029	1.175 #
5)	MB Aldrin	5.250f	4.244	3533448	224091	1.049	0.133 #
7)	B delta-BHC	4.781	0.000	1825804	0	0.665	N.D. #
8)	B Heptachlo...	5.690f	0.000	1682502	0	0.598	N.D. #
9)	A Endosulfan I	6.093	5.088	32405	380137	0.011	0.264 #
10)	B gamma-Chl...	5.962	4.980	9531350	4171900	3.176	2.687
11)	B alpha-Chl...	6.045	5.044	15497105	4064984	5.138	2.640 #
13)	MA Dieldrin	6.369	0.000	602932	0	0.204	N.D. #
14)	MA Endrin	6.624f	5.654	-545139	406742	N.D.	0.311
15)	B Endosulfa...	0.000	5.940	0	624766	N.D.	0.497 #
16)	A 4,4'-DDD	6.702f	0.000	1008433	0	0.450	N.D. #
18)	B Endrin al...	0.000	6.112	0	868973	N.D.	0.856 #
19)	B Endosulfa...	7.184	0.000	60413	0	0.024	N.D. #
21)	B Endrin ke...	7.690f	0.000	1867489	0	0.671	N.D. #
22)	Mirex	8.168f	0.000	400634	0	0.189	N.D. #
23)	Chlordane-1	4.720	3.771	3093269	1401299	25.942	27.808
24)	Chlordane-2	5.250	4.349	3533448	1551442	26.371	26.620
25)	Chlordane-3	5.962	4.980	9531350	4171900	19.267	24.854 #
26)	Chlordane-4	6.045	5.044	15497105	4064984	25.797	25.196
27)	Chlordane-5	6.895	5.940	2189799	624766	21.251	10.350 #

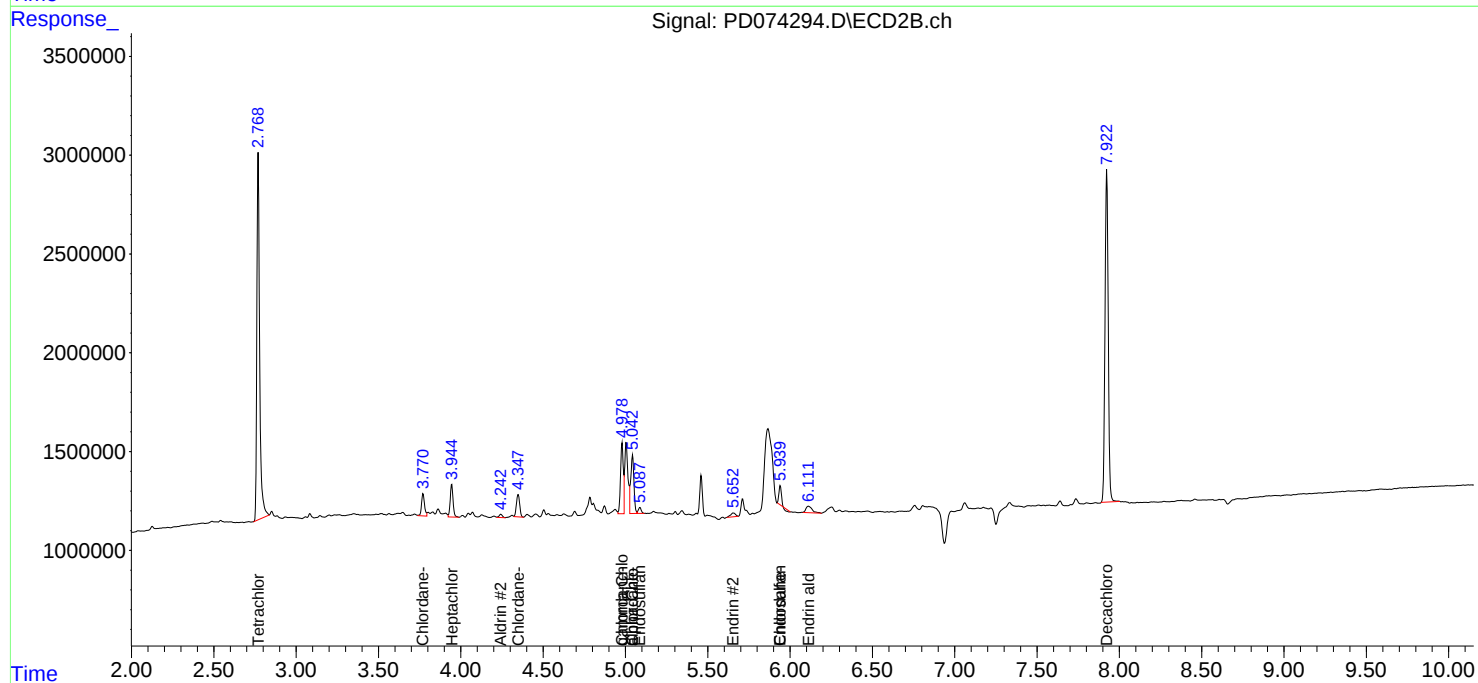
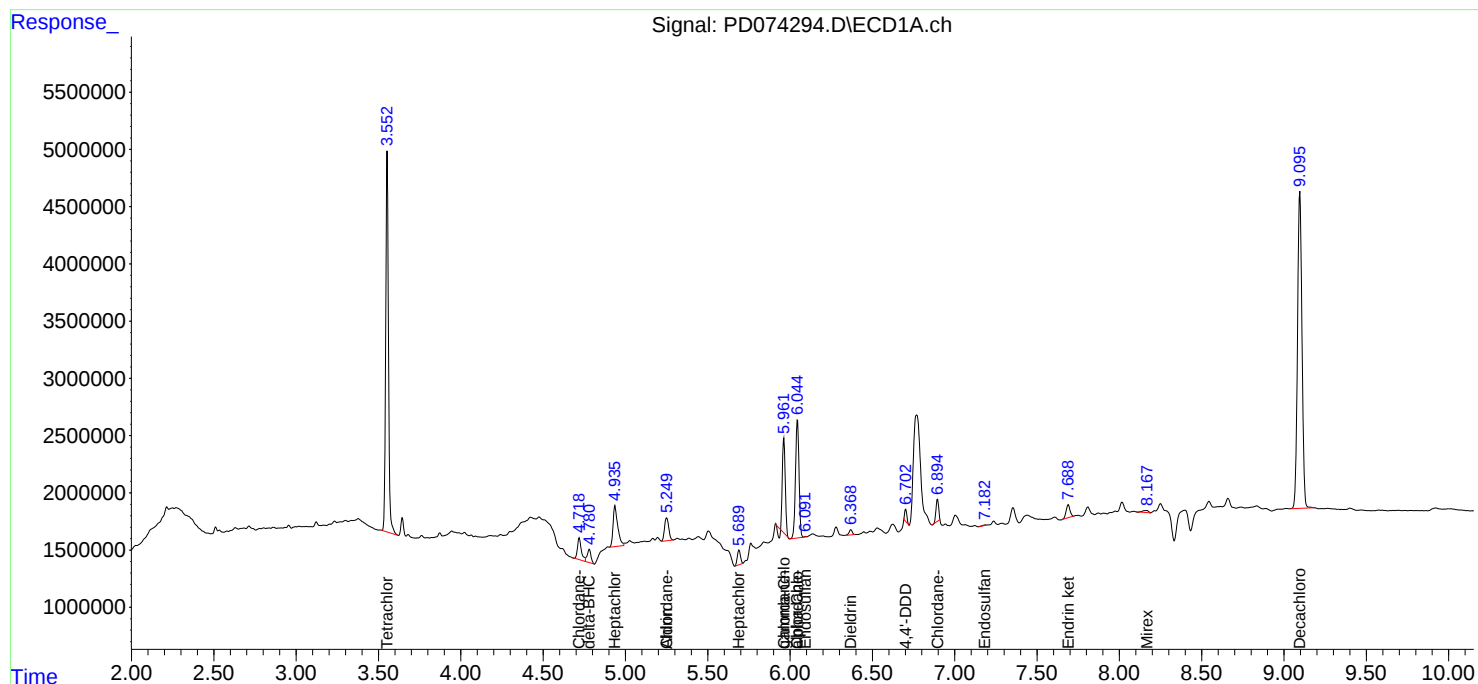
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

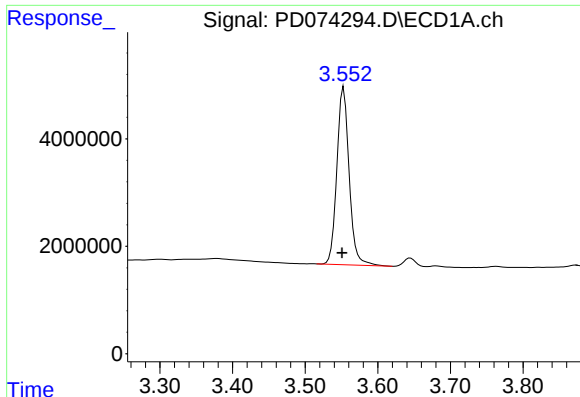
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032023\
Data File : PD074294.D
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

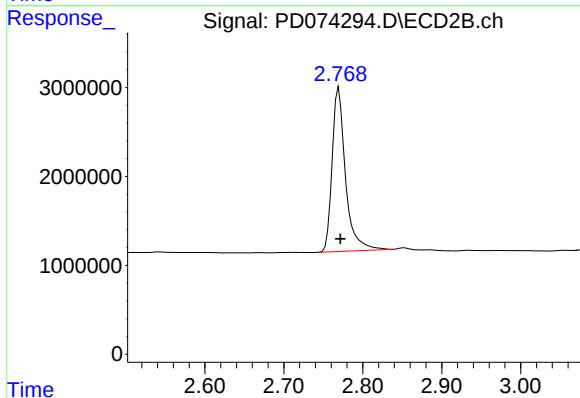




#1 Tetrachloro-m-xylene

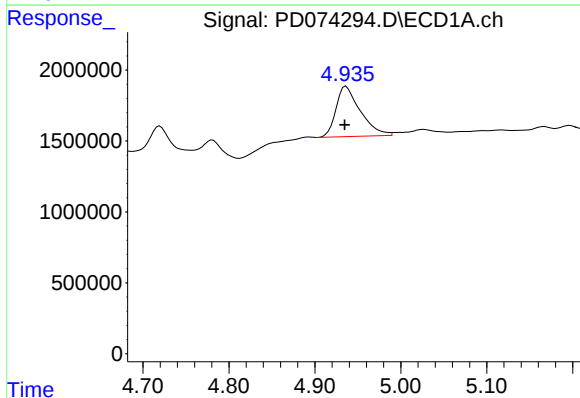
R.T.: 3.553 min
Delta R.T.: 0.002 min
Response: 38698970
Conc: 16.59 ng/ml

Instrument :
ECD_D
ClientSampleId :



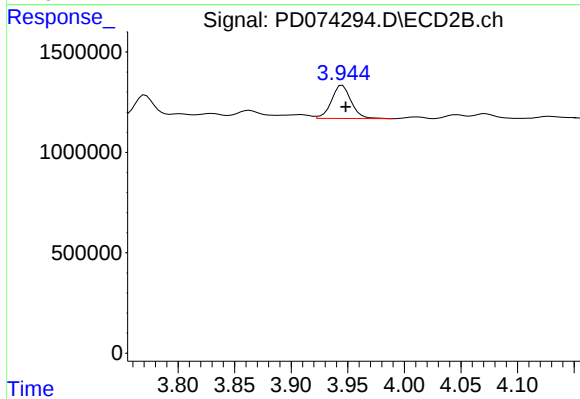
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 21695020
Conc: 17.83 ng/ml



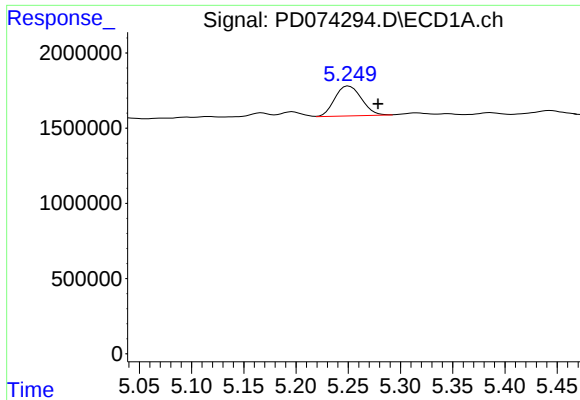
#4 Heptachlor

R.T.: 4.936 min
Delta R.T.: 0.002 min
Response: 6952340
Conc: 2.03 ng/ml



#4 Heptachlor

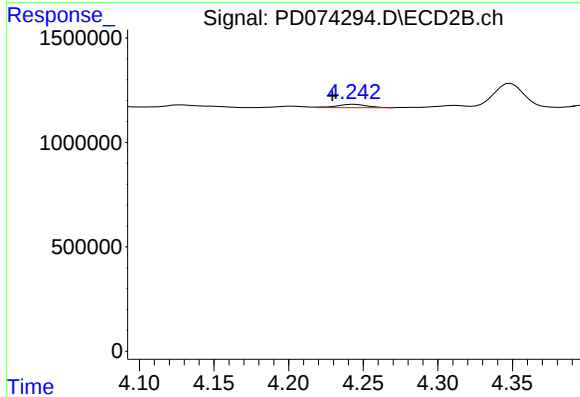
R.T.: 3.945 min
Delta R.T.: -0.003 min
Response: 2003706
Conc: 1.17 ng/ml



#5 Aldrin

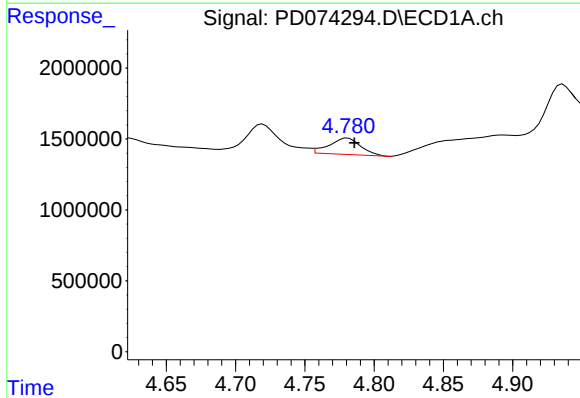
R.T.: 5.250 min
Delta R.T.: -0.028 min
Response: 3533448
Conc: 1.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



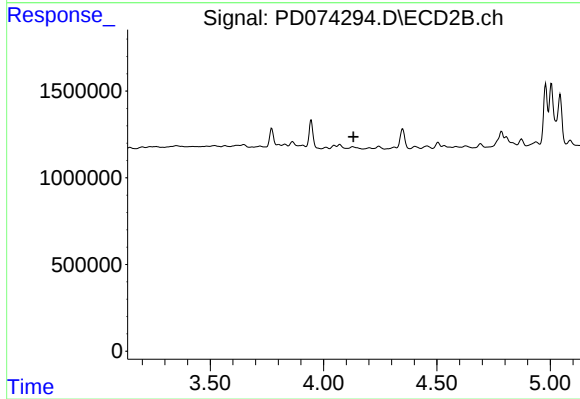
#5 Aldrin

R.T.: 4.244 min
Delta R.T.: 0.014 min
Response: 224091
Conc: 0.13 ng/ml



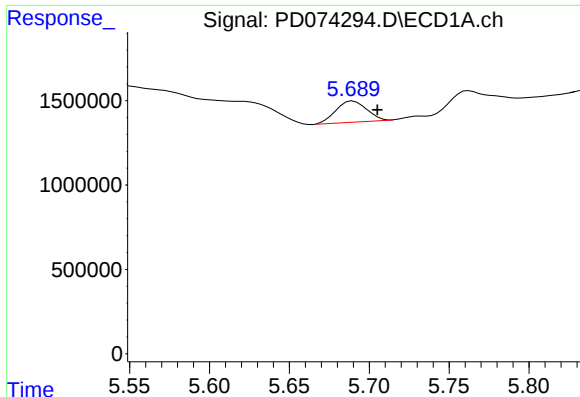
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: -0.005 min
Response: 1825804
Conc: 0.67 ng/ml



#7 delta-BHC

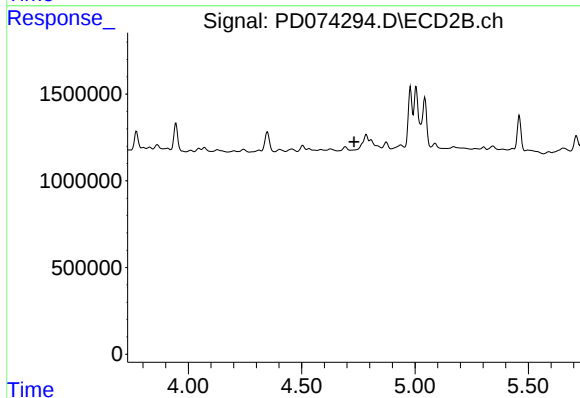
R.T.: 0.000 min
Exp R.T. : 4.133 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

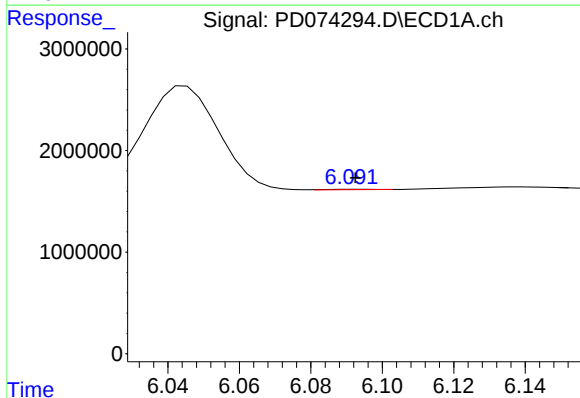
R.T.: 5.690 min
Delta R.T.: -0.015 min
Response: 1682502
Conc: 0.60 ng/ml

Instrument :
ECD_D
ClientSampleId :



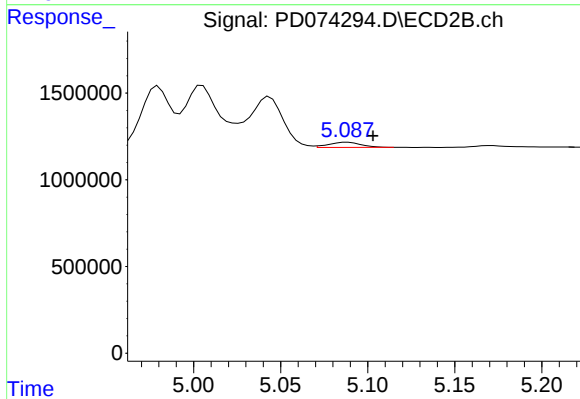
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.732 min
Response: 0
Conc: N.D.



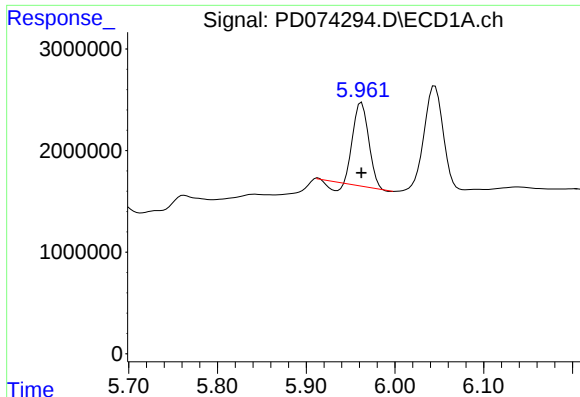
#9 Endosulfan I

R.T.: 6.093 min
Delta R.T.: 0.000 min
Response: 32405
Conc: 0.01 ng/ml



#9 Endosulfan I

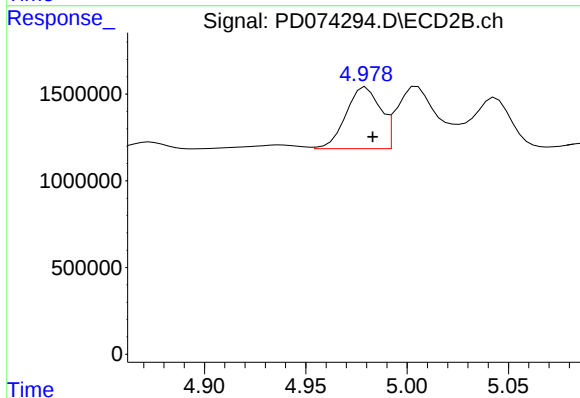
R.T.: 5.088 min
Delta R.T.: -0.015 min
Response: 380137
Conc: 0.26 ng/ml



#10 gamma-Chlordane

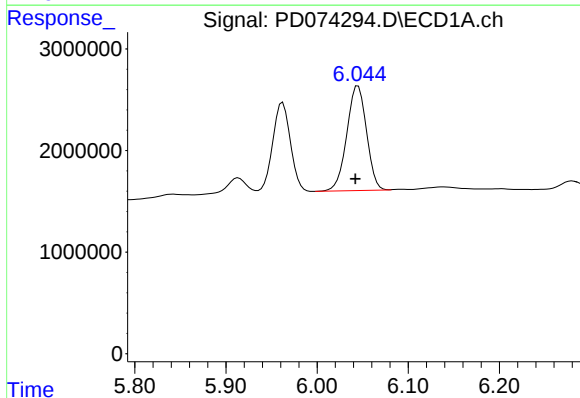
R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 9531350
Conc: 3.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



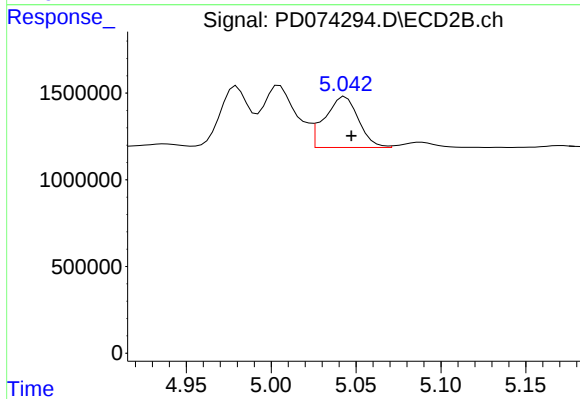
#10 gamma-Chlordane

R.T.: 4.980 min
Delta R.T.: -0.003 min
Response: 4171900
Conc: 2.69 ng/ml



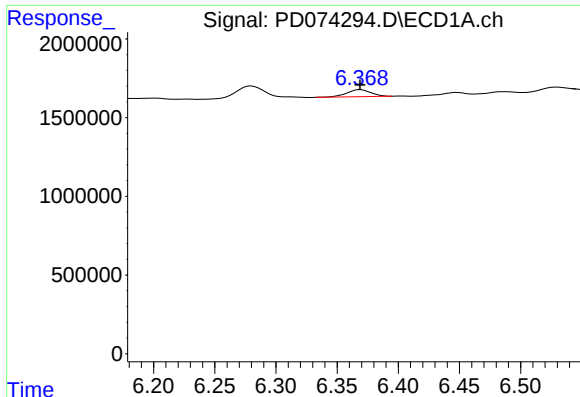
#11 alpha-Chlordane

R.T.: 6.045 min
Delta R.T.: 0.003 min
Response: 15497105
Conc: 5.14 ng/ml



#11 alpha-Chlordane

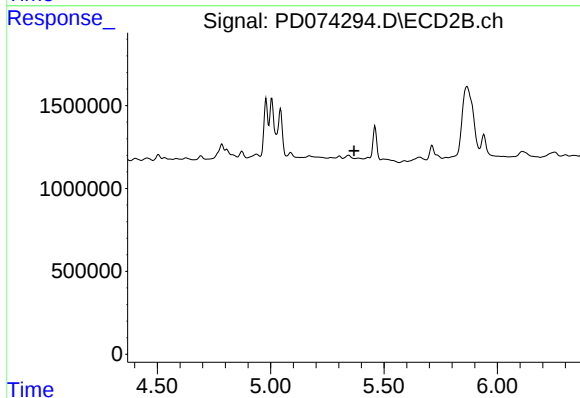
R.T.: 5.044 min
Delta R.T.: -0.004 min
Response: 4064984
Conc: 2.64 ng/ml



#13 Dieldrin

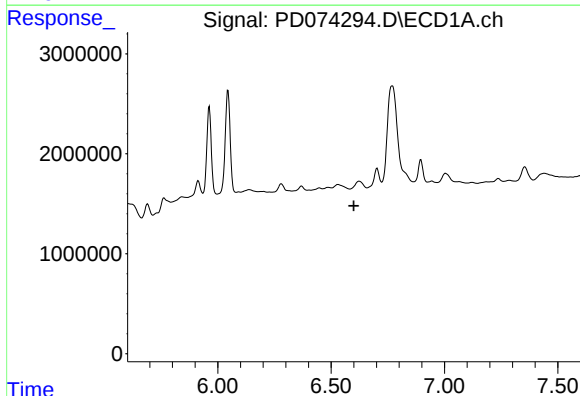
R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 602932
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



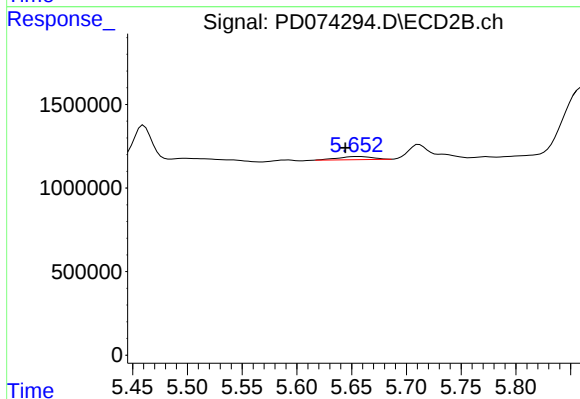
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.369 min
Response: 0
Conc: N.D.



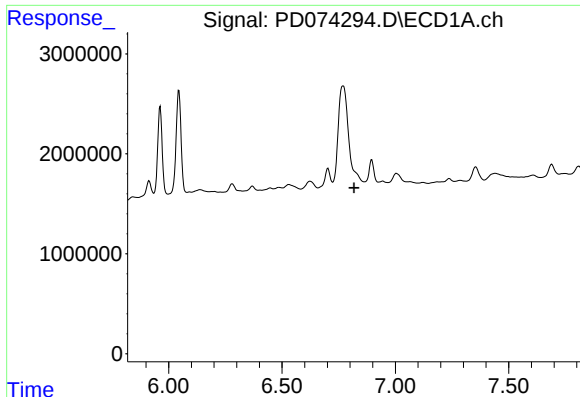
#14 Endrin

R.T.: 6.624 min
Delta R.T.: 0.024 min
Response: -545139
Conc: N.D.



#14 Endrin

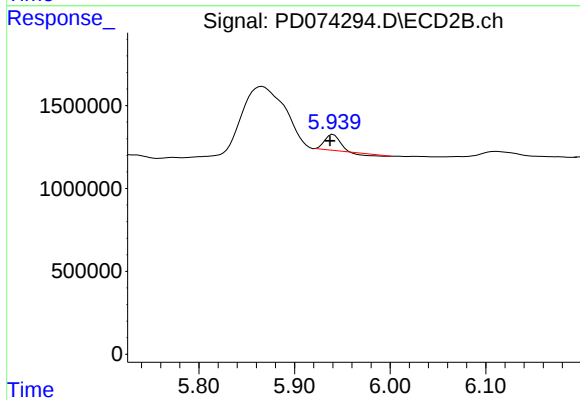
R.T.: 5.654 min
Delta R.T.: 0.010 min
Response: 406742
Conc: 0.31 ng/ml



#15 Endosulfan II

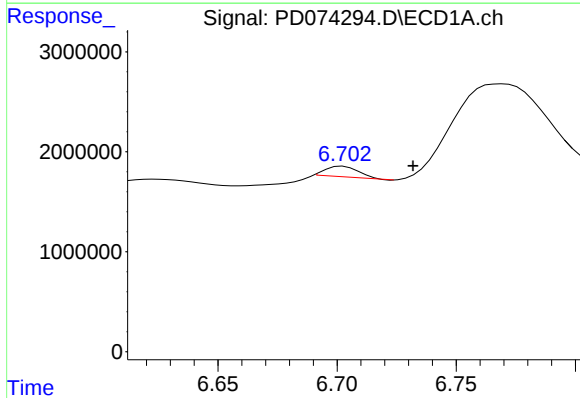
R.T.: 0.000 min
Exp R.T.: 6.818 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



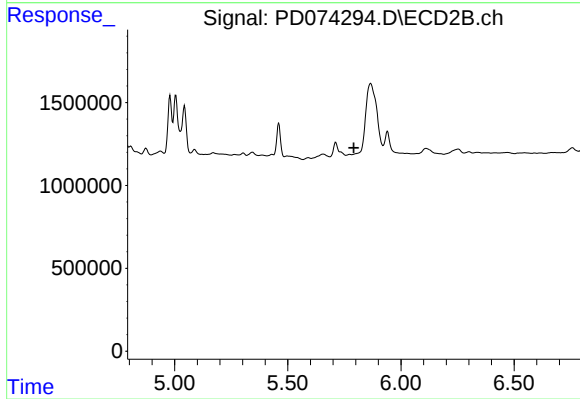
#15 Endosulfan II

R.T.: 5.940 min
Delta R.T.: 0.003 min
Response: 624766
Conc: 0.50 ng/ml



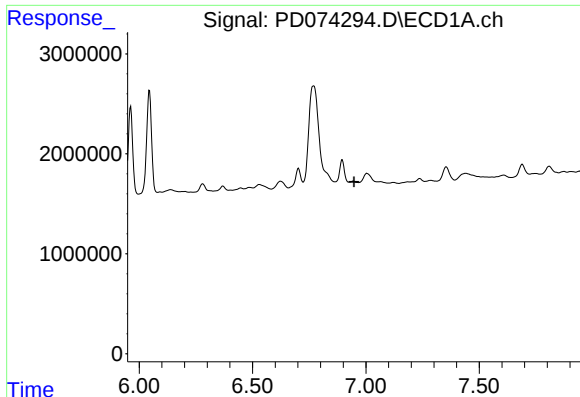
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: -0.029 min
Response: 1008433
Conc: 0.45 ng/ml



#16 4,4'-DDD

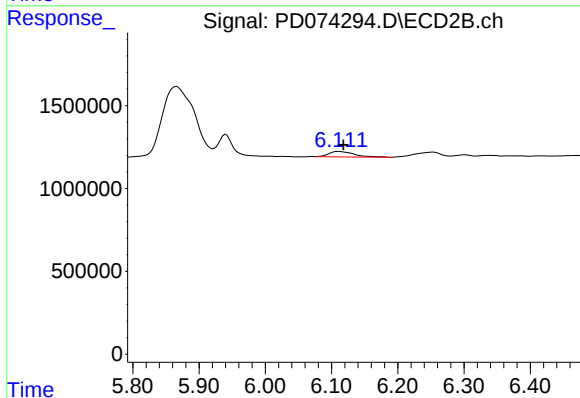
R.T.: 0.000 min
Exp R.T.: 5.792 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

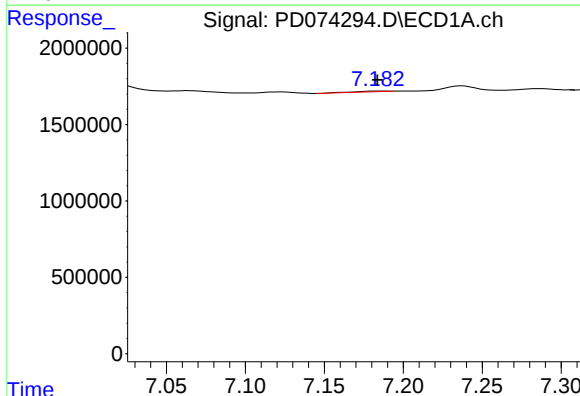
R.T.: 0.000 min
Exp R.T.: 6.948 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



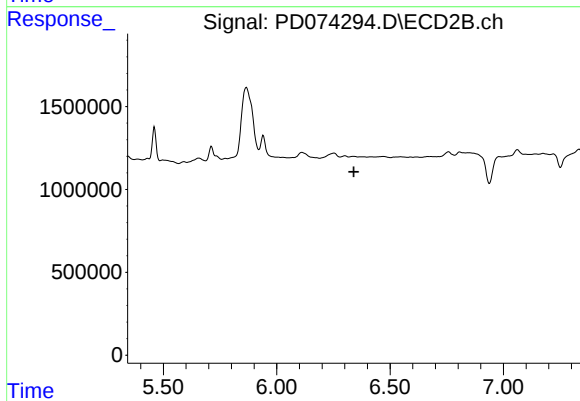
#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: -0.006 min
Response: 868973
Conc: 0.86 ng/ml



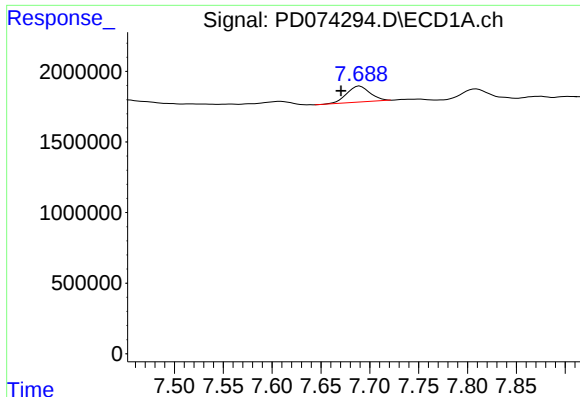
#19 Endosulfan Sulfate

R.T.: 7.184 min
Delta R.T.: 0.000 min
Response: 60413
Conc: 0.02 ng/ml



#19 Endosulfan Sulfate

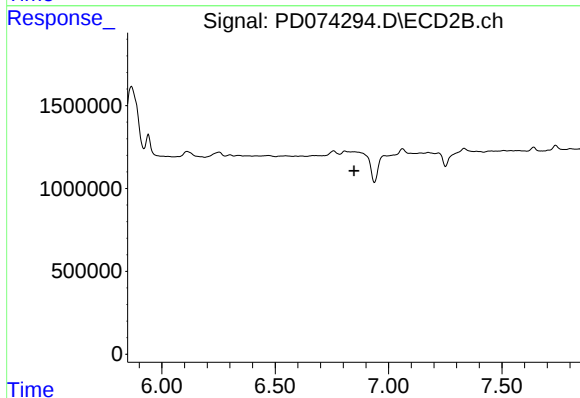
R.T.: 0.000 min
Exp R.T.: 6.340 min
Response: 0
Conc: N.D.



#21 Endrin ketone

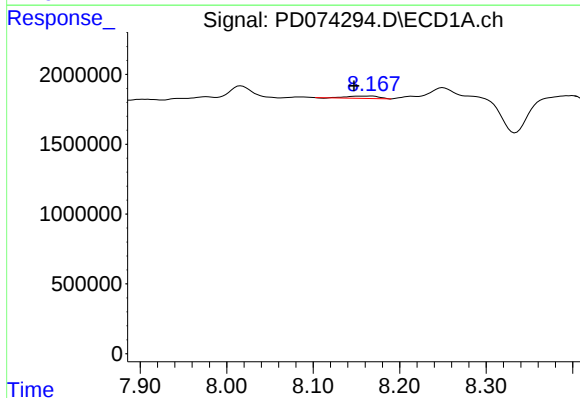
R.T.: 7.690 min
Delta R.T.: 0.019 min
Response: 1867489
Conc: 0.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



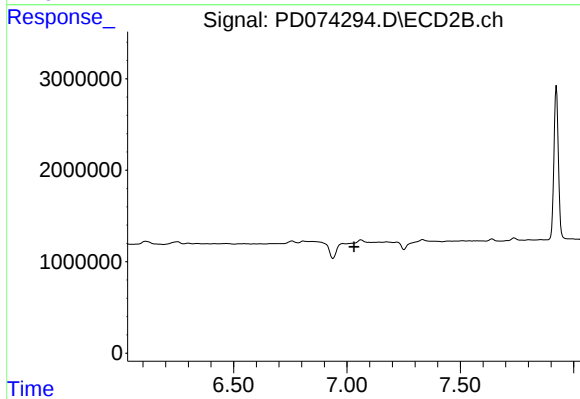
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.848 min
Response: 0
Conc: N.D.



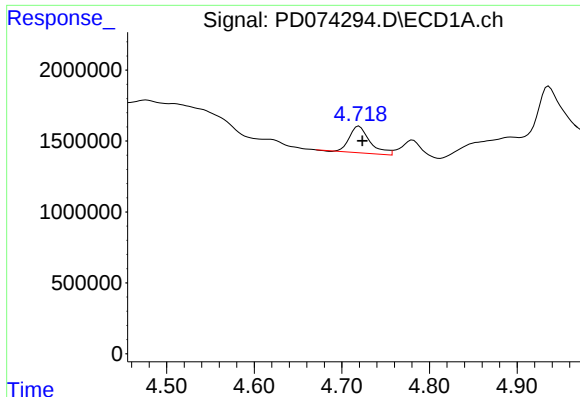
#22 Mirex

R.T.: 8.168 min
Delta R.T.: 0.021 min
Response: 400634
Conc: 0.19 ng/ml



#22 Mirex

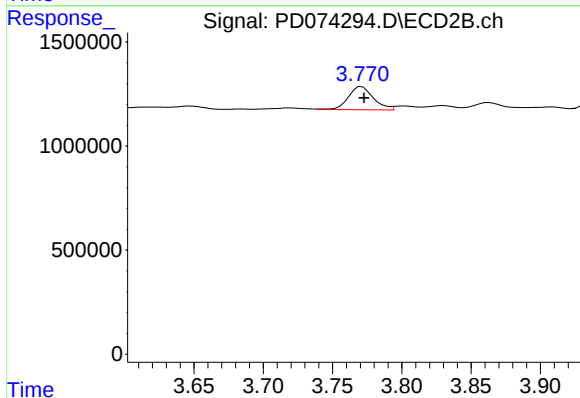
R.T.: 0.000 min
Exp R.T. : 7.032 min
Response: 0
Conc: N.D.



#23 Chlordane-1

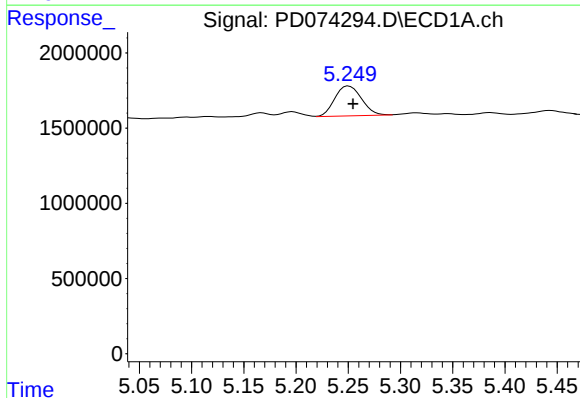
R.T.: 4.720 min
Delta R.T.: -0.004 min
Response: 3093269
Conc: 25.94 ng/ml

Instrument :
ECD_D
ClientSampleId :



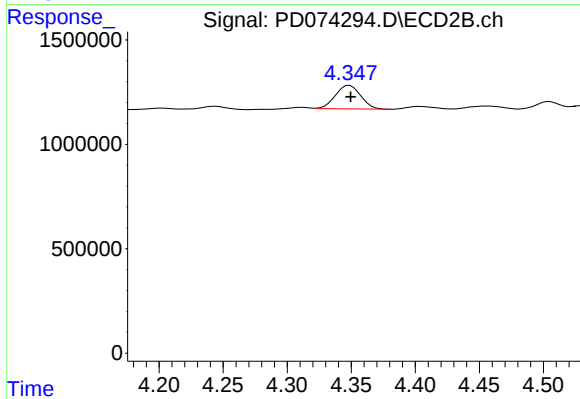
#23 Chlordane-1

R.T.: 3.771 min
Delta R.T.: -0.002 min
Response: 1401299
Conc: 27.81 ng/ml



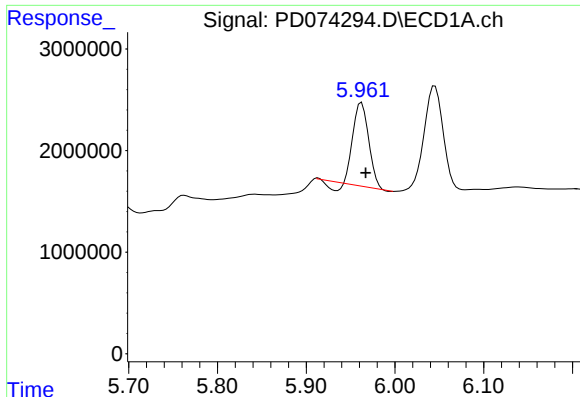
#24 Chlordane-2

R.T.: 5.250 min
Delta R.T.: -0.004 min
Response: 3533448
Conc: 26.37 ng/ml



#24 Chlordane-2

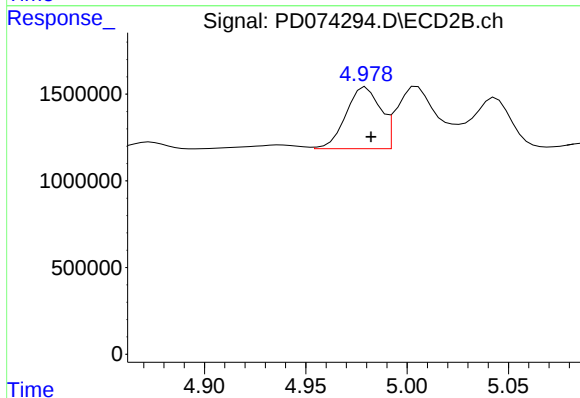
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 1551442
Conc: 26.62 ng/ml



#25 Chlordane-3

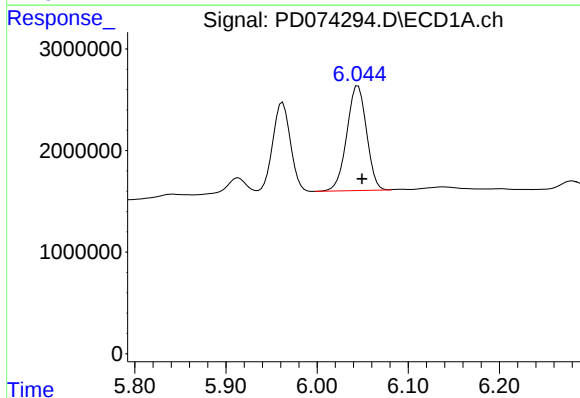
R.T.: 5.962 min
Delta R.T.: -0.005 min
Response: 9531350
Conc: 19.27 ng/ml

Instrument :
ECD_D
ClientSampleId :



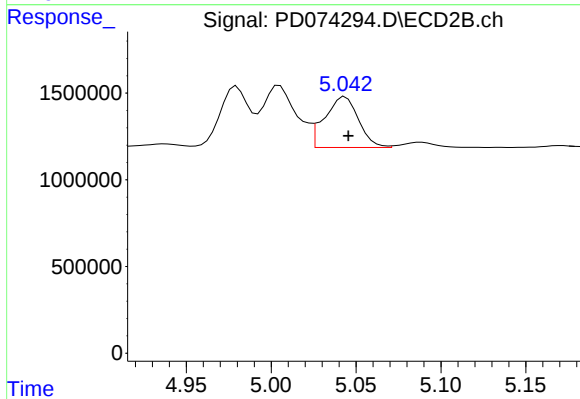
#25 Chlordane-3

R.T.: 4.980 min
Delta R.T.: -0.003 min
Response: 4171900
Conc: 24.85 ng/ml



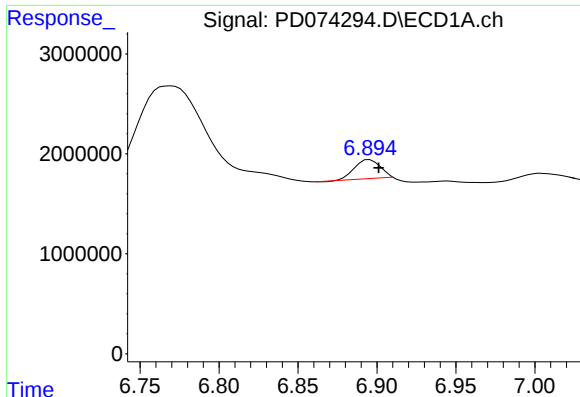
#26 Chlordane-4

R.T.: 6.045 min
Delta R.T.: -0.004 min
Response: 15497105
Conc: 25.80 ng/ml



#26 Chlordane-4

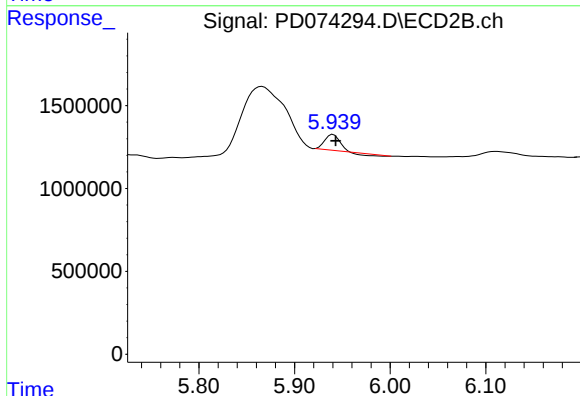
R.T.: 5.044 min
Delta R.T.: -0.002 min
Response: 4064984
Conc: 25.20 ng/ml



#27 Chlordane-5

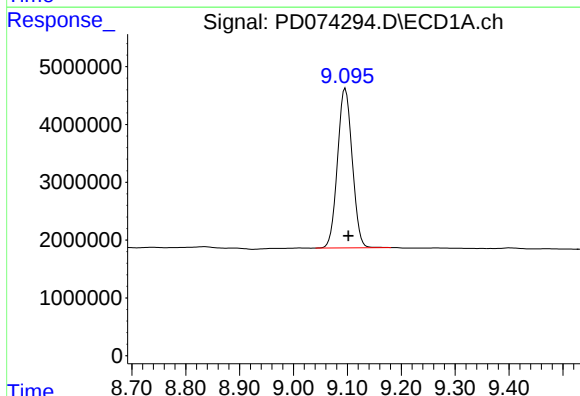
R.T.: 6.895 min
Delta R.T.: -0.006 min
Response: 2189799
Conc: 21.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



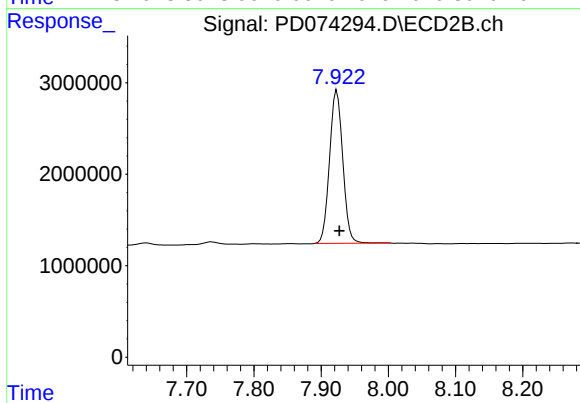
#27 Chlordane-5

R.T.: 5.940 min
Delta R.T.: -0.003 min
Response: 624766
Conc: 10.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.096 min
Delta R.T.: -0.005 min
Response: 52368100
Conc: 19.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.924 min
Delta R.T.: -0.004 min
Response: 22716052
Conc: 18.51 ng/ml