

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040723\
 Data File : PD074614.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 19:28
 Operator : AR\AJ
 Sample : 02213-02
 Misc : PEST LOQ 5PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 07 22:04:51 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...	3.549	2.770	44452924	23766297	19.057	19.529
28)	SA Decachlor...	9.091	7.920	58376933	25697317	21.827	20.945
Target Compounds							
2)	A alpha-BHC	4.005	3.273	16306627	8080994	4.202	4.348
3)	MA gamma-BHC...	4.338	3.603	17013744	7999313	4.850	4.669
4)	MA Heptachlor	4.931	3.945	17100683	8090527	4.991	4.743
5)	MB Aldrin	5.274	4.225	17378562	8102928	5.161	4.803
6)	B beta-BHC	4.533	3.899	8090271	3912184	5.474	5.181
7)	B delta-BHC	4.782	4.130	16007000	7818006	5.833	4.593
8)	B Heptachlo...	5.700	4.728	16422139	7807929	5.839	5.086
9)	A Endosulfan I	6.088	5.098	15362005	7181533	5.403	4.990
10)	B gamma-Chl...	5.957	4.978	16011946	7732215	5.335	4.980
11)	B alpha-Chl...	6.037	5.043	16520099	7875328	5.478	5.114
12)	B 4,4'-DDE	6.209	5.232	14105811	6675640	5.116	4.731
13)	MA Dieldrin	6.363	5.363	15817416	7492752	5.362	4.983
14)	MA Endrin	6.594	5.639	13496627	6662215	5.431	5.097
15)	B Endosulfa...	6.812	5.932	18965134	7079182	7.363	5.626
16)	A 4,4'-DDD	6.726	5.787	12046814	5707028	5.370	4.889
17)	MA 4,4'-DDT	7.042	6.039	13264902	5741040	5.204	4.675
18)	B Endrin al...	6.943	6.112	12727063	6103686	6.367	6.010
19)	B Endosulfa...	7.177	6.335	14410111	6723988	5.836	5.508
20)	A Methoxychlor	7.517	6.615	8717378	3724917	6.230	5.505
21)	B Endrin ke...	7.664	6.842	16551448	8052498	5.946	5.459
22)	Mirex	8.140	7.026	13404379	6514045	6.313	5.735
24)	Chlordane-2	5.274f	0.000	17378562	0	129.700	N.D. #
25)	Chlordane-3	5.957	4.978	16011946	7732215	32.367	46.064 #
26)	Chlordane-4	6.037	5.043	16520099	7875328	27.500	48.814 #
27)	Chlordane-5	0.000	5.932	0	7079182	N.D.	117.277 #

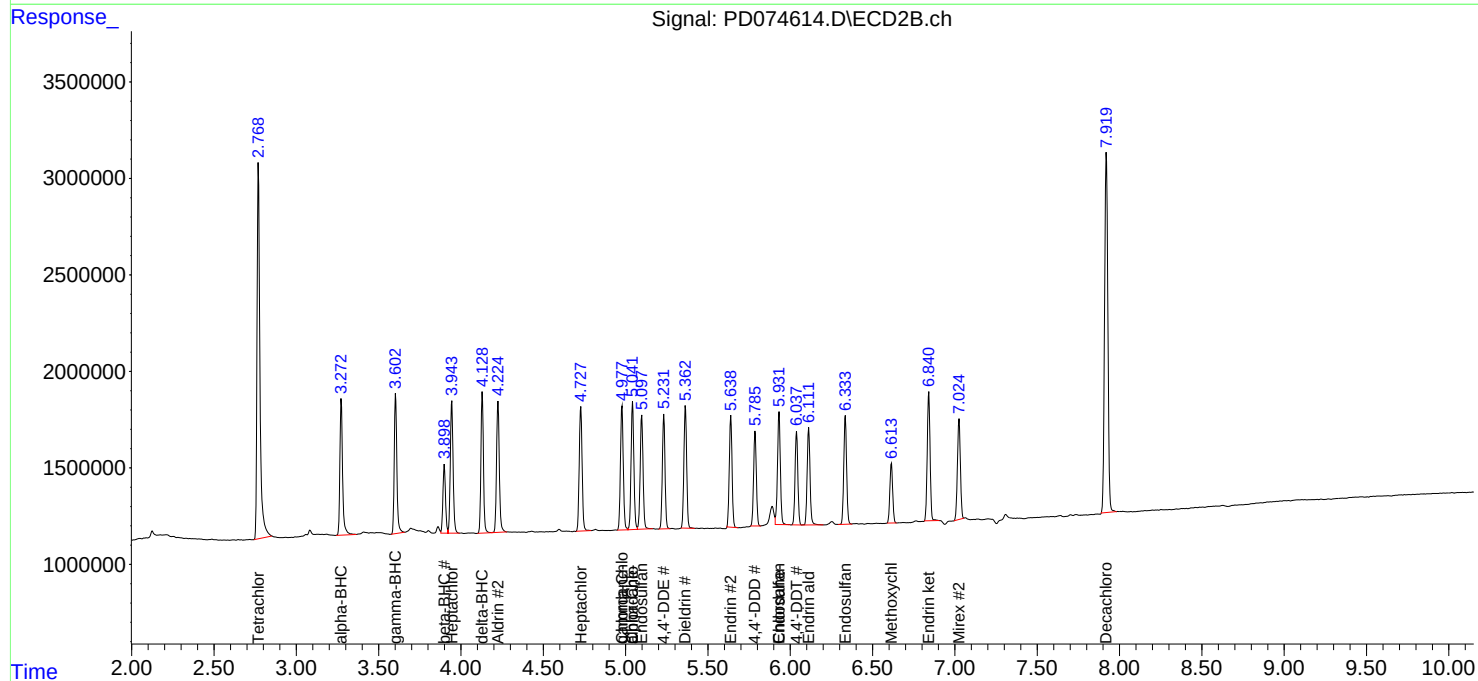
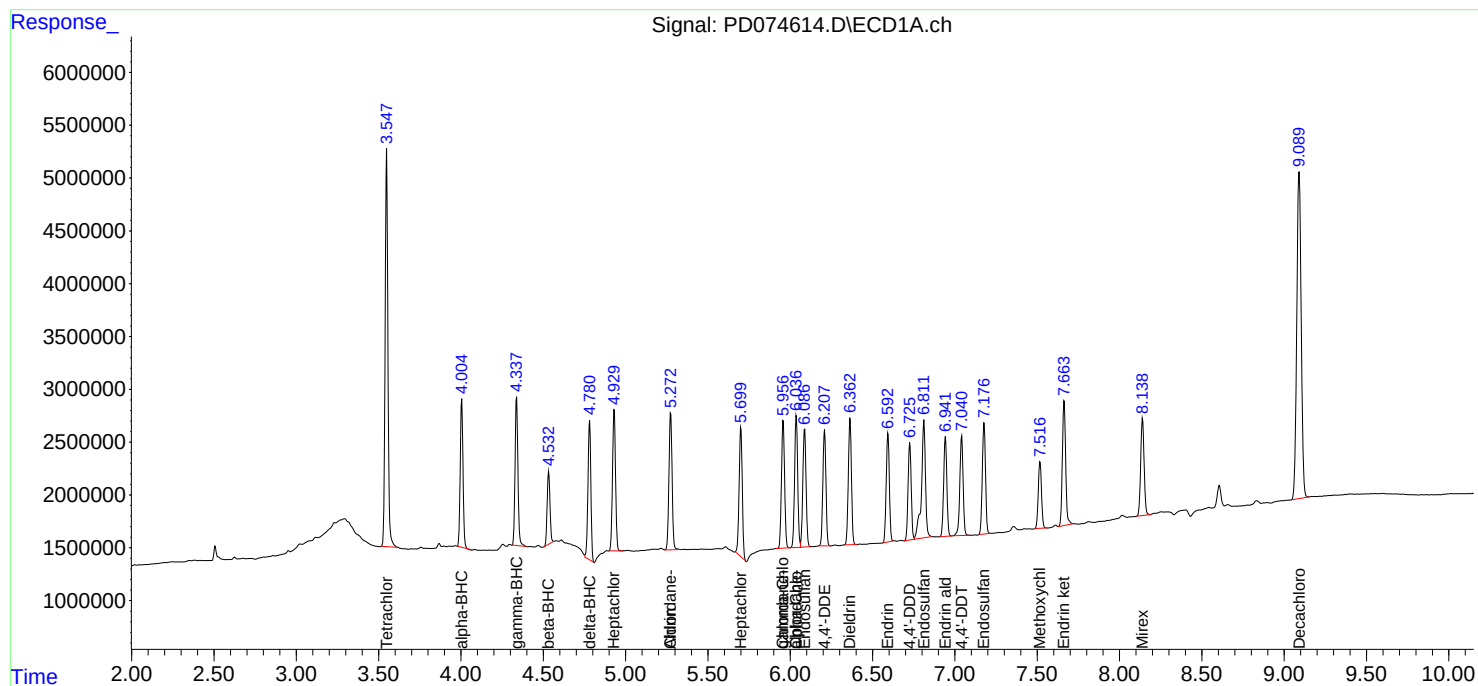
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

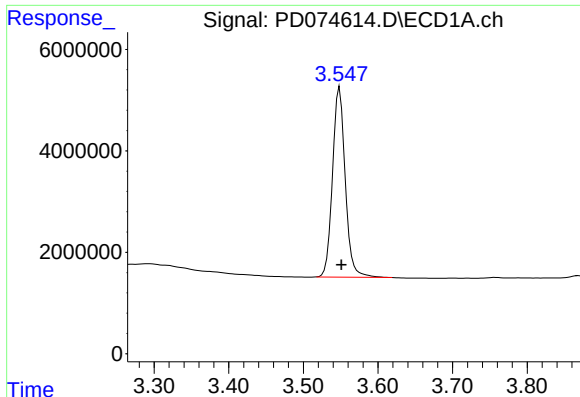
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040723\
Data File : PD074614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Apr 2023 19:28
Operator : AR\AJ
Sample : 02213-02
Misc : PEST LOQ 5PPB
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 07 22:04:51 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
Quant Title : GC Extractables
QLast Update : Wed Mar 15 12:23:31 2023
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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

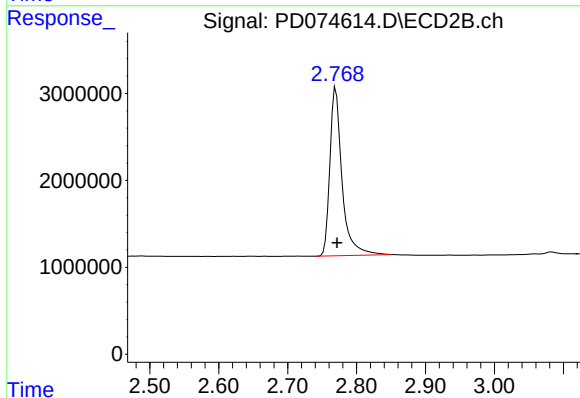




#1 Tetrachloro-m-xylene

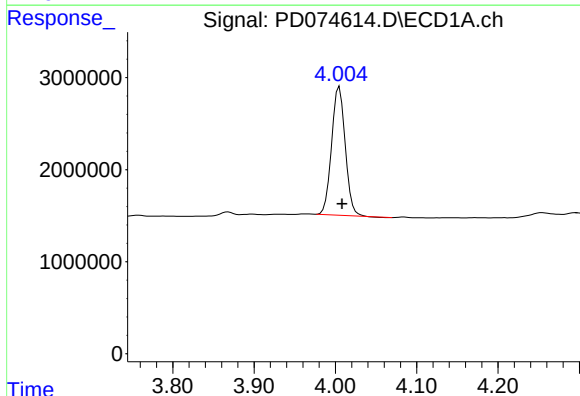
R.T.: 3.549 min
Delta R.T.: -0.002 min
Response: 44452924
Conc: 19.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



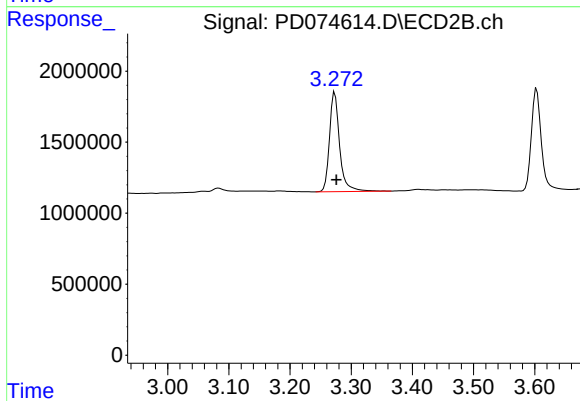
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 23766297
Conc: 19.53 ng/ml



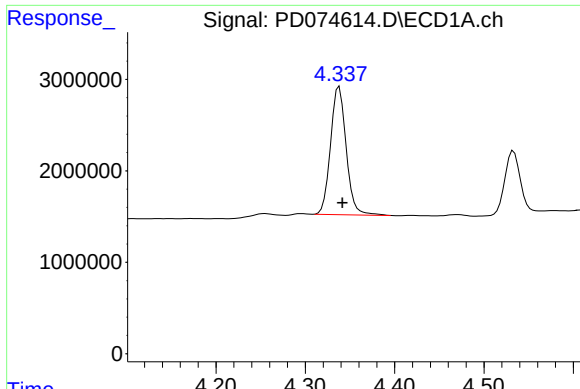
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: -0.003 min
Response: 16306627
Conc: 4.20 ng/ml



#2 alpha-BHC

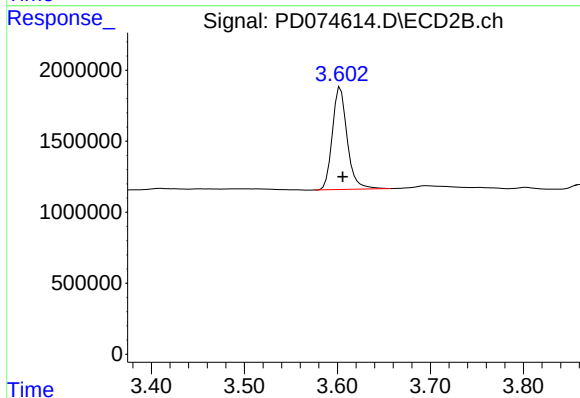
R.T.: 3.273 min
Delta R.T.: -0.003 min
Response: 8080994
Conc: 4.35 ng/ml



#3 gamma-BHC (Lindane)

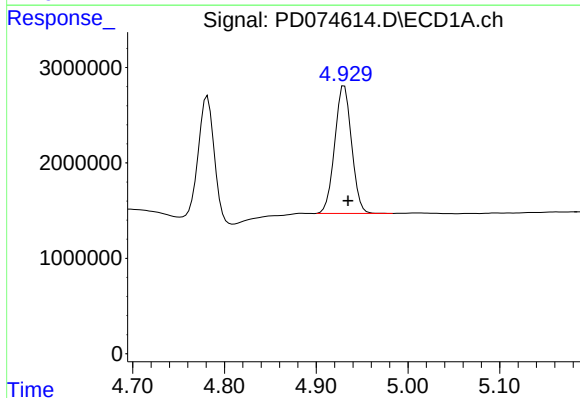
R.T.: 4.338 min
Delta R.T.: -0.003 min
Response: 17013744
Conc: 4.85 ng/ml

Instrument :
ECD_D
ClientSampleId :



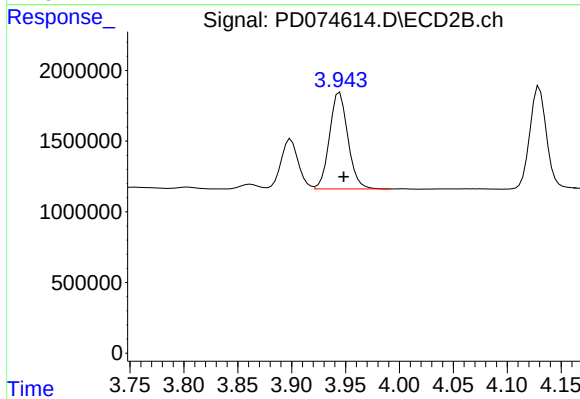
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: -0.002 min
Response: 7999313
Conc: 4.67 ng/ml



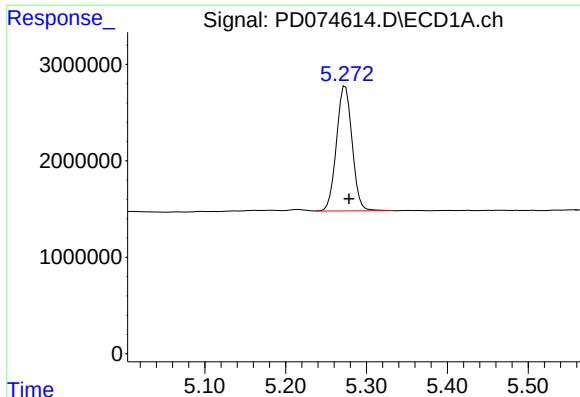
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: -0.004 min
Response: 17100683
Conc: 4.99 ng/ml



#4 Heptachlor

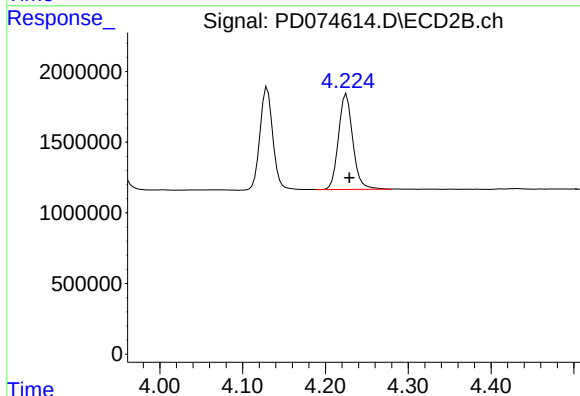
R.T.: 3.945 min
Delta R.T.: -0.004 min
Response: 8090527
Conc: 4.74 ng/ml



#5 Aldrin

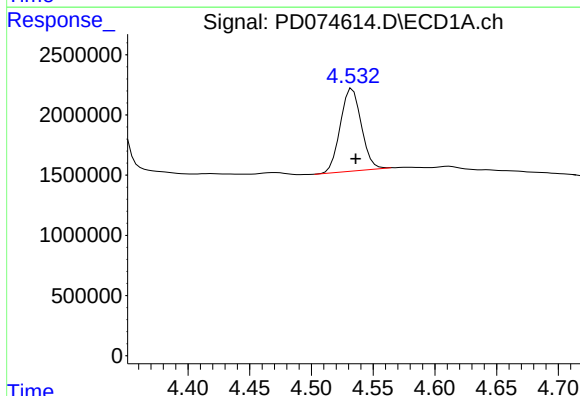
R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 17378562
Conc: 5.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



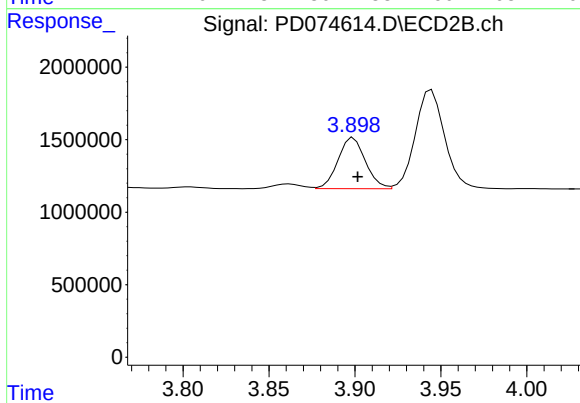
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: -0.004 min
Response: 8102928
Conc: 4.80 ng/ml



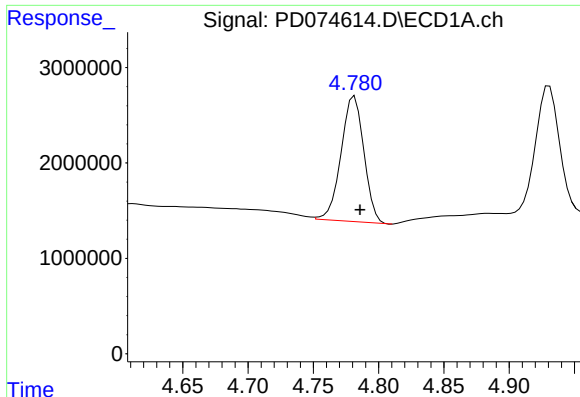
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: -0.003 min
Response: 8090271
Conc: 5.47 ng/ml



#6 beta-BHC

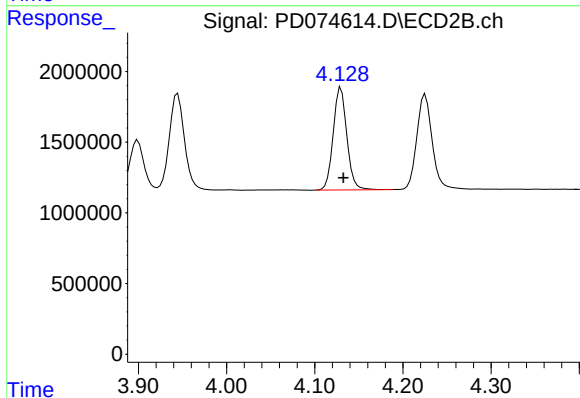
R.T.: 3.899 min
Delta R.T.: -0.002 min
Response: 3912184
Conc: 5.18 ng/ml



#7 delta-BHC

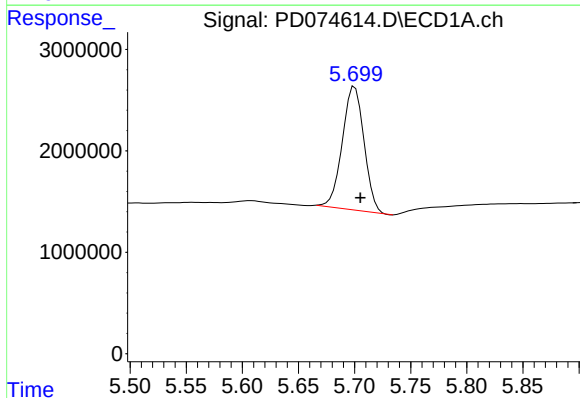
R.T.: 4.782 min
Delta R.T.: -0.004 min
Response: 16007000
Conc: 5.83 ng/ml

Instrument :
ECD_D
ClientSampleId :



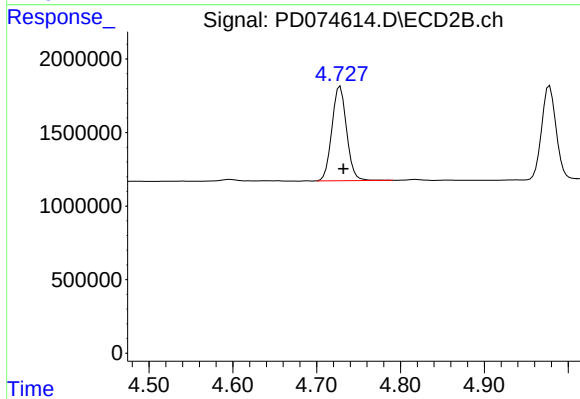
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 7818006
Conc: 4.59 ng/ml



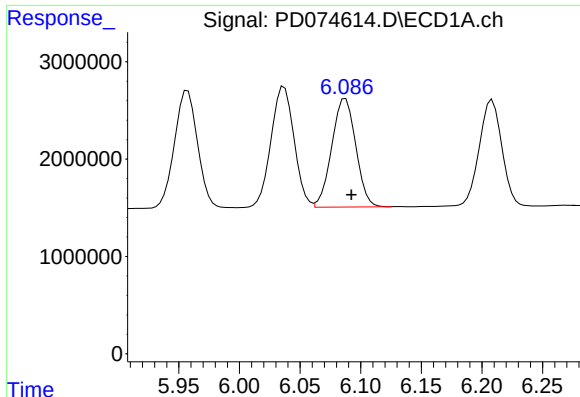
#8 Heptachlor epoxide

R.T.: 5.700 min
Delta R.T.: -0.005 min
Response: 16422139
Conc: 5.84 ng/ml



#8 Heptachlor epoxide

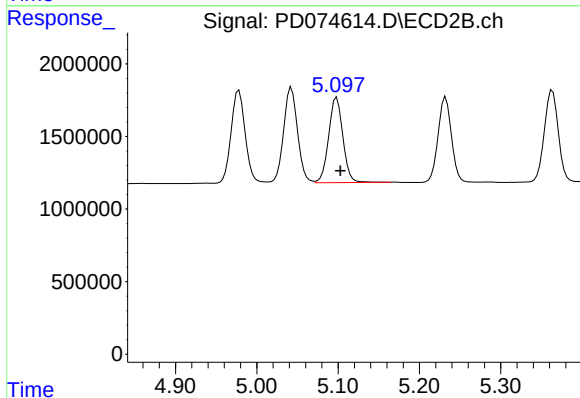
R.T.: 4.728 min
Delta R.T.: -0.004 min
Response: 7807929
Conc: 5.09 ng/ml



#9 Endosulfan I

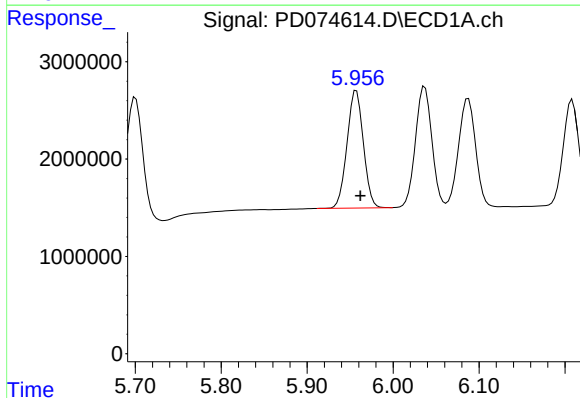
R.T.: 6.088 min
Delta R.T.: -0.005 min
Response: 15362005
Conc: 5.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



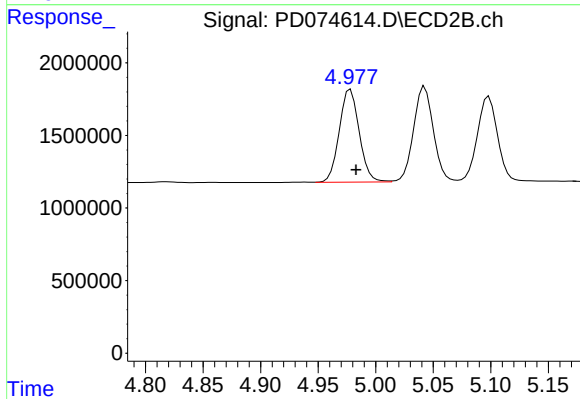
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: -0.005 min
Response: 7181533
Conc: 4.99 ng/ml



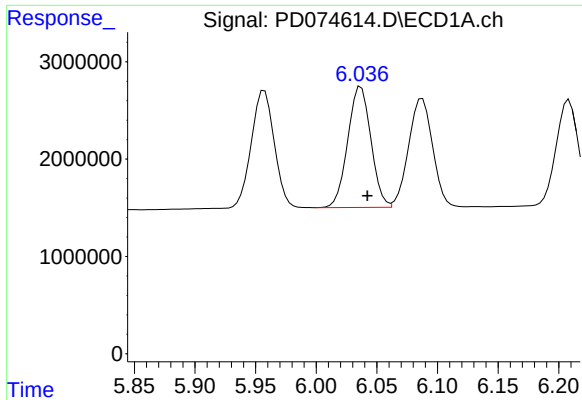
#10 gamma-Chlordane

R.T.: 5.957 min
Delta R.T.: -0.005 min
Response: 16011946
Conc: 5.34 ng/ml



#10 gamma-Chlordane

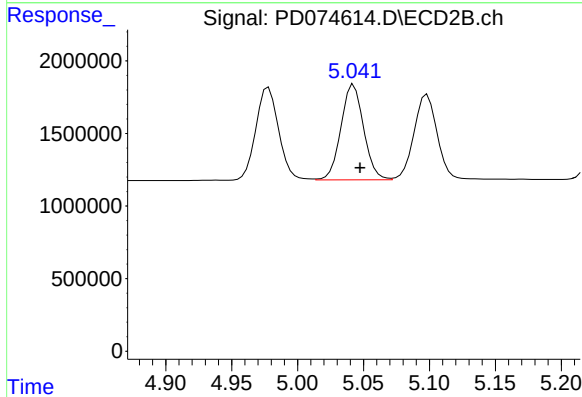
R.T.: 4.978 min
Delta R.T.: -0.005 min
Response: 7732215
Conc: 4.98 ng/ml



#11 alpha-Chlordane

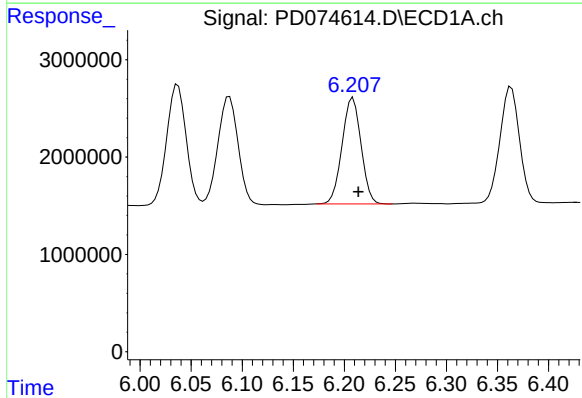
R.T.: 6.037 min
Delta R.T.: -0.005 min
Response: 16520099
Conc: 5.48 ng/ml

Instrument :
ECD_D
ClientSampleId :



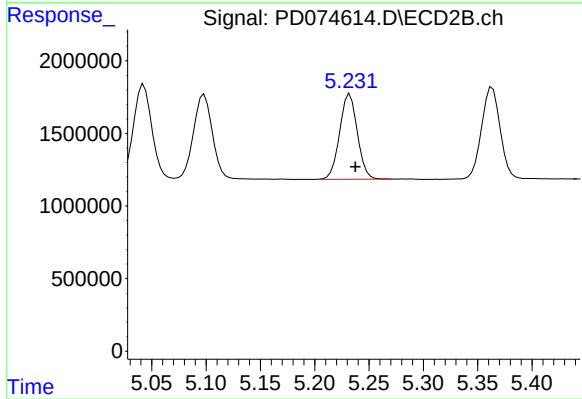
#11 alpha-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.005 min
Response: 7875328
Conc: 5.11 ng/ml



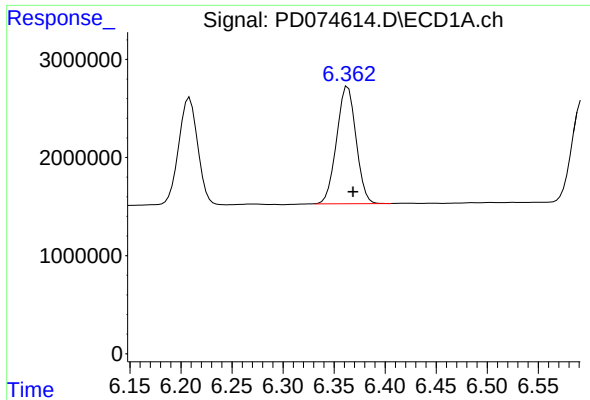
#12 4,4'-DDE

R.T.: 6.209 min
Delta R.T.: -0.005 min
Response: 14105811
Conc: 5.12 ng/ml



#12 4,4'-DDE

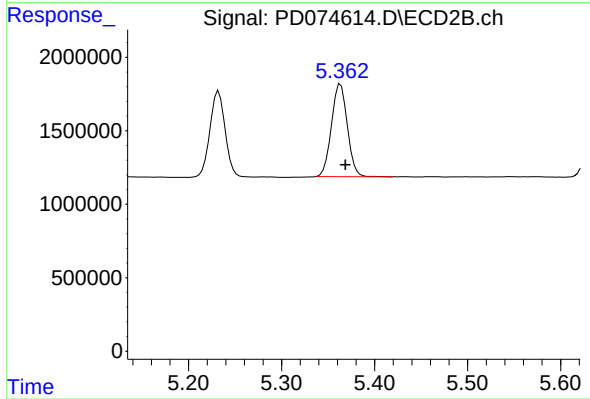
R.T.: 5.232 min
Delta R.T.: -0.005 min
Response: 6675640
Conc: 4.73 ng/ml



#13 Dieldrin

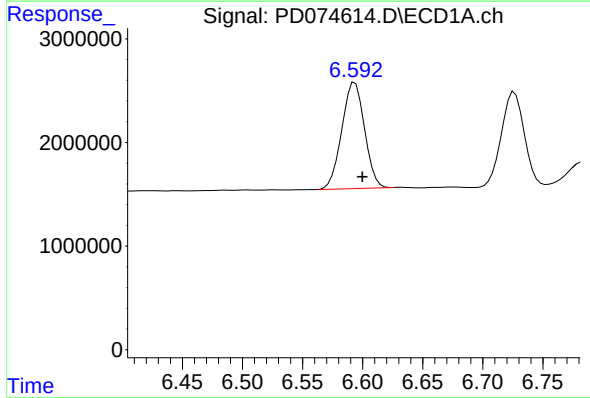
R.T.: 6.363 min
Delta R.T.: -0.005 min
Response: 15817416
Conc: 5.36 ng/ml

Instrument :
ECD_D
ClientSampleId :



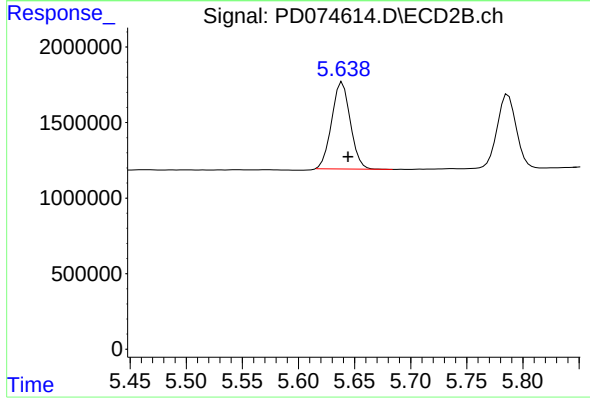
#13 Dieldrin

R.T.: 5.363 min
Delta R.T.: -0.005 min
Response: 7492752
Conc: 4.98 ng/ml



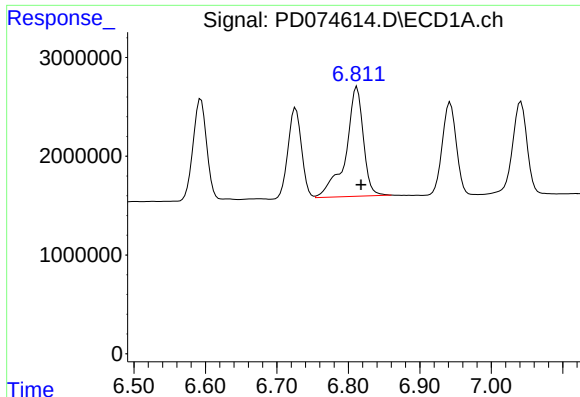
#14 Endrin

R.T.: 6.594 min
Delta R.T.: -0.006 min
Response: 13496627
Conc: 5.43 ng/ml



#14 Endrin

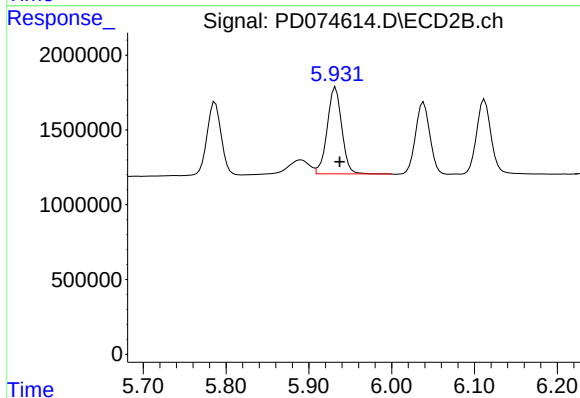
R.T.: 5.639 min
Delta R.T.: -0.005 min
Response: 6662215
Conc: 5.10 ng/ml



#15 Endosulfan II

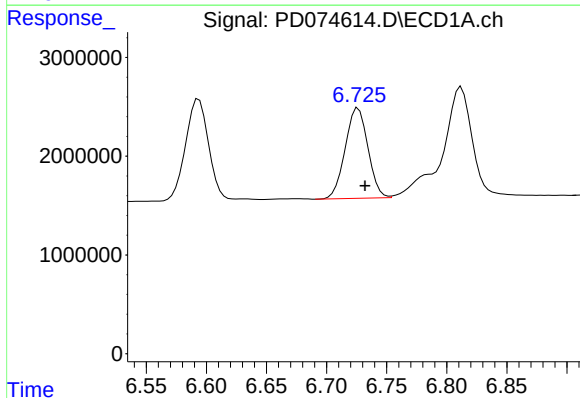
R.T.: 6.812 min
Delta R.T.: -0.006 min
Response: 18965134
Conc: 7.36 ng/ml

Instrument :
ECD_D
ClientSampleId :



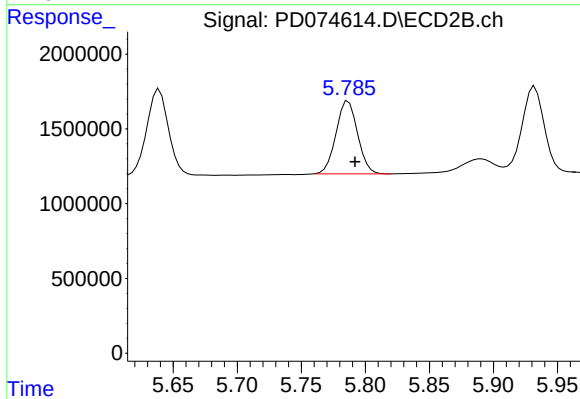
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: -0.005 min
Response: 7079182
Conc: 5.63 ng/ml



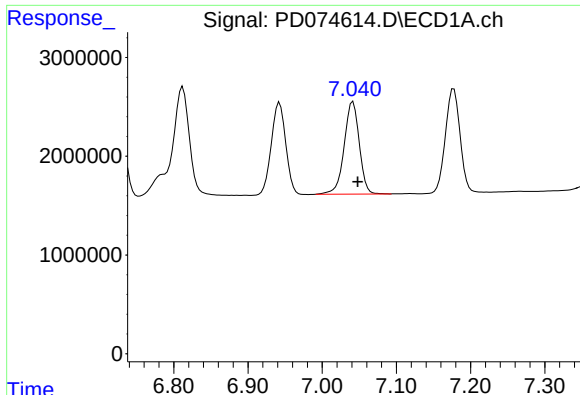
#16 4,4'-DDD

R.T.: 6.726 min
Delta R.T.: -0.005 min
Response: 12046814
Conc: 5.37 ng/ml



#16 4,4'-DDD

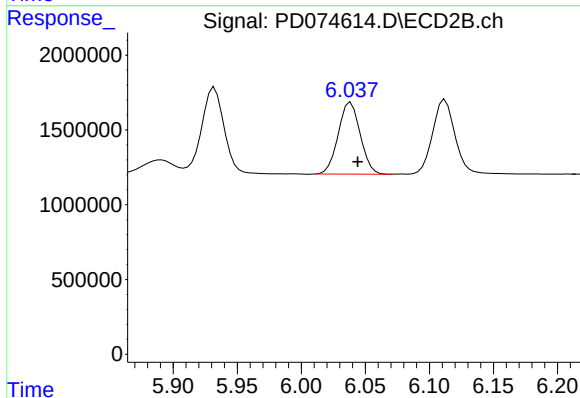
R.T.: 5.787 min
Delta R.T.: -0.005 min
Response: 5707028
Conc: 4.89 ng/ml



#17 4,4'-DDT

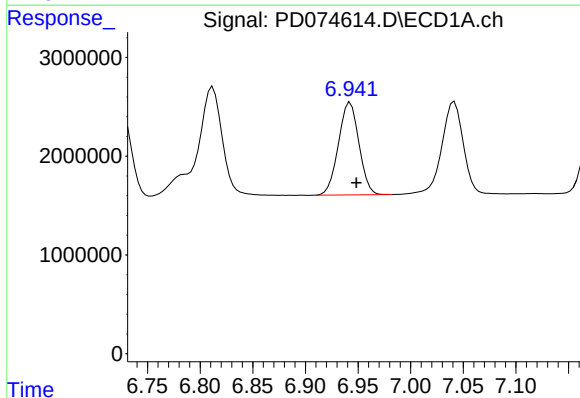
R.T.: 7.042 min
Delta R.T.: -0.006 min
Response: 13264902
Conc: 5.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



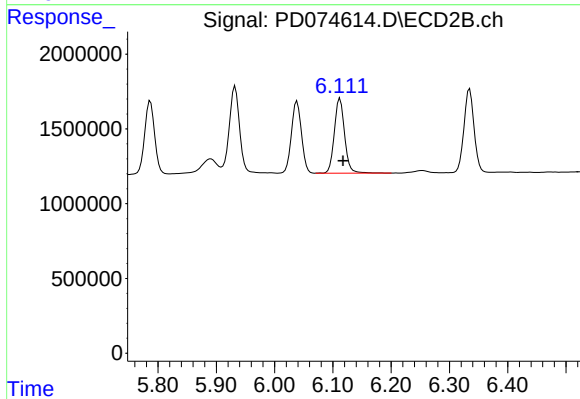
#17 4,4'-DDT

R.T.: 6.039 min
Delta R.T.: -0.006 min
Response: 5741040
Conc: 4.68 ng/ml



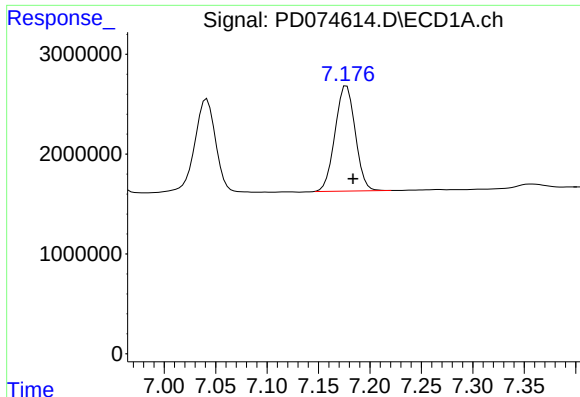
#18 Endrin aldehyde

R.T.: 6.943 min
Delta R.T.: -0.006 min
Response: 12727063
Conc: 6.37 ng/ml



#18 Endrin aldehyde

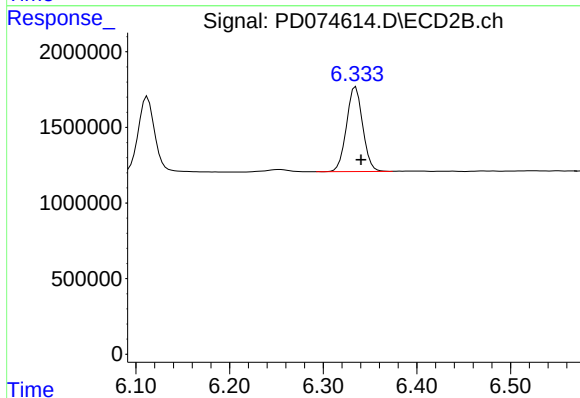
R.T.: 6.112 min
Delta R.T.: -0.006 min
Response: 6103686
Conc: 6.01 ng/ml



#19 Endosulfan Sulfate

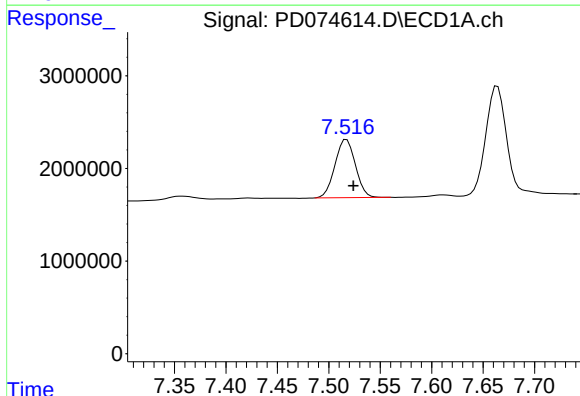
R.T.: 7.177 min
Delta R.T.: -0.006 min
Response: 14410111
Conc: 5.84 ng/ml

Instrument :
ECD_D
ClientSampleId :



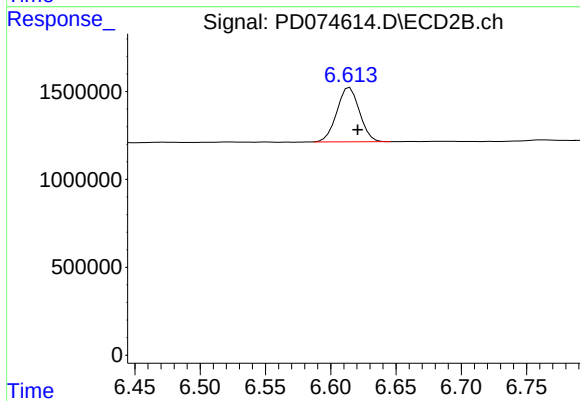
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: -0.006 min
Response: 6723988
Conc: 5.51 ng/ml



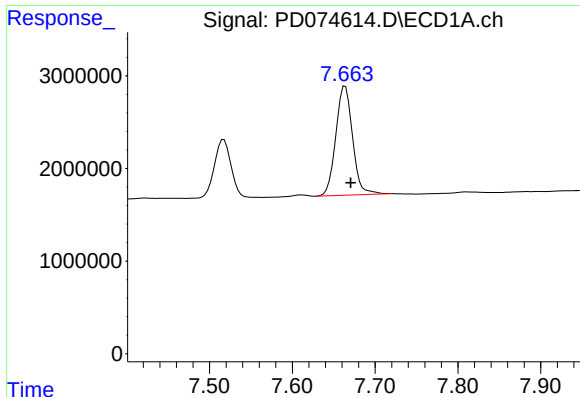
#20 Methoxychlor

R.T.: 7.517 min
Delta R.T.: -0.007 min
Response: 8717378
Conc: 6.23 ng/ml



#20 Methoxychlor

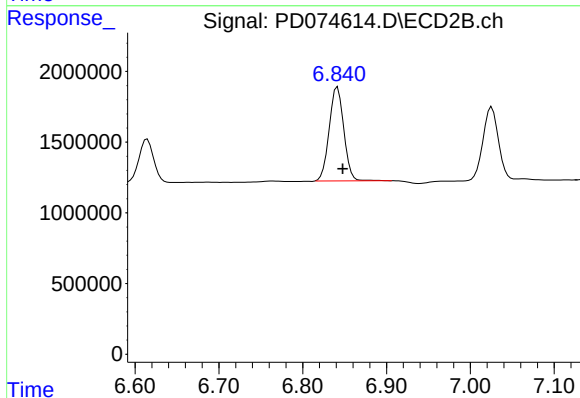
R.T.: 6.615 min
Delta R.T.: -0.006 min
Response: 3724917
Conc: 5.51 ng/ml



#21 Endrin ketone

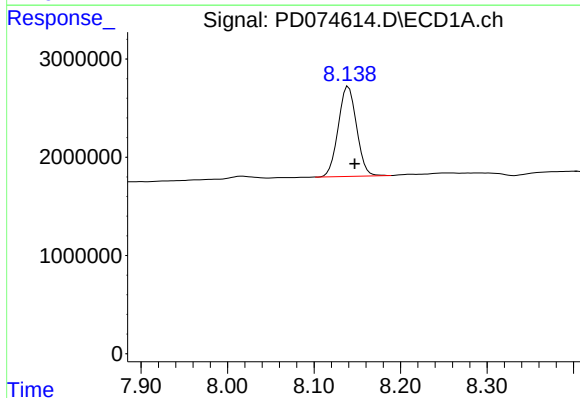
R.T.: 7.664 min
Delta R.T.: -0.007 min
Response: 16551448
Conc: 5.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



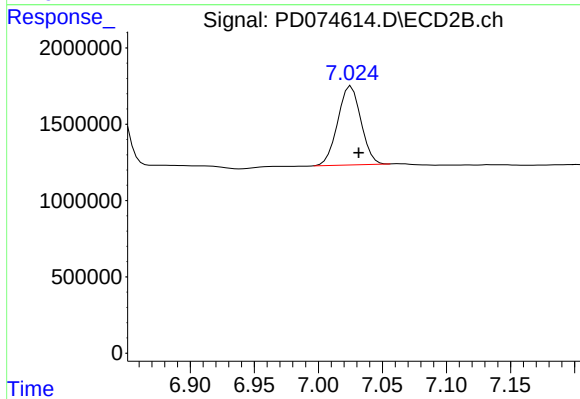
#21 Endrin ketone

R.T.: 6.842 min
Delta R.T.: -0.006 min
Response: 8052498
Conc: 5.46 ng/ml



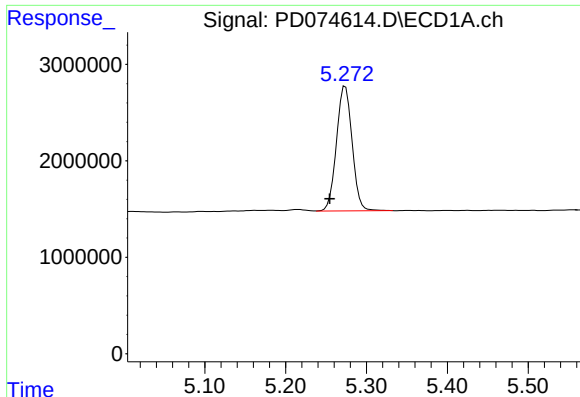
#22 Mirex

R.T.: 8.140 min
Delta R.T.: -0.007 min
Response: 13404379
Conc: 6.31 ng/ml



#22 Mirex

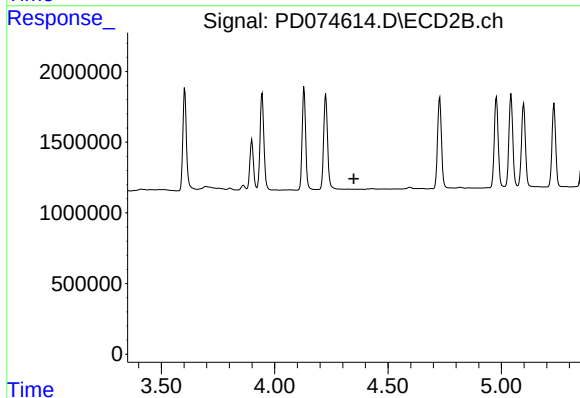
R.T.: 7.026 min
Delta R.T.: -0.006 min
Response: 6514045
Conc: 5.73 ng/ml



#24 Chlordane-2

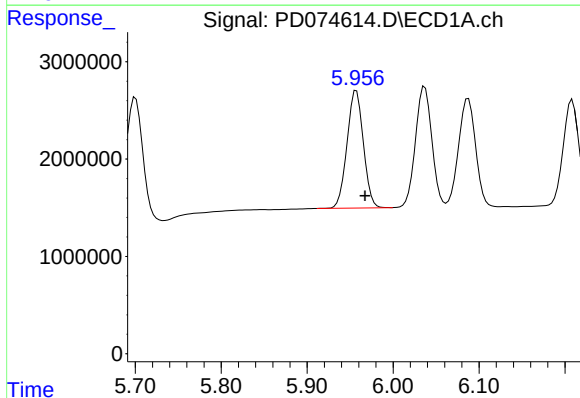
R.T.: 5.274 min
Delta R.T.: 0.019 min
Response: 17378562
Conc: 129.70 ng/ml

Instrument :
ECD_D
ClientSampleId :



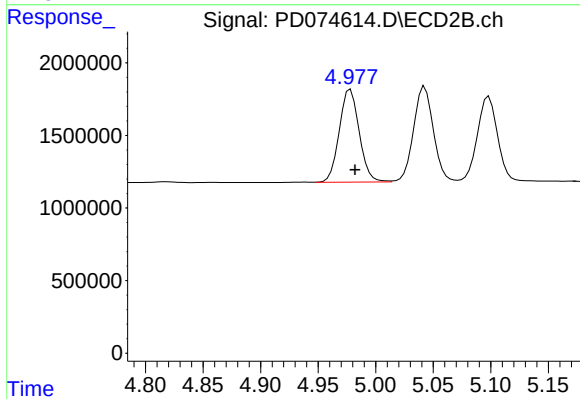
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.350 min
Response: 0
Conc: N.D.



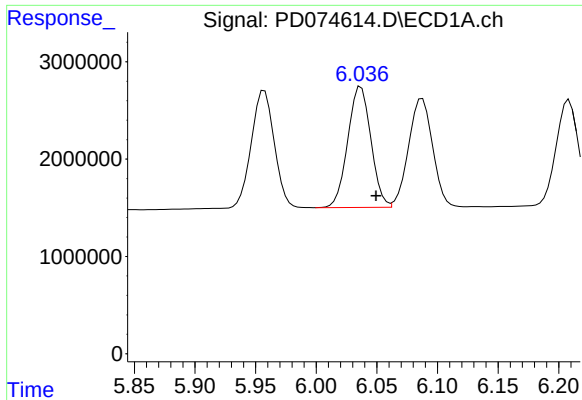
#25 Chlordane-3

R.T.: 5.957 min
Delta R.T.: -0.010 min
Response: 16011946
Conc: 32.37 ng/ml



#25 Chlordane-3

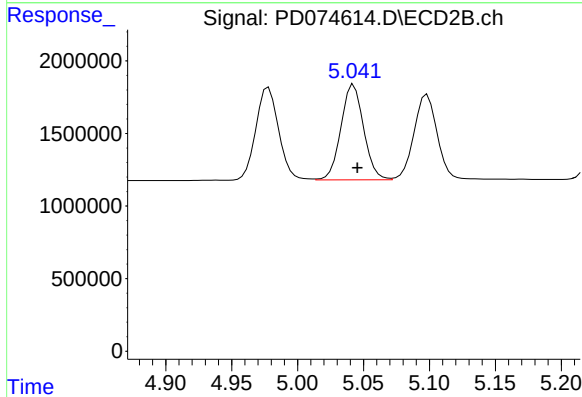
R.T.: 4.978 min
Delta R.T.: -0.004 min
Response: 7732215
Conc: 46.06 ng/ml



#26 Chlordane-4

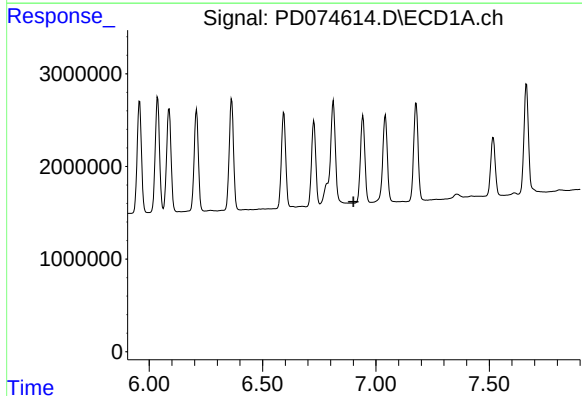
R.T.: 6.037 min
Delta R.T.: -0.012 min
Response: 16520099
Conc: 27.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



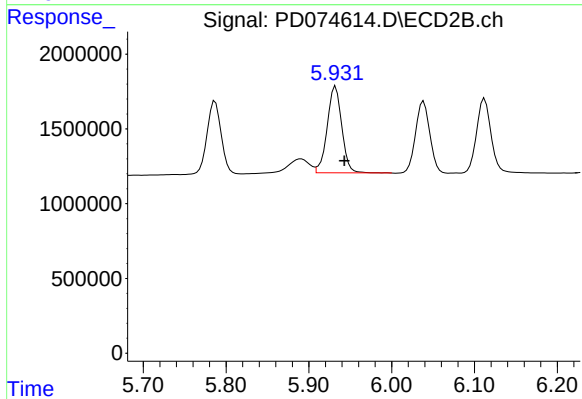
#26 Chlordane-4

R.T.: 5.043 min
Delta R.T.: -0.003 min
Response: 7875328
Conc: 48.81 ng/ml



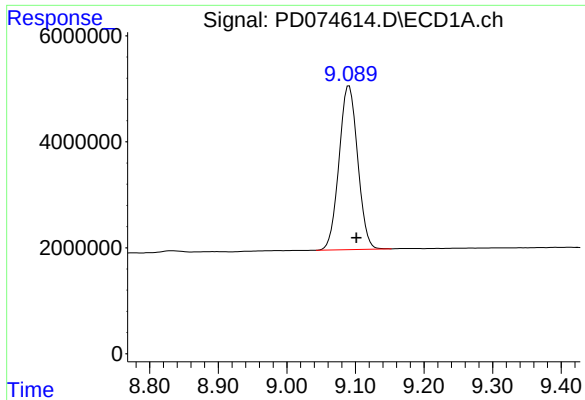
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.901 min
Response: 0
Conc: N.D.



#27 Chlordane-5

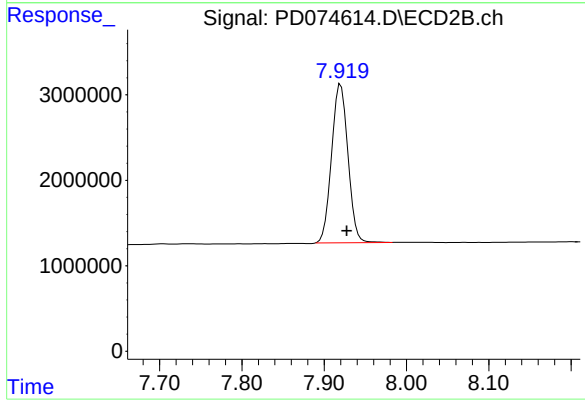
R.T.: 5.932 min
Delta R.T.: -0.011 min
Response: 7079182
Conc: 117.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.091 min
Delta R.T.: -0.011 min
Response: 58376933
Conc: 21.83 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: -0.007 min
Response: 25697317
Conc: 20.94 ng/ml