

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031819\
 Data File : PD051853.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Mar 2019 17:34
 Operator : AJ\SJ
 Sample : K1948-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PST-028-SW065-031219

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 02:37:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 23:43:17 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.223	4.043	15649089	345.1E6	11.802	12.033
2)	SA Decachlor...	7.820	9.155	10572232	165.6E6	9.301	9.063
Target Compounds							
3)	MA gamma-BHC...	3.916	0.000	1450237	0	0.694	N.D. #
4)	MA Heptachlor	0.000	5.237	0	1927316	N.D.	0.050 #
5)	MB Aldrin	0.000	5.570f	0	1705151	N.D.	0.048 #
7)	B delta-BHC	0.000	5.117	0	15274034	N.D.	0.444 #
8)	B Heptachlo...	0.000	5.918	0	3878795	N.D.	0.121 #
10)	B gamma-Chl...	5.086f	6.165	6997585	73462024	3.453	2.297 #
11)	B alpha-Chl...	5.116	6.241	1849789	146.5E6	0.920	4.621 #
12)	B 4,4'-DDE	5.290	6.394	2118959	48666218	1.131	1.573 #
15)	B Endosulfa...	5.925	6.966	1502755	802443	0.834	0.031 #
16)	A 4,4'-DDD	0.000	6.900	0	4638694	N.D.	0.189 #
17)	MA 4,4'-DDT	0.000	7.186	0	8544138	N.D.	0.422 #
19)	B Endosulfa...	0.000	7.335	0	638986	N.D.	0.027 #
20)	A Methoxychlor	0.000	7.671f	0	9282543	N.D.	0.843 #
21)	B Endrin ke...	0.000	7.824f	0	132059	N.D.	0.006 #
23)	Chlordane-1	4.045	5.045	1588999	52027581	24.843	33.978 #
24)	Chlordane-2	4.529	5.511	1084833	5921255	13.861	4.176 #
25)	Chlordane-3	5.086f	6.165	6997585	73462024	30.066	16.497 #
26)	Chlordane-4	5.116	6.241	1849789	146.5E6	8.273	27.968 #
27)	Chlordane-5	5.925	7.049	1502755	11879509	20.922	11.727 #

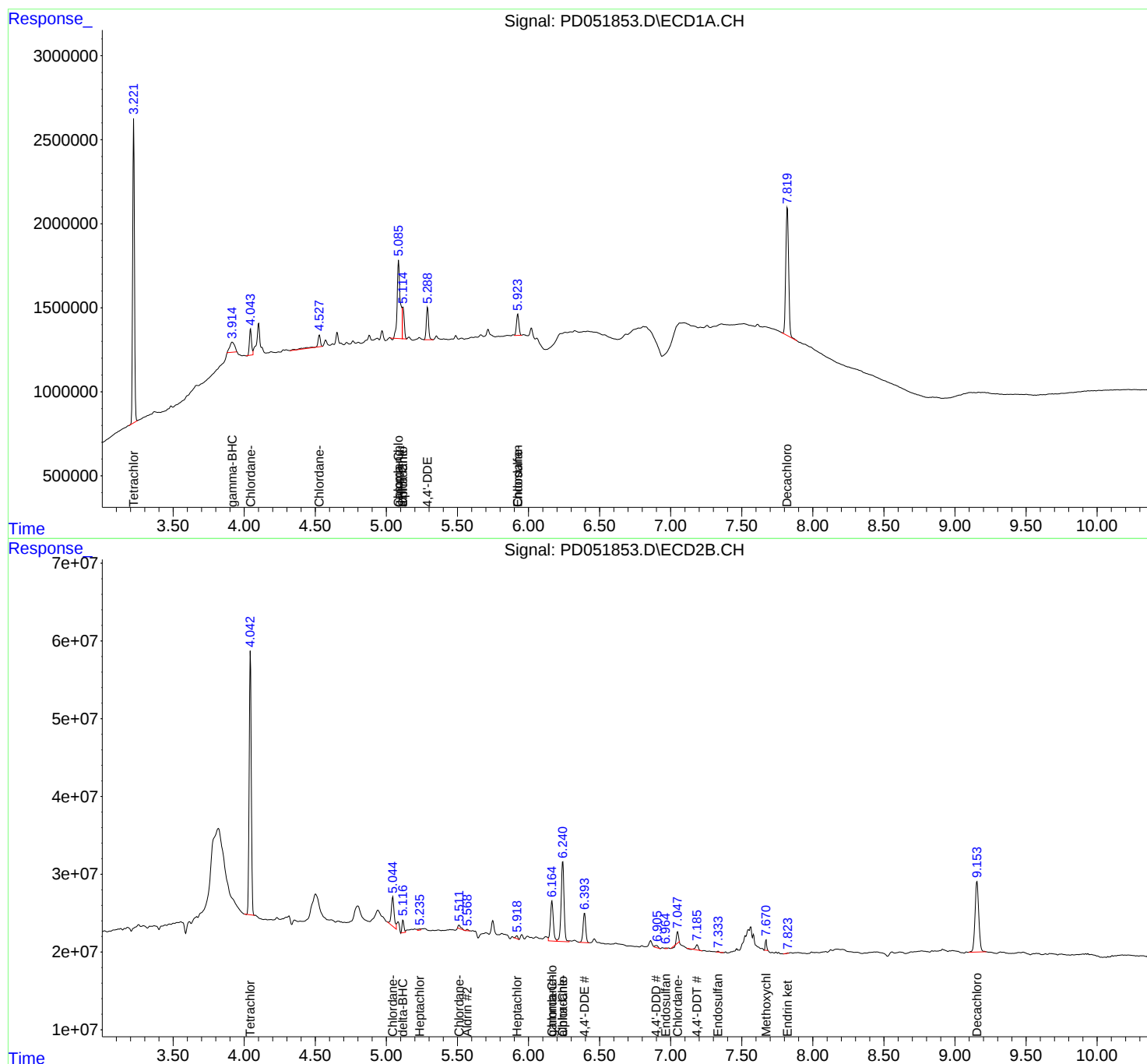
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

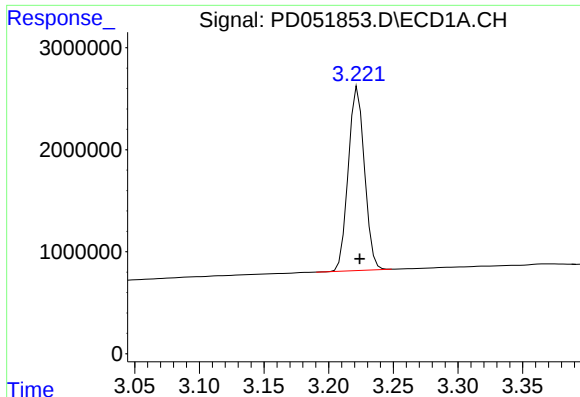
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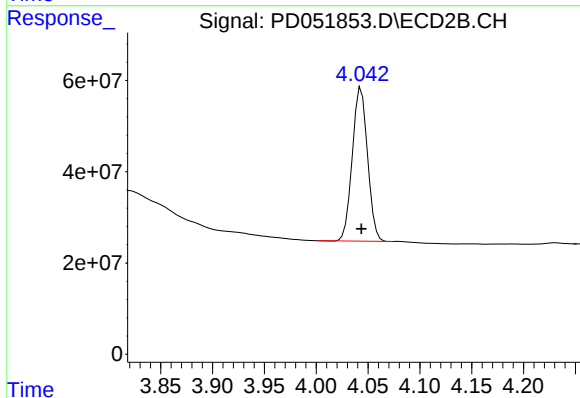




#1 Tetrachloro-m-xylene

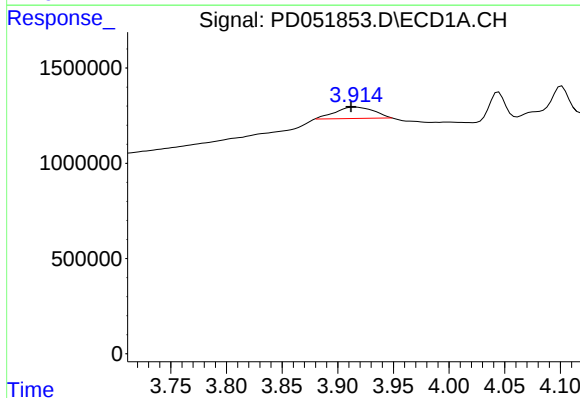
R.T.: 3.223 min
Delta R.T.: -0.001 min
Response: 15649089
Conc: 11.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-028-SW065-031219



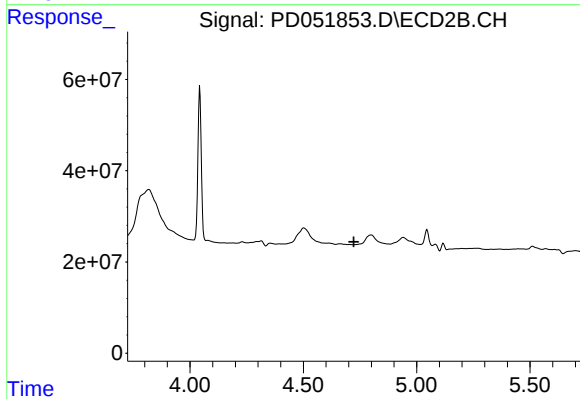
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 345080464
Conc: 12.03 ng/ml



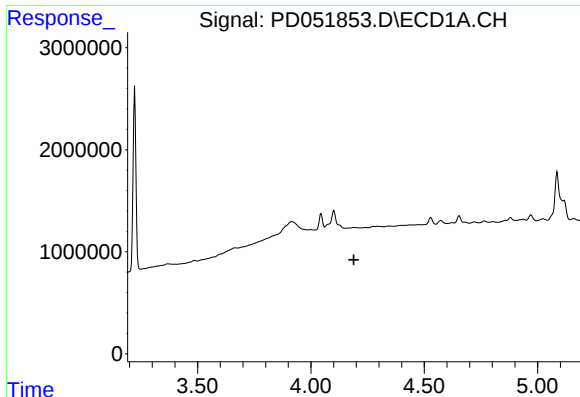
#3 gamma-BHC (Lindane)

R.T.: 3.916 min
Delta R.T.: 0.004 min
Response: 1450237
Conc: 0.69 ng/ml



#3 gamma-BHC (Lindane)

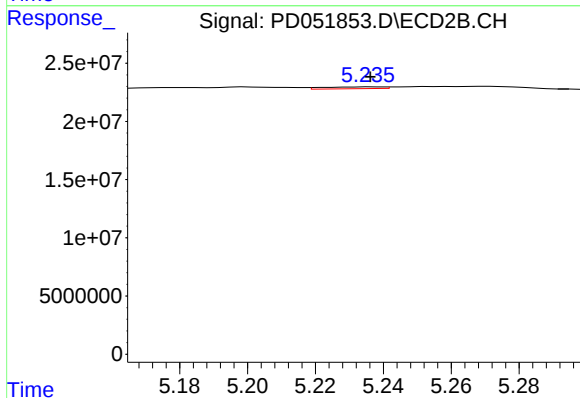
R.T.: 0.000 min
Exp R.T.: 4.723 min
Response: 0
Conc: N.D.



#4 Heptachlor

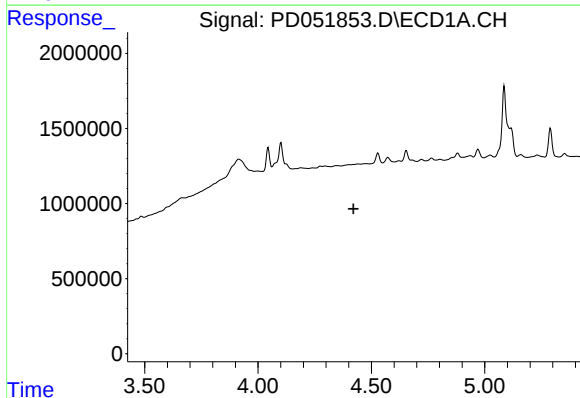
R.T.: 0.000 min
Exp R.T.: 4.190 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PST-028-SW065-031219



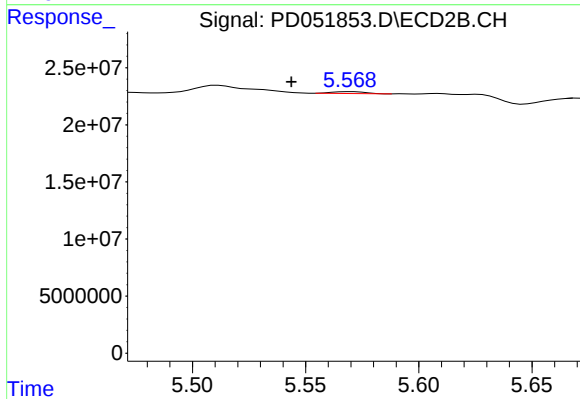
#4 Heptachlor

R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 1927316
Conc: 0.05 ng/ml



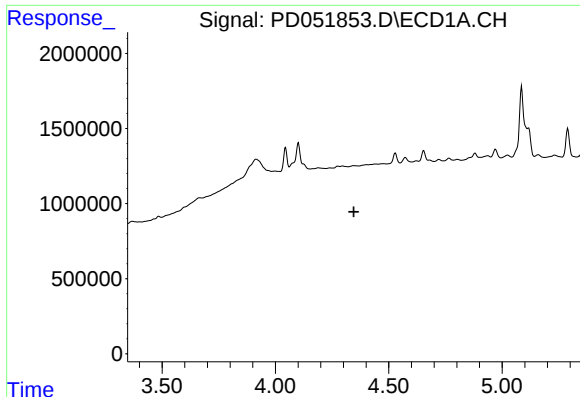
#5 Aldrin

R.T.: 0.000 min
Exp R.T.: 4.422 min
Response: 0
Conc: N.D.



#5 Aldrin

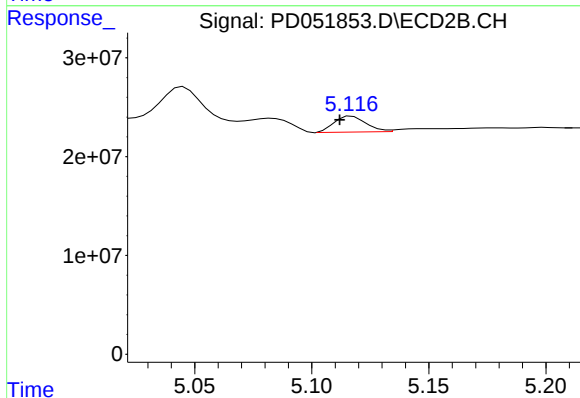
R.T.: 5.570 min
Delta R.T.: 0.026 min
Response: 1705151
Conc: 0.05 ng/ml



#7 delta-BHC

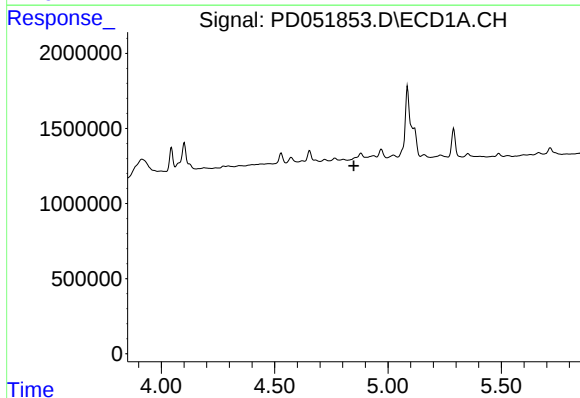
R.T.: 0.000 min
Exp R.T.: 4.346 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PST-028-SW065-031219



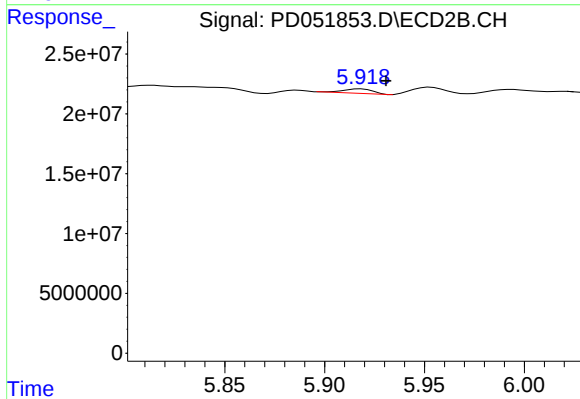
#7 delta-BHC

R.T.: 5.117 min
Delta R.T.: 0.005 min
Response: 15274034
Conc: 0.44 ng/ml



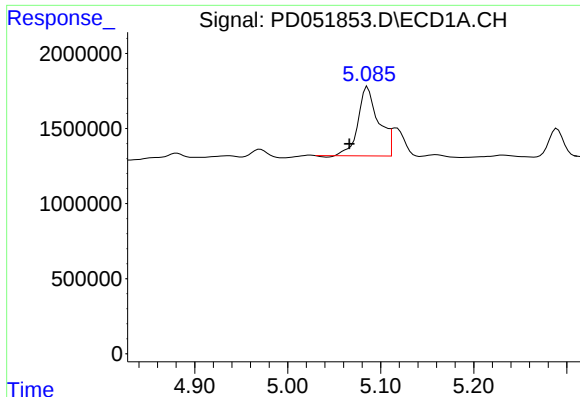
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T.: 4.849 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

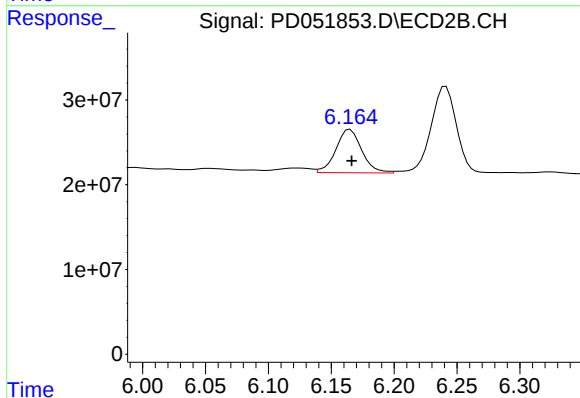
R.T.: 5.918 min
Delta R.T.: -0.012 min
Response: 3878795
Conc: 0.12 ng/ml



#10 gamma-Chlordane

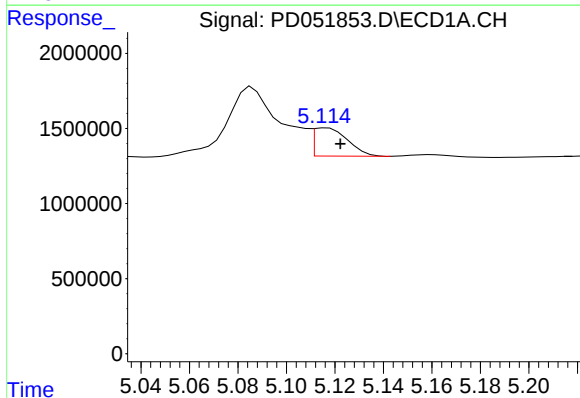
R.T.: 5.086 min
Delta R.T.: 0.020 min
Response: 6997585
Conc: 3.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-028-SW065-031219



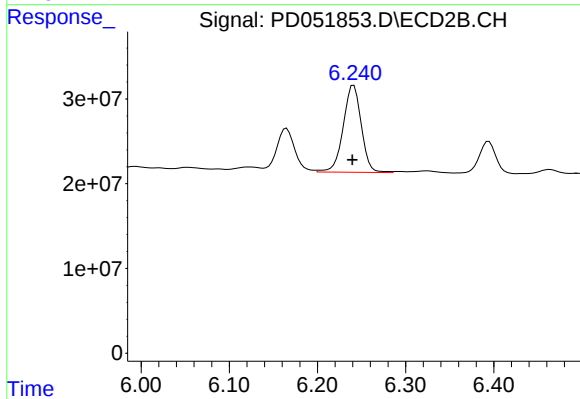
#10 gamma-Chlordane

R.T.: 6.165 min
Delta R.T.: -0.001 min
Response: 73462024
Conc: 2.30 ng/ml



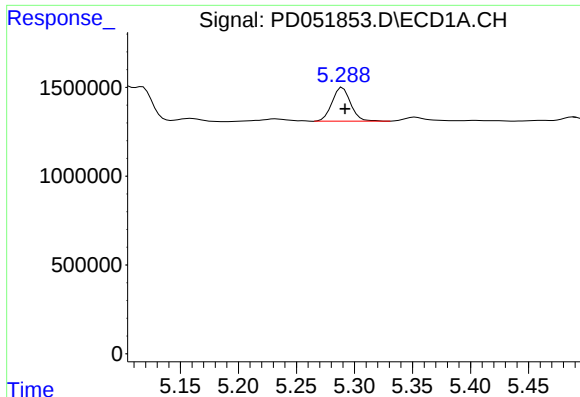
#11 alpha-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.006 min
Response: 1849789
Conc: 0.92 ng/ml



#11 alpha-Chlordane

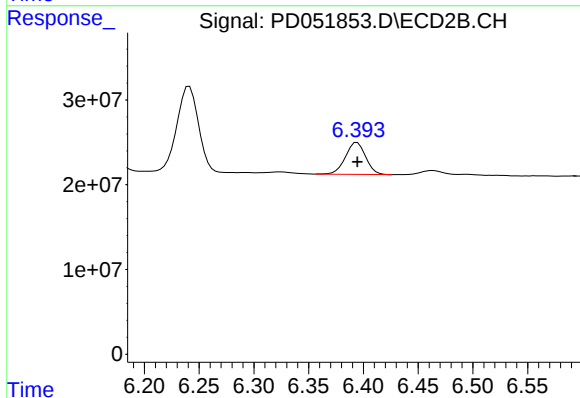
R.T.: 6.241 min
Delta R.T.: 0.001 min
Response: 146472200
Conc: 4.62 ng/ml



#12 4,4'-DDE

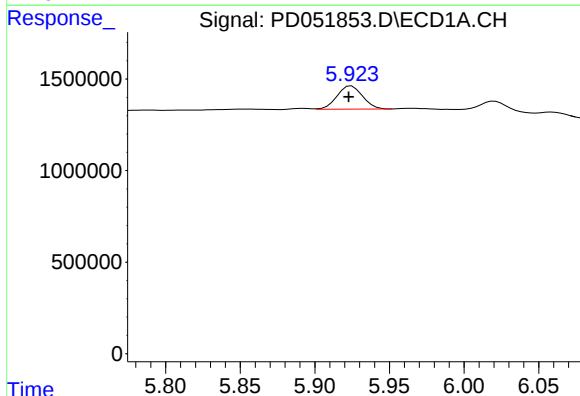
R.T.: 5.290 min
Delta R.T.: -0.002 min
Response: 2118959
Conc: 1.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-028-SW065-031219



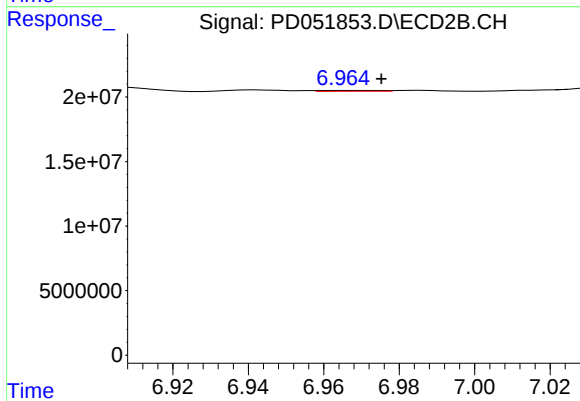
#12 4,4'-DDE

R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 48666218
Conc: 1.57 ng/ml



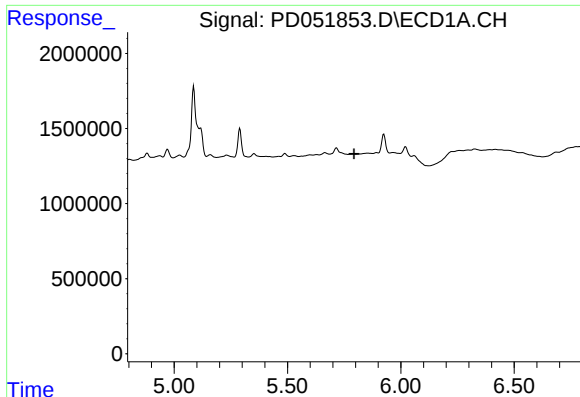
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: 0.002 min
Response: 1502755
Conc: 0.83 ng/ml



#15 Endosulfan II

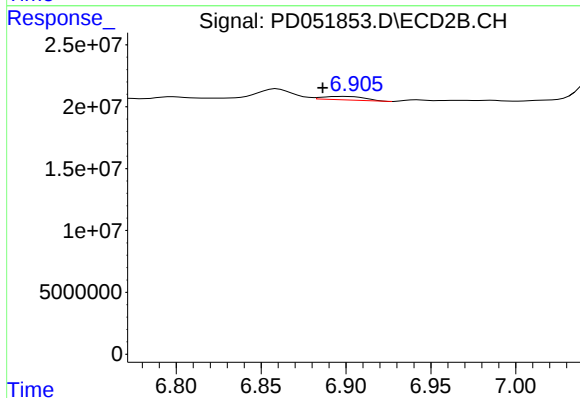
R.T.: 6.966 min
Delta R.T.: -0.009 min
Response: 802443
Conc: 0.03 ng/ml



#16 4,4'-DDD

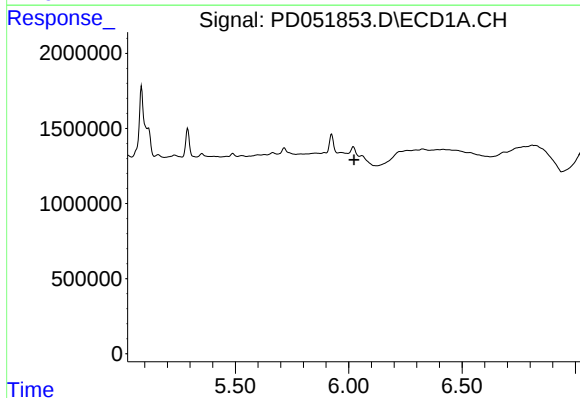
R.T.: 0.000 min
Exp R.T.: 5.793 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PST-028-SW065-031219



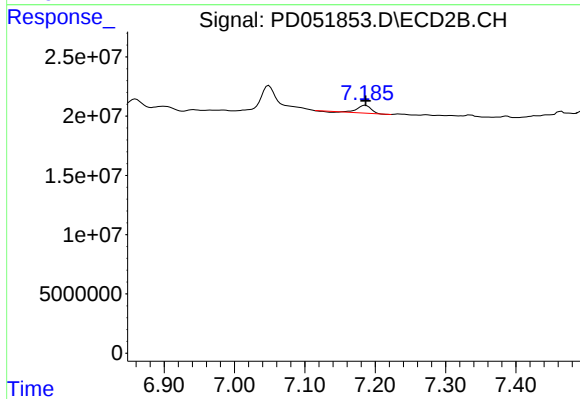
#16 4,4'-DDD

R.T.: 6.900 min
Delta R.T.: 0.013 min
Response: 4638694
Conc: 0.19 ng/ml



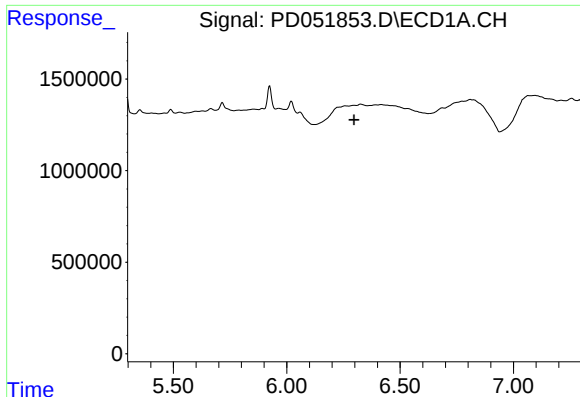
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T.: 6.024 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

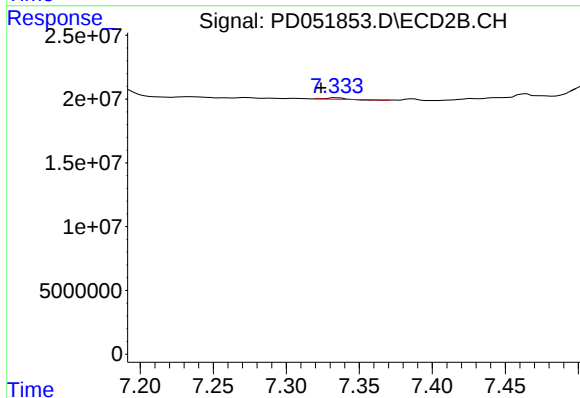
R.T.: 7.186 min
Delta R.T.: 0.000 min
Response: 8544138
Conc: 0.42 ng/ml



#19 Endosulfan Sulfate

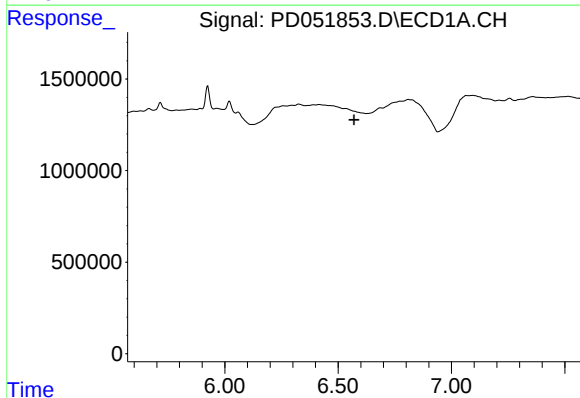
R.T.: 0.000 min
Exp R.T.: 6.298 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PST-028-SW065-031219



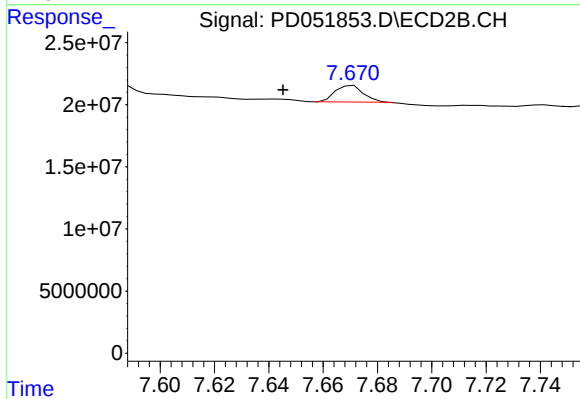
#19 Endosulfan Sulfate

R.T.: 7.335 min
Delta R.T.: 0.011 min
Response: 638986
Conc: 0.03 ng/ml



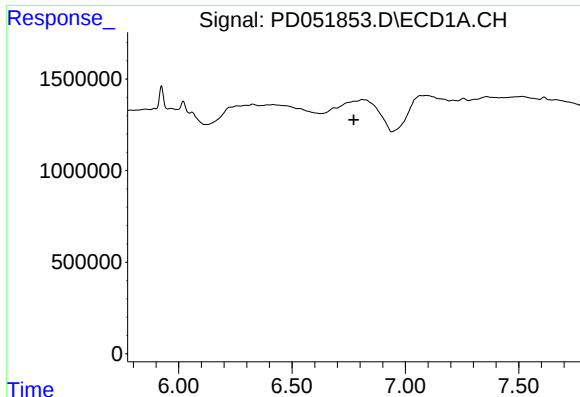
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T.: 6.570 min
Response: 0
Conc: N.D.



#20 Methoxychlor

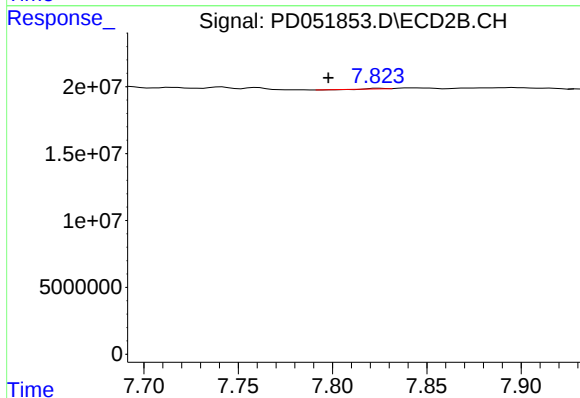
R.T.: 7.671 min
Delta R.T.: 0.026 min
Response: 9282543
Conc: 0.84 ng/ml



#21 Endrin ketone

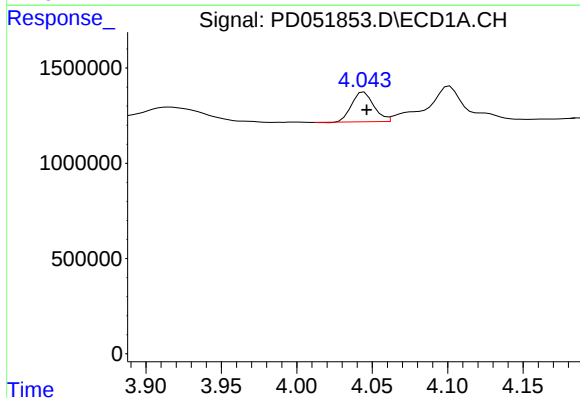
R.T.: 0.000 min
Exp R.T.: 6.773 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PST-028-SW065-031219



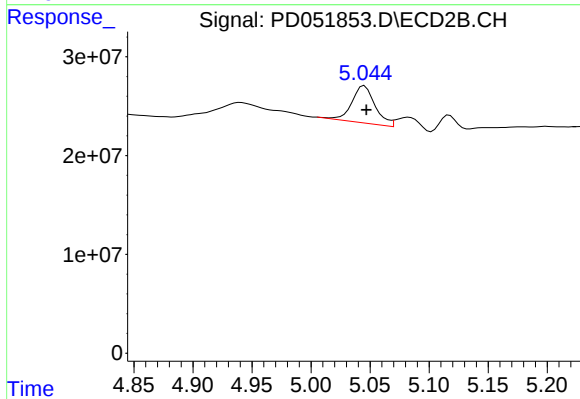
#21 Endrin ketone

R.T.: 7.824 min
Delta R.T.: 0.027 min
Response: 132059
Conc: 0.01 ng/ml



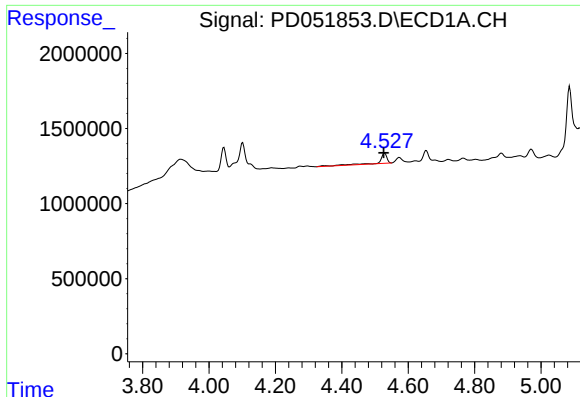
#23 Chlordane-1

R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 1588999
Conc: 24.84 ng/ml



#23 Chlordane-1

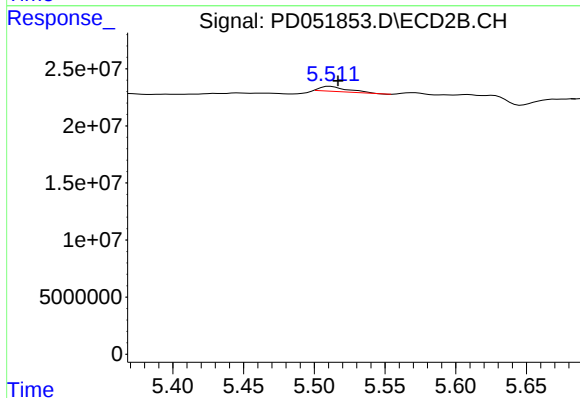
R.T.: 5.045 min
Delta R.T.: -0.002 min
Response: 52027581
Conc: 33.98 ng/ml



#24 Chlordane-2

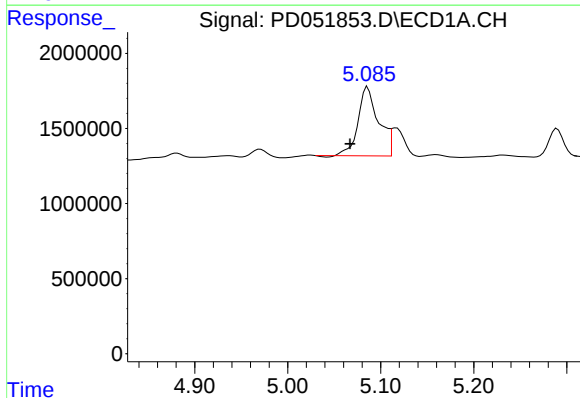
R.T.: 4.529 min
Delta R.T.: 0.003 min
Response: 1084833
Conc: 13.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-028-SW065-031219



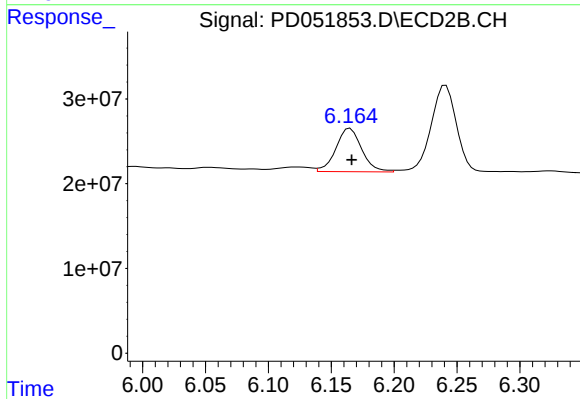
#24 Chlordane-2

R.T.: 5.511 min
Delta R.T.: -0.006 min
Response: 5921255
Conc: 4.18 ng/ml



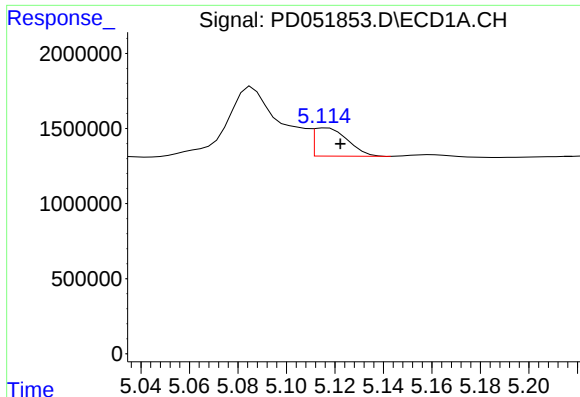
#25 Chlordane-3

R.T.: 5.086 min
Delta R.T.: 0.019 min
Response: 6997585
Conc: 30.07 ng/ml



#25 Chlordane-3

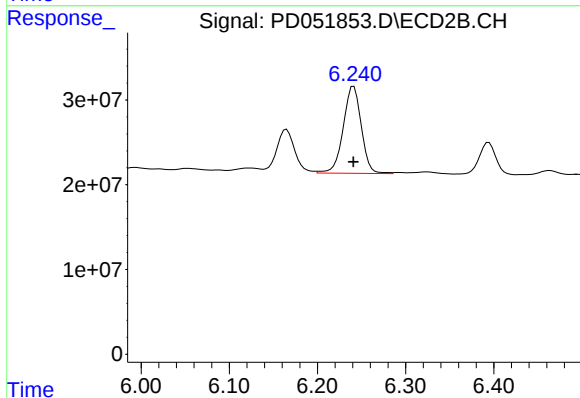
R.T.: 6.165 min
Delta R.T.: -0.001 min
Response: 73462024
Conc: 16.50 ng/ml



#26 Chlordane-4

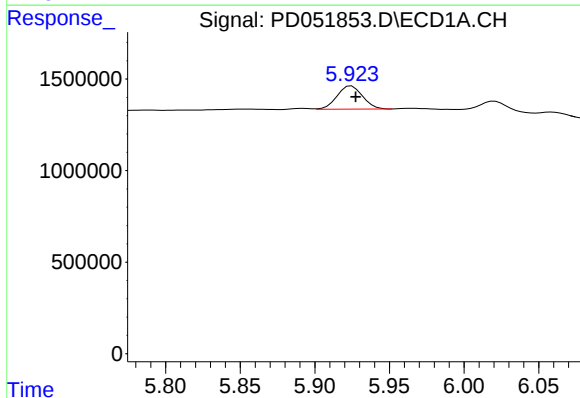
R.T.: 5.116 min
Delta R.T.: -0.006 min
Response: 1849789
Conc: 8.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-028-SW065-031219



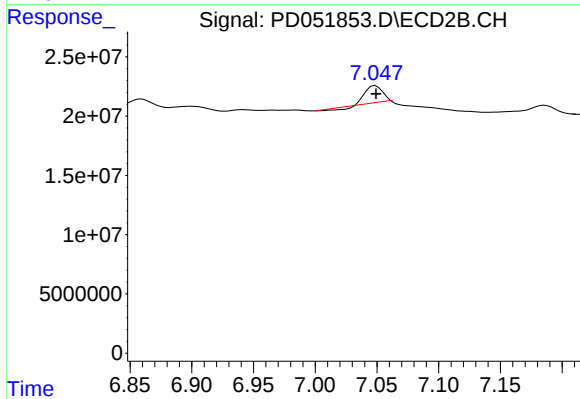
#26 Chlordane-4

R.T.: 6.241 min
Delta R.T.: 0.000 min
Response: 146472200
Conc: 27.97 ng/ml



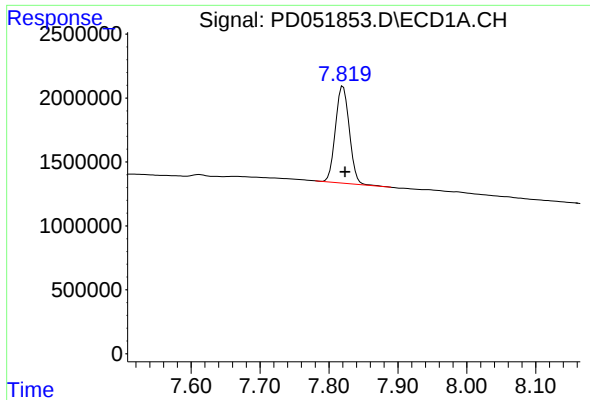
#27 Chlordane-5

R.T.: 5.925 min
Delta R.T.: -0.003 min
Response: 1502755
Conc: 20.92 ng/ml



#27 Chlordane-5

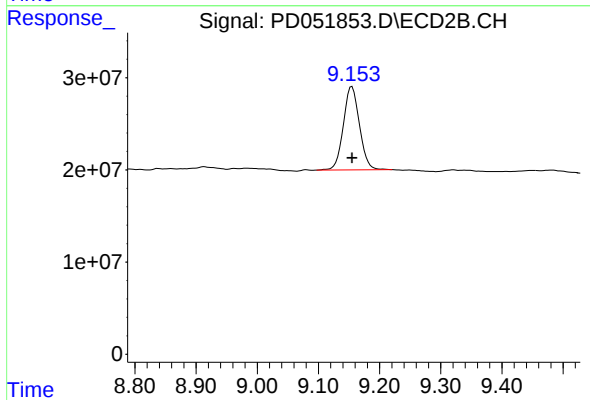
R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 11879509
Conc: 11.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.820 min
Delta R.T.: -0.003 min
Response: 10572232
Conc: 9.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-028-SW065-031219



#28 Decachlorobiphenyl

R.T.: 9.155 min
Delta R.T.: 0.000 min
Response: 165550587
Conc: 9.06 ng/ml