

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042125\
 Data File : PD088171.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2025 17:19
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

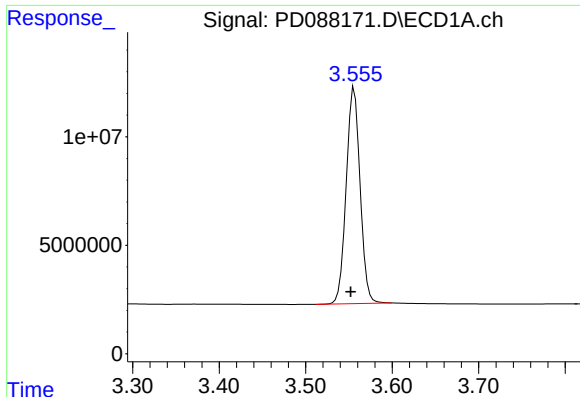
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 22:45:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.556	2.883	110.6E6	768.6E6	55.377	52.569
28)	SA Decachlor...	9.081	8.078	157.1E6	783.4E6	47.489	42.392
Target Compounds							
2)	A alpha-BHC	4.006	3.396	252.2E6	1210.6E6	58.491	52.953
3)	MA gamma-BHC...	4.337	3.733	239.0E6	1116.9E6	57.082	51.854
4)	MA Heptachlor	4.936	4.086	226.3E6	1086.6E6	56.022	50.781
5)	MB Aldrin	5.278	4.373	222.2E6	1095.2E6	56.263	52.647
6)	B beta-BHC	4.521	4.028	90469694	482.3E6	55.729	52.117
7)	B delta-BHC	4.770	4.265	233.3E6	1118.0E6	56.566	52.584
8)	B Heptachlo...	5.698	4.877	195.7E6	970.5E6	54.744	51.366
9)	A Endosulfan I	6.081	5.251	185.1E6	877.4E6	54.818	48.713
10)	B gamma-Chl...	5.953	5.130	201.1E6	1040.9E6	55.508	51.286
11)	B alpha-Chl...	6.034	5.195	198.5E6	999.1E6	54.986	50.968
12)	B 4,4'-DDE	6.202	5.380	175.2E6	1014.5E6	53.126	51.514
13)	MA Dieldrin	6.354	5.517	196.2E6	1011.7E6	54.984	50.757
14)	MA Endrin	6.581	5.794	160.1E6	915.4E6	53.670	50.289
15)	B Endosulfa...	6.793	6.085	163.1E6	866.3E6	52.156	49.443
16)	A 4,4'-DDD	6.712	5.934	140.2E6	827.5E6	55.749	50.497
17)	MA 4,4'-DDT	7.028	6.189	139.1E6	817.3E6	50.088	48.029
18)	B Endrin al...	6.921	6.263	113.0E6	615.7E6	48.945	46.292
19)	B Endosulfa...	7.156	6.487	149.1E6	827.6E6	51.850	48.305
20)	A Methoxychlor	7.500	6.759	72975090	418.8E6	48.665	45.914
21)	B Endrin ke...	7.636	6.996	157.9E6	878.1E6	51.171	46.947
22)	Mirex	8.120	7.190	114.1E6	680.7E6	48.593	45.927
23)	Chlordane-1	0.000	3.908	0	115287	N.D.	0.144 #
24)	Chlordane-2	0.000	4.510	0	61892011	N.D.	74.993 #
25)	Chlordane-3	5.953	5.130	201.1E6	1040.9E6	298.065	411.579 #
26)	Chlordane-4	6.034	5.195	198.5E6	999.1E6	243.430	467.278 #
27)	Chlordane-5	0.000	6.085	0	866.3E6	N.D.	897.265 #

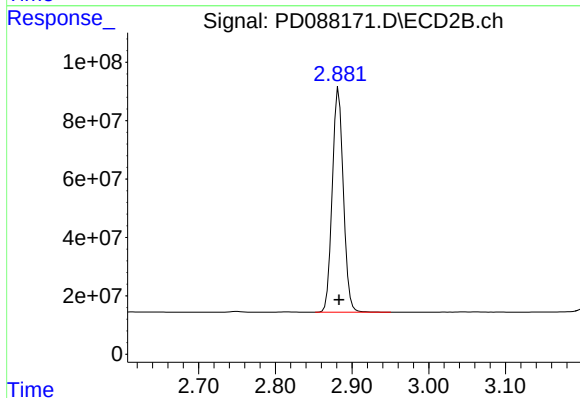
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

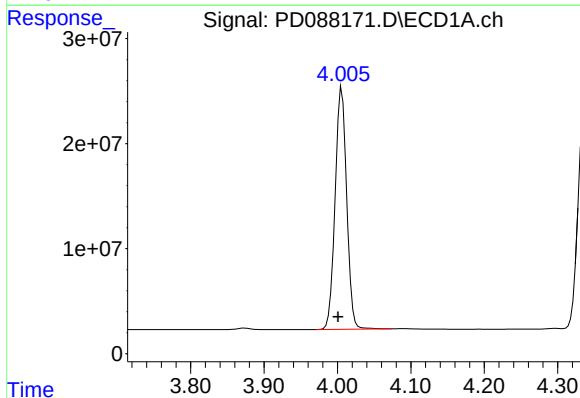
R.T.: 3.556 min
Delta R.T.: 0.004 min
Response: 110610069
Conc: 55.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



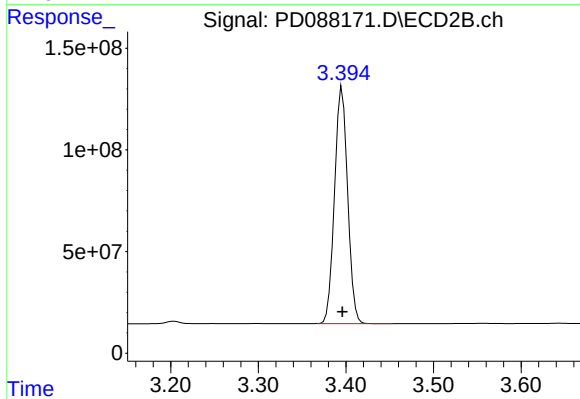
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 768639382
Conc: 52.57 ng/ml



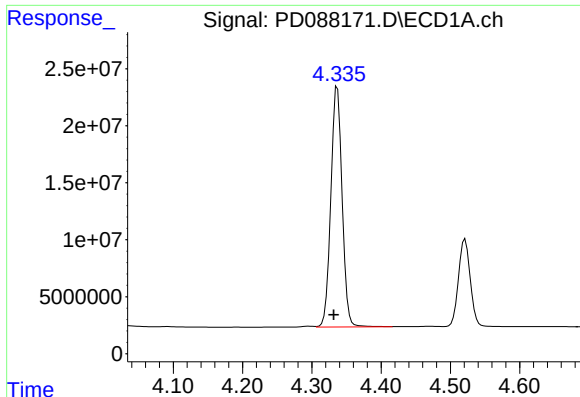
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.005 min
Response: 252212794
Conc: 58.49 ng/ml



#2 alpha-BHC

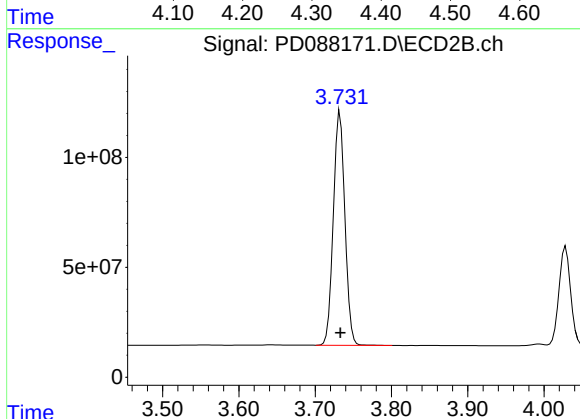
R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 1210596992
Conc: 52.95 ng/ml



#3 gamma-BHC (Lindane)

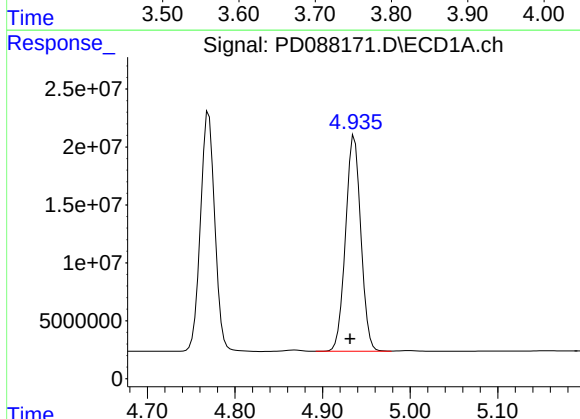
R.T.: 4.337 min
Delta R.T.: 0.005 min
Response: 239029902
Conc: 57.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



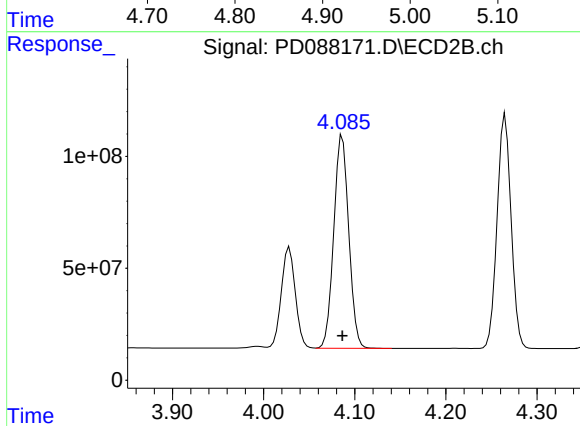
#3 gamma-BHC (Lindane)

R.T.: 3.733 min
Delta R.T.: 0.000 min
Response: 1116859457
Conc: 51.85 ng/ml



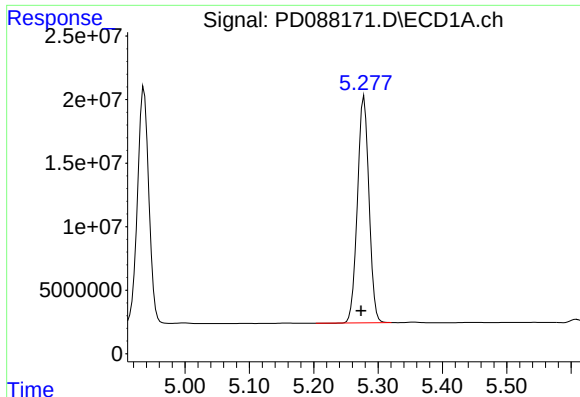
#4 Heptachlor

R.T.: 4.936 min
Delta R.T.: 0.005 min
Response: 226270511
Conc: 56.02 ng/ml



#4 Heptachlor

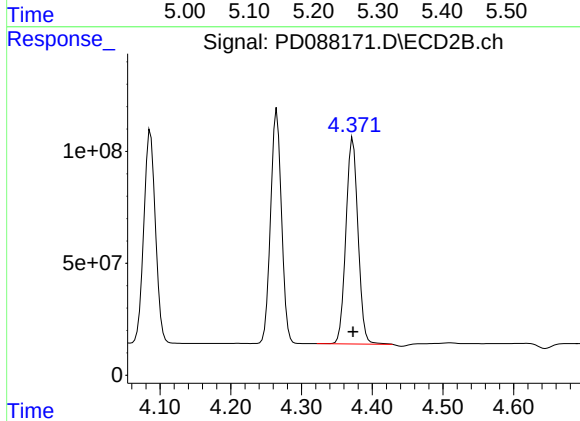
R.T.: 4.086 min
Delta R.T.: 0.000 min
Response: 1086623629
Conc: 50.78 ng/ml



#5 Aldrin

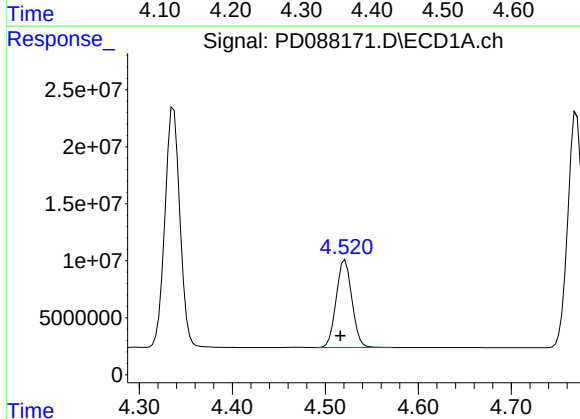
R.T.: 5.278 min
Delta R.T.: 0.005 min
Response: 222217192
Conc: 56.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



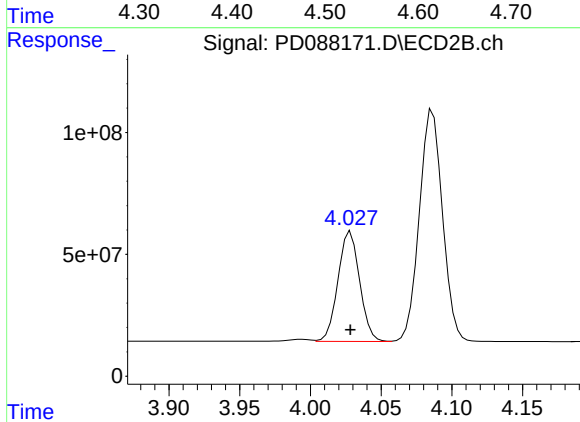
#5 Aldrin

R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 1095194524
Conc: 52.65 ng/ml



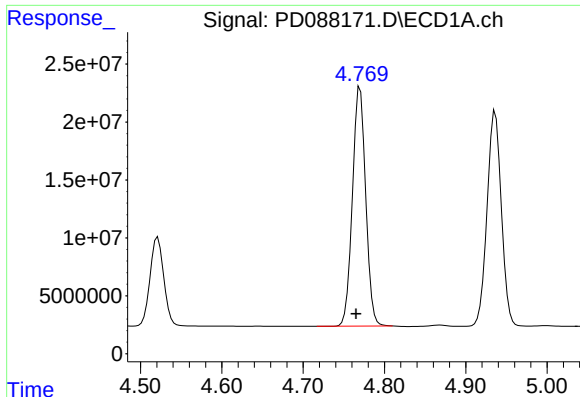
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.005 min
Response: 90469694
Conc: 55.73 ng/ml



#6 beta-BHC

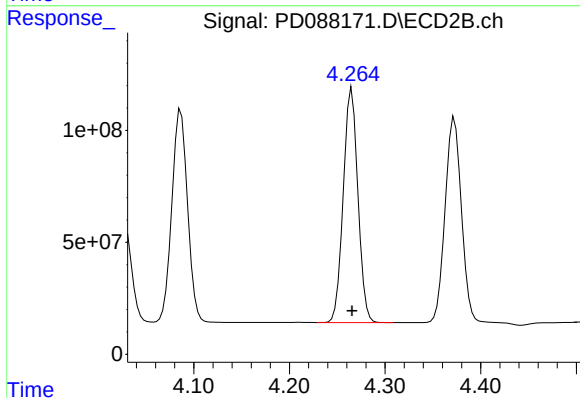
R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 482296677
Conc: 52.12 ng/ml



#7 delta-BHC

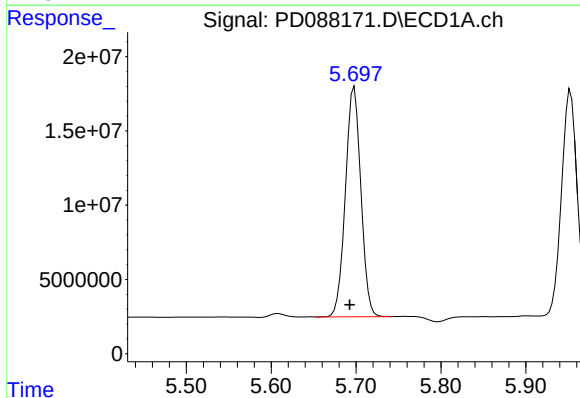
R.T.: 4.770 min
Delta R.T.: 0.005 min
Response: 233333393
Conc: 56.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



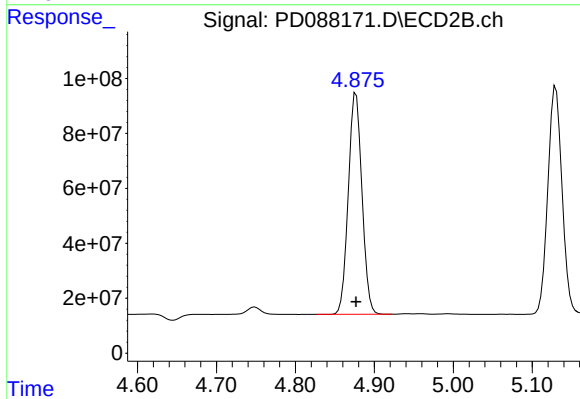
#7 delta-BHC

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 1118015755
Conc: 52.58 ng/ml



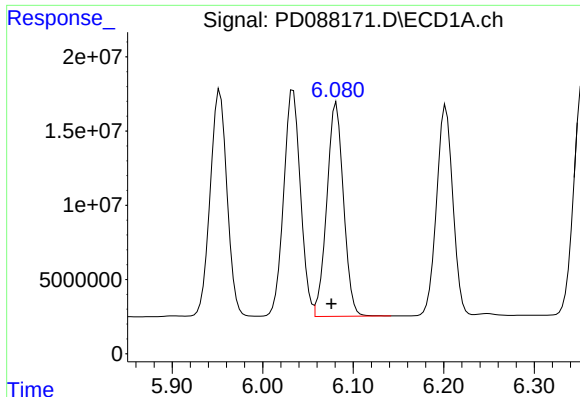
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: 0.005 min
Response: 195652502
Conc: 54.74 ng/ml



#8 Heptachlor epoxide

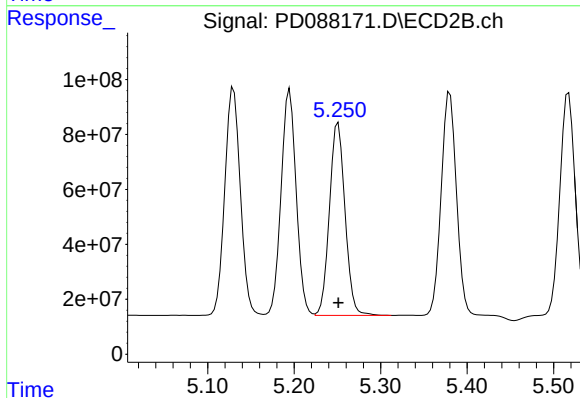
R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 970531697
Conc: 51.37 ng/ml



#9 Endosulfan I

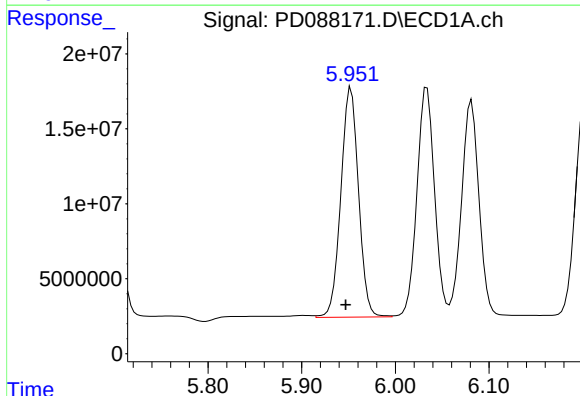
R.T.: 6.081 min
Delta R.T.: 0.006 min
Response: 185127410
Conc: 54.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



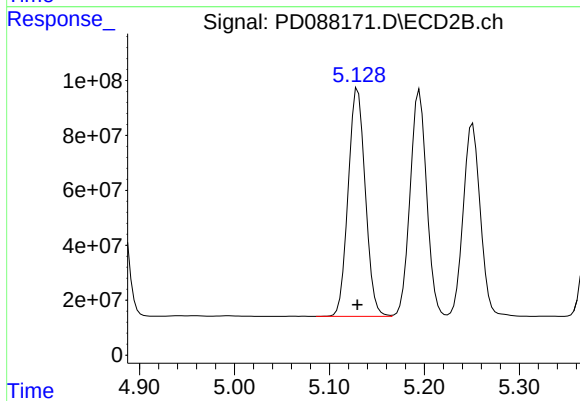
#9 Endosulfan I

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 877444470
Conc: 48.71 ng/ml



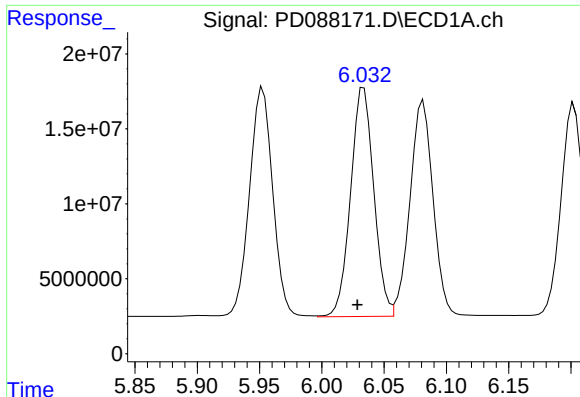
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.006 min
Response: 201053737
Conc: 55.51 ng/ml



#10 gamma-Chlordane

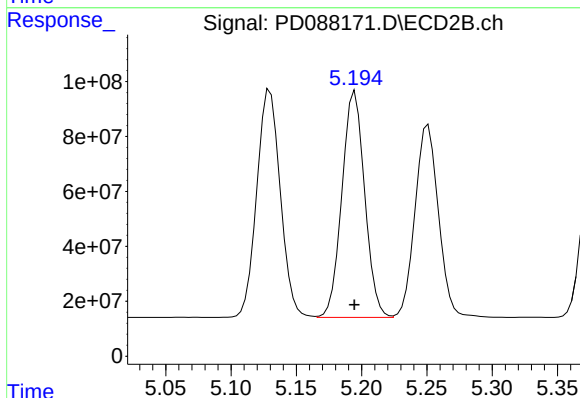
R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 1040900174
Conc: 51.29 ng/ml



#11 alpha-Chlordane

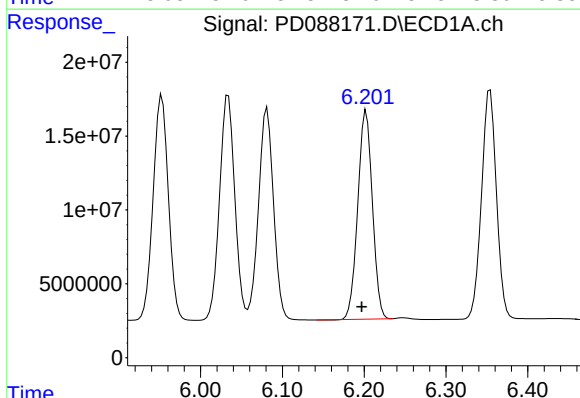
R.T.: 6.034 min
Delta R.T.: 0.005 min
Response: 198475074
Conc: 54.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



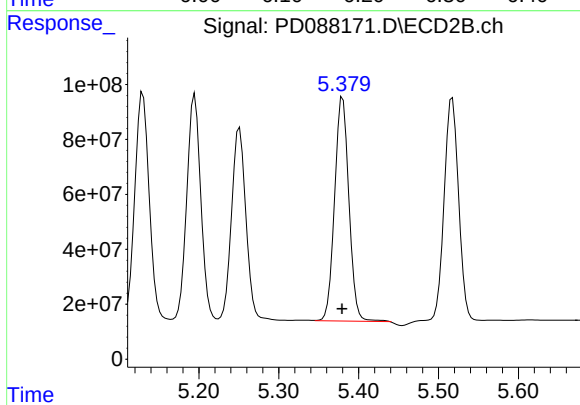
#11 alpha-Chlordane

R.T.: 5.195 min
Delta R.T.: 0.000 min
Response: 999111353
Conc: 50.97 ng/ml



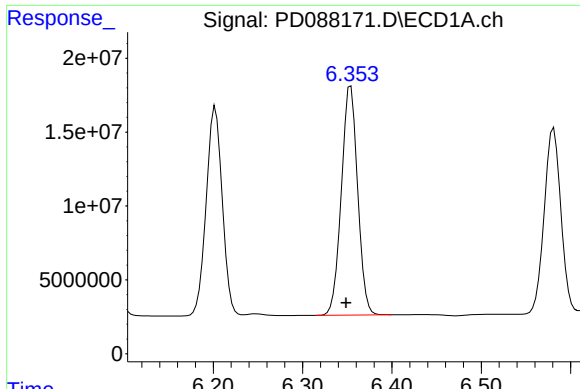
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.005 min
Response: 175222023
Conc: 53.13 ng/ml



#12 4,4'-DDE

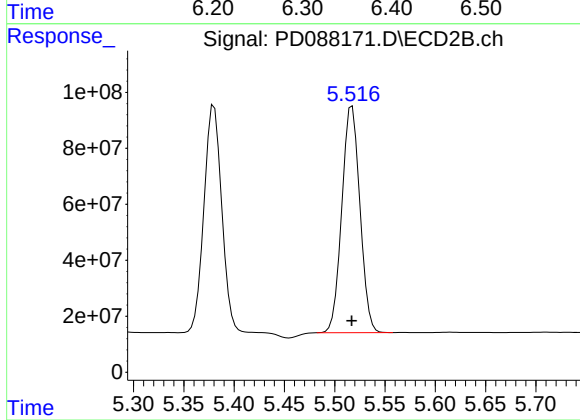
R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 1014510132
Conc: 51.51 ng/ml



#13 Dieldrin

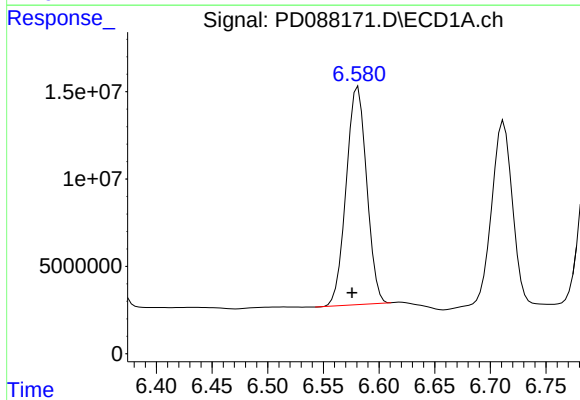
R.T.: 6.354 min
Delta R.T.: 0.005 min
Response: 196208860
Conc: 54.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



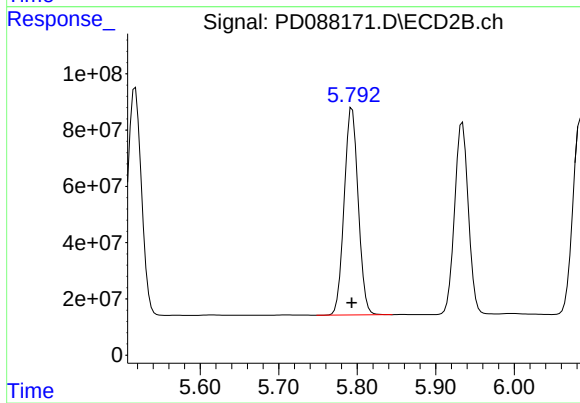
#13 Dieldrin

R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 1011727019
Conc: 50.76 ng/ml



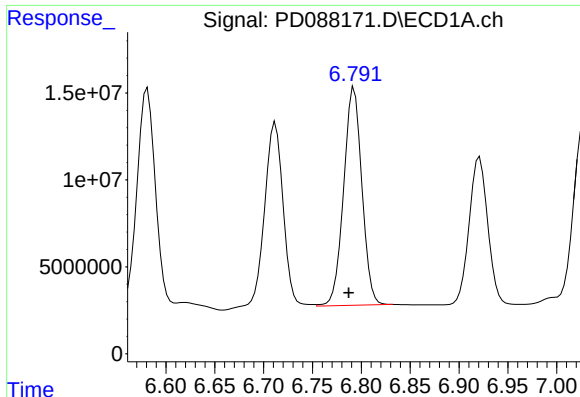
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.005 min
Response: 160074712
Conc: 53.67 ng/ml



#14 Endrin

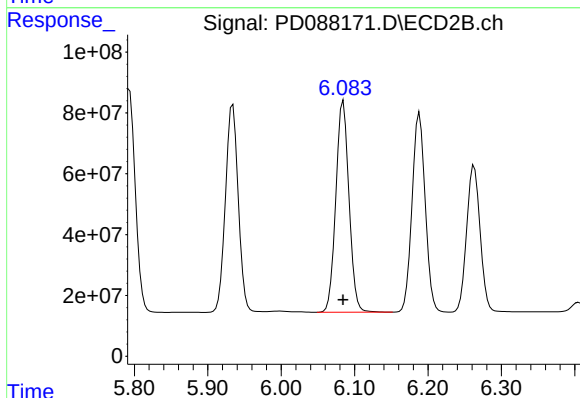
R.T.: 5.794 min
Delta R.T.: 0.000 min
Response: 915382505
Conc: 50.29 ng/ml



#15 Endosulfan II

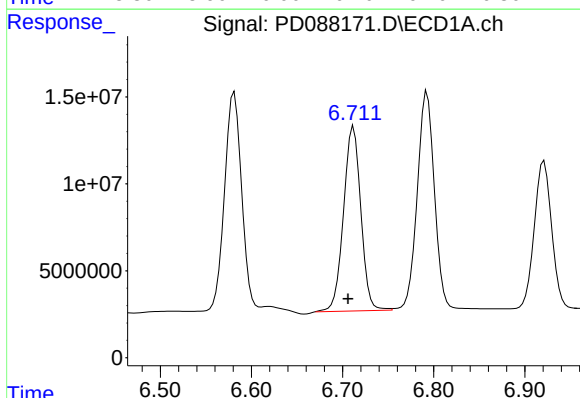
R.T.: 6.793 min
Delta R.T.: 0.006 min
Response: 163052128
Conc: 52.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



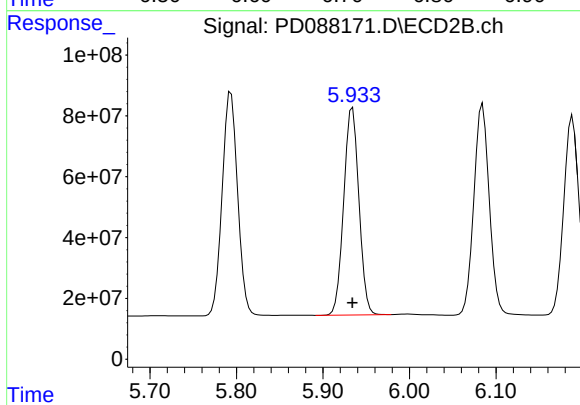
#15 Endosulfan II

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 866331567
Conc: 49.44 ng/ml



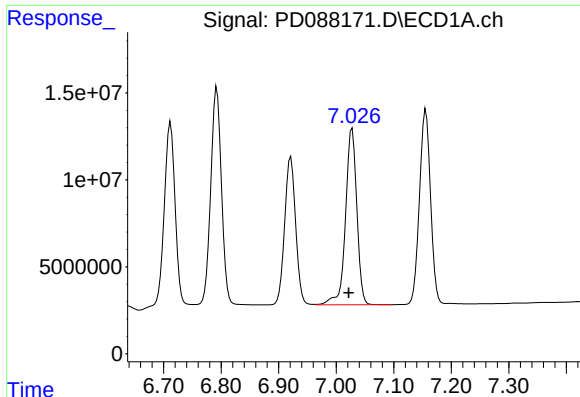
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.006 min
Response: 140206654
Conc: 55.75 ng/ml



#16 4,4'-DDD

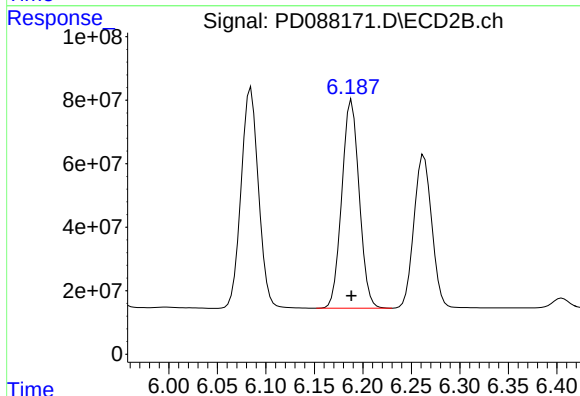
R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 827460615
Conc: 50.50 ng/ml



#17 4,4'-DDT

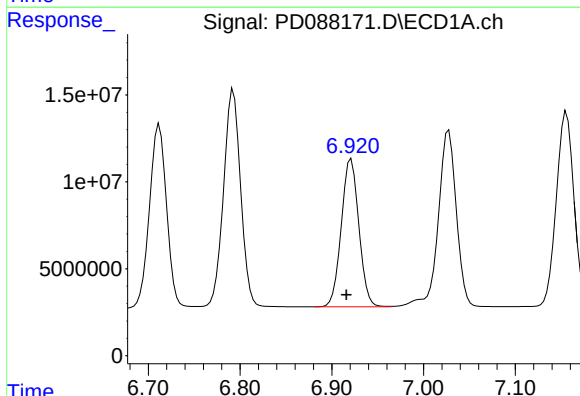
R.T.: 7.028 min
Delta R.T.: 0.006 min
Response: 139120231
Conc: 50.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



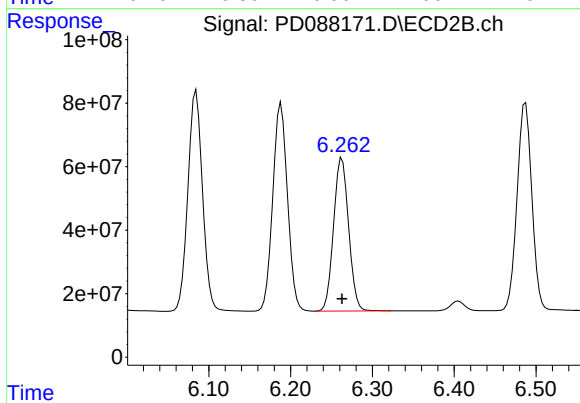
#17 4,4'-DDT

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 817283622
Conc: 48.03 ng/ml



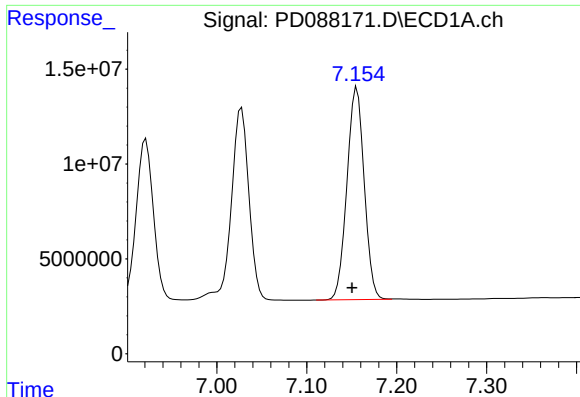
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: 0.005 min
Response: 112965397
Conc: 48.95 ng/ml



#18 Endrin aldehyde

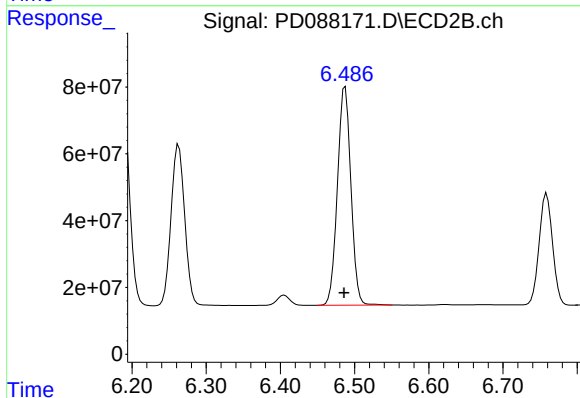
R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 615728790
Conc: 46.29 ng/ml



#19 Endosulfan Sulfate

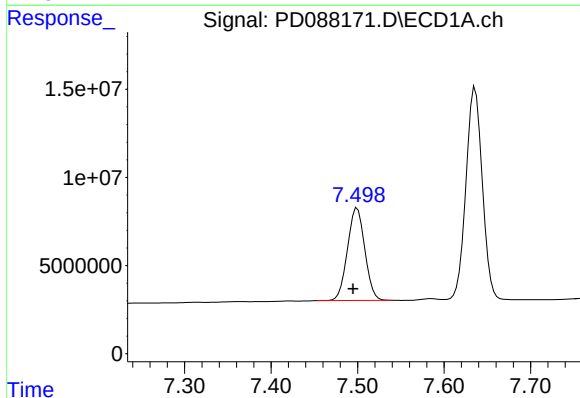
R.T.: 7.156 min
Delta R.T.: 0.005 min
Response: 149110802
Conc: 51.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



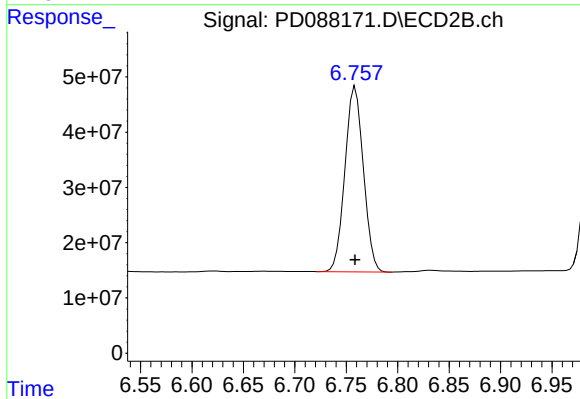
#19 Endosulfan Sulfate

R.T.: 6.487 min
Delta R.T.: 0.001 min
Response: 827626853
Conc: 48.31 ng/ml



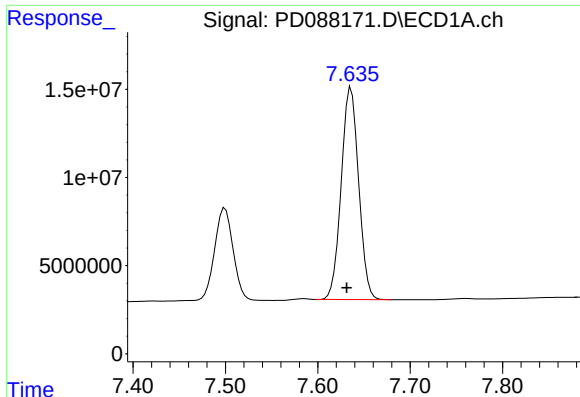
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.005 min
Response: 72975090
Conc: 48.66 ng/ml



#20 Methoxychlor

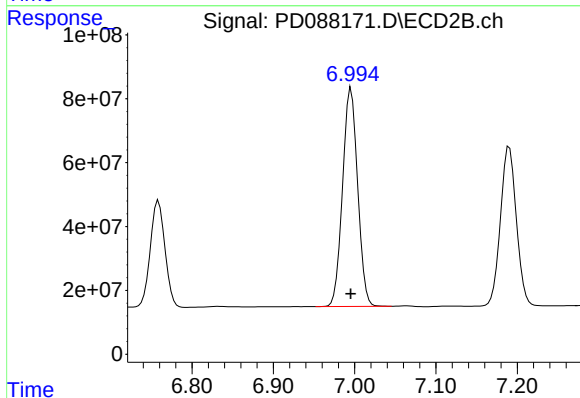
R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 418782719
Conc: 45.91 ng/ml



#21 Endrin ketone

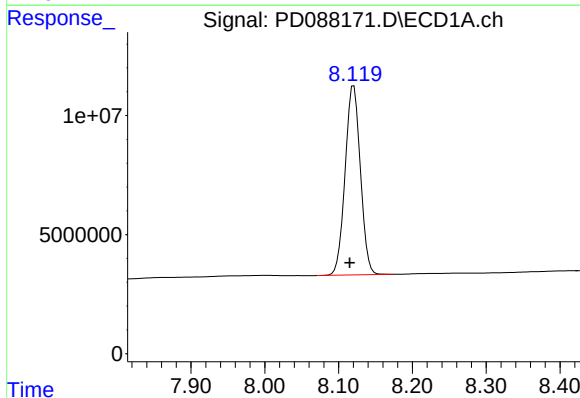
R.T.: 7.636 min
Delta R.T.: 0.005 min
Response: 157944287
Conc: 51.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



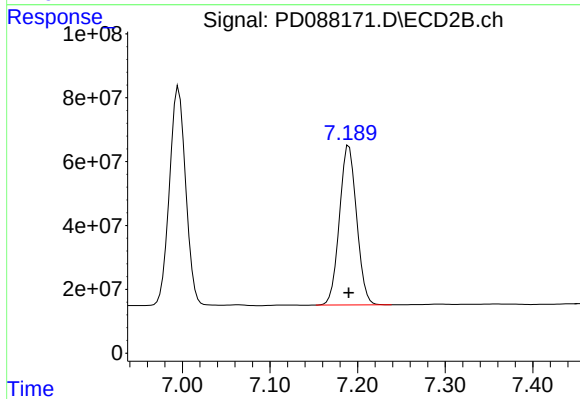
#21 Endrin ketone

R.T.: 6.996 min
Delta R.T.: 0.000 min
Response: 878097189
Conc: 46.95 ng/ml



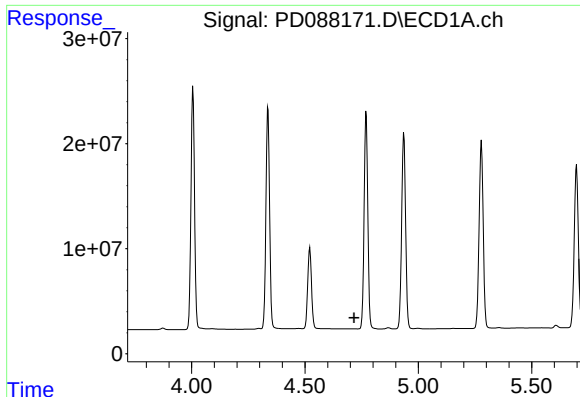
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.005 min
Response: 114111180
Conc: 48.59 ng/ml



#22 Mirex

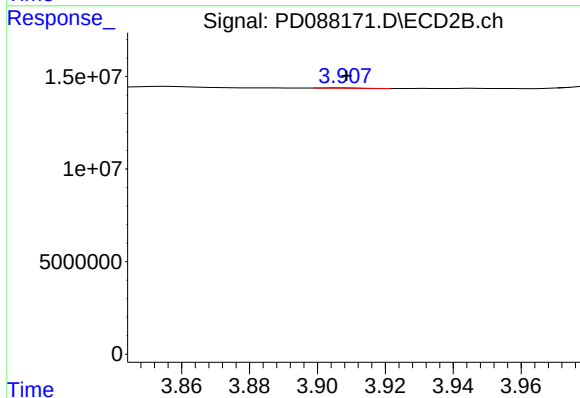
R.T.: 7.190 min
Delta R.T.: 0.000 min
Response: 680684703
Conc: 45.93 ng/ml



#23 Chlordane-1

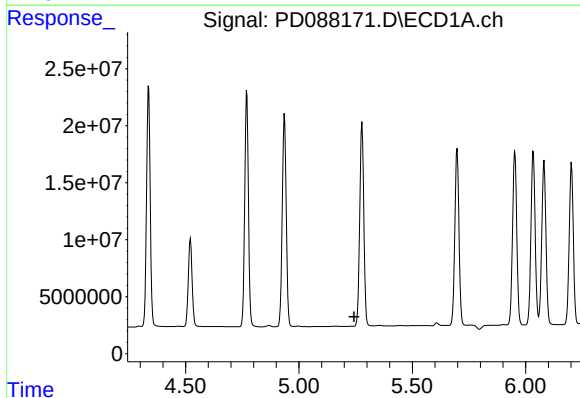
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



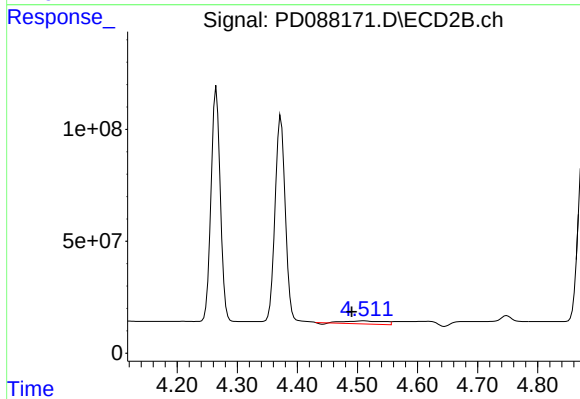
#23 Chlordane-1

R.T.: 3.908 min
Delta R.T.: 0.000 min
Response: 115287
Conc: 0.14 ng/ml



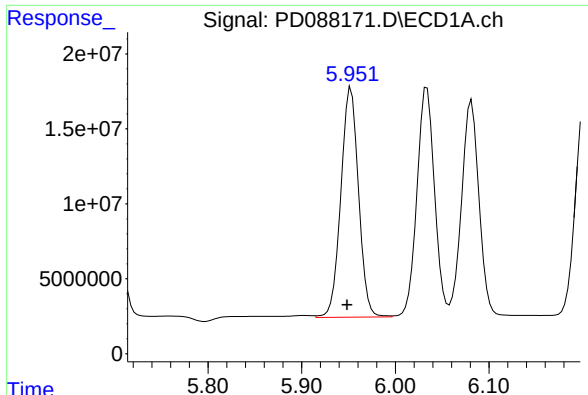
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.243 min
Response: 0
Conc: N.D.



#24 Chlordane-2

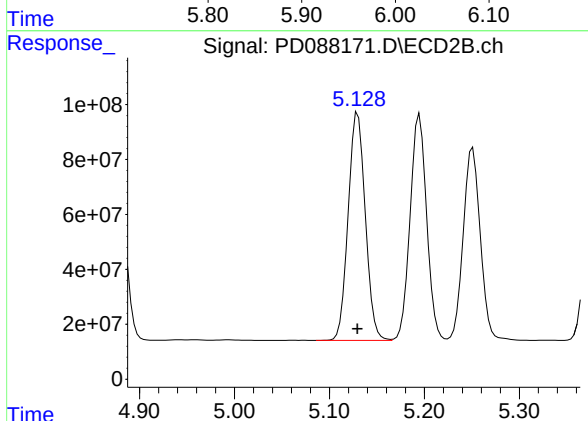
R.T.: 4.510 min
Delta R.T.: 0.020 min
Response: 61892011
Conc: 74.99 ng/ml



#25 Chlordane-3

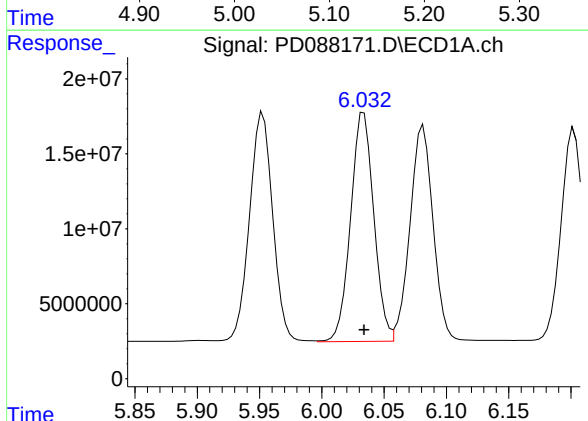
R.T.: 5.953 min
Delta R.T.: 0.004 min
Response: 201053737
Conc: 298.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



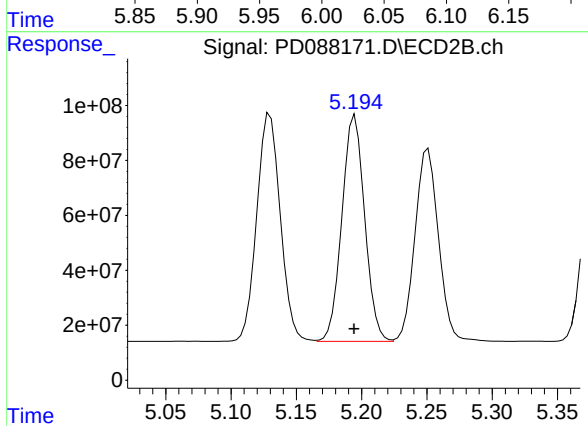
#25 Chlordane-3

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 1040900174
Conc: 411.58 ng/ml



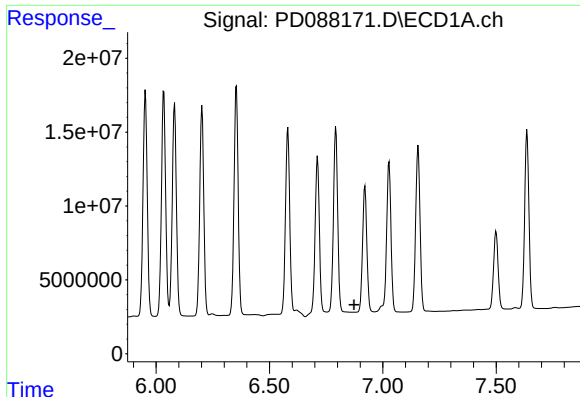
#26 Chlordane-4

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 198475074
Conc: 243.43 ng/ml



#26 Chlordane-4

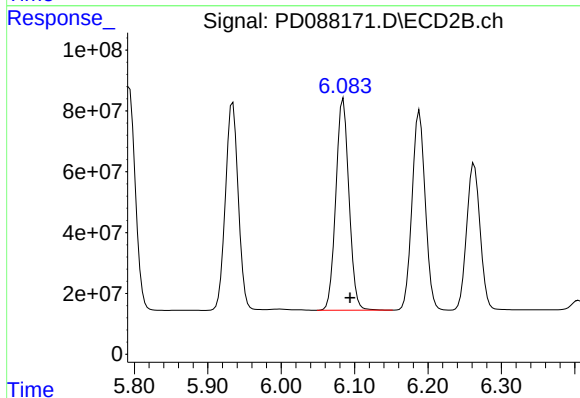
R.T.: 5.195 min
Delta R.T.: 0.000 min
Response: 999111353
Conc: 467.28 ng/ml



#27 Chlordane-5

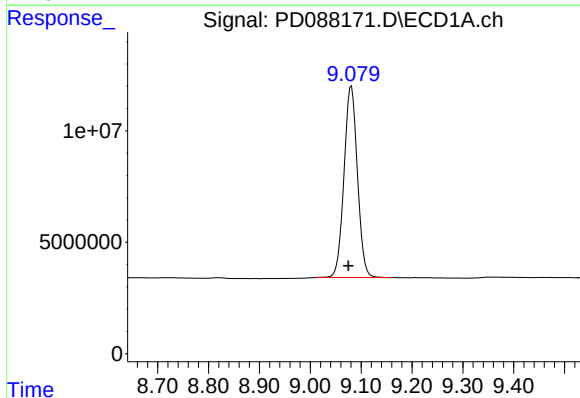
R.T.: 0.000 min
Exp R.T.: 6.873 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050



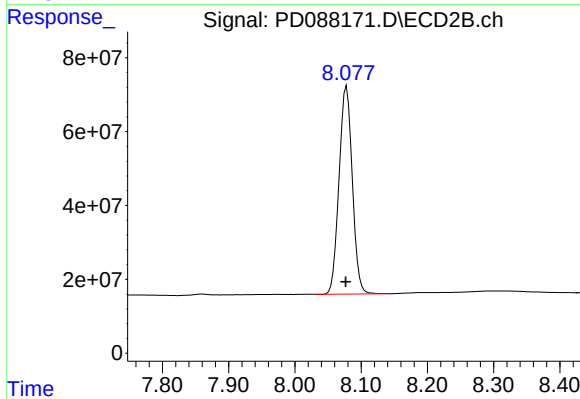
#27 Chlordane-5

R.T.: 6.085 min
Delta R.T.: -0.009 min
Response: 866331567
Conc: 897.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: 0.006 min
Response: 157099824
Conc: 47.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.078 min
Delta R.T.: 0.001 min
Response: 783378720
Conc: 42.39 ng/ml