

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103023\
 Data File : PD079229.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Oct 2023 13:04
 Operator : AR\AJ
 Sample : 05142-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

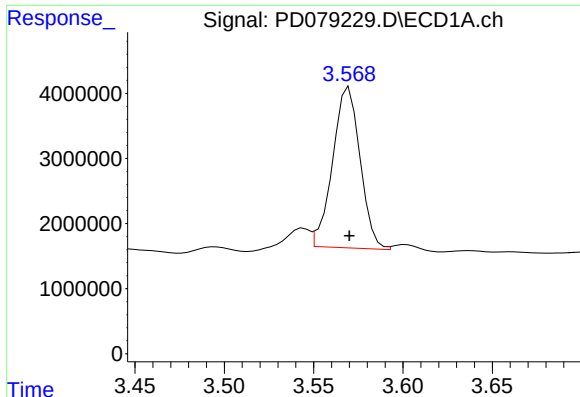
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 30 21:22:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.570	2.806	26492096	35525178	16.408	15.344
28)	SA Decachlor...	9.120	7.957	27619134	34327557	13.768	14.083
Target Compounds							
2)	A alpha-BHC	4.027	3.310	127.3E6	169.8E6	47.831	48.961
3)	MA gamma-BHC...	4.361	3.640	128.4E6	168.6E6	49.421	49.645
4)	MA Heptachlor	4.954	3.983	123.9E6	161.3E6	46.337	52.826
5)	MB Aldrin	5.298	4.264	123.8E6	164.6E6	48.033	50.311
6)	B beta-BHC	4.554	3.934	50199609	67655655	46.846	48.013
7)	B delta-BHC	4.804	4.166	121.9E6	169.2E6	45.539	50.532
8)	B Heptachlo...	5.724	4.766	110.8E6	146.6E6	47.270	49.456
9)	A Endosulfan I	6.112	5.137	102.7E6	127.6E6	47.388	48.187
10)	B gamma-Chl...	5.980	5.017	107.5E6	142.2E6	46.885	49.573
11)	B alpha-Chl...	6.061	5.081	108.0E6	138.6E6	47.359	48.288
12)	B 4,4'-DDE	6.231	5.270	98554695	137.2E6	46.640	51.521
13)	MA Dieldrin	6.387	5.402	110.7E6	149.7E6	47.516	50.399
14)	MA Endrin	6.618	5.677	92979723	133.6E6	47.740	52.214
15)	B Endosulfa...	6.835	5.969	93163542	124.8E6	45.677	50.003
16)	A 4,4'-DDD	6.748	5.824	84681340	115.0E6	48.171	50.363
17)	MA 4,4'-DDT	7.063	6.076	85223313	112.5E6	45.004	49.132
18)	B Endrin al...	6.965	6.149	65720252	93024144	42.556	50.032
19)	B Endosulfa...	7.199	6.371	90306045	114.6E6	45.422	49.085
20)	A Methoxychlor	7.537	6.651	47345795	61761128	43.208	45.492
21)	B Endrin ke...	7.686	6.878	100.3E6	135.2E6	45.998	48.351
22)	Mirex	8.163	7.064	84449167	115.6E6	49.891	54.111
23)	Chlordane-1	4.721f	3.821	811059	2147878	10.432	24.729 #
25)	Chlordane-3	5.980	5.017	107.5E6	142.2E6	346.753	533.295 #
26)	Chlordane-4	6.061	5.081	108.0E6	138.6E6	290.663	564.752 #
27)	Chlordane-5	6.900	5.969	218161	124.8E6	3.105	1252.543 #

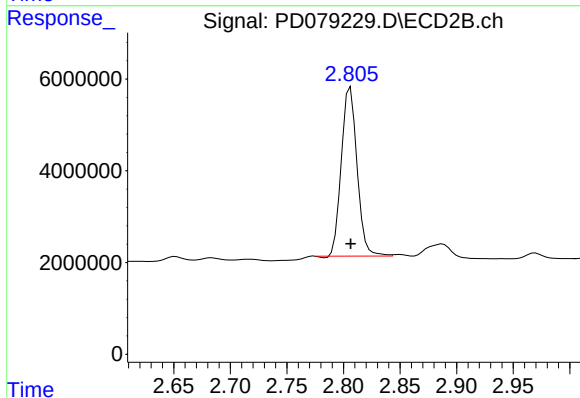
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

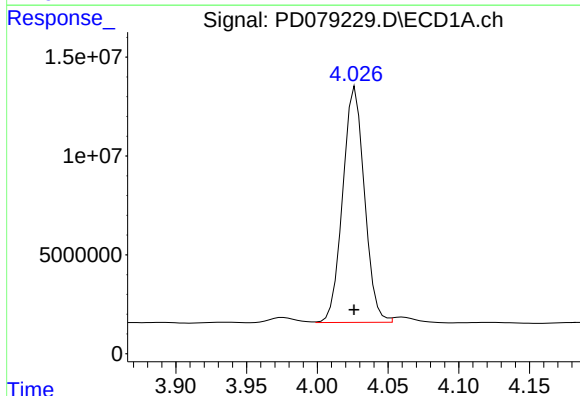
R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 26492096
Conc: 16.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



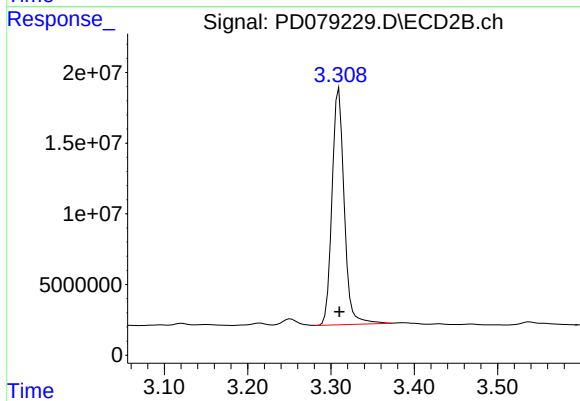
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 35525178
Conc: 15.34 ng/ml



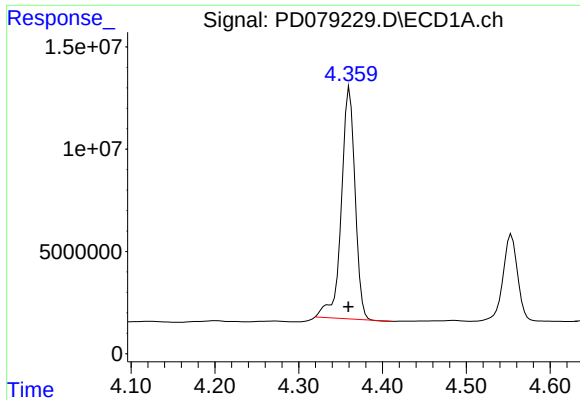
#2 alpha-BHC

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 127330011
Conc: 47.83 ng/ml



#2 alpha-BHC

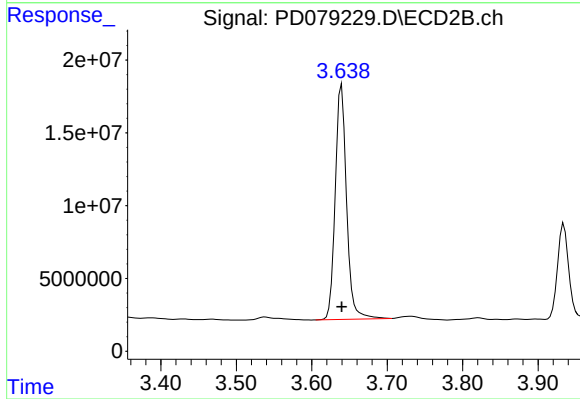
R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 169769723
Conc: 48.96 ng/ml



#3 gamma-BHC (Lindane)

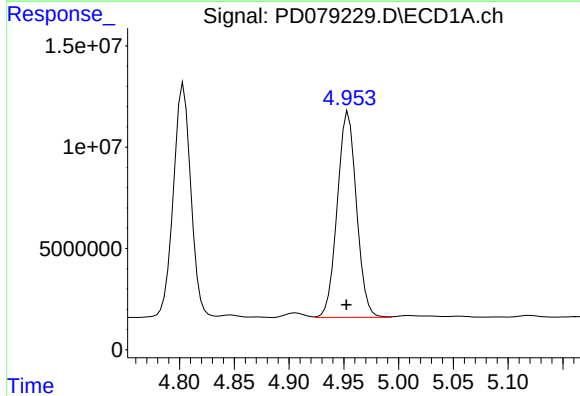
R.T.: 4.361 min
Delta R.T.: 0.001 min
Response: 128438204
Conc: 49.42 ng/ml

Instrument :
ECD_D
ClientSampleId :



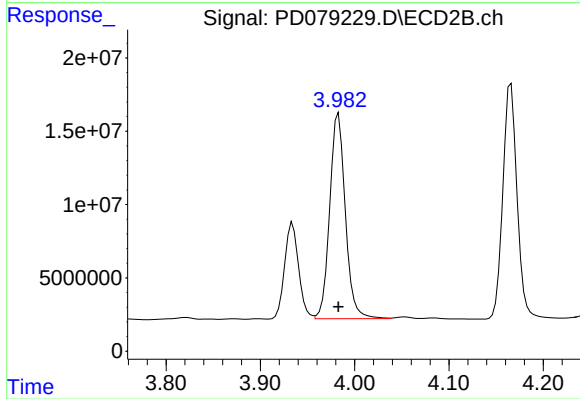
#3 gamma-BHC (Lindane)

R.T.: 3.640 min
Delta R.T.: 0.000 min
Response: 168584555
Conc: 49.65 ng/ml



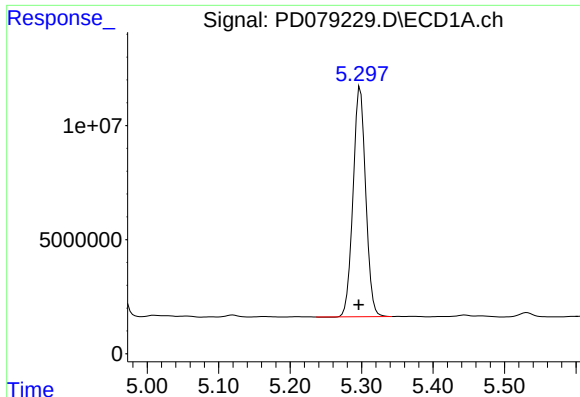
#4 Heptachlor

R.T.: 4.954 min
Delta R.T.: 0.002 min
Response: 123947746
Conc: 46.34 ng/ml



#4 Heptachlor

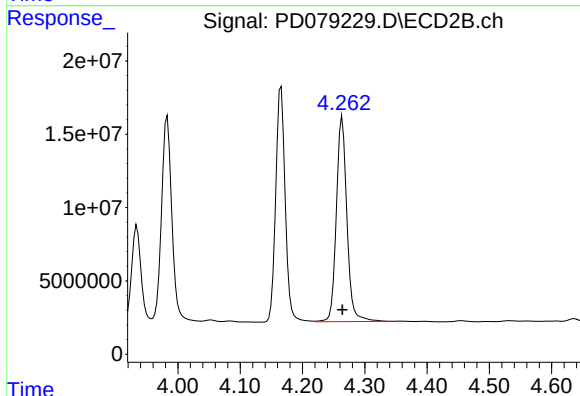
R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 161337268
Conc: 52.83 ng/ml



#5 Aldrin

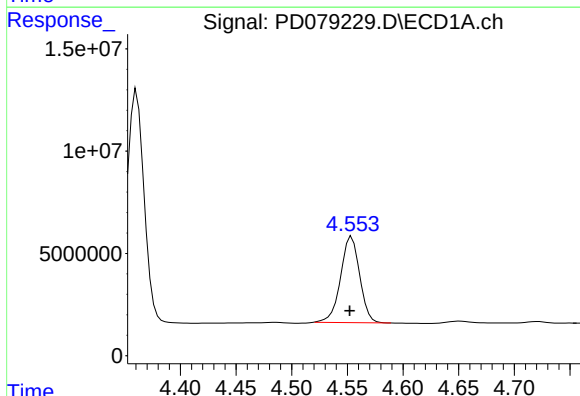
R.T.: 5.298 min
Delta R.T.: 0.002 min
Response: 123772098
Conc: 48.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



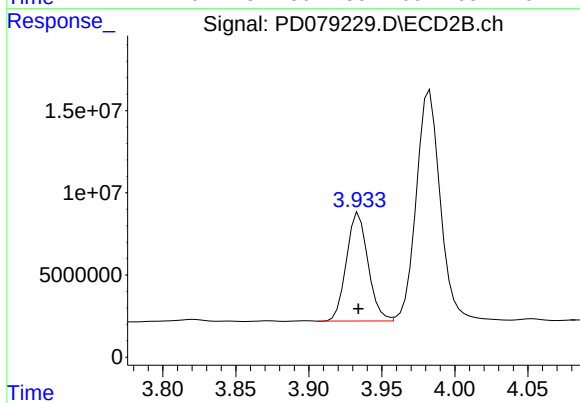
#5 Aldrin

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 164585129
Conc: 50.31 ng/ml



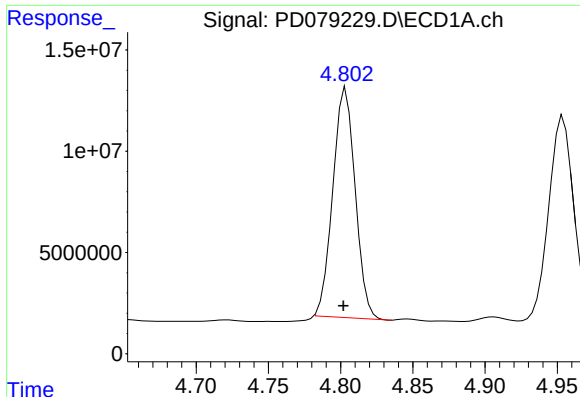
#6 beta-BHC

R.T.: 4.554 min
Delta R.T.: 0.002 min
Response: 50199609
Conc: 46.85 ng/ml



#6 beta-BHC

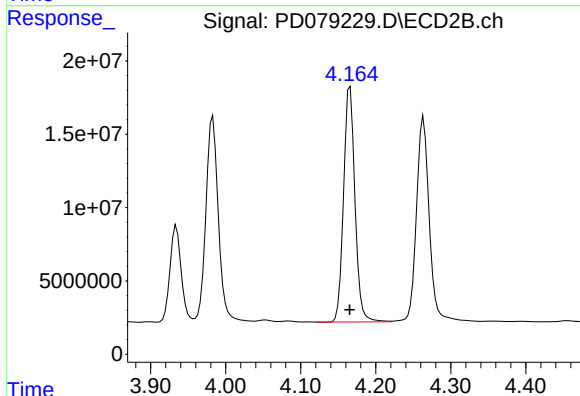
R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 67655655
Conc: 48.01 ng/ml



#7 delta-BHC

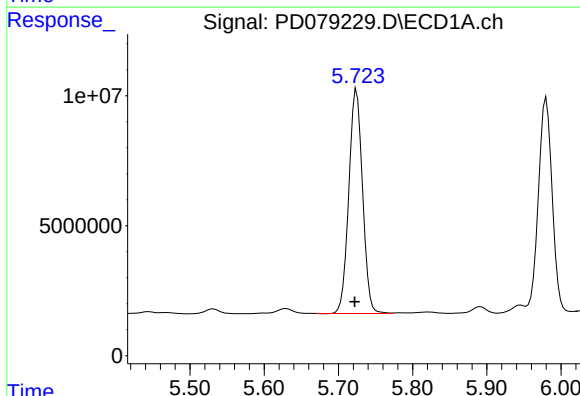
R.T.: 4.804 min
Delta R.T.: 0.002 min
Response: 121911684
Conc: 45.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



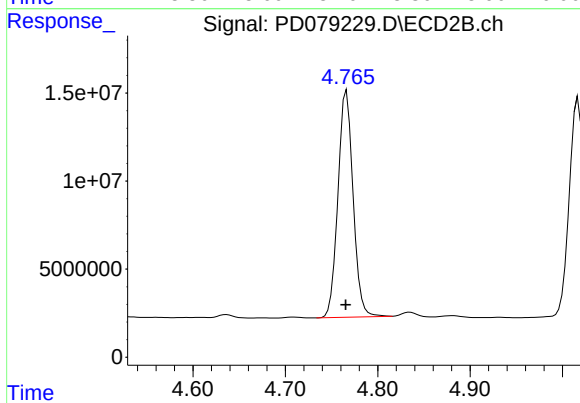
#7 delta-BHC

R.T.: 4.166 min
Delta R.T.: 0.000 min
Response: 169192853
Conc: 50.53 ng/ml



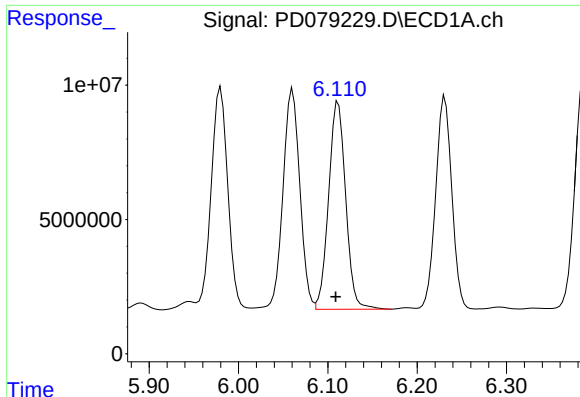
#8 Heptachlor epoxide

R.T.: 5.724 min
Delta R.T.: 0.002 min
Response: 110785146
Conc: 47.27 ng/ml



#8 Heptachlor epoxide

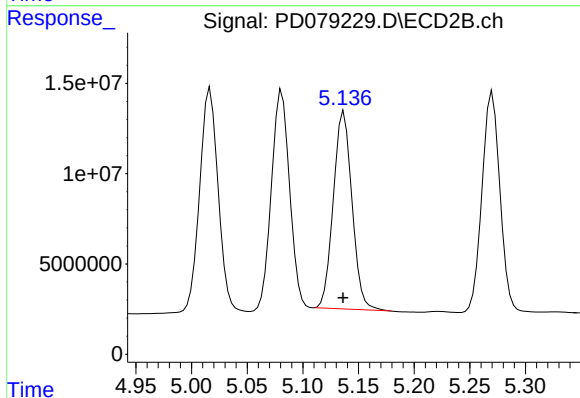
R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 146620495
Conc: 49.46 ng/ml



#9 Endosulfan I

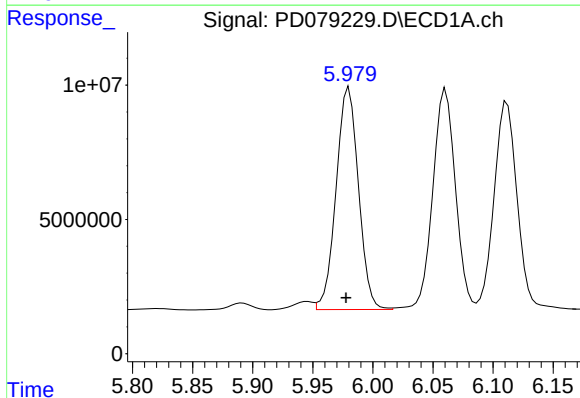
R.T.: 6.112 min
Delta R.T.: 0.003 min
Response: 102734681
Conc: 47.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



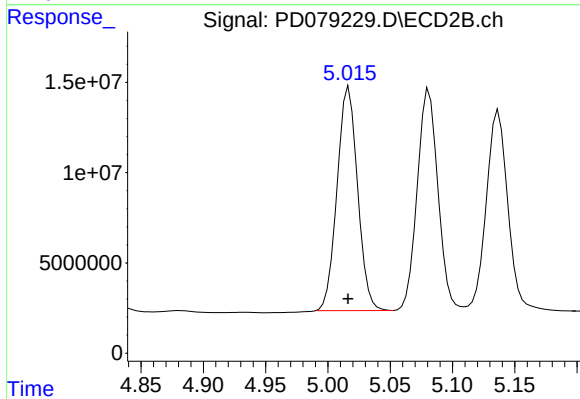
#9 Endosulfan I

R.T.: 5.137 min
Delta R.T.: 0.000 min
Response: 127585604
Conc: 48.19 ng/ml



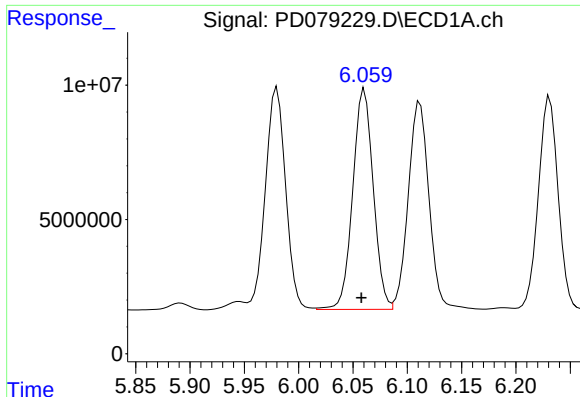
#10 gamma-Chlordane

R.T.: 5.980 min
Delta R.T.: 0.002 min
Response: 107495113
Conc: 46.89 ng/ml



#10 gamma-Chlordane

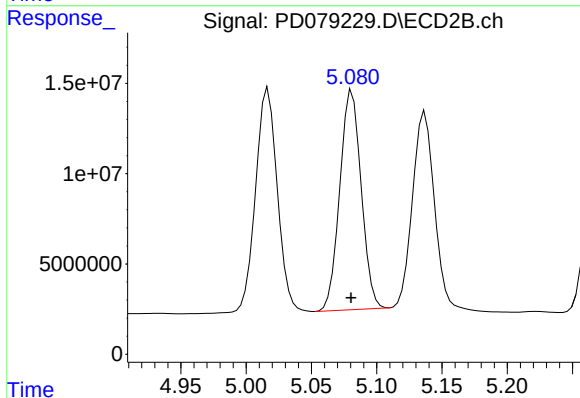
R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 142246872
Conc: 49.57 ng/ml



#11 alpha-Chlordane

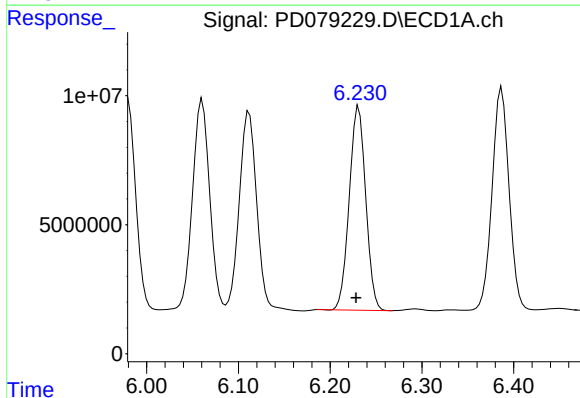
R.T.: 6.061 min
Delta R.T.: 0.003 min
Response: 107988372
Conc: 47.36 ng/ml

Instrument :
ECD_D
ClientSampleId :



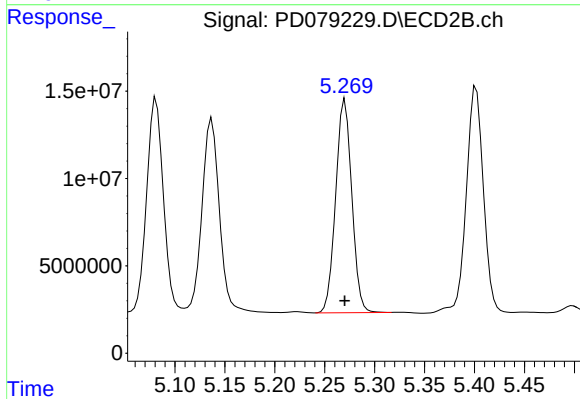
#11 alpha-Chlordane

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 138578315
Conc: 48.29 ng/ml



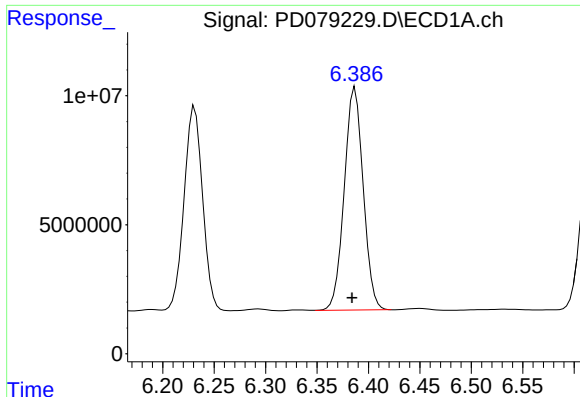
#12 4,4'-DDE

R.T.: 6.231 min
Delta R.T.: 0.003 min
Response: 98554695
Conc: 46.64 ng/ml



#12 4,4'-DDE

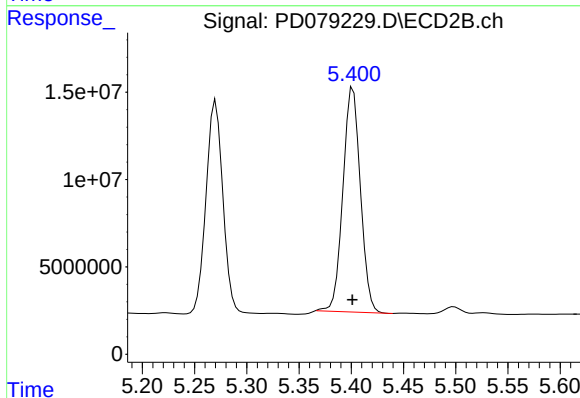
R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 137168096
Conc: 51.52 ng/ml



#13 Dieldrin

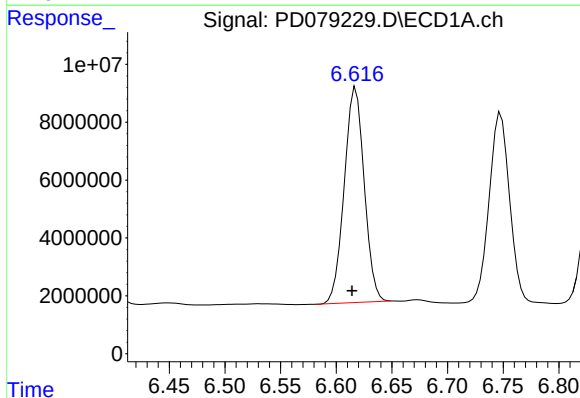
R.T.: 6.387 min
Delta R.T.: 0.003 min
Response: 110658266
Conc: 47.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



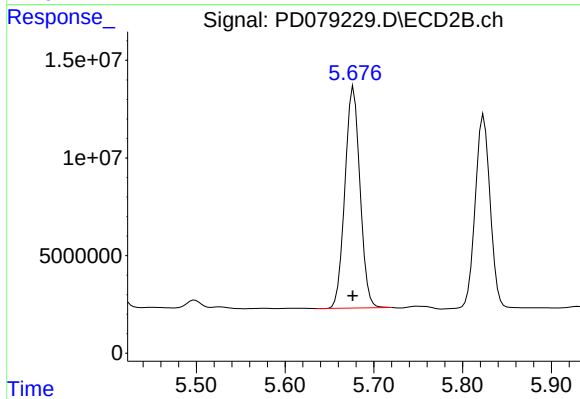
#13 Dieldrin

R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 149679196
Conc: 50.40 ng/ml



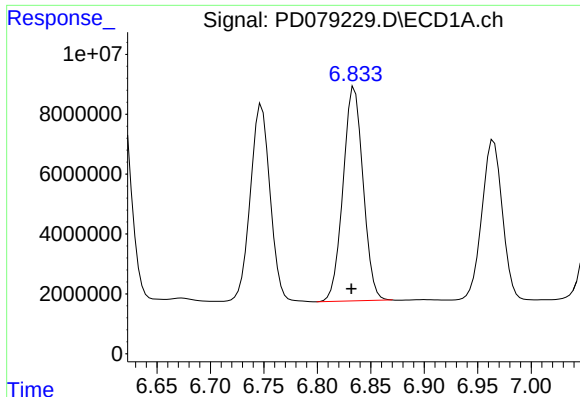
#14 Endrin

R.T.: 6.618 min
Delta R.T.: 0.003 min
Response: 92979723
Conc: 47.74 ng/ml



#14 Endrin

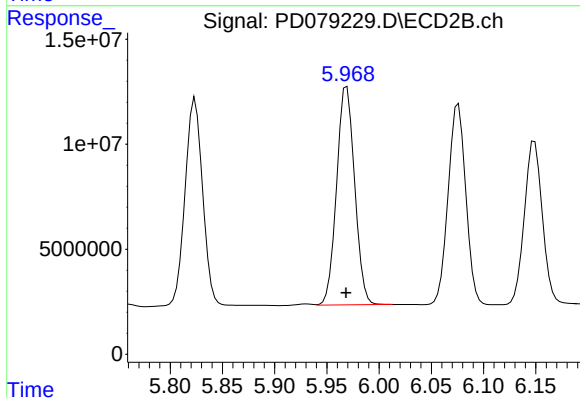
R.T.: 5.677 min
Delta R.T.: 0.001 min
Response: 133621963
Conc: 52.21 ng/ml



#15 Endosulfan II

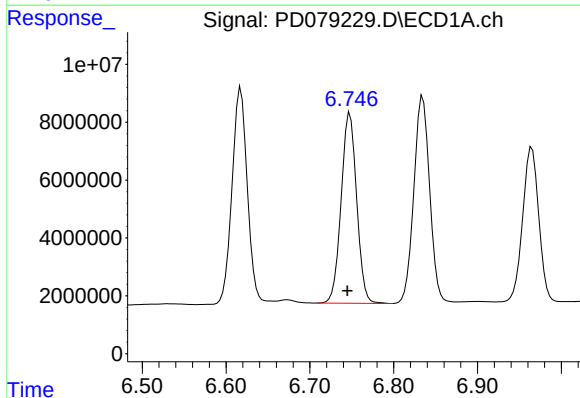
R.T.: 6.835 min
Delta R.T.: 0.003 min
Response: 93163542
Conc: 45.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



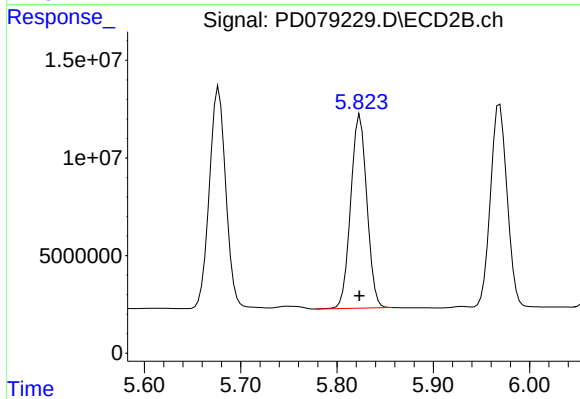
#15 Endosulfan II

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 124833632
Conc: 50.00 ng/ml



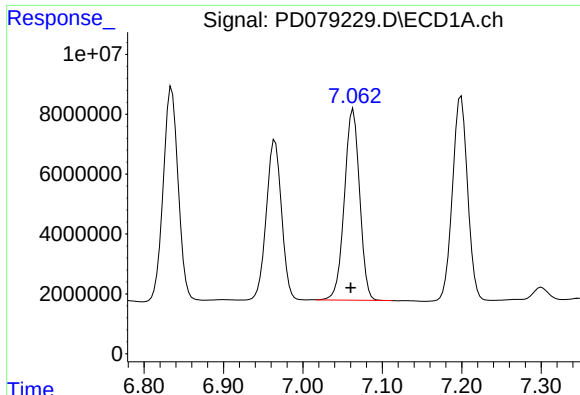
#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: 0.003 min
Response: 84681340
Conc: 48.17 ng/ml



#16 4,4'-DDD

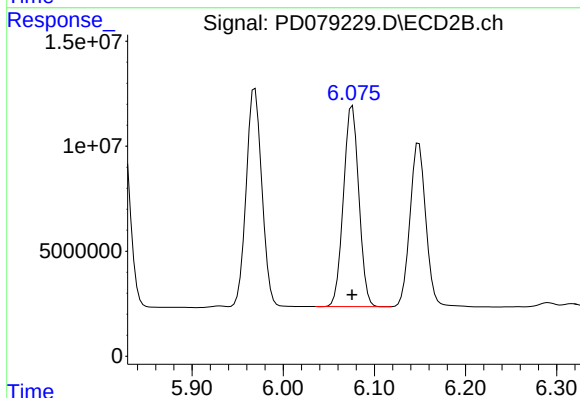
R.T.: 5.824 min
Delta R.T.: 0.000 min
Response: 115041268
Conc: 50.36 ng/ml



#17 4,4'-DDT

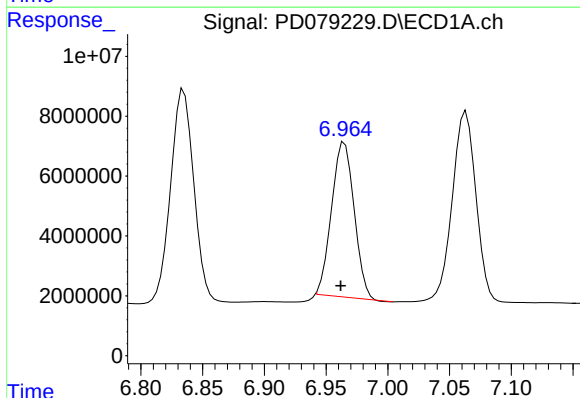
R.T.: 7.063 min
Delta R.T.: 0.003 min
Response: 85223313
Conc: 45.00 ng/ml

Instrument :
ECD_D
ClientSampleId :



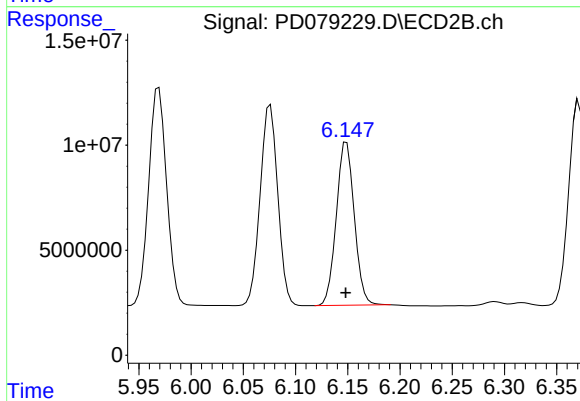
#17 4,4'-DDT

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 112482043
Conc: 49.13 ng/ml



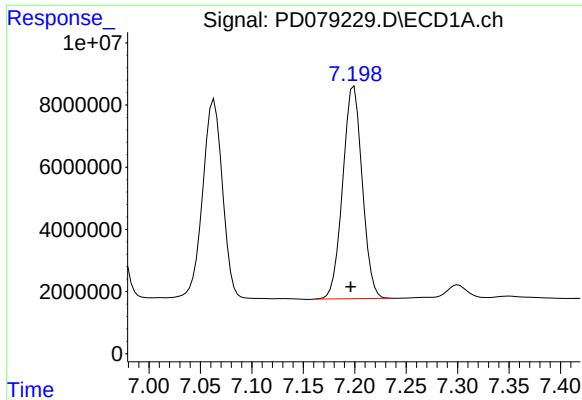
#18 Endrin aldehyde

R.T.: 6.965 min
Delta R.T.: 0.003 min
Response: 65720252
Conc: 42.56 ng/ml



#18 Endrin aldehyde

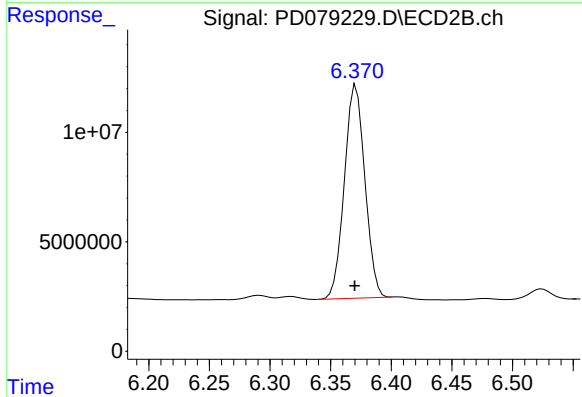
R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 93024144
Conc: 50.03 ng/ml



#19 Endosulfan Sulfate

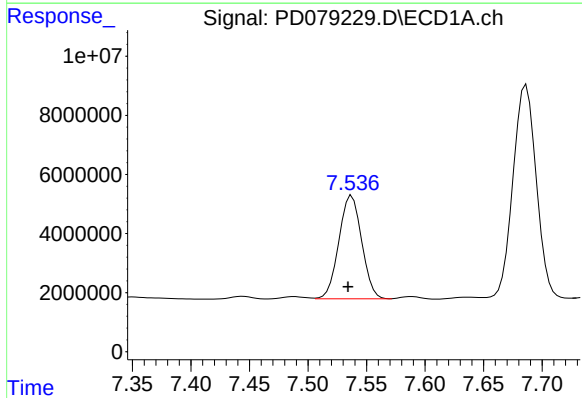
R.T.: 7.199 min
Delta R.T.: 0.003 min
Response: 90306045
Conc: 45.42 ng/ml

Instrument :
ECD_D
ClientSampleId :



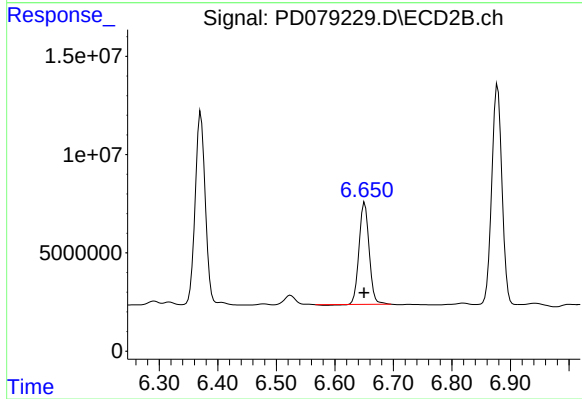
#19 Endosulfan Sulfate

R.T.: 6.371 min
Delta R.T.: 0.001 min
Response: 114605455
Conc: 49.09 ng/ml



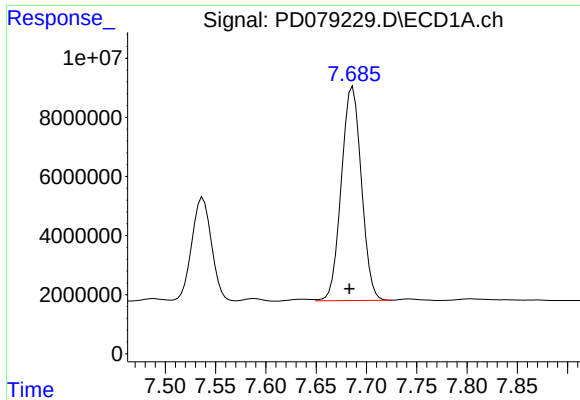
#20 Methoxychlor

R.T.: 7.537 min
Delta R.T.: 0.003 min
Response: 47345795
Conc: 43.21 ng/ml



#20 Methoxychlor

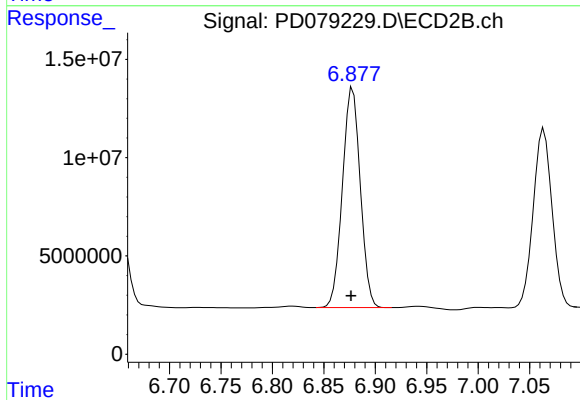
R.T.: 6.651 min
Delta R.T.: 0.000 min
Response: 61761128
Conc: 45.49 ng/ml



#21 Endrin ketone

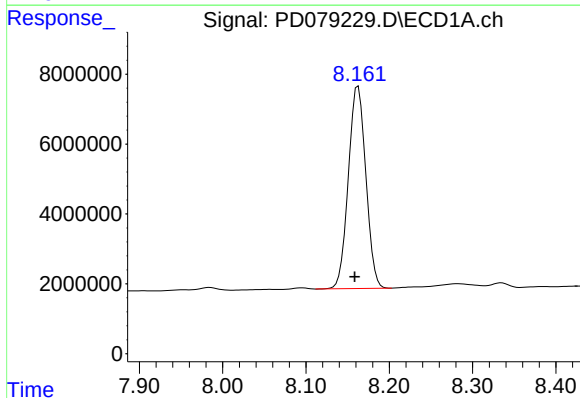
R.T.: 7.686 min
Delta R.T.: 0.003 min
Response: 100282547
Conc: 46.00 ng/ml

Instrument :
ECD_D
ClientSampleId :



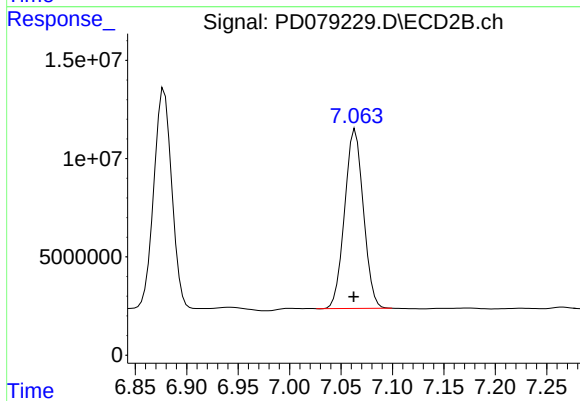
#21 Endrin ketone

R.T.: 6.878 min
Delta R.T.: 0.002 min
Response: 135176951
Conc: 48.35 ng/ml



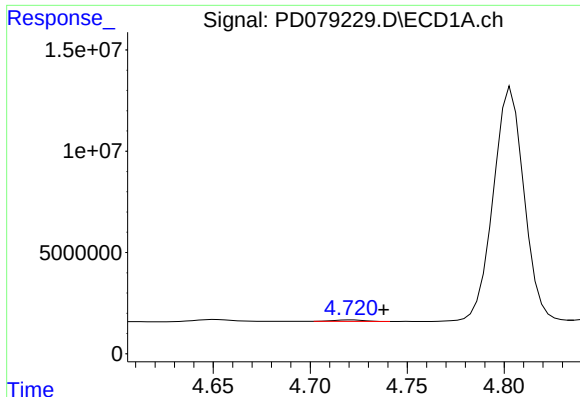
#22 Mirex

R.T.: 8.163 min
Delta R.T.: 0.004 min
Response: 84449167
Conc: 49.89 ng/ml



#22 Mirex

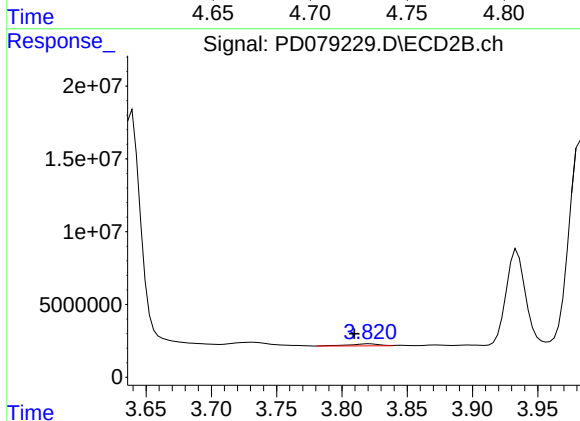
R.T.: 7.064 min
Delta R.T.: 0.002 min
Response: 115599255
Conc: 54.11 ng/ml



#23 Chlordane-1

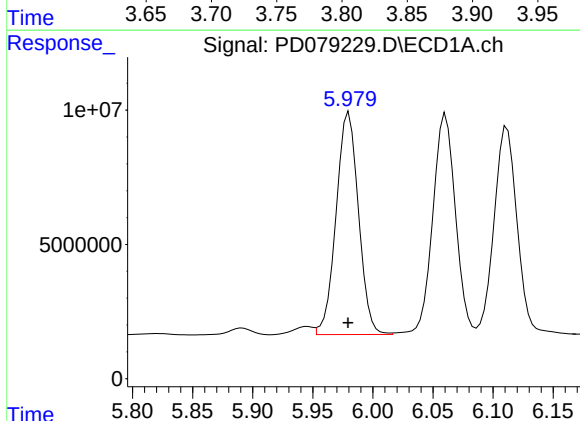
R.T.: 4.721 min
Delta R.T.: -0.017 min
Response: 811059
Conc: 10.43 ng/ml

Instrument :
ECD_D
ClientSampleId :



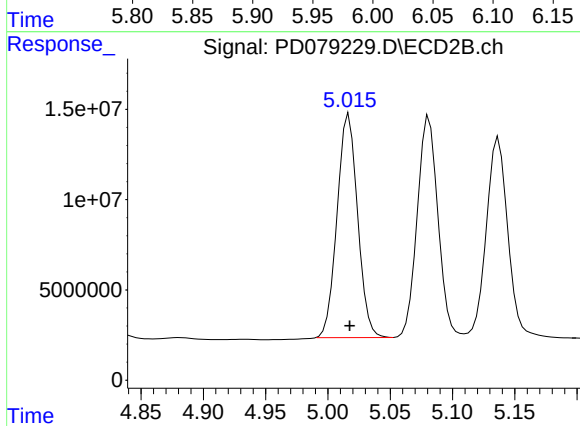
#23 Chlordane-1

R.T.: 3.821 min
Delta R.T.: 0.011 min
Response: 2147878
Conc: 24.73 ng/ml



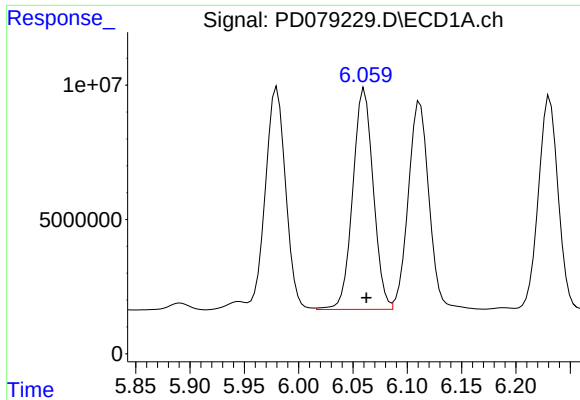
#25 Chlordane-3

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 107495113
Conc: 346.75 ng/ml



#25 Chlordane-3

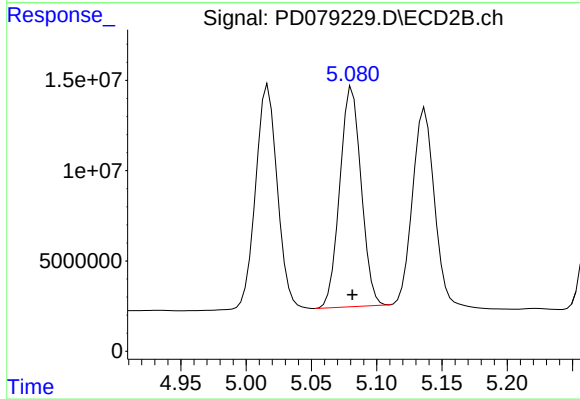
R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 142246872
Conc: 533.30 ng/ml



#26 Chlordane-4

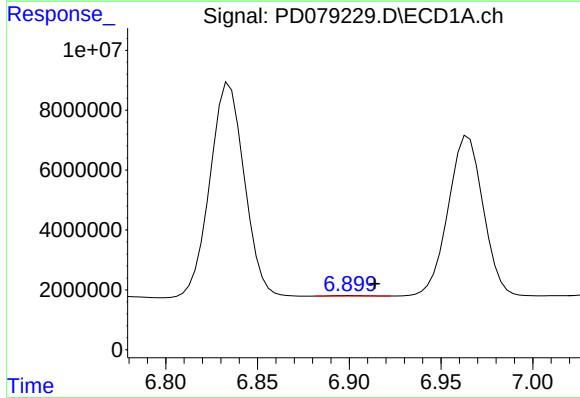
R.T.: 6.061 min
Delta R.T.: -0.002 min
Response: 107988372
Conc: 290.66 ng/ml

Instrument :
ECD_D
ClientSampleId :



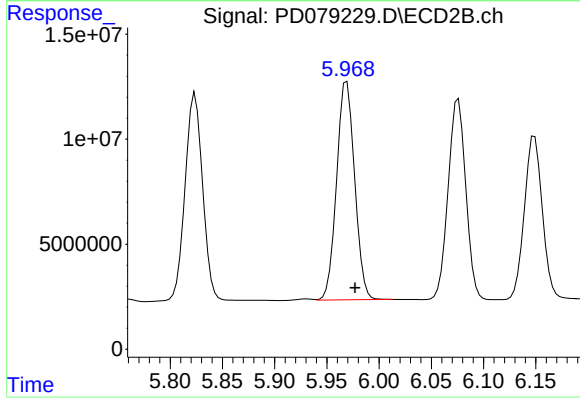
#26 Chlordane-4

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 138578315
Conc: 564.75 ng/ml



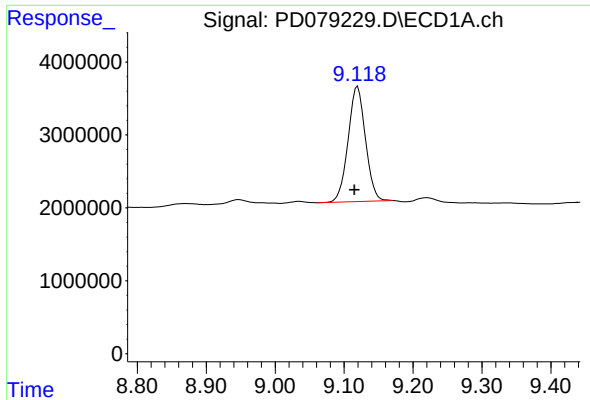
#27 Chlordane-5

R.T.: 6.900 min
Delta R.T.: -0.014 min
Response: 218161
Conc: 3.10 ng/ml



#27 Chlordane-5

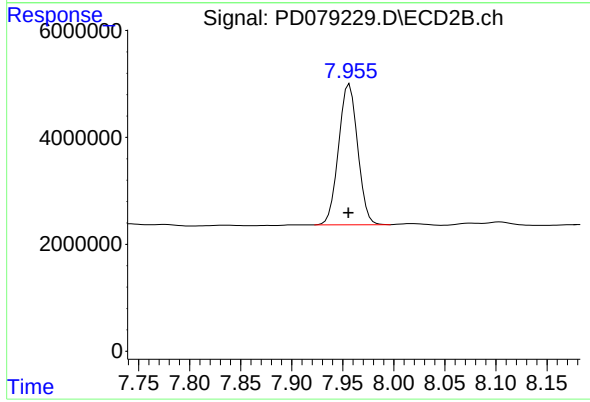
R.T.: 5.969 min
Delta R.T.: -0.008 min
Response: 124833632
Conc: 1252.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.120 min
Delta R.T.: 0.005 min
Response: 27619134
Conc: 13.77 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.957 min
Delta R.T.: 0.001 min
Response: 34327557
Conc: 14.08 ng/ml