

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090323\
 Data File : PD077580.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Sep 2023 17:17
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

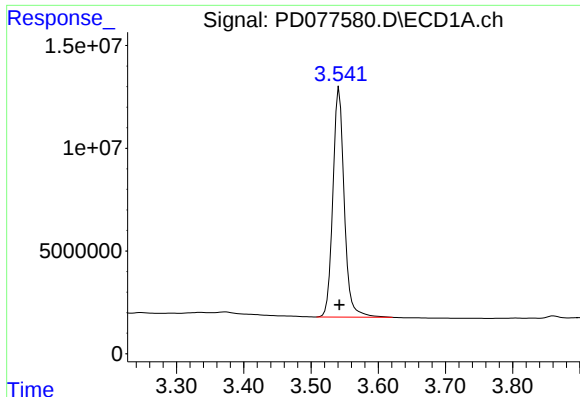
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 01 18:18:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 01 16:18:56 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.542	2.761	129.7E6	81186736	51.065	51.331
28)	SA Decachlor...	9.081	7.899	152.0E6	87549411	49.904	50.735
Target Compounds							
2)	A alpha-BHC	3.998	3.262	218.6E6	122.4E6	53.126	52.915
3)	MA gamma-BHC...	4.332	3.592	208.6E6	118.0E6	52.721	52.781
4)	MA Heptachlor	4.923	3.930	204.3E6	117.8E6	52.145	52.384
5)	MB Aldrin	5.266	4.210	209.9E6	127.9E6	52.180	56.150
6)	B beta-BHC	4.529	3.889	80418812	45958597	49.832	51.565
7)	B delta-BHC	4.778	4.118	196.2E6	117.8E6	53.222	54.357
8)	B Heptachlo...	5.693	4.713	194.9E6	104.5E6	54.499	51.517
9)	A Endosulfan I	6.080	5.082	169.9E6	85263602	51.654	45.519
10)	B gamma-Chl...	5.950	4.963	180.8E6	104.1E6	51.363	51.790
11)	B alpha-Chl...	6.029	5.027	181.6E6	104.1E6	51.049	51.658
12)	B 4,4'-DDE	6.202	5.216	165.8E6	98435418	51.487	53.929
13)	MA Dieldrin	6.356	5.348	183.6E6	106.0E6	51.610	51.905
14)	MA Endrin	6.586	5.623	160.7E6	95246791	52.991	52.584
15)	B Endosulfa...	6.806	5.917	154.6E6	88252415	49.878	51.578
16)	A 4,4'-DDD	6.720	5.770	132.5E6	73849506	51.701	52.847
17)	MA 4,4'-DDT	7.035	6.021	137.4E6	76981601	52.541	54.487
18)	B Endrin al...	6.936	6.097	119.1E6	69140609	50.123	51.222
19)	B Endosulfa...	7.171	6.320	143.4E6	82840850	50.538	51.736
20)	A Methoxychlor	7.511	6.596	76111237	40597650	49.207	52.436
21)	B Endrin ke...	7.657	6.826	166.2E6	96178653	51.150	50.868
22)	Mirex	8.132	7.007	120.8E6	77683783	50.230	50.732
24)	Chlordane-2	5.266f	4.348f	209.9E6	13529923	1644.242	212.431 #
25)	Chlordane-3	5.950	4.963	180.8E6	104.1E6	359.913	530.611 #
26)	Chlordane-4	6.029	5.027	181.6E6	104.1E6	294.882	550.021 #
27)	Chlordane-5	0.000	5.917	0	88252415	N.D.	1371.705 #

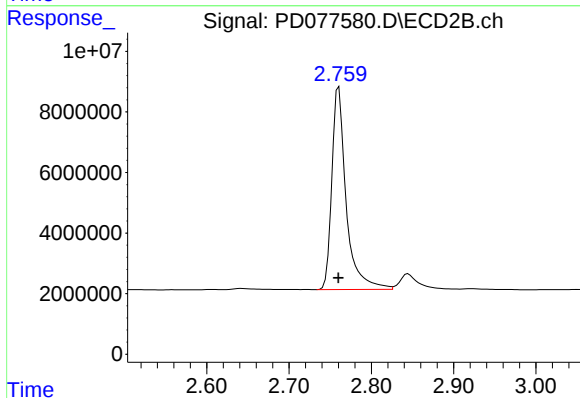
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

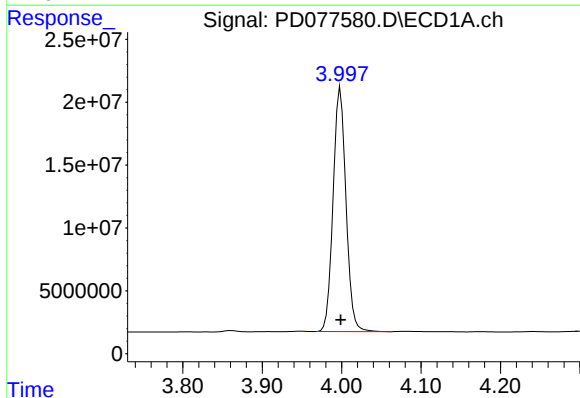
R.T.: 3.542 min
Delta R.T.: 0.000 min
Response: 129655894
Conc: 51.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



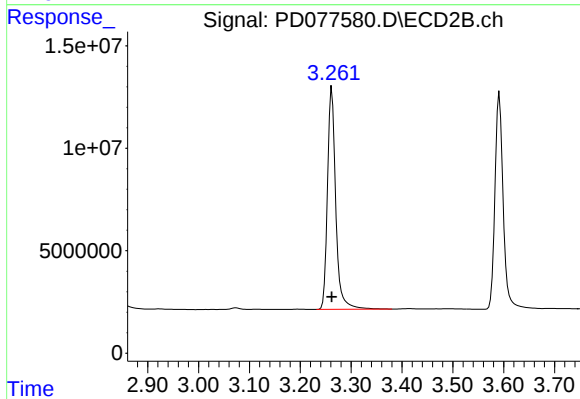
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 81186736
Conc: 51.33 ng/ml



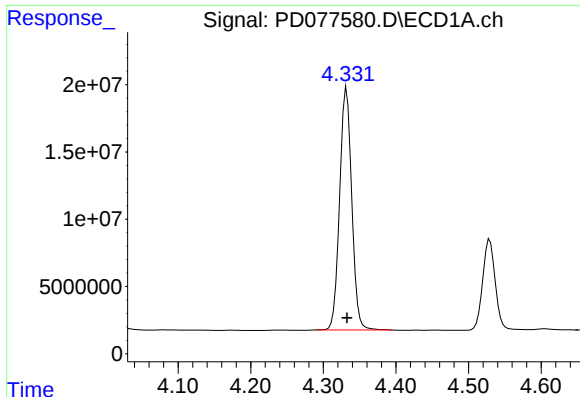
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 218569852
Conc: 53.13 ng/ml



#2 alpha-BHC

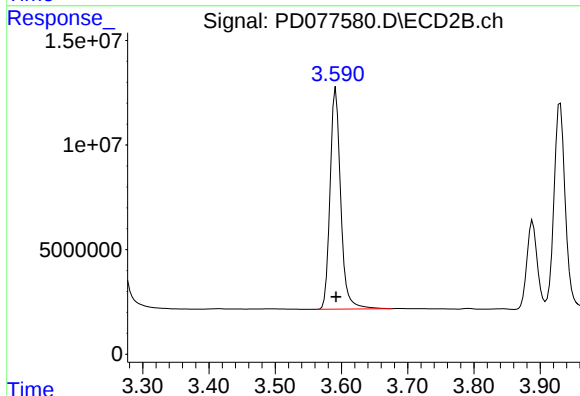
R.T.: 3.262 min
Delta R.T.: 0.000 min
Response: 122420712
Conc: 52.91 ng/ml



#3 gamma-BHC (Lindane)

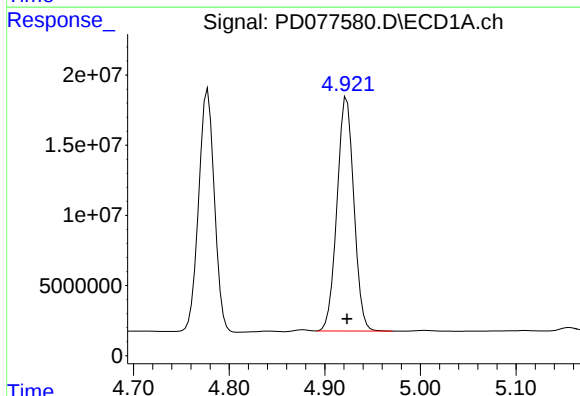
R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 208562636
Conc: 52.72 ng/ml

Instrument :
ECD_D
ClientSampleId :



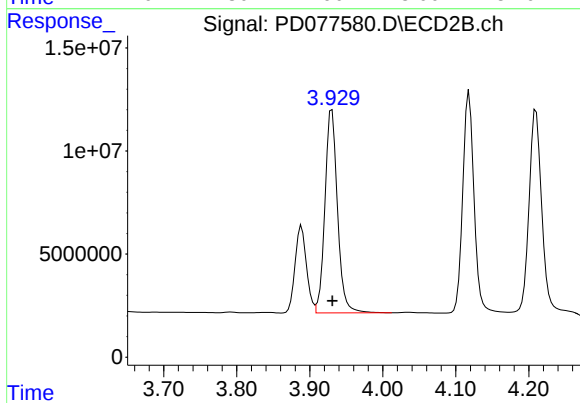
#3 gamma-BHC (Lindane)

R.T.: 3.592 min
Delta R.T.: 0.000 min
Response: 117989651
Conc: 52.78 ng/ml



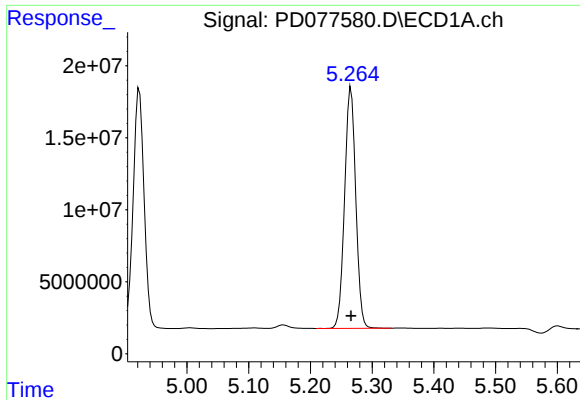
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 204304001
Conc: 52.15 ng/ml



#4 Heptachlor

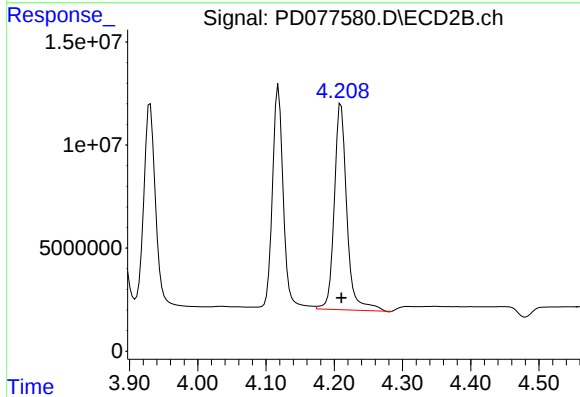
R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 117832024
Conc: 52.38 ng/ml



#5 Aldrin

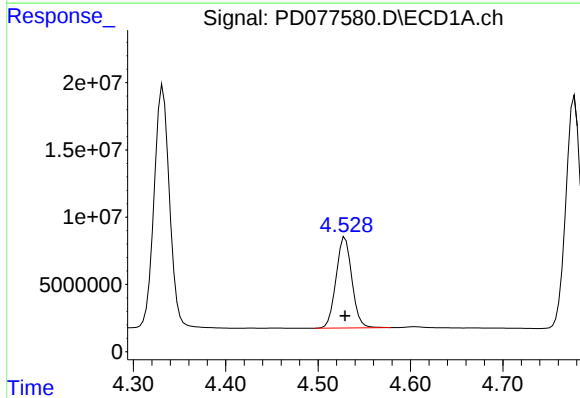
R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 209857854
Conc: 52.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



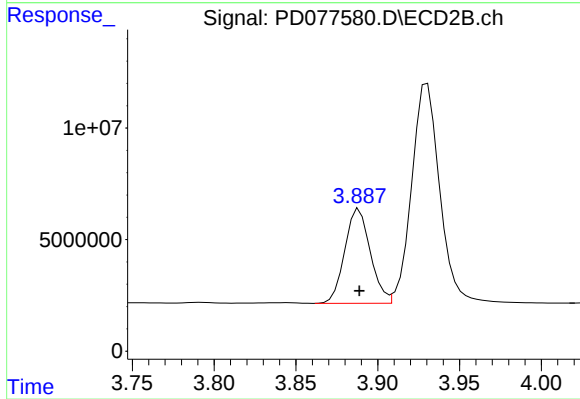
#5 Aldrin

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 127910850
Conc: 56.15 ng/ml



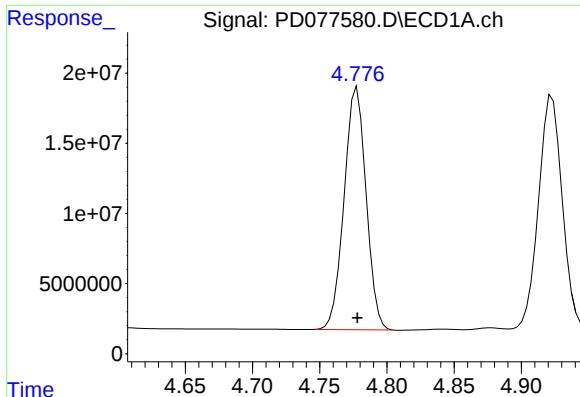
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 80418812
Conc: 49.83 ng/ml



#6 beta-BHC

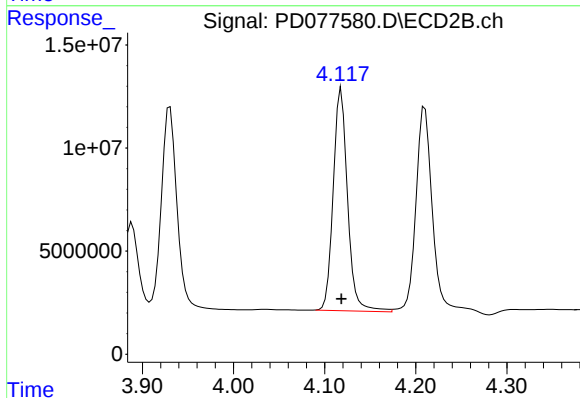
R.T.: 3.889 min
Delta R.T.: 0.000 min
Response: 45958597
Conc: 51.57 ng/ml



#7 delta-BHC

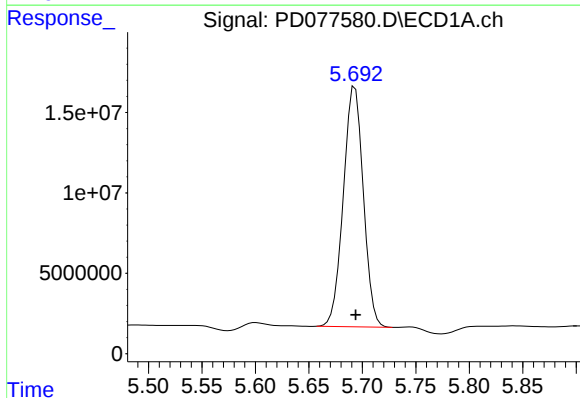
R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 196196499
Conc: 53.22 ng/ml

Instrument :
ECD_D
ClientSampleId :



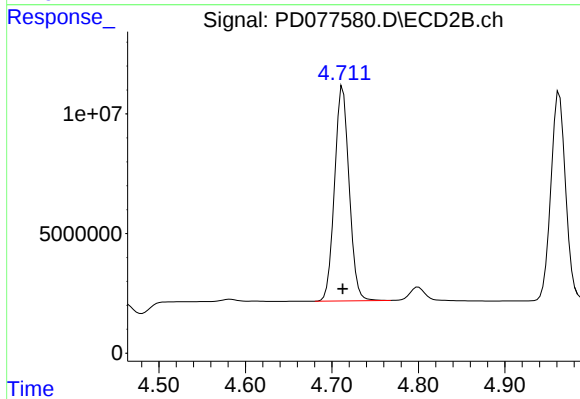
#7 delta-BHC

R.T.: 4.118 min
Delta R.T.: 0.000 min
Response: 117837713
Conc: 54.36 ng/ml



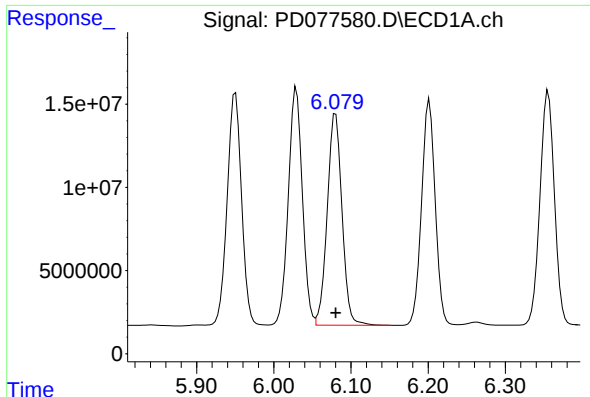
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 194865763
Conc: 54.50 ng/ml



#8 Heptachlor epoxide

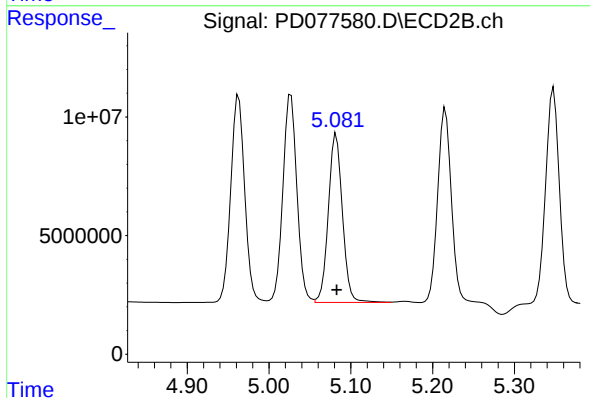
R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 104486593
Conc: 51.52 ng/ml



#9 Endosulfan I

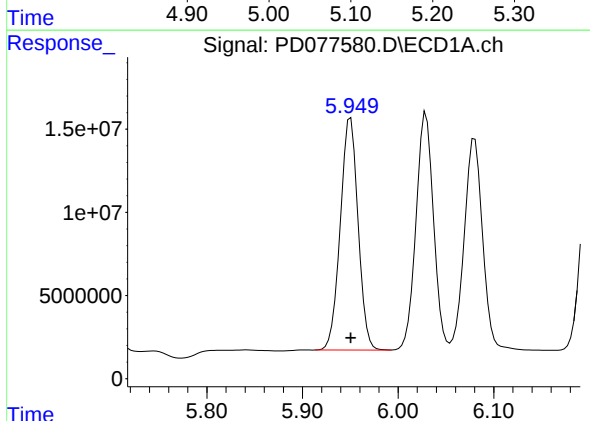
R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 169893645
Conc: 51.65 ng/ml

Instrument :
ECD_D
ClientSampleId :



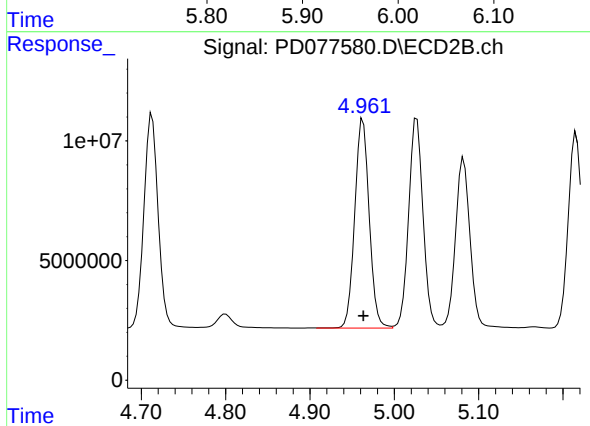
#9 Endosulfan I

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 85263602
Conc: 45.52 ng/ml



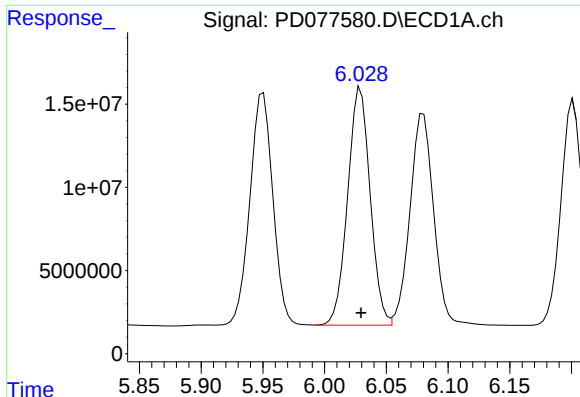
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 180812832
Conc: 51.36 ng/ml



#10 gamma-Chlordane

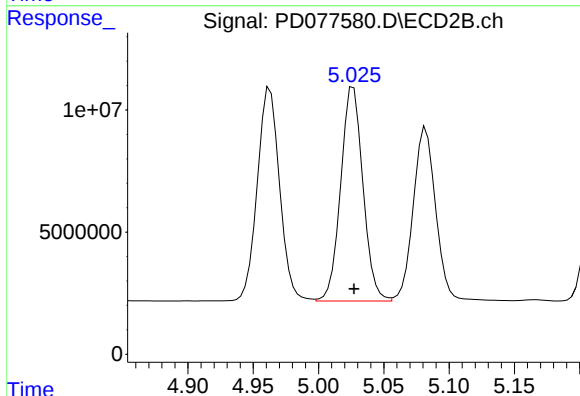
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 104107125
Conc: 51.79 ng/ml



#11 alpha-Chlordane

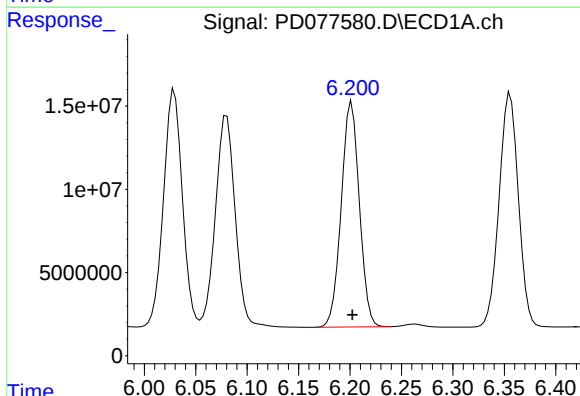
R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 181649360
Conc: 51.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



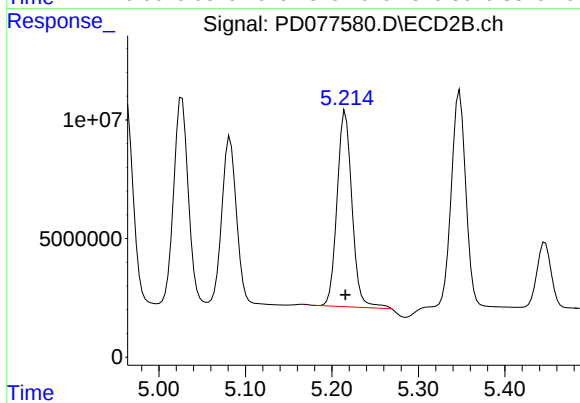
#11 alpha-Chlordane

R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 104076321
Conc: 51.66 ng/ml



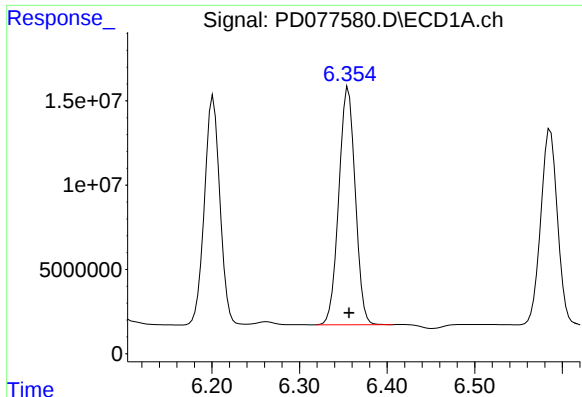
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 165768749
Conc: 51.49 ng/ml



#12 4,4'-DDE

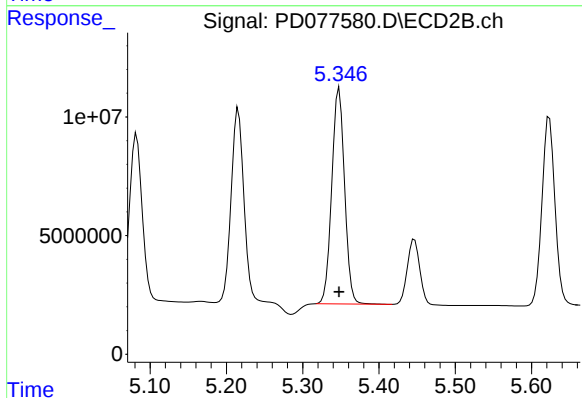
R.T.: 5.216 min
Delta R.T.: 0.000 min
Response: 98435418
Conc: 53.93 ng/ml



#13 Dieldrin

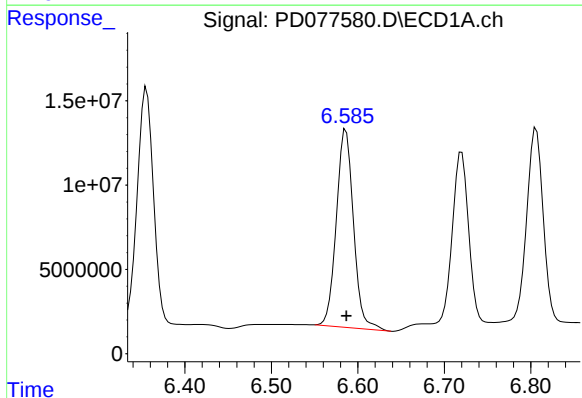
R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 183619485
Conc: 51.61 ng/ml

Instrument :
ECD_D
ClientSampleId :



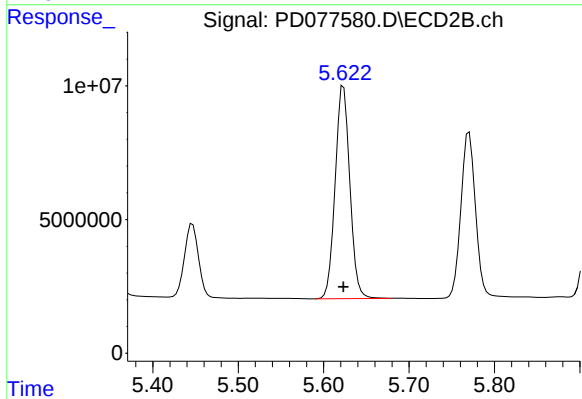
#13 Dieldrin

R.T.: 5.348 min
Delta R.T.: 0.000 min
Response: 105979636
Conc: 51.90 ng/ml



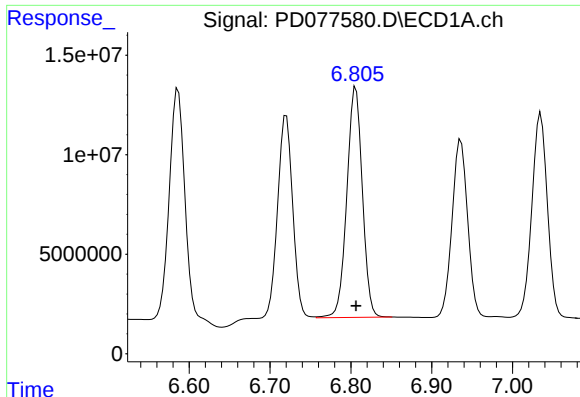
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 160733073
Conc: 52.99 ng/ml



#14 Endrin

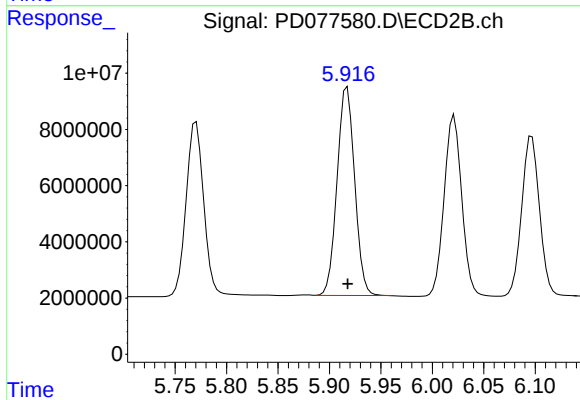
R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 95246791
Conc: 52.58 ng/ml



#15 Endosulfan II

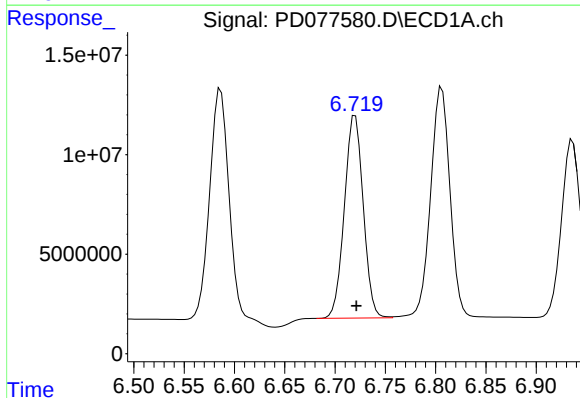
R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 154551667
Conc: 49.88 ng/ml

Instrument :
ECD_D
ClientSampleId :



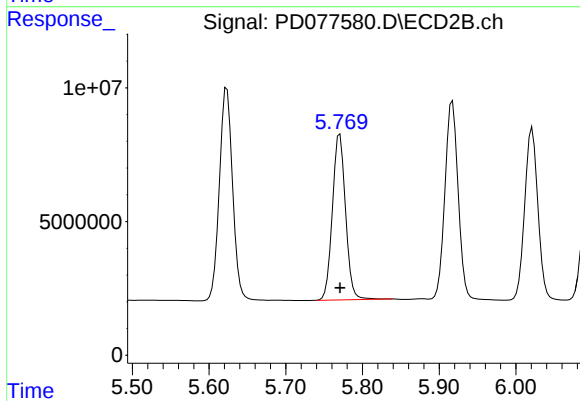
#15 Endosulfan II

R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 88252415
Conc: 51.58 ng/ml



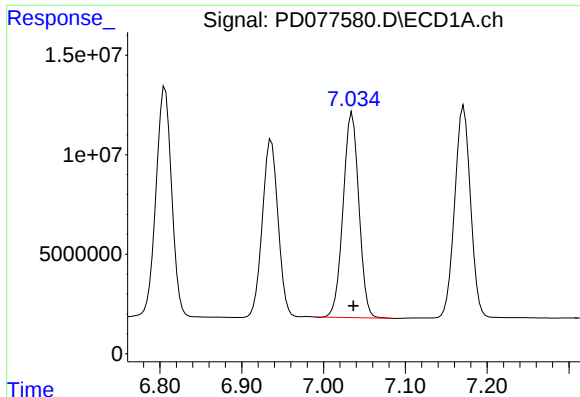
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: -0.001 min
Response: 132473521
Conc: 51.70 ng/ml



#16 4,4'-DDD

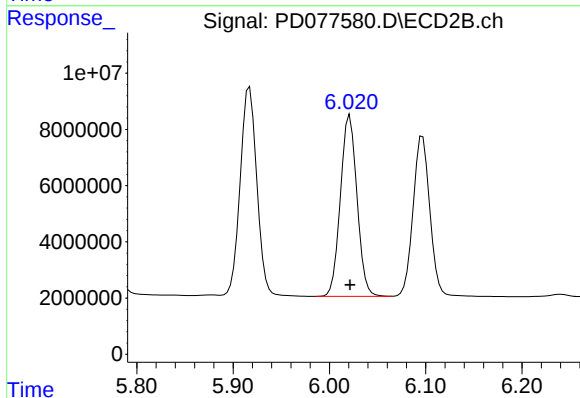
R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 73849506
Conc: 52.85 ng/ml



#17 4,4'-DDT

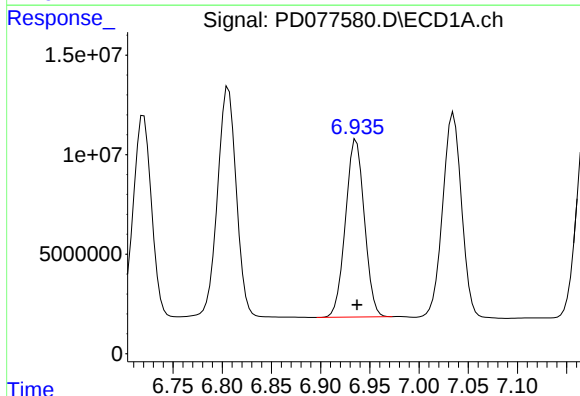
R.T.: 7.035 min
Delta R.T.: -0.001 min
Response: 137409761
Conc: 52.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



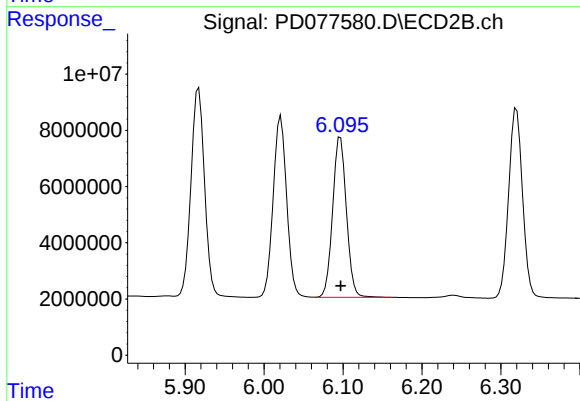
#17 4,4'-DDT

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 76981601
Conc: 54.49 ng/ml



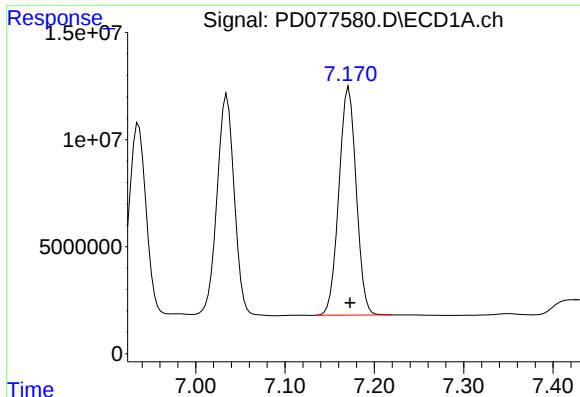
#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 119112575
Conc: 50.12 ng/ml



#18 Endrin aldehyde

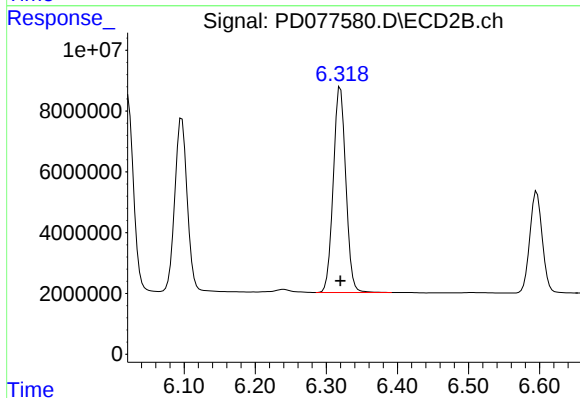
R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 69140609
Conc: 51.22 ng/ml



#19 Endosulfan Sulfate

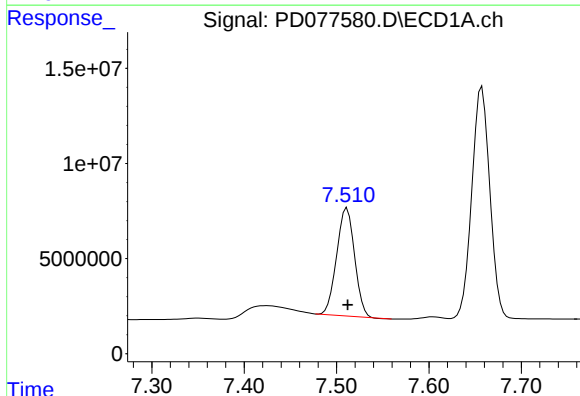
R.T.: 7.171 min
Delta R.T.: -0.001 min
Response: 143422839
Conc: 50.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



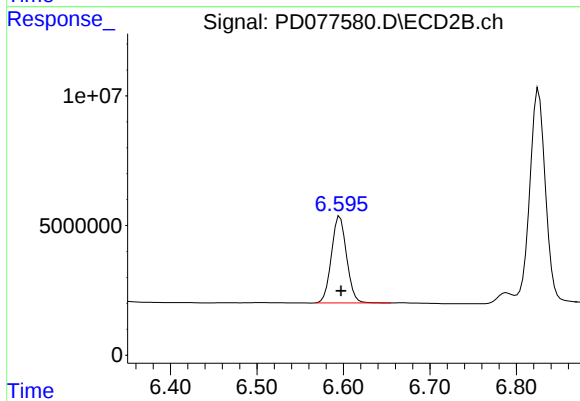
#19 Endosulfan Sulfate

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 82840850
Conc: 51.74 ng/ml



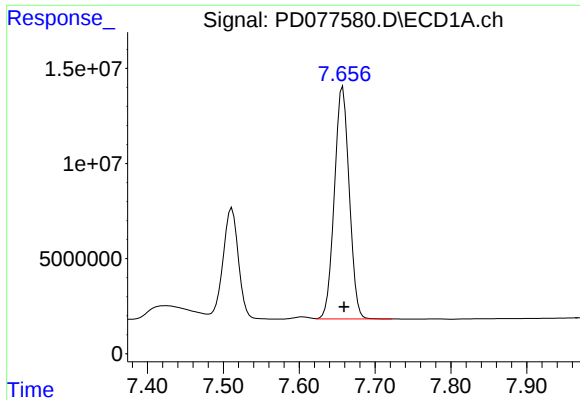
#20 Methoxychlor

R.T.: 7.511 min
Delta R.T.: 0.000 min
Response: 76111237
Conc: 49.21 ng/ml



#20 Methoxychlor

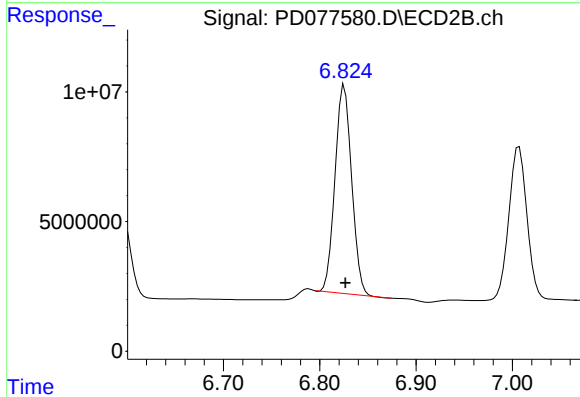
R.T.: 6.596 min
Delta R.T.: -0.001 min
Response: 40597650
Conc: 52.44 ng/ml



#21 Endrin ketone

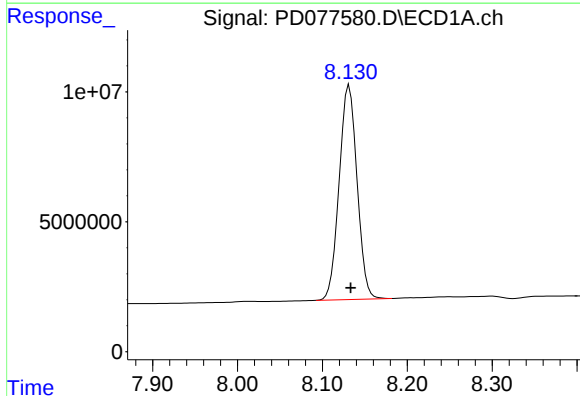
R.T.: 7.657 min
Delta R.T.: -0.002 min
Response: 166239440
Conc: 51.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



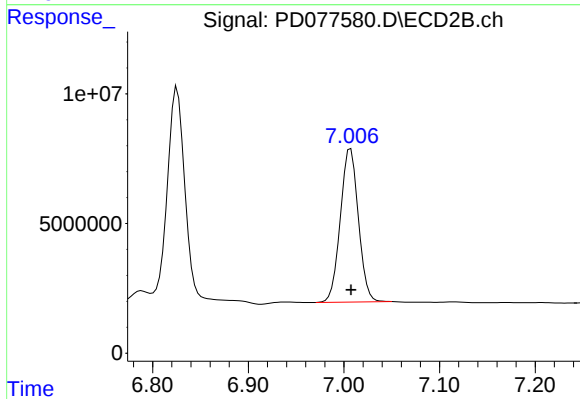
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: -0.001 min
Response: 96178653
Conc: 50.87 ng/ml



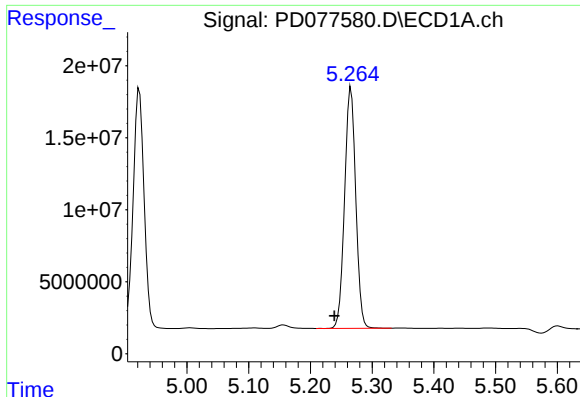
#22 Mirex

R.T.: 8.132 min
Delta R.T.: -0.002 min
Response: 120805976
Conc: 50.23 ng/ml



#22 Mirex

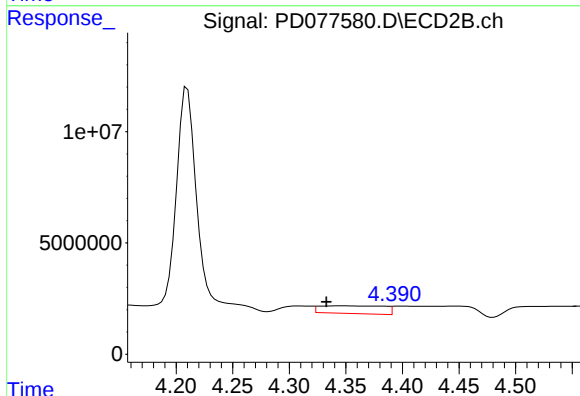
R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 77683783
Conc: 50.73 ng/ml



#24 Chlordane-2

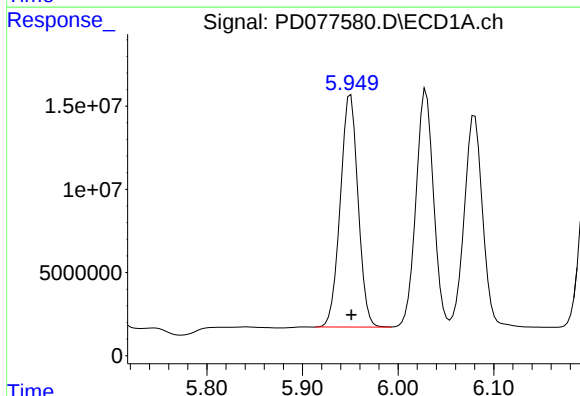
R.T.: 5.266 min
Delta R.T.: 0.027 min
Response: 209857854
Conc: 1644.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



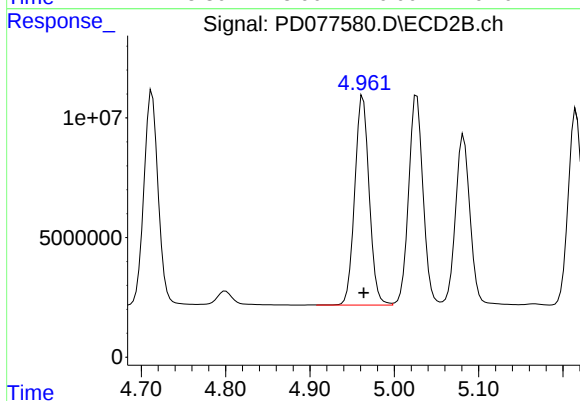
#24 Chlordane-2

R.T.: 4.348 min
Delta R.T.: 0.015 min
Response: 13529923
Conc: 212.43 ng/ml



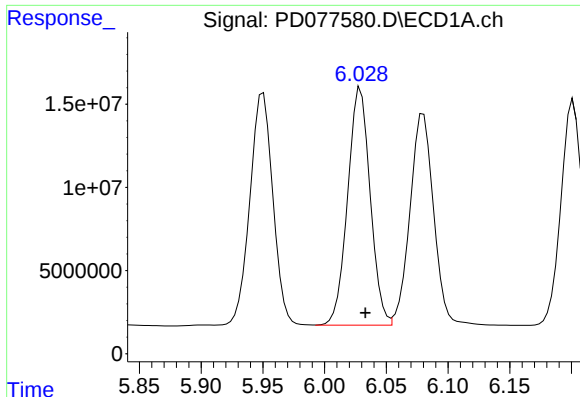
#25 Chlordane-3

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 180812832
Conc: 359.91 ng/ml



#25 Chlordane-3

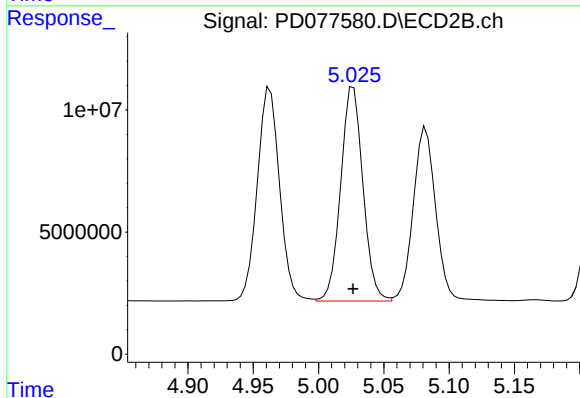
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 104107125
Conc: 530.61 ng/ml



#26 Chlordane-4

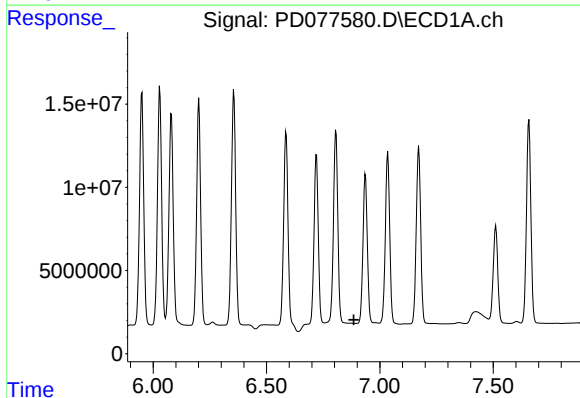
R.T.: 6.029 min
Delta R.T.: -0.004 min
Response: 181649360
Conc: 294.88 ng/ml

Instrument :
ECD_D
ClientSampleId :



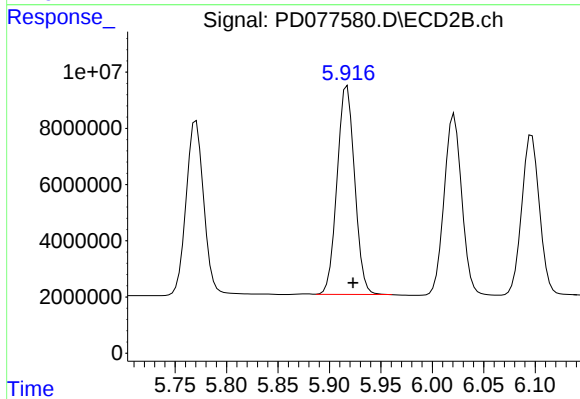
#26 Chlordane-4

R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 104076321
Conc: 550.02 ng/ml



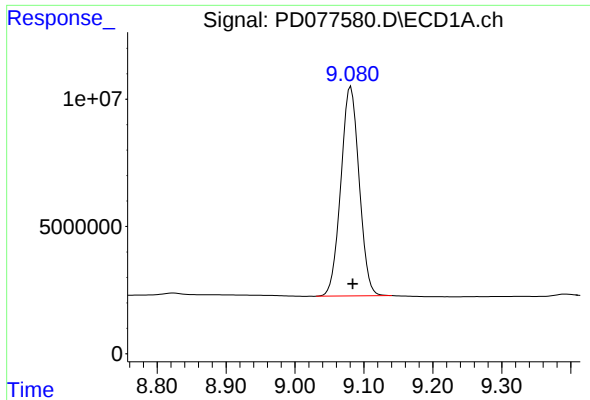
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.885 min
Response: 0
Conc: N.D.



#27 Chlordane-5

R.T.: 5.917 min
Delta R.T.: -0.006 min
Response: 88252415
Conc: 1371.71 ng/ml



#28 Decachlorobiphenyl

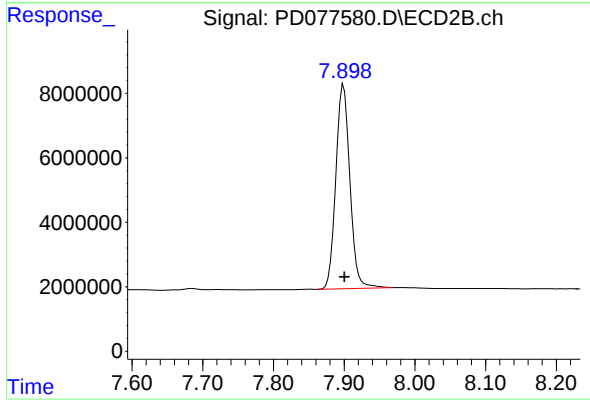
R.T.: 9.081 min

Delta R.T.: -0.003 min

Response: 152018643

Conc: 49.90 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.899 min

Delta R.T.: -0.001 min

Response: 87549411

Conc: 50.73 ng/ml