

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092423\
 Data File : PD078241.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2023 18:39
 Operator : AR\AJ
 Sample : PB155767BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

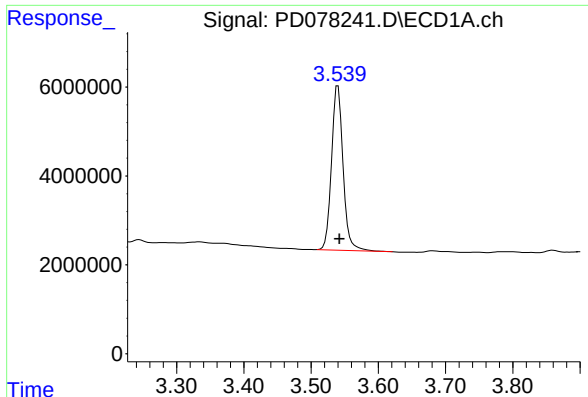
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 01:03:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 01 16:18:56 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.540	2.758	43630950	29967197	17.184	18.947
28)	SA Decachlor...	9.077	7.894	55924516	34951942	18.359	20.255
Target Compounds							
2)	A alpha-BHC	3.996	3.260	234.5E6	142.2E6	57.007	61.473
3)	MA gamma-BHC...	4.329	3.589	212.2E6	132.2E6	53.636	59.137
4)	MA Heptachlor	4.920	3.927	226.6E6	143.5E6	57.845	63.798
5)	MB Aldrin	5.263	4.207	220.0E6	134.6E6	54.697	59.074
6)	B beta-BHC	4.527	3.886	84112428	54019487	52.121	60.610
7)	B delta-BHC	4.775	4.115	193.6E6	132.0E6	52.516	60.882
8)	B Heptachlo...	5.690	4.709	188.9E6	125.1E6	52.822	61.692
9)	A Endosulfan I	6.076	5.078	182.9E6	118.4E6	55.606	63.186
10)	B gamma-Chl...	5.947	4.959	194.9E6	125.8E6	55.370	62.566
11)	B alpha-Chl...	6.026	5.023	194.1E6	124.3E6	54.539	61.686
12)	B 4,4'-DDE	6.198	5.211	188.4E6	120.8E6	58.516	66.165
13)	MA Dieldrin	6.352	5.343	190.6E6	124.9E6	53.570	61.169
14)	MA Endrin	6.582	5.618	163.1E6	115.2E6	53.765	63.584
15)	B Endosulfa...	6.803	5.912	164.2E6	102.0E6	52.984	59.603
16)	A 4,4'-DDD	6.717	5.765	142.2E6	93804196	55.495	67.127
17)	MA 4,4'-DDT	7.031	6.017	149.5E6	95702512	57.157	67.738
18)	B Endrin al...	6.933	6.093	118.0E6	80047629	49.647	59.302
19)	B Endosulfa...	7.168	6.315	145.1E6	100.4E6	51.123	62.713
20)	A Methoxychlor	7.508	6.592	76032539	49161146	49.156	63.496 #
21)	B Endrin ke...	7.655	6.821	159.3E6	111.0E6	49.028	58.712
22)	Mirex	8.129	7.002	115.3E6	85751288	47.936	56.000
24)	Chlordane-2	5.263f	4.313f	220.0E6	246573	1723.563	3.871 #
25)	Chlordane-3	5.947	4.959	194.9E6	125.8E6	387.996	641.014 #
26)	Chlordane-4	6.026	5.023	194.1E6	124.3E6	315.041	656.787 #
27)	Chlordane-5	0.000	5.912	0	102.0E6	N.D.	1585.137 #

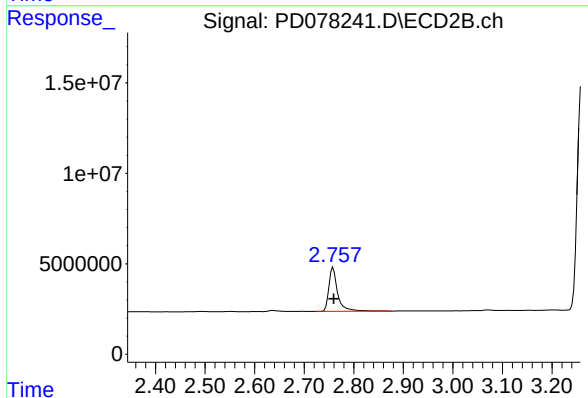
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

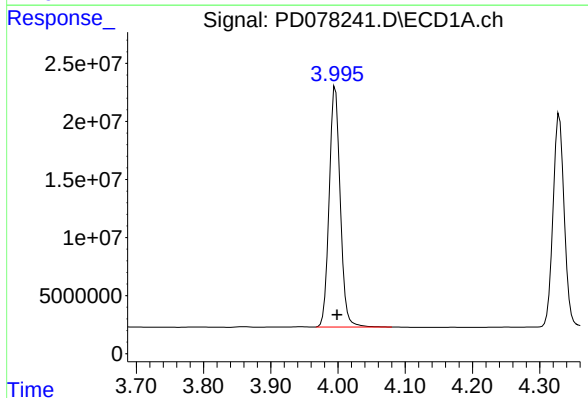
R.T.: 3.540 min
Delta R.T.: -0.002 min
Response: 43630950
Conc: 17.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



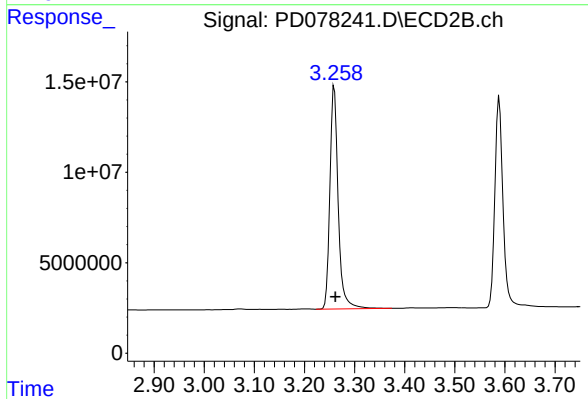
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: -0.002 min
Response: 29967197
Conc: 18.95 ng/ml



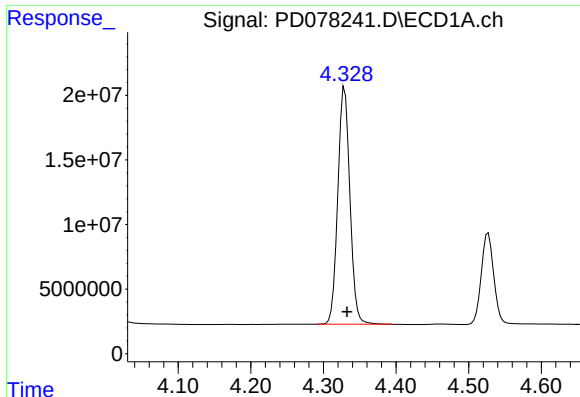
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.003 min
Response: 234533736
Conc: 57.01 ng/ml



#2 alpha-BHC

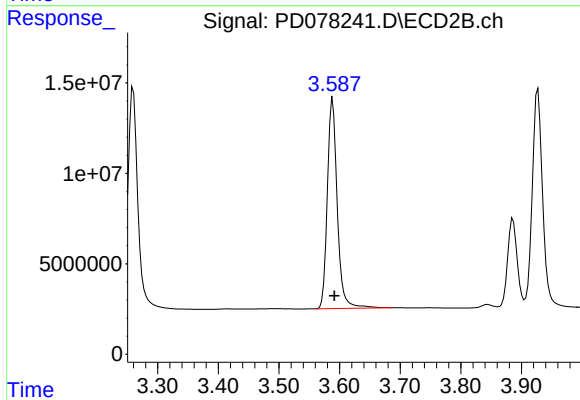
R.T.: 3.260 min
Delta R.T.: -0.002 min
Response: 142221492
Conc: 61.47 ng/ml



#3 gamma-BHC (Lindane)

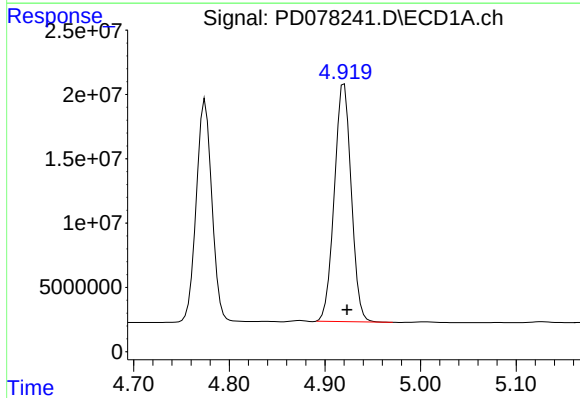
R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 212180509
Conc: 53.64 ng/ml

Instrument :
ECD_D
ClientSampleId :



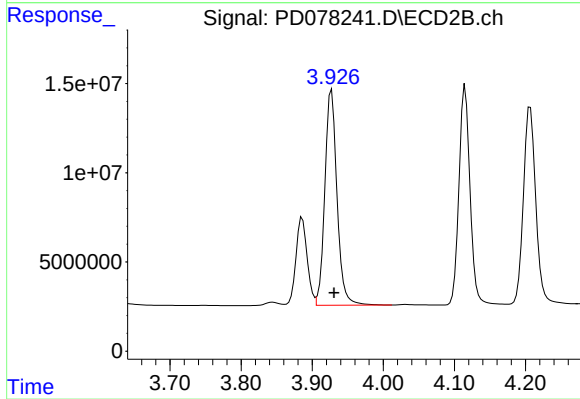
#3 gamma-BHC (Lindane)

R.T.: 3.589 min
Delta R.T.: -0.003 min
Response: 132199261
Conc: 59.14 ng/ml



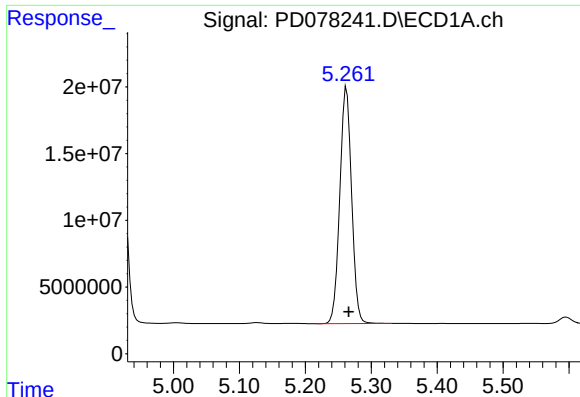
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: -0.003 min
Response: 226634259
Conc: 57.84 ng/ml



#4 Heptachlor

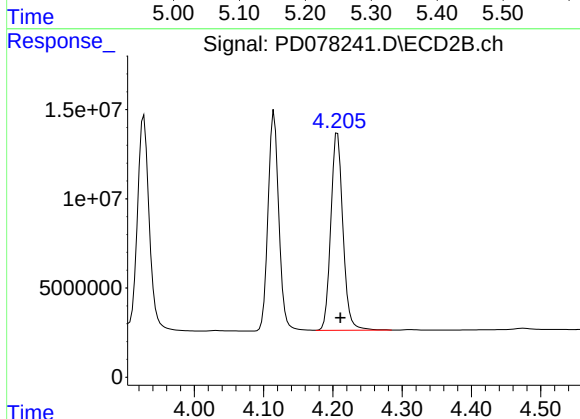
R.T.: 3.927 min
Delta R.T.: -0.004 min
Response: 143506327
Conc: 63.80 ng/ml



#5 Aldrin

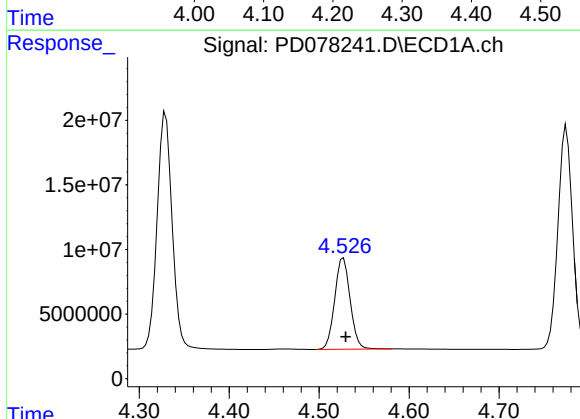
R.T.: 5.263 min
Delta R.T.: -0.003 min
Response: 219981675
Conc: 54.70 ng/ml

Instrument :
ECD_D
ClientSampleId :



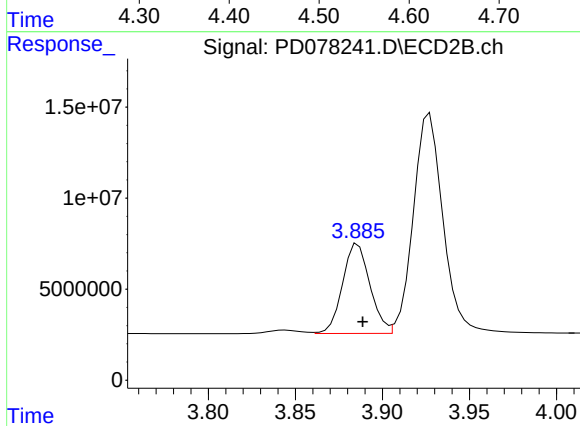
#5 Aldrin

R.T.: 4.207 min
Delta R.T.: -0.004 min
Response: 134572531
Conc: 59.07 ng/ml



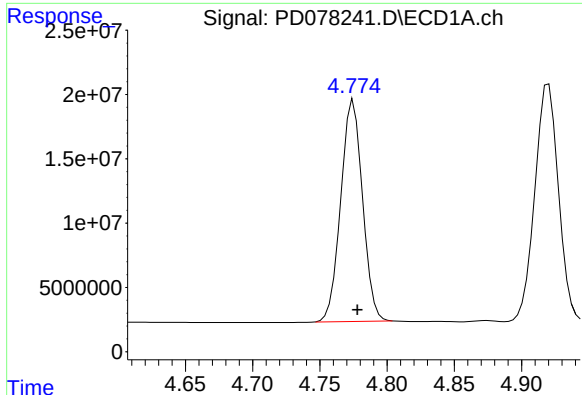
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: -0.002 min
Response: 84112428
Conc: 52.12 ng/ml



#6 beta-BHC

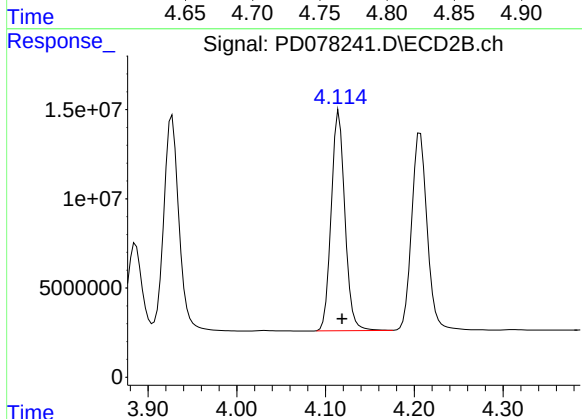
R.T.: 3.886 min
Delta R.T.: -0.003 min
Response: 54019487
Conc: 60.61 ng/ml



#7 delta-BHC

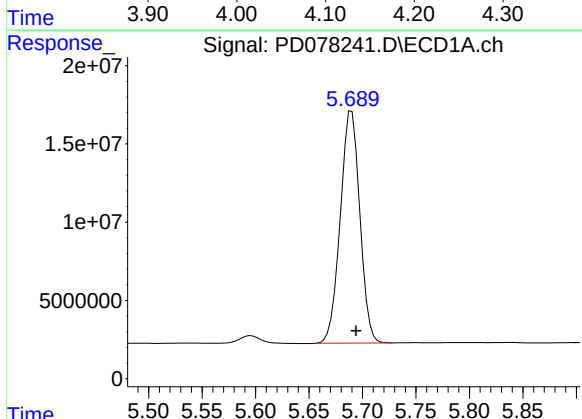
R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 193592704
Conc: 52.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



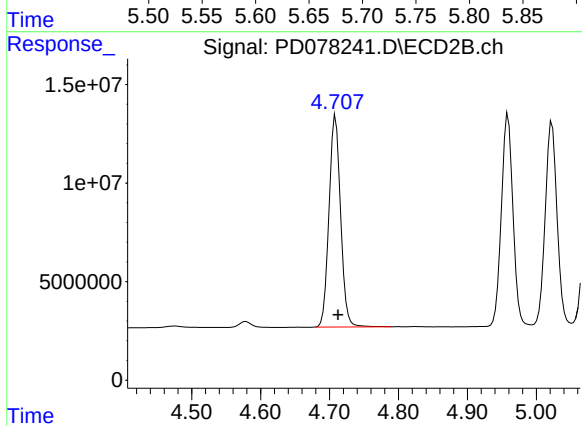
#7 delta-BHC

R.T.: 4.115 min
Delta R.T.: -0.003 min
Response: 131983786
Conc: 60.88 ng/ml



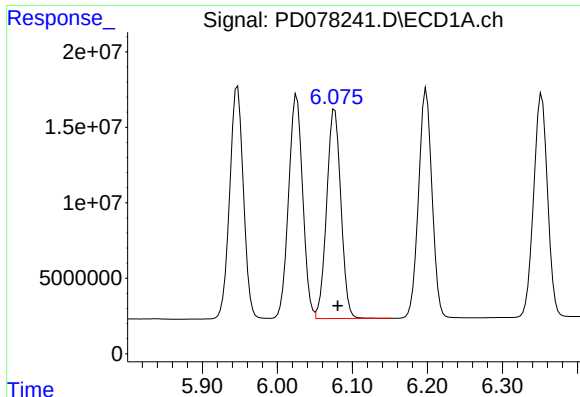
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.004 min
Response: 188870134
Conc: 52.82 ng/ml



#8 Heptachlor epoxide

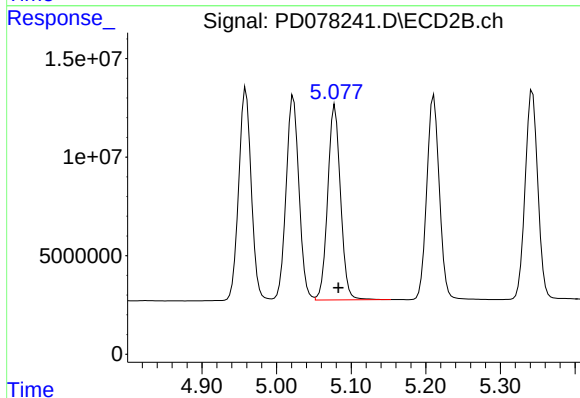
R.T.: 4.709 min
Delta R.T.: -0.004 min
Response: 125123601
Conc: 61.69 ng/ml



#9 Endosulfan I

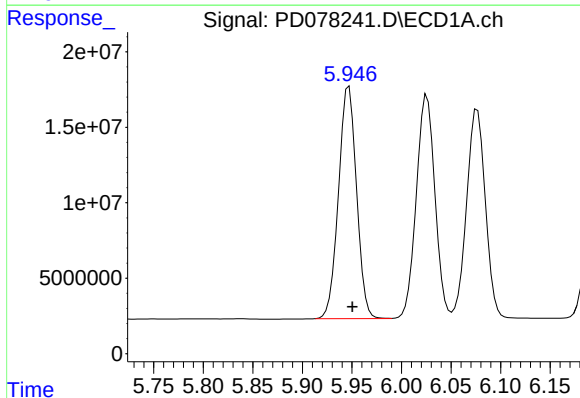
R.T.: 6.076 min
Delta R.T.: -0.004 min
Response: 182892131
Conc: 55.61 ng/ml

Instrument :
ECD_D
ClientSampleId :



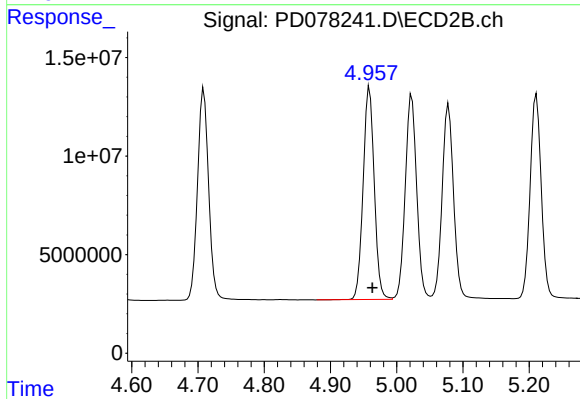
#9 Endosulfan I

R.T.: 5.078 min
Delta R.T.: -0.005 min
Response: 118356357
Conc: 63.19 ng/ml



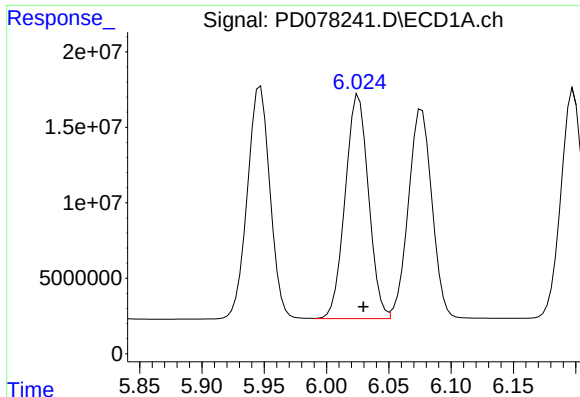
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: -0.004 min
Response: 194921321
Conc: 55.37 ng/ml



#10 gamma-Chlordane

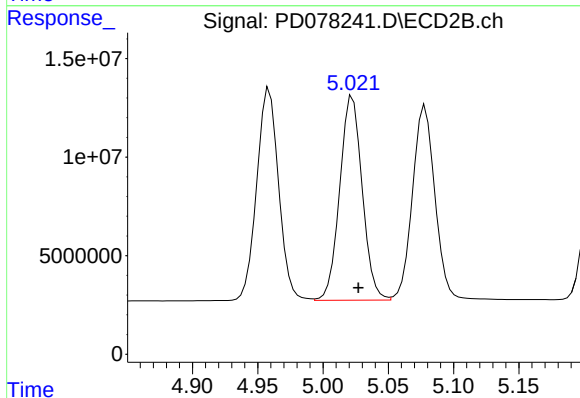
R.T.: 4.959 min
Delta R.T.: -0.004 min
Response: 125768553
Conc: 62.57 ng/ml



#11 alpha-Chlordane

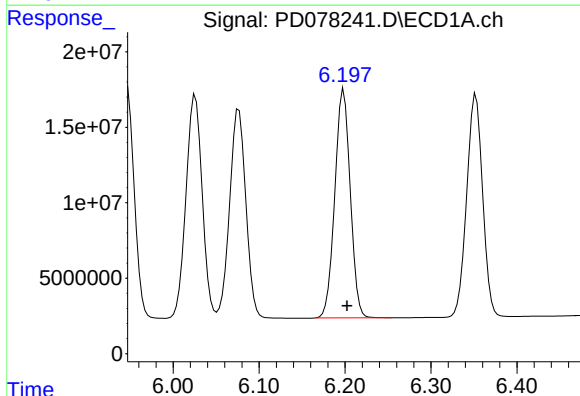
R.T.: 6.026 min
Delta R.T.: -0.004 min
Response: 194067038
Conc: 54.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



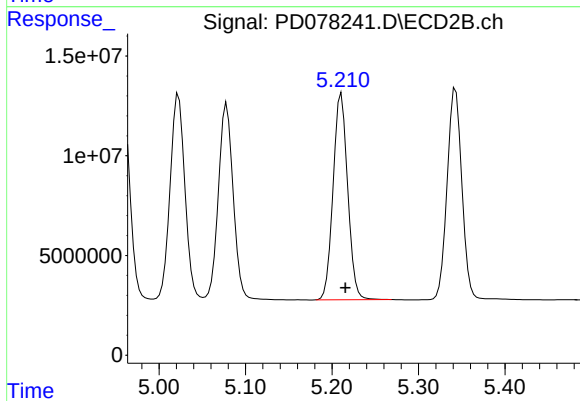
#11 alpha-Chlordane

R.T.: 5.023 min
Delta R.T.: -0.005 min
Response: 124278875
Conc: 61.69 ng/ml



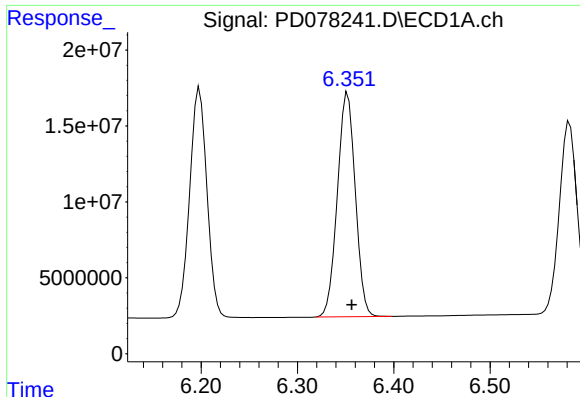
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: -0.004 min
Response: 188400574
Conc: 58.52 ng/ml



#12 4,4'-DDE

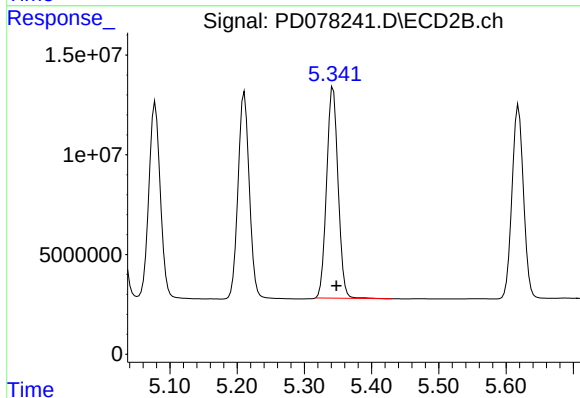
R.T.: 5.211 min
Delta R.T.: -0.005 min
Response: 120770286
Conc: 66.17 ng/ml



#13 Dieldrin

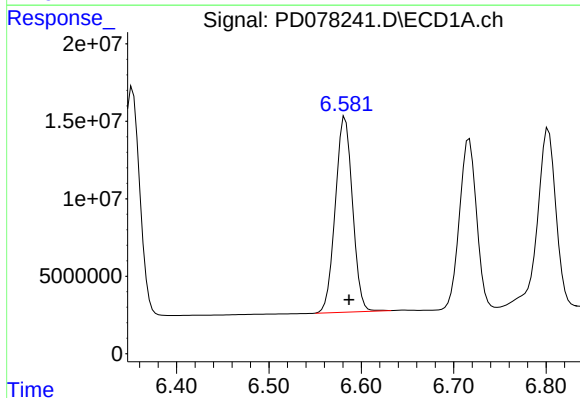
R.T.: 6.352 min
Delta R.T.: -0.004 min
Response: 190592574
Conc: 53.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



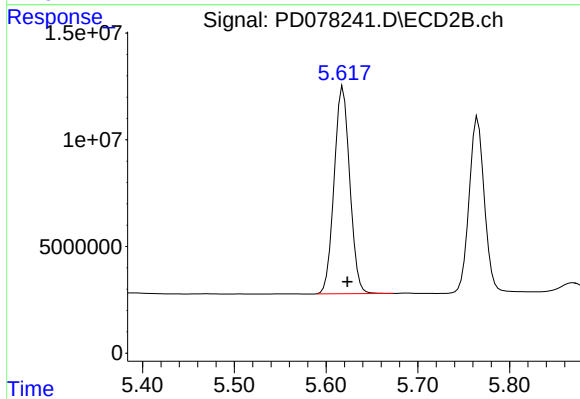
#13 Dieldrin

R.T.: 5.343 min
Delta R.T.: -0.005 min
Response: 124894900
Conc: 61.17 ng/ml



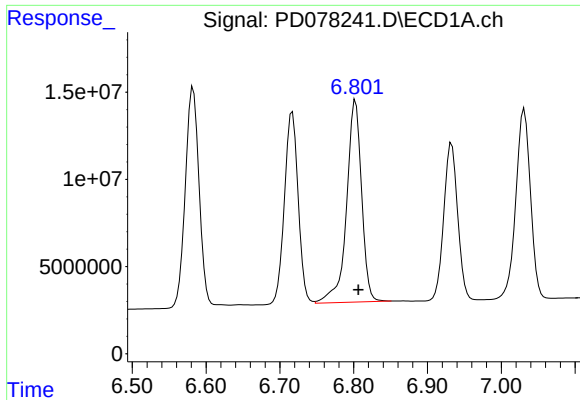
#14 Endrin

R.T.: 6.582 min
Delta R.T.: -0.004 min
Response: 163077794
Conc: 53.76 ng/ml



#14 Endrin

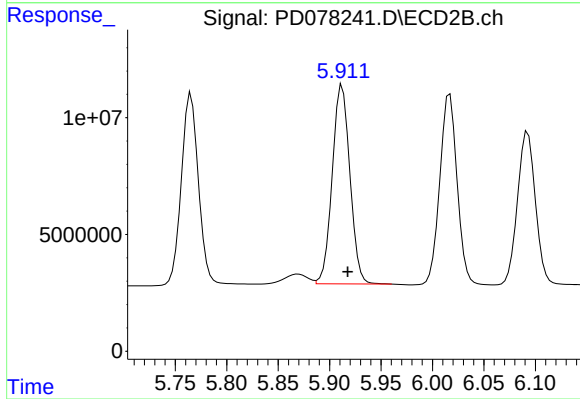
R.T.: 5.618 min
Delta R.T.: -0.005 min
Response: 115171068
Conc: 63.58 ng/ml



#15 Endosulfan II

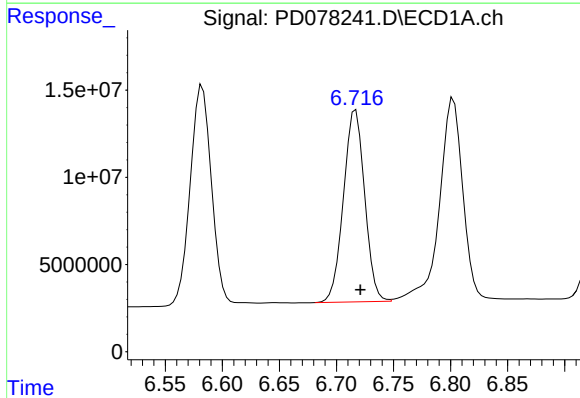
R.T.: 6.803 min
Delta R.T.: -0.004 min
Response: 164176639
Conc: 52.98 ng/ml

Instrument :
ECD_D
ClientSampleId :



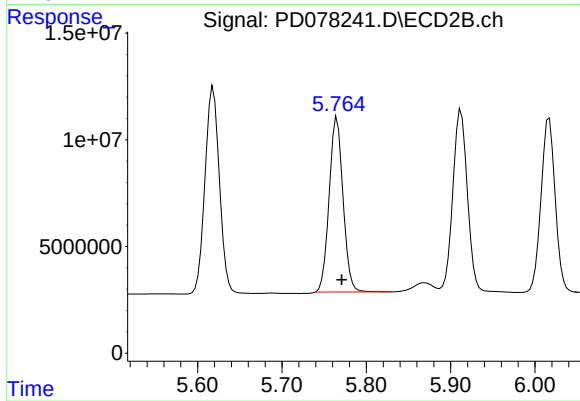
#15 Endosulfan II

R.T.: 5.912 min
Delta R.T.: -0.005 min
Response: 101984160
Conc: 59.60 ng/ml



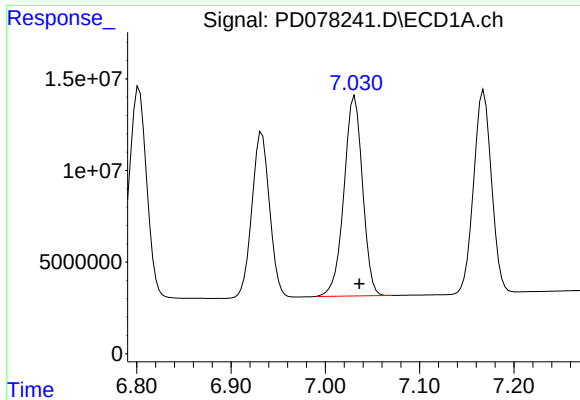
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: -0.004 min
Response: 142194108
Conc: 55.49 ng/ml



#16 4,4'-DDD

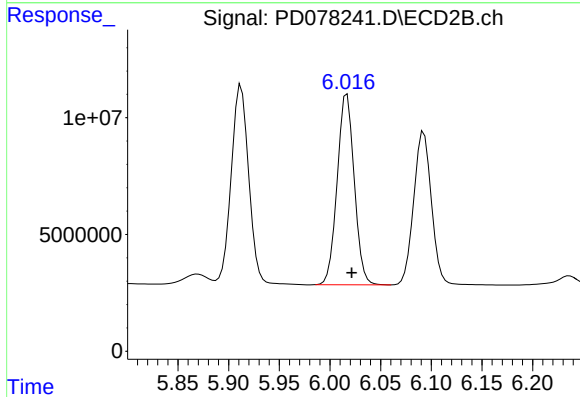
R.T.: 5.765 min
Delta R.T.: -0.006 min
Response: 93804196
Conc: 67.13 ng/ml



#17 4,4'-DDT

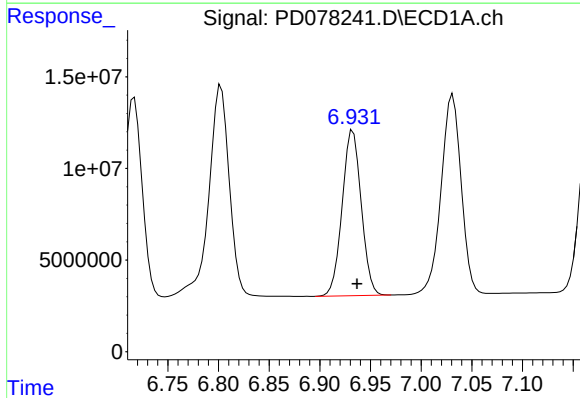
R.T.: 7.031 min
Delta R.T.: -0.005 min
Response: 149483163
Conc: 57.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



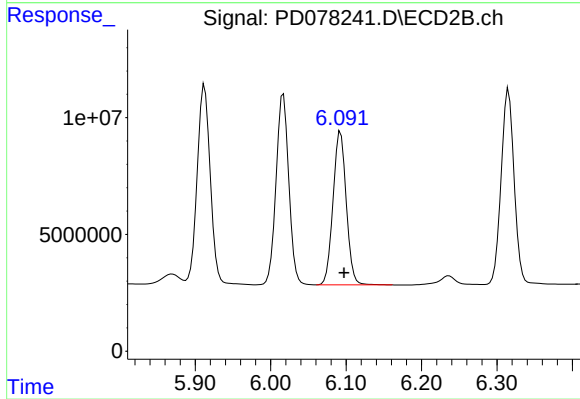
#17 4,4'-DDT

R.T.: 6.017 min
Delta R.T.: -0.005 min
Response: 95702512
Conc: 67.74 ng/ml



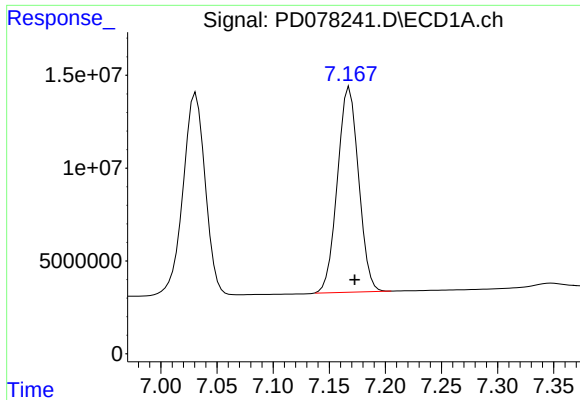
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: -0.004 min
Response: 117981632
Conc: 49.65 ng/ml



#18 Endrin aldehyde

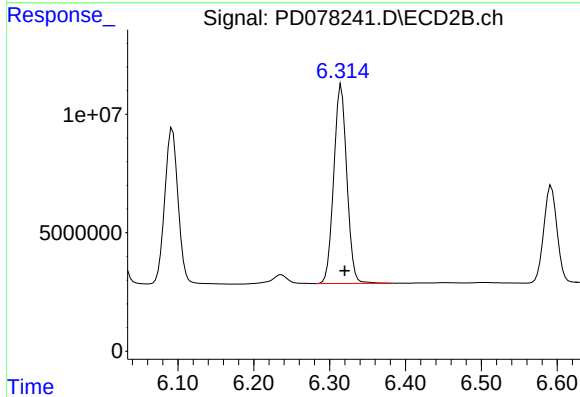
R.T.: 6.093 min
Delta R.T.: -0.004 min
Response: 80047629
Conc: 59.30 ng/ml



#19 Endosulfan Sulfate

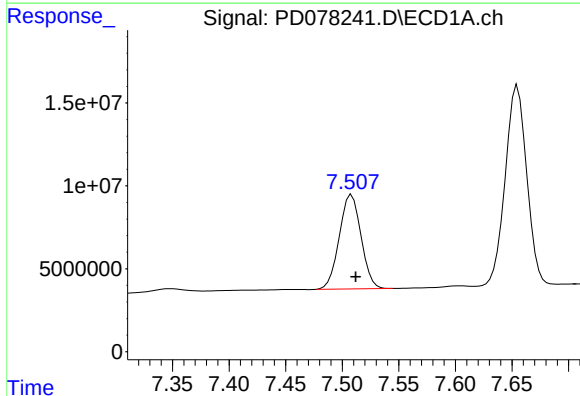
R.T.: 7.168 min
Delta R.T.: -0.005 min
Response: 145083103
Conc: 51.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



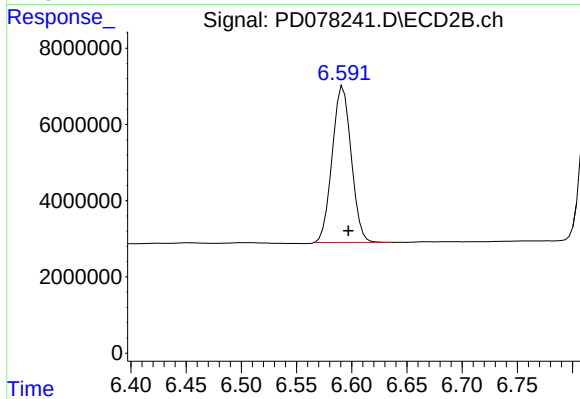
#19 Endosulfan Sulfate

R.T.: 6.315 min
Delta R.T.: -0.005 min
Response: 100417729
Conc: 62.71 ng/ml



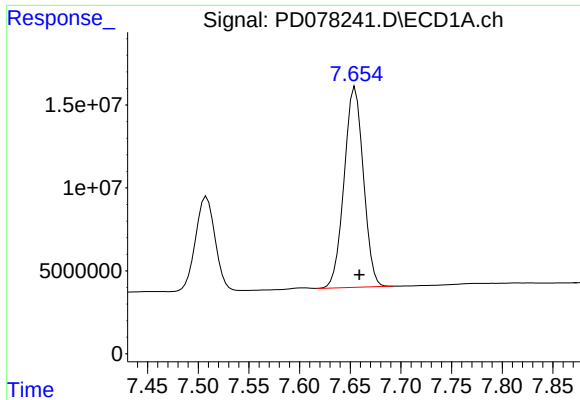
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: -0.004 min
Response: 76032539
Conc: 49.16 ng/ml



#20 Methoxychlor

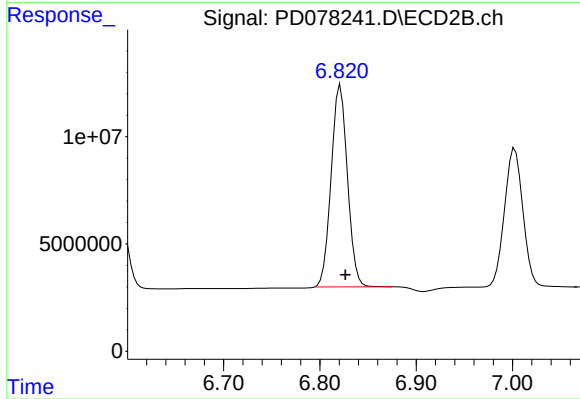
R.T.: 6.592 min
Delta R.T.: -0.005 min
Response: 49161146
Conc: 63.50 ng/ml



#21 Endrin ketone

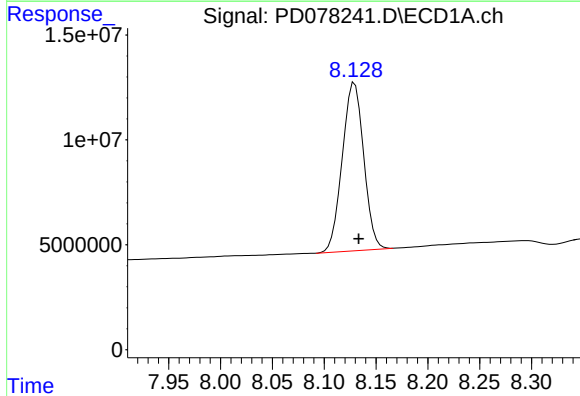
R.T.: 7.655 min
Delta R.T.: -0.004 min
Response: 159344238
Conc: 49.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



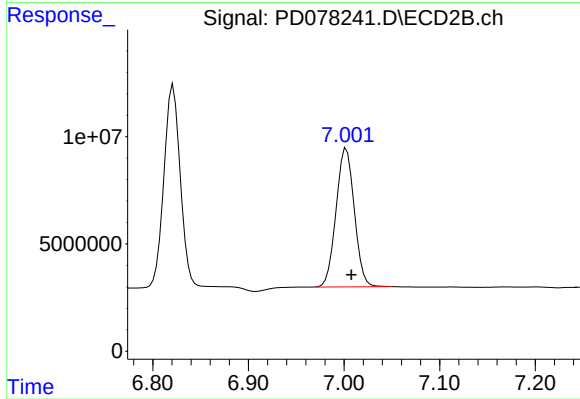
#21 Endrin ketone

R.T.: 6.821 min
Delta R.T.: -0.005 min
Response: 111009980
Conc: 58.71 ng/ml



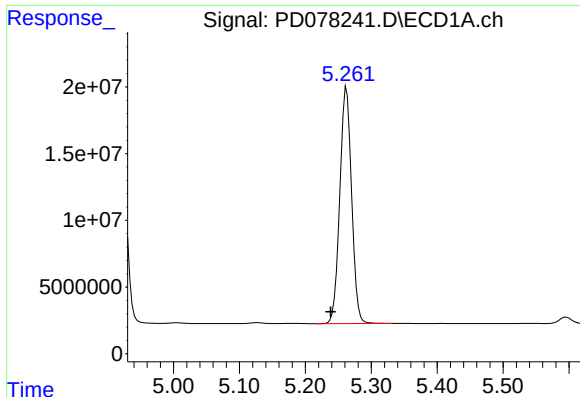
#22 Mirex

R.T.: 8.129 min
Delta R.T.: -0.004 min
Response: 115288791
Conc: 47.94 ng/ml



#22 Mirex

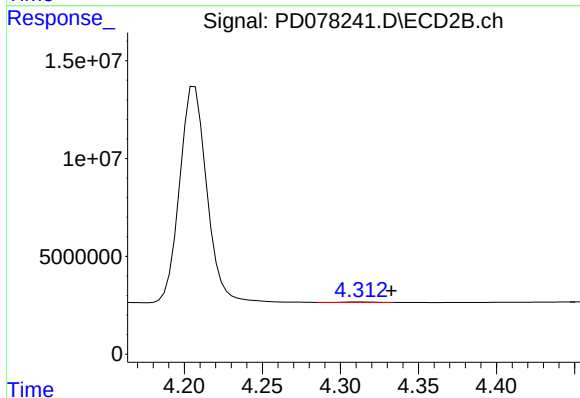
R.T.: 7.002 min
Delta R.T.: -0.005 min
Response: 85751288
Conc: 56.00 ng/ml



#24 Chlordane-2

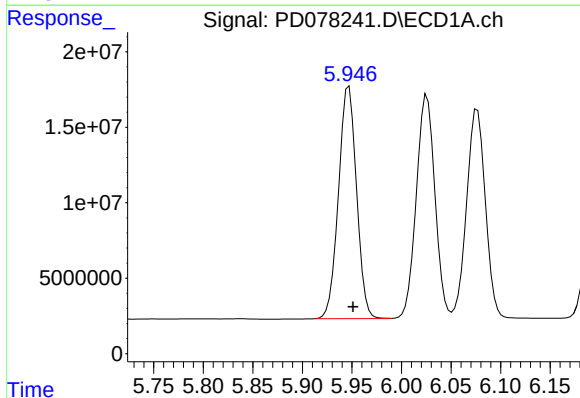
R.T.: 5.263 min
Delta R.T.: 0.024 min
Response: 219981675
Conc: 1723.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



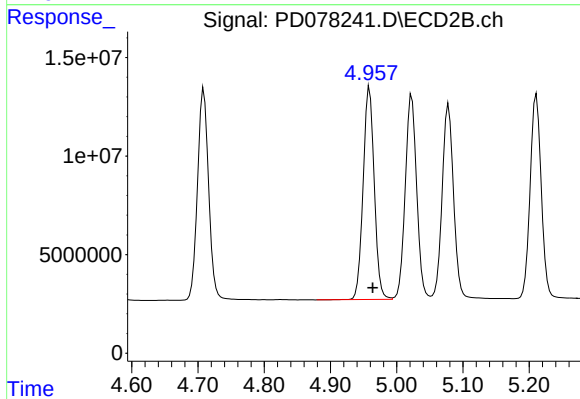
#24 Chlordane-2

R.T.: 4.313 min
Delta R.T.: -0.020 min
Response: 246573
Conc: 3.87 ng/ml



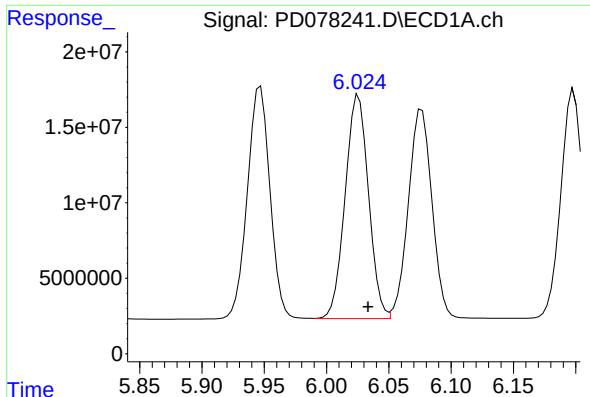
#25 Chlordane-3

R.T.: 5.947 min
Delta R.T.: -0.004 min
Response: 194921321
Conc: 388.00 ng/ml



#25 Chlordane-3

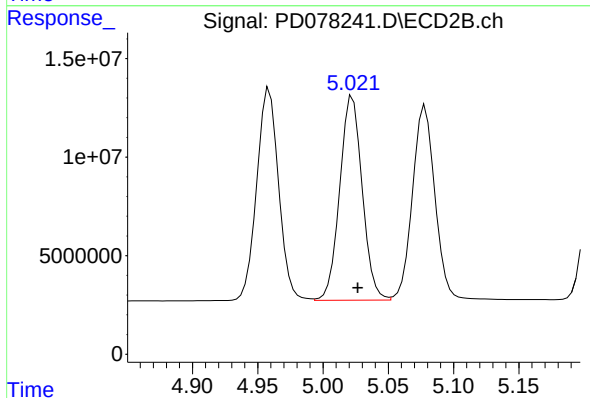
R.T.: 4.959 min
Delta R.T.: -0.005 min
Response: 125768553
Conc: 641.01 ng/ml



#26 Chlordane-4

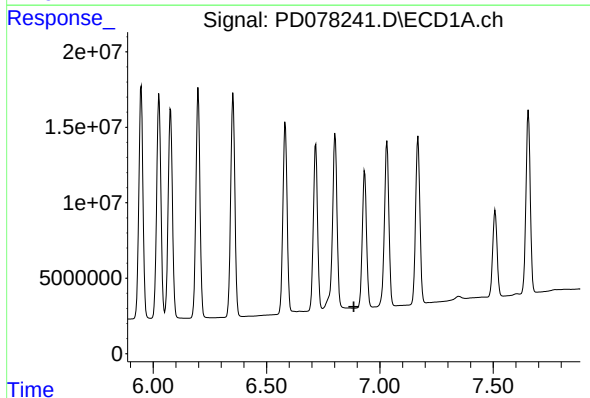
R.T.: 6.026 min
Delta R.T.: -0.007 min
Response: 194067038
Conc: 315.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



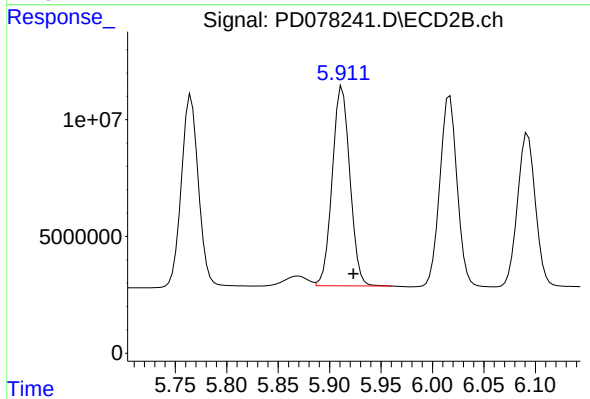
#26 Chlordane-4

R.T.: 5.023 min
Delta R.T.: -0.004 min
Response: 124278875
Conc: 656.79 ng/ml



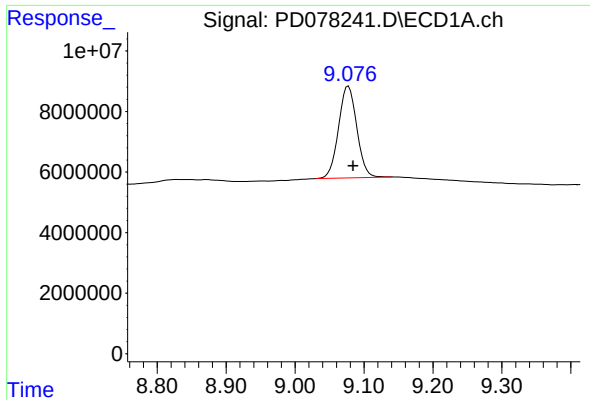
#27 Chlordane-5

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



#27 Chlordane-5

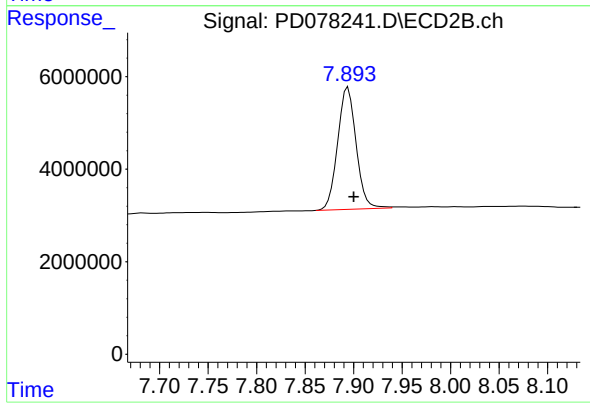
R.T.: 5.912 min
Delta R.T.: -0.011 min
Response: 101984160
Conc: 1585.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: -0.006 min
Response: 55924516
Conc: 18.36 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.894 min
Delta R.T.: -0.006 min
Response: 34951942
Conc: 20.25 ng/ml