

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082323\
 Data File : PD077355.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2023 17:03
 Operator : AR\AJ
 Sample : PB155021BD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

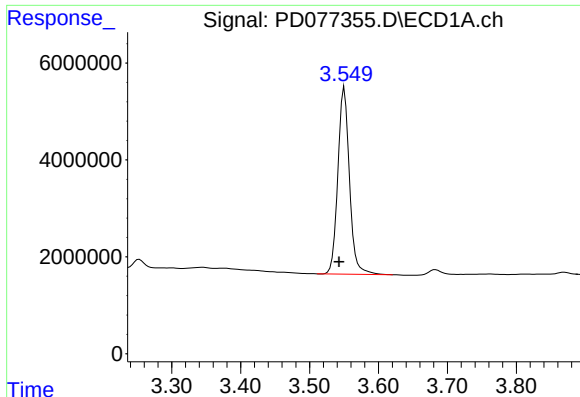
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 22:49:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 14:17:41 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.550	2.761	45003260	26334309	19.017	19.333
28)	SA Decachlor...	9.094	7.905	54527563	27318434	19.899	19.089
Target Compounds							
2)	A alpha-BHC	4.008	3.263	215.8E6	106.3E6	56.193	54.968
3)	MA gamma-BHC...	4.341	3.593	196.1E6	98681023	53.267	53.044
4)	MA Heptachlor	4.932	3.933	204.2E6	101.2E6	56.627	55.715
5)	MB Aldrin	5.275	4.213	201.0E6	97933089	54.395	52.890
6)	B beta-BHC	4.538	3.891	79042829	40612415	52.526	53.234
7)	B delta-BHC	4.787	4.120	193.3E6	95524501	55.408	53.688
8)	B Heptachlo...	5.703	4.715	176.0E6	90596435	53.140	54.176
9)	A Endosulfan I	6.090	5.086	164.6E6	84436953	54.153	54.128
10)	B gamma-Chl...	5.960	4.966	179.1E6	90801202	55.022	54.739
11)	B alpha-Chl...	6.039	5.030	176.6E6	89712434	53.852	53.721
12)	B 4,4'-DDE	6.212	5.218	162.6E6	80724262	54.812	55.665
13)	MA Dieldrin	6.366	5.350	172.0E6	89792549	52.544	53.303
14)	MA Endrin	6.597	5.627	136.6E6	77144229	49.164	52.722
15)	B Endosulfa...	6.816	5.921	136.0E6	70993994	42.745	48.163
16)	A 4,4'-DDD	6.730	5.774	130.3E6	65577806	55.365	58.969
17)	MA 4,4'-DDT	7.045	6.025	127.5E6	62379359	52.416	56.118
18)	B Endrin al...	6.946	6.101	108.6E6	57733291	49.703	50.715
19)	B Endosulfa...	7.181	6.323	131.1E6	71513665	50.336	53.620
20)	A Methoxychlor	7.521	6.601	65893312	32557381	46.506	54.449
21)	B Endrin ke...	7.667	6.831	151.0E6	83185122	50.137	52.466
22)	Mirex	8.142	7.012	110.5E6	64947249	48.466	50.160
25)	Chlordane-3	5.960	4.966	179.1E6	90801202	378.100	556.457 #
26)	Chlordane-4	6.039	5.030	176.6E6	89712434	305.289	556.904 #
27)	Chlordane-5	0.000	5.921	0	70993994	N.D.	1188.288 #

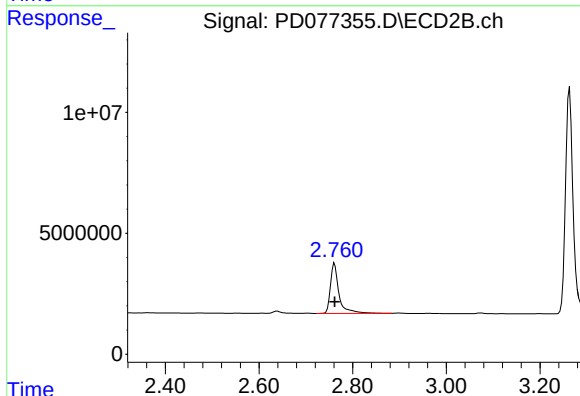
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

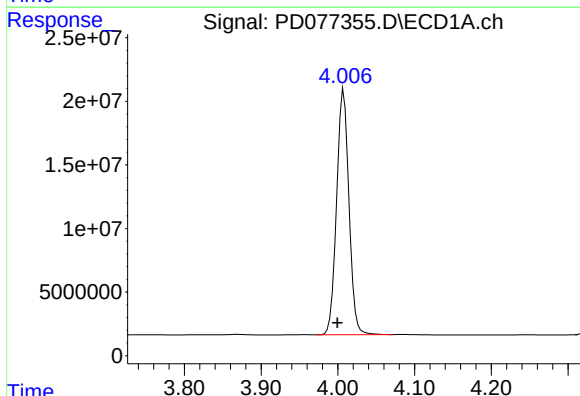
R.T.: 3.550 min
Delta R.T.: 0.007 min
Response: 45003260
Conc: 19.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



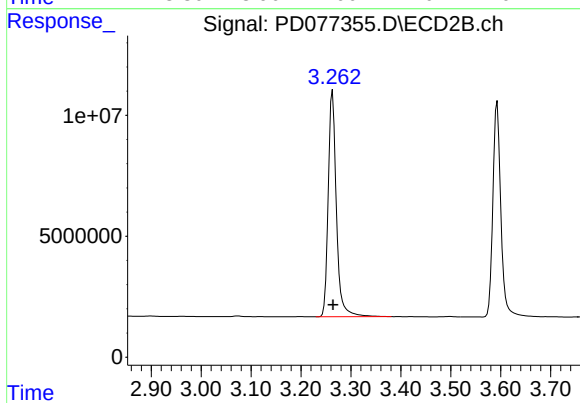
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 26334309
Conc: 19.33 ng/ml



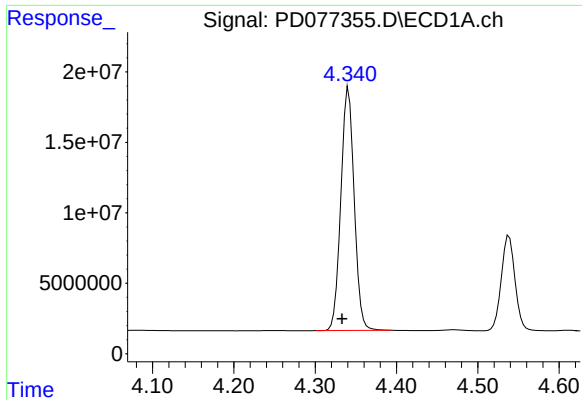
#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: 0.008 min
Response: 215765888
Conc: 56.19 ng/ml



#2 alpha-BHC

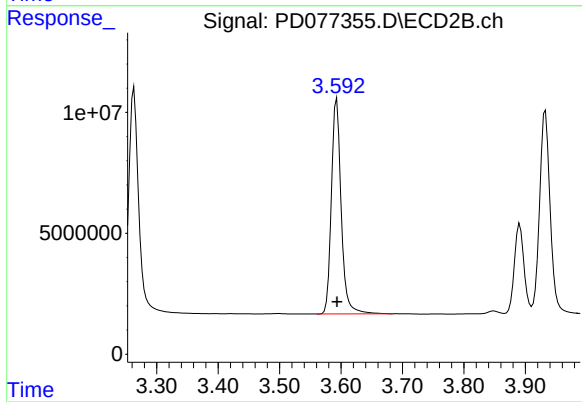
R.T.: 3.263 min
Delta R.T.: 0.000 min
Response: 106328578
Conc: 54.97 ng/ml



#3 gamma-BHC (Lindane)

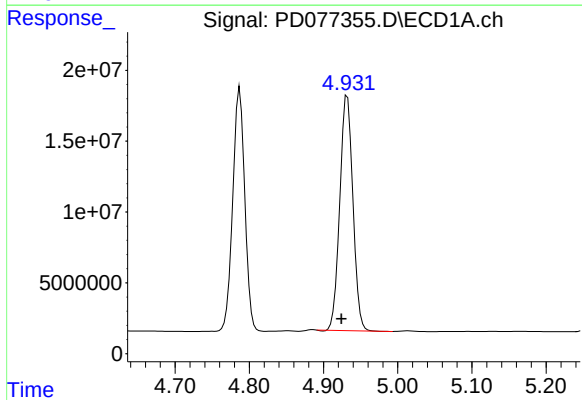
R.T.: 4.341 min
Delta R.T.: 0.008 min
Response: 196062365
Conc: 53.27 ng/ml

Instrument :
ECD_D
ClientSampleId :



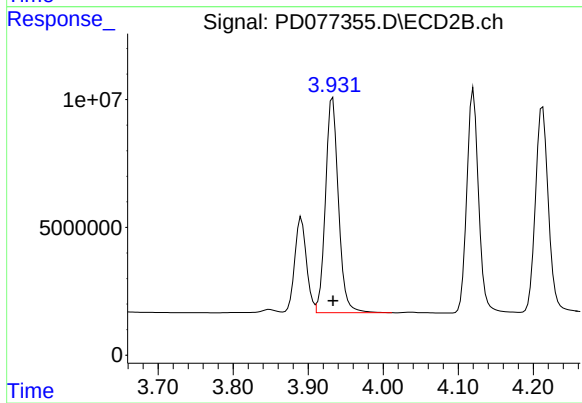
#3 gamma-BHC (Lindane)

R.T.: 3.593 min
Delta R.T.: 0.000 min
Response: 98681023
Conc: 53.04 ng/ml



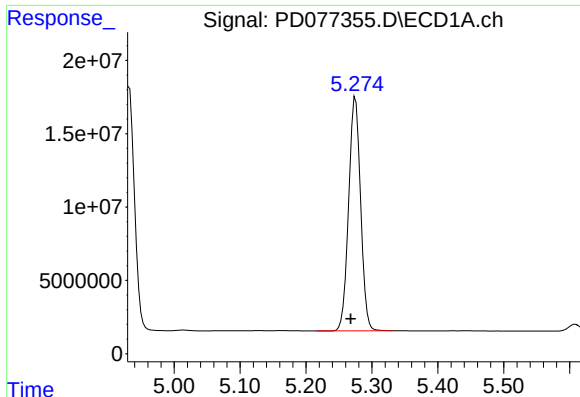
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.008 min
Response: 204198391
Conc: 56.63 ng/ml



#4 Heptachlor

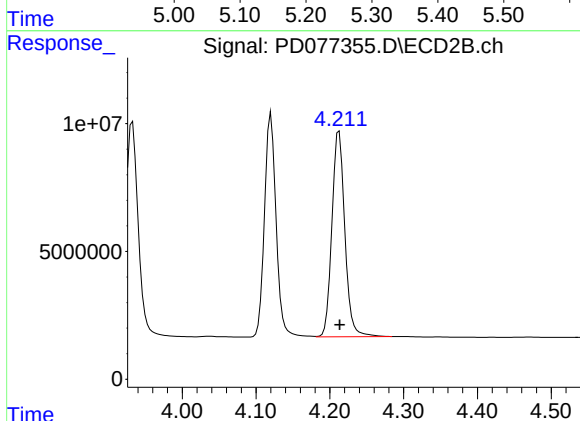
R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 101215494
Conc: 55.71 ng/ml



#5 Aldrin

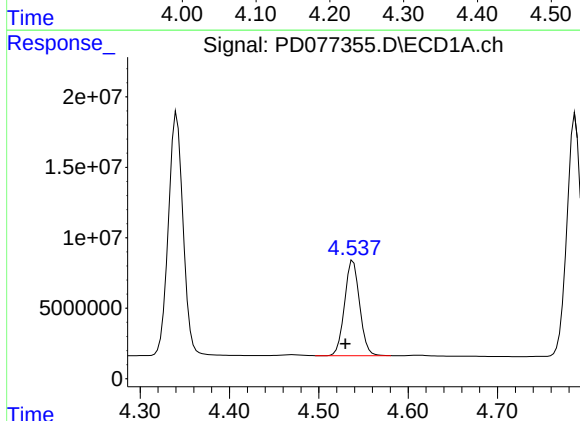
R.T.: 5.275 min
Delta R.T.: 0.007 min
Response: 201023038
Conc: 54.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



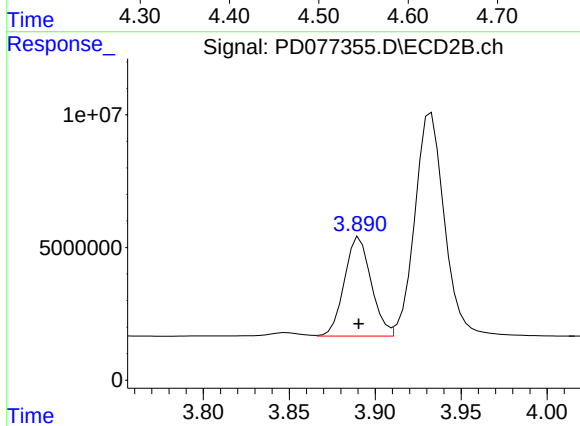
#5 Aldrin

R.T.: 4.213 min
Delta R.T.: 0.000 min
Response: 97933089
Conc: 52.89 ng/ml



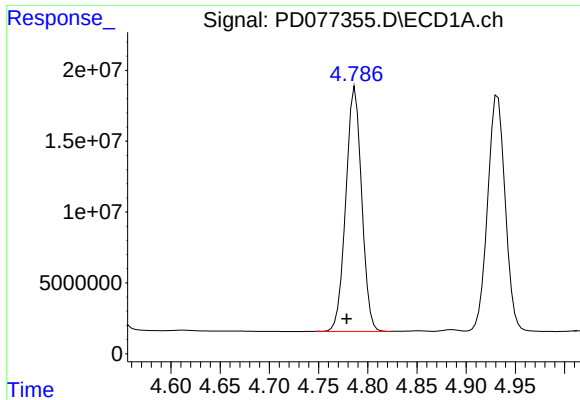
#6 beta-BHC

R.T.: 4.538 min
Delta R.T.: 0.009 min
Response: 79042829
Conc: 52.53 ng/ml



#6 beta-BHC

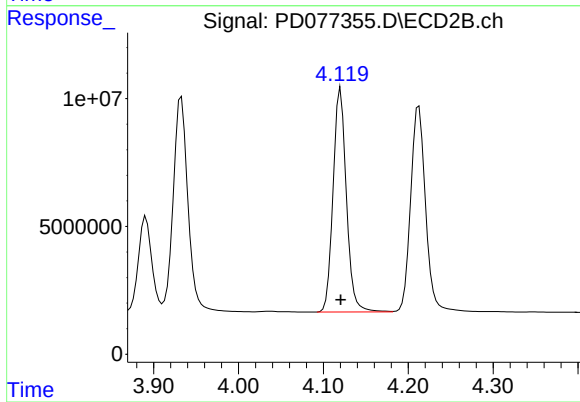
R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 40612415
Conc: 53.23 ng/ml



#7 delta-BHC

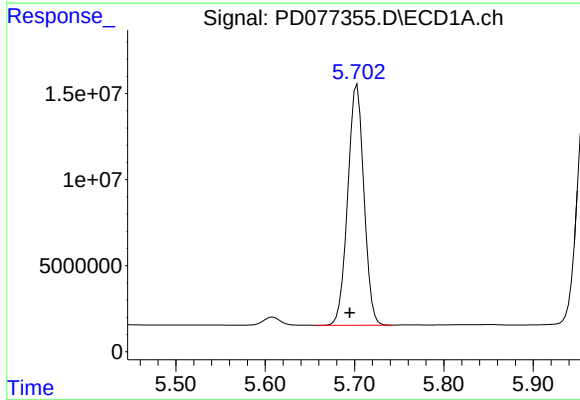
R.T.: 4.787 min
Delta R.T.: 0.009 min
Response: 193299548
Conc: 55.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



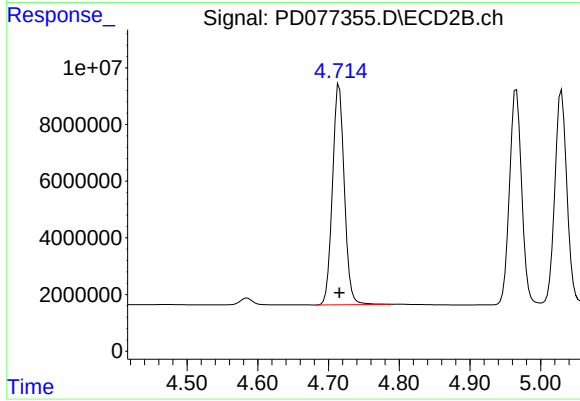
#7 delta-BHC

R.T.: 4.120 min
Delta R.T.: 0.000 min
Response: 95524501
Conc: 53.69 ng/ml



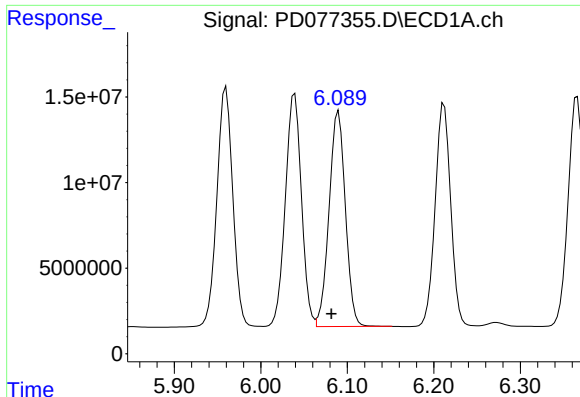
#8 Heptachlor epoxide

R.T.: 5.703 min
Delta R.T.: 0.008 min
Response: 175955720
Conc: 53.14 ng/ml



#8 Heptachlor epoxide

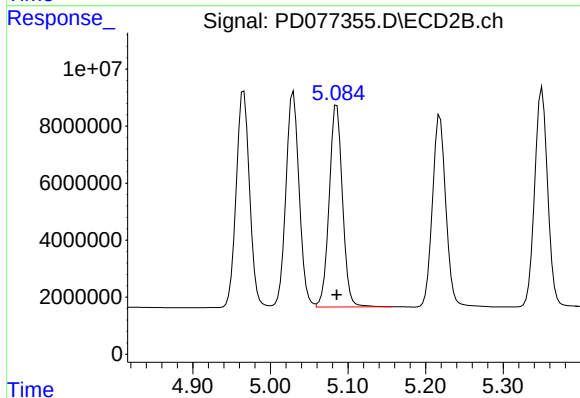
R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 90596435
Conc: 54.18 ng/ml



#9 Endosulfan I

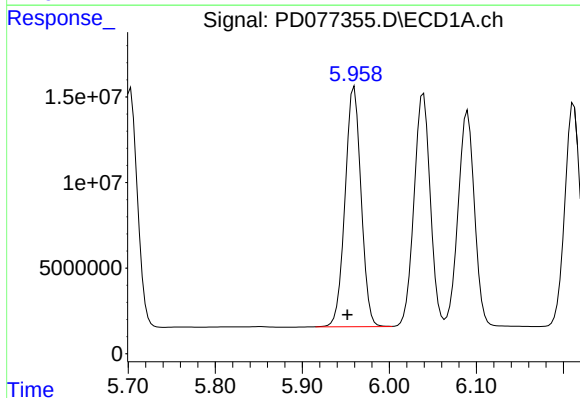
R.T.: 6.090 min
Delta R.T.: 0.008 min
Response: 164580560
Conc: 54.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



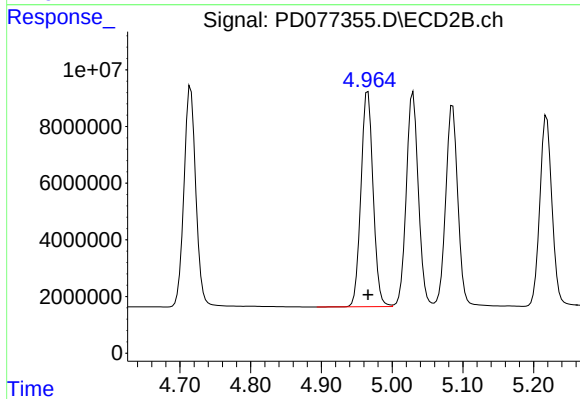
#9 Endosulfan I

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 84436953
Conc: 54.13 ng/ml



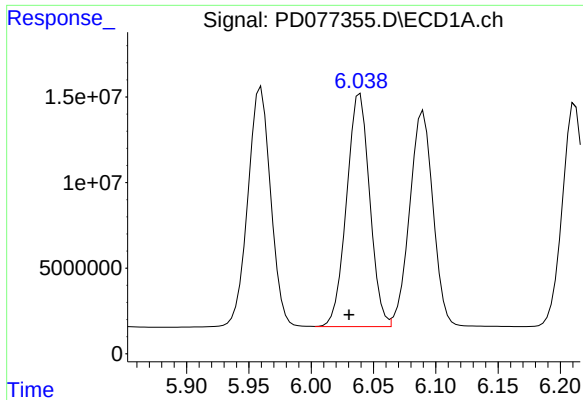
#10 gamma-Chlordane

R.T.: 5.960 min
Delta R.T.: 0.008 min
Response: 179077706
Conc: 55.02 ng/ml



#10 gamma-Chlordane

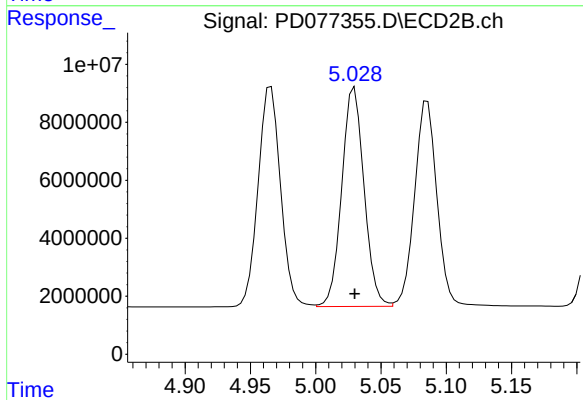
R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 90801202
Conc: 54.74 ng/ml



#11 alpha-Chlordane

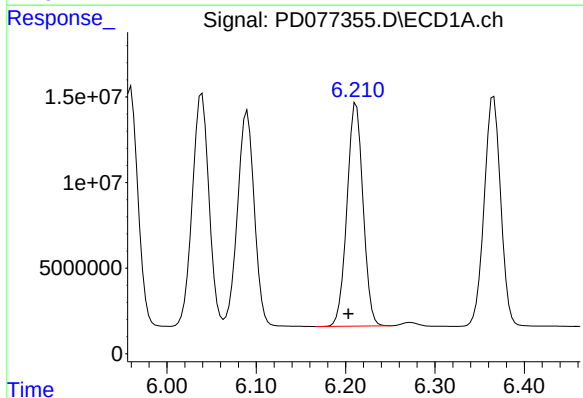
R.T.: 6.039 min
Delta R.T.: 0.009 min
Response: 176588844
Conc: 53.85 ng/ml

Instrument :
ECD_D
ClientSampleId :



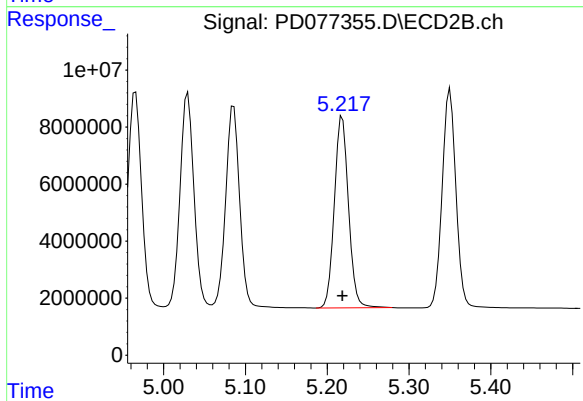
#11 alpha-Chlordane

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 89712434
Conc: 53.72 ng/ml



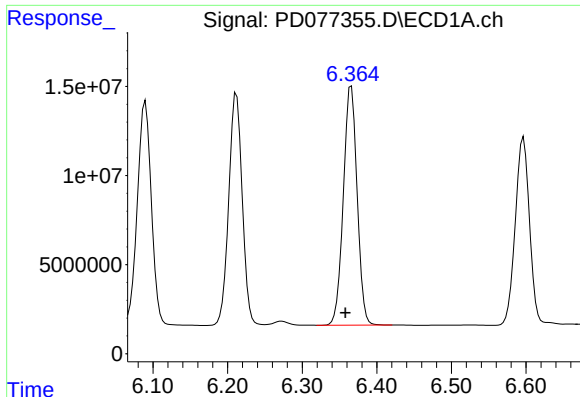
#12 4,4'-DDE

R.T.: 6.212 min
Delta R.T.: 0.009 min
Response: 162598744
Conc: 54.81 ng/ml



#12 4,4'-DDE

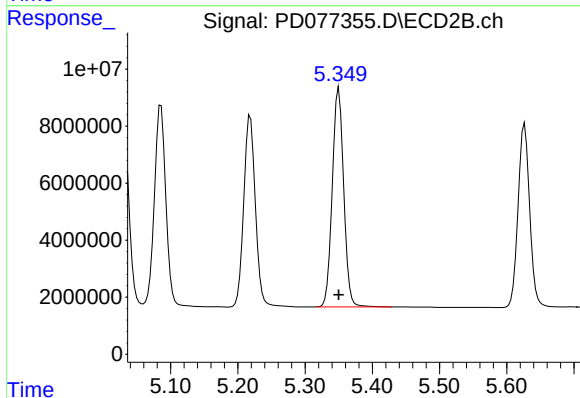
R.T.: 5.218 min
Delta R.T.: 0.000 min
Response: 80724262
Conc: 55.67 ng/ml



#13 Dieldrin

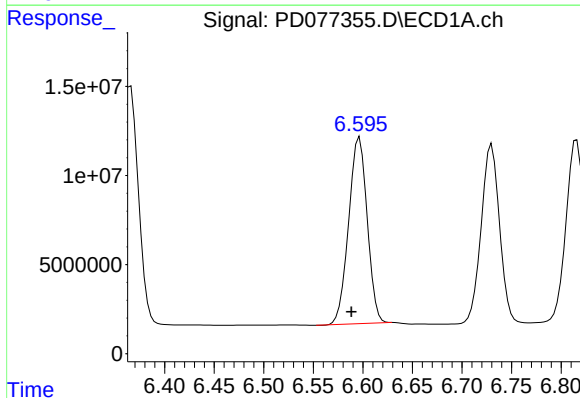
R.T.: 6.366 min
Delta R.T.: 0.008 min
Response: 172016929
Conc: 52.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



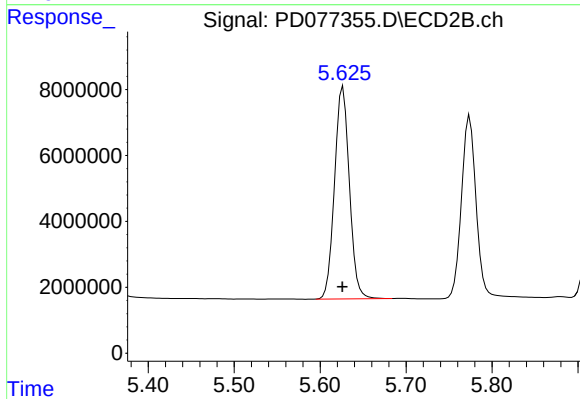
#13 Dieldrin

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 89792549
Conc: 53.30 ng/ml



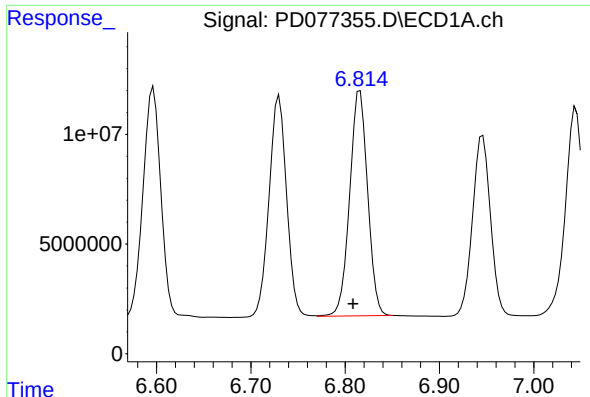
#14 Endrin

R.T.: 6.597 min
Delta R.T.: 0.008 min
Response: 136611075
Conc: 49.16 ng/ml



#14 Endrin

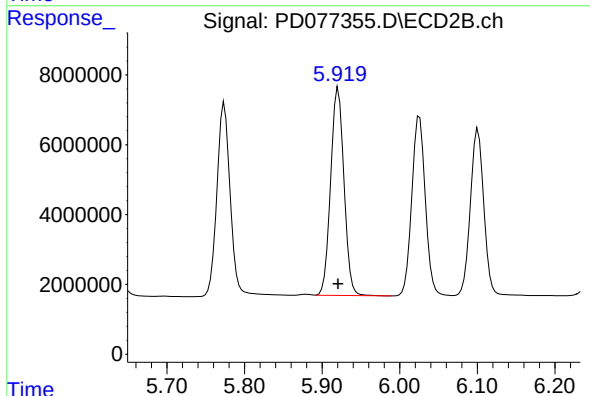
R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 77144229
Conc: 52.72 ng/ml



#15 Endosulfan II

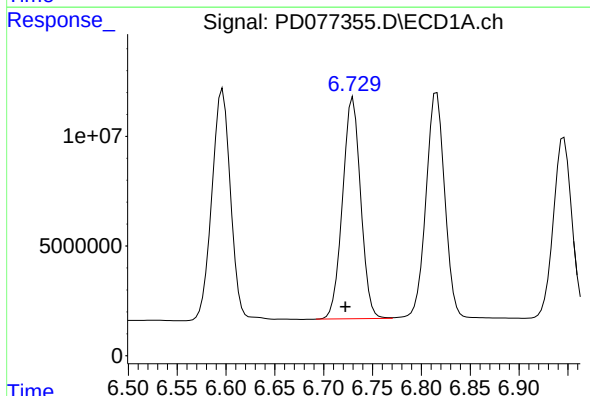
R.T.: 6.816 min
Delta R.T.: 0.007 min
Response: 136004193
Conc: 42.74 ng/ml

Instrument :
ECD_D
ClientSampleId :



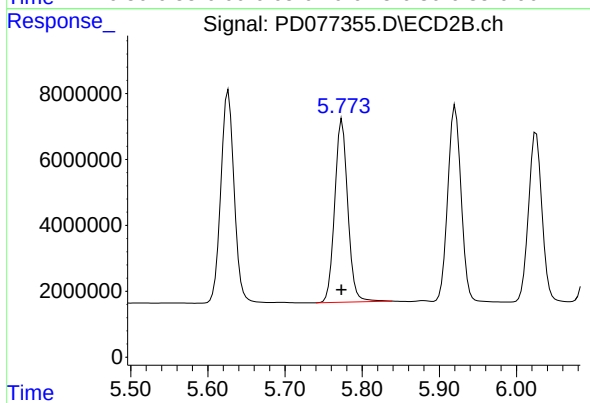
#15 Endosulfan II

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 70993994
Conc: 48.16 ng/ml



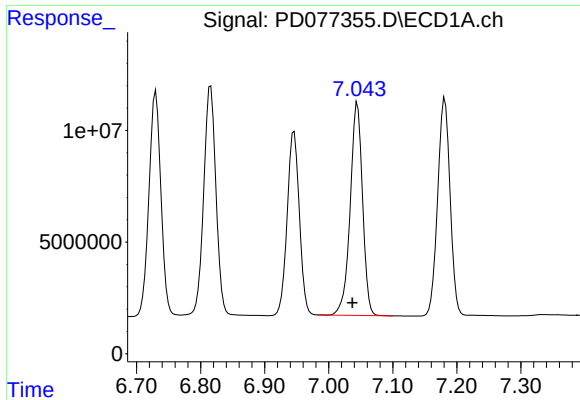
#16 4,4'-DDD

R.T.: 6.730 min
Delta R.T.: 0.008 min
Response: 130251563
Conc: 55.36 ng/ml



#16 4,4'-DDD

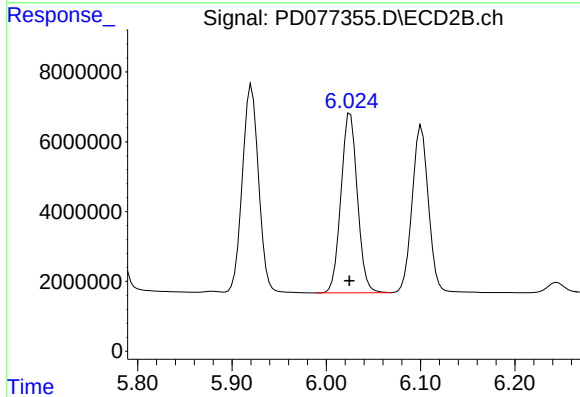
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 65577806
Conc: 58.97 ng/ml



#17 4,4'-DDT

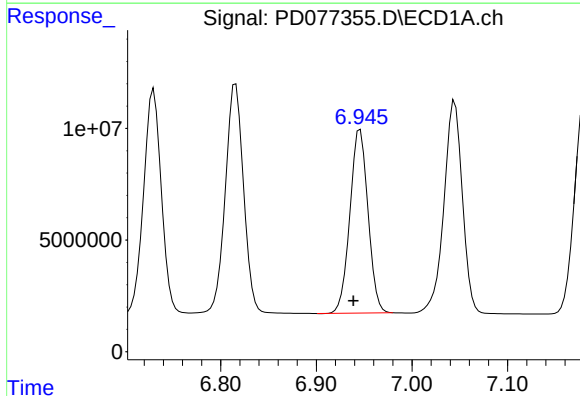
R.T.: 7.045 min
Delta R.T.: 0.008 min
Response: 127455345
Conc: 52.42 ng/ml

Instrument :
ECD_D
ClientSampleId :



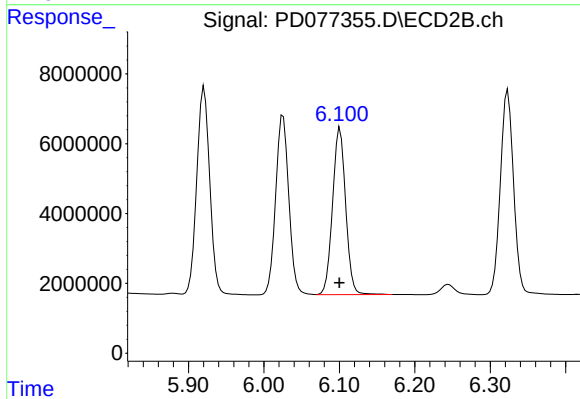
#17 4,4'-DDT

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 62379359
Conc: 56.12 ng/ml



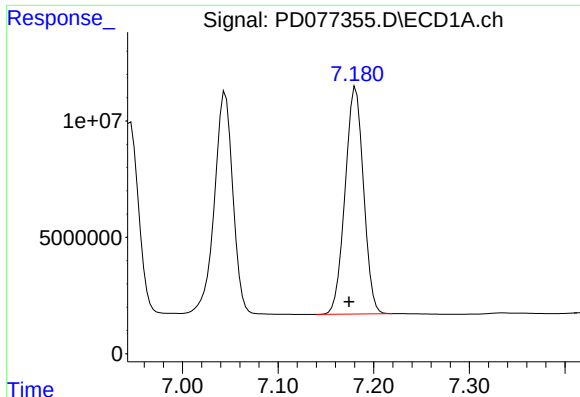
#18 Endrin aldehyde

R.T.: 6.946 min
Delta R.T.: 0.007 min
Response: 108578147
Conc: 49.70 ng/ml



#18 Endrin aldehyde

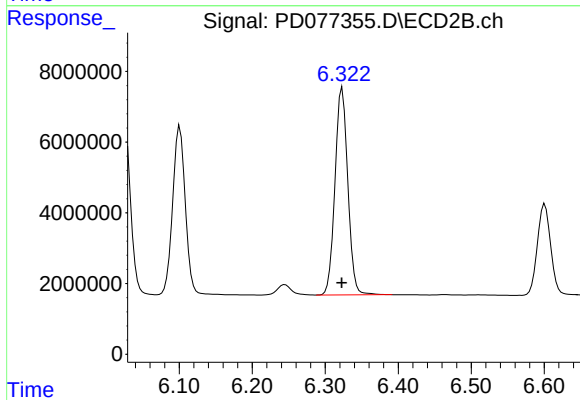
R.T.: 6.101 min
Delta R.T.: 0.001 min
Response: 57733291
Conc: 50.71 ng/ml



#19 Endosulfan Sulfate

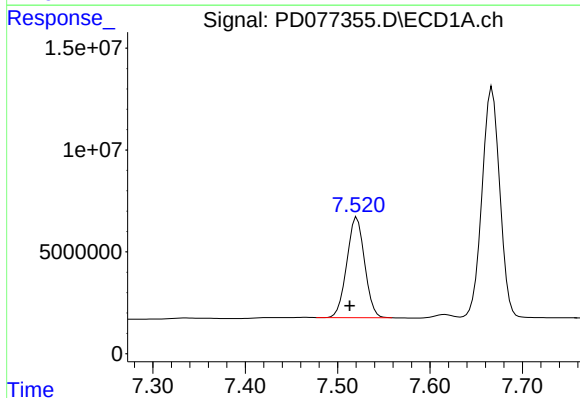
R.T.: 7.181 min
Delta R.T.: 0.007 min
Response: 131146555
Conc: 50.34 ng/ml

Instrument :
ECD_D
ClientSampleId :



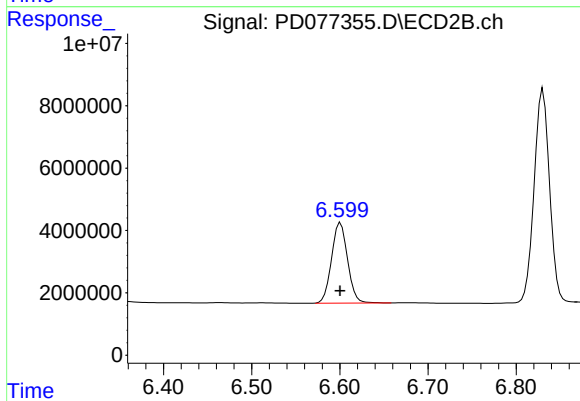
#19 Endosulfan Sulfate

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 71513665
Conc: 53.62 ng/ml



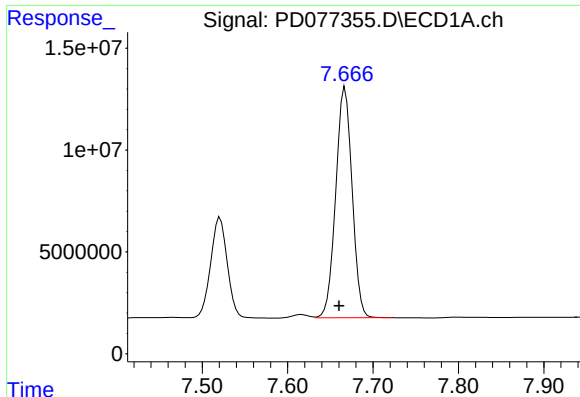
#20 Methoxychlor

R.T.: 7.521 min
Delta R.T.: 0.008 min
Response: 65893312
Conc: 46.51 ng/ml



#20 Methoxychlor

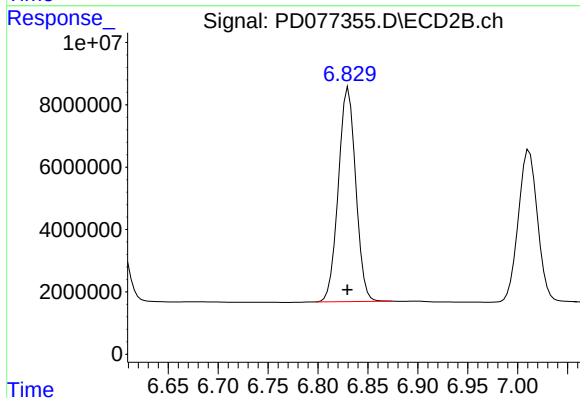
R.T.: 6.601 min
Delta R.T.: 0.000 min
Response: 32557381
Conc: 54.45 ng/ml



#21 Endrin ketone

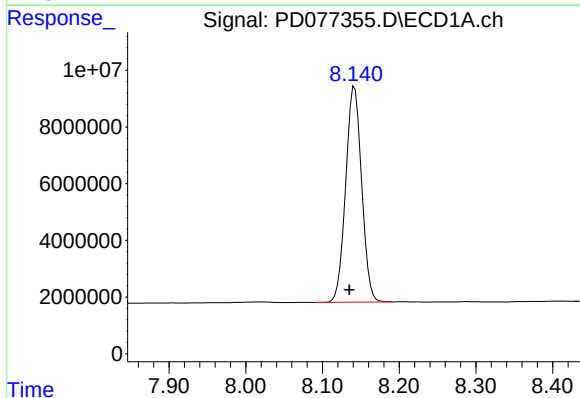
R.T.: 7.667 min
Delta R.T.: 0.007 min
Response: 150999312
Conc: 50.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



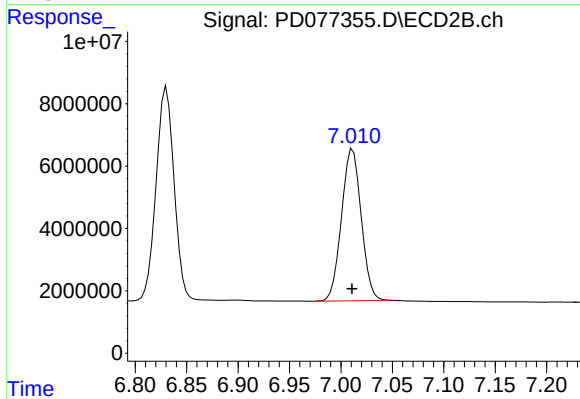
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: 0.000 min
Response: 83185122
Conc: 52.47 ng/ml



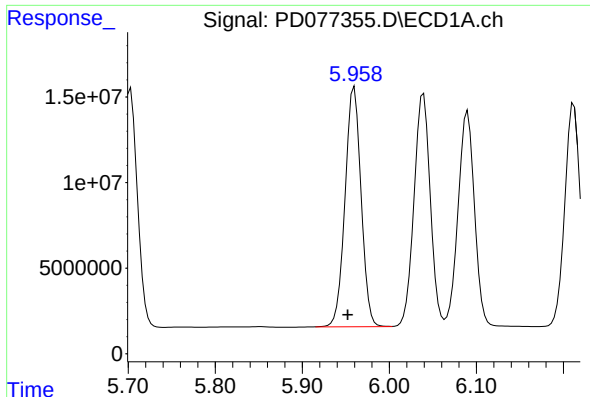
#22 Mirex

R.T.: 8.142 min
Delta R.T.: 0.007 min
Response: 110546394
Conc: 48.47 ng/ml



#22 Mirex

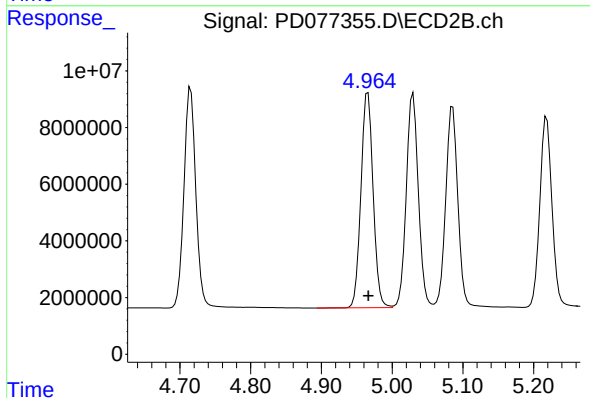
R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 64947249
Conc: 50.16 ng/ml



#25 Chlordane-3

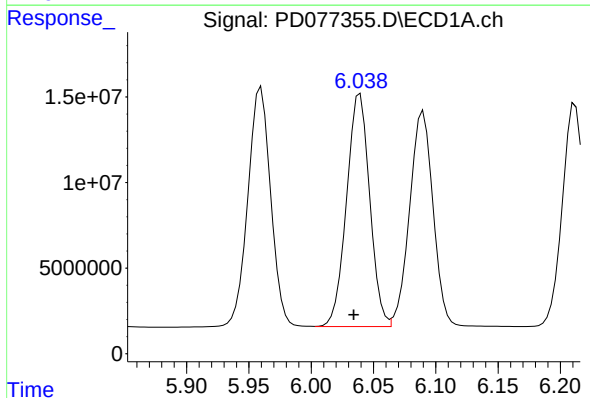
R.T.: 5.960 min
Delta R.T.: 0.008 min
Response: 179077706
Conc: 378.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



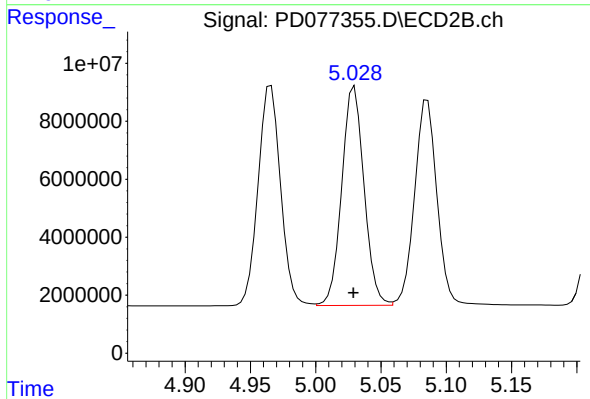
#25 Chlordane-3

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 90801202
Conc: 556.46 ng/ml



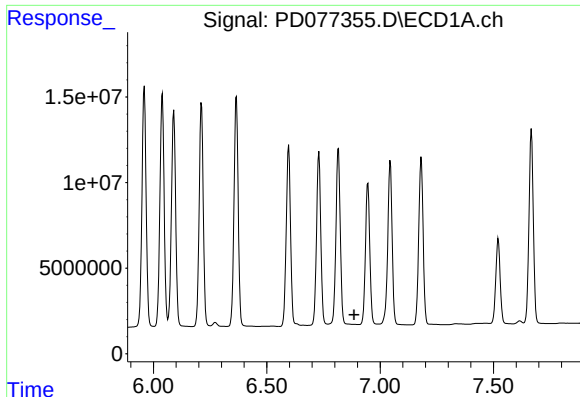
#26 Chlordane-4

R.T.: 6.039 min
Delta R.T.: 0.005 min
Response: 176588844
Conc: 305.29 ng/ml



#26 Chlordane-4

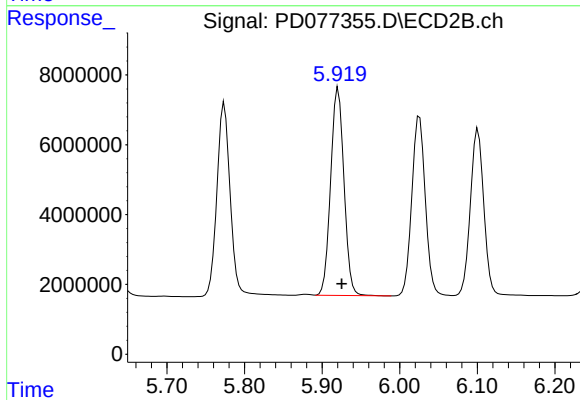
R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 89712434
Conc: 556.90 ng/ml



#27 Chlordane-5

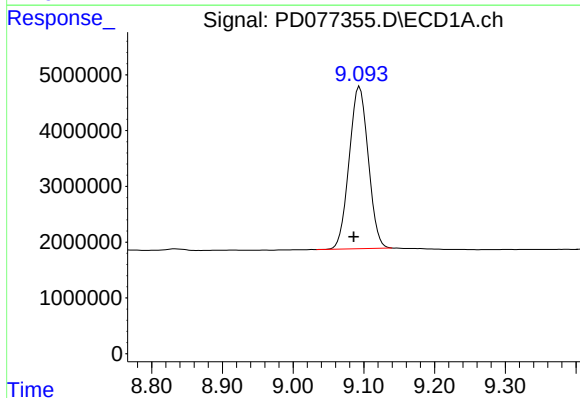
R.T.: 0.000 min
Exp R.T.: 6.886 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



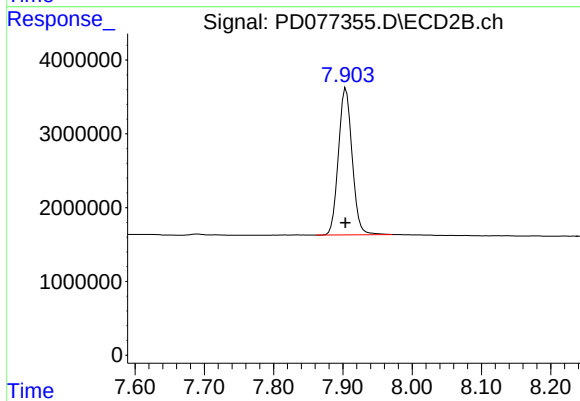
#27 Chlordane-5

R.T.: 5.921 min
Delta R.T.: -0.005 min
Response: 70993994
Conc: 1188.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.094 min
Delta R.T.: 0.008 min
Response: 54527563
Conc: 19.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 27318434
Conc: 19.09 ng/ml