

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100423\
 Data File : PD078608.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 15:16
 Operator : AR\AJ
 Sample : 04651-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 21:20:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100323.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 03 01:10:04 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...	3.541	2.759	53589484	36192219	18.564	17.721
2)	SA Decachlor...	9.080	7.894	80754506	46548052	21.775	20.514
Target Compounds							
2)	A alpha-BHC	3.997	3.259	268.6E6	164.6E6	55.307	54.910
3)	MA gamma-BHC...	4.331	3.589	247.2E6	153.1E6	52.845	52.833
4)	MA Heptachlor	4.921	3.927	256.8E6	156.8E6	54.612	53.139
5)	MB Aldrin	5.264	4.206	244.7E6	156.0E6	50.659	52.594
6)	B beta-BHC	4.529	3.886	97379754	61232199	52.431	52.981
7)	B delta-BHC	4.777	4.115	250.6E6	154.1E6	55.643	53.873
8)	B Heptachlo...	5.691	4.708	233.3E6	143.0E6	55.549	52.907
9)	A Endosulfan I	6.078	5.078	216.8E6	119.6E6	55.504	47.568
10)	B gamma-Chl...	5.948	4.958	248.0E6	144.8E6	59.059	53.896
11)	B alpha-Chl...	6.027	5.022	232.7E6	142.8E6	55.227	53.170
12)	B 4,4'-DDE	6.200	5.211	217.8E6	146.3E6	54.416	57.500
13)	MA Dieldrin	6.354	5.343	226.8E6	148.2E6	54.062	53.093
14)	MA Endrin	6.585	5.619	192.0E6	142.3E6	57.174	57.494
15)	B Endosulfa...	6.805	5.913	180.8E6	120.6E6	50.220	50.676
16)	A 4,4'-DDD	6.719	5.766	173.0E6	114.9E6	58.125	58.057
17)	MA 4,4'-DDT	7.034	6.017	181.3E6	116.5E6	61.258	57.252
18)	B Endrin al...	6.935	6.092	132.9E6	94778518	49.733	51.125
19)	B Endosulfa...	7.171	6.315	174.6E6	121.4E6	54.350	54.714
20)	A Methoxychlor	7.510	6.592	90066441	60500891	53.967	55.453
21)	B Endrin ke...	7.657	6.822	198.1E6	132.5E6	55.130	50.483
22)	Mirex	8.130	7.002	189.4E6	105.4E6	70.926	51.721 #
23)	Chlordane-1	0.000	3.767	0	1591562	N.D.	21.882 #
24)	Chlordane-2	5.264f	4.342	244.7E6	12185469	1716.184	157.354 #
25)	Chlordane-3	5.948	4.958	248.0E6	144.8E6	423.903	562.141 #
26)	Chlordane-4	6.027	5.022	232.7E6	142.8E6	328.882	568.505 #
27)	Chlordane-5	6.880	5.913	-121140	120.6E6	N.D.	1403.897

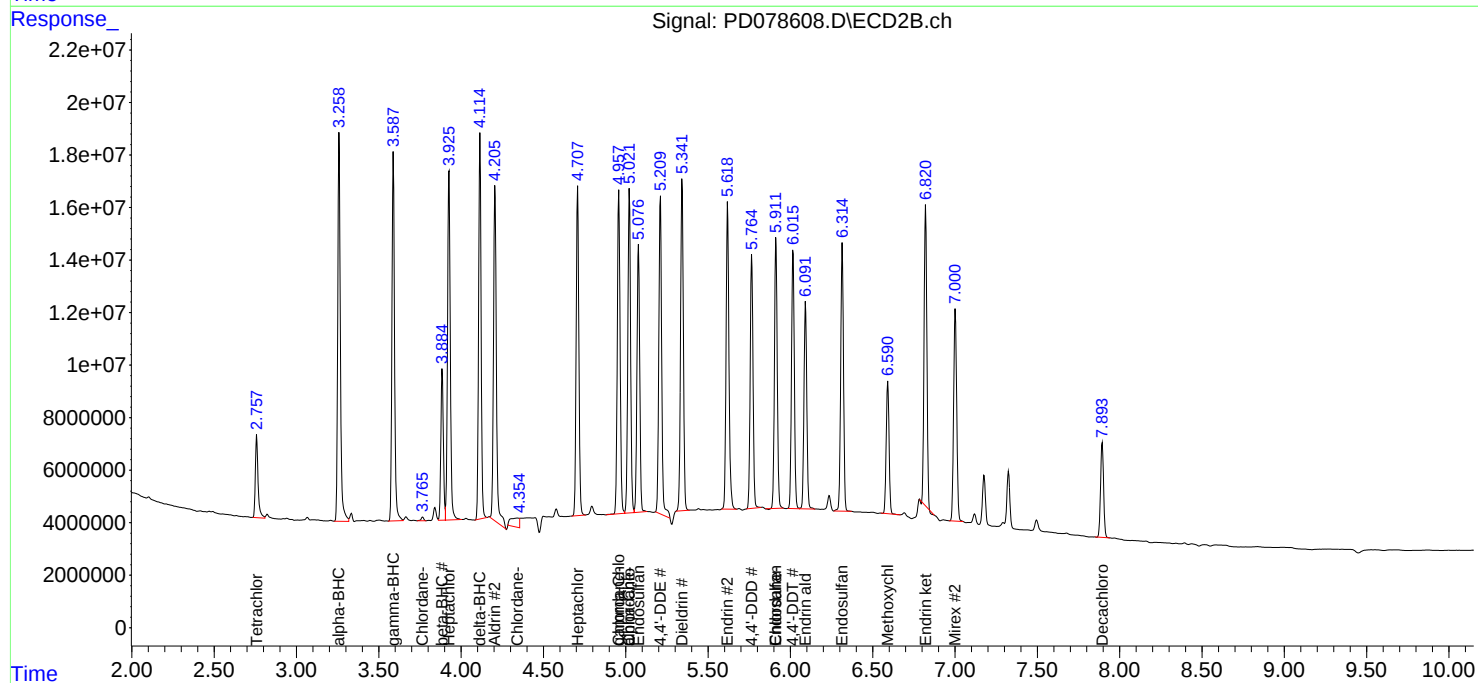
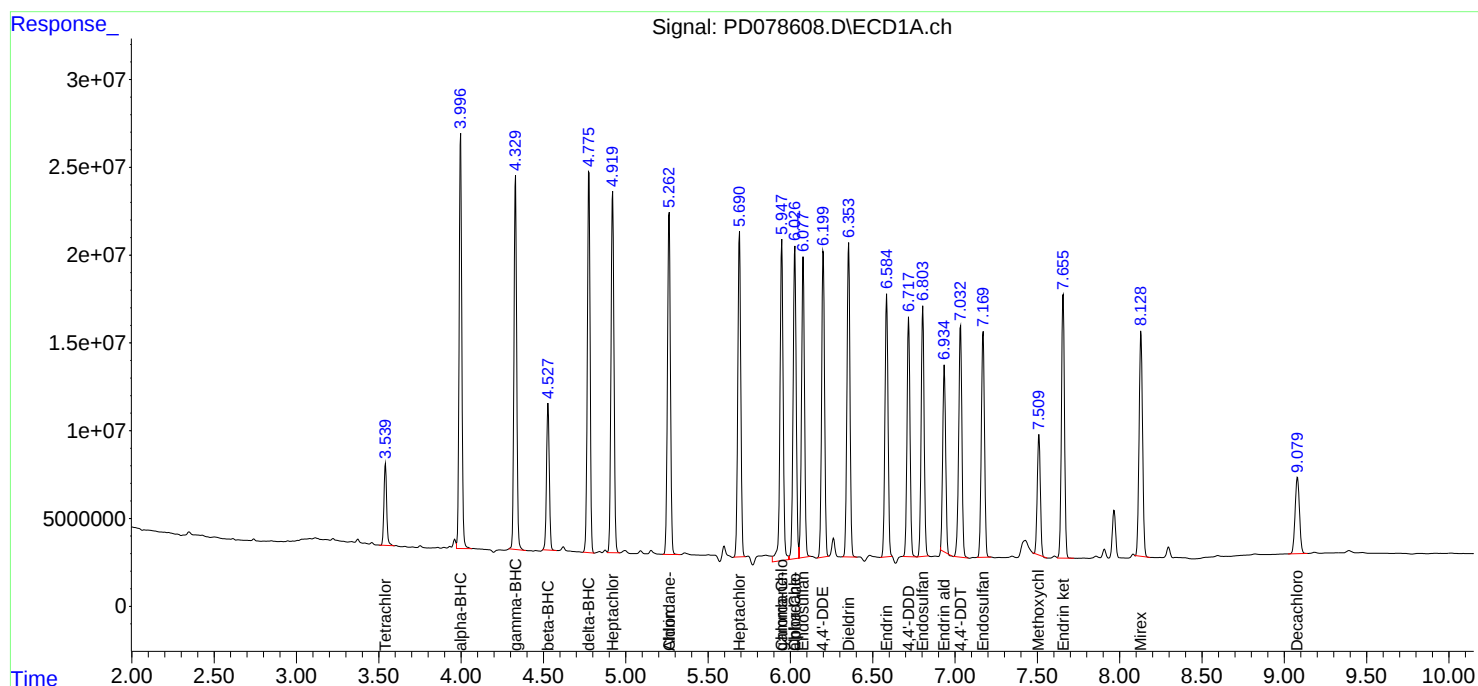
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

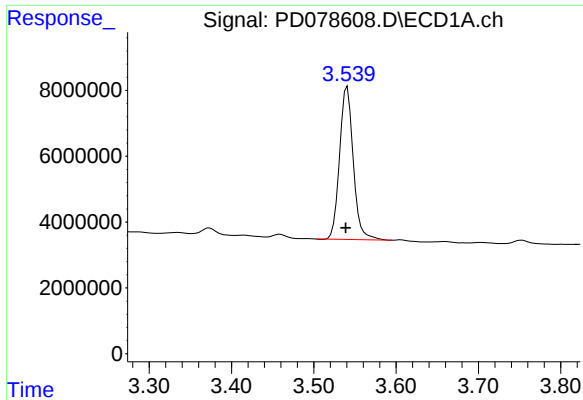
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

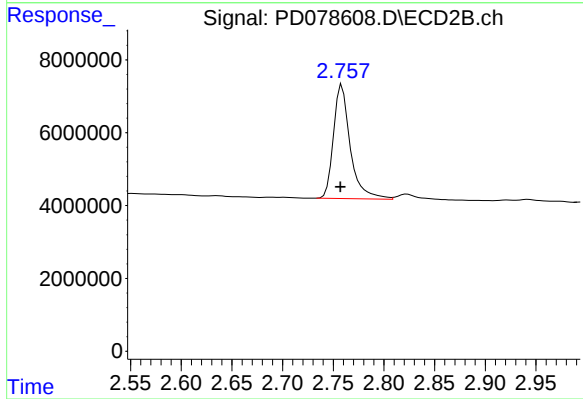




#1 Tetrachloro-m-xylene

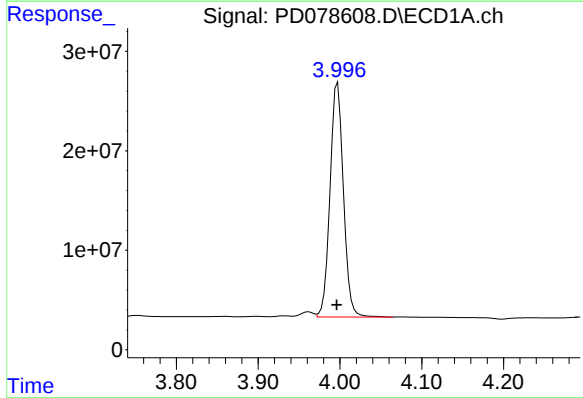
R.T.: 3.541 min
Delta R.T.: 0.002 min
Response: 53589484
Conc: 18.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



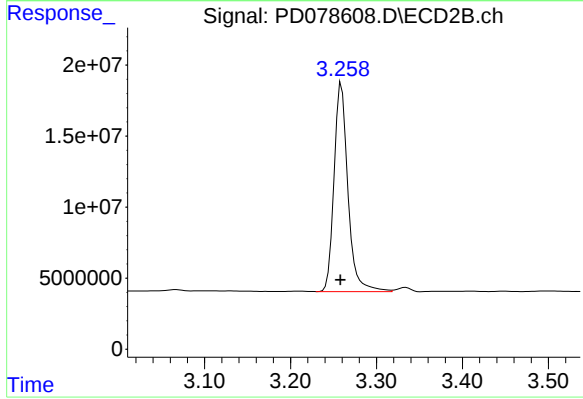
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.002 min
Response: 36192219
Conc: 17.72 ng/ml



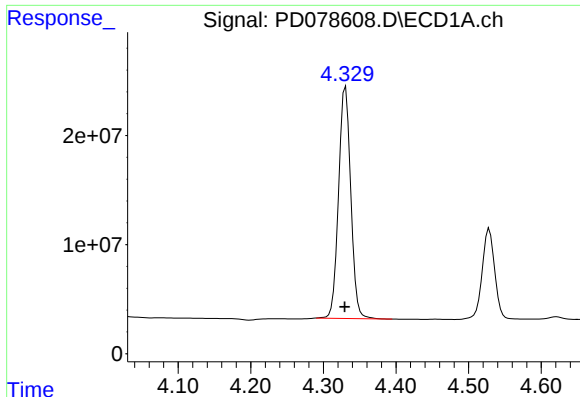
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.001 min
Response: 268590350
Conc: 55.31 ng/ml



#2 alpha-BHC

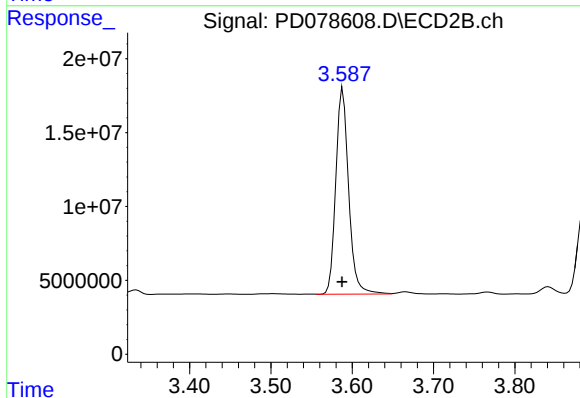
R.T.: 3.259 min
Delta R.T.: 0.001 min
Response: 164596084
Conc: 54.91 ng/ml



#3 gamma-BHC (Lindane)

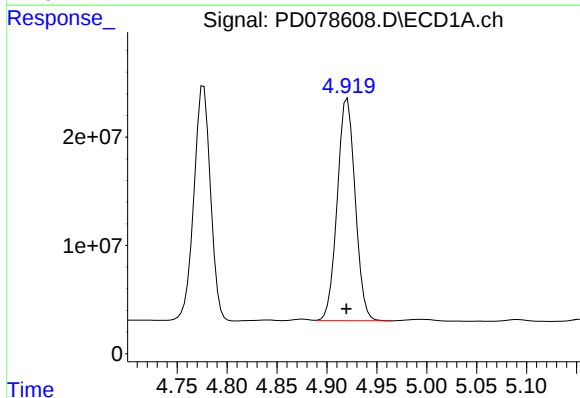
R.T.: 4.331 min
Delta R.T.: 0.001 min
Response: 247215497
Conc: 52.85 ng/ml

Instrument :
ECD_D
ClientSampleId :



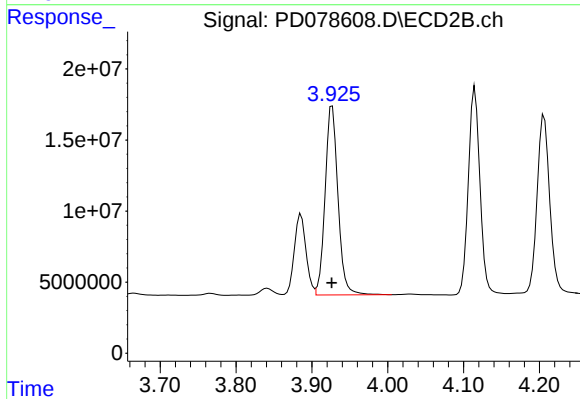
#3 gamma-BHC (Lindane)

R.T.: 3.589 min
Delta R.T.: 0.001 min
Response: 153066437
Conc: 52.83 ng/ml



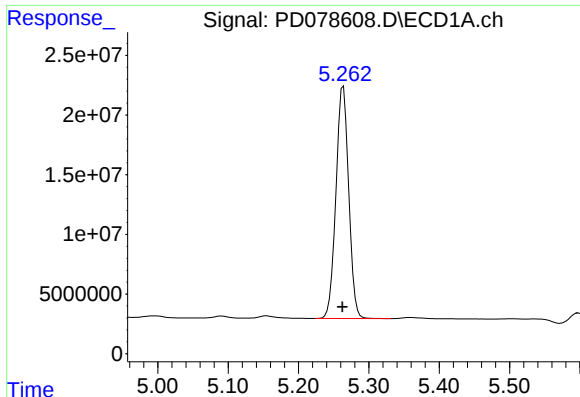
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 256756134
Conc: 54.61 ng/ml



#4 Heptachlor

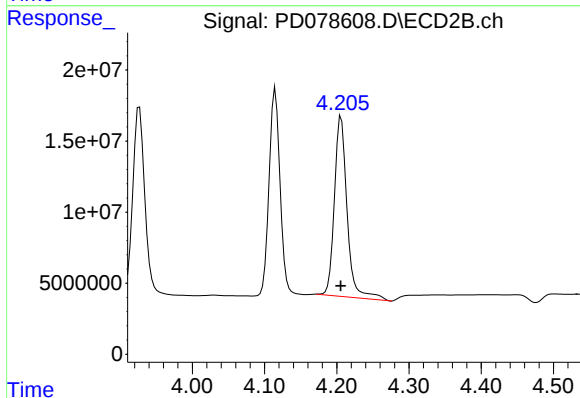
R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 156784611
Conc: 53.14 ng/ml



#5 Aldrin

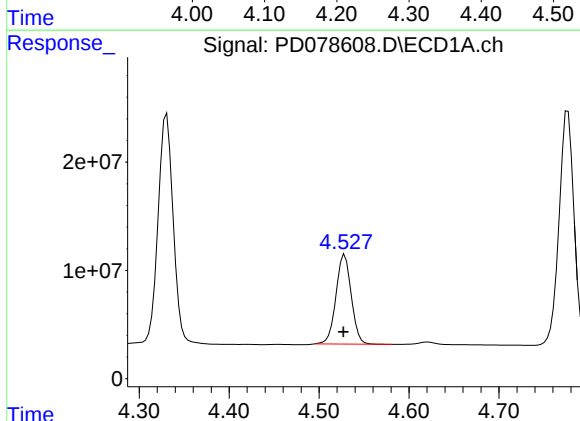
R.T.: 5.264 min
Delta R.T.: 0.001 min
Response: 244735948
Conc: 50.66 ng/ml

Instrument :
ECD_D
ClientSampleId :



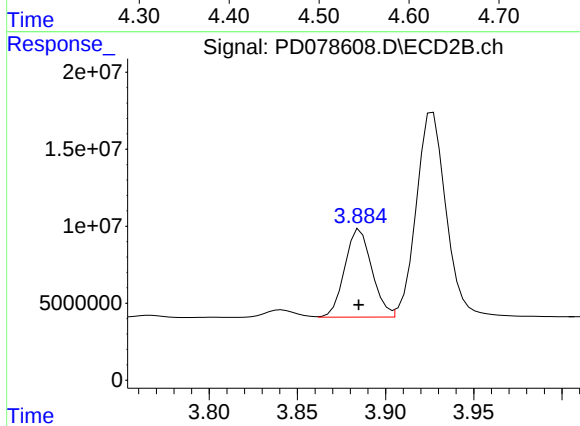
#5 Aldrin

R.T.: 4.206 min
Delta R.T.: 0.000 min
Response: 156042596
Conc: 52.59 ng/ml



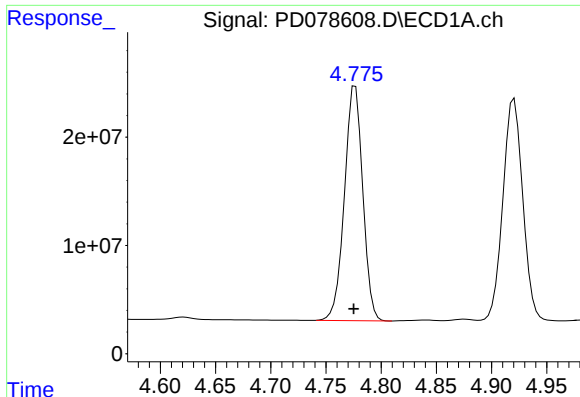
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.002 min
Response: 97379754
Conc: 52.43 ng/ml



#6 beta-BHC

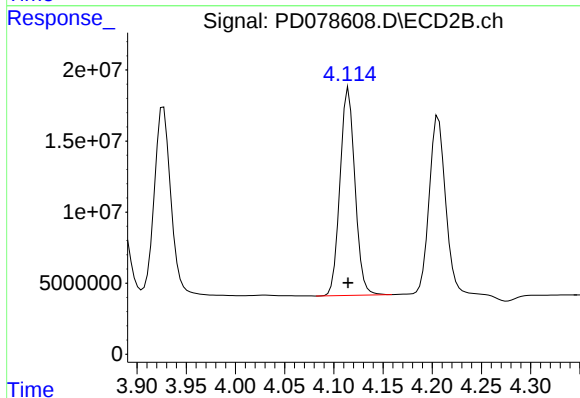
R.T.: 3.886 min
Delta R.T.: 0.000 min
Response: 61232199
Conc: 52.98 ng/ml



#7 delta-BHC

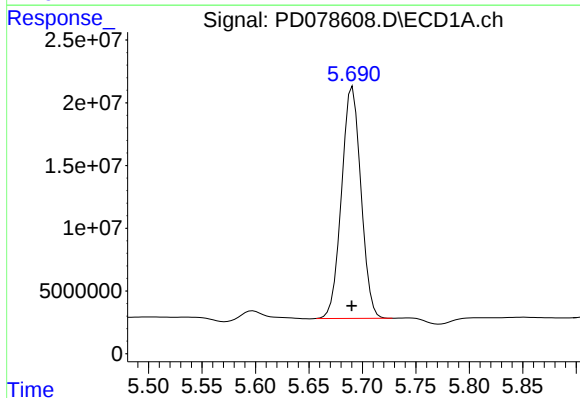
R.T.: 4.777 min
Delta R.T.: 0.001 min
Response: 250623526
Conc: 55.64 ng/ml

Instrument :
ECD_D
ClientSampleId :



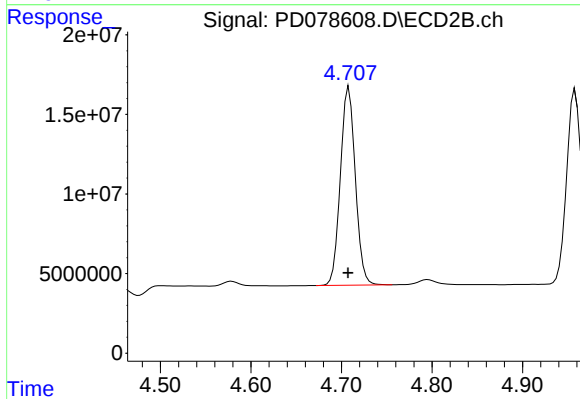
#7 delta-BHC

R.T.: 4.115 min
Delta R.T.: 0.000 min
Response: 154141883
Conc: 53.87 ng/ml



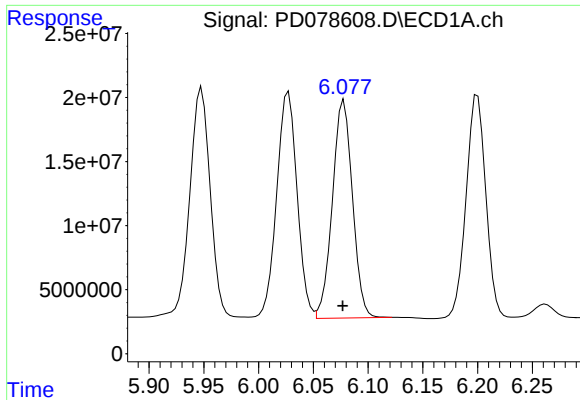
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 233309331
Conc: 55.55 ng/ml



#8 Heptachlor epoxide

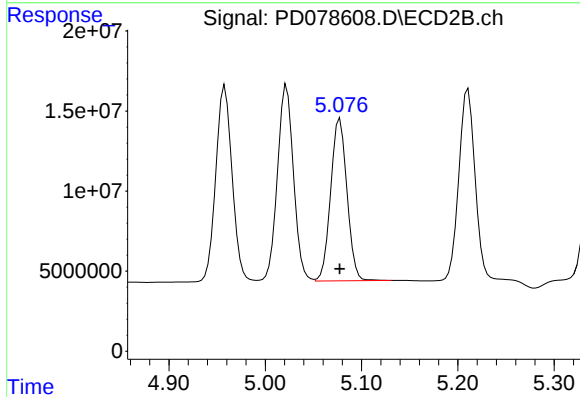
R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 142994060
Conc: 52.91 ng/ml



#9 Endosulfan I

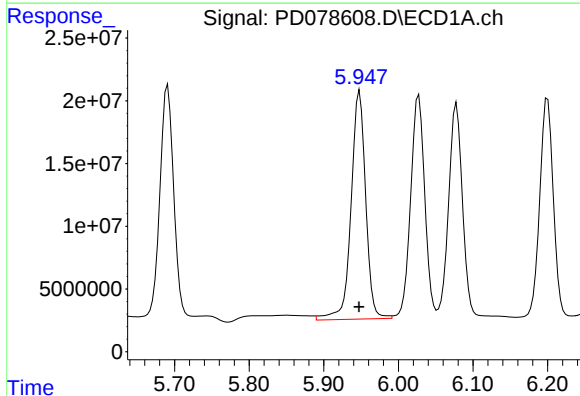
R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 216844288
Conc: 55.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



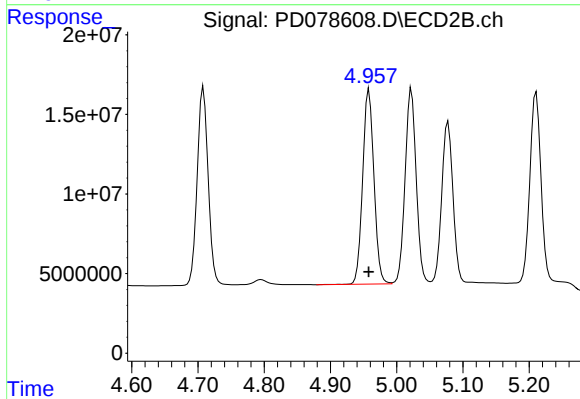
#9 Endosulfan I

R.T.: 5.078 min
Delta R.T.: 0.000 min
Response: 119618657
Conc: 47.57 ng/ml



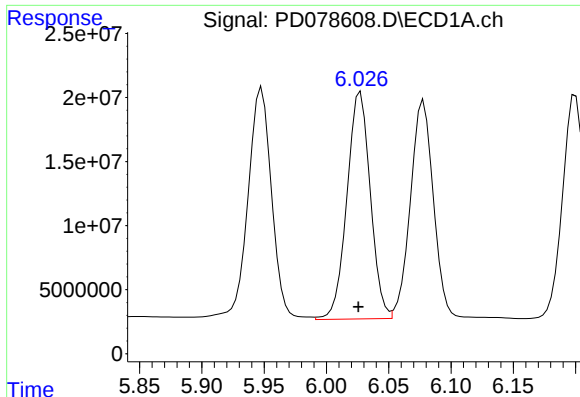
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 247996089
Conc: 59.06 ng/ml



#10 gamma-Chlordane

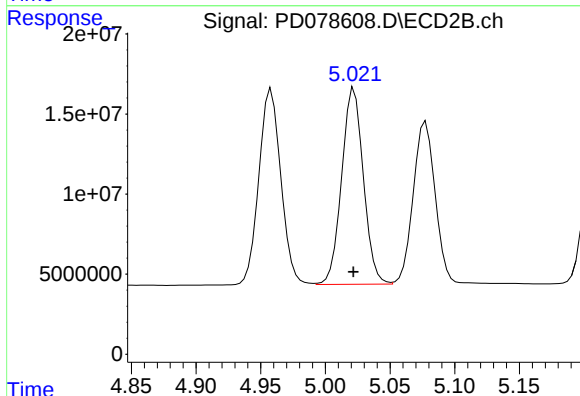
R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 144837509
Conc: 53.90 ng/ml



#11 alpha-Chlordane

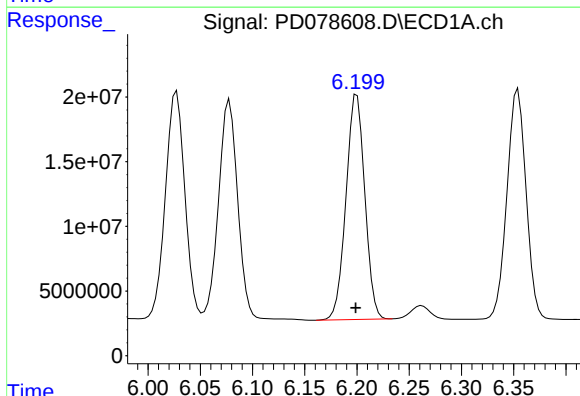
R.T.: 6.027 min
Delta R.T.: 0.002 min
Response: 232682727
Conc: 55.23 ng/ml

Instrument :
ECD_D
ClientSampleId :



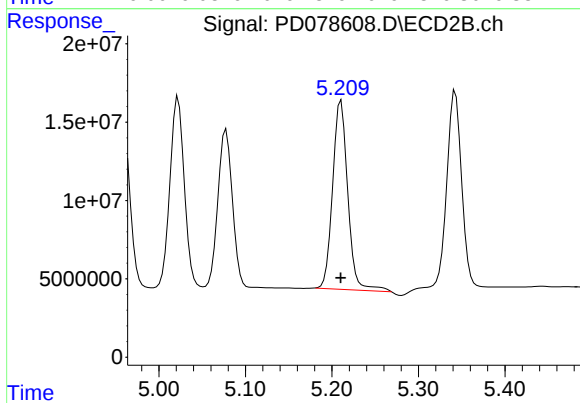
#11 alpha-Chlordane

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 142771834
Conc: 53.17 ng/ml



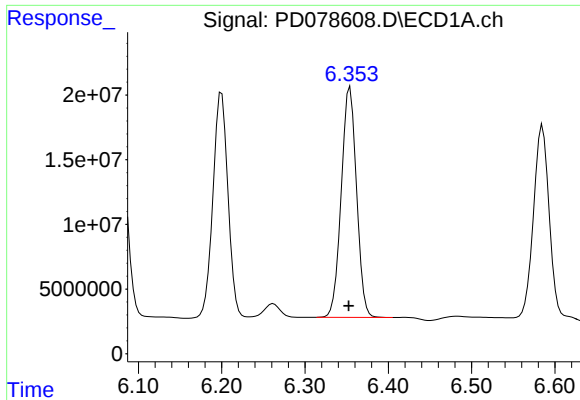
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.001 min
Response: 217803146
Conc: 54.42 ng/ml



#12 4,4'-DDE

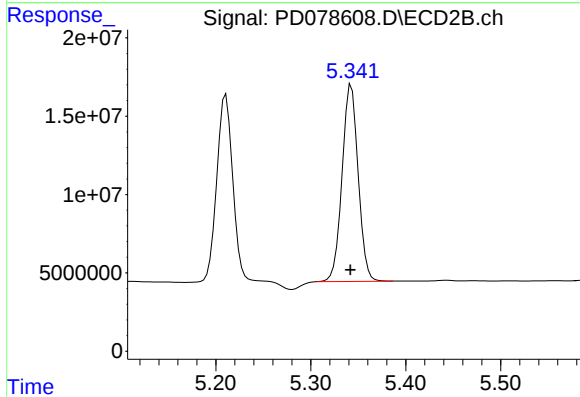
R.T.: 5.211 min
Delta R.T.: 0.000 min
Response: 146300833
Conc: 57.50 ng/ml



#13 Dieldrin

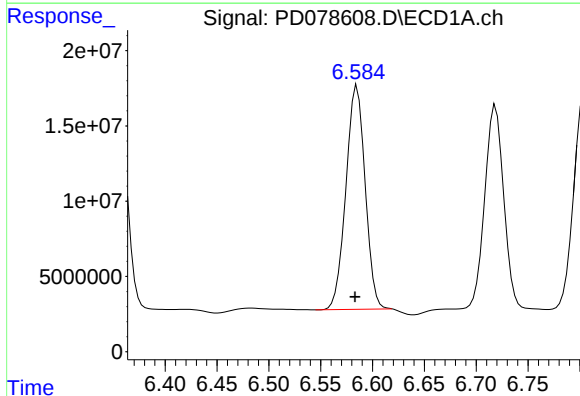
R.T.: 6.354 min
Delta R.T.: 0.002 min
Response: 226801476
Conc: 54.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



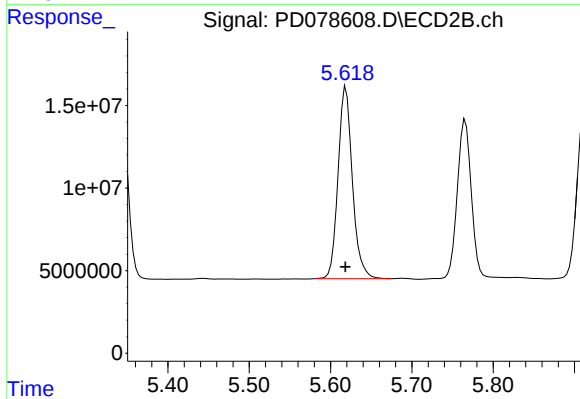
#13 Dieldrin

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 148216906
Conc: 53.09 ng/ml



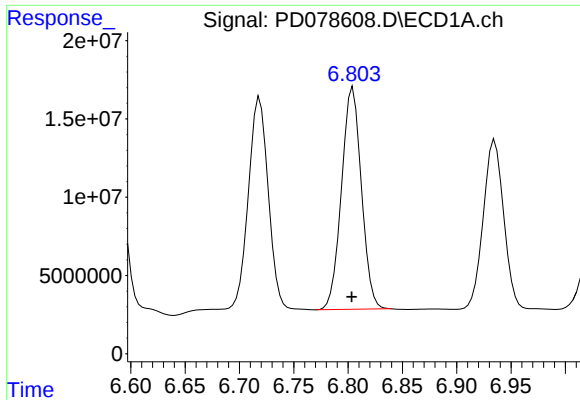
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.002 min
Response: 192009484
Conc: 57.17 ng/ml



#14 Endrin

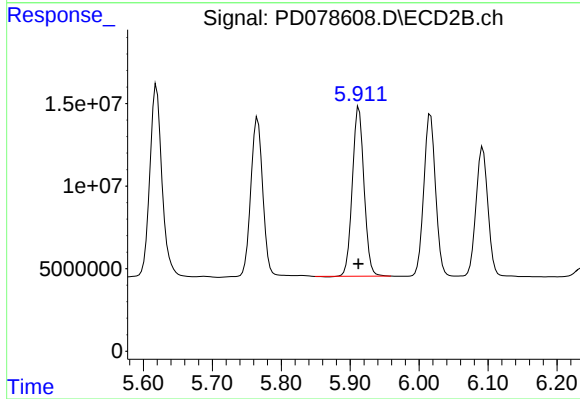
R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 142253128
Conc: 57.49 ng/ml



#15 Endosulfan II

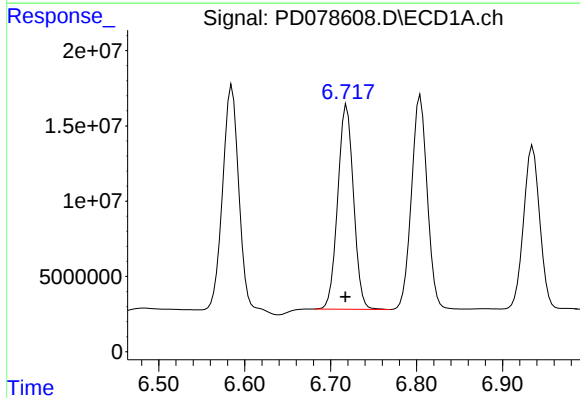
R.T.: 6.805 min
Delta R.T.: 0.001 min
Response: 180763408
Conc: 50.22 ng/ml

Instrument :
ECD_D
ClientSampleId :



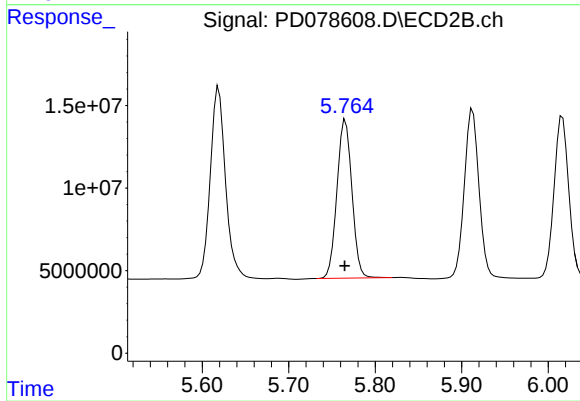
#15 Endosulfan II

R.T.: 5.913 min
Delta R.T.: 0.000 min
Response: 120639038
Conc: 50.68 ng/ml



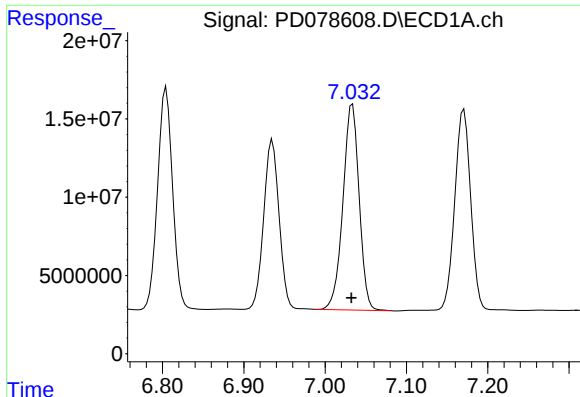
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.002 min
Response: 172956003
Conc: 58.13 ng/ml



#16 4,4'-DDD

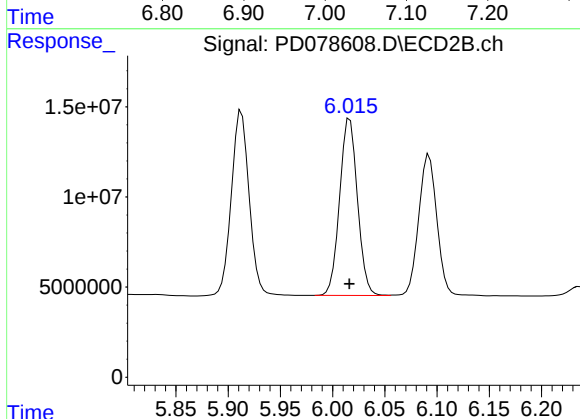
R.T.: 5.766 min
Delta R.T.: 0.001 min
Response: 114883340
Conc: 58.06 ng/ml



#17 4,4'-DDT

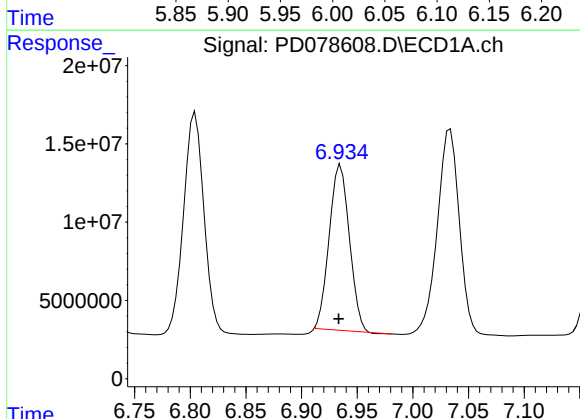
R.T.: 7.034 min
Delta R.T.: 0.001 min
Response: 181281237
Conc: 61.26 ng/ml

Instrument :
ECD_D
ClientSampleId :



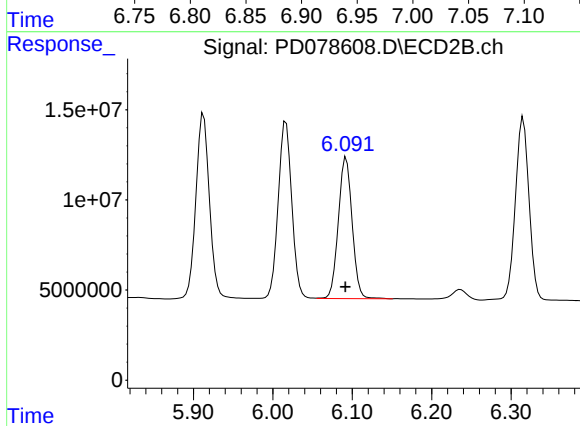
#17 4,4'-DDT

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 116536501
Conc: 57.25 ng/ml



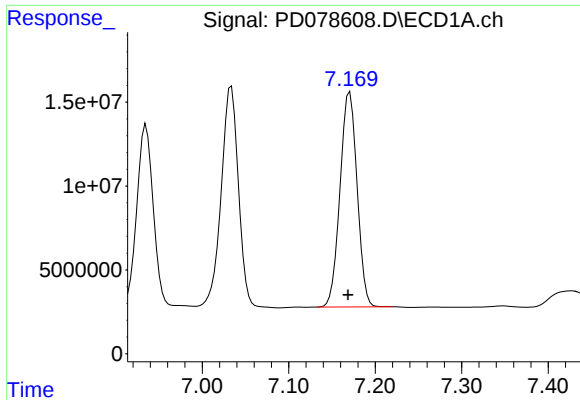
#18 Endrin aldehyde

R.T.: 6.935 min
Delta R.T.: 0.002 min
Response: 132865464
Conc: 49.73 ng/ml



#18 Endrin aldehyde

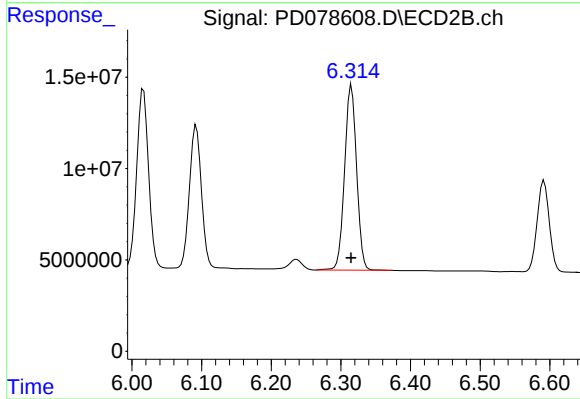
R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 94778518
Conc: 51.12 ng/ml



#19 Endosulfan Sulfate

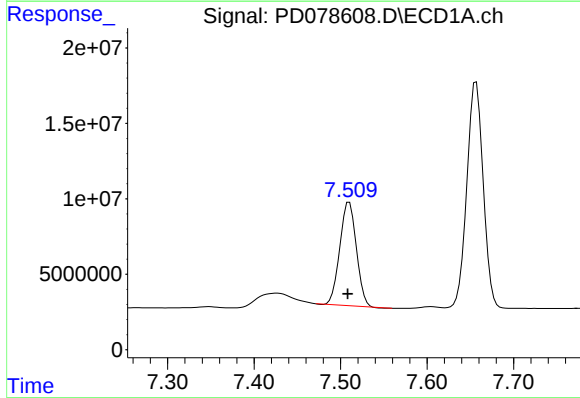
R.T.: 7.171 min
Delta R.T.: 0.002 min
Response: 174623156
Conc: 54.35 ng/ml

Instrument :
ECD_D
ClientSampleId :



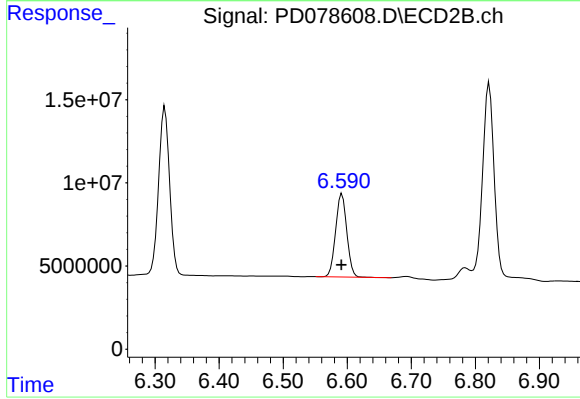
#19 Endosulfan Sulfate

R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 121386772
Conc: 54.71 ng/ml



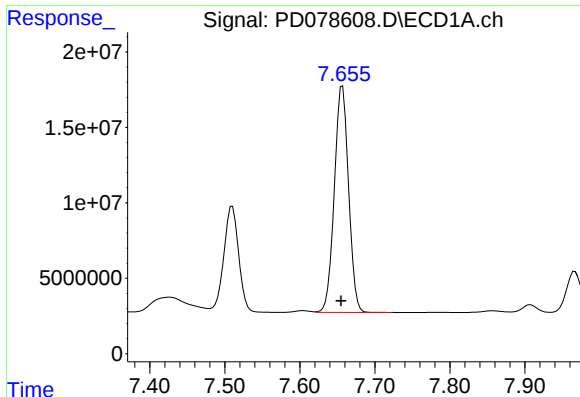
#20 Methoxychlor

R.T.: 7.510 min
Delta R.T.: 0.002 min
Response: 90066441
Conc: 53.97 ng/ml



#20 Methoxychlor

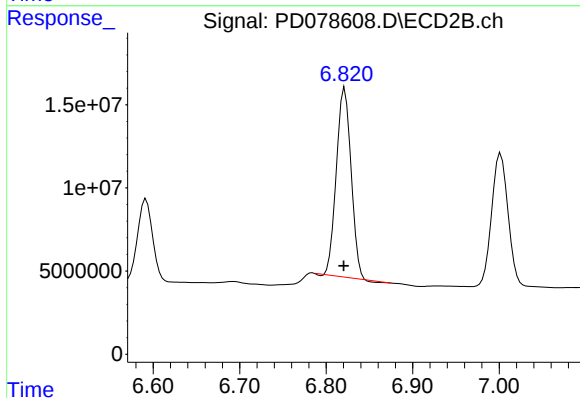
R.T.: 6.592 min
Delta R.T.: 0.000 min
Response: 60500891
Conc: 55.45 ng/ml



#21 Endrin ketone

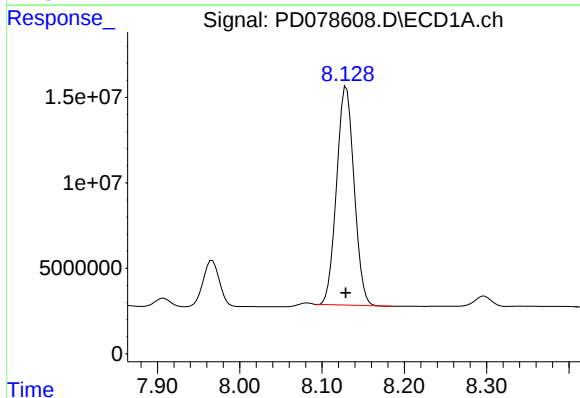
R.T.: 7.657 min
Delta R.T.: 0.002 min
Response: 198077504
Conc: 55.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



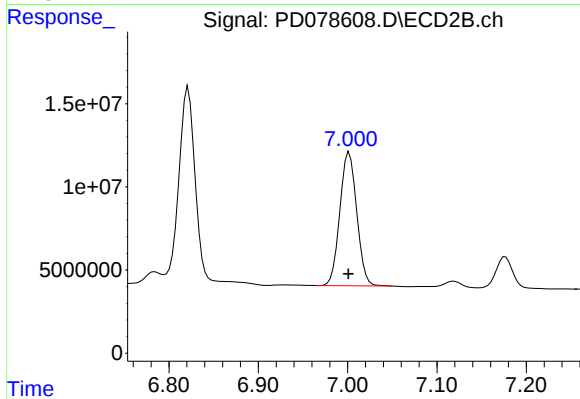
#21 Endrin ketone

R.T.: 6.822 min
Delta R.T.: 0.001 min
Response: 132496204
Conc: 50.48 ng/ml



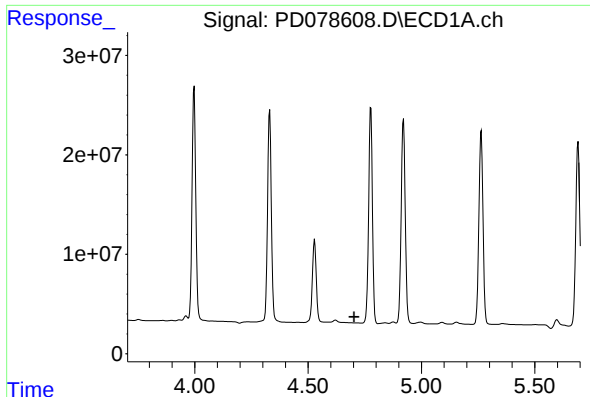
#22 Mirex

R.T.: 8.130 min
Delta R.T.: 0.000 min
Response: 189441653
Conc: 70.93 ng/ml



#22 Mirex

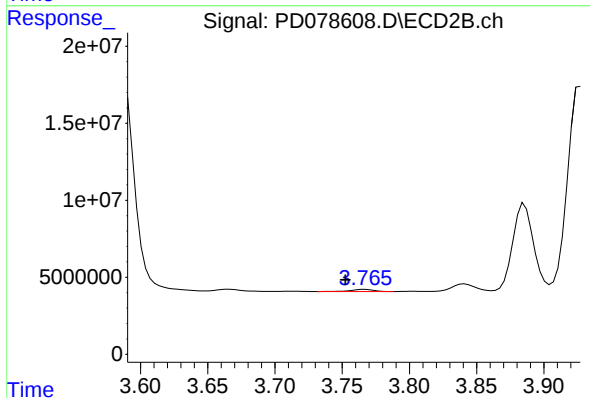
R.T.: 7.002 min
Delta R.T.: 0.001 min
Response: 105398554
Conc: 51.72 ng/ml



#23 Chlordane-1

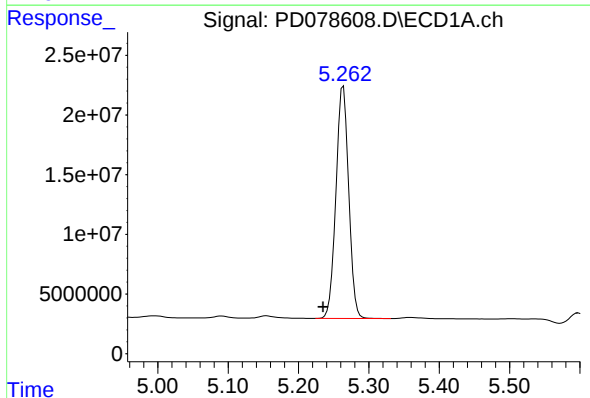
R.T.: 0.000 min
Exp R.T.: 4.704 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



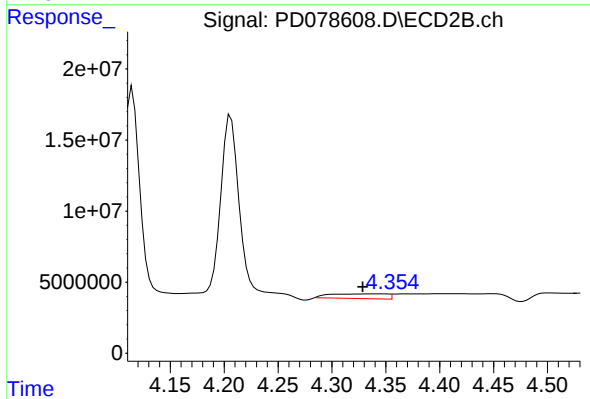
#23 Chlordane-1

R.T.: 3.767 min
Delta R.T.: 0.014 min
Response: 1591562
Conc: 21.88 ng/ml



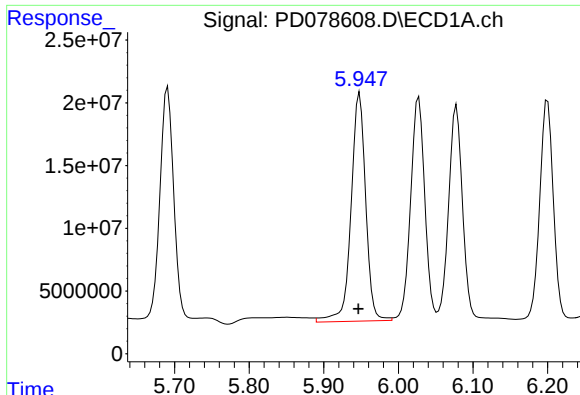
#24 Chlordane-2

R.T.: 5.264 min
Delta R.T.: 0.029 min
Response: 244735948
Conc: 1716.18 ng/ml



#24 Chlordane-2

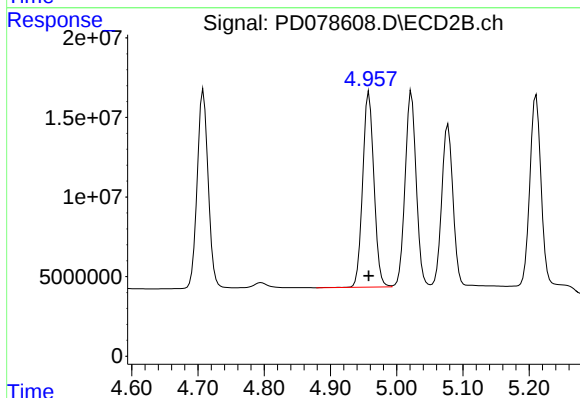
R.T.: 4.342 min
Delta R.T.: 0.013 min
Response: 12185469
Conc: 157.35 ng/ml



#25 Chlordane-3

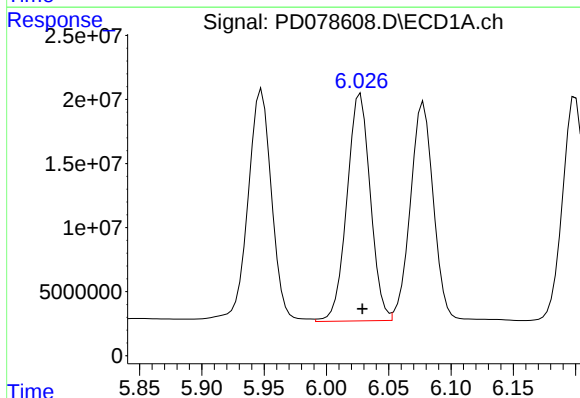
R.T.: 5.948 min
Delta R.T.: 0.002 min
Response: 247996089
Conc: 423.90 ng/ml

Instrument :
ECD_D
ClientSampleId :



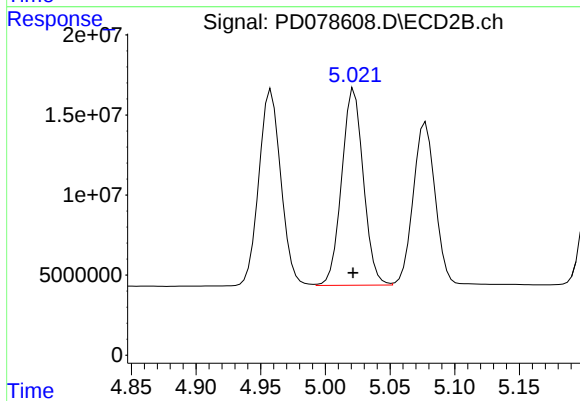
#25 Chlordane-3

R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 144837509
Conc: 562.14 ng/ml



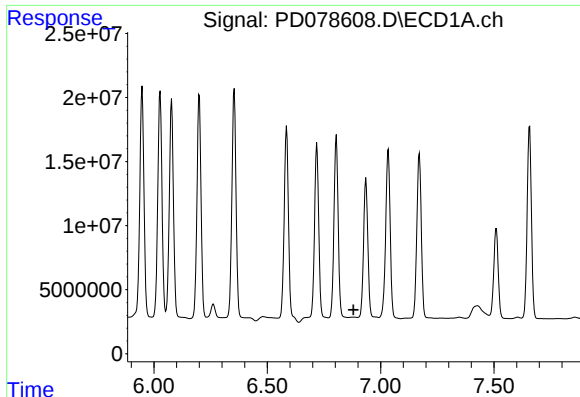
#26 Chlordane-4

R.T.: 6.027 min
Delta R.T.: -0.002 min
Response: 232682727
Conc: 328.88 ng/ml



#26 Chlordane-4

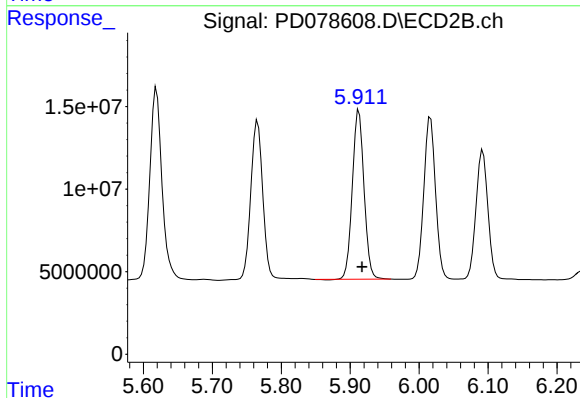
R.T.: 5.022 min
Delta R.T.: 0.001 min
Response: 142771834
Conc: 568.50 ng/ml



#27 Chlordane-5

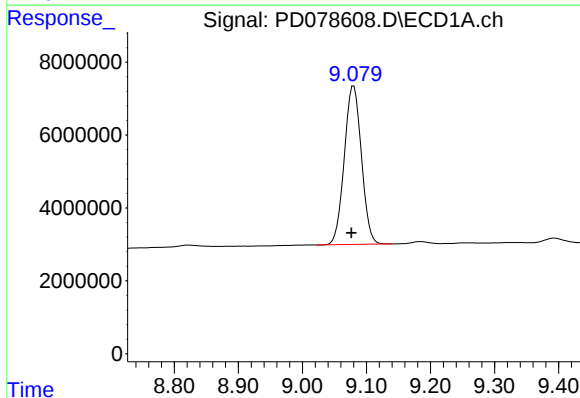
R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: -121140
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



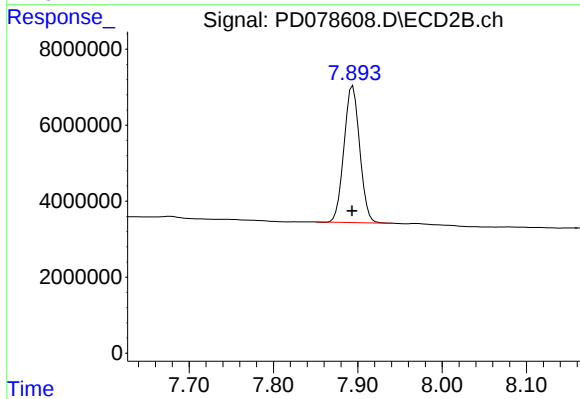
#27 Chlordane-5

R.T.: 5.913 min
Delta R.T.: -0.005 min
Response: 120639038
Conc: 1403.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.080 min
Delta R.T.: 0.003 min
Response: 80754506
Conc: 21.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.894 min
Delta R.T.: 0.000 min
Response: 46548052
Conc: 20.51 ng/ml