

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101220\
 Data File : PD059681.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Oct 2020 09:12
 Operator : DD\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

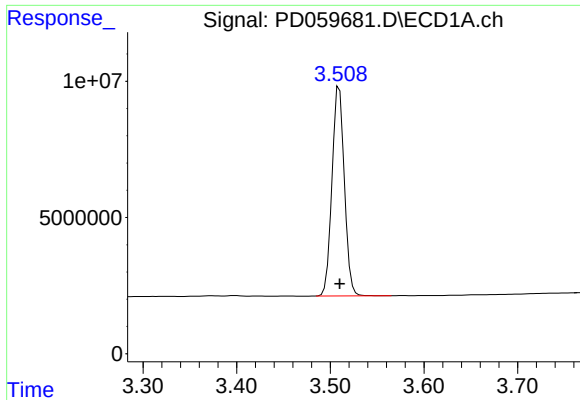
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 12 13:22:08 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100820.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 08 13:21:41 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.510	4.025	70696352	104.6E6	49.033	48.136
28)	SA Decachlor...	8.312	9.109	58319713	78218685	52.499	48.544
Target Compounds							
2)	A alpha-BHC	3.952	4.415	115.1E6	166.0E6	50.417	49.883
3)	MA gamma-BHC...	4.238	4.701	106.2E6	151.3E6	50.366	48.827
4)	MA Heptachlor	4.546	5.213	104.9E6	141.7E6	48.930	47.121
5)	MB Aldrin	4.798	5.520	102.0E6	135.7E6	51.339	49.175
6)	B beta-BHC	4.488	4.869	42117299	60479246	49.451	48.533
7)	B delta-BHC	4.697	5.087	101.4E6	143.5E6	51.329	52.188
8)	B Heptachlo...	5.245	5.906	91343110	124.3E6	51.475	48.555
9)	A Endosulfan I	5.588	6.264	83970447	113.0E6	51.937	48.706
10)	B gamma-Chl...	5.475	6.140	92394596	125.5E6	52.067	50.124
11)	B alpha-Chl...	5.534	6.213	90834233	122.9E6	51.743	48.700
12)	B 4,4'-DDE	5.698	6.368	88465464	117.1E6	52.169	49.325
13)	MA Dieldrin	5.833	6.521	89848840	122.0E6	52.160	49.358
14)	MA Endrin	6.092	6.740	64050703	86608666	43.400	41.164
15)	B Endosulfa...	6.366	6.947	73305593	102.6E6	50.657	47.829
16)	A 4,4'-DDD	6.217	6.858	74586616	102.8E6	53.380	50.750
17)	MA 4,4'-DDT	6.461	7.158	66258937	87189098	43.473	44.479
18)	B Endrin al...	6.536	7.071	60597447	85939651	49.921	48.760
19)	B Endosulfa...	6.750	7.294	65113671	93924033	50.573	47.107
20)	A Methoxychlor	7.010	7.614	32723061	44381043	43.620	42.286
21)	B Endrin ke...	7.245	7.767	81183906	109.5E6	54.430	51.220
22)	Mirex	7.440	8.223	53819637	65195899	50.422	46.664
23)	Chlordane-1	4.416f	0.000	4210080	0	81.034	N.D. #
24)	Chlordane-2	0.000	5.520f	0	135.7E6	N.D.	1706.184 #
25)	Chlordane-3	5.475	6.140	92394596	125.5E6	584.409	397.793 #
26)	Chlordane-4	5.534	6.213	90834233	122.9E6	716.671	326.998 #
27)	Chlordane-5	6.366	0.000	73305593	0	1390.346	N.D. #

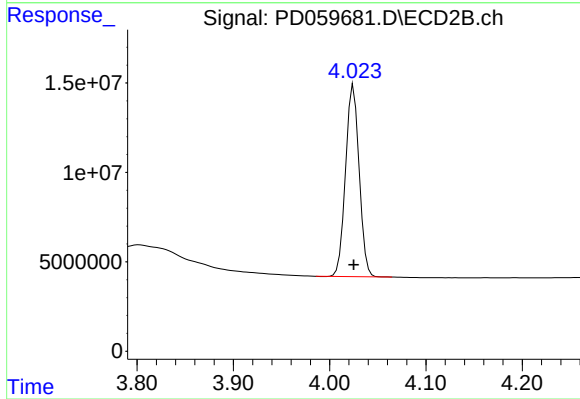
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

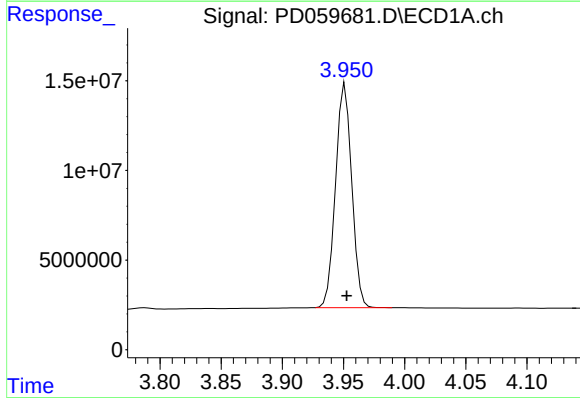
R.T.: 3.510 min
Delta R.T.: 0.000 min
Response: 70696352
Conc: 49.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



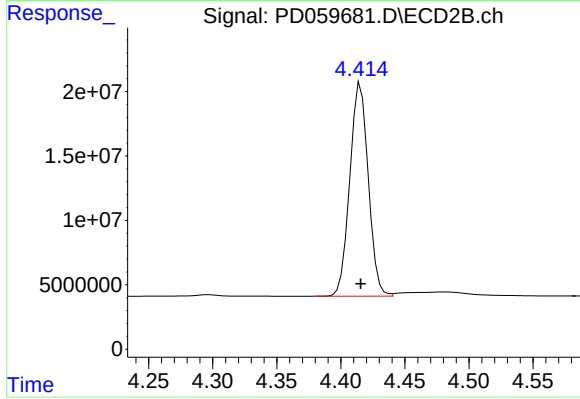
#1 Tetrachloro-m-xylene

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 104645331
Conc: 48.14 ng/ml



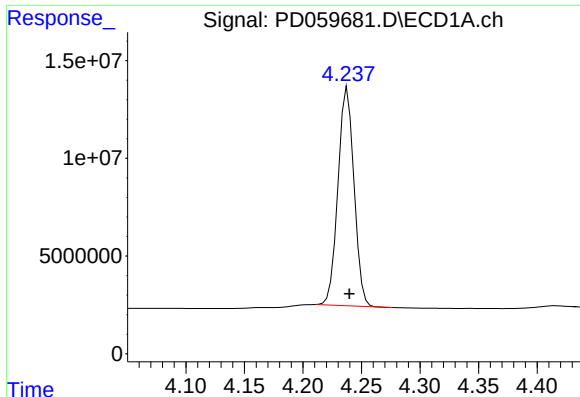
#2 alpha-BHC

R.T.: 3.952 min
Delta R.T.: -0.001 min
Response: 115080902
Conc: 50.42 ng/ml



#2 alpha-BHC

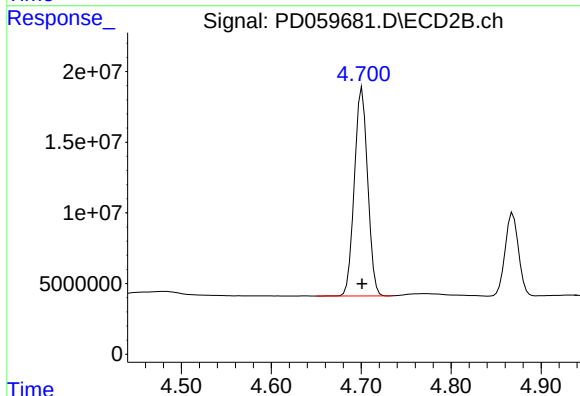
R.T.: 4.415 min
Delta R.T.: 0.000 min
Response: 166044984
Conc: 49.88 ng/ml



#3 gamma-BHC (Lindane)

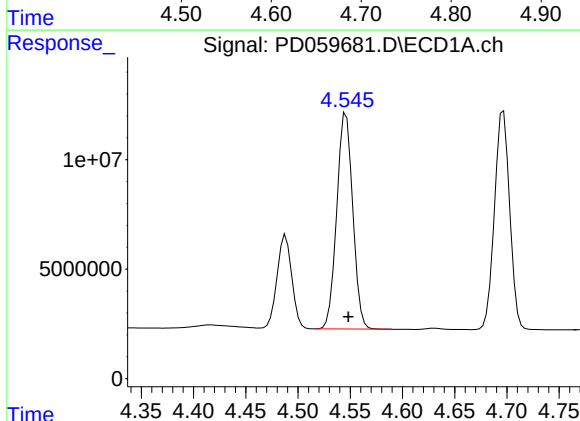
R.T.: 4.238 min
Delta R.T.: -0.001 min
Response: 106218681
Conc: 50.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



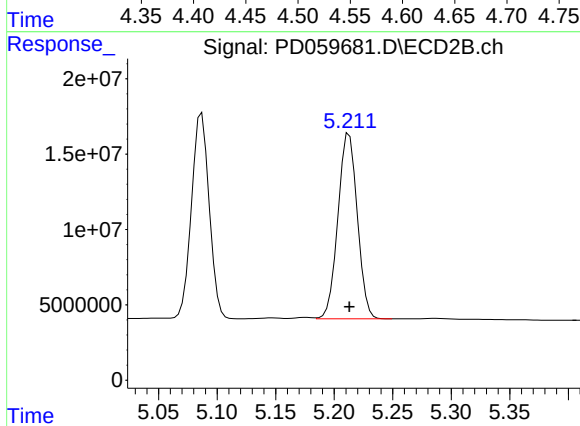
#3 gamma-BHC (Lindane)

R.T.: 4.701 min
Delta R.T.: 0.000 min
Response: 151325363
Conc: 48.83 ng/ml



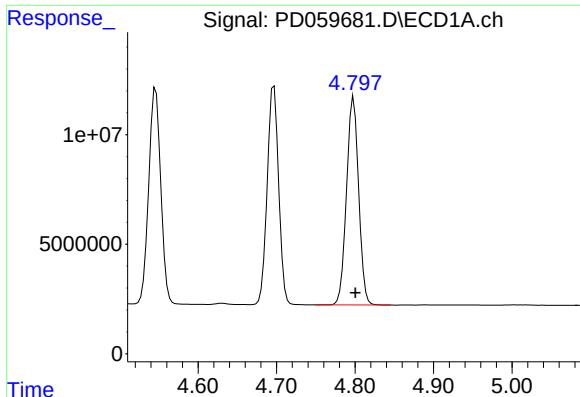
#4 Heptachlor

R.T.: 4.546 min
Delta R.T.: -0.002 min
Response: 104918082
Conc: 48.93 ng/ml



#4 Heptachlor

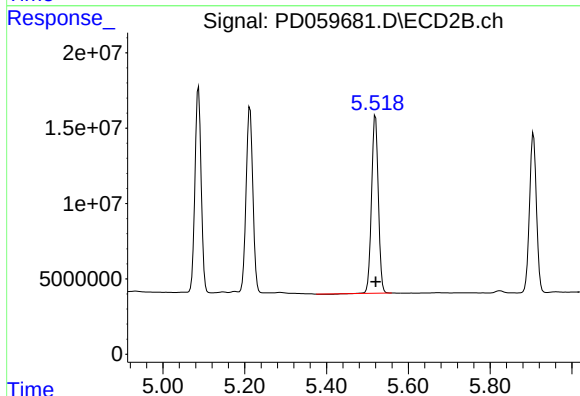
R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 141666481
Conc: 47.12 ng/ml



#5 Aldrin

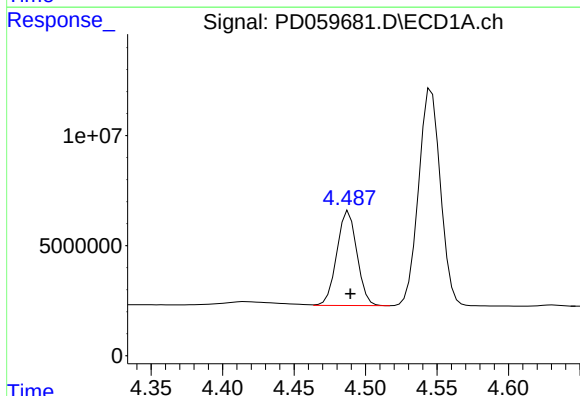
R.T.: 4.798 min
Delta R.T.: -0.002 min
Response: 101986458
Conc: 51.34 ng/ml

Instrument :
ECD_D
ClientSampleId :



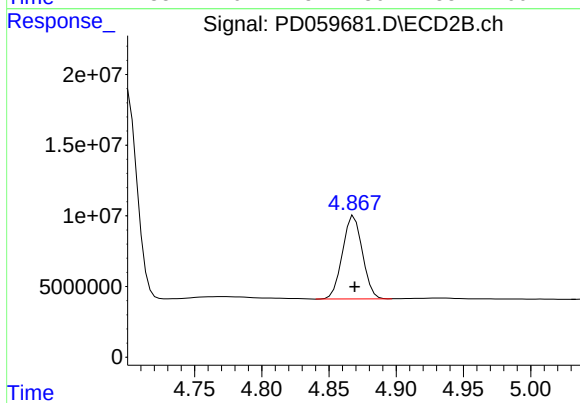
#5 Aldrin

R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 135654776
Conc: 49.17 ng/ml



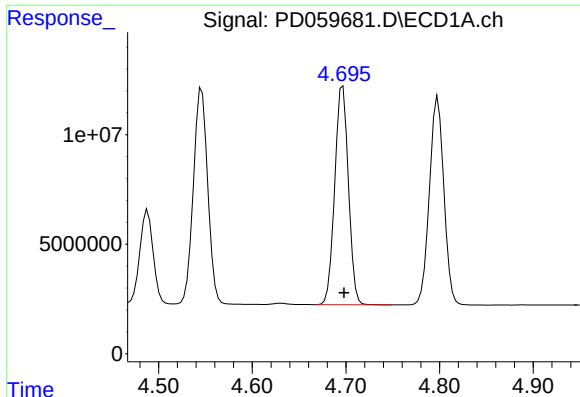
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: -0.001 min
Response: 42117299
Conc: 49.45 ng/ml



#6 beta-BHC

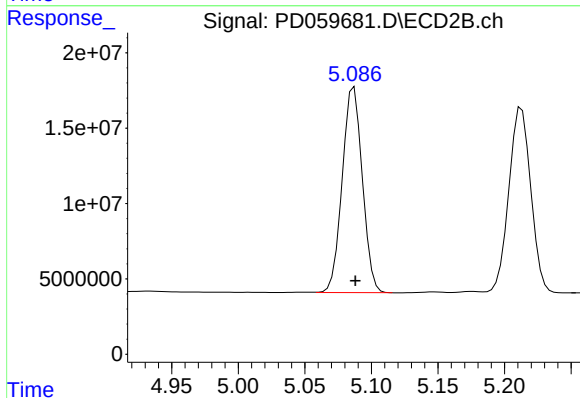
R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 60479246
Conc: 48.53 ng/ml



#7 delta-BHC

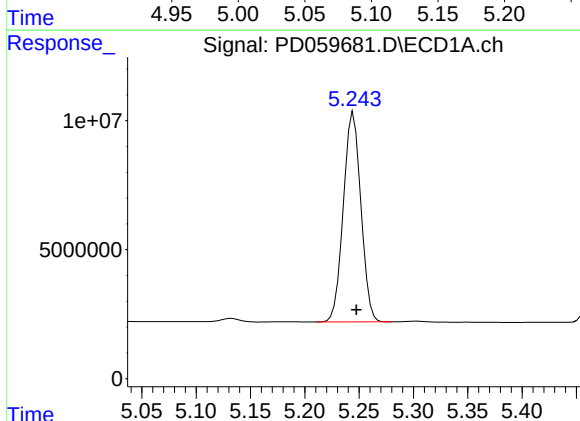
R.T.: 4.697 min
Delta R.T.: -0.001 min
Response: 101417354
Conc: 51.33 ng/ml

Instrument :
ECD_D
ClientSampleId :



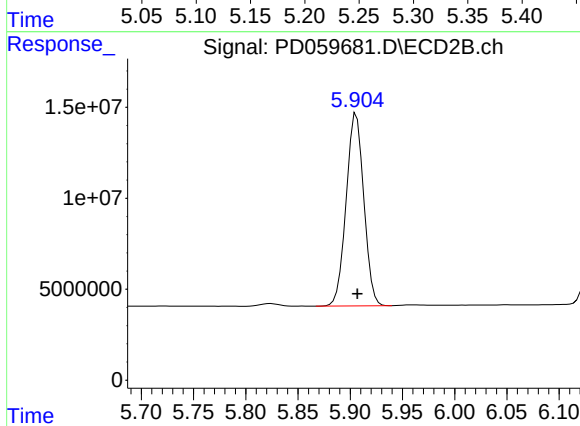
#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 143486162
Conc: 52.19 ng/ml



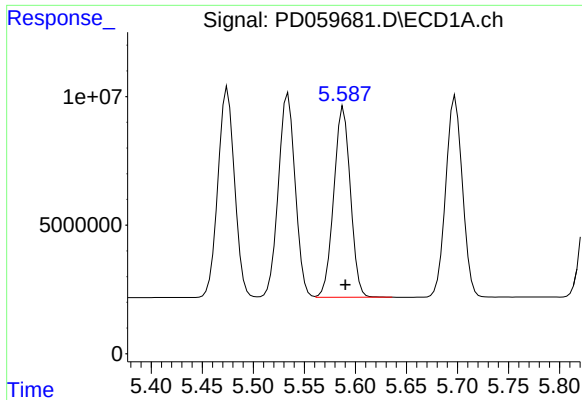
#8 Heptachlor epoxide

R.T.: 5.245 min
Delta R.T.: -0.003 min
Response: 91343110
Conc: 51.48 ng/ml



#8 Heptachlor epoxide

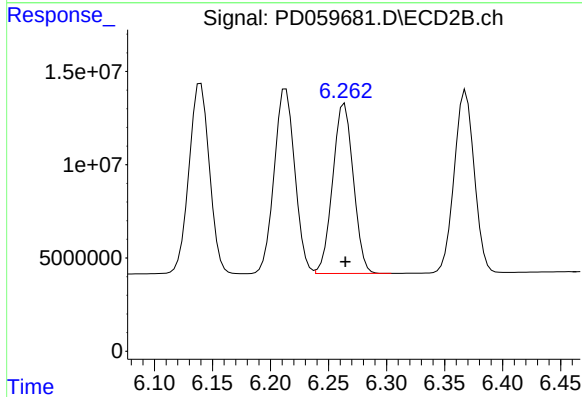
R.T.: 5.906 min
Delta R.T.: -0.001 min
Response: 124298574
Conc: 48.55 ng/ml



#9 Endosulfan I

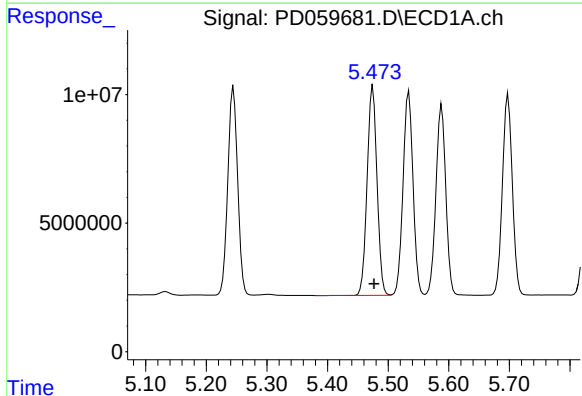
R.T.: 5.588 min
Delta R.T.: -0.002 min
Response: 83970447
Conc: 51.94 ng/ml

Instrument :
ECD_D
ClientSampleId :



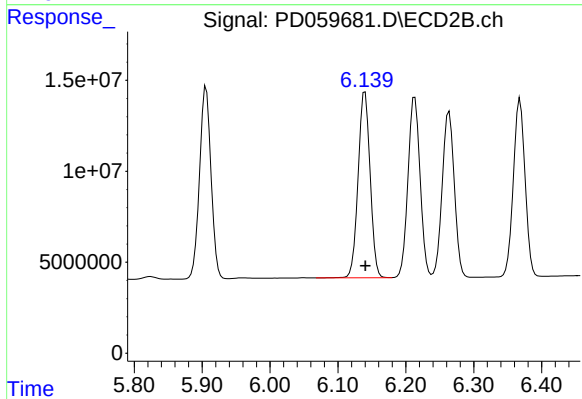
#9 Endosulfan I

R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 113018713
Conc: 48.71 ng/ml



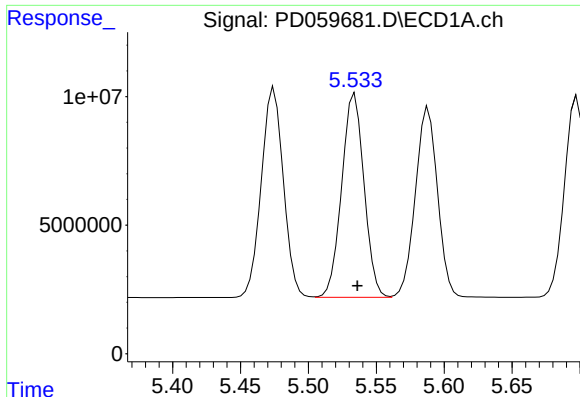
#10 gamma-Chlordane

R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 92394596
Conc: 52.07 ng/ml



#10 gamma-Chlordane

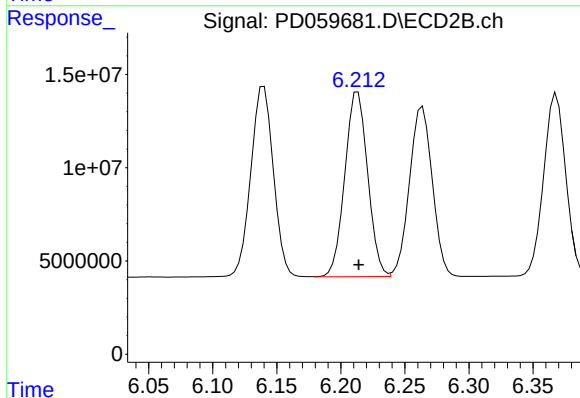
R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 125523098
Conc: 50.12 ng/ml



#11 alpha-Chlordane

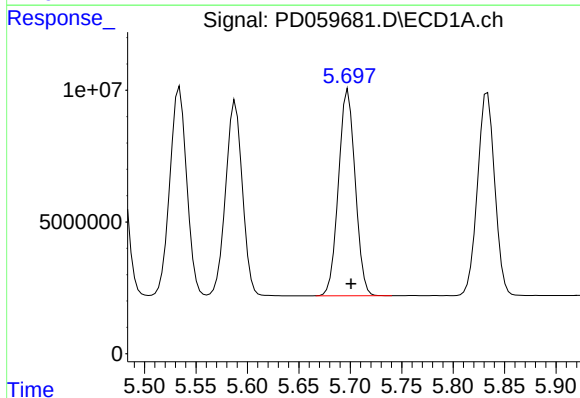
R.T.: 5.534 min
Delta R.T.: -0.002 min
Response: 90834233
Conc: 51.74 ng/ml

Instrument :
ECD_D
ClientSampleId :



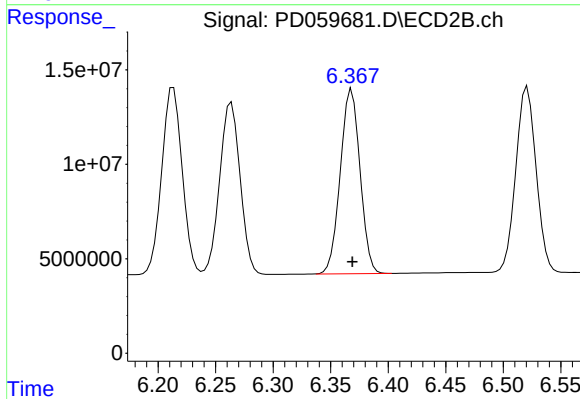
#11 alpha-Chlordane

R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 122876847
Conc: 48.70 ng/ml



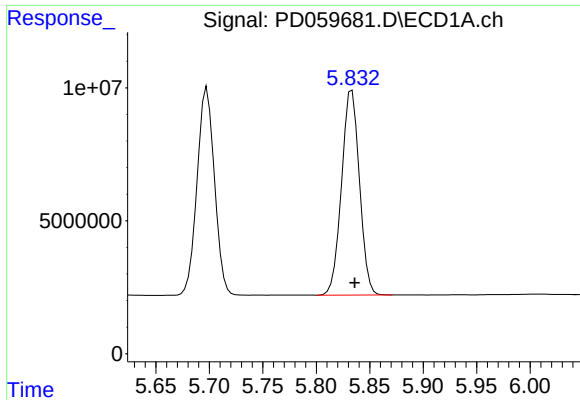
#12 4,4'-DDE

R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 88465464
Conc: 52.17 ng/ml



#12 4,4'-DDE

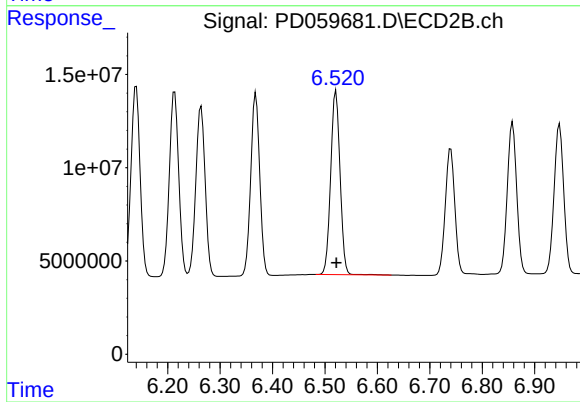
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 117118530
Conc: 49.32 ng/ml



#13 Dieldrin

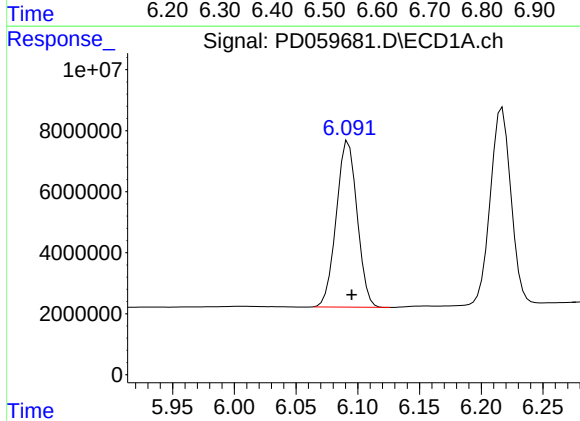
R.T.: 5.833 min
Delta R.T.: -0.003 min
Response: 89848840
Conc: 52.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



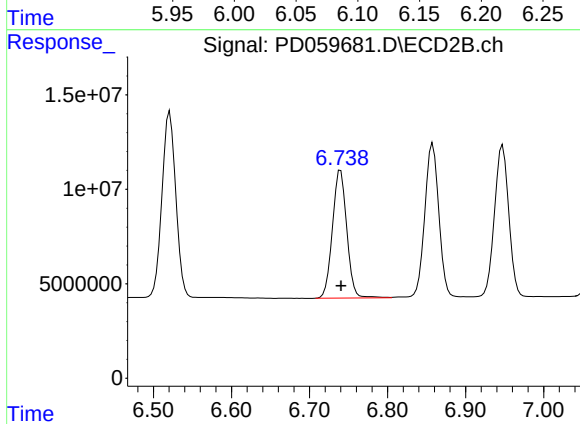
#13 Dieldrin

R.T.: 6.521 min
Delta R.T.: 0.000 min
Response: 122040110
Conc: 49.36 ng/ml



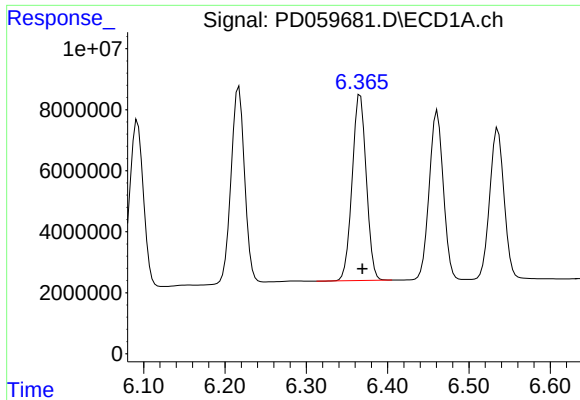
#14 Endrin

R.T.: 6.092 min
Delta R.T.: -0.003 min
Response: 64050703
Conc: 43.40 ng/ml



#14 Endrin

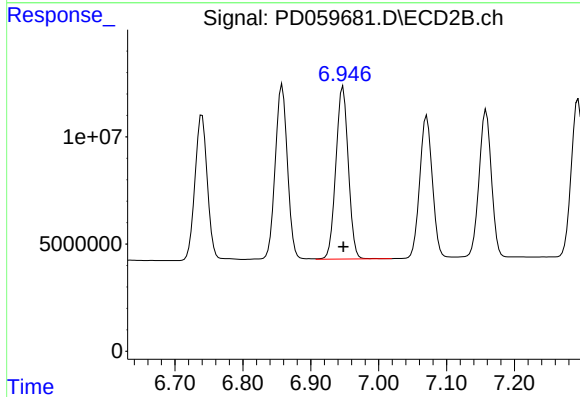
R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 86608666
Conc: 41.16 ng/ml



#15 Endosulfan II

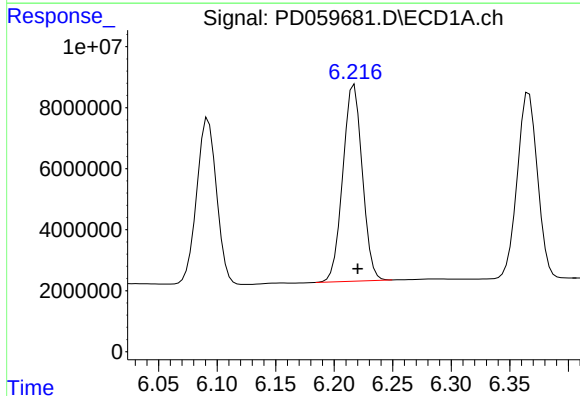
R.T.: 6.366 min
Delta R.T.: -0.003 min
Response: 73305593
Conc: 50.66 ng/ml

Instrument :
ECD_D
ClientSampleId :



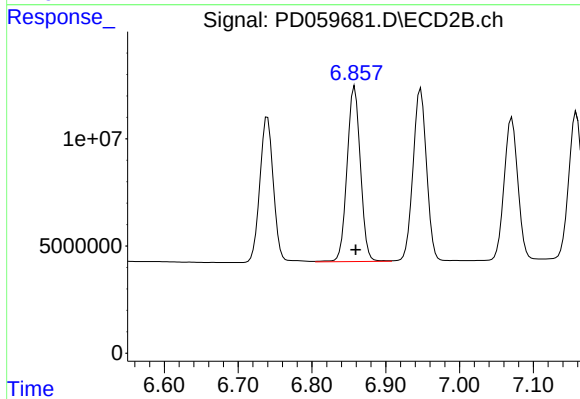
#15 Endosulfan II

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 102623673
Conc: 47.83 ng/ml



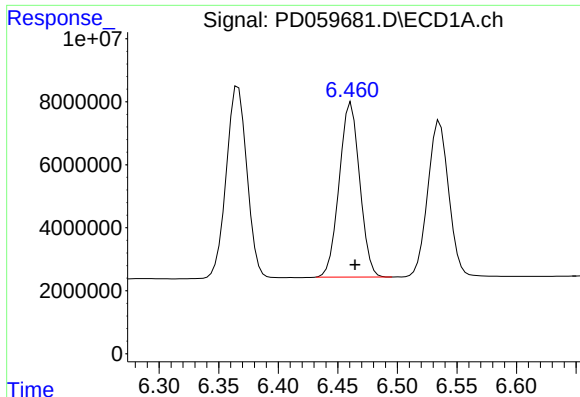
#16 4,4'-DDD

R.T.: 6.217 min
Delta R.T.: -0.003 min
Response: 74586616
Conc: 53.38 ng/ml



#16 4,4'-DDD

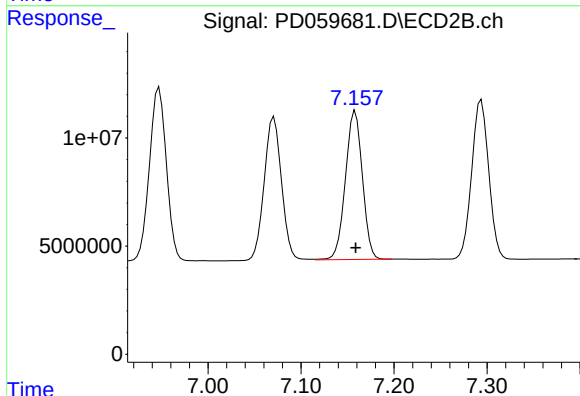
R.T.: 6.858 min
Delta R.T.: -0.001 min
Response: 102785894
Conc: 50.75 ng/ml



#17 4,4'-DDT

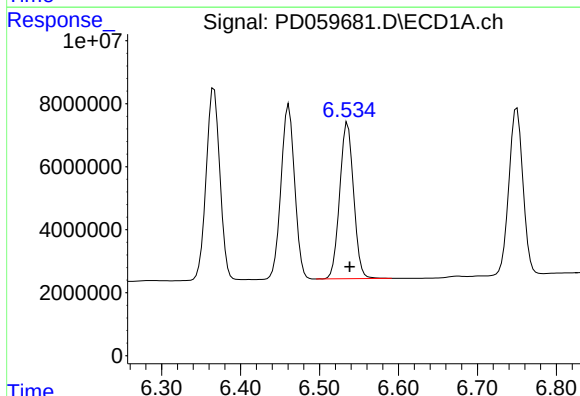
R.T.: 6.461 min
Delta R.T.: -0.003 min
Response: 66258937
Conc: 43.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



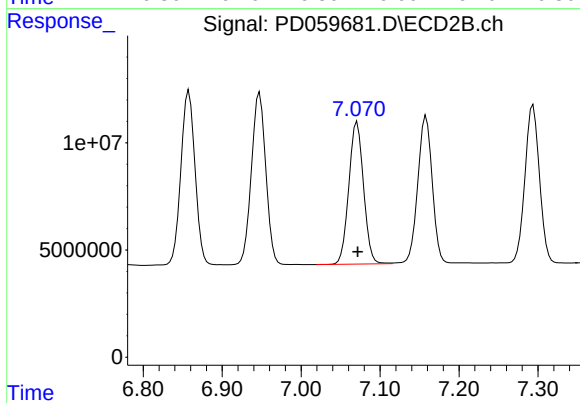
#17 4,4'-DDT

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 87189098
Conc: 44.48 ng/ml



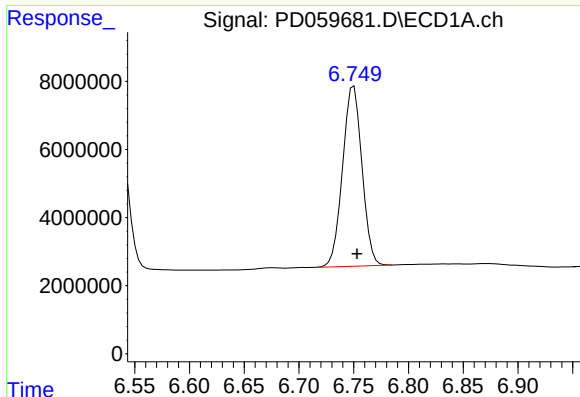
#18 Endrin aldehyde

R.T.: 6.536 min
Delta R.T.: -0.003 min
Response: 60597447
Conc: 49.92 ng/ml



#18 Endrin aldehyde

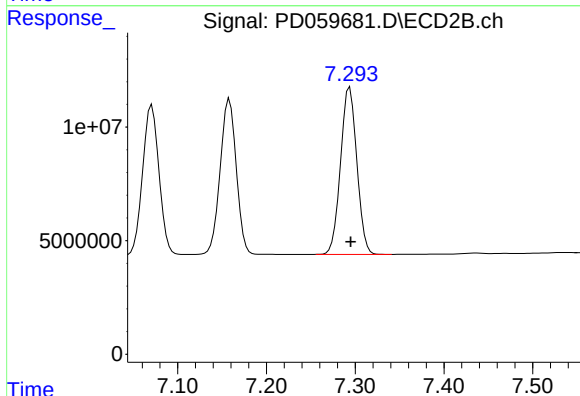
R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 85939651
Conc: 48.76 ng/ml



#19 Endosulfan Sulfate

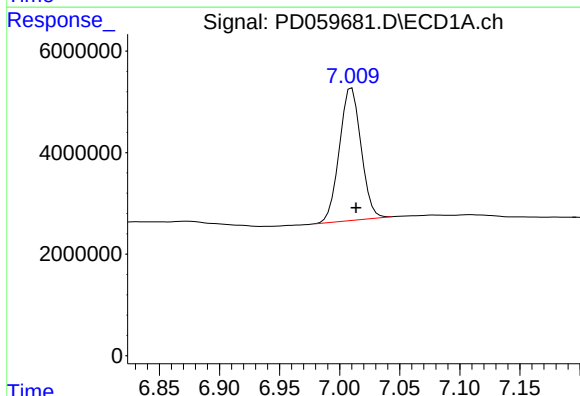
R.T.: 6.750 min
Delta R.T.: -0.003 min
Response: 65113671
Conc: 50.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



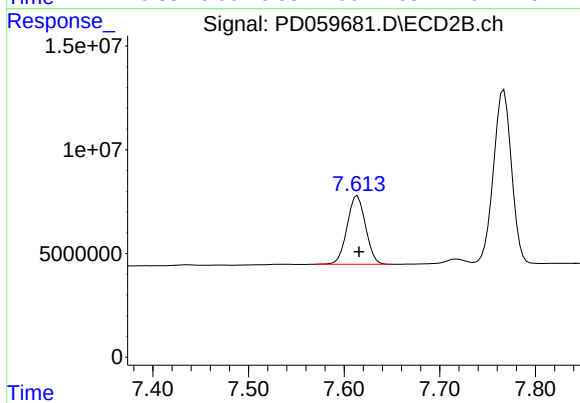
#19 Endosulfan Sulfate

R.T.: 7.294 min
Delta R.T.: -0.001 min
Response: 93924033
Conc: 47.11 ng/ml



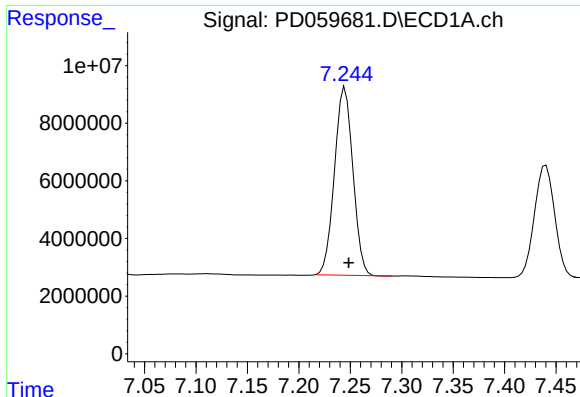
#20 Methoxychlor

R.T.: 7.010 min
Delta R.T.: -0.004 min
Response: 32723061
Conc: 43.62 ng/ml



#20 Methoxychlor

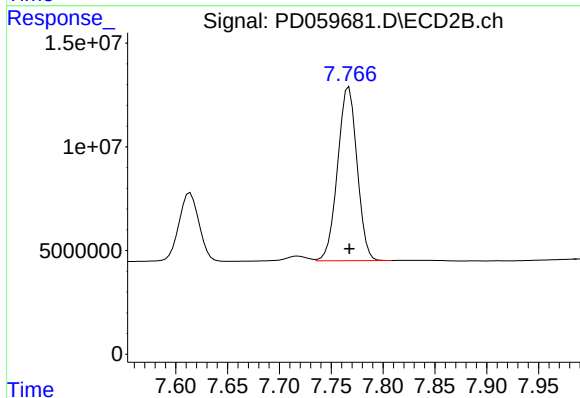
R.T.: 7.614 min
Delta R.T.: -0.002 min
Response: 44381043
Conc: 42.29 ng/ml



#21 Endrin ketone

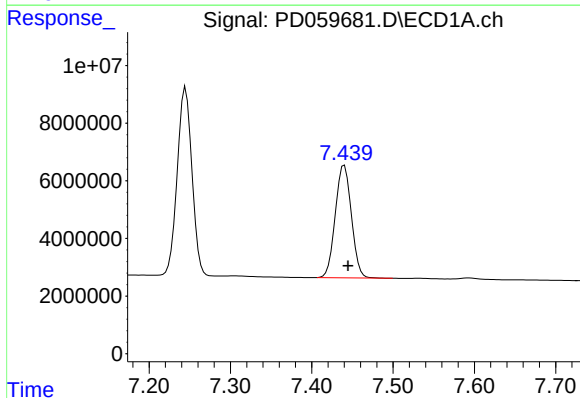
R.T.: 7.245 min
Delta R.T.: -0.004 min
Response: 81183906
Conc: 54.43 ng/ml

Instrument :
ECD_D
ClientSampleId :



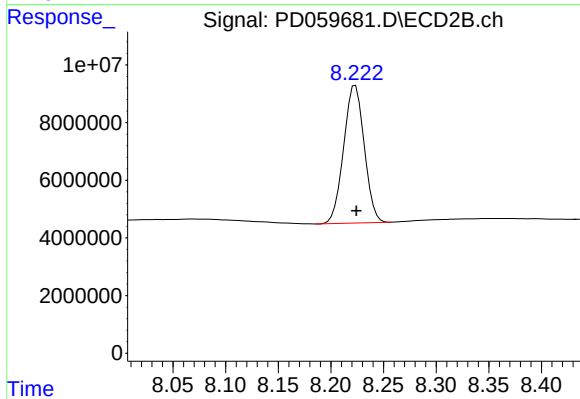
#21 Endrin ketone

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 109521246
Conc: 51.22 ng/ml



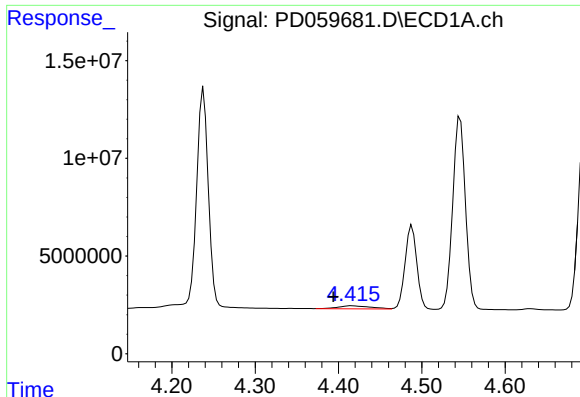
#22 Mirex

R.T.: 7.440 min
Delta R.T.: -0.004 min
Response: 53819637
Conc: 50.42 ng/ml



#22 Mirex

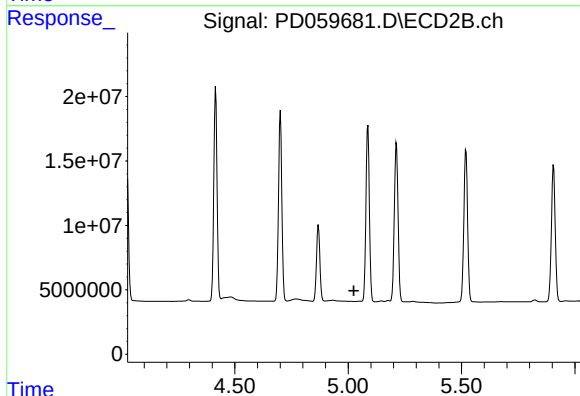
R.T.: 8.223 min
Delta R.T.: 0.000 min
Response: 65195899
Conc: 46.66 ng/ml



#23 Chlordane-1

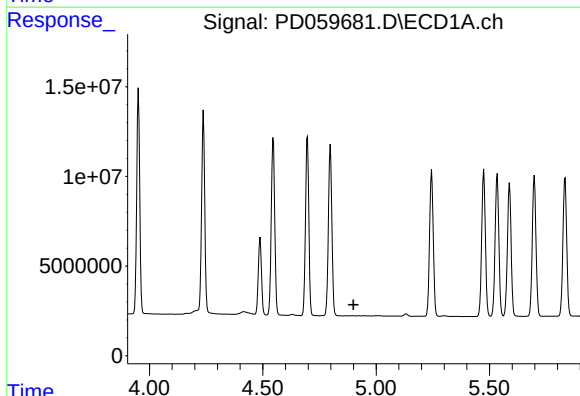
R.T.: 4.416 min
Delta R.T.: 0.022 min
Response: 4210080
Conc: 81.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



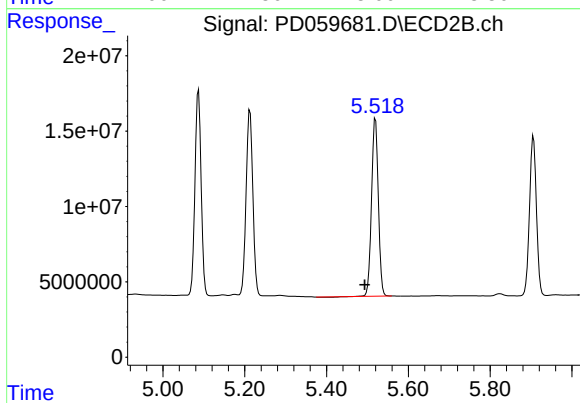
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.024 min
Response: 0
Conc: N.D.



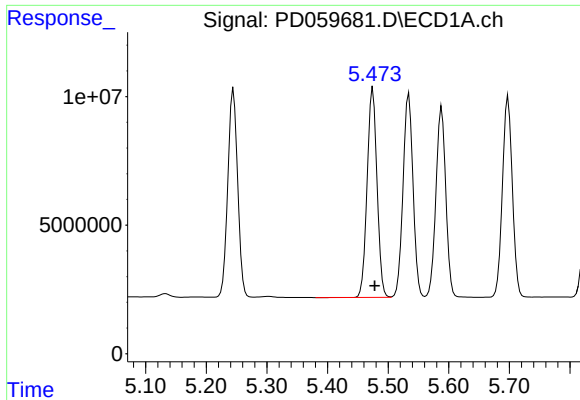
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.901 min
Response: 0
Conc: N.D.



#24 Chlordane-2

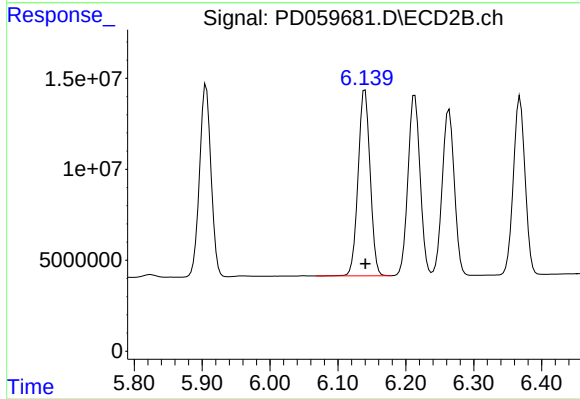
R.T.: 5.520 min
Delta R.T.: 0.027 min
Response: 135654776
Conc: 1706.18 ng/ml



#25 Chlordane-3

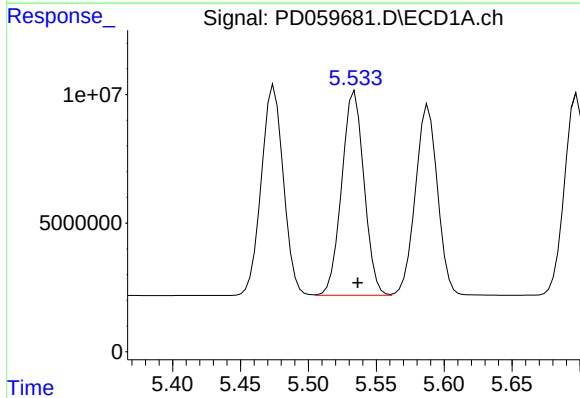
R.T.: 5.475 min
Delta R.T.: -0.003 min
Response: 92394596
Conc: 584.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



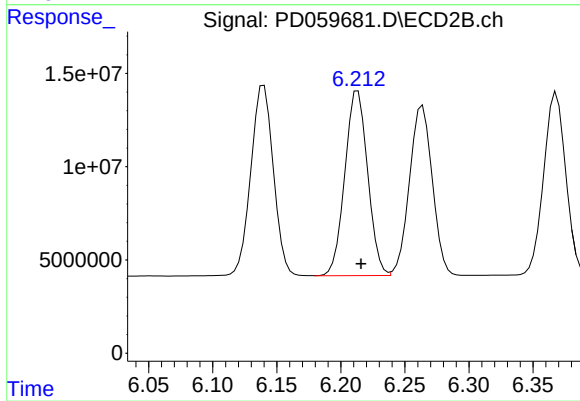
#25 Chlordane-3

R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 125523098
Conc: 397.79 ng/ml



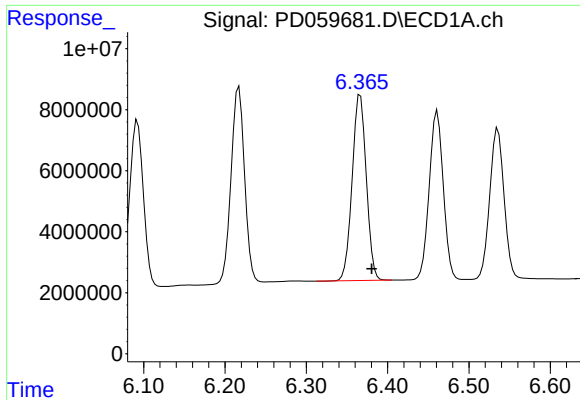
#26 Chlordane-4

R.T.: 5.534 min
Delta R.T.: -0.002 min
Response: 90834233
Conc: 716.67 ng/ml



#26 Chlordane-4

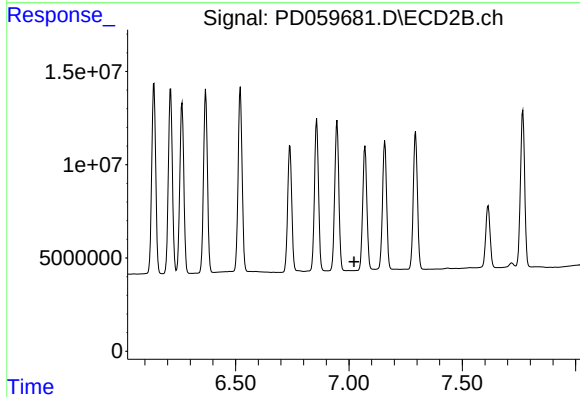
R.T.: 6.213 min
Delta R.T.: -0.003 min
Response: 122876847
Conc: 327.00 ng/ml



#27 Chlordane-5

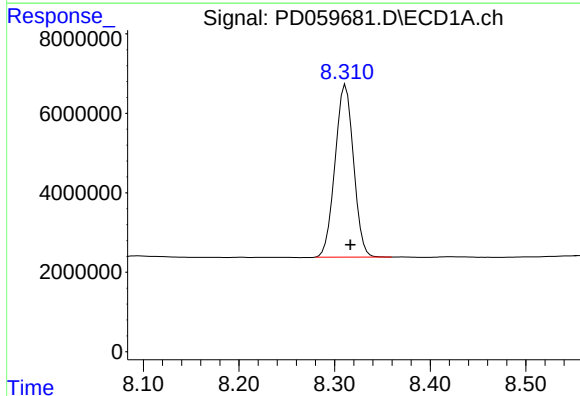
R.T.: 6.366 min
Delta R.T.: -0.014 min
Response: 73305593
Conc: 1390.35 ng/ml

Instrument :
ECD_D
ClientSampleId :



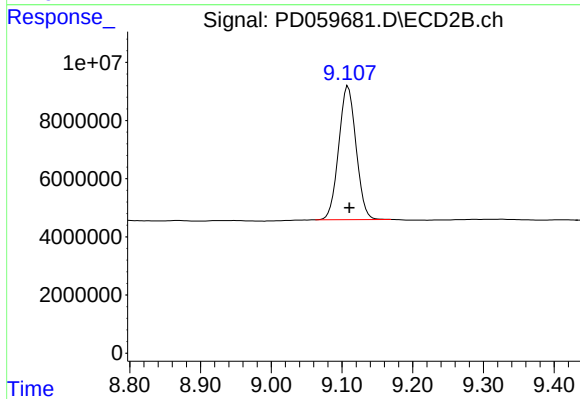
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.022 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.312 min
Delta R.T.: -0.005 min
Response: 58319713
Conc: 52.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.109 min
Delta R.T.: -0.002 min
Response: 78218685
Conc: 48.54 ng/ml