

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051220\
 Data File : PD057915.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2020 20:19
 Operator : AJ\MA
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

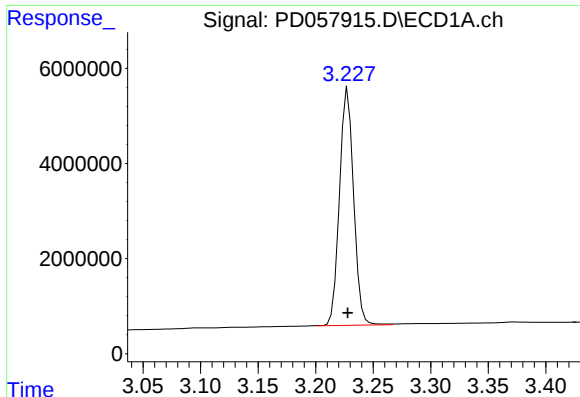
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 07:08:39 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051220.M
 Quant Title : GC Extractables
 QLast Update : Tue May 12 12:00:03 2020
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.228	3.896	42622156	58401163	49.195	49.646
28)	SA Decachlor...	7.873	8.900	41104988	51103536	45.622	44.846
Target Compounds							
2)	A alpha-BHC	3.651	4.280	68817626	91794957	50.834	51.250
3)	MA gamma-BHC...	3.923	4.560	66188862	85989025	47.907	50.191
4)	MA Heptachlor	4.203	5.061	56936321	82451053	50.520	49.372
5)	MB Aldrin	4.439	5.363	57864131	78938299	49.580	49.825
6)	B beta-BHC	4.172	4.731	25736763	36300162	49.466	49.479
7)	B delta-BHC	4.364	4.943	64278644	77169150	50.563	49.657
8)	B Heptachlo...	4.873	5.746	53994671	73694918	49.383	47.988
9)	A Endosulfan I	5.201	6.099	50008271	67200244	48.794	47.925
10)	B gamma-Chl...	5.093	5.979	54686640	73734916	48.863	48.055
11)	B alpha-Chl...	5.150	6.051	54086413	73442901	48.500	47.790
12)	B 4,4'-DDE	5.319	6.210	51492356	67933440	48.966	48.833
13)	MA Dieldrin	5.439	6.354	54452033	71041714	49.465	48.505
14)	MA Endrin	5.691	6.570	45692191	58071418	46.986	45.889
15)	B Endosulfa...	5.963	6.779	47379318	61675402	48.323	47.563
16)	A 4,4'-DDD	5.827	6.697	44290180	58583675	52.030	49.526
17)	MA 4,4'-DDT	6.061	6.994	37854967	52553240	46.354	44.693
18)	B Endrin al...	6.132	6.904	39714166	52830583	48.139	47.147
19)	B Endosulfa...	6.342	7.126	44511884	58629178	48.175	47.374
20)	A Methoxychlor	6.610	7.453	20379061	30284243	49.440	43.993
21)	B Endrin ke...	6.823	7.592	55681543	67209881	48.937	47.919
22)	Mirex	6.995	8.043	40510952	48062270	45.697	45.072
24)	Chlordane-2	0.000	5.363f	0	78938299	N.D.	1545.247 #
25)	Chlordane-3	5.093	5.979	54686640	73734916	540.120	388.812 #
26)	Chlordane-4	5.150	6.051	54086413	73442901	583.613	323.091 #
27)	Chlordane-5	5.963	0.000	47379318	0	1444.677	N.D. #

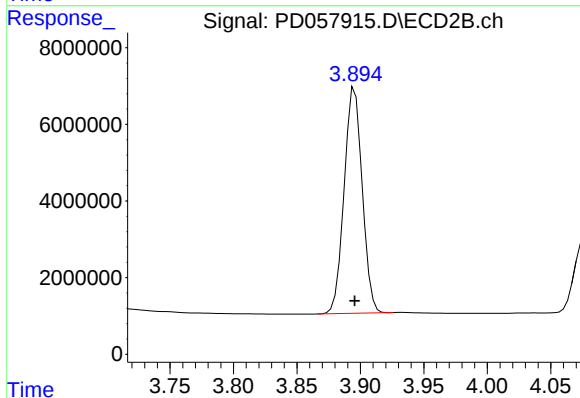
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

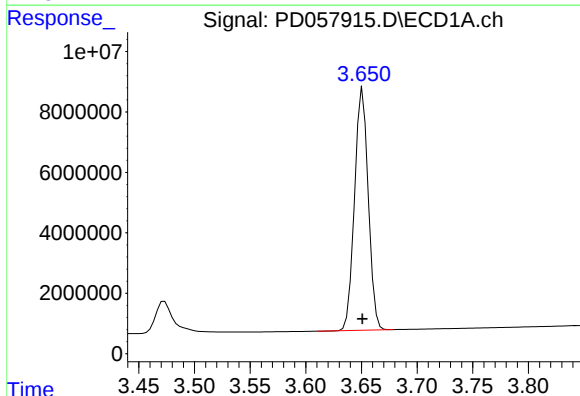
R.T.: 3.228 min
Delta R.T.: 0.000 min
Response: 42622156
Conc: 49.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



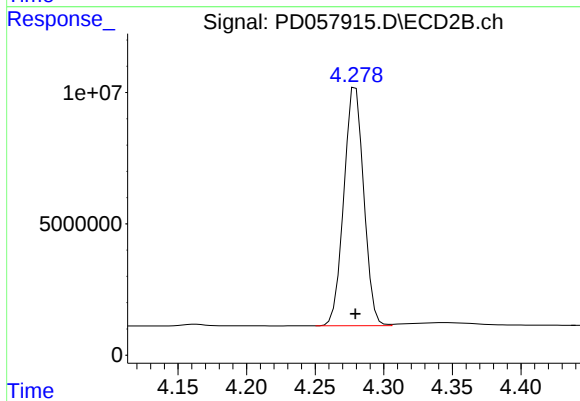
#1 Tetrachloro-m-xylene

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 58401163
Conc: 49.65 ng/ml



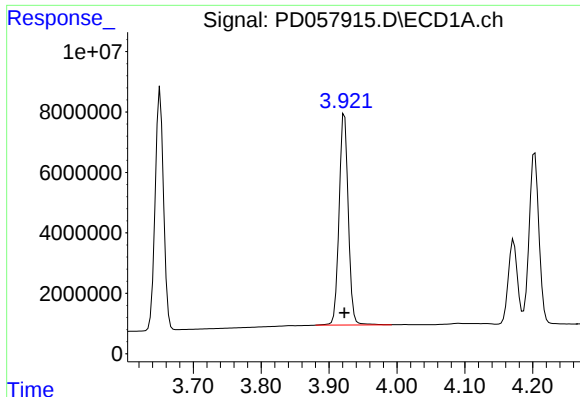
#2 alpha-BHC

R.T.: 3.651 min
Delta R.T.: 0.000 min
Response: 68817626
Conc: 50.83 ng/ml



#2 alpha-BHC

R.T.: 4.280 min
Delta R.T.: 0.000 min
Response: 91794957
Conc: 51.25 ng/ml



#3 gamma-BHC (Lindane)

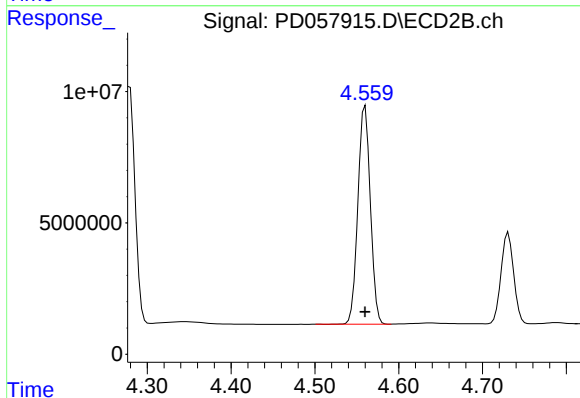
R.T.: 3.923 min

Delta R.T.: 0.000 min

Response: 66188862

Conc: 47.91 ng/ml

Instrument :
ECD_D
ClientSampleId :



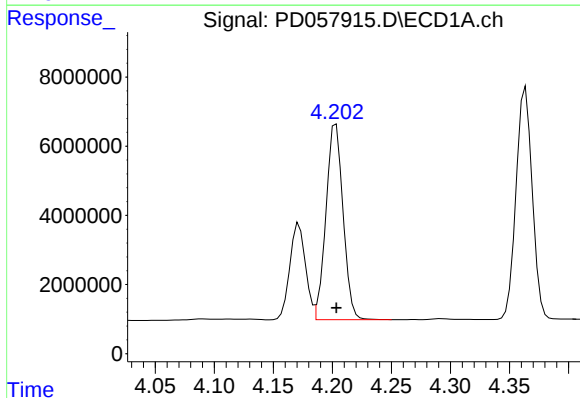
#3 gamma-BHC (Lindane)

R.T.: 4.560 min

Delta R.T.: 0.000 min

Response: 85989025

Conc: 50.19 ng/ml



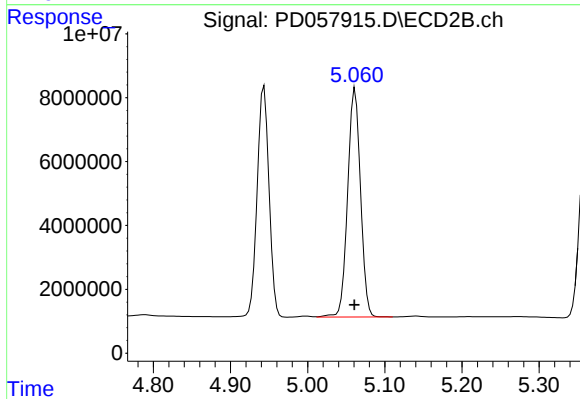
#4 Heptachlor

R.T.: 4.203 min

Delta R.T.: 0.000 min

Response: 56936321

Conc: 50.52 ng/ml



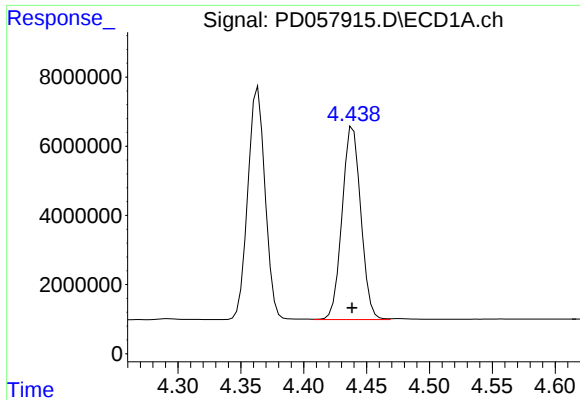
#4 Heptachlor

R.T.: 5.061 min

Delta R.T.: 0.000 min

Response: 82451053

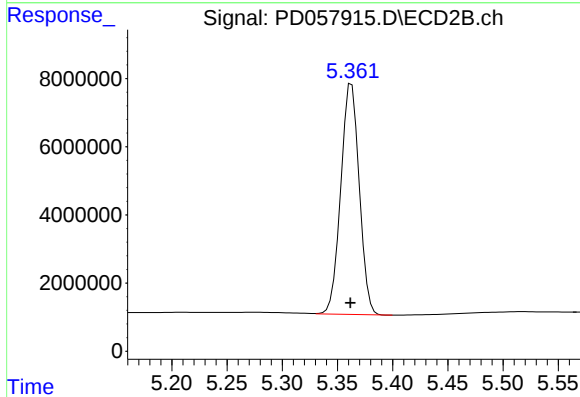
Conc: 49.37 ng/ml



#5 Aldrin

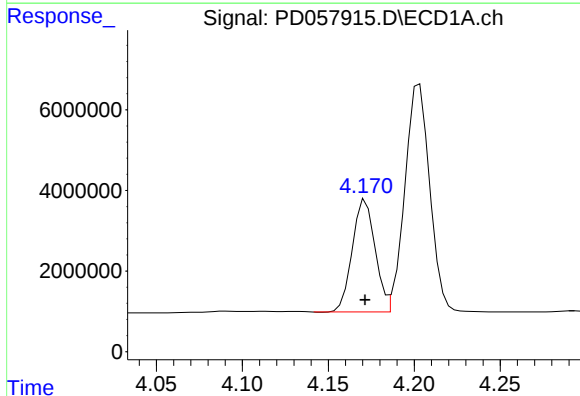
R.T.: 4.439 min
Delta R.T.: 0.000 min
Response: 57864131
Conc: 49.58 ng/ml

Instrument :
ECD_D
ClientSampleId :



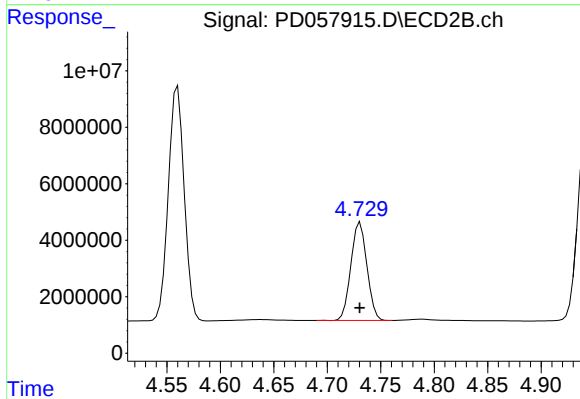
#5 Aldrin

R.T.: 5.363 min
Delta R.T.: 0.001 min
Response: 78938299
Conc: 49.82 ng/ml



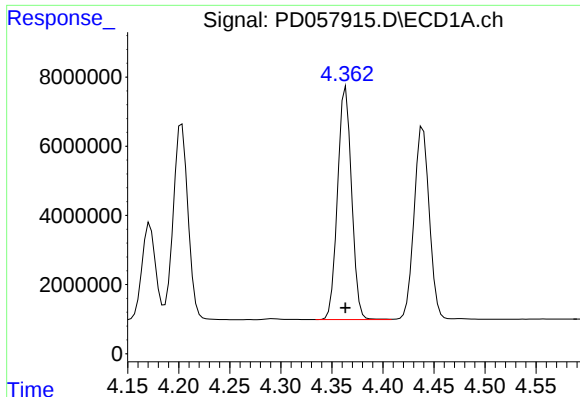
#6 beta-BHC

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 25736763
Conc: 49.47 ng/ml



#6 beta-BHC

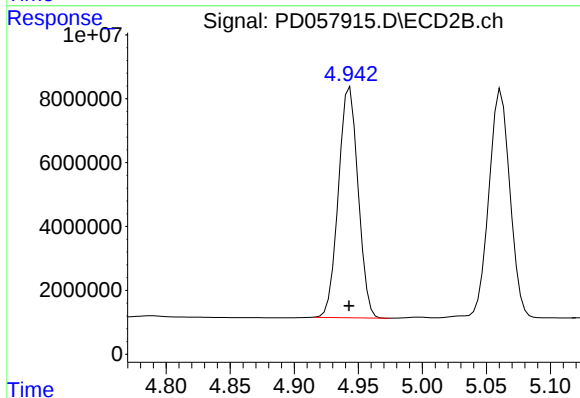
R.T.: 4.731 min
Delta R.T.: 0.000 min
Response: 36300162
Conc: 49.48 ng/ml



#7 delta-BHC

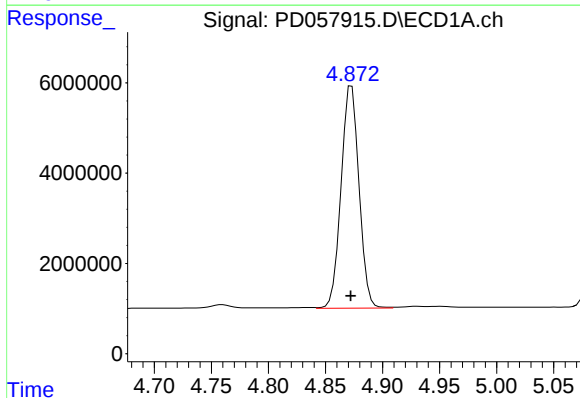
R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 64278644
Conc: 50.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



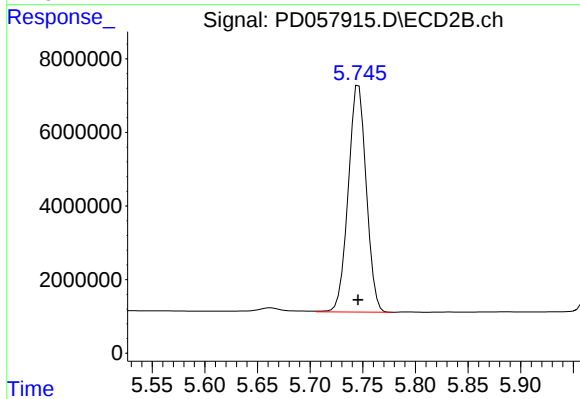
#7 delta-BHC

R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 77169150
Conc: 49.66 ng/ml



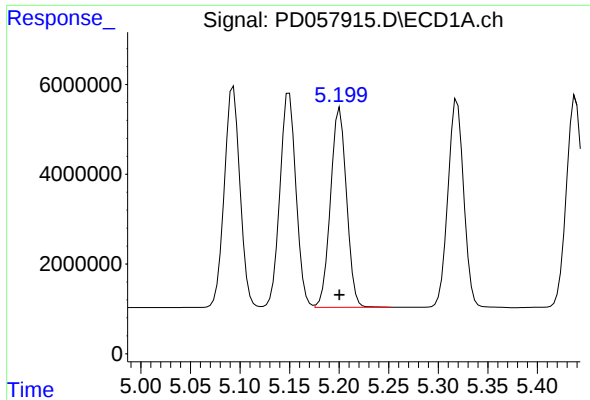
#8 Heptachlor epoxide

R.T.: 4.873 min
Delta R.T.: 0.000 min
Response: 53994671
Conc: 49.38 ng/ml



#8 Heptachlor epoxide

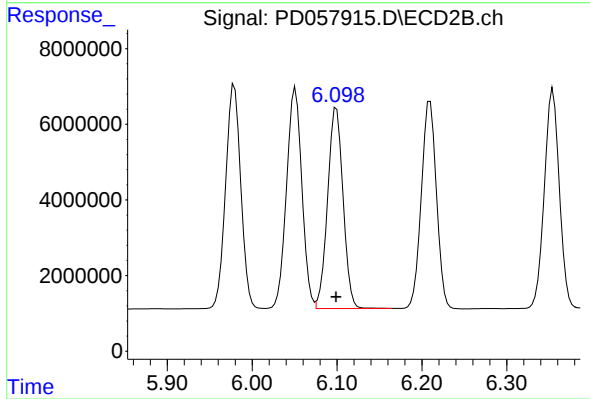
R.T.: 5.746 min
Delta R.T.: 0.000 min
Response: 73694918
Conc: 47.99 ng/ml



#9 Endosulfan I

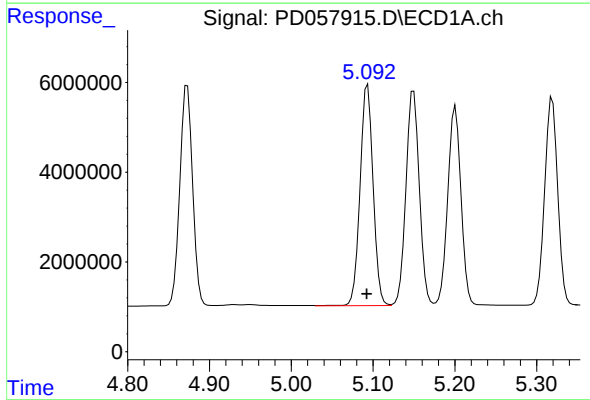
R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 50008271
Conc: 48.79 ng/ml

Instrument :
ECD_D
ClientSampleId :



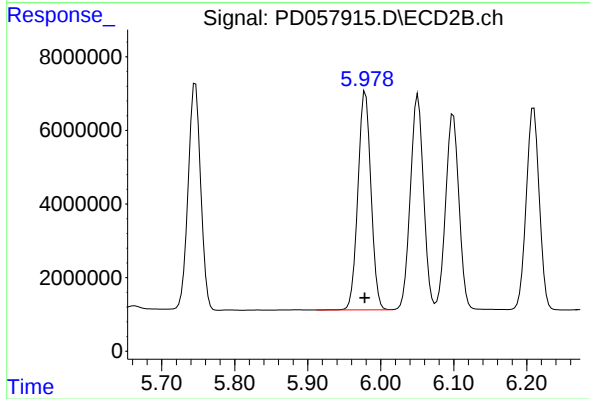
#9 Endosulfan I

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 67200244
Conc: 47.92 ng/ml



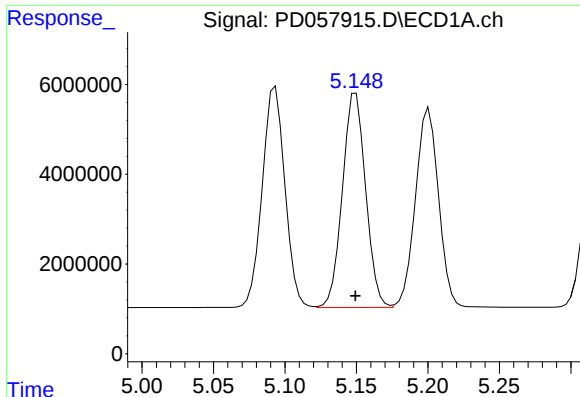
#10 gamma-Chlordane

R.T.: 5.093 min
Delta R.T.: 0.001 min
Response: 54686640
Conc: 48.86 ng/ml



#10 gamma-Chlordane

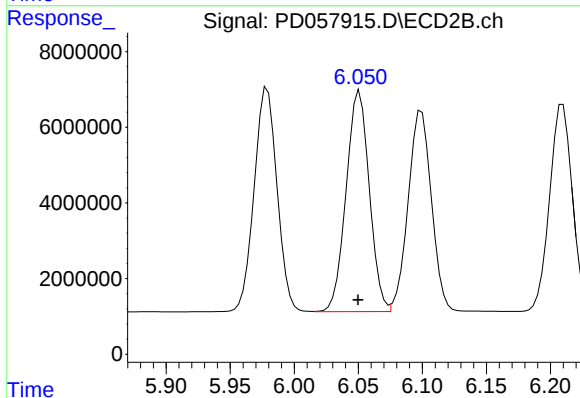
R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 73734916
Conc: 48.05 ng/ml



#11 alpha-Chlordane

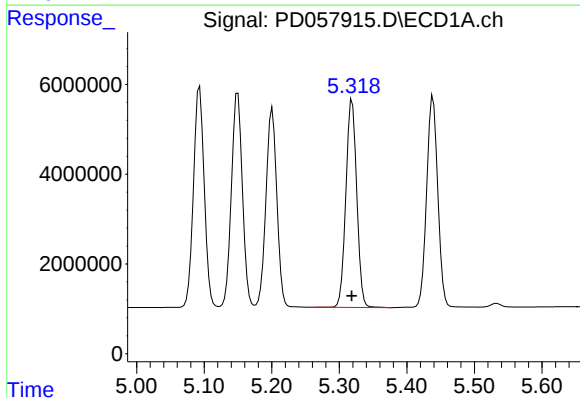
R.T.: 5.150 min
Delta R.T.: 0.000 min
Response: 54086413
Conc: 48.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



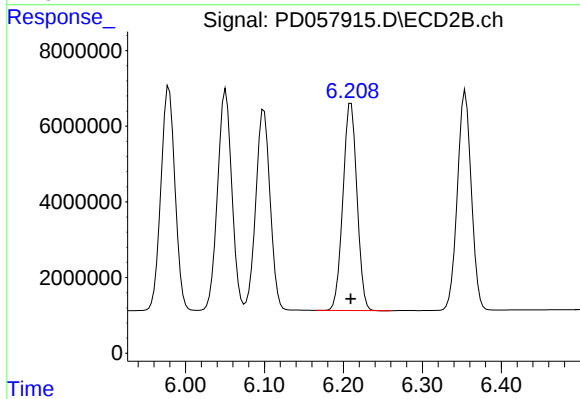
#11 alpha-Chlordane

R.T.: 6.051 min
Delta R.T.: 0.001 min
Response: 73442901
Conc: 47.79 ng/ml



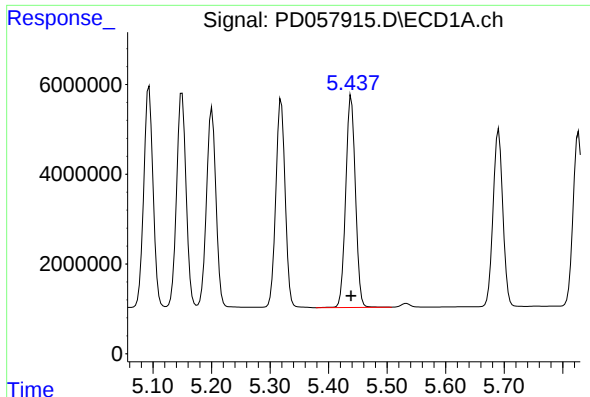
#12 4,4'-DDE

R.T.: 5.319 min
Delta R.T.: 0.000 min
Response: 51492356
Conc: 48.97 ng/ml



#12 4,4'-DDE

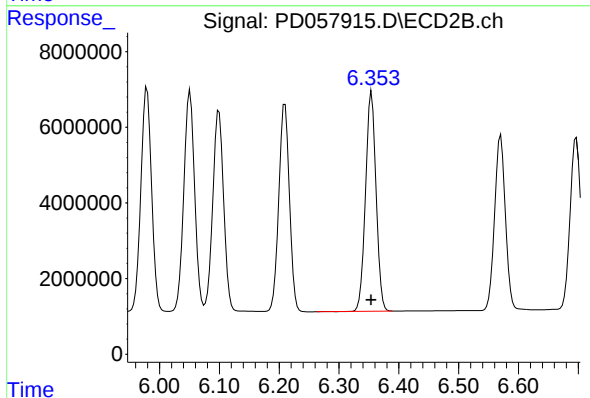
R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 67933440
Conc: 48.83 ng/ml



#13 Dieldrin

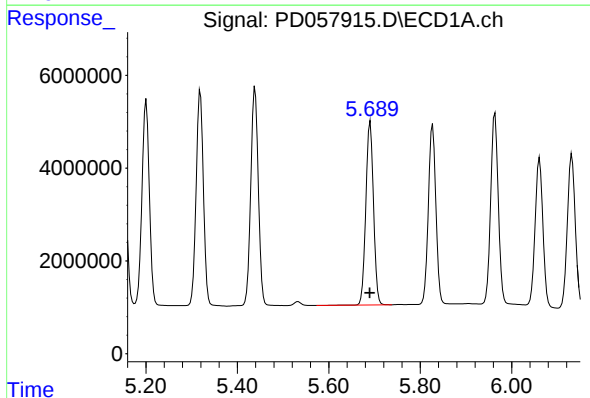
R.T.: 5.439 min
Delta R.T.: 0.000 min
Response: 54452033
Conc: 49.46 ng/ml

Instrument :
ECD_D
ClientSampleId :



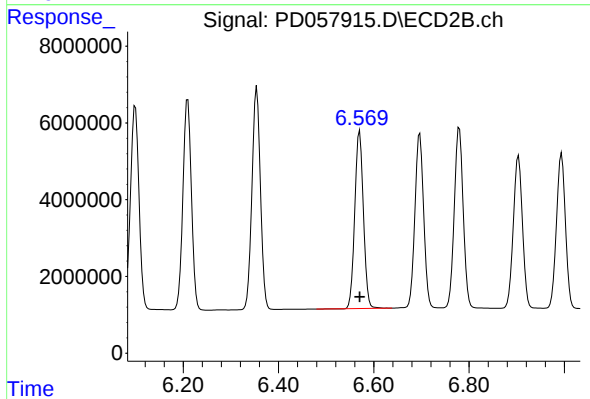
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 71041714
Conc: 48.50 ng/ml



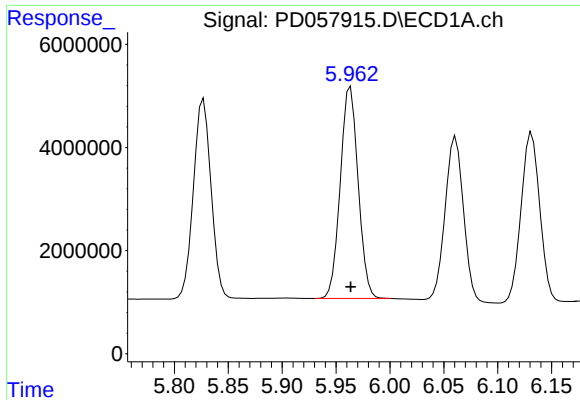
#14 Endrin

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 45692191
Conc: 46.99 ng/ml



#14 Endrin

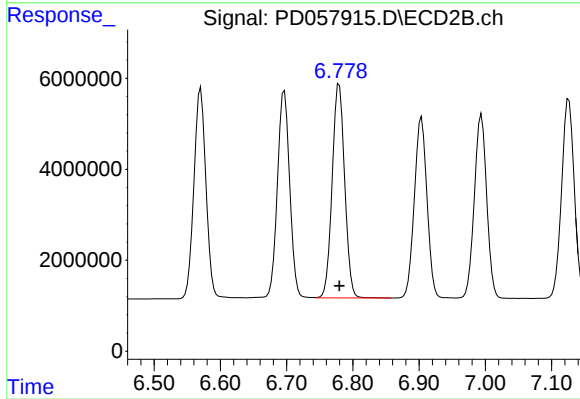
R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 58071418
Conc: 45.89 ng/ml



#15 Endosulfan II

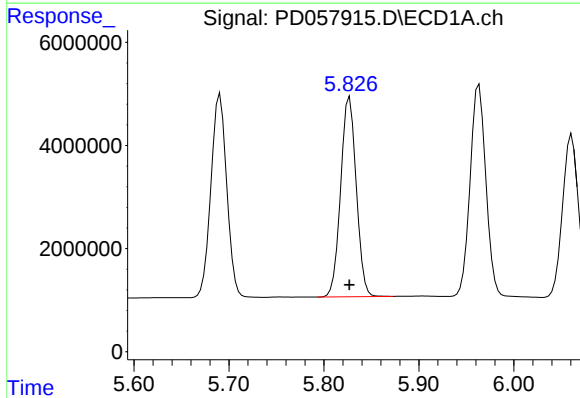
R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 47379318
Conc: 48.32 ng/ml

Instrument :
ECD_D
ClientSampleId :



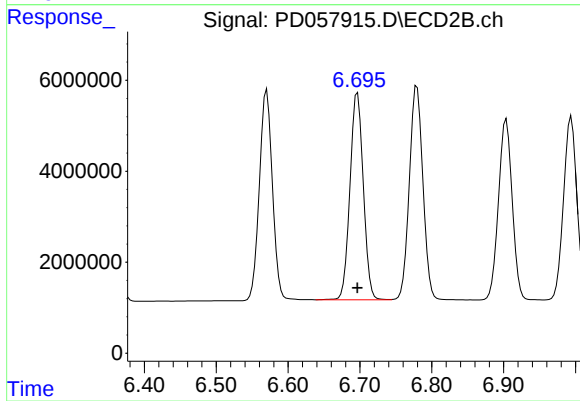
#15 Endosulfan II

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 61675402
Conc: 47.56 ng/ml



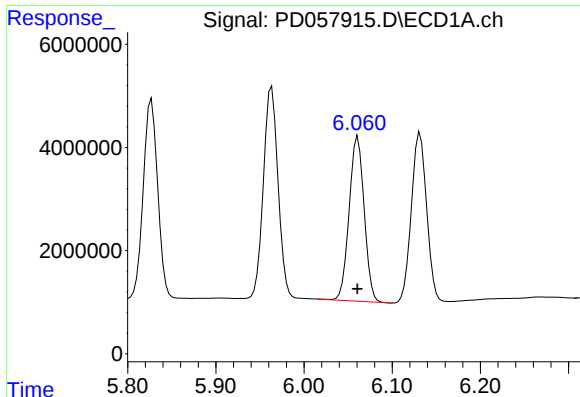
#16 4,4'-DDD

R.T.: 5.827 min
Delta R.T.: 0.000 min
Response: 44290180
Conc: 52.03 ng/ml



#16 4,4'-DDD

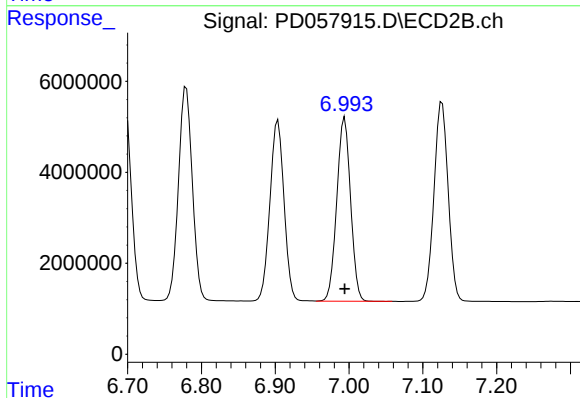
R.T.: 6.697 min
Delta R.T.: 0.000 min
Response: 58583675
Conc: 49.53 ng/ml



#17 4,4'-DDT

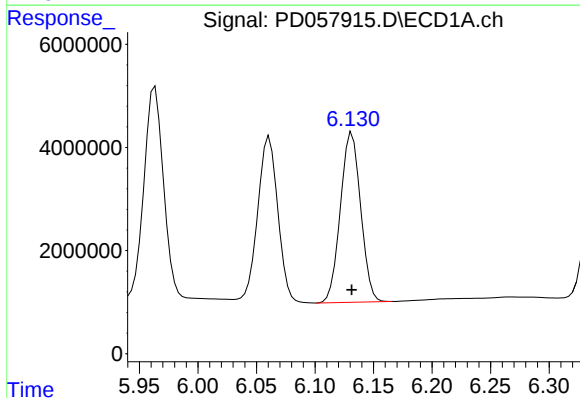
R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 37854967
Conc: 46.35 ng/ml

Instrument :
ECD_D
ClientSampleId :



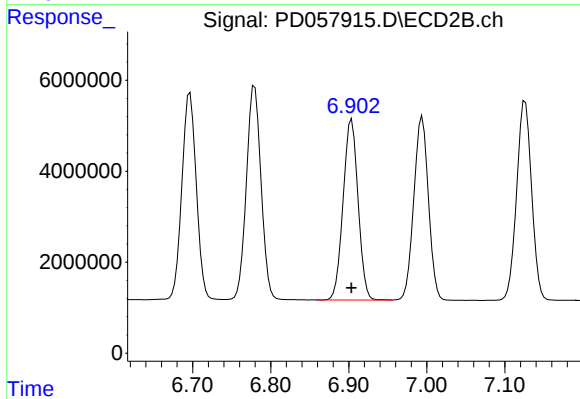
#17 4,4'-DDT

R.T.: 6.994 min
Delta R.T.: 0.000 min
Response: 52553240
Conc: 44.69 ng/ml



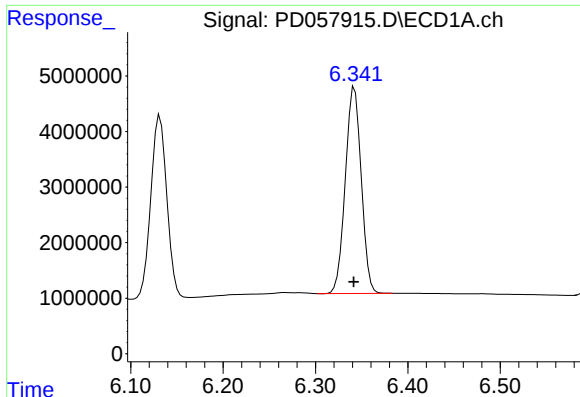
#18 Endrin aldehyde

R.T.: 6.132 min
Delta R.T.: 0.000 min
Response: 39714166
Conc: 48.14 ng/ml



#18 Endrin aldehyde

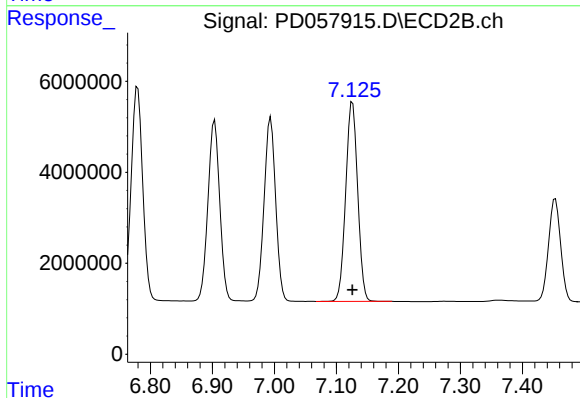
R.T.: 6.904 min
Delta R.T.: 0.000 min
Response: 52830583
Conc: 47.15 ng/ml



#19 Endosulfan Sulfate

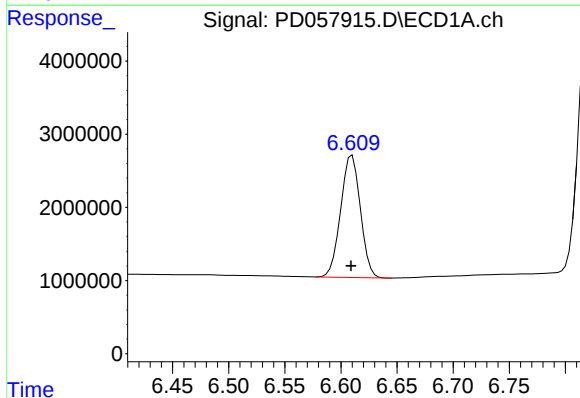
R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 44511884
Conc: 48.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



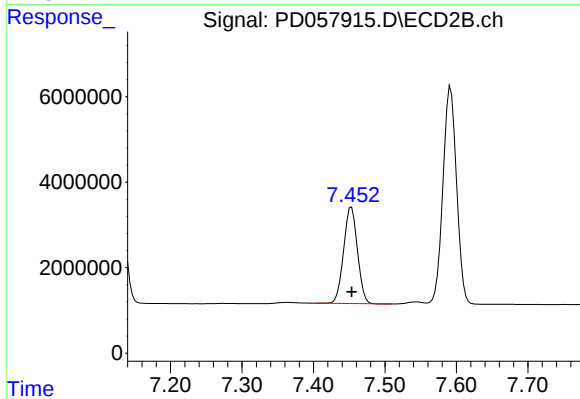
#19 Endosulfan Sulfate

R.T.: 7.126 min
Delta R.T.: 0.000 min
Response: 58629178
Conc: 47.37 ng/ml



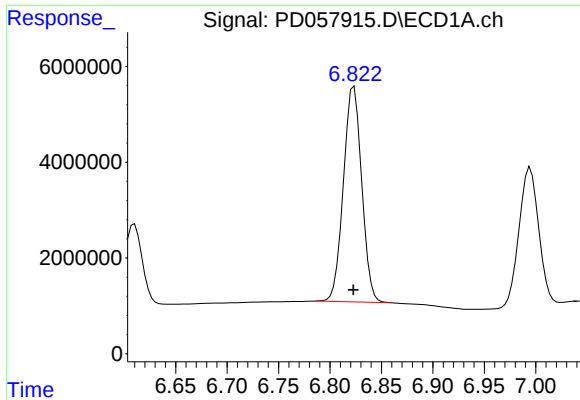
#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.001 min
Response: 20379061
Conc: 49.44 ng/ml



#20 Methoxychlor

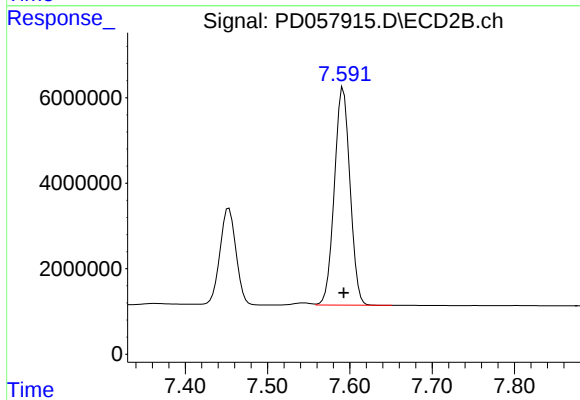
R.T.: 7.453 min
Delta R.T.: 0.000 min
Response: 30284243
Conc: 43.99 ng/ml



#21 Endrin ketone

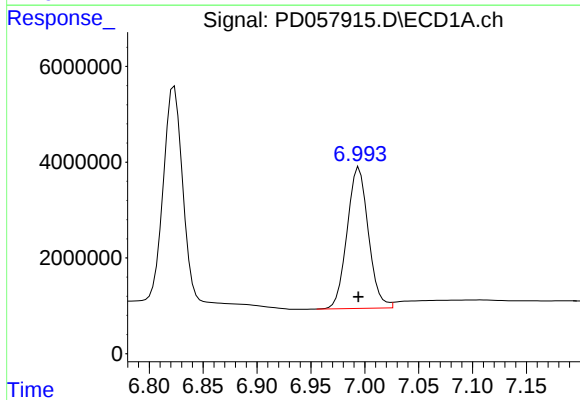
R.T.: 6.823 min
Delta R.T.: 0.000 min
Response: 55681543
Conc: 48.94 ng/ml

Instrument :
ECD_D
ClientSampleId :



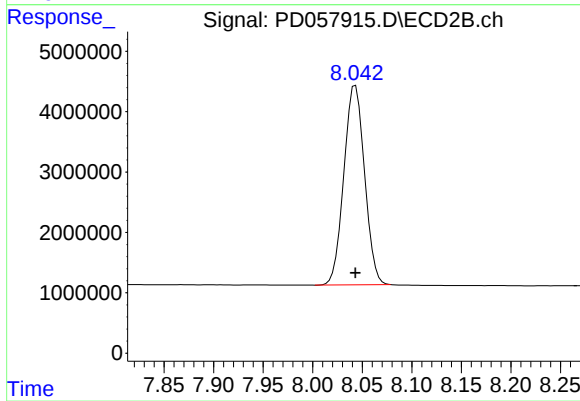
#21 Endrin ketone

R.T.: 7.592 min
Delta R.T.: 0.000 min
Response: 67209881
Conc: 47.92 ng/ml



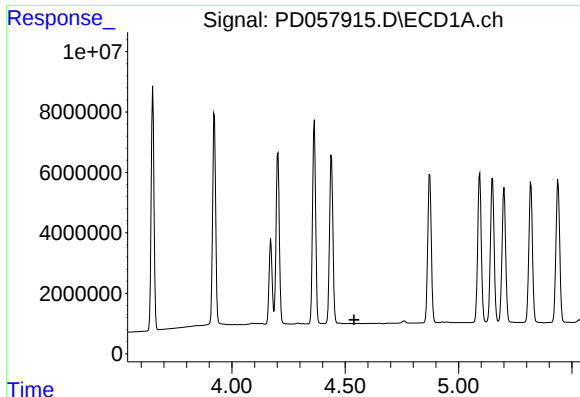
#22 Mirex

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 40510952
Conc: 45.70 ng/ml



#22 Mirex

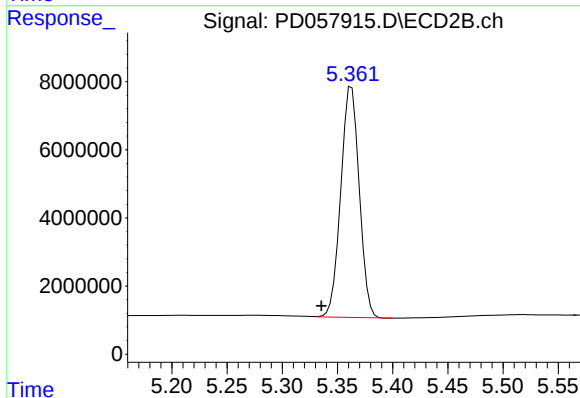
R.T.: 8.043 min
Delta R.T.: 0.000 min
Response: 48062270
Conc: 45.07 ng/ml



#24 Chlordane-2

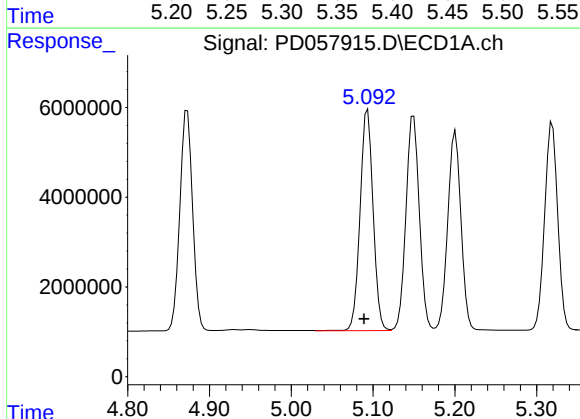
R.T.: 0.000 min
Exp R.T.: 4.539 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



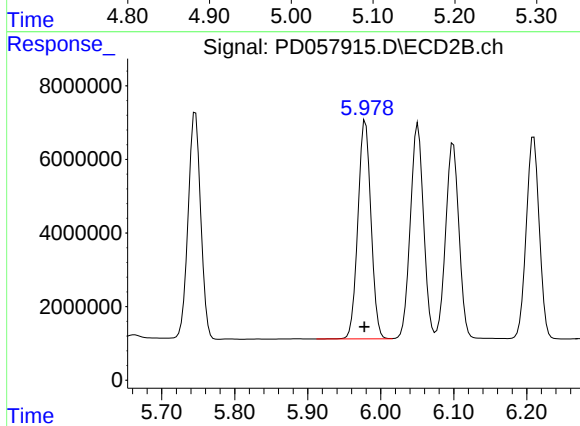
#24 Chlordane-2

R.T.: 5.363 min
Delta R.T.: 0.027 min
Response: 78938299
Conc: 1545.25 ng/ml



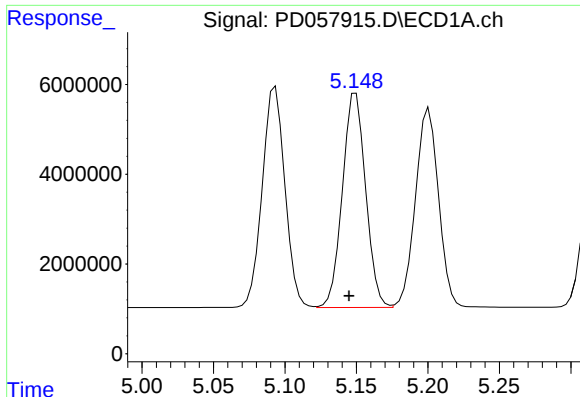
#25 Chlordane-3

R.T.: 5.093 min
Delta R.T.: 0.004 min
Response: 54686640
Conc: 540.12 ng/ml



#25 Chlordane-3

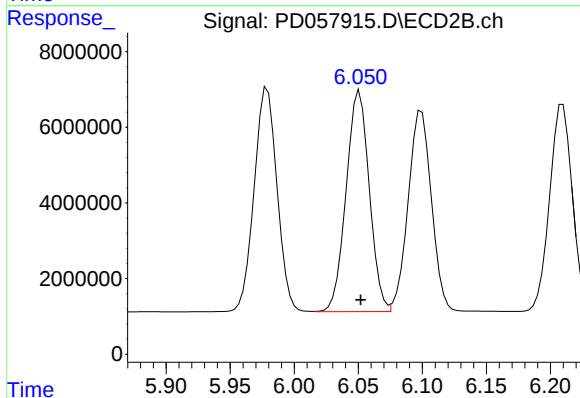
R.T.: 5.979 min
Delta R.T.: 0.001 min
Response: 73734916
Conc: 388.81 ng/ml



#26 Chlordane-4

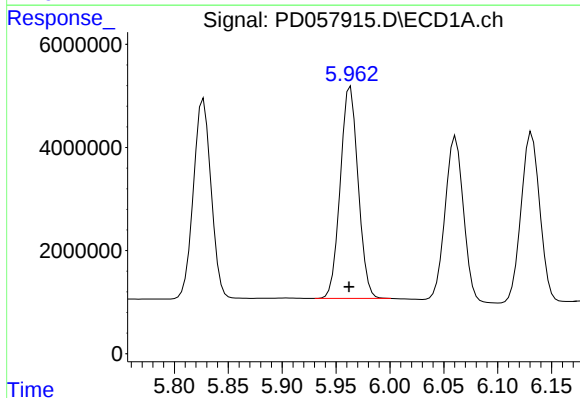
R.T.: 5.150 min
Delta R.T.: 0.005 min
Response: 54086413
Conc: 583.61 ng/ml

Instrument :
ECD_D
ClientSampleId :



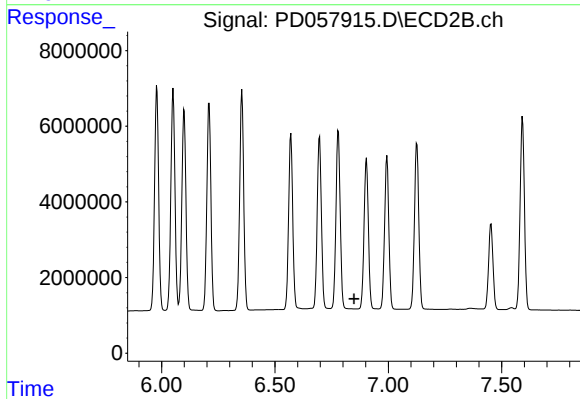
#26 Chlordane-4

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 73442901
Conc: 323.09 ng/ml



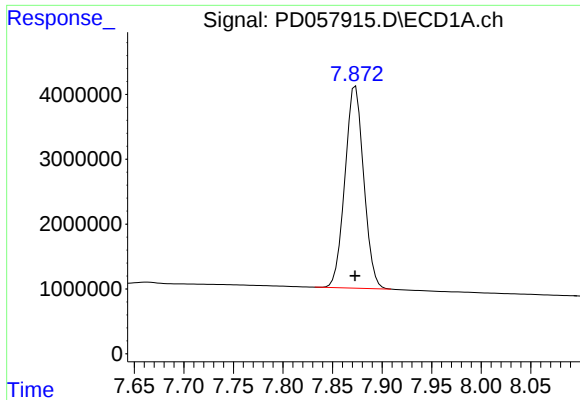
#27 Chlordane-5

R.T.: 5.963 min
Delta R.T.: 0.002 min
Response: 47379318
Conc: 1444.68 ng/ml



#27 Chlordane-5

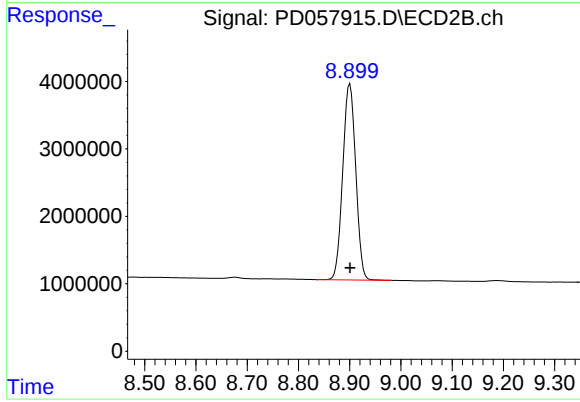
R.T.: 0.000 min
Exp R.T.: 6.849 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.873 min
Delta R.T.: 0.000 min
Response: 41104988
Conc: 45.62 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.900 min
Delta R.T.: 0.000 min
Response: 51103536
Conc: 44.85 ng/ml