

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100323\
 Data File : PD078551.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2023 23:35
 Operator : AR\AJ
 Sample : PB156052BSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

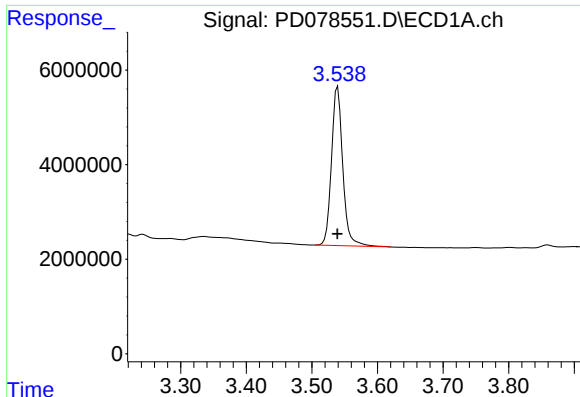
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 01:30:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100323.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 03 01:10:04 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.539	2.758	40147372	27455386	13.907	13.443
28)	SA Decachlor...	9.077	7.893	57677231	33755964	15.552	14.876
Target Compounds							
2)	A alpha-BHC	3.996	3.259	209.3E6	130.2E6	43.106	43.430
3)	MA gamma-BHC...	4.329	3.588	193.7E6	122.2E6	41.410	42.187
4)	MA Heptachlor	4.920	3.927	212.0E6	132.4E6	45.087	44.868
5)	MB Aldrin	5.262	4.206	205.1E6	124.9E6	42.463	42.108
6)	B beta-BHC	4.527	3.885	78099675	49838127	42.050	43.122
7)	B delta-BHC	4.776	4.114	192.6E6	120.6E6	42.755	42.155
8)	B Heptachlo...	5.690	4.707	182.2E6	116.7E6	43.381	43.179
9)	A Endosulfan I	6.077	5.078	172.8E6	110.2E6	44.236	43.806
10)	B gamma-Chl...	5.946	4.957	185.1E6	117.2E6	44.077	43.605
11)	B alpha-Chl...	6.026	5.022	184.4E6	116.2E6	43.766	43.268
12)	B 4,4'-DDE	6.198	5.210	176.9E6	112.0E6	44.196	44.007
13)	MA Dieldrin	6.352	5.342	180.8E6	117.9E6	43.093	42.237
14)	MA Endrin	6.583	5.618	152.7E6	107.9E6	45.471	43.594
15)	B Endosulfa...	6.803	5.912	148.6E6	97346521	41.284	40.892
16)	A 4,4'-DDD	6.717	5.765	135.2E6	88575784	45.436	44.762
17)	MA 4,4'-DDT	7.032	6.016	142.9E6	91664943	48.281	45.033
18)	B Endrin al...	6.933	6.091	103.9E6	77108624	38.886	41.593
19)	B Endosulfa...	7.169	6.314	142.8E6	97298104	44.436	43.856
20)	A Methoxychlor	7.508	6.591	74544630	47859895	44.666	43.867
21)	B Endrin ke...	7.655	6.821	157.7E6	112.9E6	43.899	43.020
22)	Mirex	8.129	7.001	117.5E6	87639206	43.985	43.006
23)	Chlordane-1	0.000	3.749	0	151996	N.D.	2.090 #
24)	Chlordane-2	5.262f	0.000	205.1E6	0	1438.531	N.D. #
25)	Chlordane-3	5.946	4.957	185.1E6	117.2E6	316.369	454.810 #
26)	Chlordane-4	6.026	5.022	184.4E6	116.2E6	260.632	462.630 #
27)	Chlordane-5	0.000	5.912	0	97346521	N.D.	1132.838 #

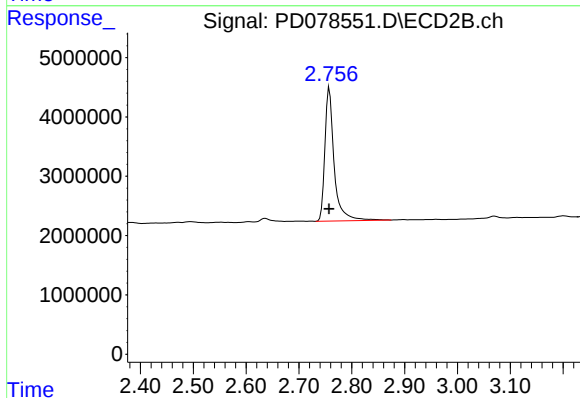
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

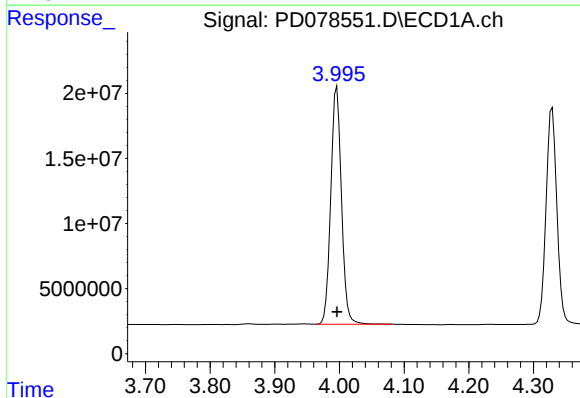
R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 40147372
Conc: 13.91 ng/ml

Instrument :
ECD_D
ClientSampleId :



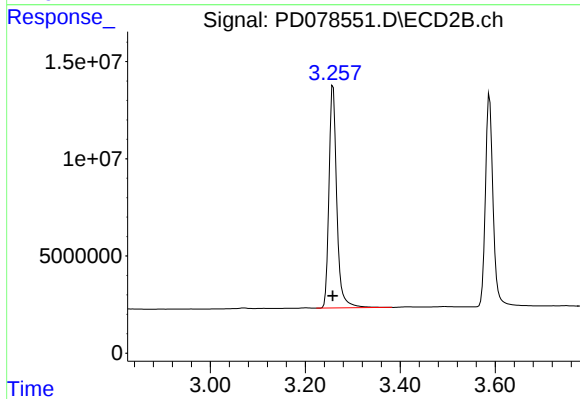
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 27455386
Conc: 13.44 ng/ml



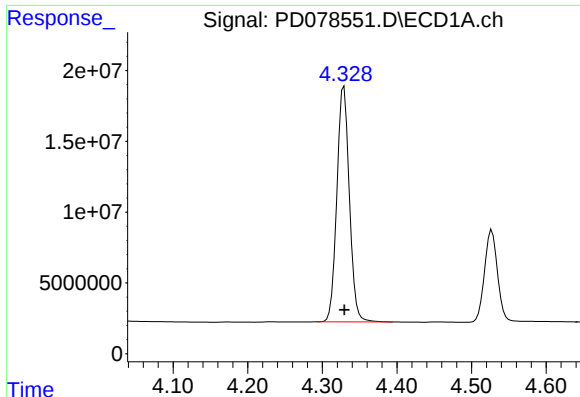
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 209335377
Conc: 43.11 ng/ml



#2 alpha-BHC

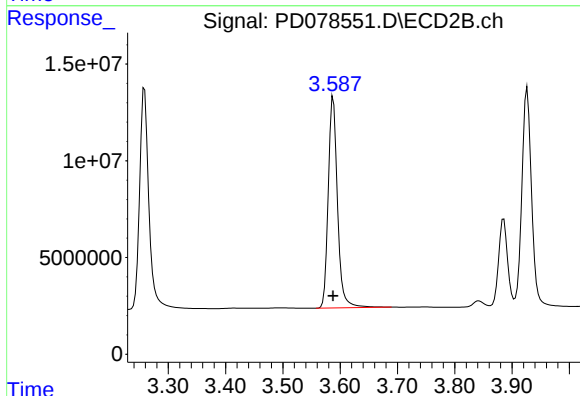
R.T.: 3.259 min
Delta R.T.: 0.000 min
Response: 130183385
Conc: 43.43 ng/ml



#3 gamma-BHC (Lindane)

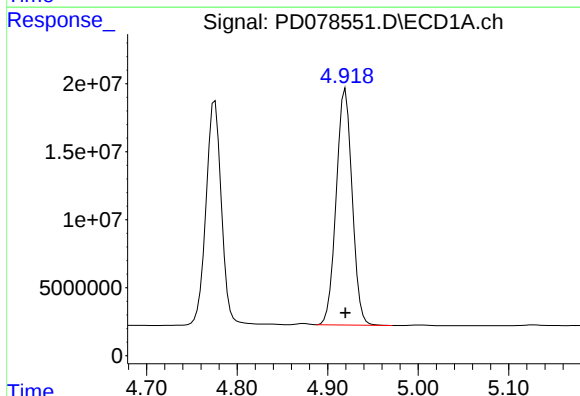
R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 193722256
Conc: 41.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



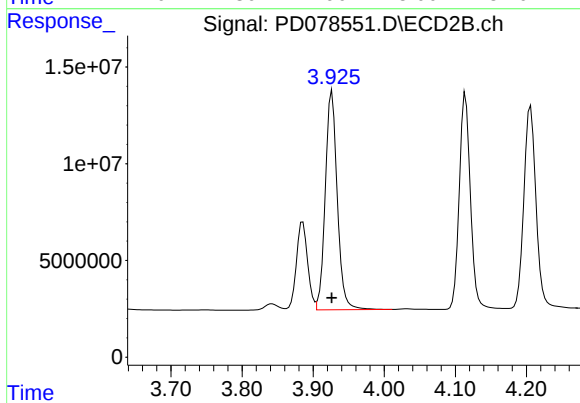
#3 gamma-BHC (Lindane)

R.T.: 3.588 min
Delta R.T.: 0.000 min
Response: 122223925
Conc: 42.19 ng/ml



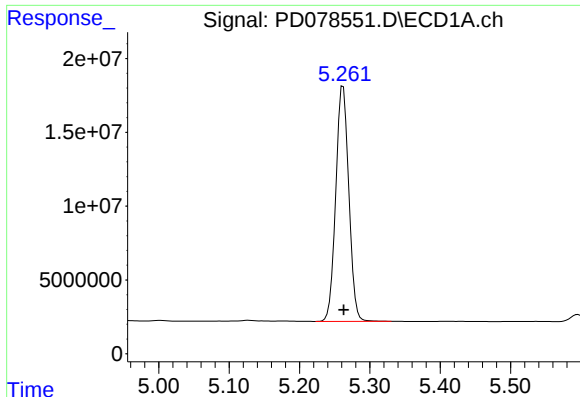
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 211974377
Conc: 45.09 ng/ml



#4 Heptachlor

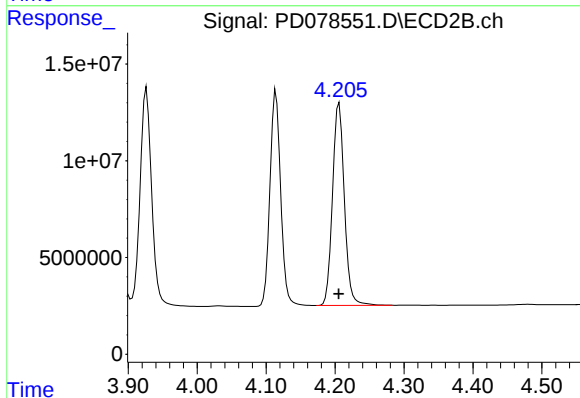
R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 132381345
Conc: 44.87 ng/ml



#5 Aldrin

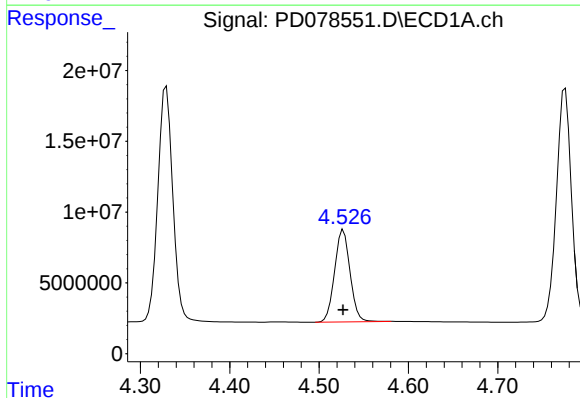
R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 205141327
Conc: 42.46 ng/ml

Instrument :
ECD_D
ClientSampleId :



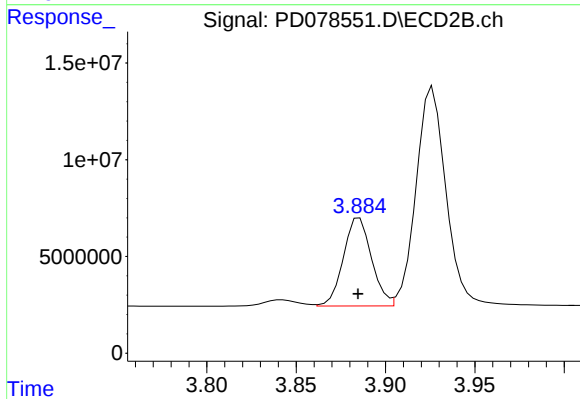
#5 Aldrin

R.T.: 4.206 min
Delta R.T.: 0.000 min
Response: 124931004
Conc: 42.11 ng/ml



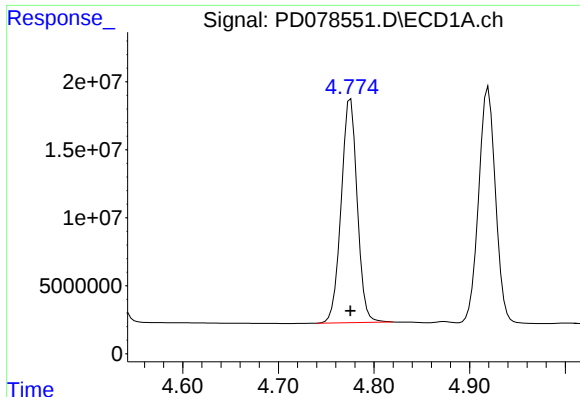
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 78099675
Conc: 42.05 ng/ml



#6 beta-BHC

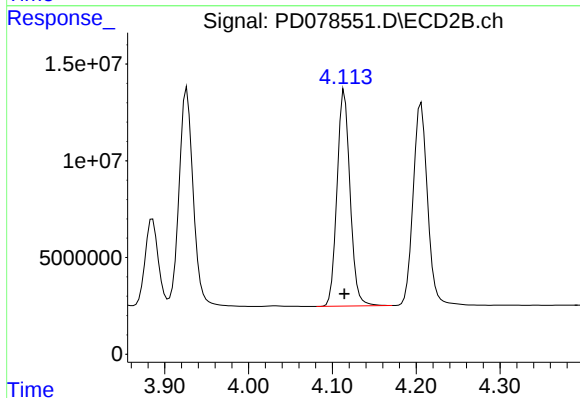
R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 49838127
Conc: 43.12 ng/ml



#7 delta-BHC

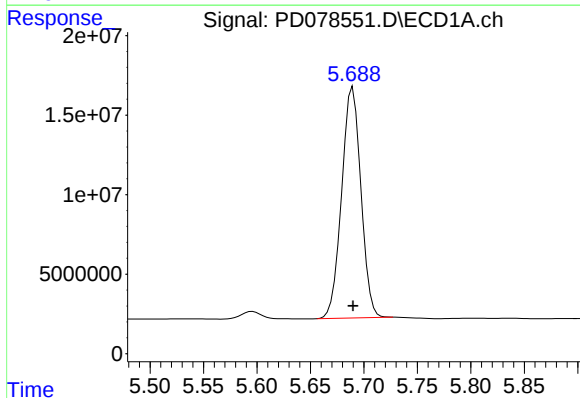
R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 192571915
Conc: 42.75 ng/ml

Instrument :
ECD_D
ClientSampleId :



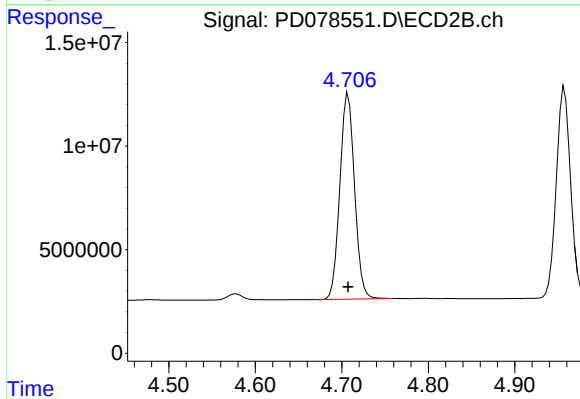
#7 delta-BHC

R.T.: 4.114 min
Delta R.T.: 0.000 min
Response: 120614115
Conc: 42.15 ng/ml



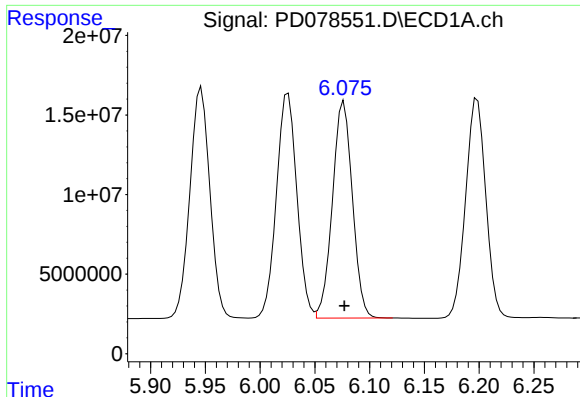
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 182202090
Conc: 43.38 ng/ml



#8 Heptachlor epoxide

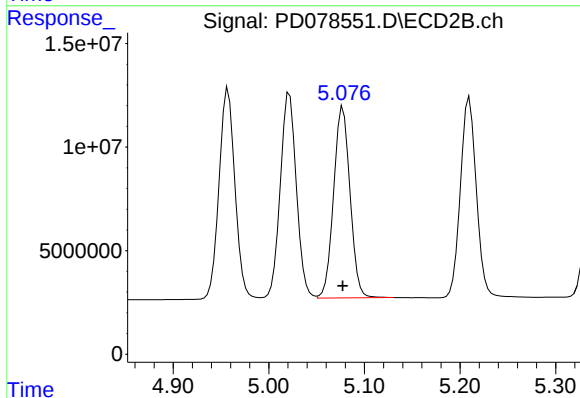
R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 116702106
Conc: 43.18 ng/ml



#9 Endosulfan I

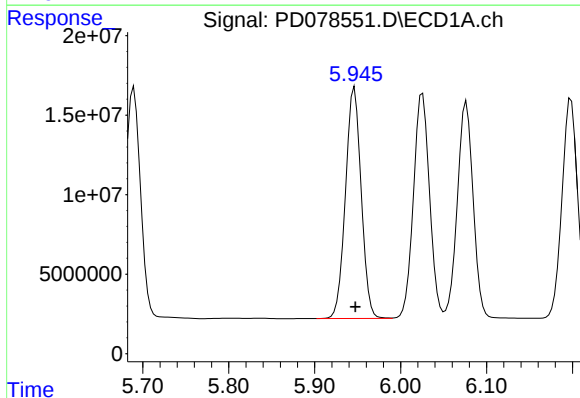
R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 172822013
Conc: 44.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



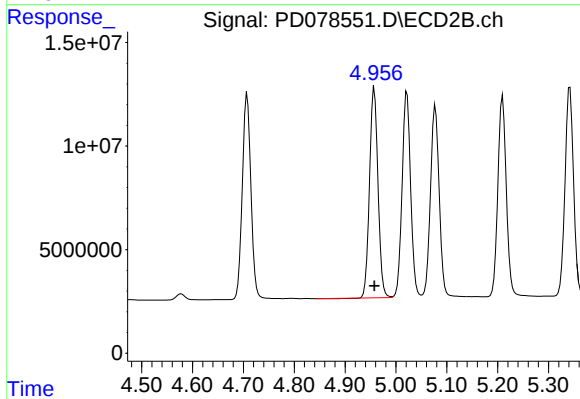
#9 Endosulfan I

R.T.: 5.078 min
Delta R.T.: 0.000 min
Response: 110157165
Conc: 43.81 ng/ml



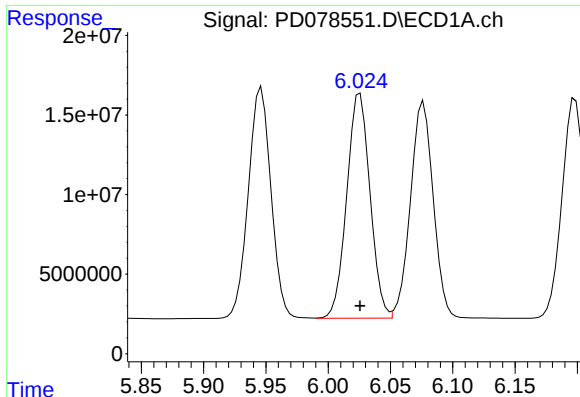
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: -0.001 min
Response: 185085110
Conc: 44.08 ng/ml



#10 gamma-Chlordane

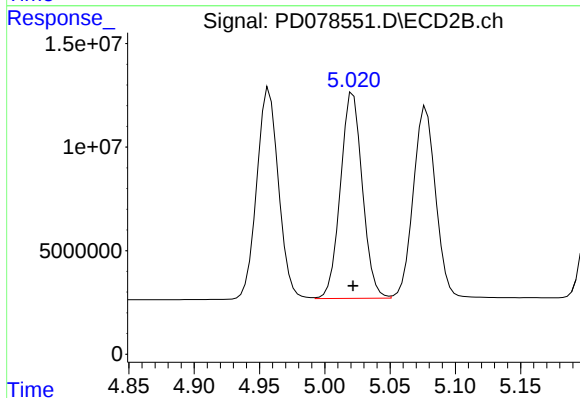
R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 117183387
Conc: 43.61 ng/ml



#11 alpha-Chlordane

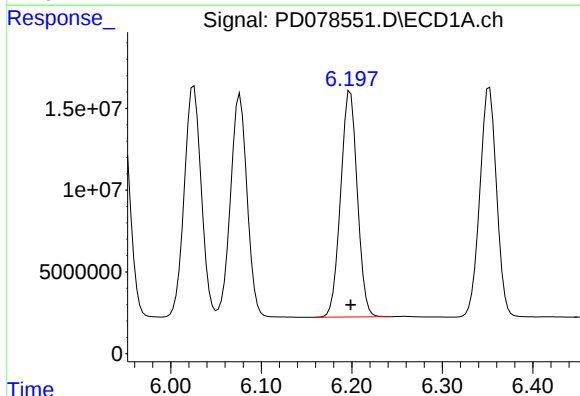
R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 184395902
Conc: 43.77 ng/ml

Instrument :
ECD_D
ClientSampleId :



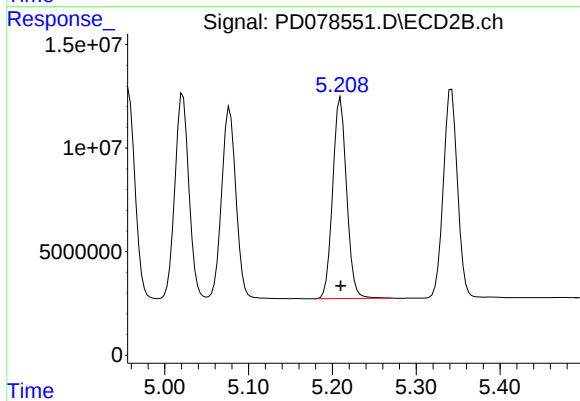
#11 alpha-Chlordane

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 116183051
Conc: 43.27 ng/ml



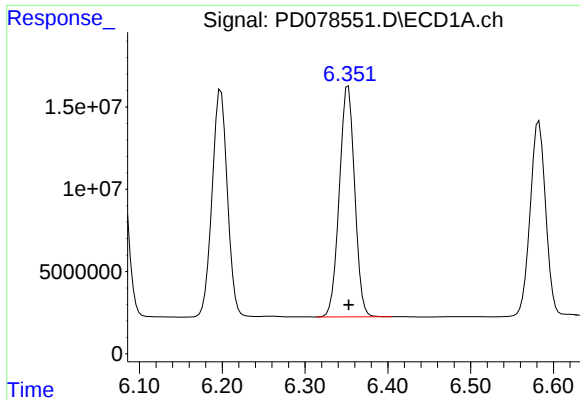
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 176899004
Conc: 44.20 ng/ml



#12 4,4'-DDE

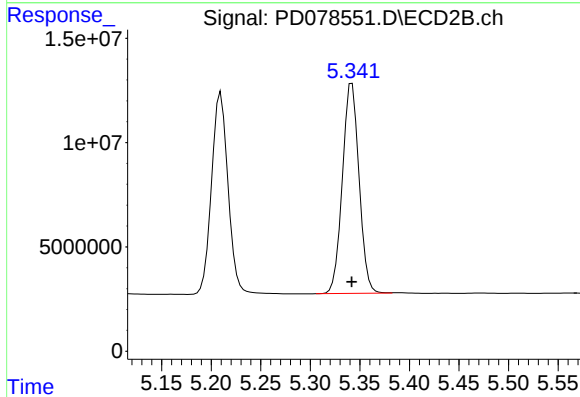
R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 111970495
Conc: 44.01 ng/ml



#13 Dieldrin

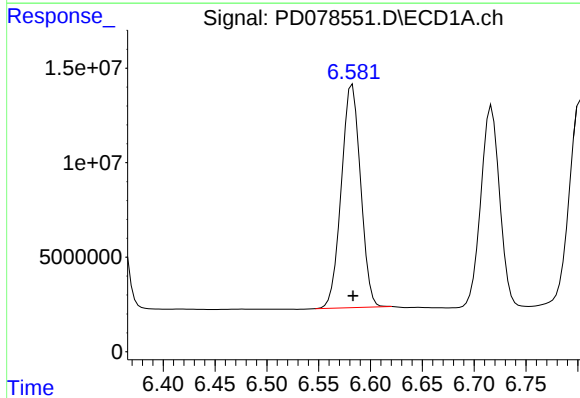
R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 180784418
Conc: 43.09 ng/ml

Instrument :
ECD_D
ClientSampleId :



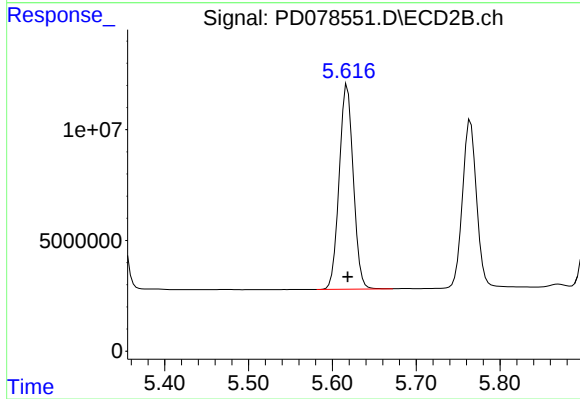
#13 Dieldrin

R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 117910204
Conc: 42.24 ng/ml



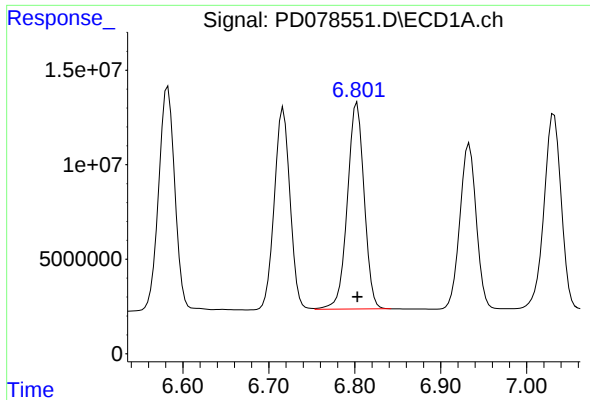
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 152706551
Conc: 45.47 ng/ml



#14 Endrin

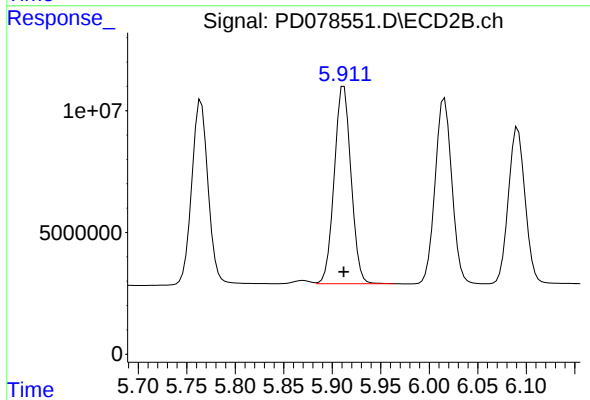
R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 107860173
Conc: 43.59 ng/ml



#15 Endosulfan II

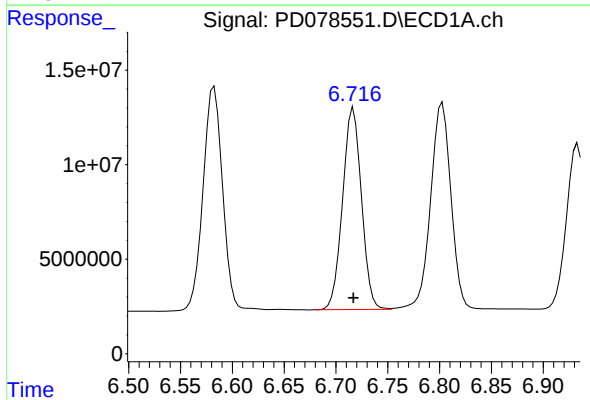
R.T.: 6.803 min
Delta R.T.: 0.000 min
Response: 148599873
Conc: 41.28 ng/ml

Instrument :
ECD_D
ClientSampleId :



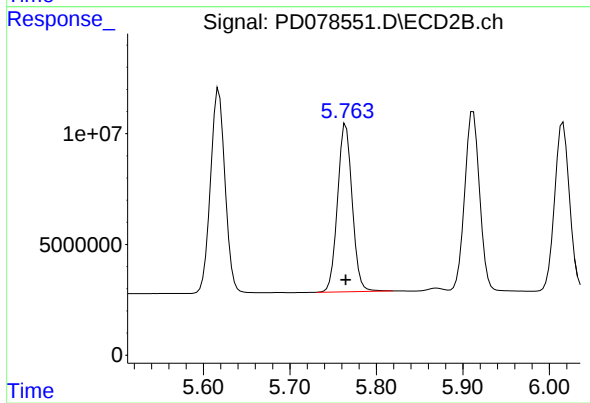
#15 Endosulfan II

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 97346521
Conc: 40.89 ng/ml



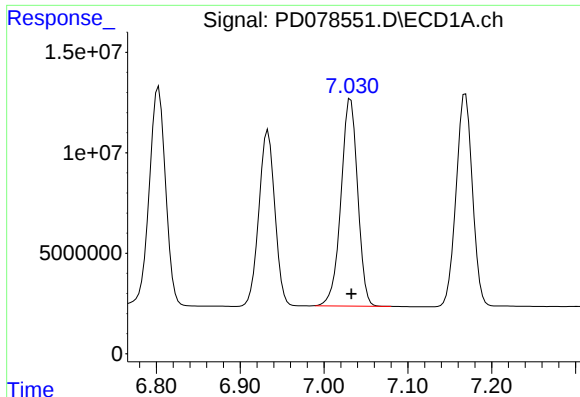
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 135196547
Conc: 45.44 ng/ml



#16 4,4'-DDD

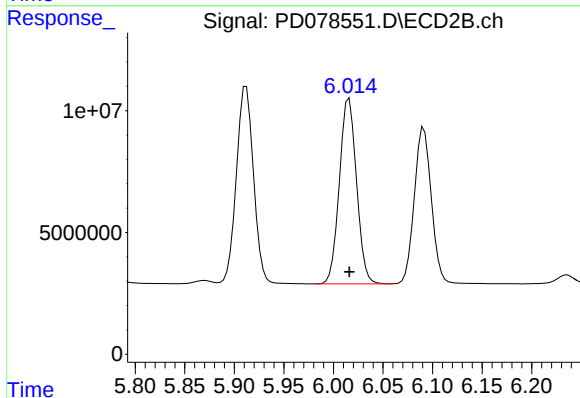
R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 88575784
Conc: 44.76 ng/ml



#17 4,4'-DDT

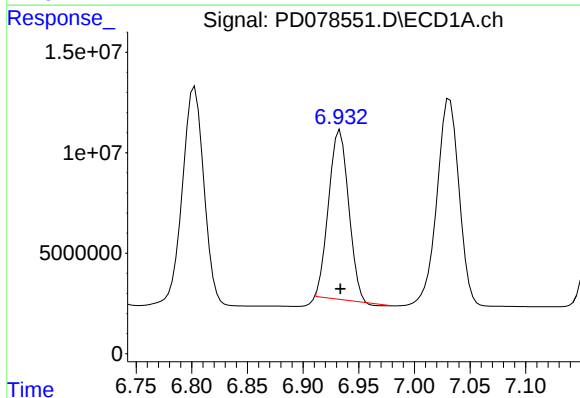
R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 142877893
Conc: 48.28 ng/ml

Instrument :
ECD_D
ClientSampleId :



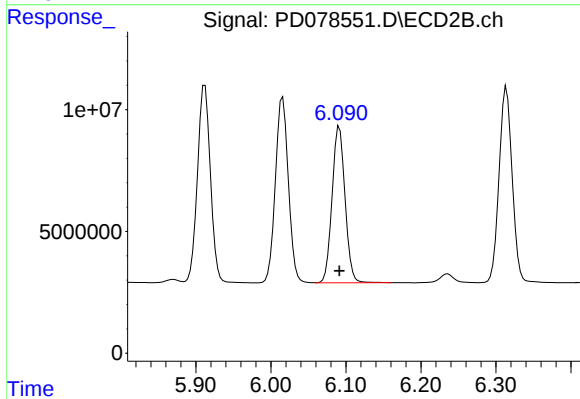
#17 4,4'-DDT

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 91664943
Conc: 45.03 ng/ml



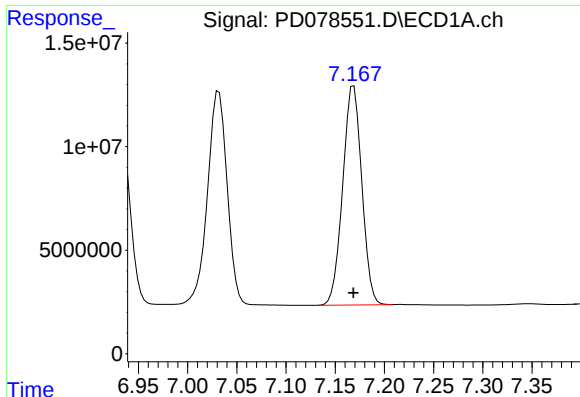
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 103886865
Conc: 38.89 ng/ml



#18 Endrin aldehyde

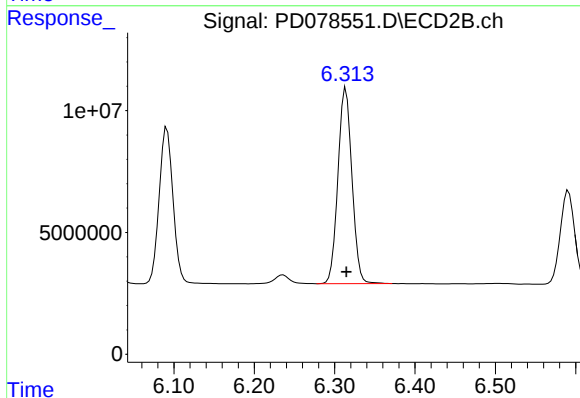
R.T.: 6.091 min
Delta R.T.: 0.000 min
Response: 77108624
Conc: 41.59 ng/ml



#19 Endosulfan Sulfate

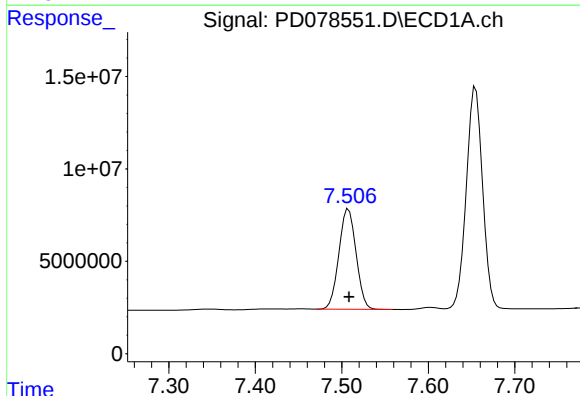
R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 142770638
Conc: 44.44 ng/ml

Instrument :
ECD_D
ClientSampleId :



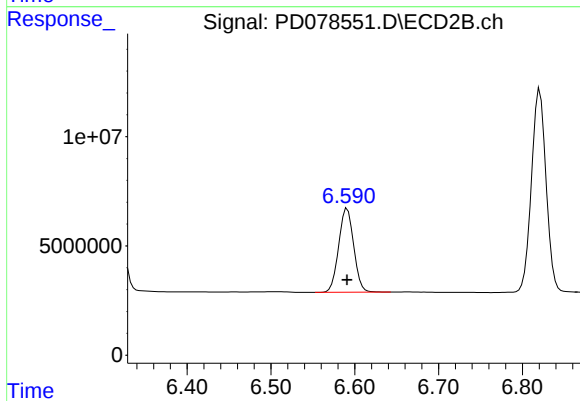
#19 Endosulfan Sulfate

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 97298104
Conc: 43.86 ng/ml



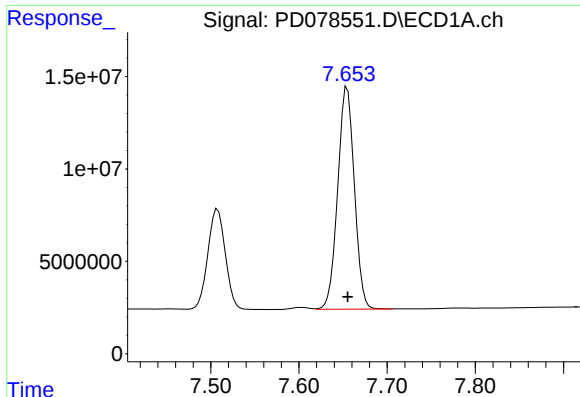
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.000 min
Response: 74544630
Conc: 44.67 ng/ml



#20 Methoxychlor

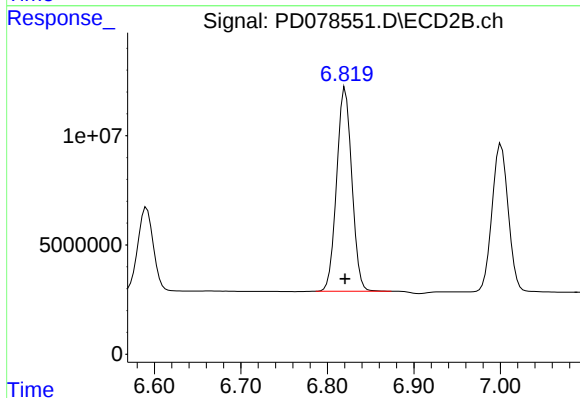
R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 47859895
Conc: 43.87 ng/ml



#21 Endrin ketone

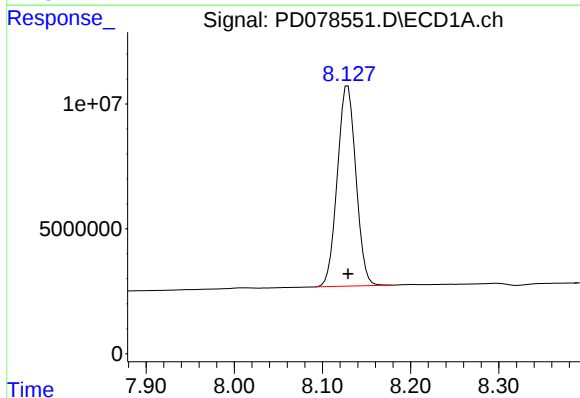
R.T.: 7.655 min
Delta R.T.: 0.000 min
Response: 157725687
Conc: 43.90 ng/ml

Instrument :
ECD_D
ClientSampleId :



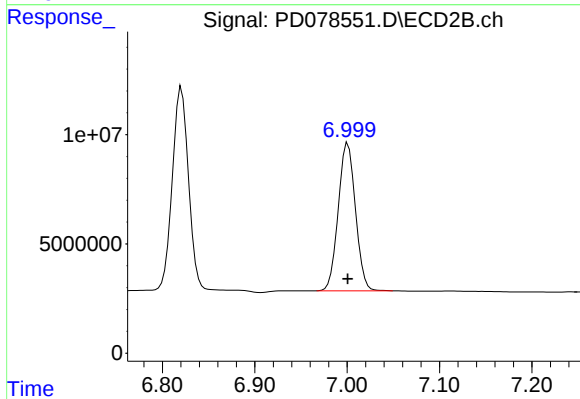
#21 Endrin ketone

R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 112910595
Conc: 43.02 ng/ml



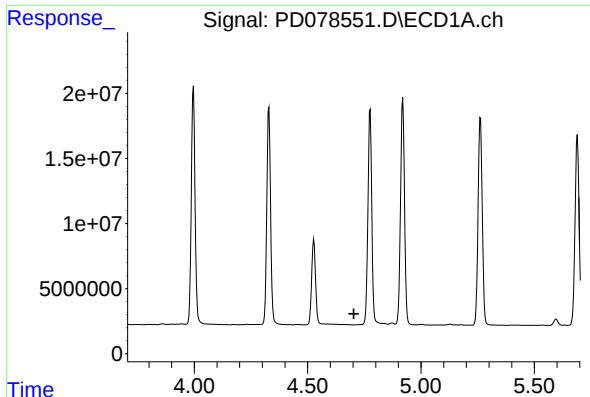
#22 Mirex

R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 117482842
Conc: 43.99 ng/ml



#22 Mirex

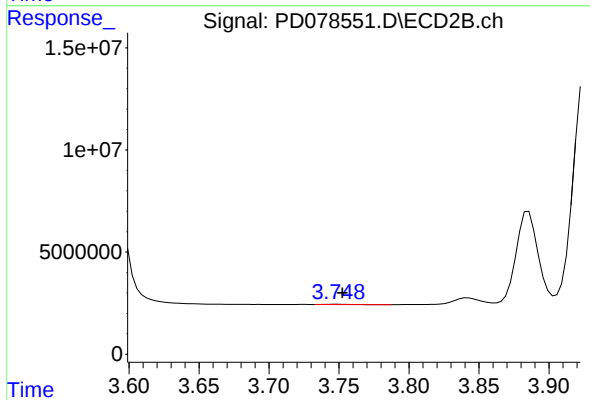
R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 87639206
Conc: 43.01 ng/ml



#23 Chlordane-1

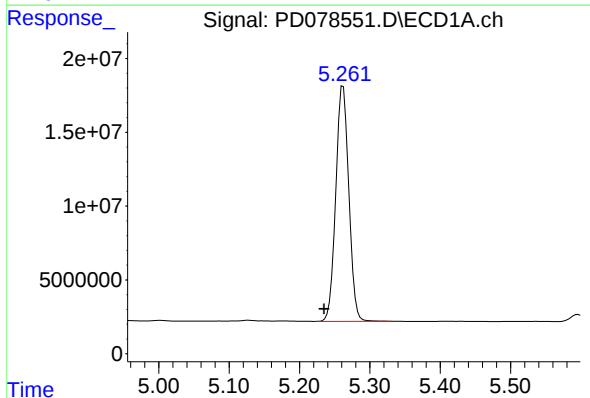
R.T.: 0.000 min
Exp R.T.: 4.704 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



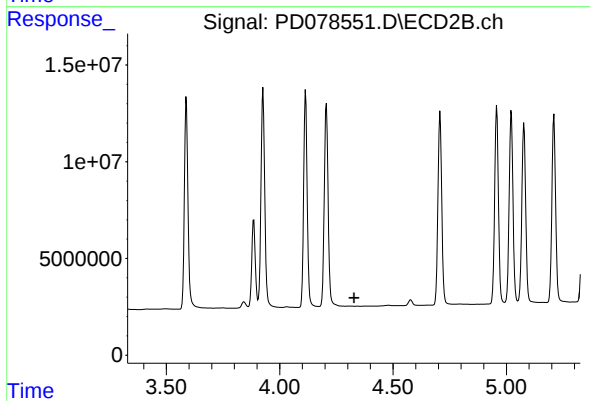
#23 Chlordane-1

R.T.: 3.749 min
Delta R.T.: -0.004 min
Response: 151996
Conc: 2.09 ng/ml



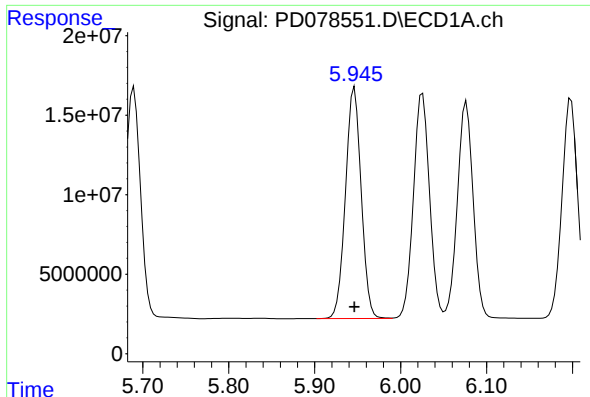
#24 Chlordane-2

R.T.: 5.262 min
Delta R.T.: 0.027 min
Response: 205141327
Conc: 1438.53 ng/ml



#24 Chlordane-2

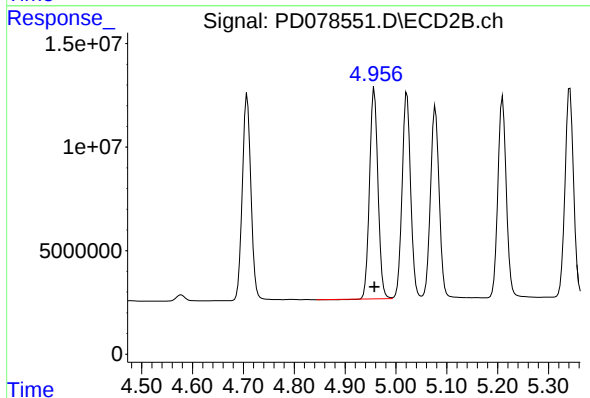
R.T.: 0.000 min
Exp R.T.: 4.328 min
Response: 0
Conc: N.D.



#25 Chlordane-3

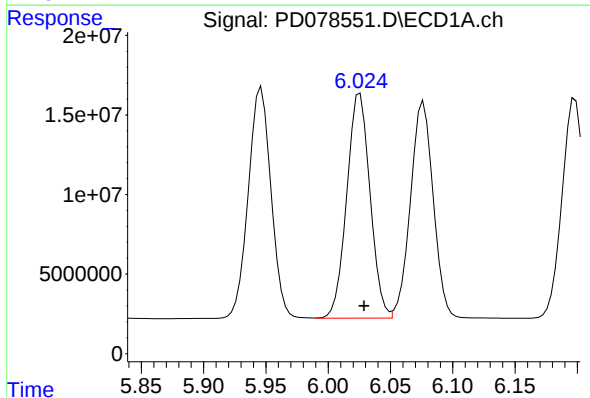
R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 185085110
Conc: 316.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



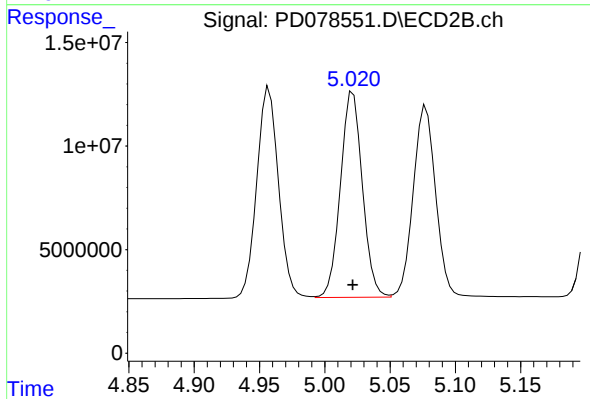
#25 Chlordane-3

R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 117183387
Conc: 454.81 ng/ml



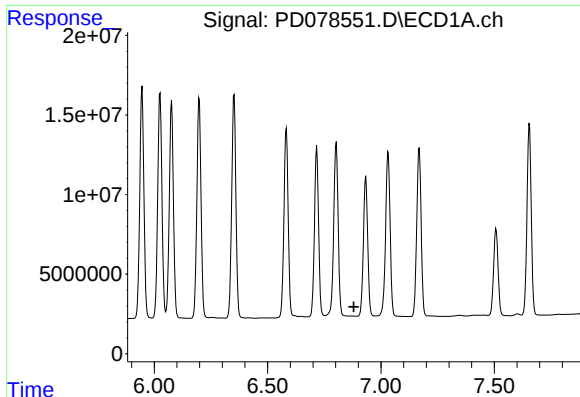
#26 Chlordane-4

R.T.: 6.026 min
Delta R.T.: -0.003 min
Response: 184395902
Conc: 260.63 ng/ml



#26 Chlordane-4

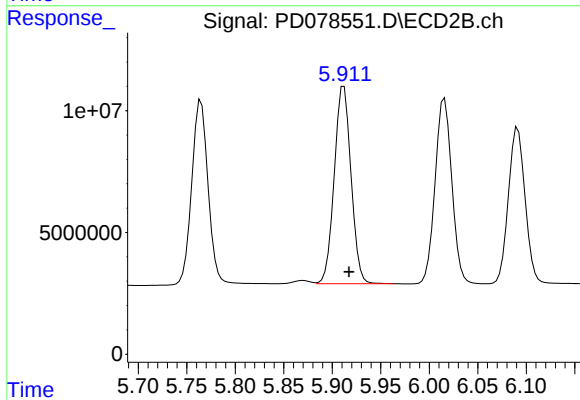
R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 116183051
Conc: 462.63 ng/ml



#27 Chlordane-5

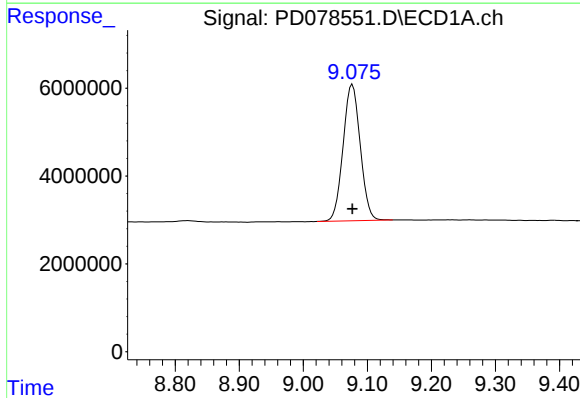
R.T.: 0.000 min
Exp R.T.: 6.881 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



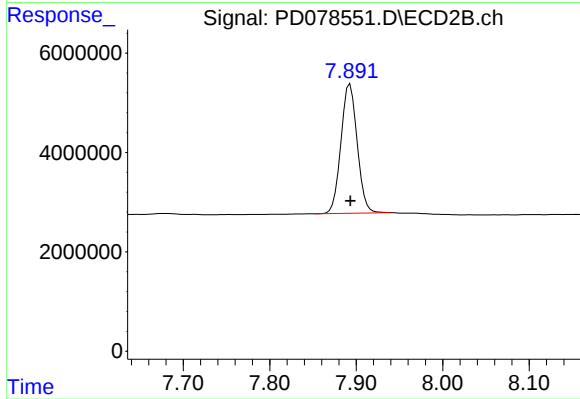
#27 Chlordane-5

R.T.: 5.912 min
Delta R.T.: -0.005 min
Response: 97346521
Conc: 1132.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 57677231
Conc: 15.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.893 min
Delta R.T.: 0.000 min
Response: 33755964
Conc: 14.88 ng/ml