

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100323\
 Data File : PD078547.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2023 22:28
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 01:29:02 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	2.757	52151566	36565632	18.066	17.904
28)	SA Decachlor...	9.078	7.893	69845100	41424263	18.833	18.256
Target Compounds							
2)	A alpha-BHC	3.996	3.258	42288020	26099693	8.708	8.707
3)	MA gamma-BHC...	4.328	3.588	40350539	24026381	8.625	8.293
5)	MB Aldrin	0.000	4.216	0	163727	N.D.	0.055 #
6)	B beta-BHC	4.527	3.885	18066057	11442207	9.727	9.900
7)	B delta-BHC	4.763	0.000	375002	0	0.083	N.D. #
8)	B Heptachlo...	5.683	0.000	404322	0	0.096	N.D. #
9)	A Endosulfan I	0.000	5.077	0	11632	N.D.	0.005 #
10)	B gamma-Chl...	0.000	4.960	0	92211	N.D.	0.034 #
11)	B alpha-Chl...	5.995f	5.014	148577	191009	0.035	0.071 #
12)	B 4,4'-DDE	6.199	5.213	647183	735650	0.162	0.289 #
13)	MA Dieldrin	6.374f	0.000	465624	0	0.111	N.D. #
14)	MA Endrin	6.583	5.618	149.6E6	106.8E6	44.538	43.169
15)	B Endosulfa...	6.817	5.927	1413580	434400	0.393	0.182 #
16)	A 4,4'-DDD	6.718	5.767	2697605	1573437	0.907	0.795
17)	MA 4,4'-DDT	7.032	6.016	304.8E6	207.7E6	102.995	102.059
18)	B Endrin al...	6.933	6.093	3277216	3788033	1.227	2.043 #
20)	A Methoxychlor	7.508	6.591	403.9E6	261.6E6	242.003	239.784
21)	B Endrin ke...	7.654	6.820	7306157	5764244	2.034	2.196
24)	Chlordane-2	0.000	4.339	0	208296	N.D.	2.690 #
25)	Chlordane-3	0.000	4.960	0	92211	N.D.	0.358 #
26)	Chlordane-4	0.000	5.014	0	191009	N.D.	0.761 #
27)	Chlordane-5	0.000	5.927	0	434400	N.D.	5.055 #

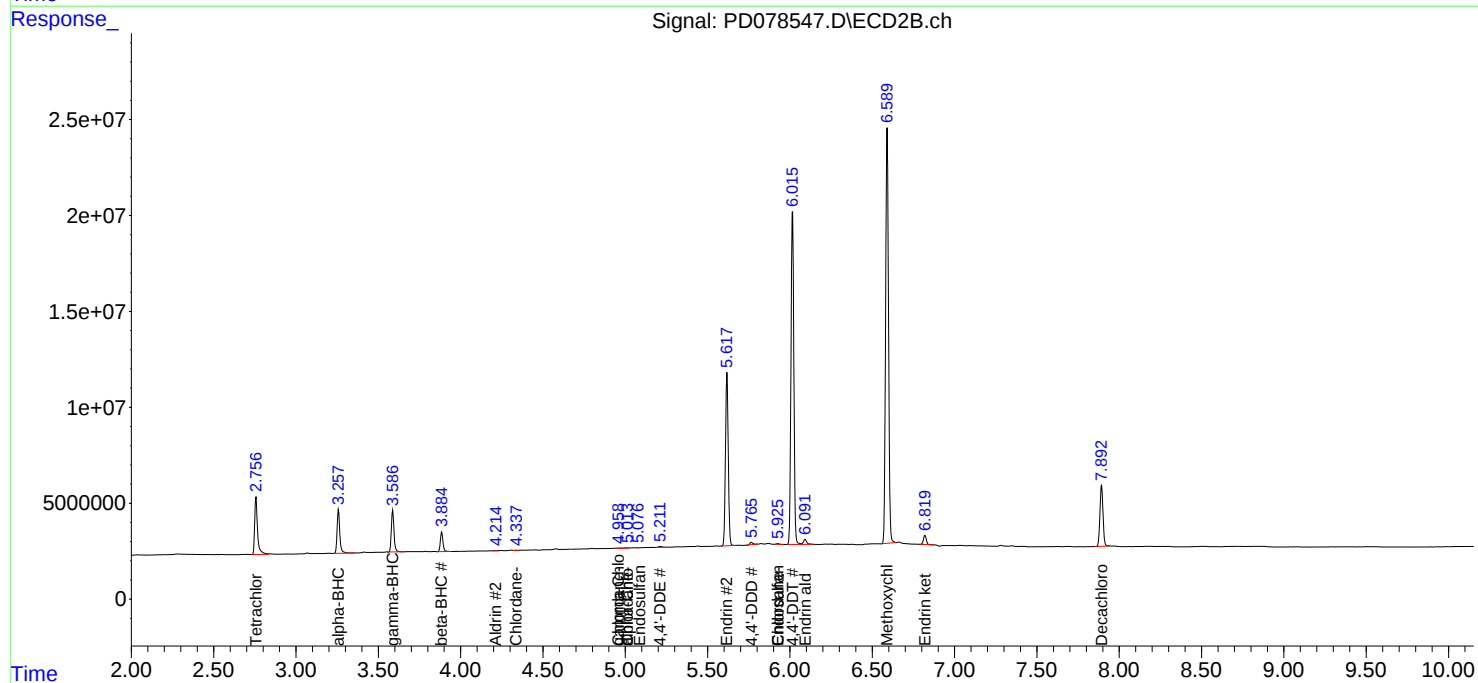
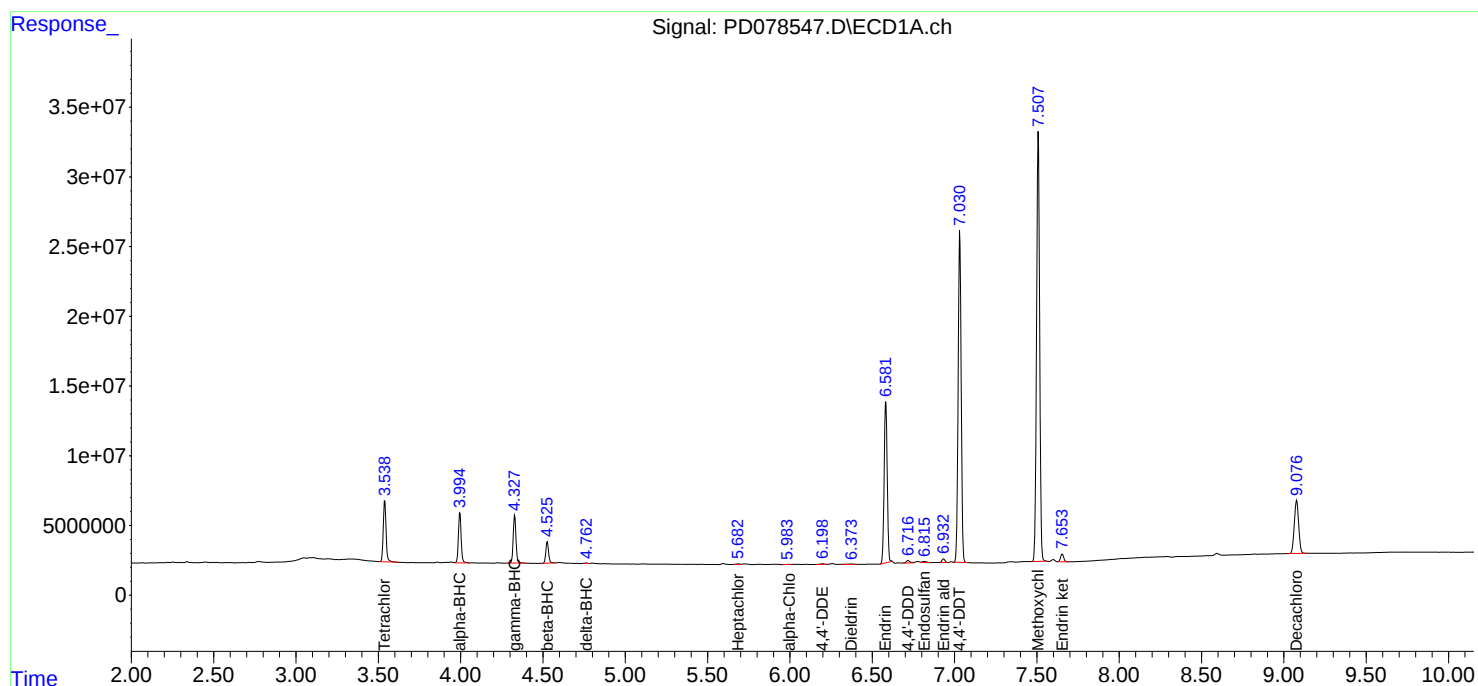
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

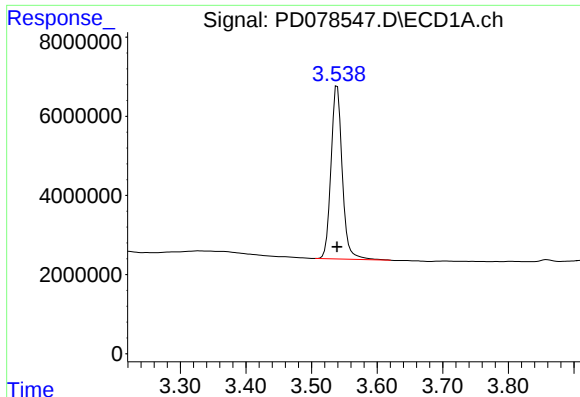
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100323\
Data File : PD078547.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2023 22:28
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 01:29:02 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

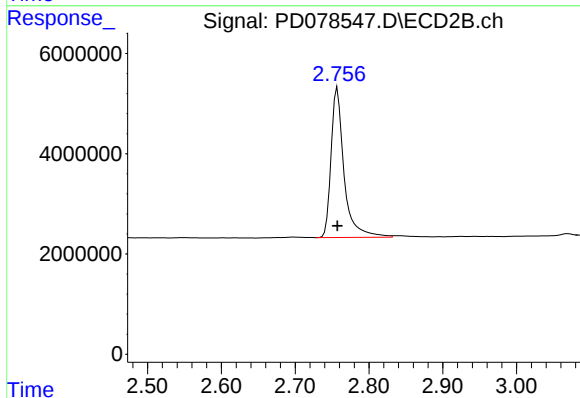




#1 Tetrachloro-m-xylene

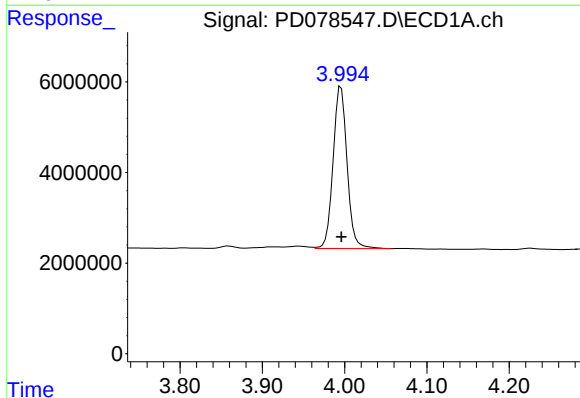
R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 52151566
Conc: 18.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



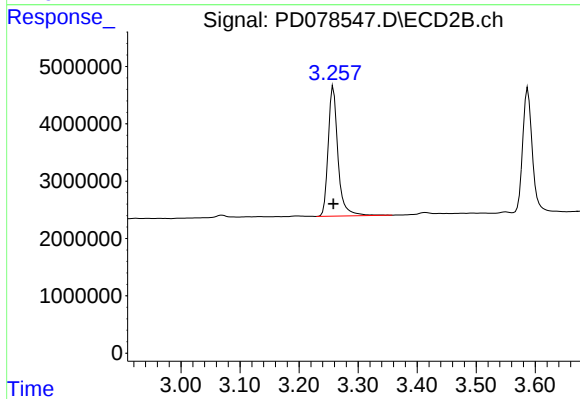
#1 Tetrachloro-m-xylene

R.T.: 2.757 min
Delta R.T.: 0.000 min
Response: 36565632
Conc: 17.90 ng/ml



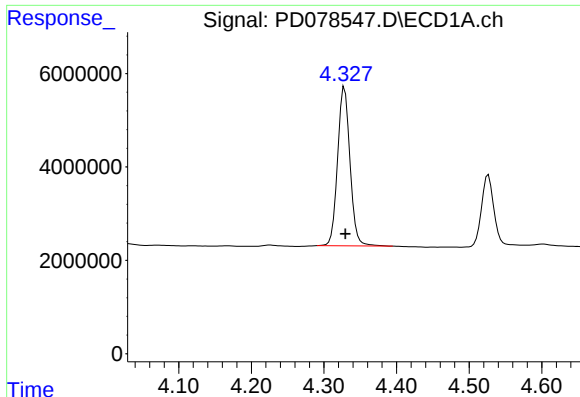
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 42288020
Conc: 8.71 ng/ml



#2 alpha-BHC

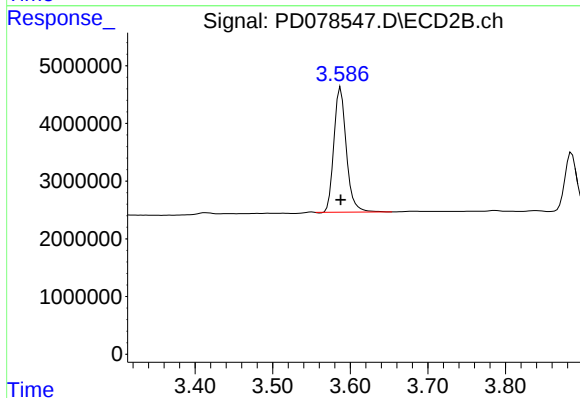
R.T.: 3.258 min
Delta R.T.: 0.000 min
Response: 26099693
Conc: 8.71 ng/ml



#3 gamma-BHC (Lindane)

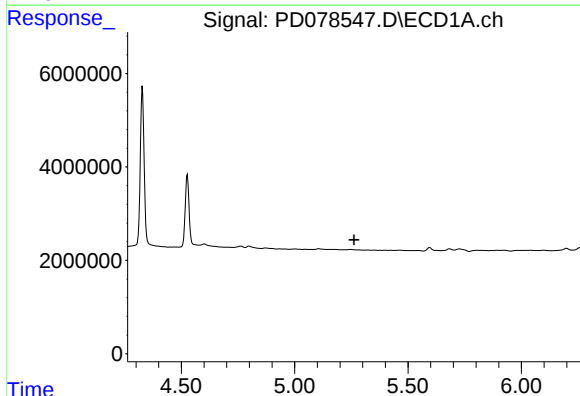
R.T.: 4.328 min
Delta R.T.: -0.001 min
Response: 40350539
Conc: 8.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



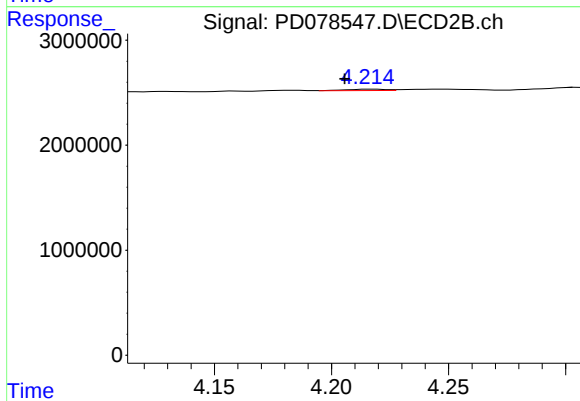
#3 gamma-BHC (Lindane)

R.T.: 3.588 min
Delta R.T.: 0.000 min
Response: 24026381
Conc: 8.29 ng/ml



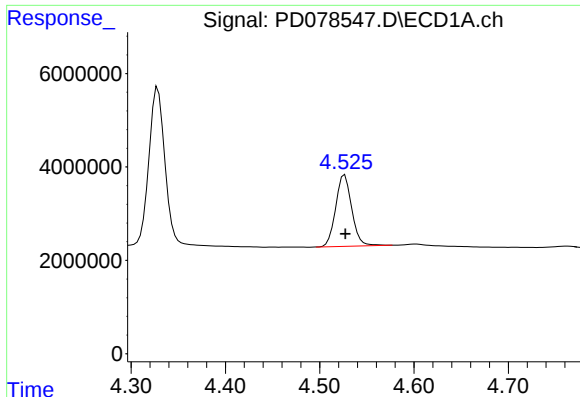
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.263 min
Response: 0
Conc: N.D.



#5 Aldrin

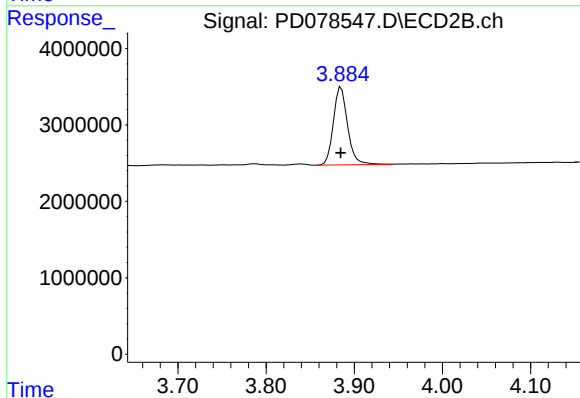
R.T.: 4.216 min
Delta R.T.: 0.011 min
Response: 163727
Conc: 0.06 ng/ml



#6 beta-BHC

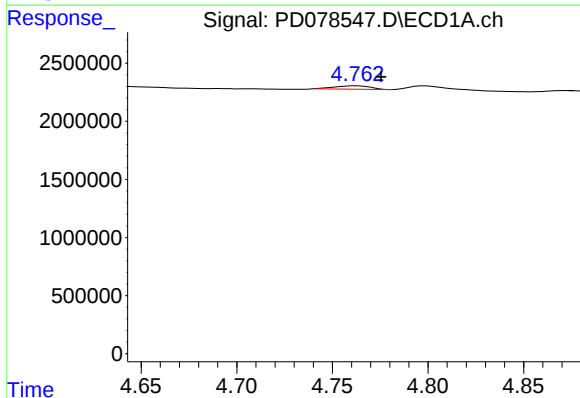
R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 18066057
Conc: 9.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



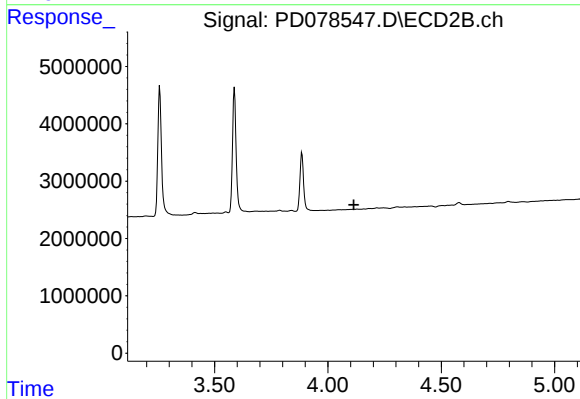
#6 beta-BHC

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 11442207
Conc: 9.90 ng/ml



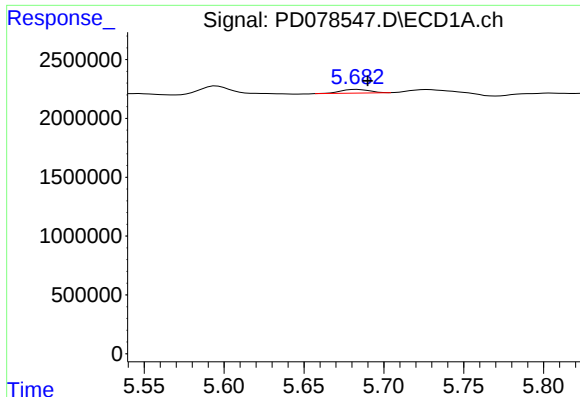
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: -0.013 min
Response: 375002
Conc: 0.08 ng/ml



#7 delta-BHC

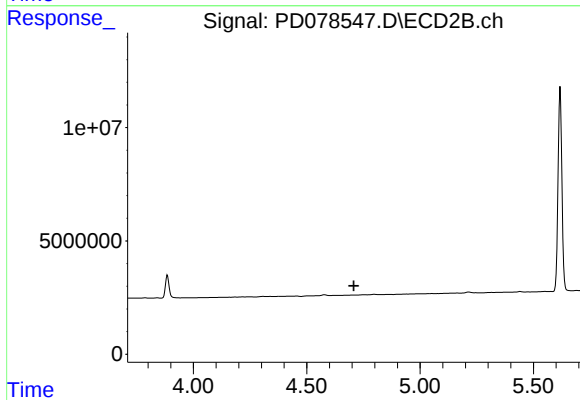
R.T.: 0.000 min
Exp R.T. : 4.114 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

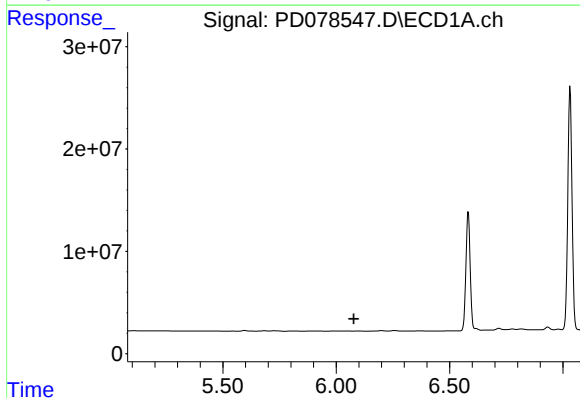
R.T.: 5.683 min
Delta R.T.: -0.007 min
Response: 404322
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



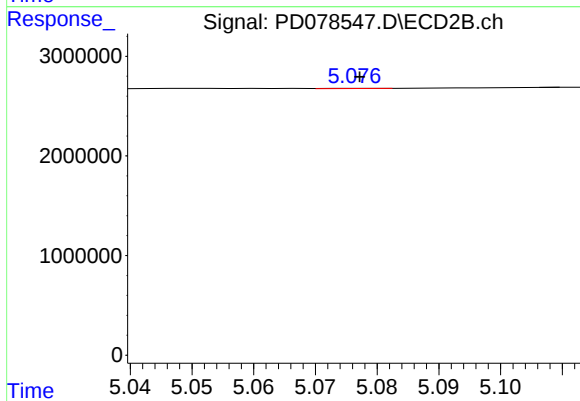
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.707 min
Response: 0
Conc: N.D.



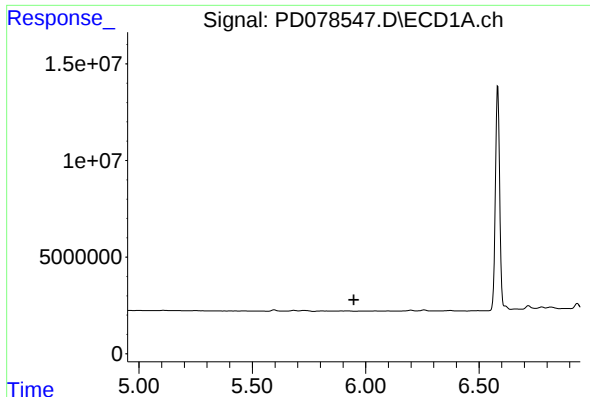
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.077 min
Response: 0
Conc: N.D.



#9 Endosulfan I

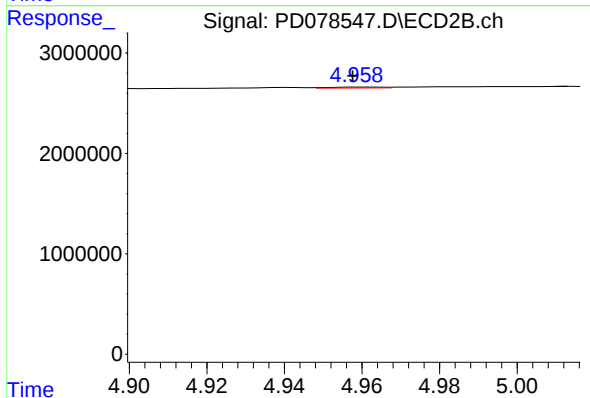
R.T.: 5.077 min
Delta R.T.: 0.000 min
Response: 11632
Conc: 0.00 ng/ml



#10 gamma-Chlordane

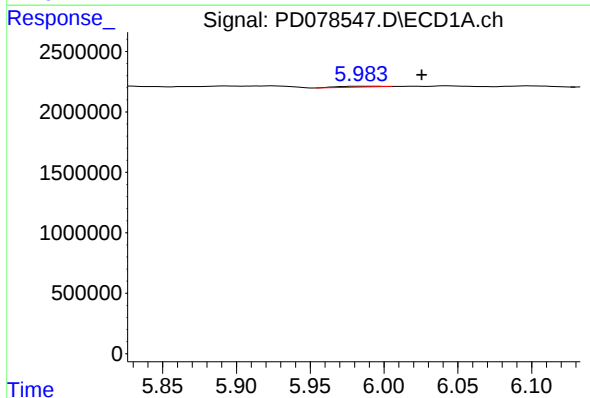
R.T.: 0.000 min
Exp R.T.: 5.947 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



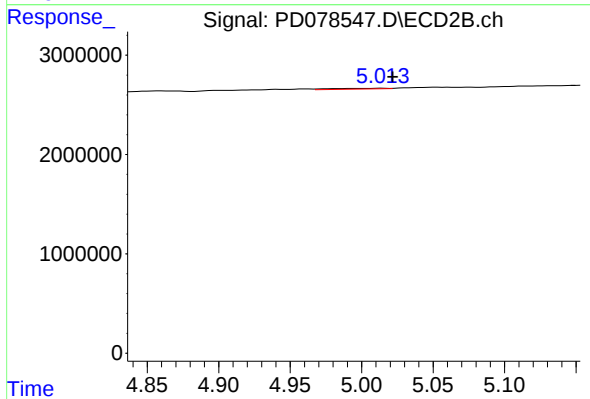
#10 gamma-Chlordane

R.T.: 4.960 min
Delta R.T.: 0.002 min
Response: 92211
Conc: 0.03 ng/ml



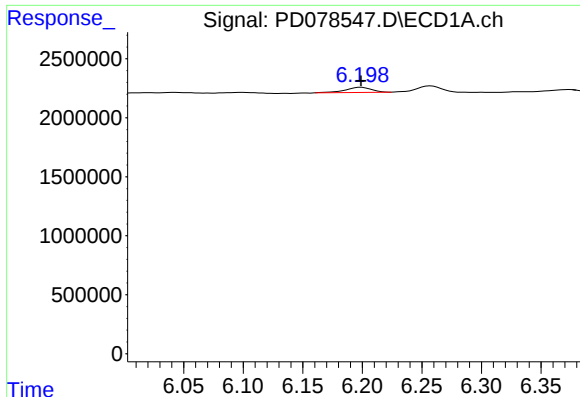
#11 alpha-Chlordane

R.T.: 5.995 min
Delta R.T.: -0.030 min
Response: 148577
Conc: 0.04 ng/ml



#11 alpha-Chlordane

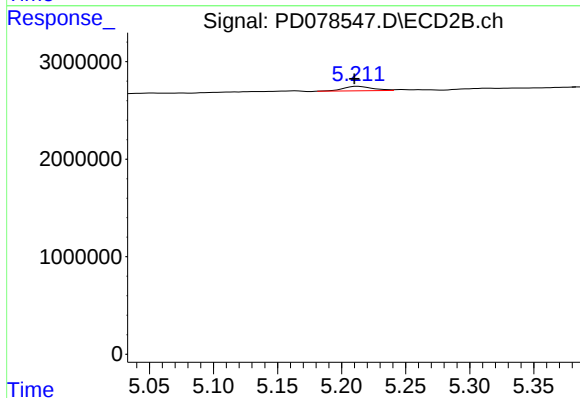
R.T.: 5.014 min
Delta R.T.: -0.007 min
Response: 191009
Conc: 0.07 ng/ml



#12 4,4'-DDE

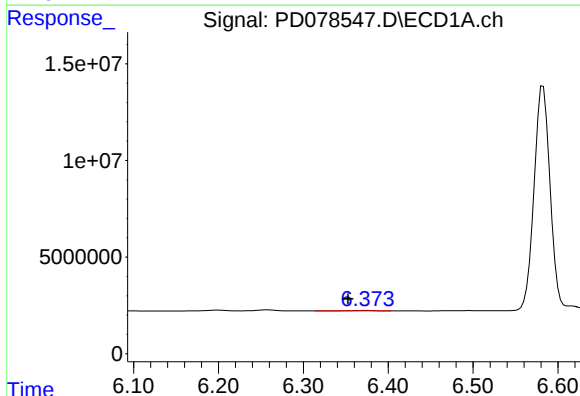
R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 647183
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



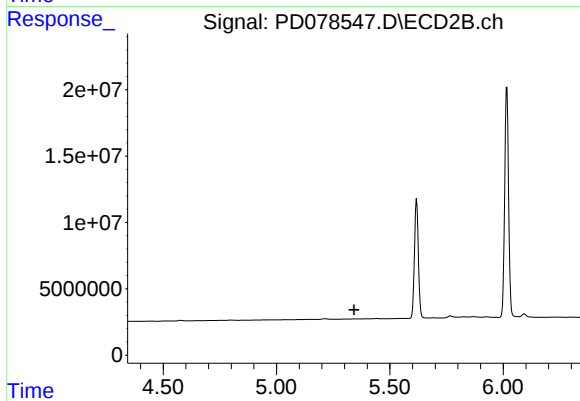
#12 4,4'-DDE

R.T.: 5.213 min
Delta R.T.: 0.003 min
Response: 735650
Conc: 0.29 ng/ml



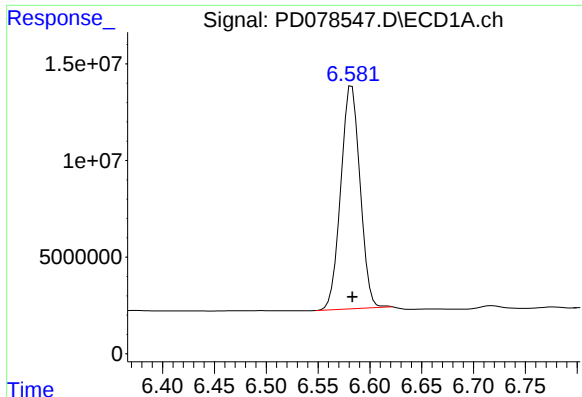
#13 Dieldrin

R.T.: 6.374 min
Delta R.T.: 0.021 min
Response: 465624
Conc: 0.11 ng/ml



#13 Dieldrin

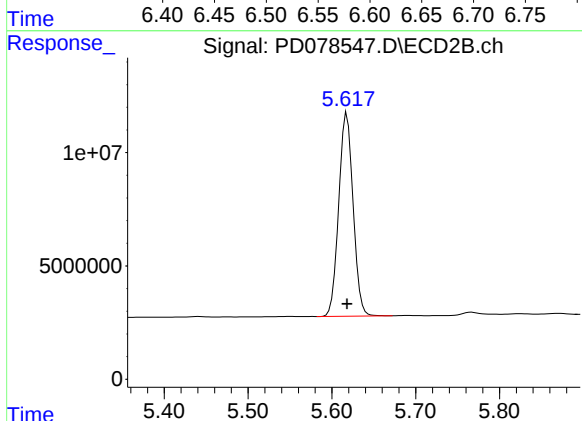
R.T.: 0.000 min
Exp R.T. : 5.342 min
Response: 0
Conc: N.D.



#14 Endrin

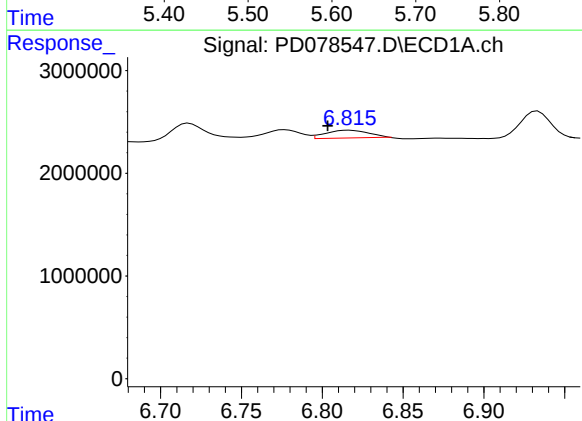
R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 149573483
Conc: 44.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



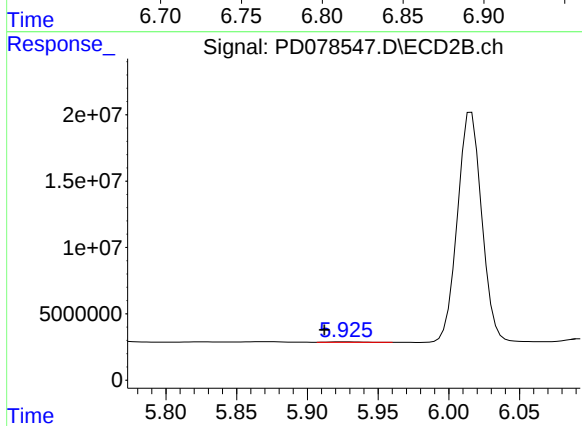
#14 Endrin

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 106808905
Conc: 43.17 ng/ml



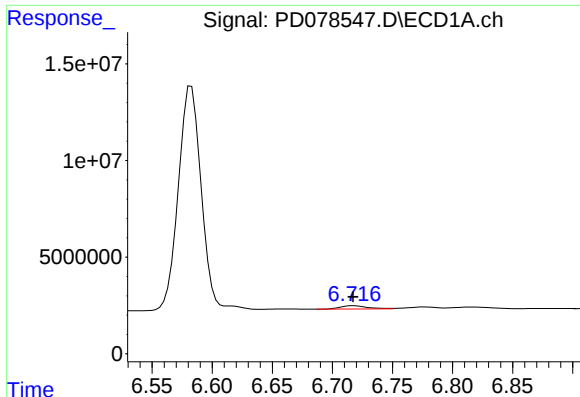
#15 Endosulfan II

R.T.: 6.817 min
Delta R.T.: 0.013 min
Response: 1413580
Conc: 0.39 ng/ml



#15 Endosulfan II

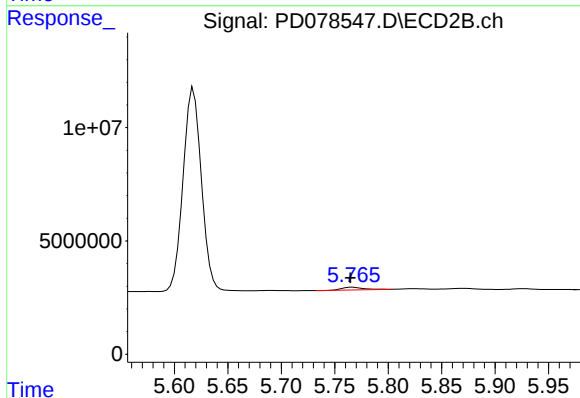
R.T.: 5.927 min
Delta R.T.: 0.015 min
Response: 434400
Conc: 0.18 ng/ml



#16 4,4'-DDD

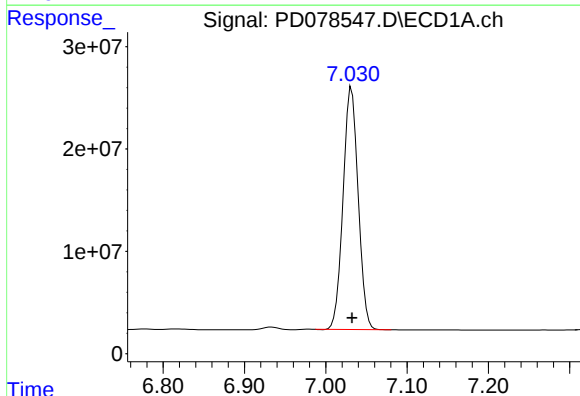
R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 2697605
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



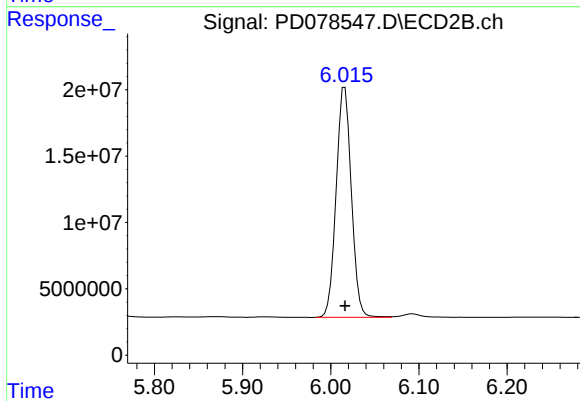
#16 4,4'-DDD

R.T.: 5.767 min
Delta R.T.: 0.002 min
Response: 1573437
Conc: 0.80 ng/ml



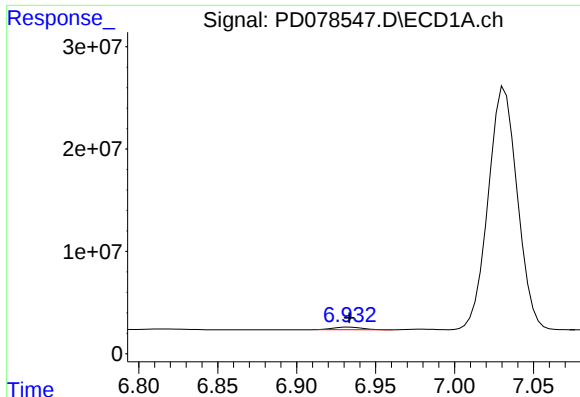
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 304793748
Conc: 103.00 ng/ml



#17 4,4'-DDT

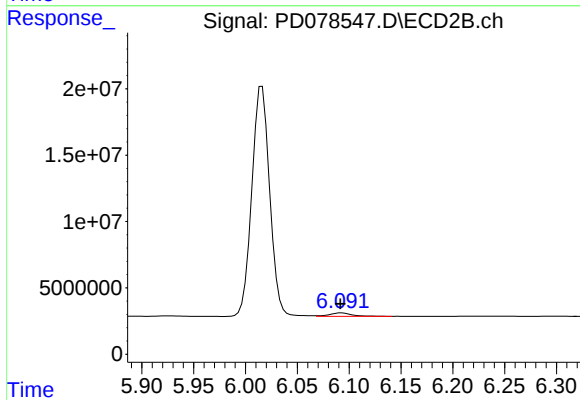
R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 207740388
Conc: 102.06 ng/ml



#18 Endrin aldehyde

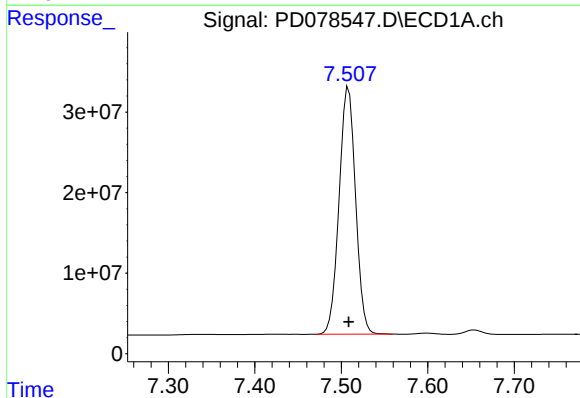
R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 3277216
Conc: 1.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



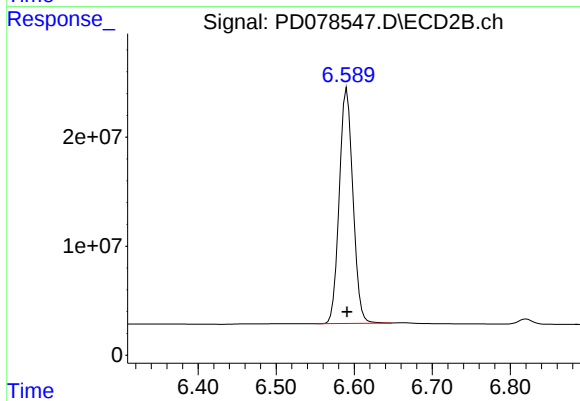
#18 Endrin aldehyde

R.T.: 6.093 min
Delta R.T.: 0.001 min
Response: 3788033
Conc: 2.04 ng/ml



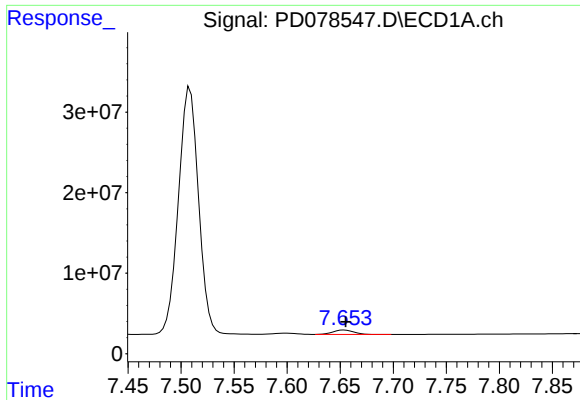
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.000 min
Response: 403884936
Conc: 242.00 ng/ml



#20 Methoxychlor

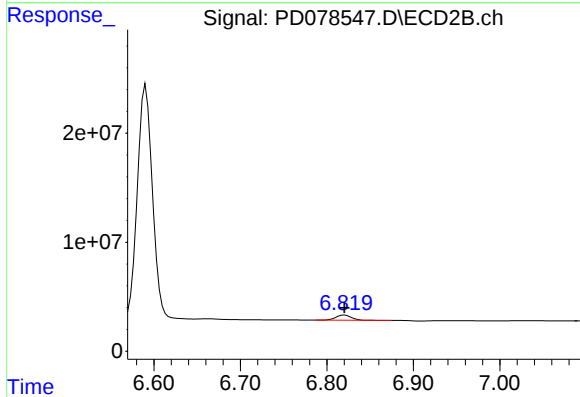
R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 261611754
Conc: 239.78 ng/ml



#21 Endrin ketone

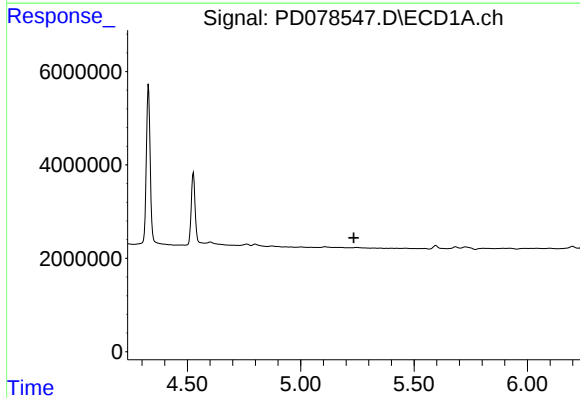
R.T.: 7.654 min
Delta R.T.: -0.001 min
Response: 7306157
Conc: 2.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



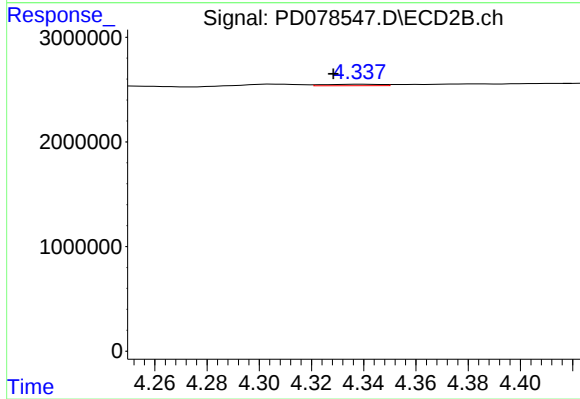
#21 Endrin ketone

R.T.: 6.820 min
Delta R.T.: 0.000 min
Response: 5764244
Conc: 2.20 ng/ml



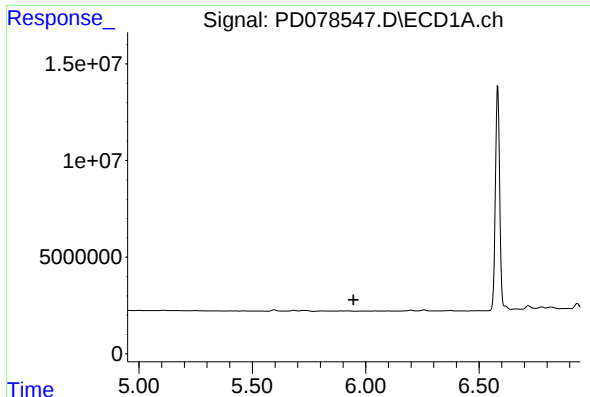
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.235 min
Response: 0
Conc: N.D.



#24 Chlordane-2

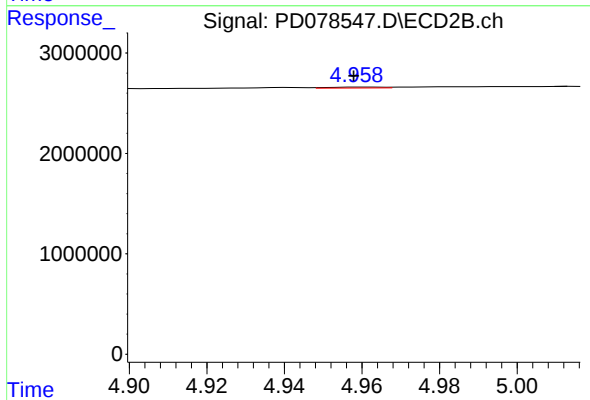
R.T.: 4.339 min
Delta R.T.: 0.010 min
Response: 208296
Conc: 2.69 ng/ml



#25 Chlordane-3

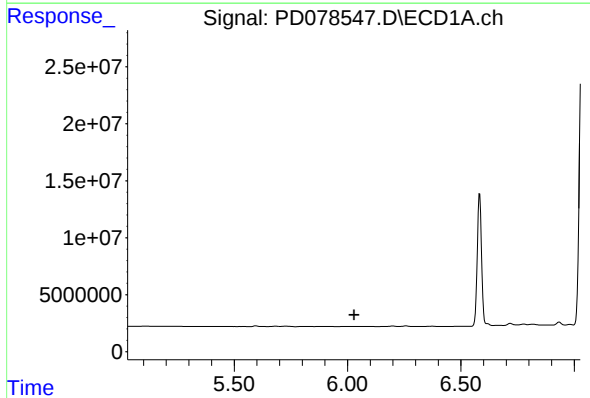
R.T.: 0.000 min
Exp R.T.: 5.946 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



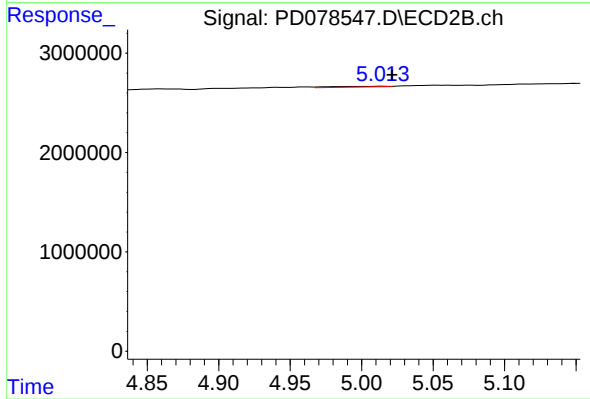
#25 Chlordane-3

R.T.: 4.960 min
Delta R.T.: 0.002 min
Response: 92211
Conc: 0.36 ng/ml



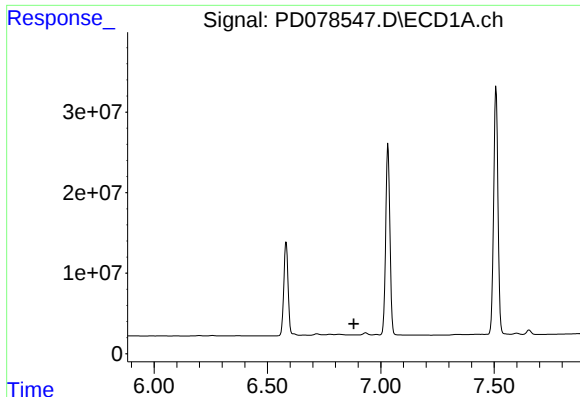
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 6.029 min
Response: 0
Conc: N.D.



#26 Chlordane-4

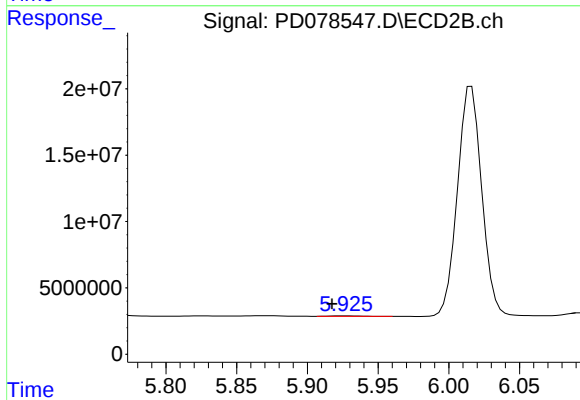
R.T.: 5.014 min
Delta R.T.: -0.007 min
Response: 191009
Conc: 0.76 ng/ml



#27 Chlordane-5

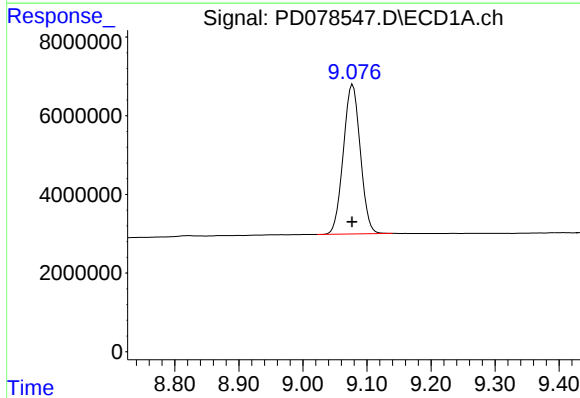
R.T.: 0.000 min
Exp R.T.: 6.881 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



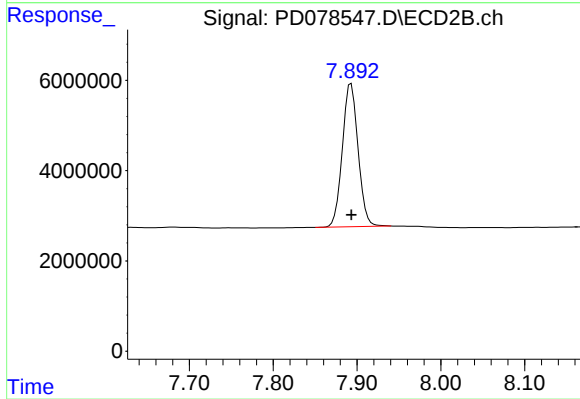
#27 Chlordane-5

R.T.: 5.927 min
Delta R.T.: 0.009 min
Response: 434400
Conc: 5.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.078 min
Delta R.T.: 0.001 min
Response: 69845100
Conc: 18.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.893 min
Delta R.T.: 0.000 min
Response: 41424263
Conc: 18.26 ng/ml