

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092423\
 Data File : PD078243.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2023 19:06
 Operator : AR\AJ
 Sample : 04540-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 01:03:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 01 16:18:56 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...	3.540	2.759	38454729	36901508	15.145	23.331 #
28)	SA Decachlor...	9.076	7.894	14749733	24186692	4.842	14.016 #
Target Compounds							
2)	A alpha-BHC	4.029f	3.254	1596619	298713	0.388	0.129 #
3)	MA gamma-BHC...	4.332	3.587	111599	405939	0.028	0.182 #
4)	MA Heptachlor	4.948f	0.000	3223113	0	0.823	N.D. #
5)	MB Aldrin	0.000	4.222	0	1168554	N.D.	0.513 #
6)	B beta-BHC	4.543	3.896	-181598	487470	N.D.	0.547
7)	B delta-BHC	4.766	0.000	6133101	0	1.664	N.D. #
8)	B Heptachlo...	5.706	4.693f	2828824	488424	0.791	0.241 #
9)	A Endosulfan I	6.056f	5.097	1389447	810306	0.422	0.433
10)	B gamma-Chl...	5.936	4.945f	496859	356543	0.141	0.177 #
11)	B alpha-Chl...	6.056f	5.027	1389447	946216	0.390	0.470
12)	B 4,4'-DDE	6.190	5.233f	-556989	457427	N.D.	0.251
13)	MA Dieldrin	6.335f	5.349	1069985	705266	0.301	0.345
14)	MA Endrin	0.000	5.634	0	404493	N.D.	0.223 #
15)	B Endosulfa...	6.830f	0.000	725338	0	0.234	N.D. #
17)	MA 4,4'-DDT	7.029	6.050f	1871770	244356	0.716	0.173 #
18)	B Endrin al...	6.950	6.104	1263338	397656	0.532	0.295 #
19)	B Endosulfa...	7.199f	6.313	2964299	1832748	1.045	1.145
20)	A Methoxychlor	7.534f	6.598	1084884	-11183	0.701	N.D. #
21)	B Endrin ke...	7.666	0.000	777600	0	0.239	N.D. #
22)	Mirex	8.136	0.000	3284025	0	1.365	N.D. #
23)	Chlordane-1	4.686f	3.745	339038	150190	2.901	2.637
24)	Chlordane-2	5.221f	4.310f	726579	1127956	5.693	17.710 #
25)	Chlordane-3	5.936f	4.945f	496859	356543	0.989	1.817 #
26)	Chlordane-4	6.056f	5.027	1389447	946216	2.256	5.001 #
27)	Chlordane-5	6.863f	0.000	73777	0	0.729	N.D. #

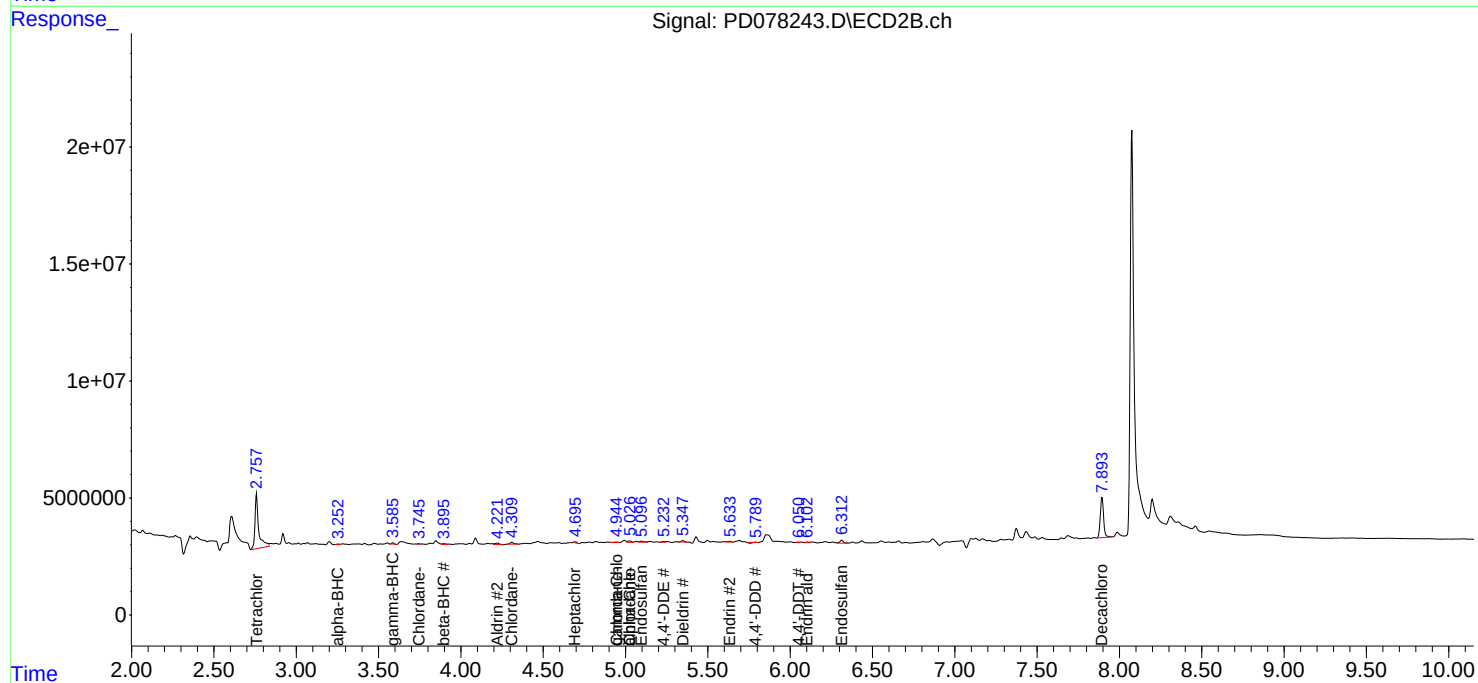
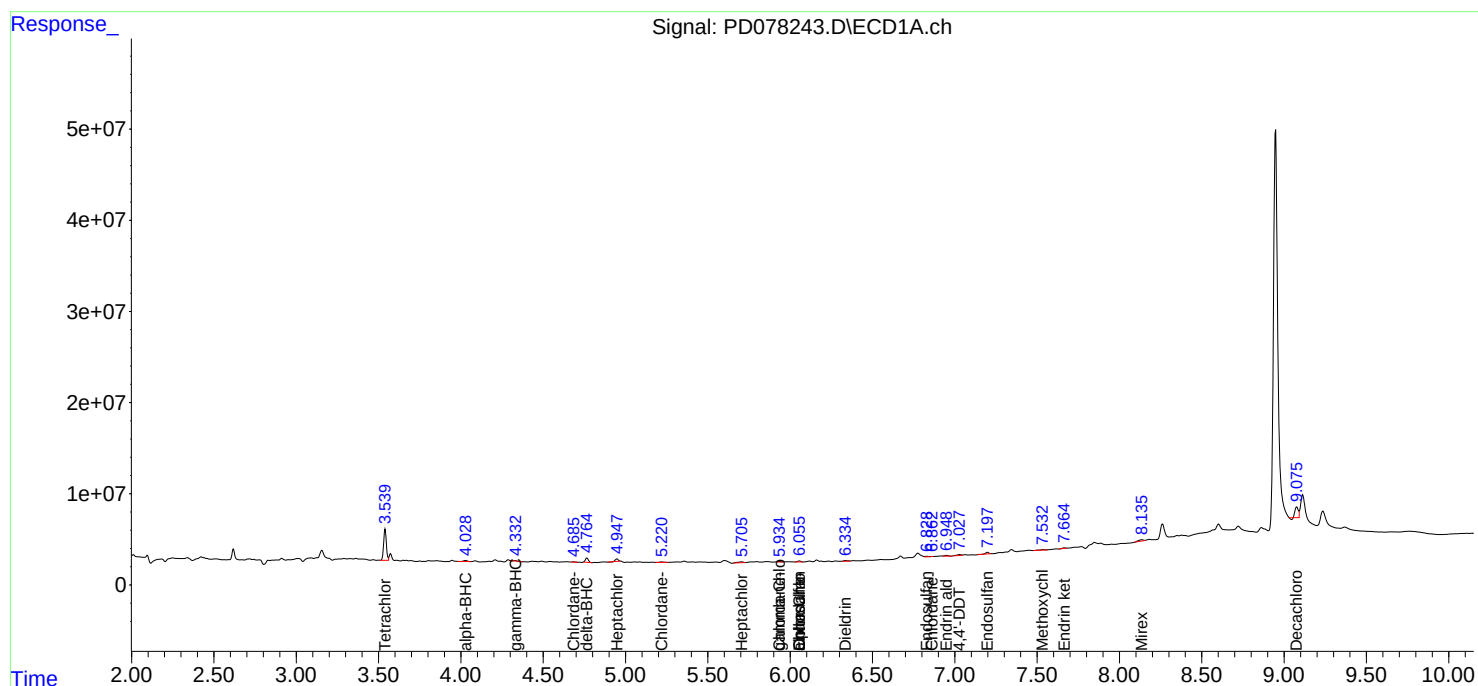
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

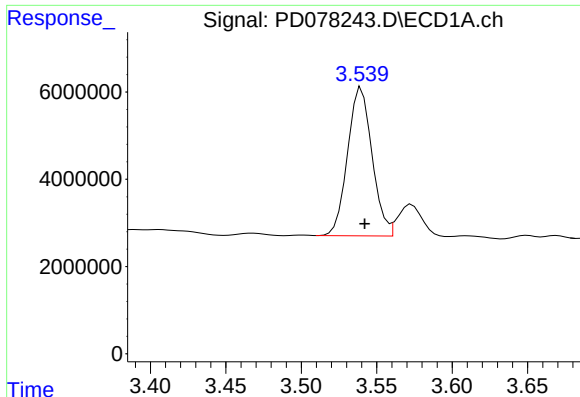
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092423\
Data File : PD078243.D
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Acq On : 22 Sep 2023 19:06
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Sample : 04540-01
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 01:03:45 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
Quant Title : GC Extractables
QLast Update : Fri Sep 01 16:18:56 2023
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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

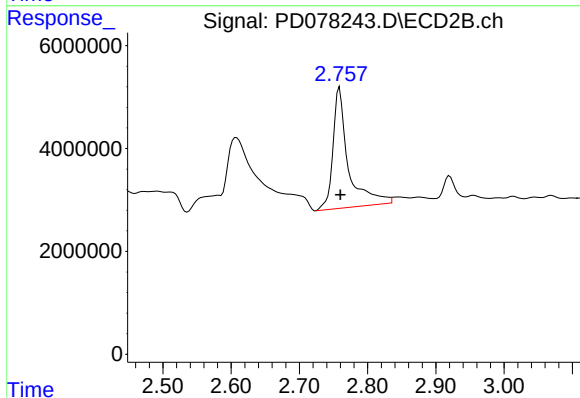




#1 Tetrachloro-m-xylene

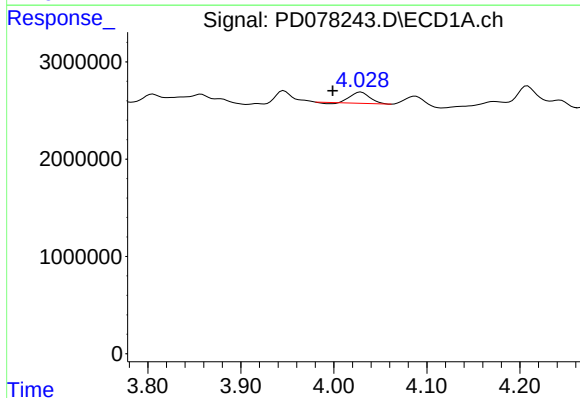
R.T.: 3.540 min
Delta R.T.: -0.002 min
Response: 38454729
Conc: 15.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



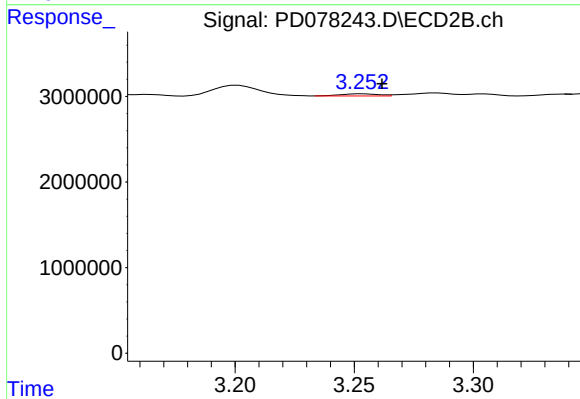
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: -0.001 min
Response: 36901508
Conc: 23.33 ng/ml



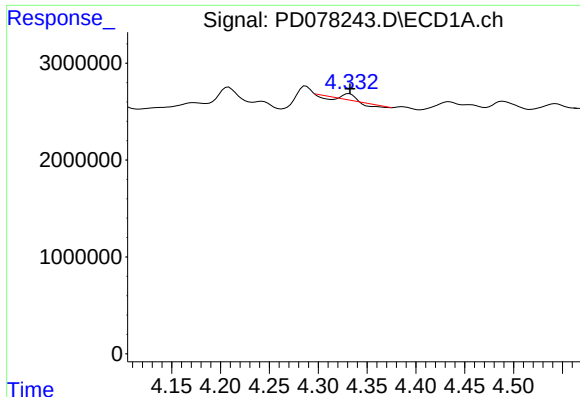
#2 alpha-BHC

R.T.: 4.029 min
Delta R.T.: 0.030 min
Response: 1596619
Conc: 0.39 ng/ml



#2 alpha-BHC

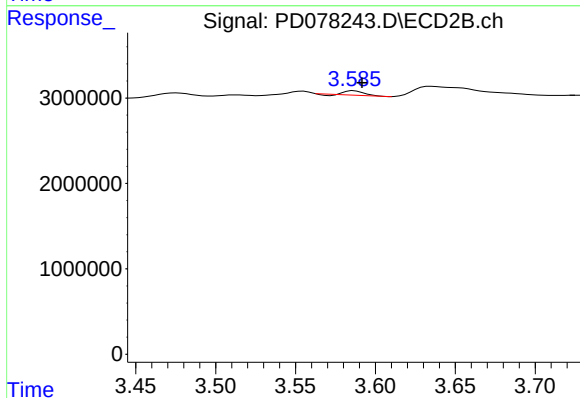
R.T.: 3.254 min
Delta R.T.: -0.008 min
Response: 298713
Conc: 0.13 ng/ml



#3 gamma-BHC (Lindane)

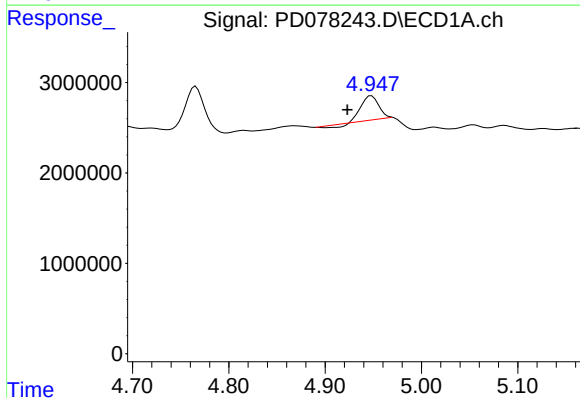
R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 111599
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



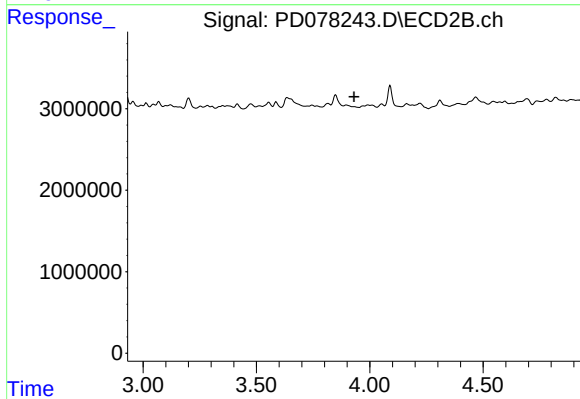
#3 gamma-BHC (Lindane)

R.T.: 3.587 min
Delta R.T.: -0.005 min
Response: 405939
Conc: 0.18 ng/ml



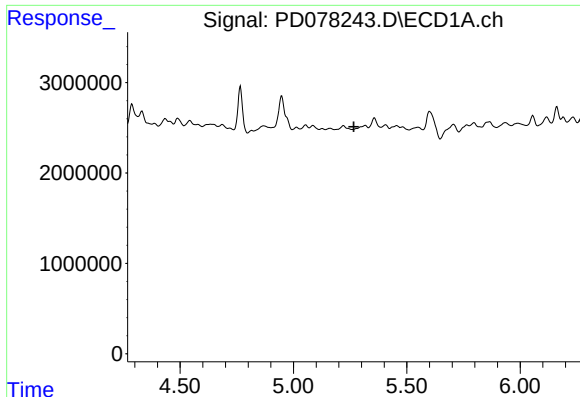
#4 Heptachlor

R.T.: 4.948 min
Delta R.T.: 0.025 min
Response: 3223113
Conc: 0.82 ng/ml



#4 Heptachlor

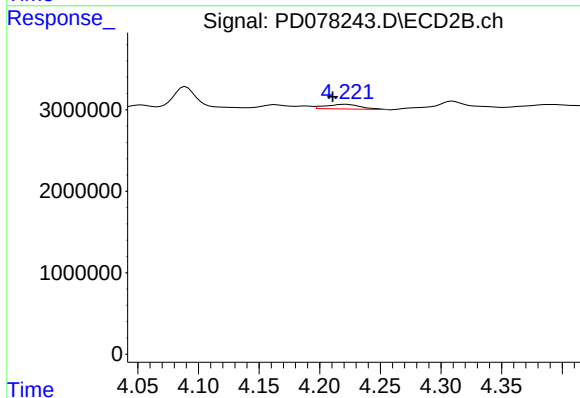
R.T.: 0.000 min
Exp R.T.: 3.931 min
Response: 0
Conc: N.D.



#5 Aldrin

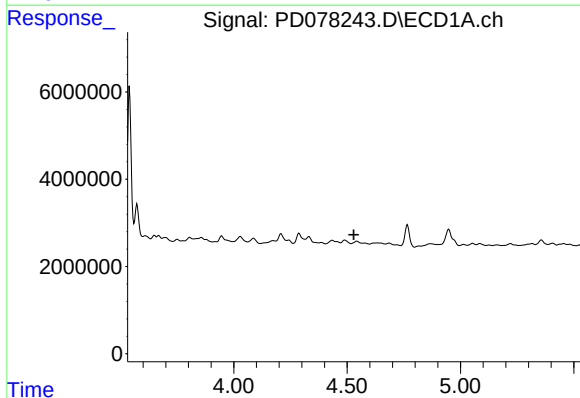
R.T.: 0.000 min
Exp R.T.: 5.266 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



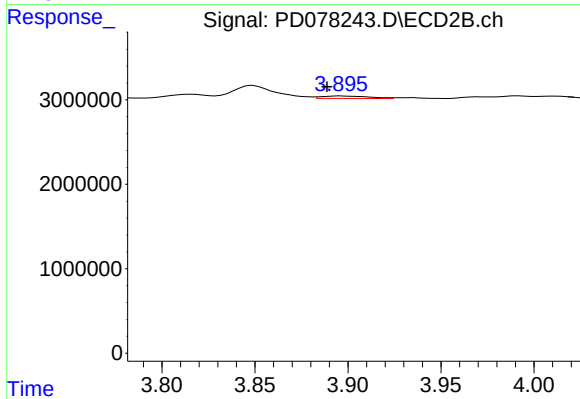
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: 0.011 min
Response: 1168554
Conc: 0.51 ng/ml



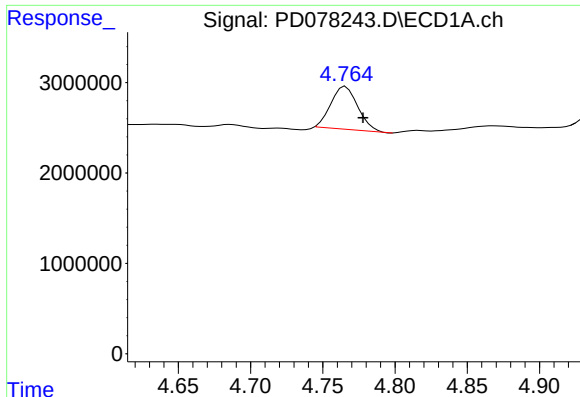
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: 0.013 min
Response: -181598
Conc: N.D.



#6 beta-BHC

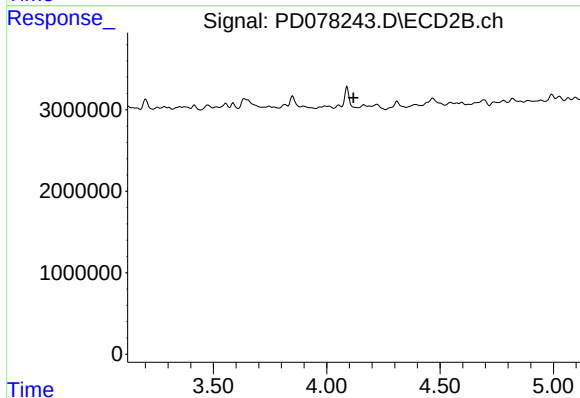
R.T.: 3.896 min
Delta R.T.: 0.008 min
Response: 487470
Conc: 0.55 ng/ml



#7 delta-BHC

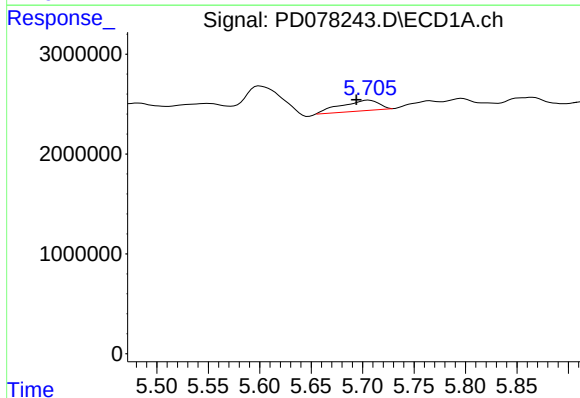
R.T.: 4.766 min
Delta R.T.: -0.012 min
Response: 6133101
Conc: 1.66 ng/ml

Instrument :
ECD_D
ClientSampleId :



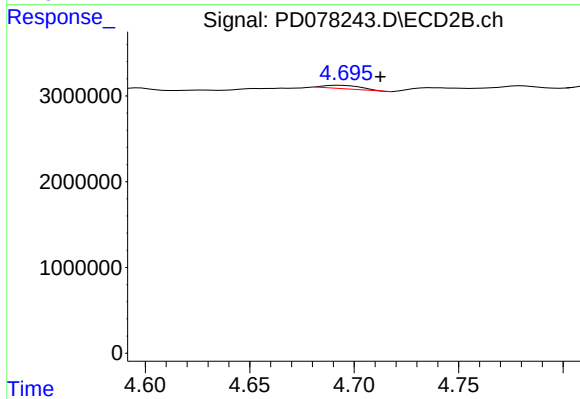
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.119 min
Response: 0
Conc: N.D.



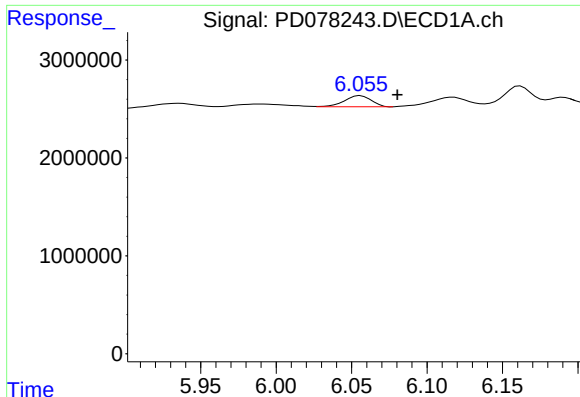
#8 Heptachlor epoxide

R.T.: 5.706 min
Delta R.T.: 0.012 min
Response: 2828824
Conc: 0.79 ng/ml



#8 Heptachlor epoxide

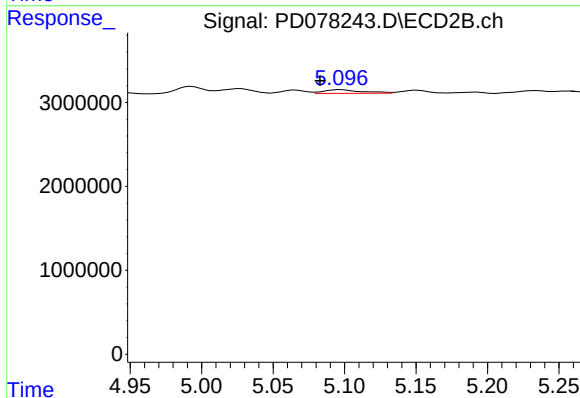
R.T.: 4.693 min
Delta R.T.: -0.019 min
Response: 488424
Conc: 0.24 ng/ml



#9 Endosulfan I

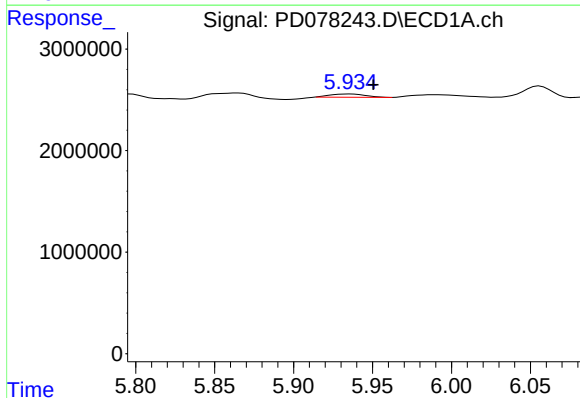
R.T.: 6.056 min
Delta R.T.: -0.024 min
Response: 1389447
Conc: 0.42 ng/ml

Instrument :
ECD_D
ClientSampleId :



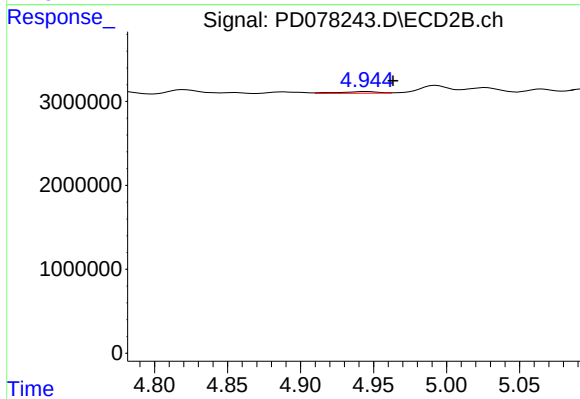
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: 0.014 min
Response: 810306
Conc: 0.43 ng/ml



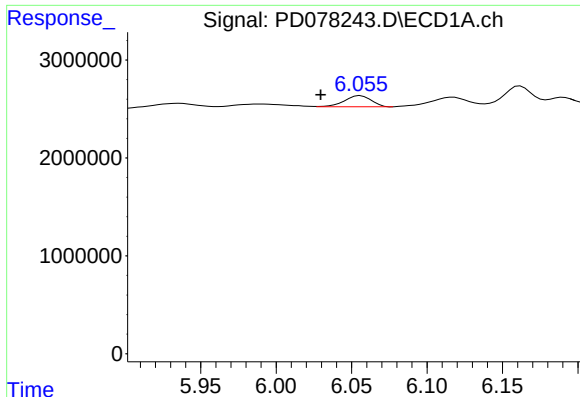
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.015 min
Response: 496859
Conc: 0.14 ng/ml



#10 gamma-Chlordane

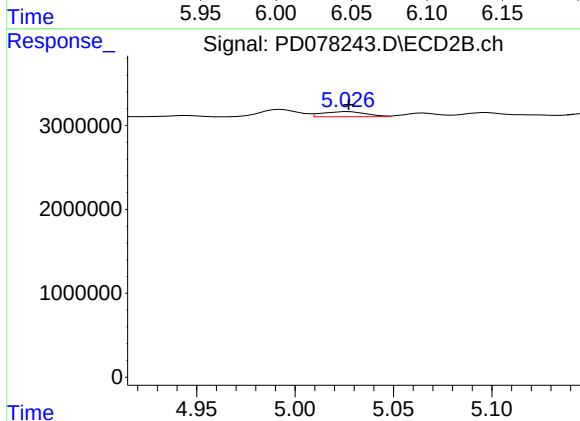
R.T.: 4.945 min
Delta R.T.: -0.018 min
Response: 356543
Conc: 0.18 ng/ml



#11 alpha-Chlordane

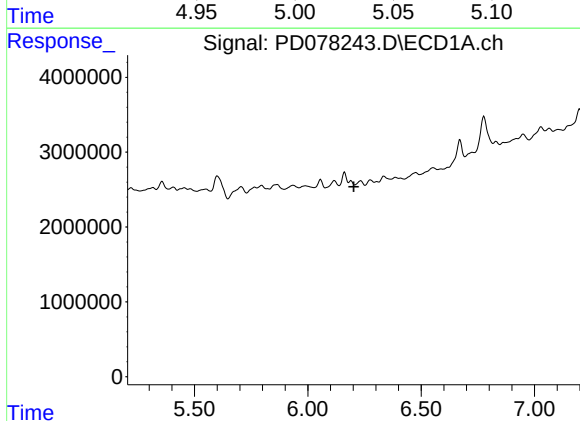
R.T.: 6.056 min
Delta R.T.: 0.026 min
Response: 1389447
Conc: 0.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



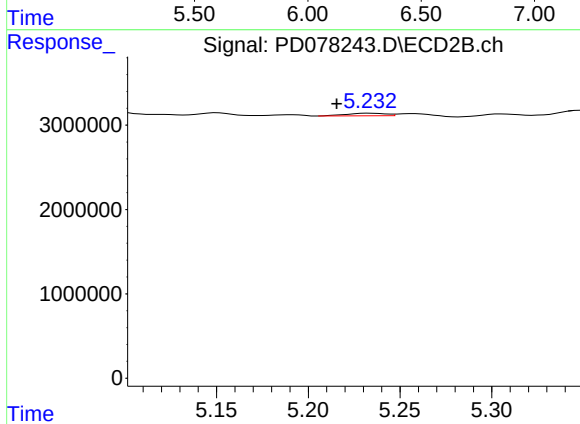
#11 alpha-Chlordane

R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 946216
Conc: 0.47 ng/ml



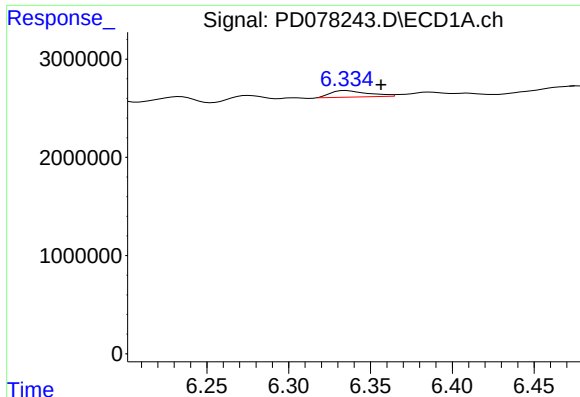
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.012 min
Response: -556989
Conc: N.D.



#12 4,4'-DDE

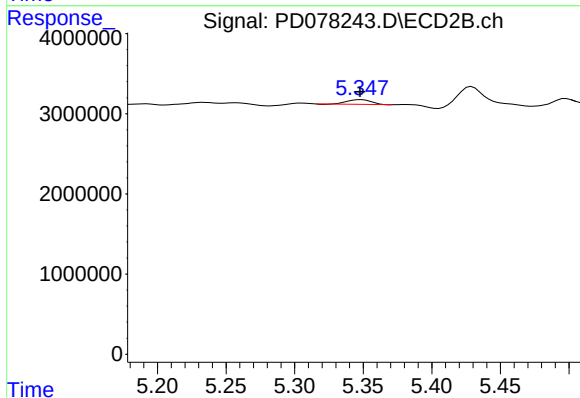
R.T.: 5.233 min
Delta R.T.: 0.018 min
Response: 457427
Conc: 0.25 ng/ml



#13 Dieldrin

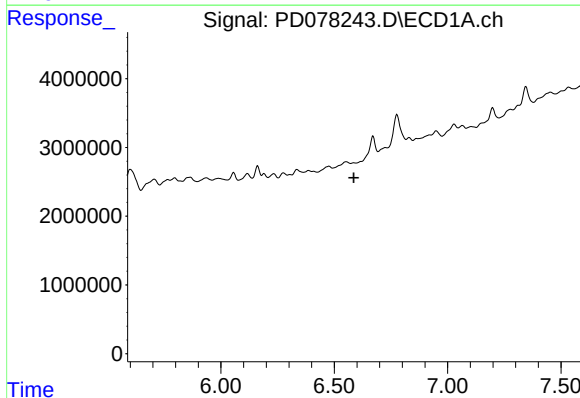
R.T.: 6.335 min
Delta R.T.: -0.021 min
Response: 1069985
Conc: 0.30 ng/ml

Instrument :
ECD_D
ClientSampleId :



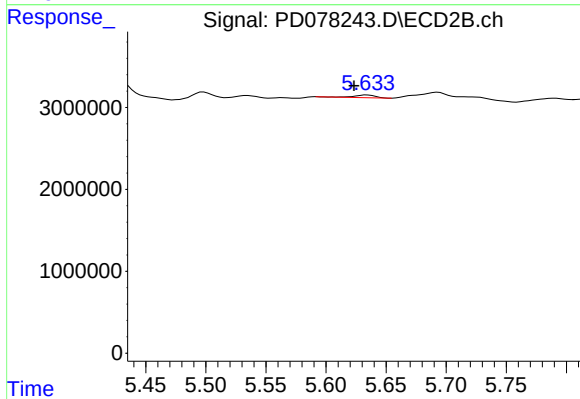
#13 Dieldrin

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 705266
Conc: 0.35 ng/ml



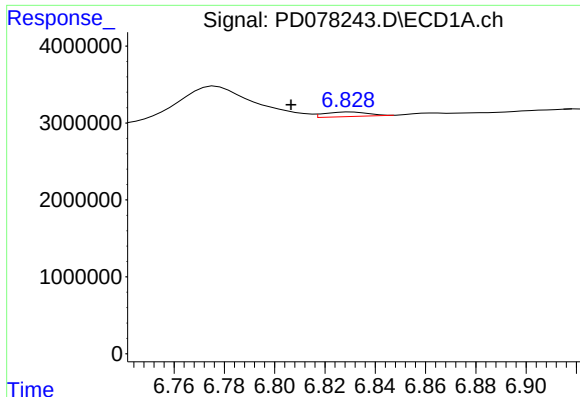
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.587 min
Response: 0
Conc: N.D.



#14 Endrin

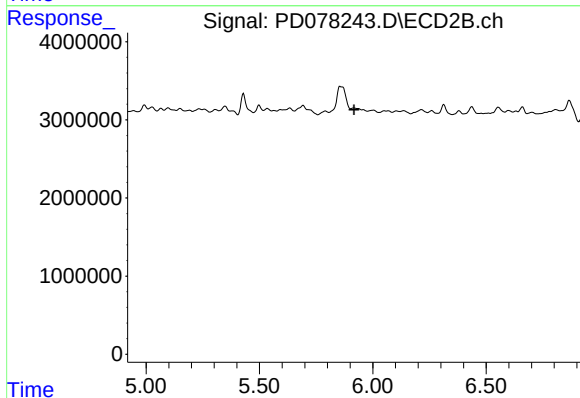
R.T.: 5.634 min
Delta R.T.: 0.011 min
Response: 404493
Conc: 0.22 ng/ml



#15 Endosulfan II

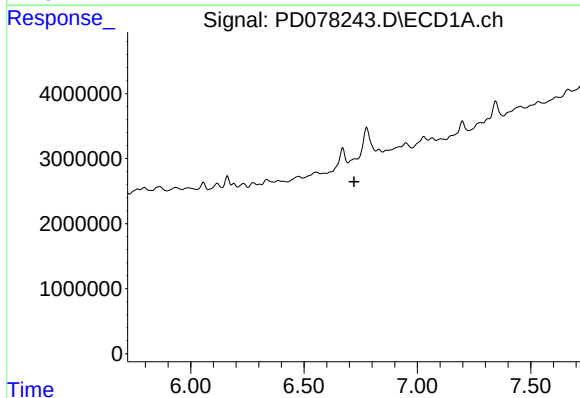
R.T.: 6.830 min
Delta R.T.: 0.024 min
Response: 725338
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :



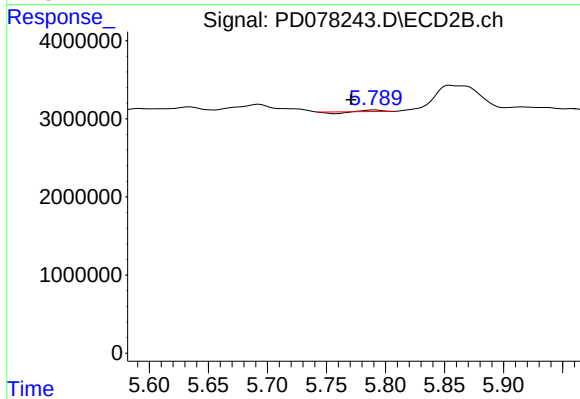
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 5.918 min
Response: 0
Conc: N.D.



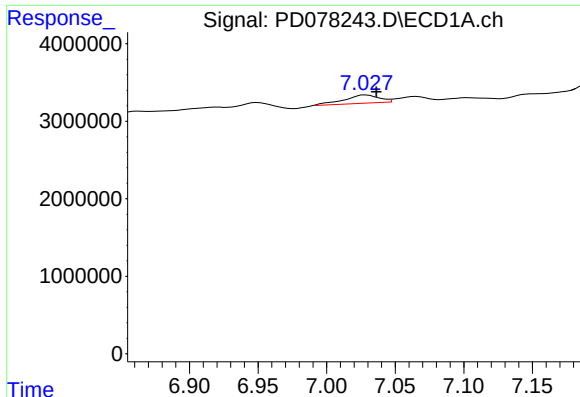
#16 4,4'-DDD

R.T.: 6.725 min
Delta R.T.: 0.004 min
Response: -977293
Conc: N.D.



#16 4,4'-DDD

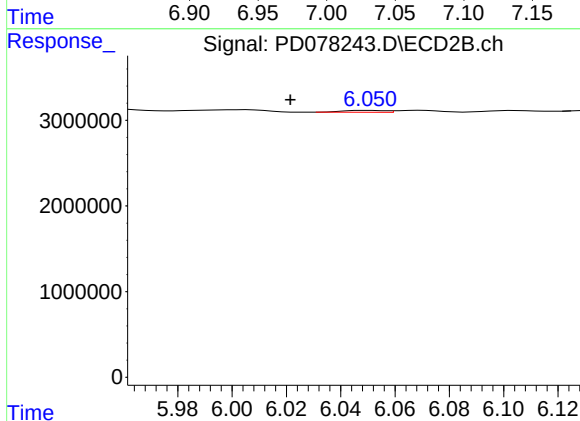
R.T.: 5.791 min
Delta R.T.: 0.020 min
Response: 8511
Conc: 0.01 ng/ml



#17 4,4'-DDT

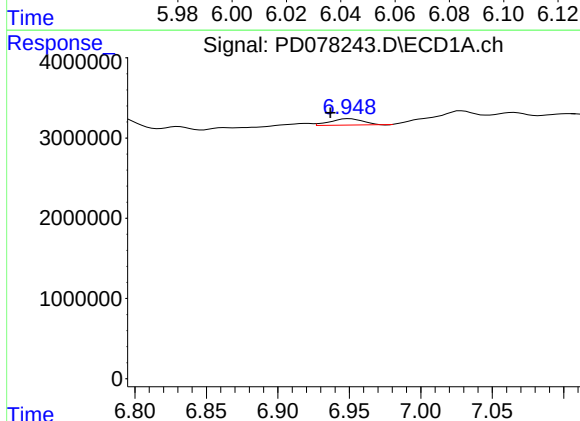
R.T.: 7.029 min
Delta R.T.: -0.008 min
Response: 1871770
Conc: 0.72 ng/ml

Instrument :
ECD_D
ClientSampleId :



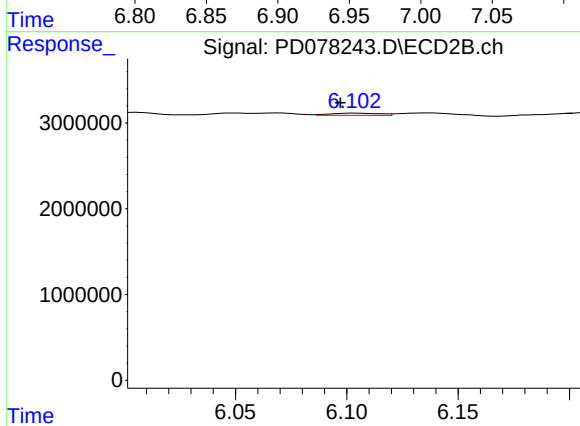
#17 4,4'-DDT

R.T.: 6.050 min
Delta R.T.: 0.029 min
Response: 244356
Conc: 0.17 ng/ml



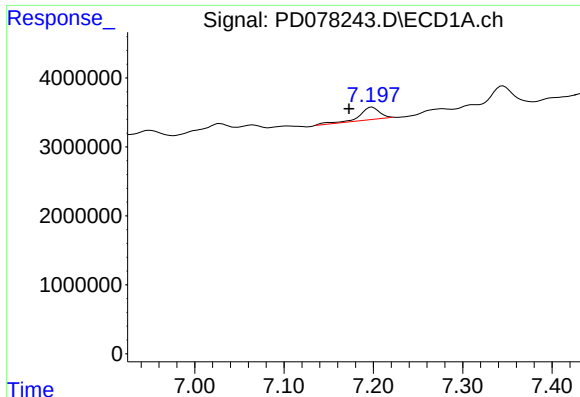
#18 Endrin aldehyde

R.T.: 6.950 min
Delta R.T.: 0.013 min
Response: 1263338
Conc: 0.53 ng/ml



#18 Endrin aldehyde

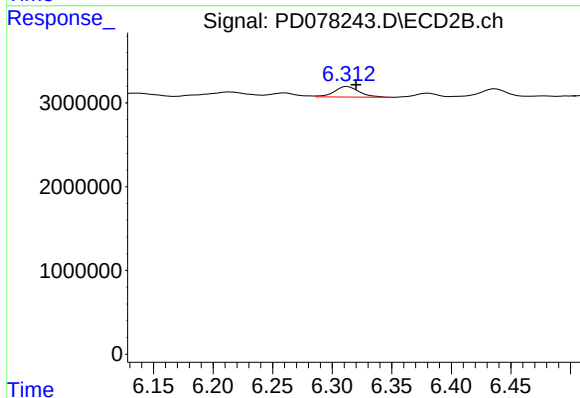
R.T.: 6.104 min
Delta R.T.: 0.007 min
Response: 397656
Conc: 0.29 ng/ml



#19 Endosulfan Sulfate

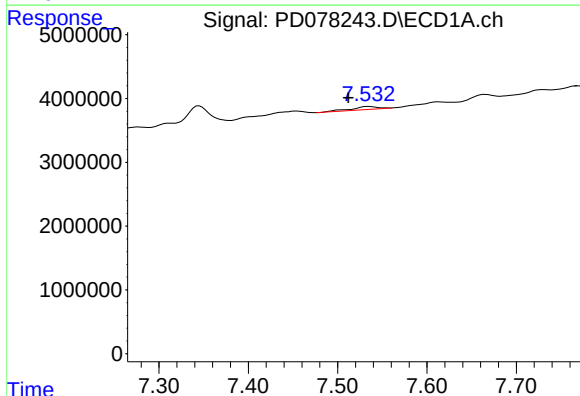
R.T.: 7.199 min
Delta R.T.: 0.026 min
Response: 2964299
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



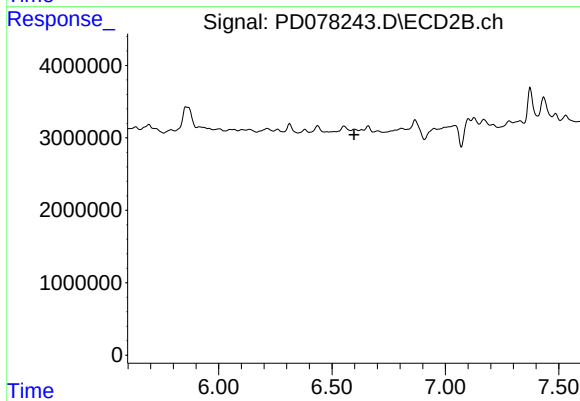
#19 Endosulfan Sulfate

R.T.: 6.313 min
Delta R.T.: -0.007 min
Response: 1832748
Conc: 1.14 ng/ml



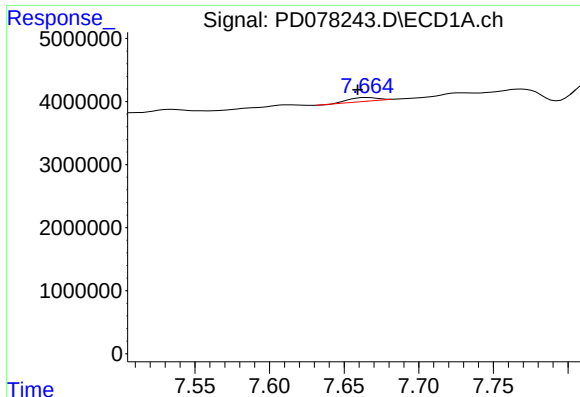
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.022 min
Response: 1084884
Conc: 0.70 ng/ml



#20 Methoxychlor

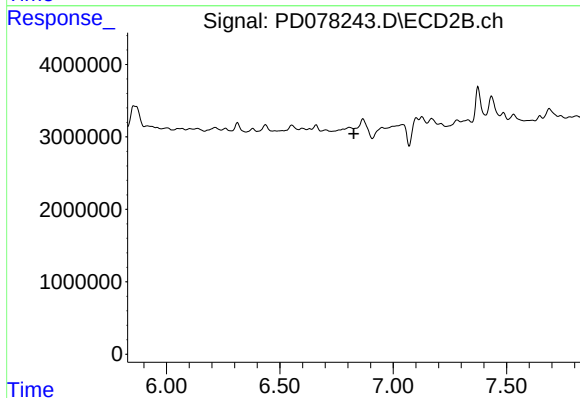
R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: -11183
Conc: N.D.



#21 Endrin ketone

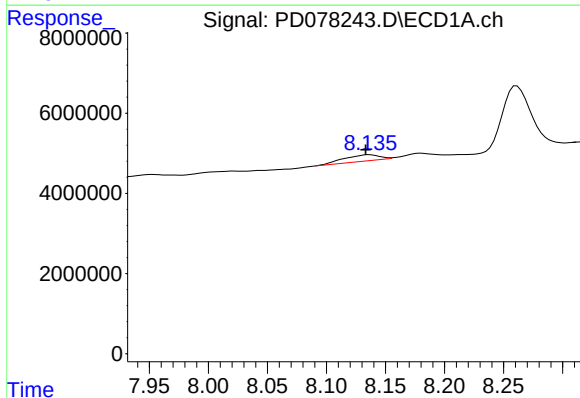
R.T.: 7.666 min
Delta R.T.: 0.006 min
Response: 777600
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



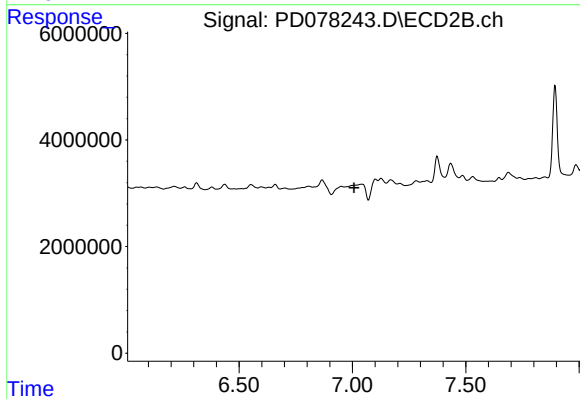
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.827 min
Response: 0
Conc: N.D.



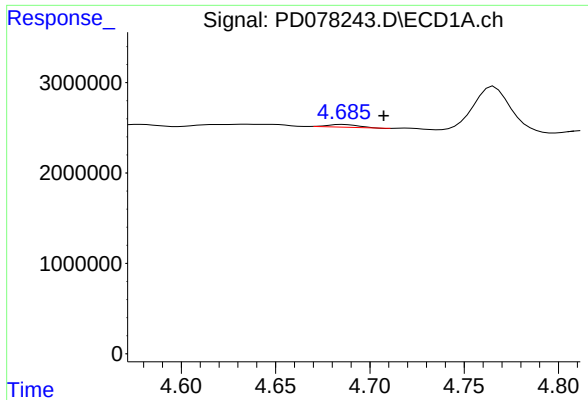
#22 Mirex

R.T.: 8.136 min
Delta R.T.: 0.003 min
Response: 3284025
Conc: 1.37 ng/ml



#22 Mirex

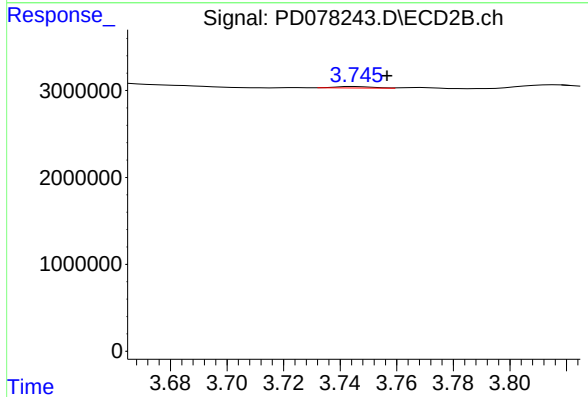
R.T.: 0.000 min
Exp R.T. : 7.008 min
Response: 0
Conc: N.D.



#23 Chlordane-1

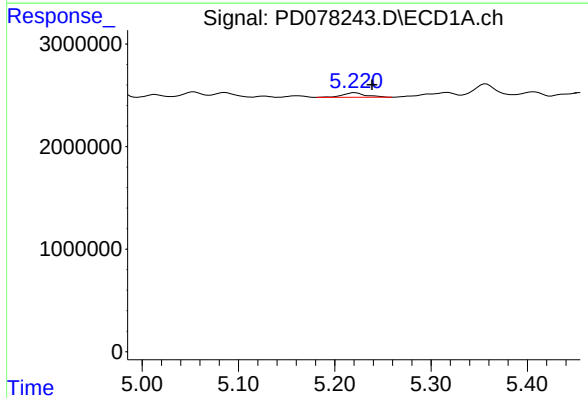
R.T.: 4.686 min
Delta R.T.: -0.021 min
Response: 339038
Conc: 2.90 ng/ml

Instrument :
ECD_D
ClientSampleId :



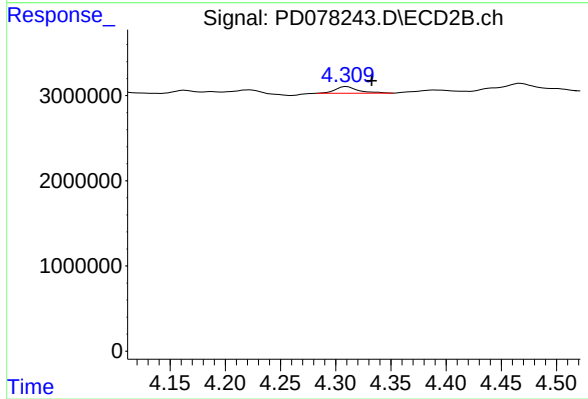
#23 Chlordane-1

R.T.: 3.745 min
Delta R.T.: -0.011 min
Response: 150190
Conc: 2.64 ng/ml



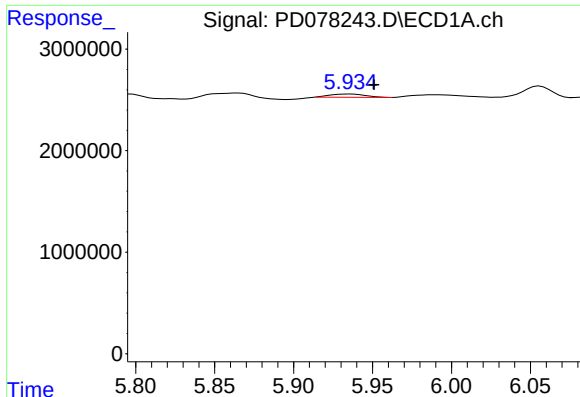
#24 Chlordane-2

R.T.: 5.221 min
Delta R.T.: -0.018 min
Response: 726579
Conc: 5.69 ng/ml



#24 Chlordane-2

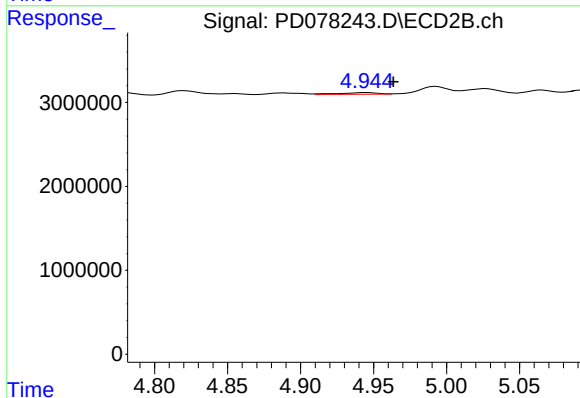
R.T.: 4.310 min
Delta R.T.: -0.023 min
Response: 1127956
Conc: 17.71 ng/ml



#25 Chlordane-3

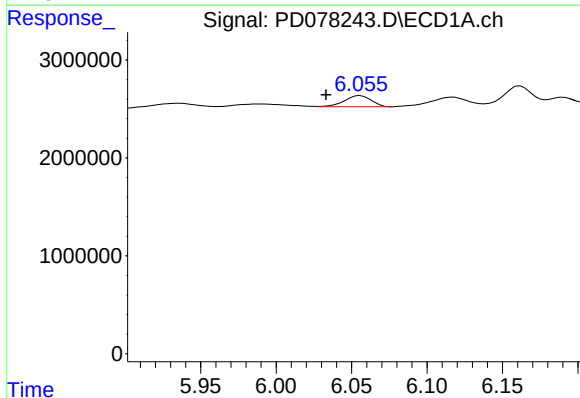
R.T.: 5.936 min
Delta R.T.: -0.015 min
Response: 496859
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :



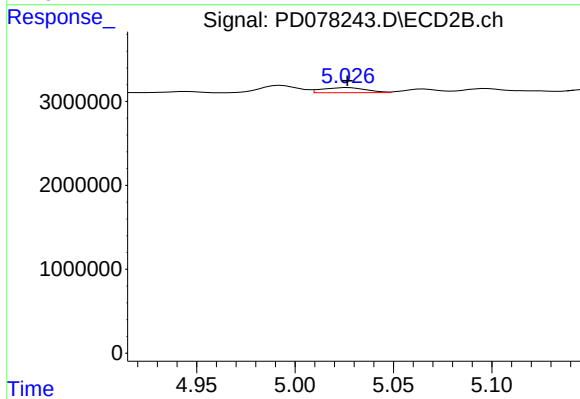
#25 Chlordane-3

R.T.: 4.945 min
Delta R.T.: -0.019 min
Response: 356543
Conc: 1.82 ng/ml



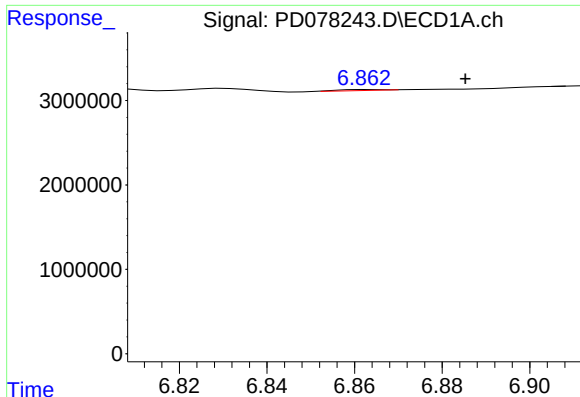
#26 Chlordane-4

R.T.: 6.056 min
Delta R.T.: 0.023 min
Response: 1389447
Conc: 2.26 ng/ml



#26 Chlordane-4

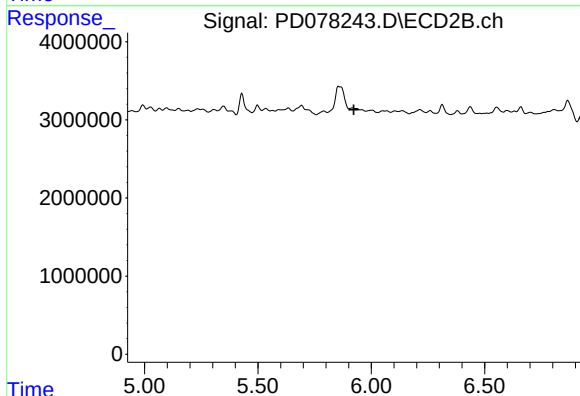
R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 946216
Conc: 5.00 ng/ml



#27 Chlordane-5

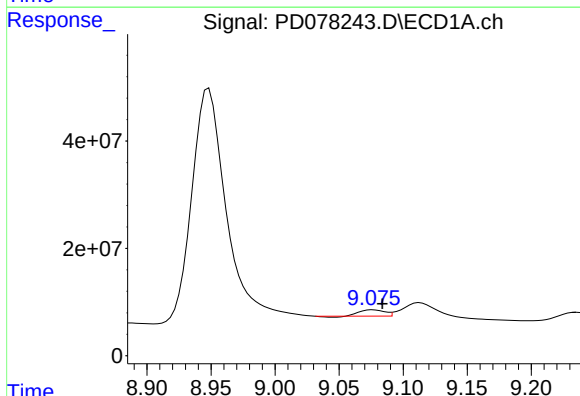
R.T.: 6.863 min
Delta R.T.: -0.022 min
Response: 73777
Conc: 0.73 ng/ml

Instrument :
ECD_D
ClientSampleId :



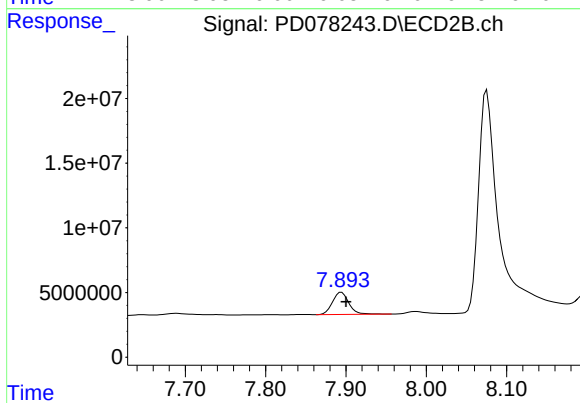
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 5.923 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: -0.007 min
Response: 14749733
Conc: 4.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.894 min
Delta R.T.: -0.006 min
Response: 24186692
Conc: 14.02 ng/ml