

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062523\
 Data File : PD076139.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jun 2023 01:45
 Operator : AR\AJ
 Sample : 03376-06MSD
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TW-1MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 05:36:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 10:43:19 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.546	2.768	36315738	17993786	17.049	16.585
28)	SA Decachlor...	9.086	7.911	31238530	13590476	12.331	13.899
Target Compounds							
2)	A alpha-BHC	4.003	3.270	214.6E6	93157773	58.128	58.233
3)	MA gamma-BHC...	4.336	3.599	196.7E6	87204144	58.454	59.184
4)	MA Heptachlor	4.927	3.940	174.3E6	76497553	48.590	50.365
5)	MB Aldrin	5.270	4.220	165.5E6	71859190	47.220	48.189
6)	B beta-BHC	4.532	3.896	80525570	36789897	56.009	57.718
7)	B delta-BHC	4.781	4.126	192.1E6	86840125	57.790	59.932
8)	B Heptachlo...	5.697	4.722	174.9E6	78336902	54.279	57.029
9)	A Endosulfan I	6.084	5.092	163.7E6	73576509	54.581	57.562
10)	B gamma-Chl...	5.954	4.972	176.3E6	78176210	54.734	56.975
11)	B alpha-Chl...	6.033	5.037	173.1E6	77425535	53.542	56.442
12)	B 4,4'-DDE	6.206	5.226	157.7E6	70328483	55.159	63.009
13)	MA Dieldrin	6.359	5.357	171.0E6	78056258	54.719	57.855
14)	MA Endrin	6.590	5.632	141.2E6	70004646	52.792	57.523
15)	B Endosulfa...	6.810	5.926	135.7E6	63815655	52.532	59.152
16)	A 4,4'-DDD	6.724	5.780	129.2E6	60356490	56.786	68.488
17)	MA 4,4'-DDT	7.039	6.031	130.3E6	58321033	57.401	71.798 #
18)	B Endrin al...	6.940	6.106	79650585	49573422	39.694	57.278 #
19)	B Endosulfa...	7.174	6.329	134.6E6	63892889	53.413	59.127
20)	A Methoxychlor	7.514	6.607	69056361	32136658	53.350	69.433 #
21)	B Endrin ke...	7.661	6.835	149.6E6	72375833	53.681	59.571
22)	Mirex	8.136	7.017	101.2E6	52713545	47.227	50.289
23)	Chlordane-1	0.000	3.779	0	197210	N.D.	4.309 #
24)	Chlordane-2	5.270f	0.000	165.5E6	0	1257.289	N.D. #
25)	Chlordane-3	5.954	4.972	176.3E6	78176210	339.519	526.585 #
26)	Chlordane-4	6.033	5.037	173.1E6	77425535	274.658	527.572 #
27)	Chlordane-5	0.000	5.926	0	63815655	N.D.	1319.393 #

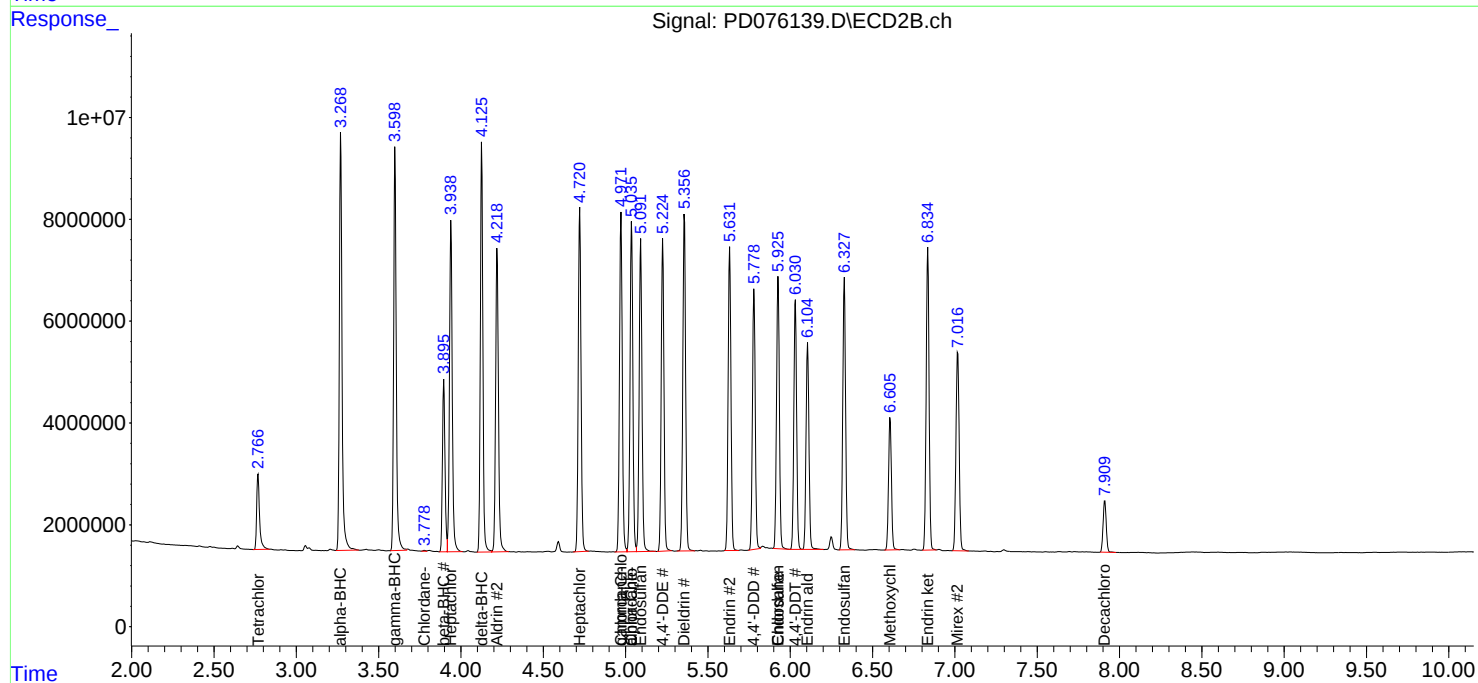
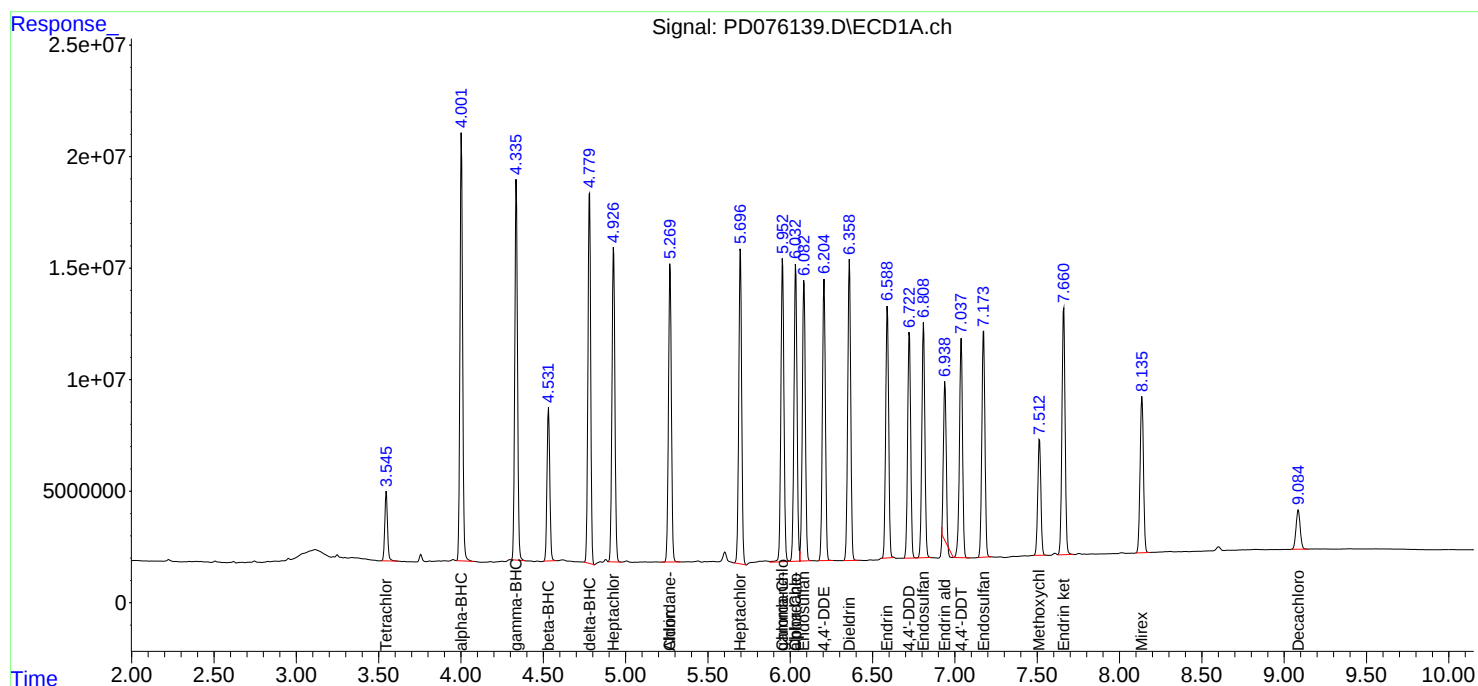
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

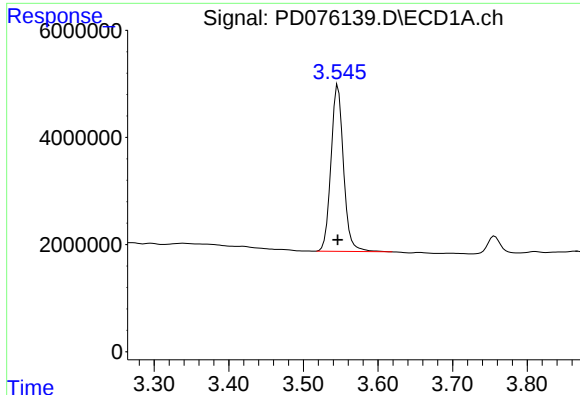
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062523\
Data File : PD076139.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jun 2023 01:45
Operator : AR\AJ
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Integration File signal 1: autoint1.e
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Quant Time: Jun 26 05:36:48 2023
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Volume Inj. : 2 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

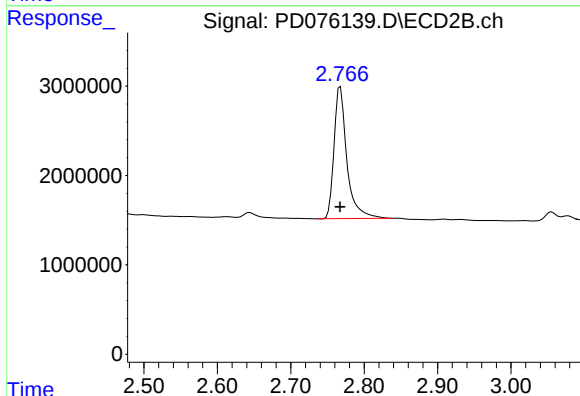




#1 Tetrachloro-m-xylene

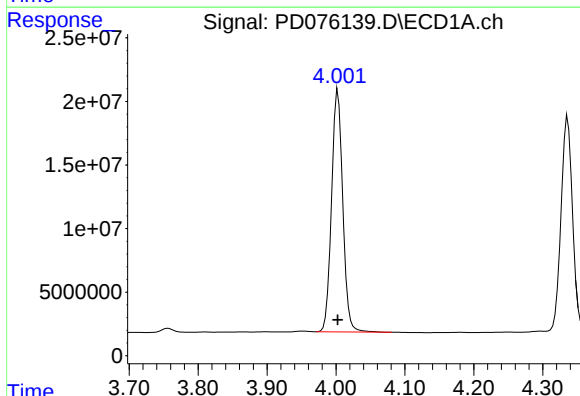
R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 36315738
Conc: 17.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
TW-1MSD



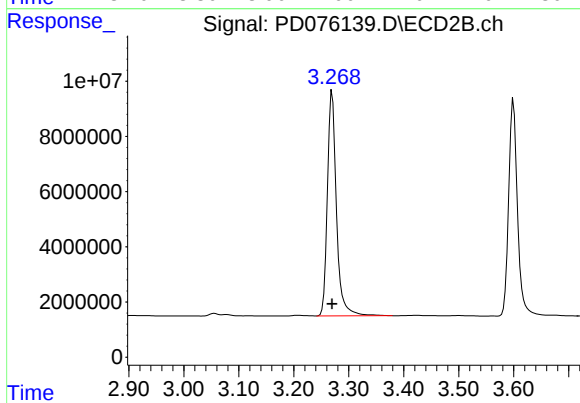
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 17993786
Conc: 16.59 ng/ml



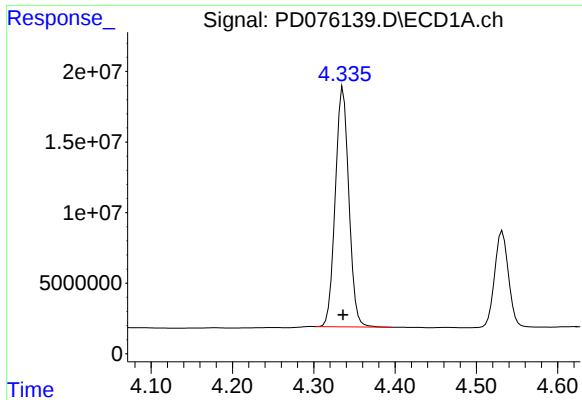
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 214614055
Conc: 58.13 ng/ml



#2 alpha-BHC

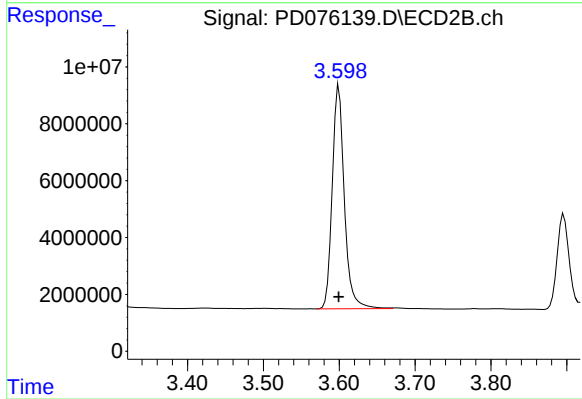
R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 93157773
Conc: 58.23 ng/ml



#3 gamma-BHC (Lindane)

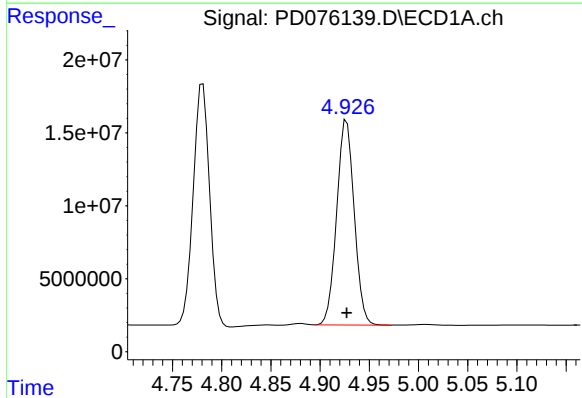
R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 196691382
Conc: 58.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
TW-1MSD



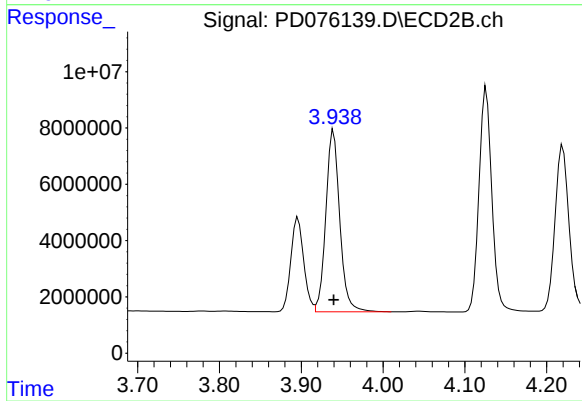
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 87204144
Conc: 59.18 ng/ml



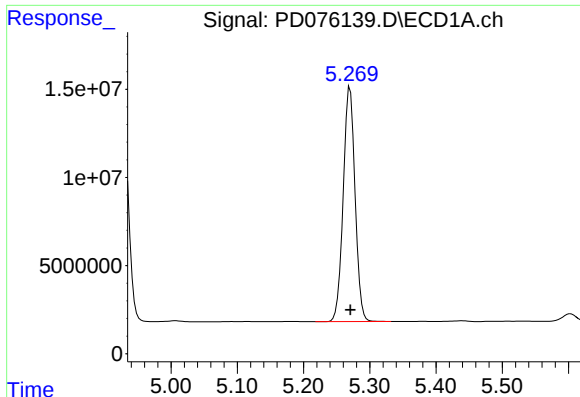
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 174271576
Conc: 48.59 ng/ml



#4 Heptachlor

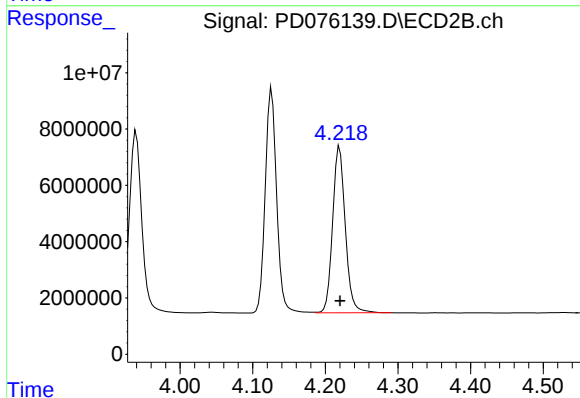
R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 76497553
Conc: 50.37 ng/ml



#5 Aldrin

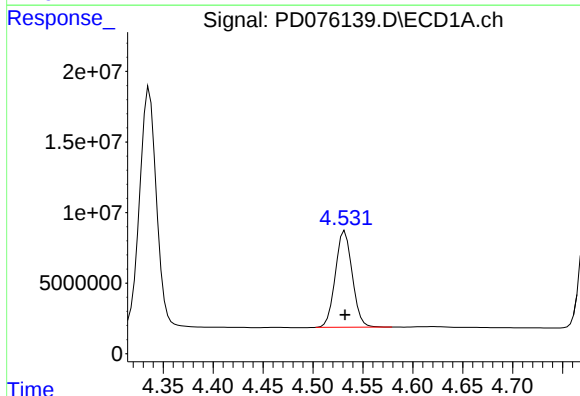
R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 165469758
Conc: 47.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
TW-1MSD



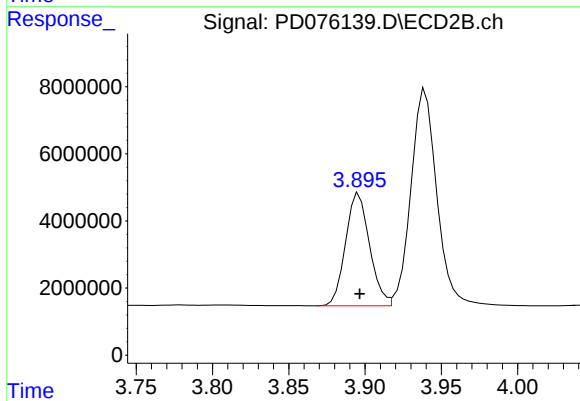
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 71859190
Conc: 48.19 ng/ml



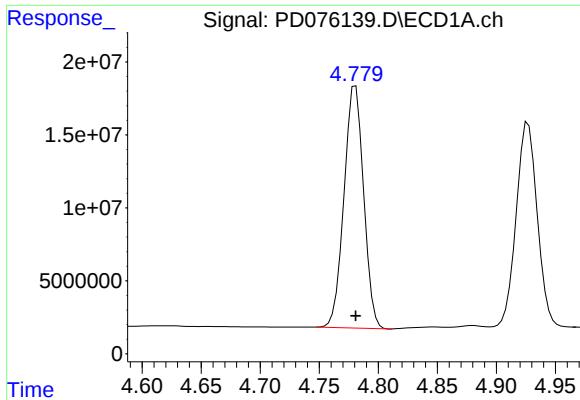
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 80525570
Conc: 56.01 ng/ml



#6 beta-BHC

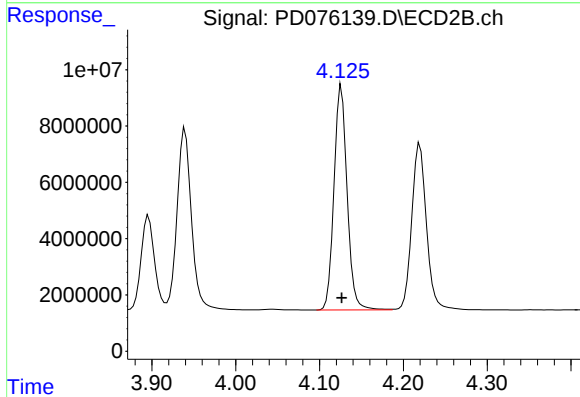
R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 36789897
Conc: 57.72 ng/ml



#7 delta-BHC

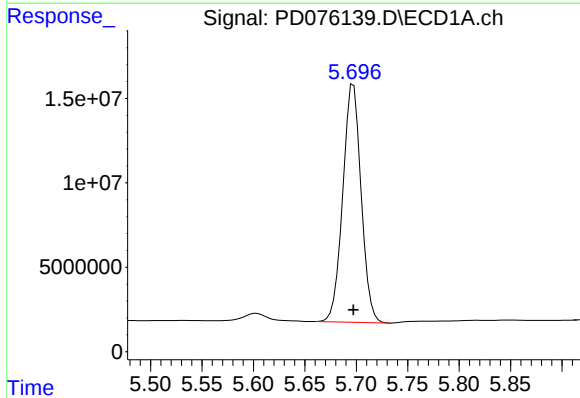
R.T.: 4.781 min
Delta R.T.: 0.000 min
Response: 192075464
Conc: 57.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
TW-1MSD



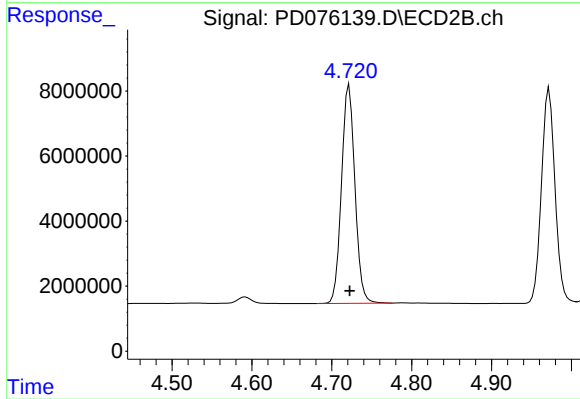
#7 delta-BHC

R.T.: 4.126 min
Delta R.T.: 0.000 min
Response: 86840125
Conc: 59.93 ng/ml



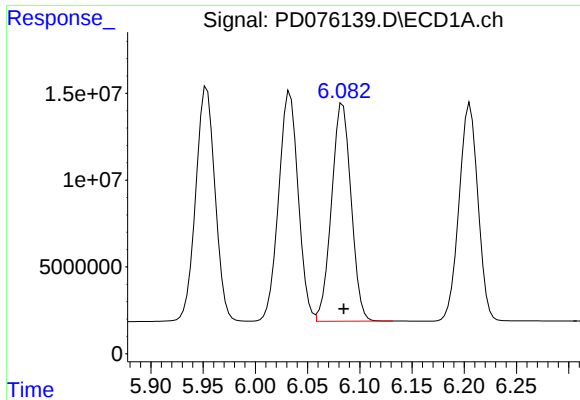
#8 Heptachlor epoxide

R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 174904571
Conc: 54.28 ng/ml



#8 Heptachlor epoxide

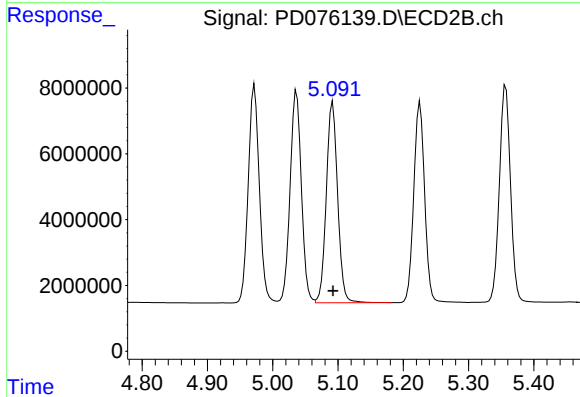
R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 78336902
Conc: 57.03 ng/ml



#9 Endosulfan I

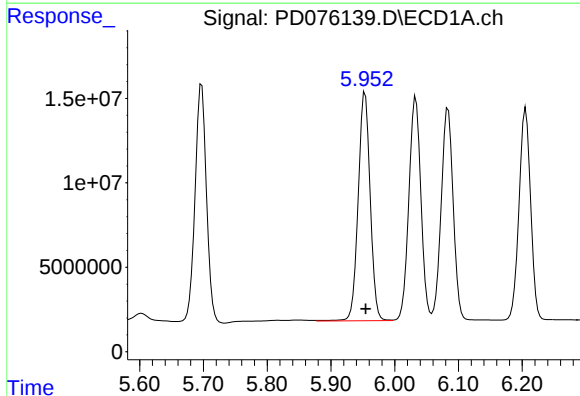
R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 163714948
Conc: 54.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
TW-1MSD



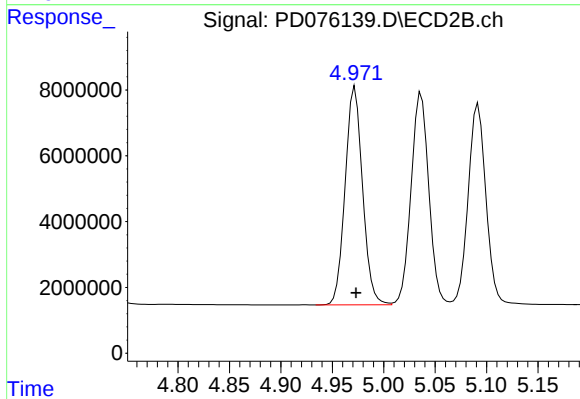
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 73576509
Conc: 57.56 ng/ml



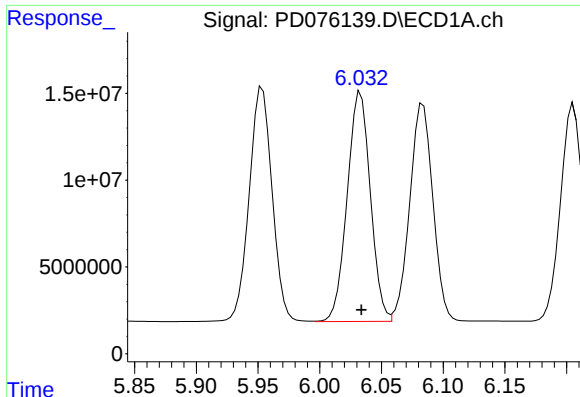
#10 gamma-Chlordane

R.T.: 5.954 min
Delta R.T.: -0.001 min
Response: 176315787
Conc: 54.73 ng/ml



#10 gamma-Chlordane

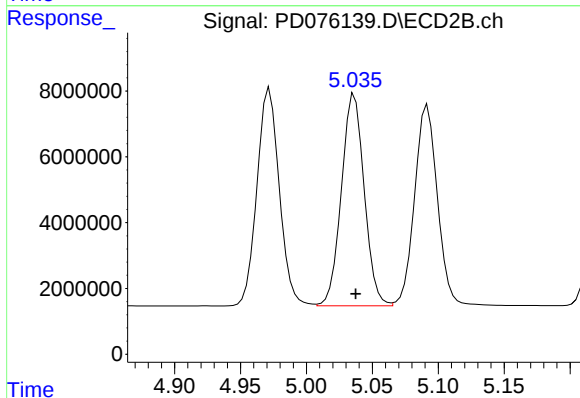
R.T.: 4.972 min
Delta R.T.: -0.001 min
Response: 78176210
Conc: 56.97 ng/ml



#11 alpha-Chlordane

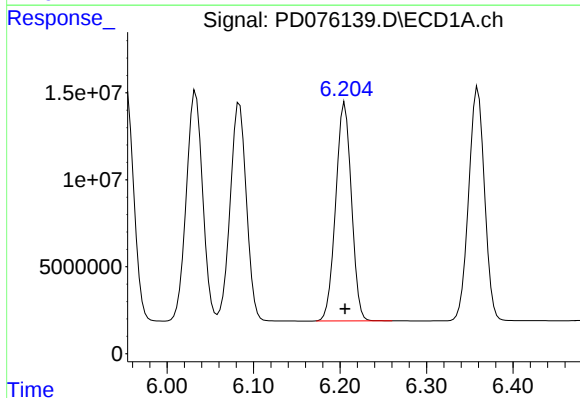
R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 173095650
Conc: 53.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
TW-1MSD



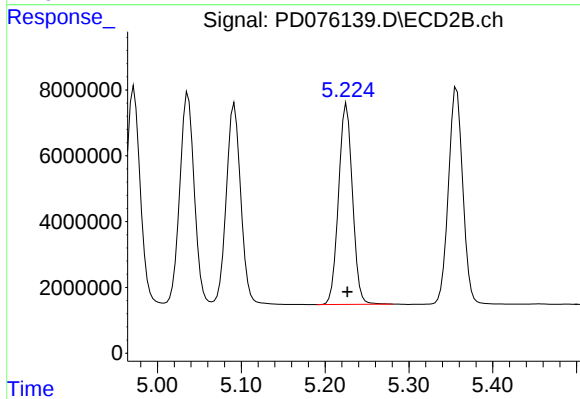
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 77425535
Conc: 56.44 ng/ml



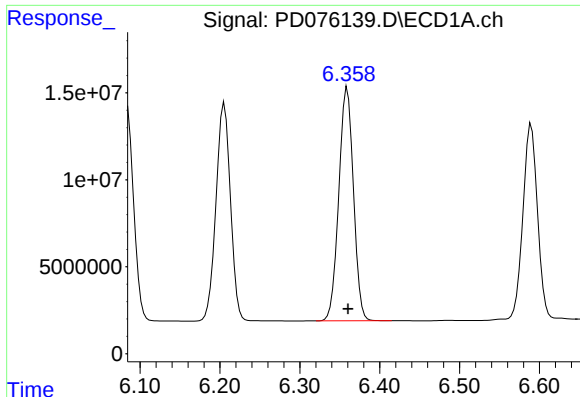
#12 4,4'-DDE

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 157653309
Conc: 55.16 ng/ml



#12 4,4'-DDE

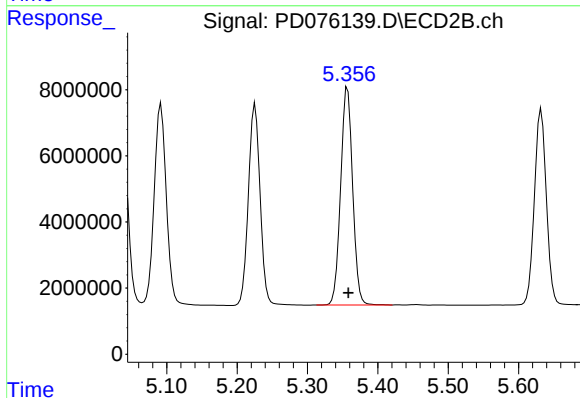
R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 70328483
Conc: 63.01 ng/ml



#13 Dieldrin

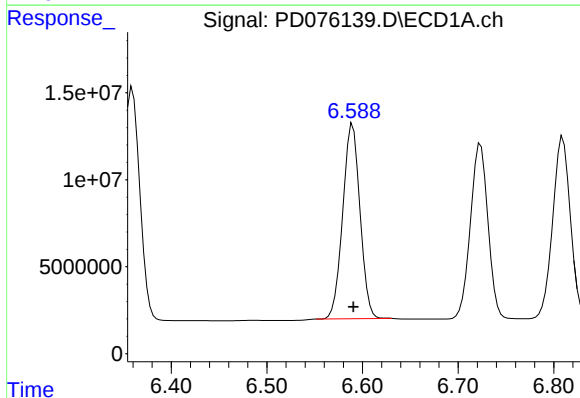
R.T.: 6.359 min
Delta R.T.: -0.001 min
Response: 170996269
Conc: 54.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
TW-1MSD



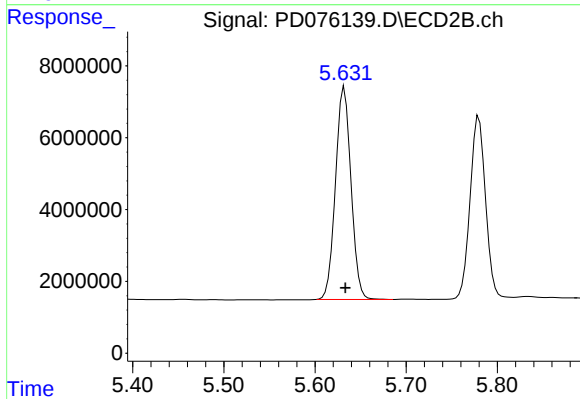
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: -0.001 min
Response: 78056258
Conc: 57.86 ng/ml



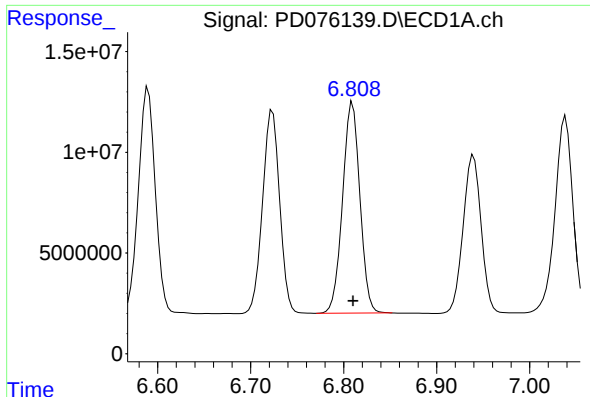
#14 Endrin

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 141183205
Conc: 52.79 ng/ml



#14 Endrin

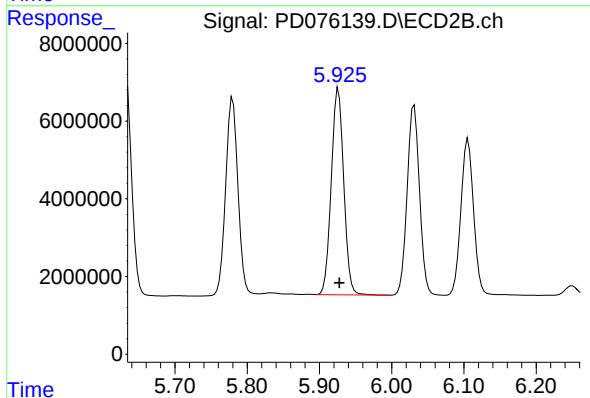
R.T.: 5.632 min
Delta R.T.: -0.001 min
Response: 70004646
Conc: 57.52 ng/ml



#15 Endosulfan II

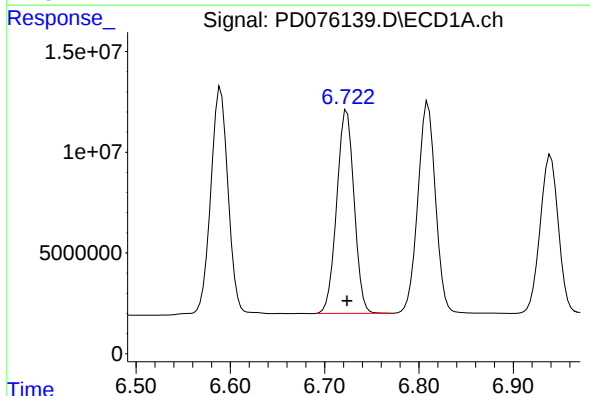
R.T.: 6.810 min
Delta R.T.: 0.000 min
Response: 135723195
Conc: 52.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
TW-1MSD



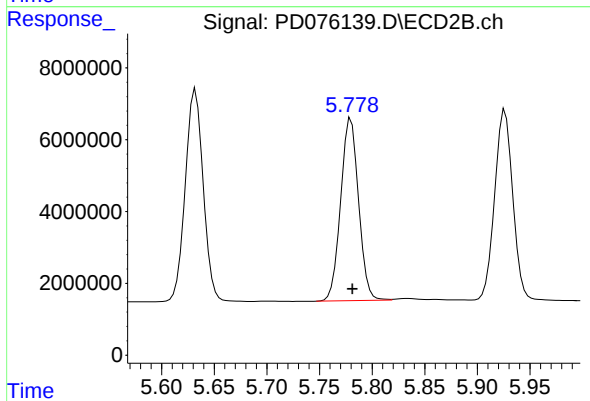
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.002 min
Response: 63815655
Conc: 59.15 ng/ml



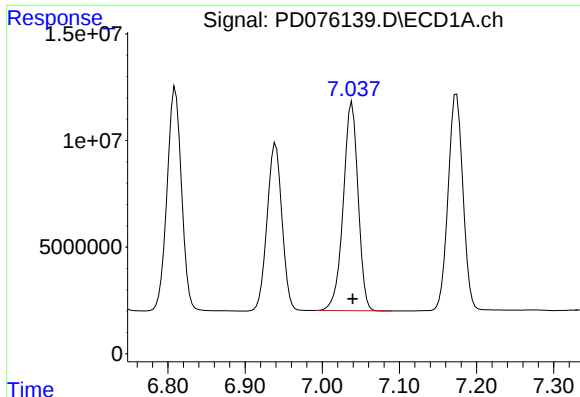
#16 4,4'-DDD

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 129223677
Conc: 56.79 ng/ml



#16 4,4'-DDD

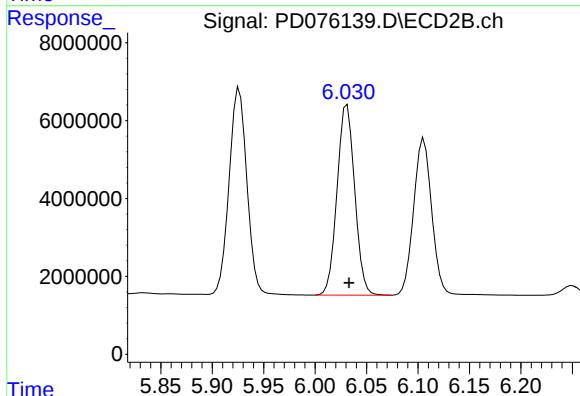
R.T.: 5.780 min
Delta R.T.: -0.001 min
Response: 60356490
Conc: 68.49 ng/ml



#17 4,4'-DDT

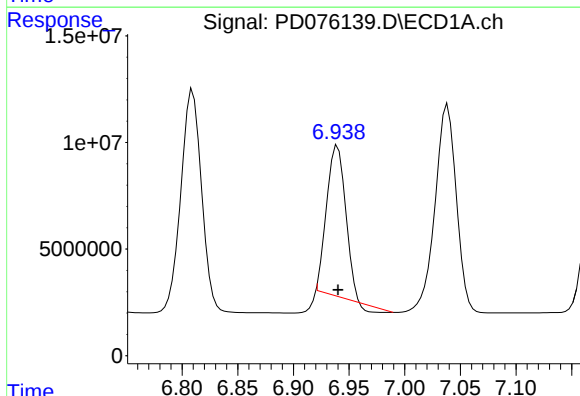
R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 130256865
Conc: 57.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
TW-1MSD



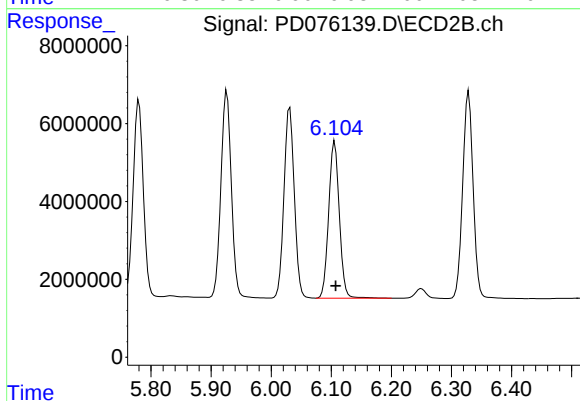
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 58321033
Conc: 71.80 ng/ml



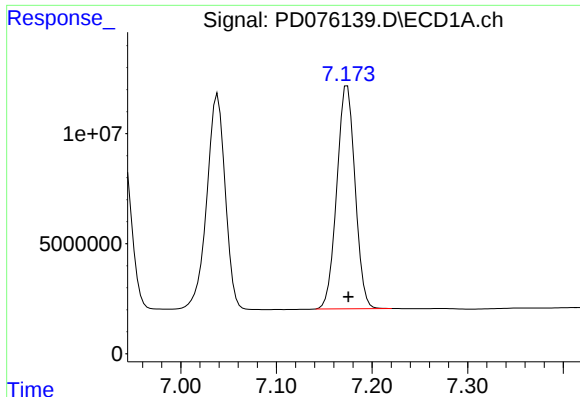
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 79650585
Conc: 39.69 ng/ml



#18 Endrin aldehyde

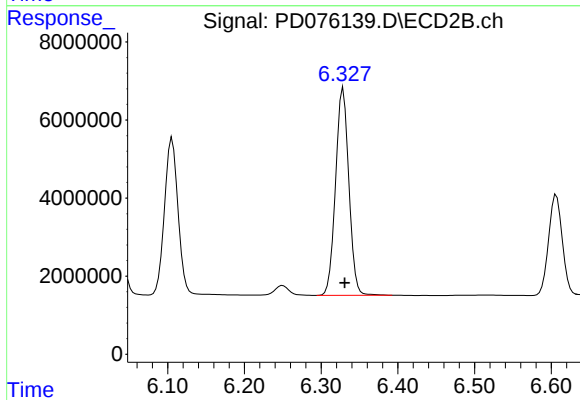
R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 49573422
Conc: 57.28 ng/ml



#19 Endosulfan Sulfate

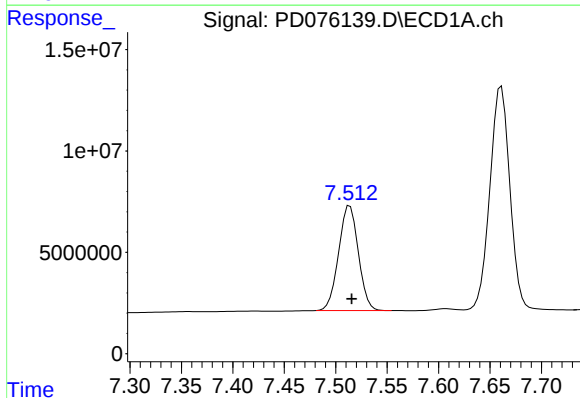
R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 134565922
Conc: 53.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
TW-1MSD



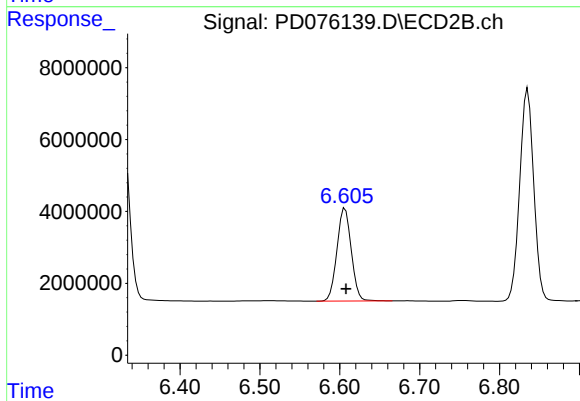
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 63892889
Conc: 59.13 ng/ml



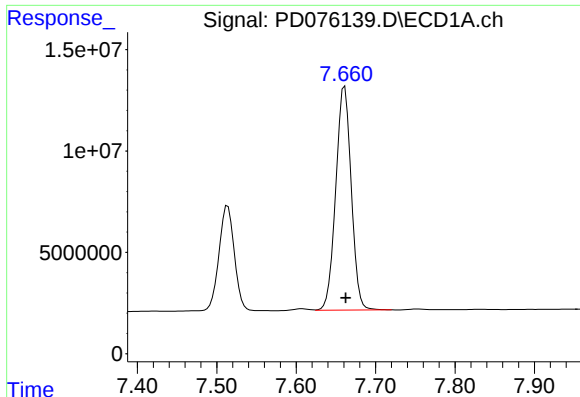
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: -0.002 min
Response: 69056361
Conc: 53.35 ng/ml



#20 Methoxychlor

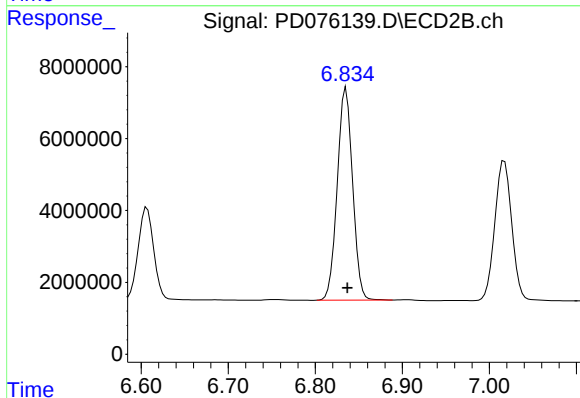
R.T.: 6.607 min
Delta R.T.: -0.001 min
Response: 32136658
Conc: 69.43 ng/ml



#21 Endrin ketone

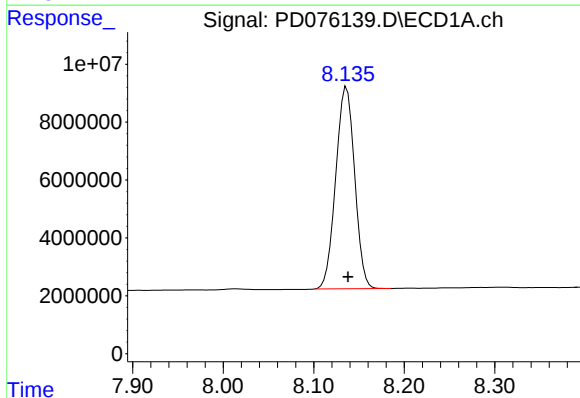
R.T.: 7.661 min
Delta R.T.: -0.001 min
Response: 149552224
Conc: 53.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
TW-1MSD



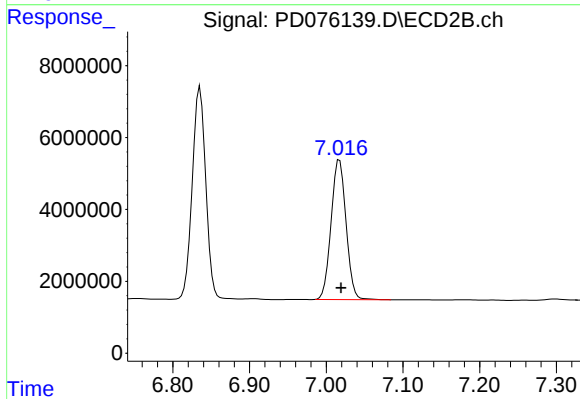
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: -0.002 min
Response: 72375833
Conc: 59.57 ng/ml



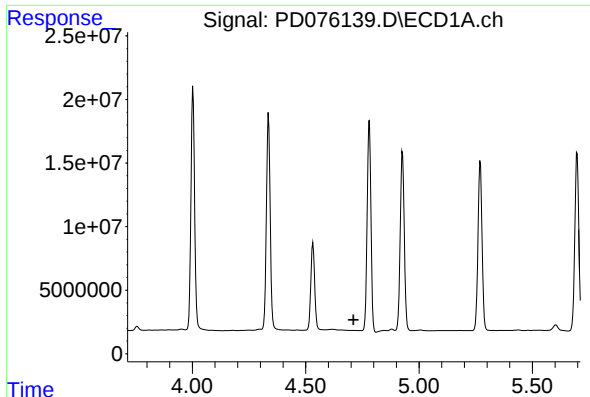
#22 Mirex

R.T.: 8.136 min
Delta R.T.: -0.002 min
Response: 101186245
Conc: 47.23 ng/ml



#22 Mirex

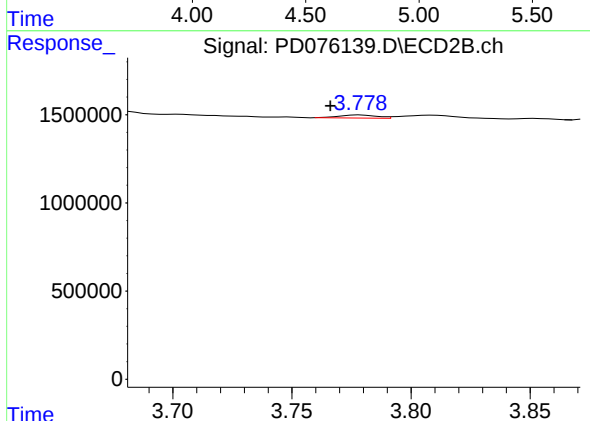
R.T.: 7.017 min
Delta R.T.: -0.002 min
Response: 52713545
Conc: 50.29 ng/ml



#23 Chlordane-1

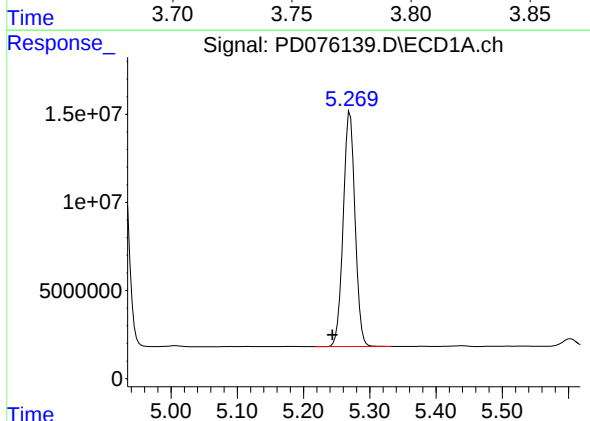
R.T.: 0.000 min
Exp R.T.: 4.711 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
TW-1MSD



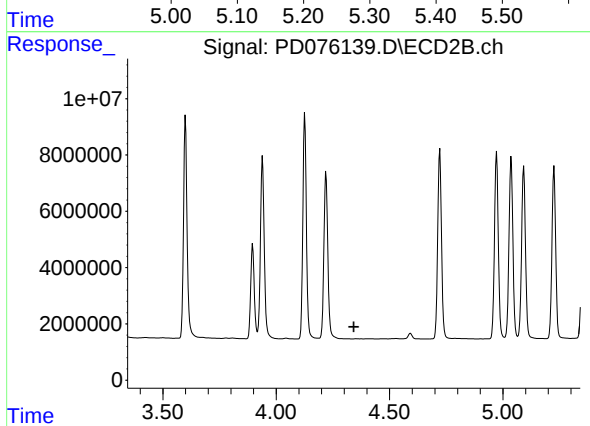
#23 Chlordane-1

R.T.: 3.779 min
Delta R.T.: 0.013 min
Response: 197210
Conc: 4.31 ng/ml



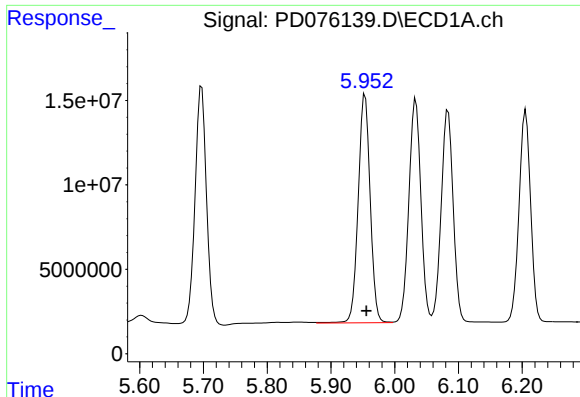
#24 Chlordane-2

R.T.: 5.270 min
Delta R.T.: 0.027 min
Response: 165469758
Conc: 1257.29 ng/ml



#24 Chlordane-2

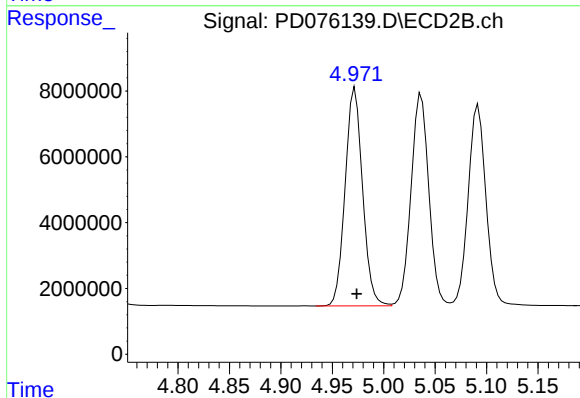
R.T.: 0.000 min
Exp R.T.: 4.343 min
Response: 0
Conc: N.D.



#25 Chlordane-3

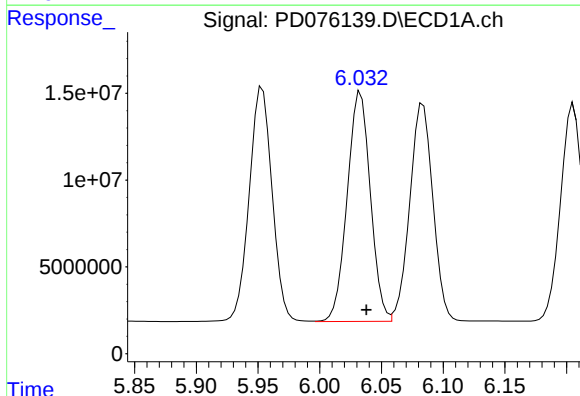
R.T.: 5.954 min
Delta R.T.: -0.002 min
Response: 176315787
Conc: 339.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
TW-1MSD



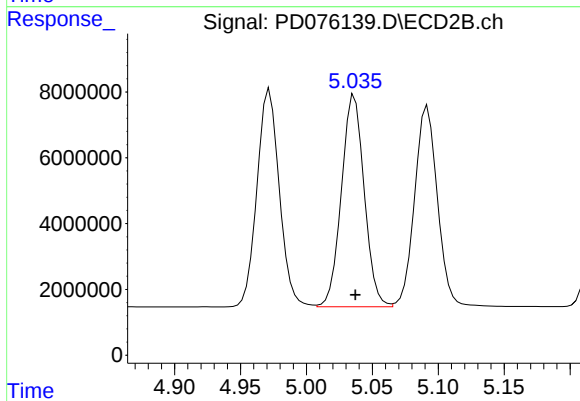
#25 Chlordane-3

R.T.: 4.972 min
Delta R.T.: -0.001 min
Response: 78176210
Conc: 526.58 ng/ml



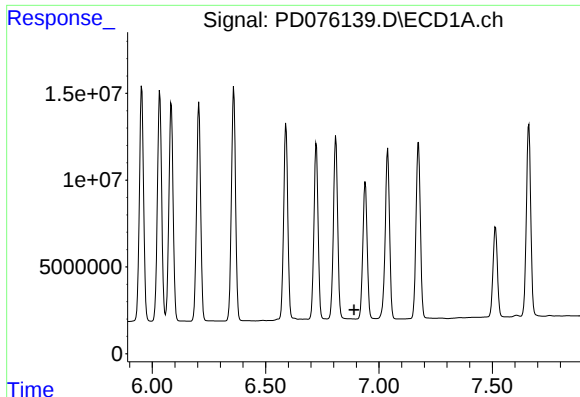
#26 Chlordane-4

R.T.: 6.033 min
Delta R.T.: -0.005 min
Response: 173095650
Conc: 274.66 ng/ml



#26 Chlordane-4

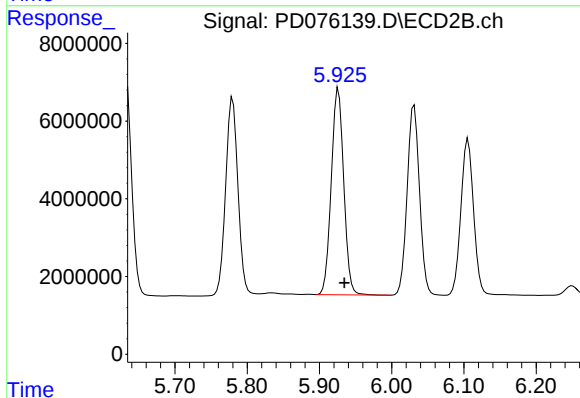
R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 77425535
Conc: 527.57 ng/ml



#27 Chlordane-5

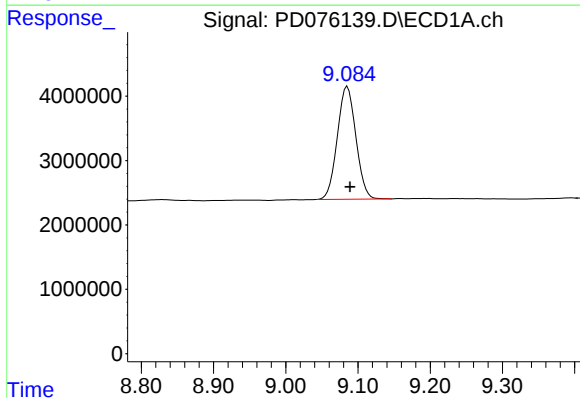
R.T.: 0.000 min
Exp R.T.: 6.890 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
TW-1MSD



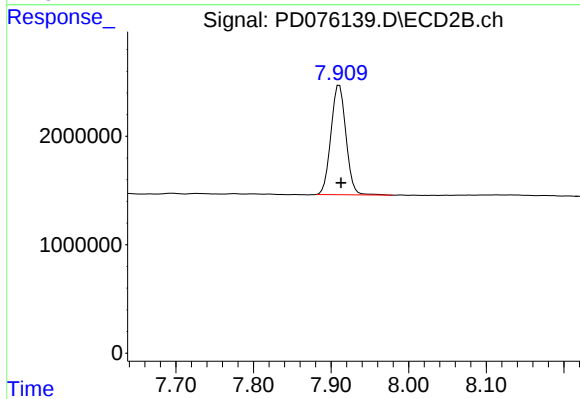
#27 Chlordane-5

R.T.: 5.926 min
Delta R.T.: -0.008 min
Response: 63815655
Conc: 1319.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: -0.004 min
Response: 31238530
Conc: 12.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: -0.002 min
Response: 13590476
Conc: 13.90 ng/ml