

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071218\
 Data File : PD048371.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Jul 2018 15:18
 Operator : AJ\MA
 Sample : J3765-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 F1H02MSD

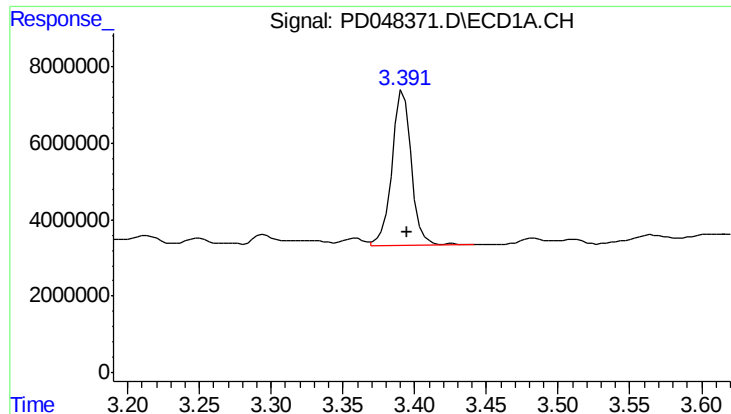
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 13 01:17:09 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_D\Method\PD062818CLP.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 29 16:27:50 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 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...	3.392	4.005	37903449	387.0E6	31.367	19.007 #
27)	SA Decachlor...	8.082	9.066	393.1E6	3436.1E6	294.074	193.907 #
Target Compounds							
2)	A alpha-BHC	3.811	4.399	10863923	-4125090	5.710	N.D. #
3)	MA gamma-BHC...	4.104	4.671	140.0E6	1103.1E6	74.686	38.027 #
4)	MA Heptachlor	4.392	5.185	121.8E6	1203.0E6	68.842	41.581 #
5)	MB Aldrin	4.634	5.490	116.6E6	1418.5E6	67.743	50.957
6)	B beta-BHC	4.317f	4.792f	8797340	58287782	11.765	4.532 #
7)	B delta-BHC	4.528	0.000	18064504	0	9.747	N.D. #
8)	B Heptachlo...	5.032f	5.869	9936389	197.2E6	6.197	7.684
9)	A Endosulfan I	5.432	6.208	375.4E6	229.3E6	247.619	9.748 #
11)	B cis-Chlor...	5.371	6.208	9289029	229.3E6	5.871	9.080 #
12)	B 4,4'-DDE	5.526	0.000	42340152	0	25.380	N.D. #
13)	MA Dieldrin	5.645	6.484	248.3E6	2387.7E6	143.581	98.947 #
14)	MA Endrin	5.899	6.698	240.9E6	1872.6E6	160.024	94.818 #
15)	B Endosulfa...	6.176	6.922	104.9E6	158.7E6	68.873	7.679 #
16)	A 4,4'-DDD	6.032	6.804	45563413	825.4E6	32.921	43.979 #
17)	MA 4,4'-DDT	6.265	7.113	244.9E6	1918.6E6	169.198	100.069 #
18)	B Endrin al...	6.353	7.015	28985944	329.6E6	23.581	18.758
19)	B Endosulfa...	6.572	7.209f	181.7E6	1039.0E6	130.754	51.594 #
20)	A Methoxychlor	6.847	0.000	425.2E6	0	562.003	N.D. #
21)	B Endrin ke...	7.049	7.676f	45304899	-38939167	26.398	N.D. #
22)	Toxaphene-1	5.627	0.000	244.7E6	0	25067.210	N.D. #
23)	Toxaphene-2	6.234	6.698	34296087	1872.6E6	1306.386	13815.904 #
24)	Toxaphene-3	6.444	7.160	54703748	546.1E6	1920.994	1068.224 #
25)	Toxaphene-4	6.779	7.209	29058103	1039.0E6	1228.898	3421.144 #
26)	Toxaphene-5	6.919	7.676	62361822	-38939167	1906.819	N.D. #

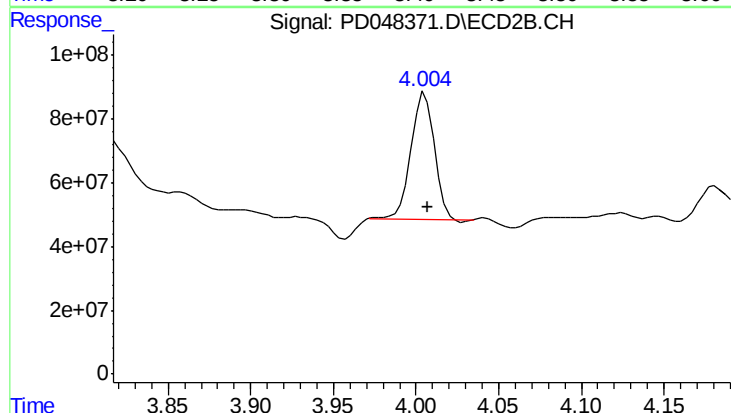
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

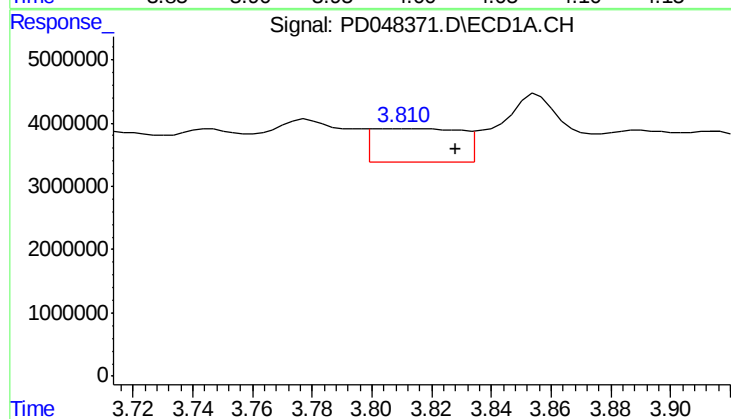
R.T.: 3.392 min
Delta R.T.: -0.003 min
Response: 37903449
Conc: 31.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
F1H02MSD



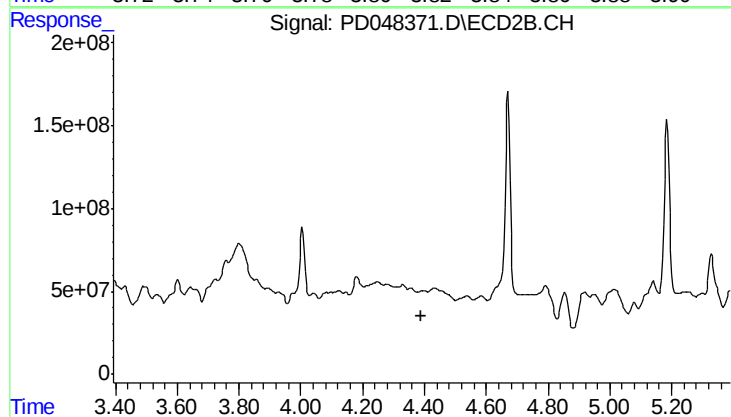
#1 Tetrachloro-m-xylene

R.T.: 4.005 min
Delta R.T.: -0.002 min
Response: 386980385
Conc: 19.01 ng/ml



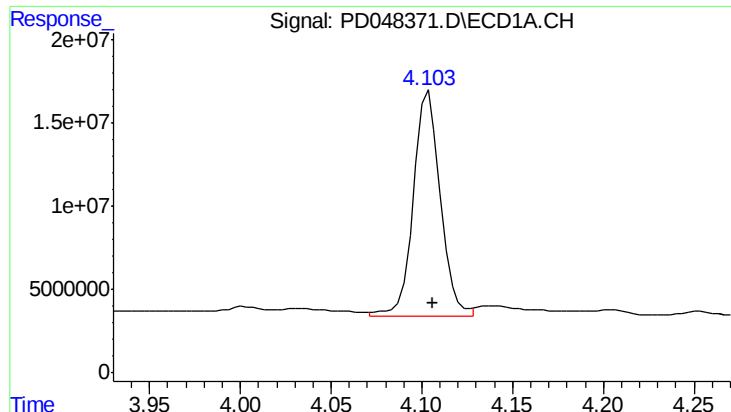
#2 alpha-BHC

R.T.: 3.811 min
Delta R.T.: -0.017 min
Response: 10863923
Conc: 5.71 ng/ml



#2 alpha-BHC

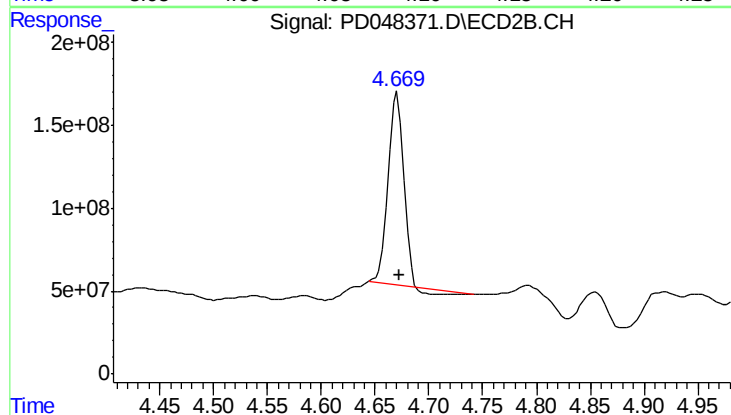
R.T.: 4.399 min
Delta R.T.: 0.008 min
Response: -4125090
Conc: N.D.



#3 gamma-BHC (Lindane)

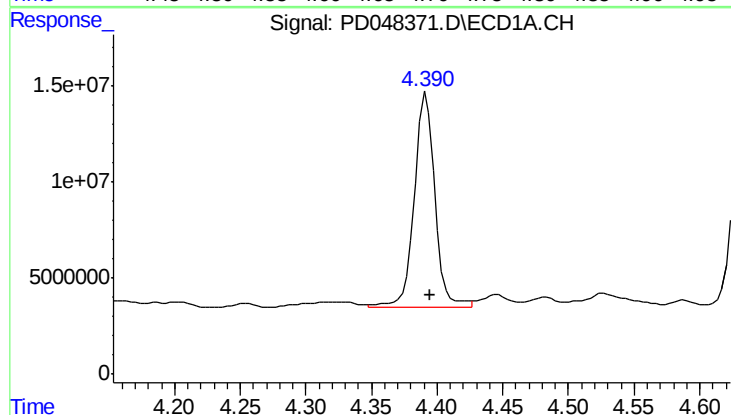
R.T.: 4.104 min
Delta R.T.: -0.002 min
Response: 140048774
Conc: 74.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
F1H02MSD



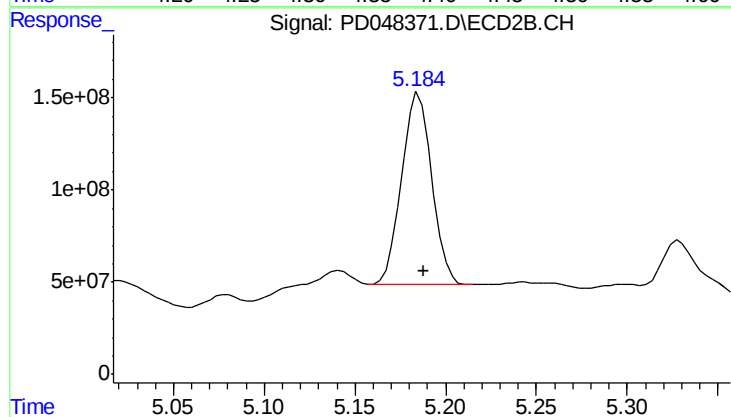
#3 gamma-BHC (Lindane)

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 1103091209
Conc: 38.03 ng/ml



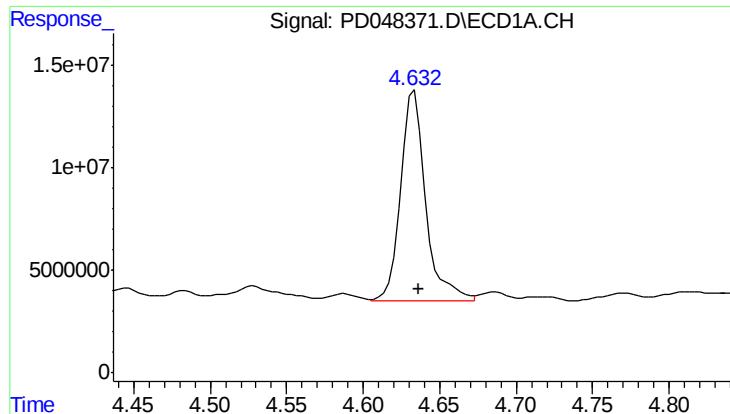
#4 Heptachlor

R.T.: 4.392 min
Delta R.T.: -0.003 min
Response: 121797176
Conc: 68.84 ng/ml



#4 Heptachlor

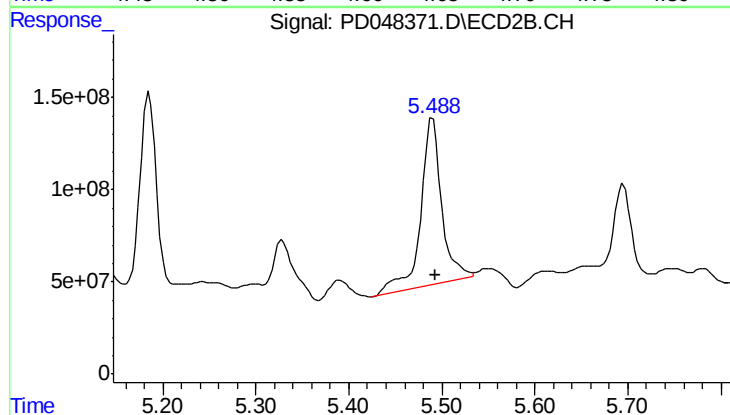
R.T.: 5.185 min
Delta R.T.: -0.003 min
Response: 1202967435
Conc: 41.58 ng/ml



#5 Aldrin

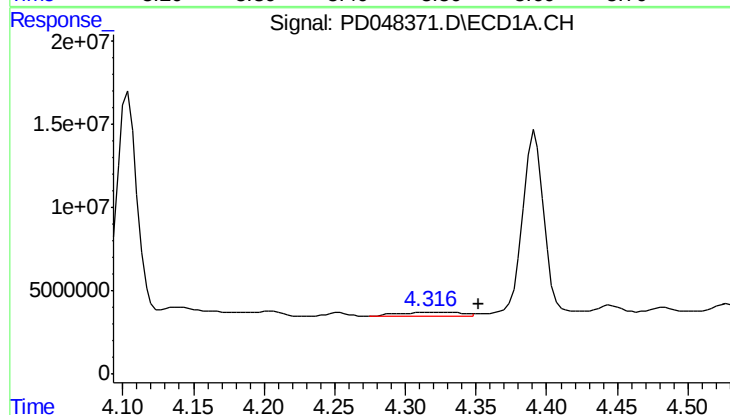
R.T.: 4.634 min
Delta R.T.: -0.003 min
Response: 116579161
Conc: 67.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
F1H02MSD



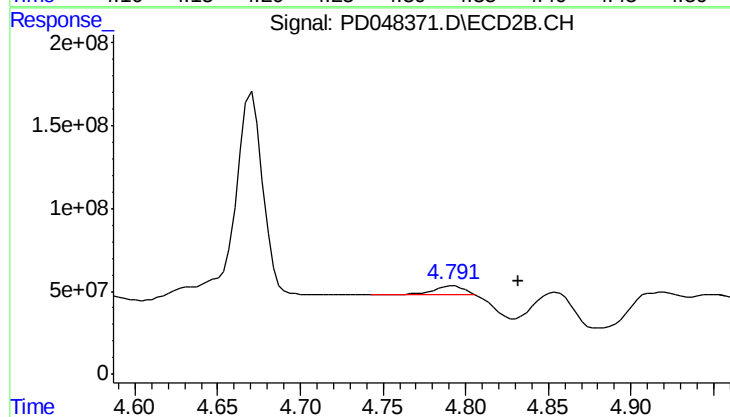
#5 Aldrin

R.T.: 5.490 min
Delta R.T.: -0.003 min
Response: 1418462016
Conc: 50.96 ng/ml



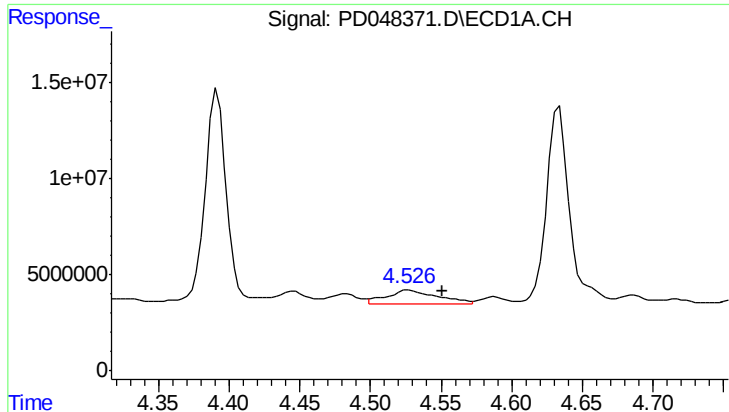
#6 beta-BHC

R.T.: 4.317 min
Delta R.T.: -0.035 min
Response: 8797340
Conc: 11.77 ng/ml



#6 beta-BHC

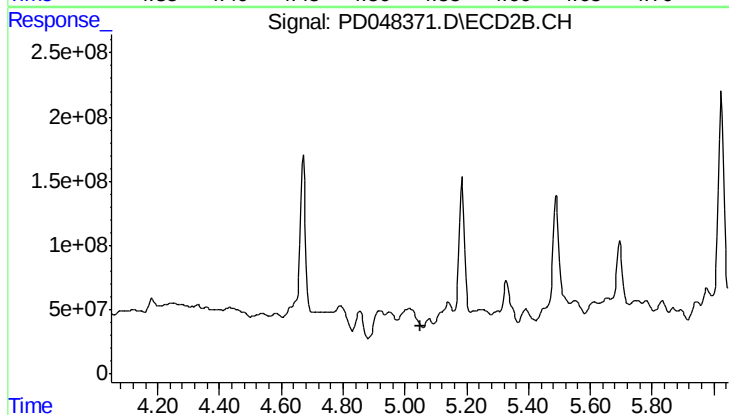
R.T.: 4.792 min
Delta R.T.: -0.040 min
Response: 58287782
Conc: 4.53 ng/ml



#7 delta-BHC

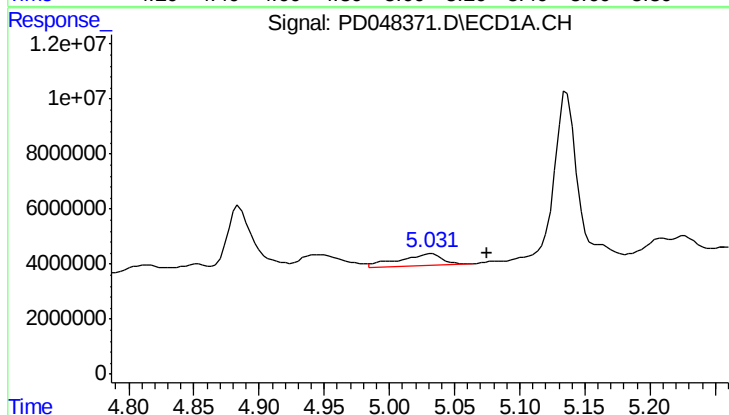
R.T.: 4.528 min
Delta R.T.: -0.024 min
Response: 18064504
Conc: 9.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
F1H02MSD



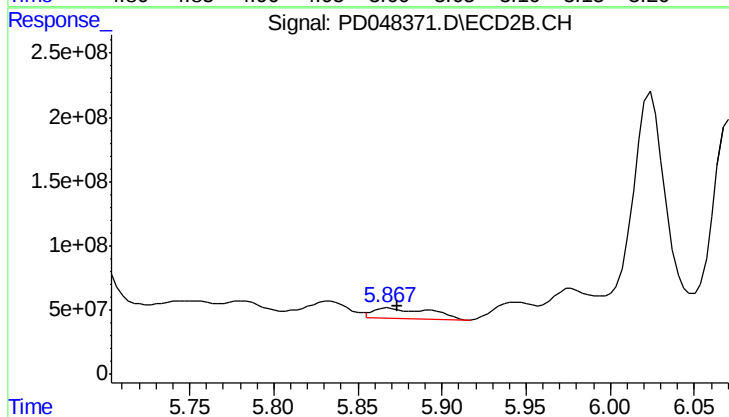
#7 delta-BHC

R.T.: 0.000 min
Exp R.T.: 5.050 min
Response: 0
Conc: N.D.



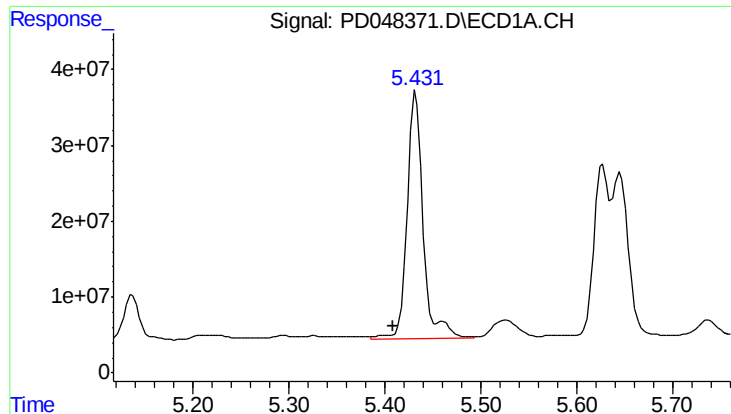
#8 Heptachlor epoxide

R.T.: 5.032 min
Delta R.T.: -0.043 min
Response: 9936389
Conc: 6.20 ng/ml



#8 Heptachlor epoxide

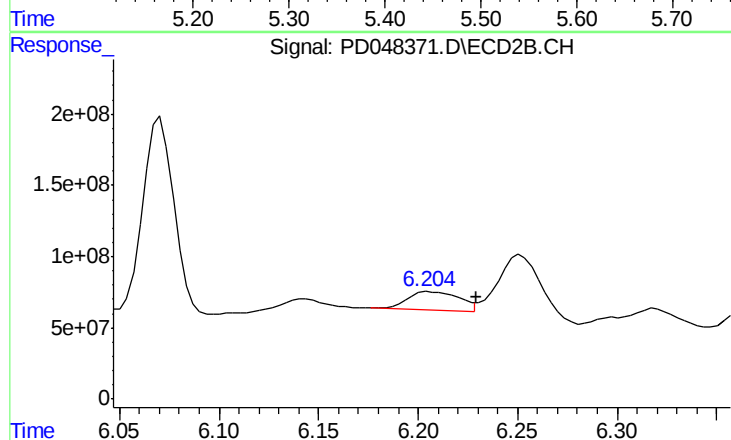
R.T.: 5.869 min
Delta R.T.: -0.005 min
Response: 197241002
Conc: 7.68 ng/ml



#9 Endosulfan I

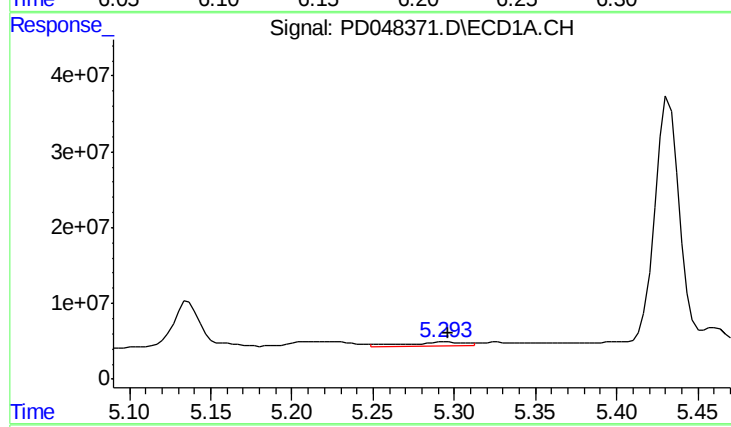
R.T.: 5.432 min
Delta R.T.: 0.024 min
Response: 375441491
Conc: 247.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
F1H02MSD



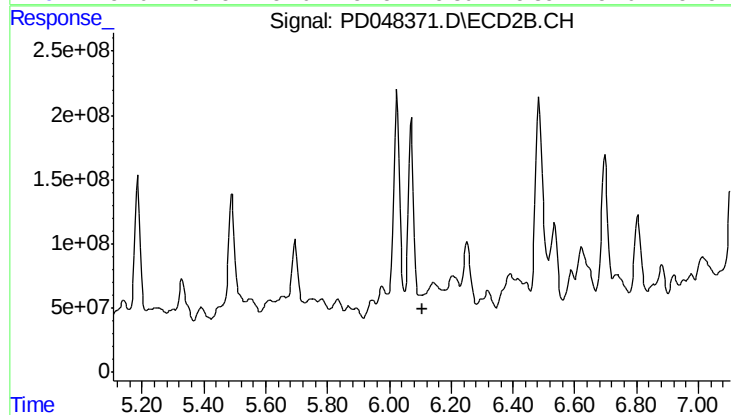
#9 Endosulfan I

R.T.: 6.208 min
Delta R.T.: -0.022 min
Response: 229326297
Conc: 9.75 ng/ml



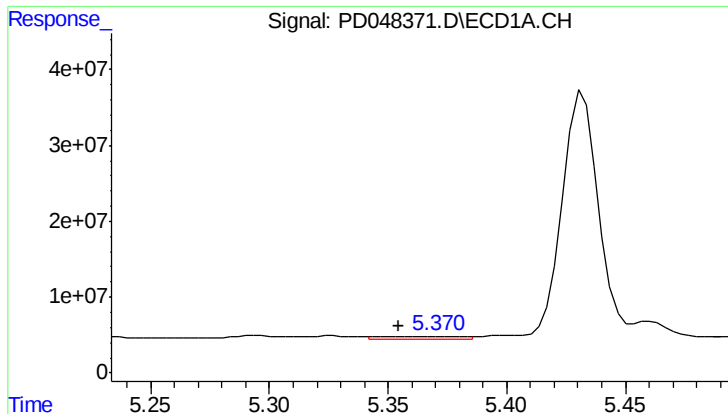
#10 trans-Chlordane

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 15074432
Conc: 9.30 ng/ml



#10 trans-Chlordane

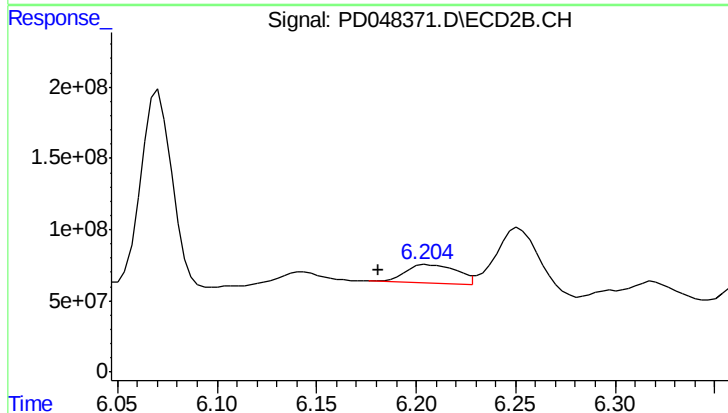
R.T.: 6.143 min
Delta R.T.: 0.036 min
Response: -2769700925
Conc: N.D.



#11 cis-Chlordane

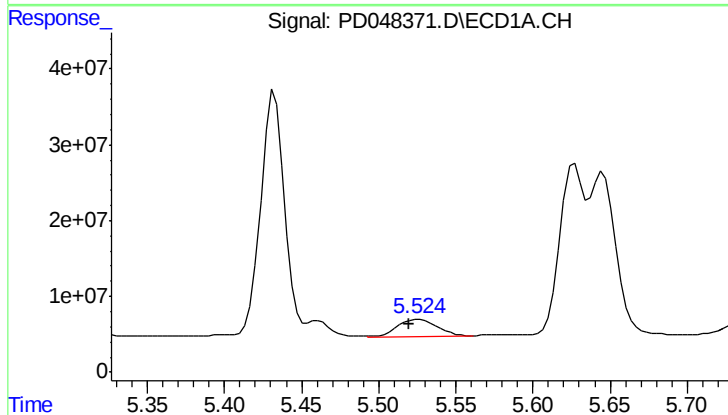
R.T.: 5.371 min
Delta R.T.: 0.017 min
Response: 9289029
Conc: 5.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
F1H02MSD



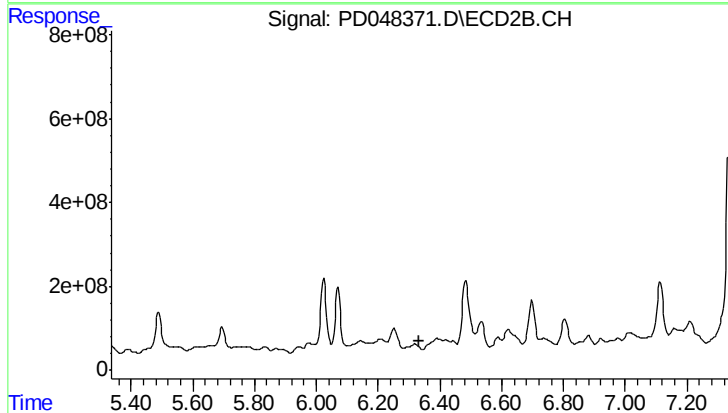
#11 cis-Chlordane

R.T.: 6.208 min
Delta R.T.: 0.027 min
Response: 229326297
Conc: 9.08 ng/ml



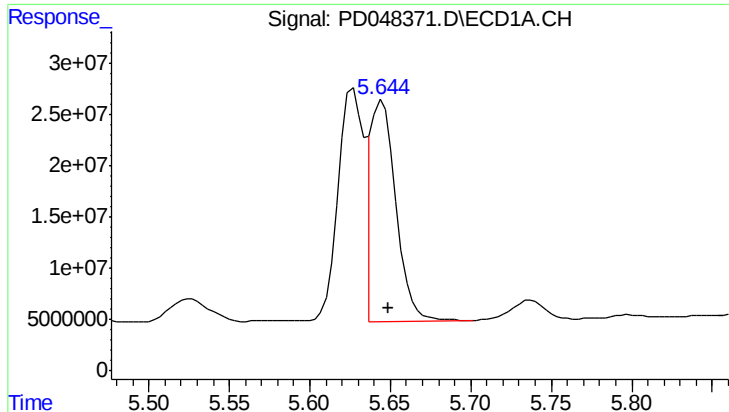
#12 4,4'-DDE

R.T.: 5.526 min
Delta R.T.: 0.006 min
Response: 42340152
Conc: 25.38 ng/ml



#12 4,4'-DDE

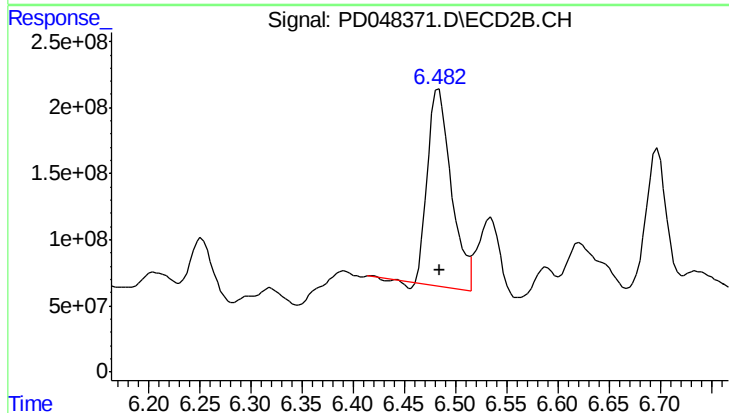
R.T.: 0.000 min
Exp R.T.: 6.334 min
Response: 0
Conc: N.D.



#13 Dielddrin

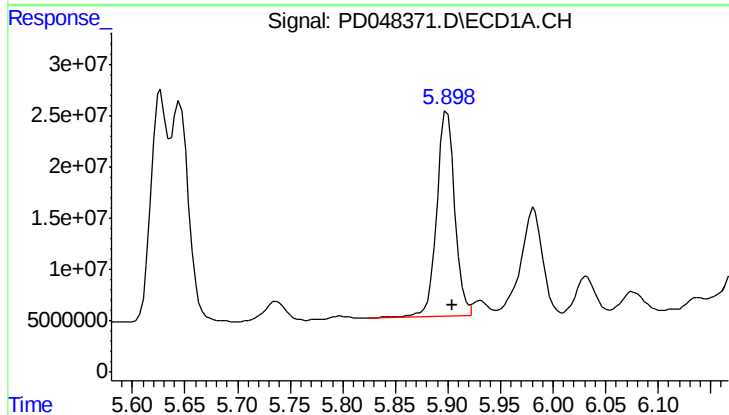
R.T.: 5.645 min
Delta R.T.: -0.004 min
Response: 248282154
Conc: 143.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
F1H02MSD



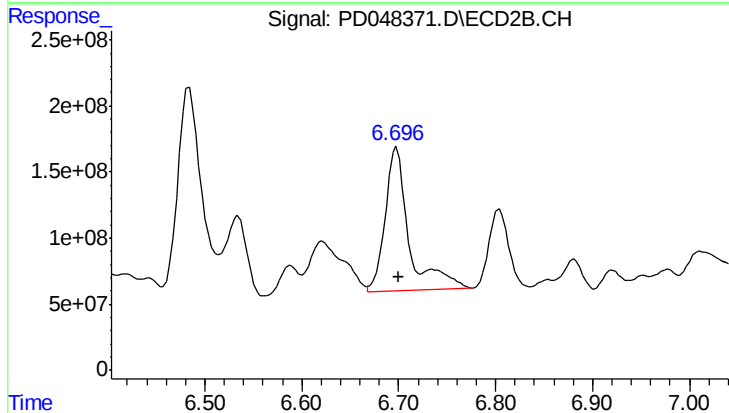
#13 Dielddrin

R.T.: 6.484 min
Delta R.T.: 0.000 min
Response: 2387747231
Conc: 98.95 ng/ml



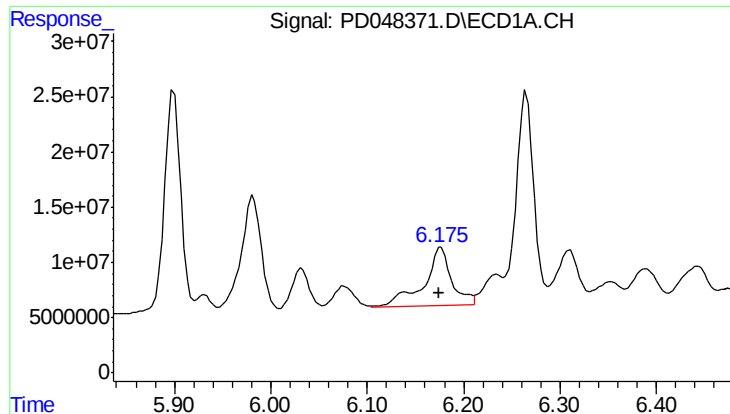
#14 Endrin

R.T.: 5.899 min
Delta R.T.: -0.005 min
Response: 240938991
Conc: 160.02 ng/ml



#14 Endrin

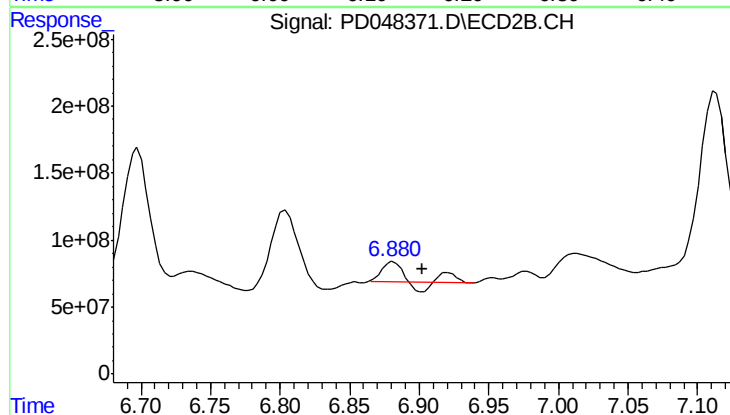
R.T.: 6.698 min
Delta R.T.: -0.002 min
Response: 1872601373
Conc: 94.82 ng/ml



#15 Endosulfan II

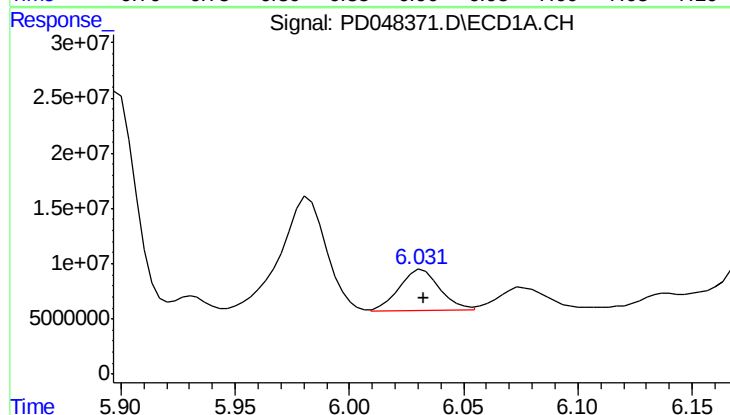
R.T.: 6.176 min
Delta R.T.: 0.002 min
Response: 104949667
Conc: 68.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
F1H02MSD



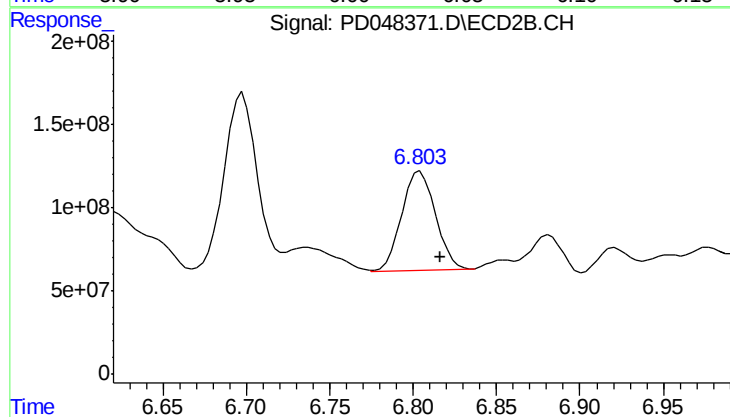
#15 Endosulfan II

R.T.: 6.922 min
Delta R.T.: 0.020 min
Response: 158741015
Conc: 7.68 ng/ml



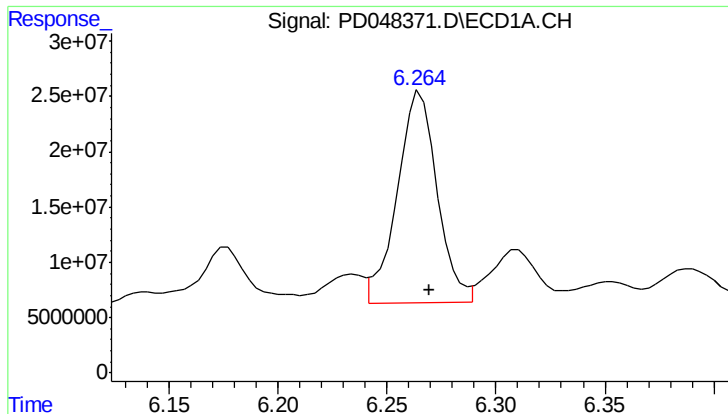
#16 4,4'-DDD

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 45563413
Conc: 32.92 ng/ml



#16 4,4'-DDD

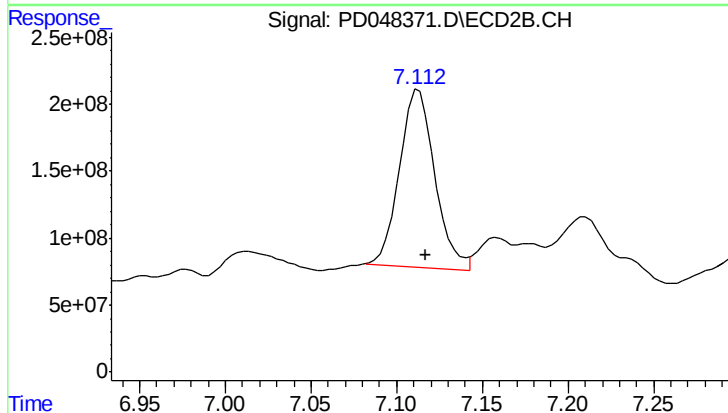
R.T.: 6.804 min
Delta R.T.: -0.012 min
Response: 825442397
Conc: 43.98 ng/ml



#17 4,4'-DDT

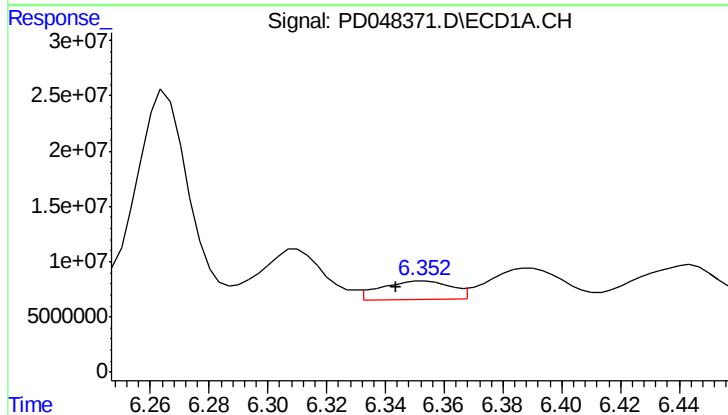
R.T.: 6.265 min
Delta R.T.: -0.004 min
Response: 244940726
Conc: 169.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
F1H02MSD



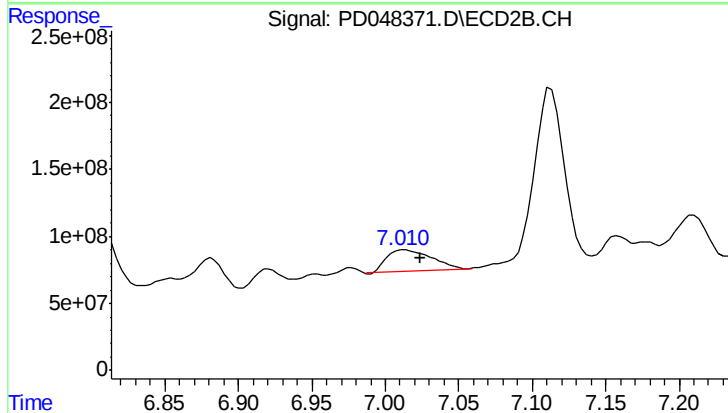
#17 4,4'-DDT

R.T.: 7.113 min
Delta R.T.: -0.004 min
Response: 1918595338
Conc: 100.07 ng/ml



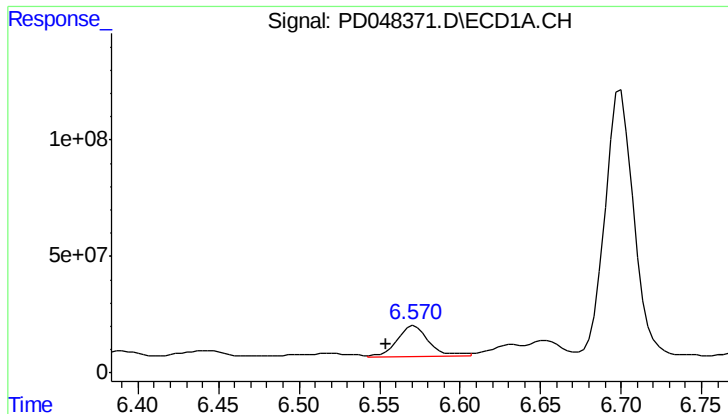
#18 Endrin aldehyde

R.T.: 6.353 min
Delta R.T.: 0.010 min
Response: 28985944
Conc: 23.58 ng/ml



#18 Endrin aldehyde

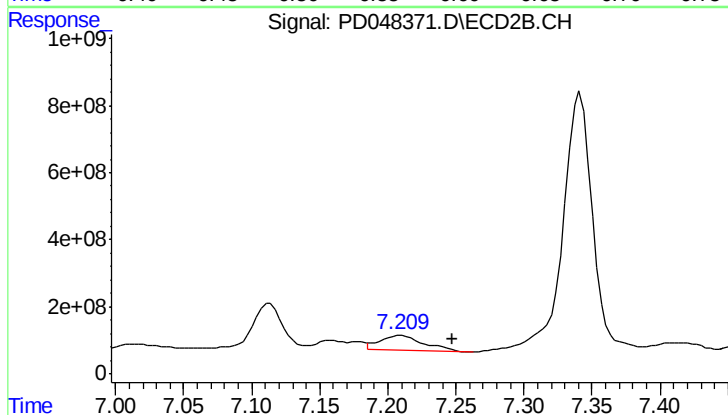
R.T.: 7.015 min
Delta R.T.: -0.010 min
Response: 329636659
Conc: 18.76 ng/ml



#19 Endosulfan Sulfate

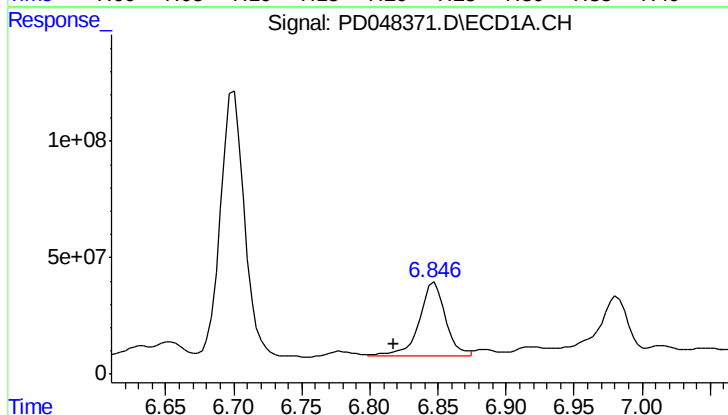
R.T.: 6.572 min
Delta R.T.: 0.018 min
Response: 181676015
Conc: 130.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
F1H02MSD



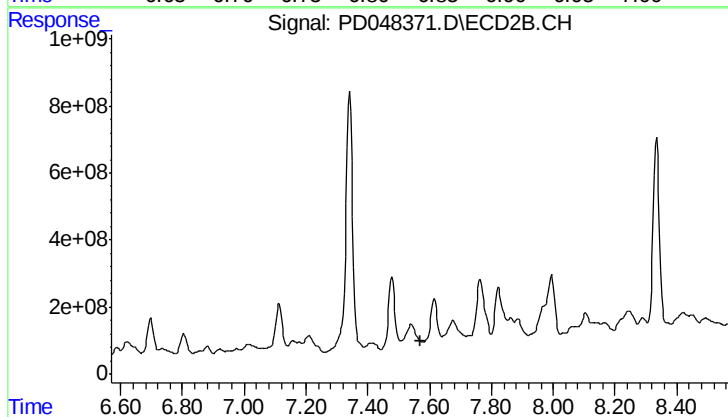
#19 Endosulfan Sulfate

R.T.: 7.209 min
Delta R.T.: -0.038 min
Response: 1039009024
Conc: 51.59 ng/ml



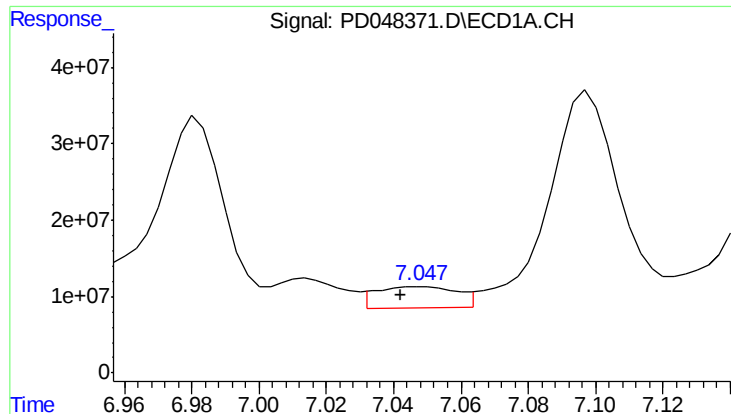
#20 Methoxychlor

R.T.: 6.847 min
Delta R.T.: 0.030 min
Response: 425249782
Conc: 562.00 ng/ml



#20 Methoxychlor

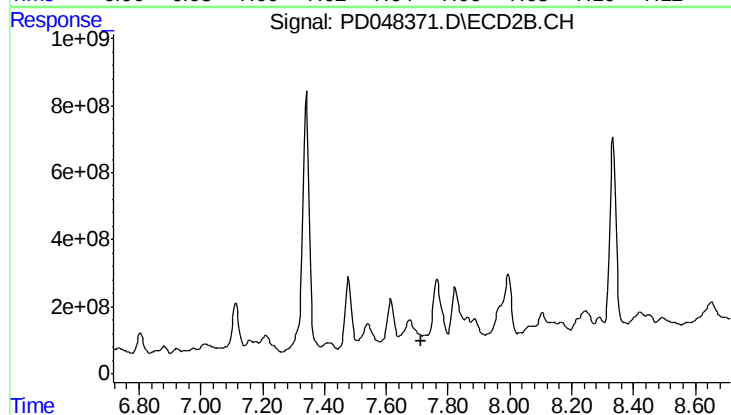
R.T.: 0.000 min
Exp R.T.: 7.569 min
Response: 0
Conc: N.D.



#21 Endrin ketone

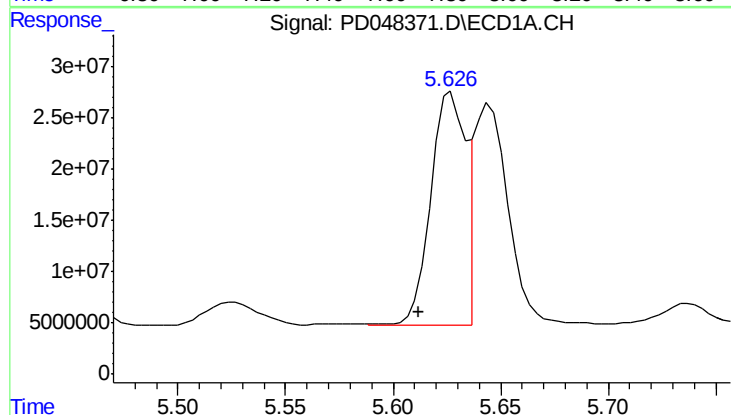
R.T.: 7.049 min
Delta R.T.: 0.006 min
Response: 45304899
Conc: 26.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
F1H02MSD



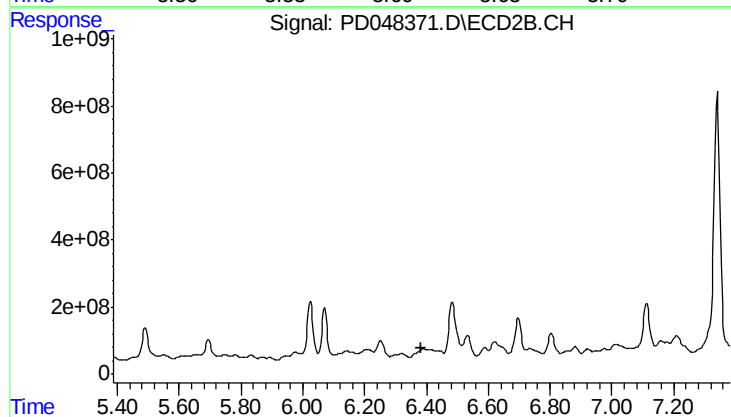
#21 Endrin ketone

R.T.: 7.676 min
Delta R.T.: -0.038 min
Response: -38939167
Conc: N.D.



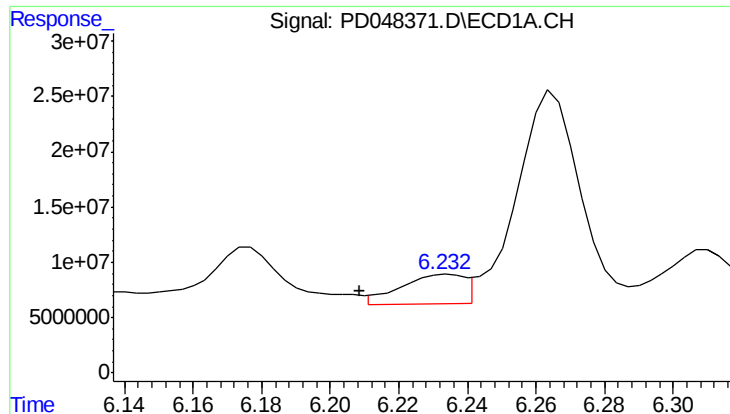
#22 Toxaphene-1

R.T.: 5.627 min
Delta R.T.: 0.016 min
Response: 244655994
Conc: 25067.21 ng/ml



#22 Toxaphene-1

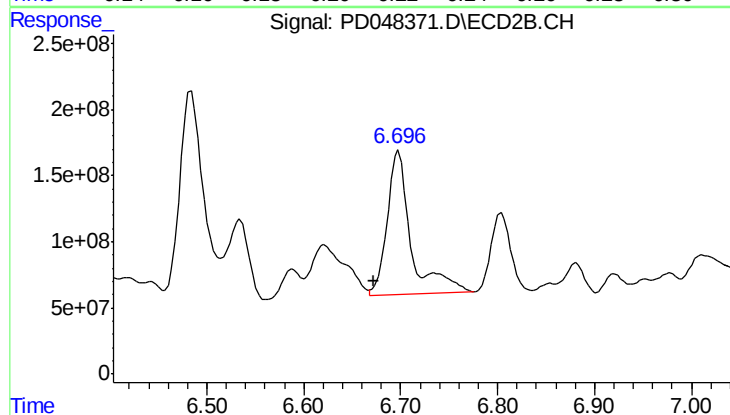
R.T.: 0.000 min
Exp R.T.: 6.385 min
Response: 0
Conc: N.D.



#23 Toxaphene-2

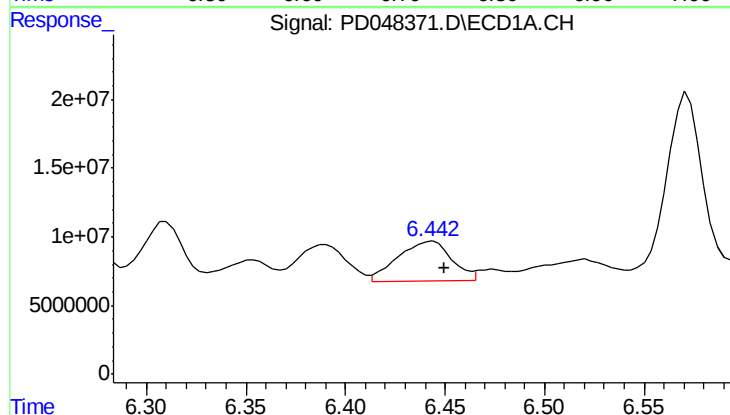
R.T.: 6.234 min
Delta R.T.: 0.026 min
Response: 34296087
Conc: 1306.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
F1H02MSD



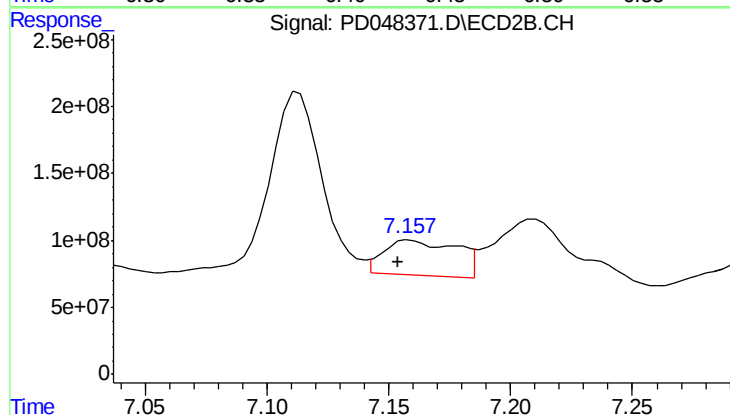
#23 Toxaphene-2

R.T.: 6.698 min
Delta R.T.: 0.025 min
Response: 1872601373
Conc: 13815.90 ng/ml



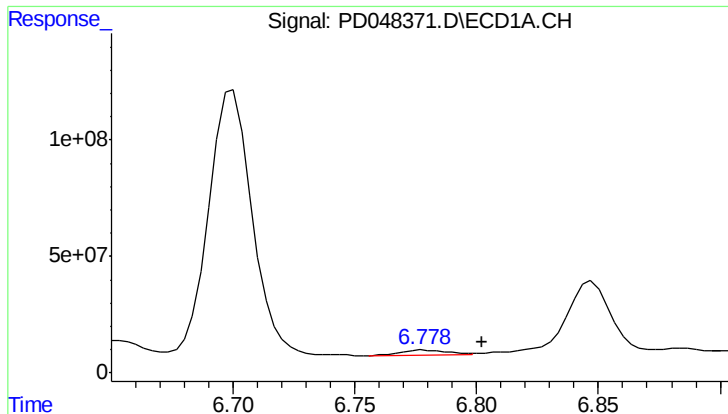
#24 Toxaphene-3

R.T.: 6.444 min
Delta R.T.: -0.006 min
Response: 54703748
Conc: 1920.99 ng/ml



#24 Toxaphene-3

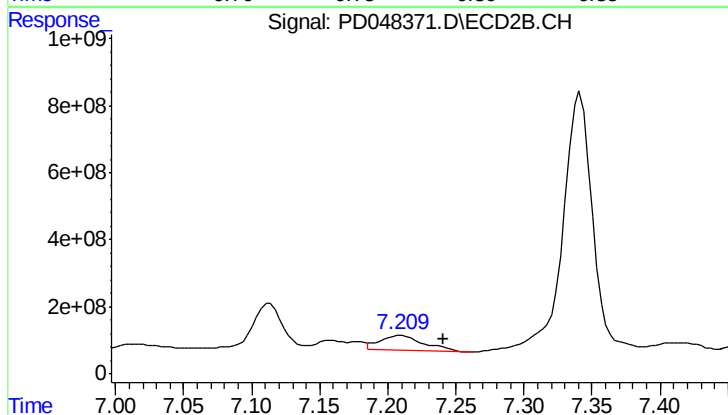
R.T.: 7.160 min
Delta R.T.: 0.007 min
Response: 546097055
Conc: 1068.22 ng/ml



#25 Toxaphene-4

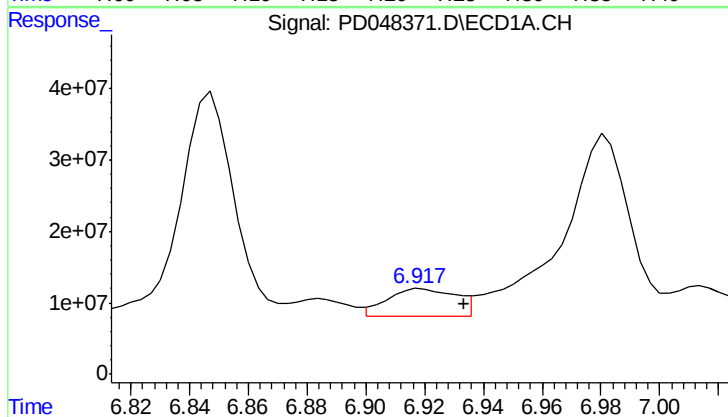
R.T.: 6.779 min
Delta R.T.: -0.023 min
Response: 29058103
Conc: 1228.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
F1H02MSD



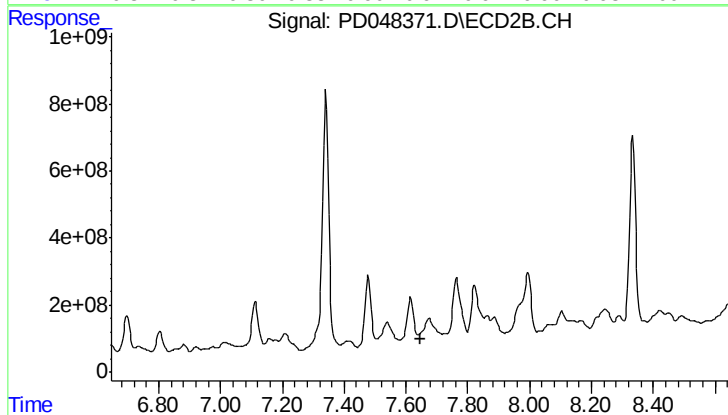
#25 Toxaphene-4

R.T.: 7.209 min
Delta R.T.: -0.031 min
Response: 1039009024
Conc: 3421.14 ng/ml



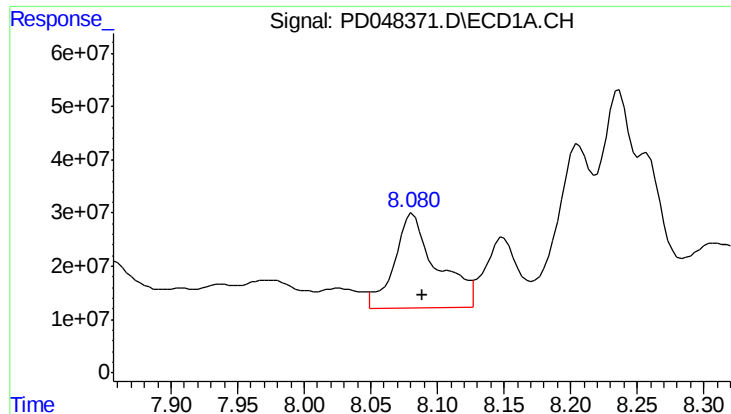
#26 Toxaphene-5

R.T.: 6.919 min
Delta R.T.: -0.014 min
Response: 62361822
Conc: 1906.82 ng/ml



#26 Toxaphene-5

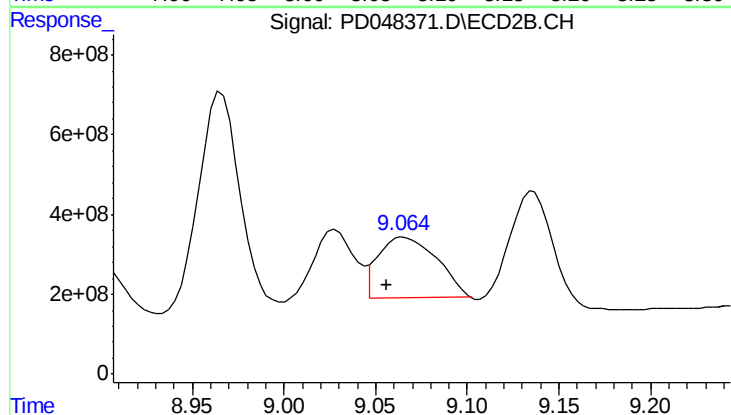
R.T.: 7.676 min
Delta R.T.: 0.029 min
Response: -38939167
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: -0.007 min
Response: 393123888
Conc: 294.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
F1H02MSD



#27 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.010 min
Response: 3436058168
Conc: 193.91 ng/ml