Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110723\
Data File : PD079454.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2023 12:28
Operator : AR\AJ
Sample : O4922-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 05:04:39 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110623CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 04 07:14:58 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...	3.578	2.820	5526983	22740967	3.785	9.942	#
27) SA	Decachlor...	9.117	7.963	8386110	87721132	4.726	36.742	#
	Target Compounds							
2) A	alpha-BHC	4.056f	3.298	6142083	9729406	2.479	2.683	
3) MA	gamma-BHC...	4.372	3.632	40965937	14370792	17.339	4.183	#
4) MA	Heptachlor	4.946	3.964	1422128	47595232	0.568	14.266	#
5) MB	Aldrin	5.300	4.249	194.0E6	16883373	82.714	5.189	#
6) B	beta-BHC	4.526	3.964f	7433190	47595232	6.846	29.063	#
7) B	delta-BHC	4.825	4.148	25364309	1435652	10.179	0.402	#
8) B	Heptachlo...	5.727	4.770	33507161	294.7E6	15.114	95.293	#
9) A	Endosulfan I	6.102	5.120	184.8E6	2905424	89.384	1.048	#
10) B	trans-Chl...	6.017f	5.006	18290952	477.4E6	8.597	160.825	#
11) B	cis-Chlor...	6.060	5.074	65035742	35221148	29.861	11.603	#
12) B	4,4'-DDE	6.233	5.268	305.5E6	12421249	154.721	4.436	#
13) MA	Dieldrin	6.367	5.409	288.3E6	192.9E6	131.037	60.588	#
14) MA	Endrin	6.586	5.634f	16079202	71537832	8.813	26.120	#
15) B	Endosulfa...	6.817	5.978	651.1E6	262.2E6	342.233	100.946	#
16) A	4,4'-DDD	6.739	5.819	478.6E6	11689418	295.432	4.965	#
17) MA	4,4'-DDT	7.033	6.073	105.4E6	239.7E6	61.845	99.791	#
18) B	Endrin al...	6.954	6.191f	143.7E6	612.5E6	96.423	302.680	#
19) B	Endosulfa...	7.197	6.350	41262649	59532727	22.160	23.959	
20) A	Methoxychlor	7.521	6.635	2749.1E6	550.4E6	2982.168	428.170	#
21) B	Endrin ke...	7.664	6.881	266.0E6	150.5E6	136.152	52.953	#
22)	Toxaphene-1	5.887	5.051	50973658	18065456	7433.445	1080.411	#
23)	Toxaphene-2	6.492	5.362	305.3E6	32265923	15724.148	1920.077	#
24)	Toxaphene-3	7.094	6.635	30625040	550.4E6	545.336	9557.397	#
25)	Toxaphene-4	7.197	6.768	41262649	1893.7E6	984.285	24058.470	#
26)	Toxaphene-5	7.623	7.113f	522.2E6	216.5E6	16590.680	6483.232	#

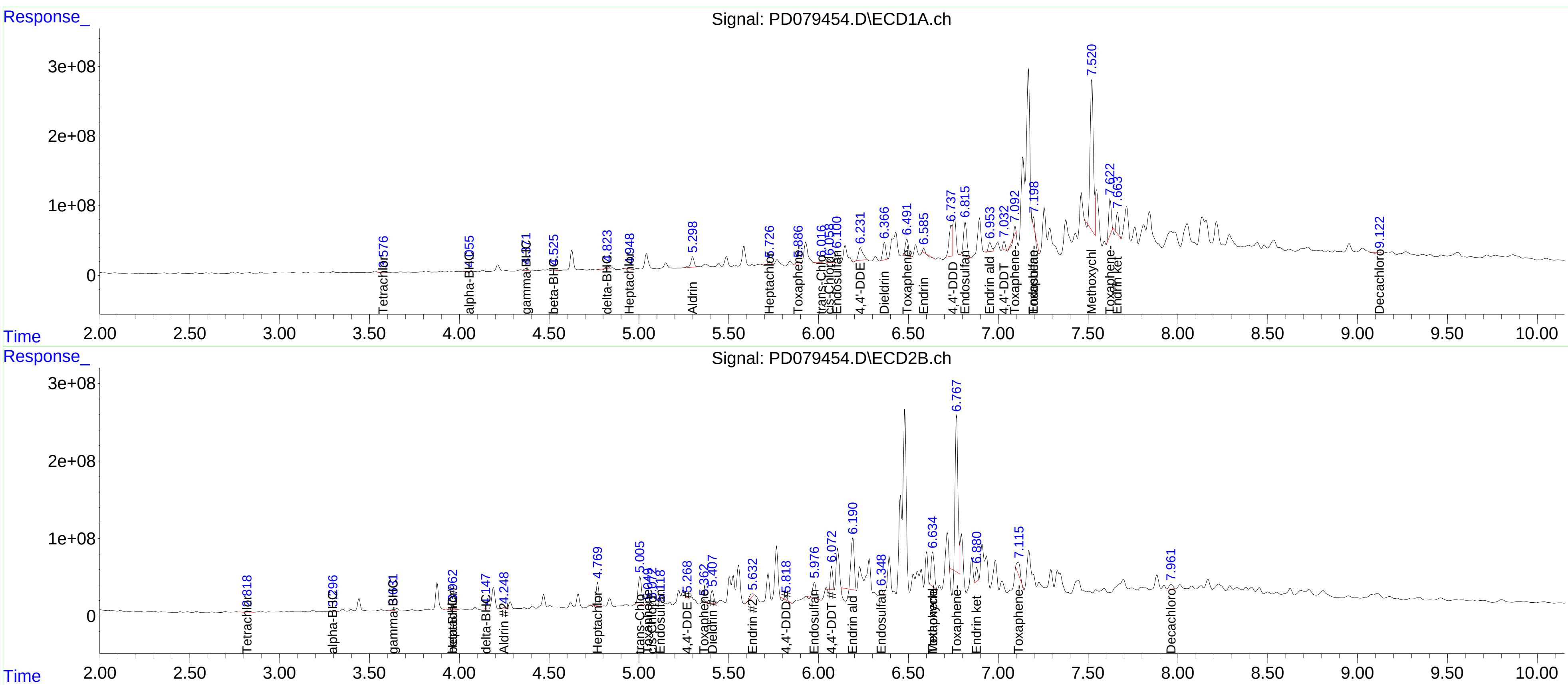
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

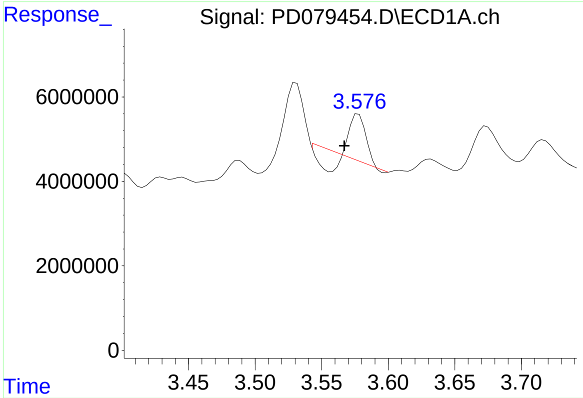
Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110723\
Data File : PD079454.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2023 12:28
Operator : AR\AJ
Sample : O4922-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 05:04:39 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110623CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 04 07:14:58 2023
Response via : Initial Calibration
Integrator: ChemStation

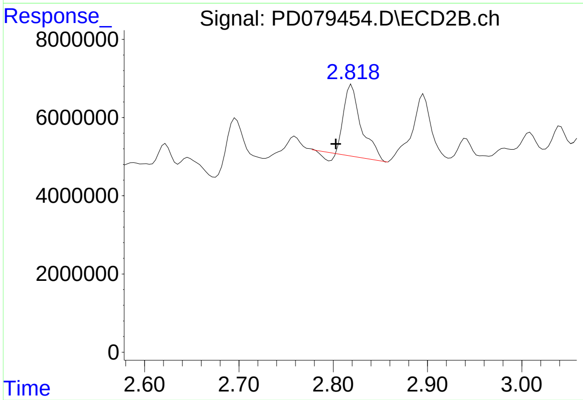
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





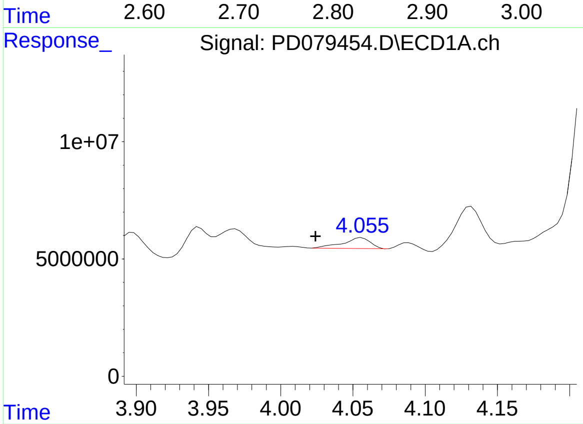
#1 Tetrachloro-m-xylene

R.T.: 3.578 min
Delta R.T.: 0.011 min
Response: 5526983
Conc: 3.78 ng/ml



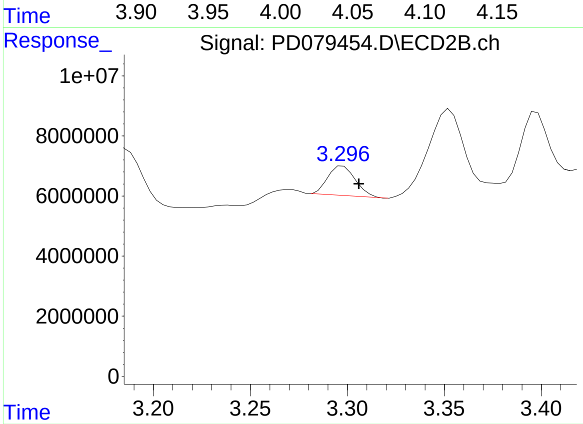
#1 Tetrachloro-m-xylene

R.T.: 2.820 min
Delta R.T.: 0.017 min
Response: 22740967
Conc: 9.94 ng/ml



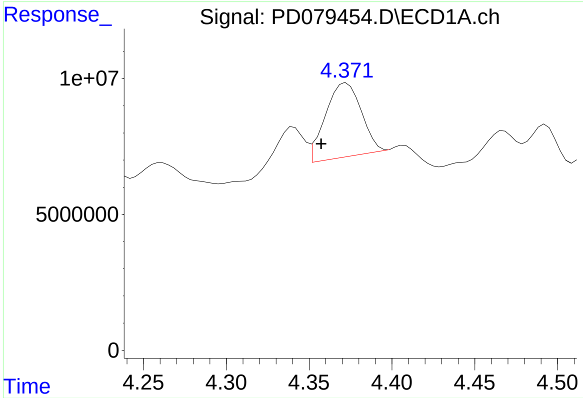
#2 alpha-BHC

R.T.: 4.056 min
Delta R.T.: 0.032 min
Response: 6142083
Conc: 2.48 ng/ml



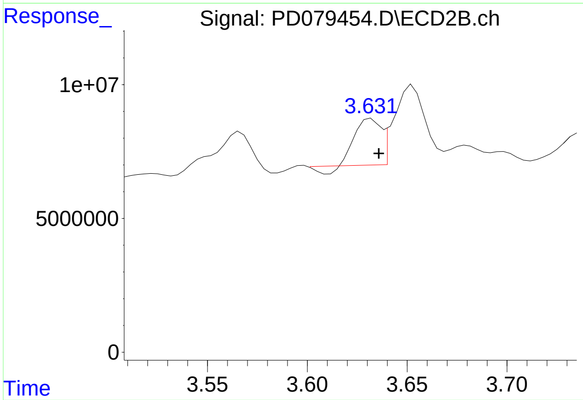
#2 alpha-BHC

R.T.: 3.298 min
Delta R.T.: -0.008 min
Response: 9729406
Conc: 2.68 ng/ml



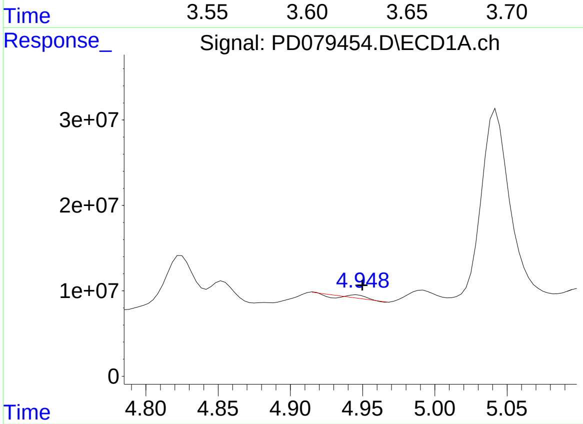

```
#3   gamma-BHC (Lindane)

      R.T.:     4.372 min
Delta R.T.:     0.015 min
  Response:   40965937
      Conc:   17.34 ng/ml
```



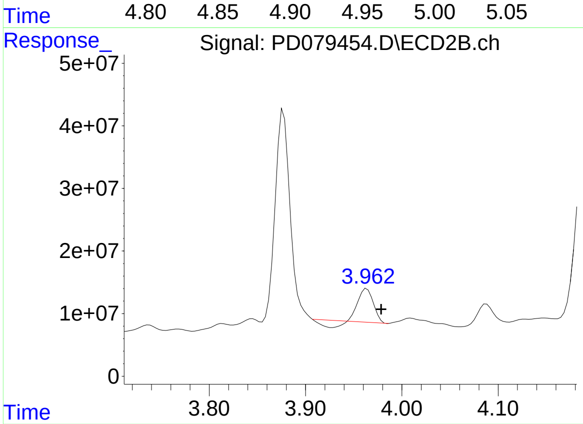

```
#3   gamma-BHC (Lindane)

      R.T.:     3.632 min
Delta R.T.:    -0.004 min
  Response:   14370792
      Conc:    4.18 ng/ml
```



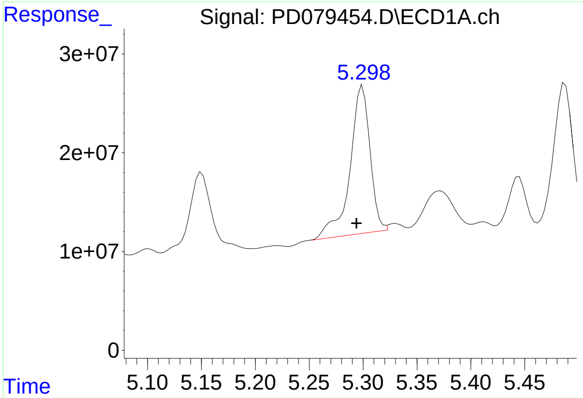

```
#4   Heptachlor

      R.T.:     4.946 min
Delta R.T.:    -0.004 min
  Response:    1422128
      Conc:    0.57 ng/ml
```



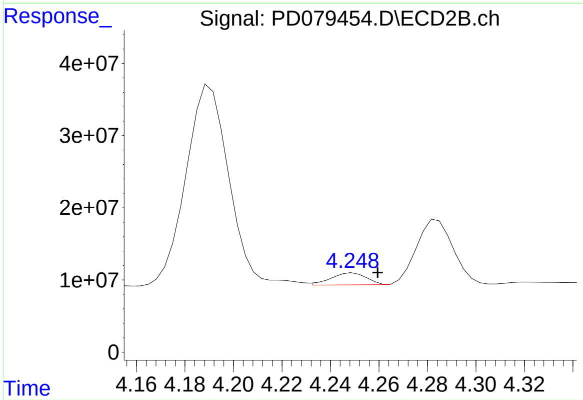

```
#4   Heptachlor

      R.T.:     3.964 min
Delta R.T.:    -0.015 min
  Response:   47595232
      Conc:   14.27 ng/ml
```



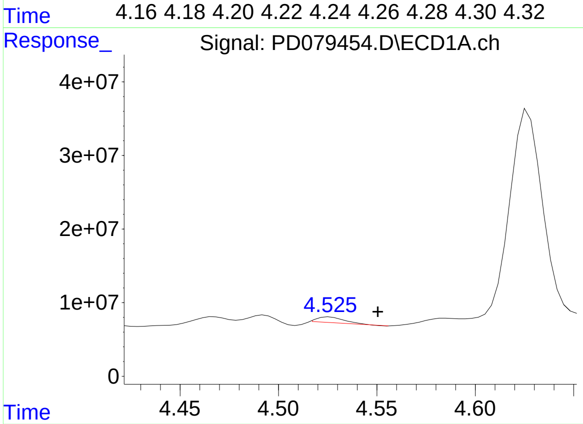
#5 Aldrin

R.T.: 5.300 min
Delta R.T.: 0.006 min
Response: 193964538
Conc: 82.71 ng/ml



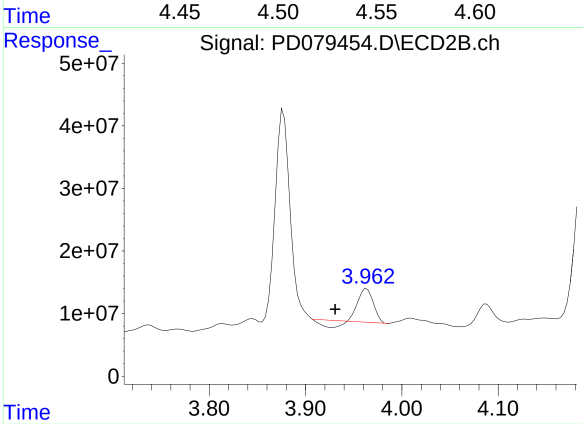
#5 Aldrin

R.T.: 4.249 min
Delta R.T.: -0.010 min
Response: 16883373
Conc: 5.19 ng/ml



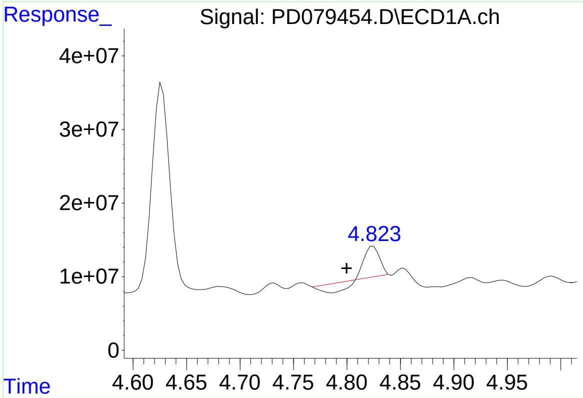
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: -0.024 min
Response: 7433190
Conc: 6.85 ng/ml



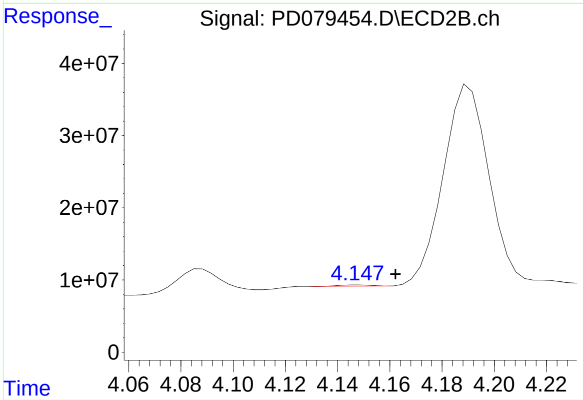
#6 beta-BHC

R.T.: 3.964 min
Delta R.T.: 0.033 min
Response: 47595232
Conc: 29.06 ng/ml



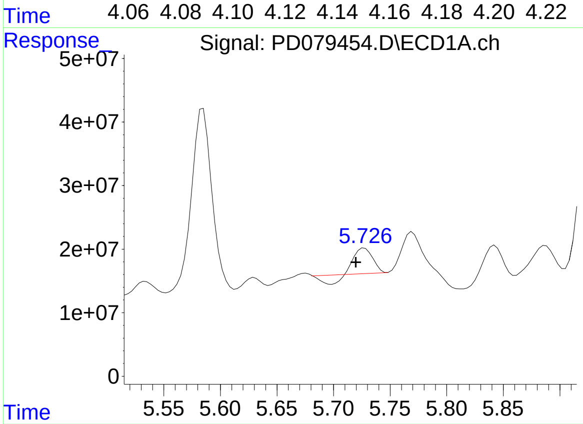
#7 delta-BHC

R.T.: 4.825 min
Delta R.T.: 0.025 min
Response: 25364309
Conc: 10.18 ng/ml



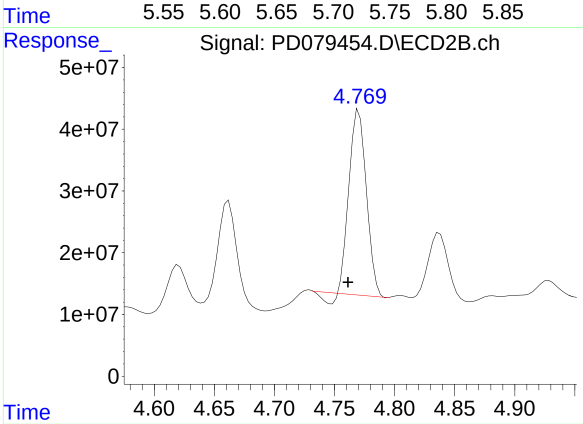
#7 delta-BHC

R.T.: 4.148 min
Delta R.T.: -0.014 min
Response: 1435652
Conc: 0.40 ng/ml



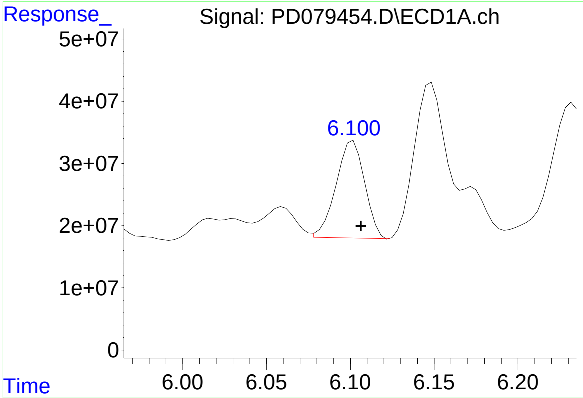
#8 Heptachlor epoxide

R.T.: 5.727 min
Delta R.T.: 0.008 min
Response: 33507161
Conc: 15.11 ng/ml



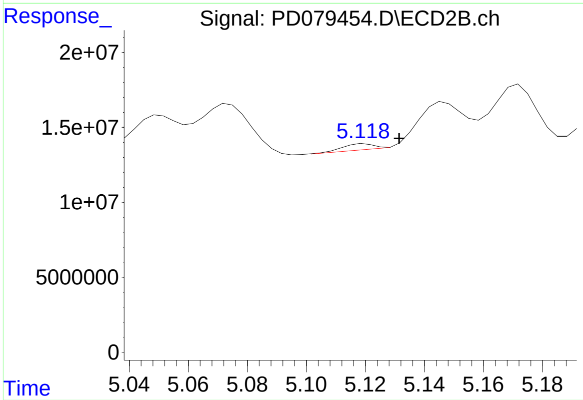
#8 Heptachlor epoxide

R.T.: 4.770 min
Delta R.T.: 0.009 min
Response: 294748134
Conc: 95.29 ng/ml



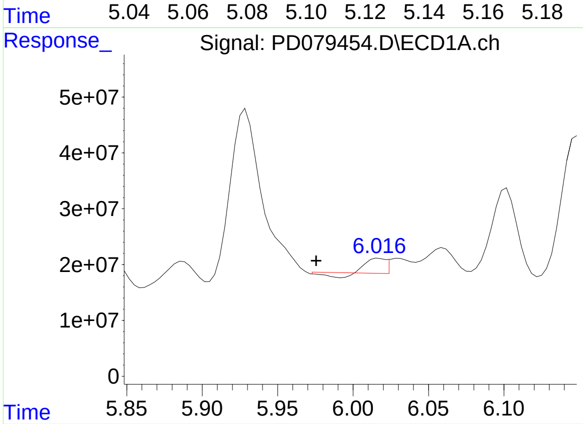
#9 Endosulfan I

R.T.: 6.102 min
Delta R.T.: -0.004 min
Response: 184774282
Conc: 89.38 ng/ml



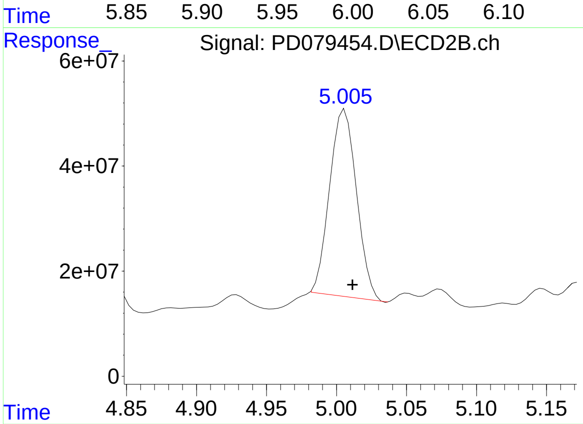
#9 Endosulfan I

R.T.: 5.120 min
Delta R.T.: -0.012 min
Response: 2905424
Conc: 1.05 ng/ml



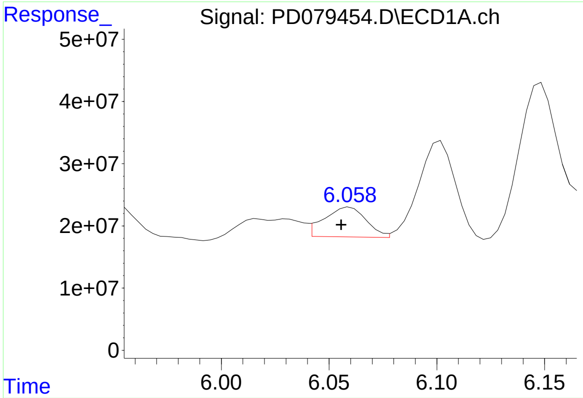
#10 trans-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.042 min
Response: 18290952
Conc: 8.60 ng/ml



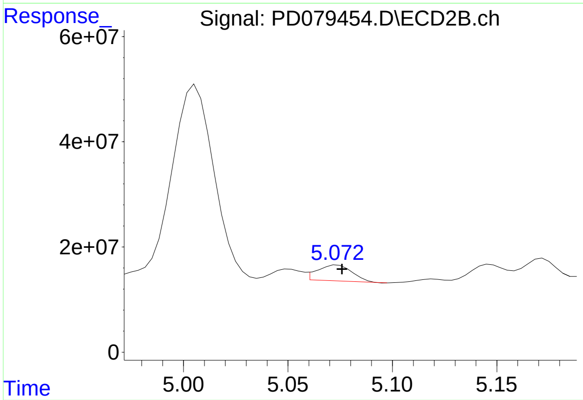
#10 trans-Chlordane

R.T.: 5.006 min
Delta R.T.: -0.005 min
Response: 477441530
Conc: 160.82 ng/ml



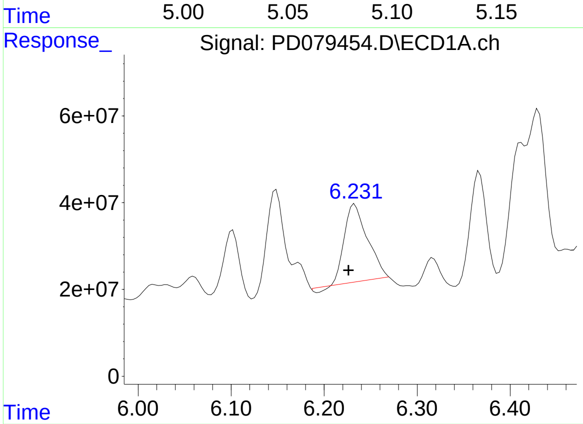
#11 cis-Chlordane

R.T.: 6.060 min
Delta R.T.: 0.004 min
Response: 65035742
Conc: 29.86 ng/ml



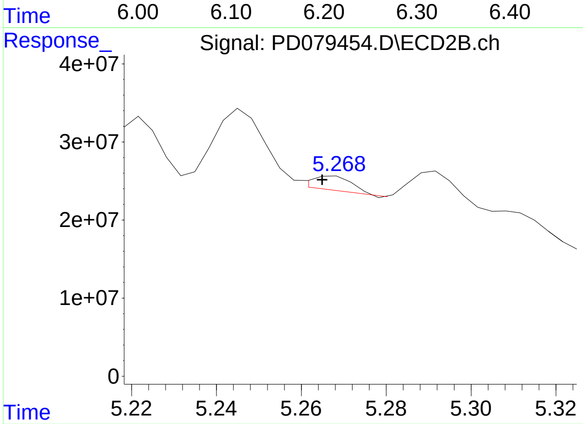
#11 cis-Chlordane

R.T.: 5.074 min
Delta R.T.: -0.002 min
Response: 35221148
Conc: 11.60 ng/ml



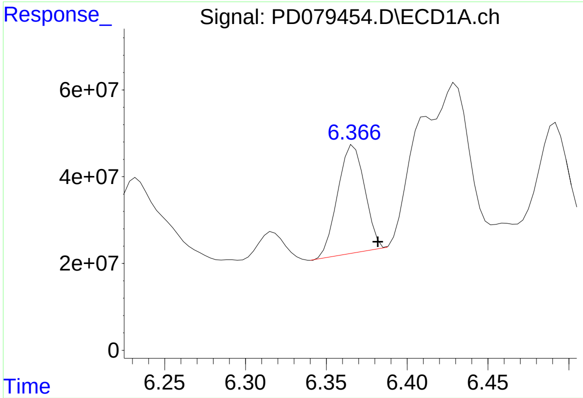
#12 4,4'-DDE

R.T.: 6.233 min
Delta R.T.: 0.007 min
Response: 305454591
Conc: 154.72 ng/ml



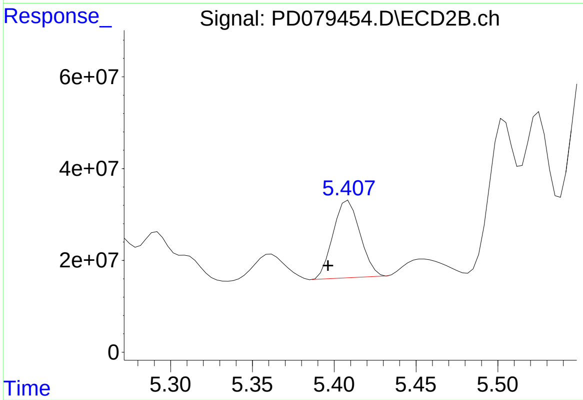
#12 4,4'-DDE

R.T.: 5.268 min
Delta R.T.: 0.003 min
Response: 12421249
Conc: 4.44 ng/ml



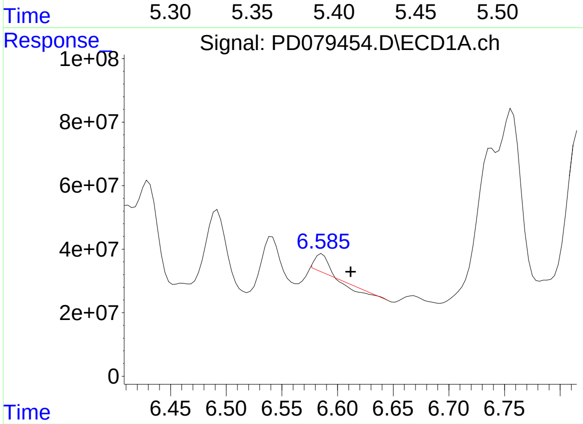
#13 Dieldrin

R.T.: 6.367 min
Delta R.T.: -0.015 min
Response: 288260146
Conc: 131.04 ng/ml



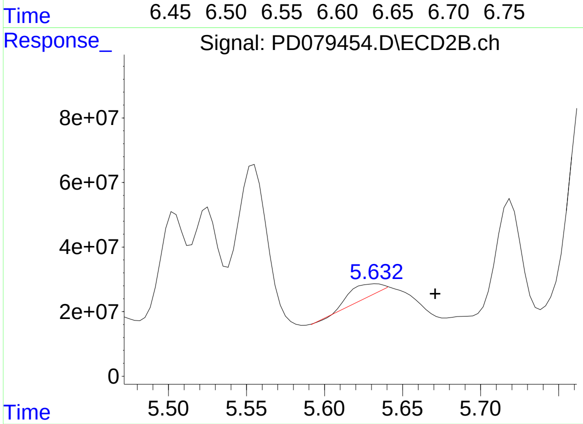
#13 Dieldrin

R.T.: 5.409 min
Delta R.T.: 0.013 min
Response: 192926477
Conc: 60.59 ng/ml



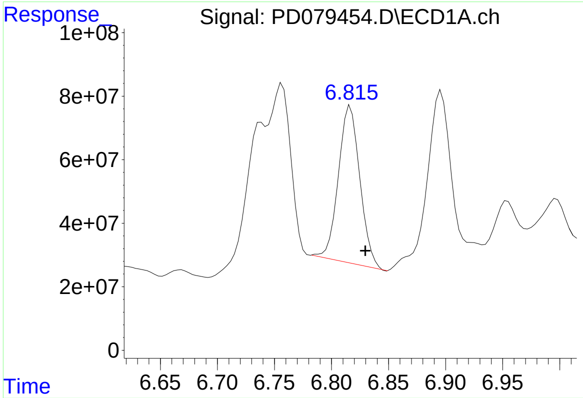
#14 Endrin

R.T.: 6.586 min
Delta R.T.: -0.026 min
Response: 16079202
Conc: 8.81 ng/ml



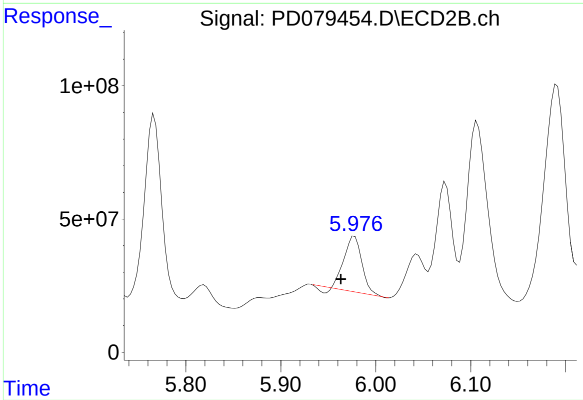
#14 Endrin

R.T.: 5.634 min
Delta R.T.: -0.037 min
Response: 71537832
Conc: 26.12 ng/ml



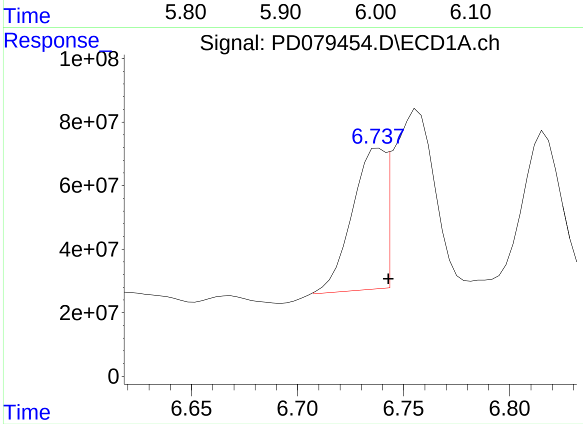
#15 Endosulfan II

R.T.: 6.817 min
Delta R.T.: -0.013 min
Response: 651085962
Conc: 342.23 ng/ml



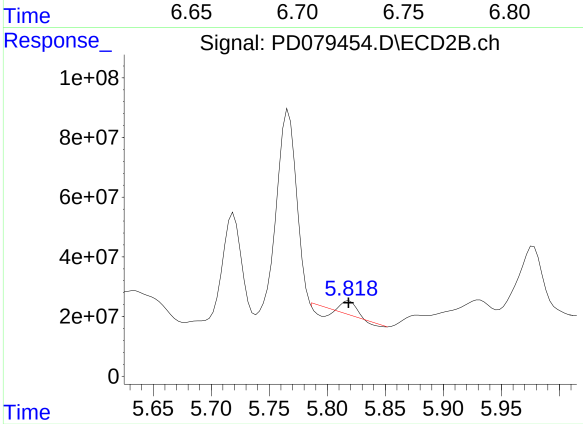
#15 Endosulfan II

R.T.: 5.978 min
Delta R.T.: 0.015 min
Response: 262170617
Conc: 100.95 ng/ml



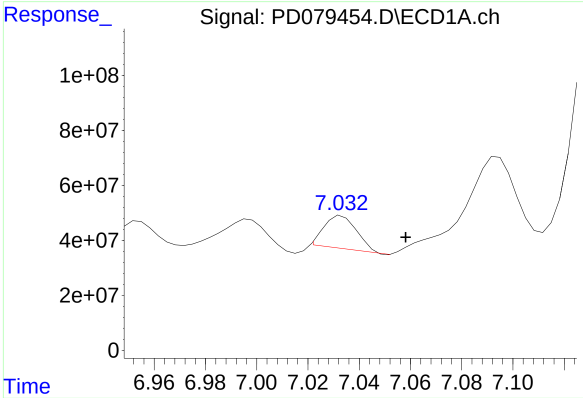
#16 4,4'-DDD

R.T.: 6.739 min
Delta R.T.: -0.004 min
Response: 478579163
Conc: 295.43 ng/ml



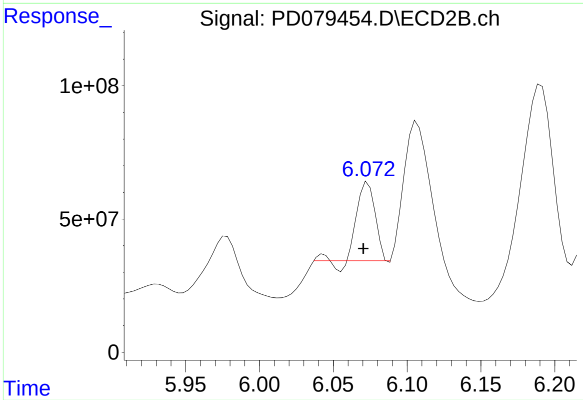
#16 4,4'-DDD

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 11689418
Conc: 4.97 ng/ml



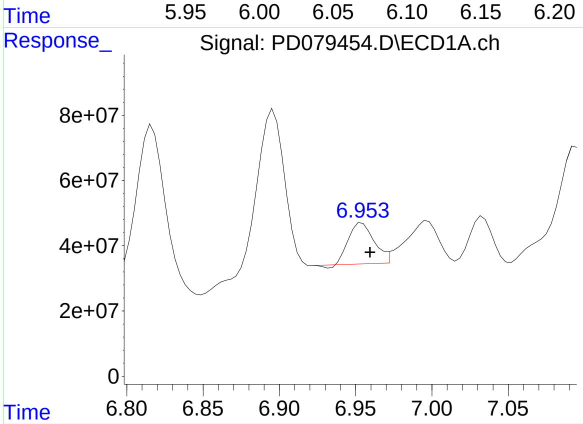
#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: -0.025 min
Response: 105363769
Conc: 61.85 ng/ml



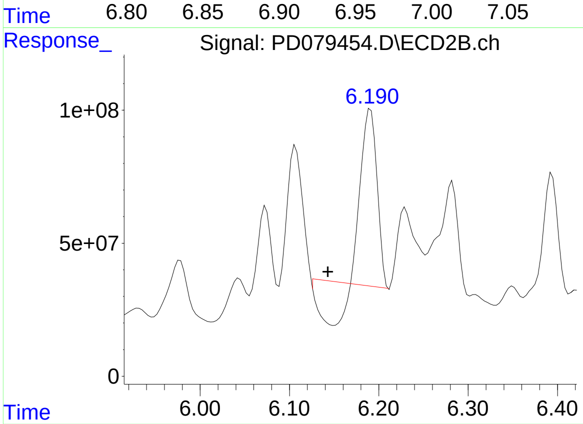
#17 4,4'-DDT

R.T.: 6.073 min
Delta R.T.: 0.003 min
Response: 239706401
Conc: 99.79 ng/ml



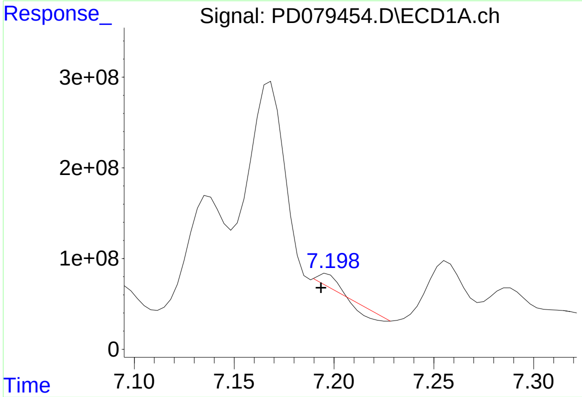
#18 Endrin aldehyde

R.T.: 6.954 min
Delta R.T.: -0.005 min
Response: 143720161
Conc: 96.42 ng/ml



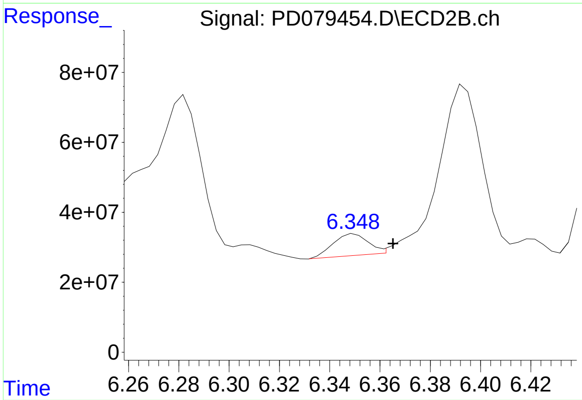
#18 Endrin aldehyde

R.T.: 6.191 min
Delta R.T.: 0.048 min
Response: 612514438
Conc: 302.68 ng/ml



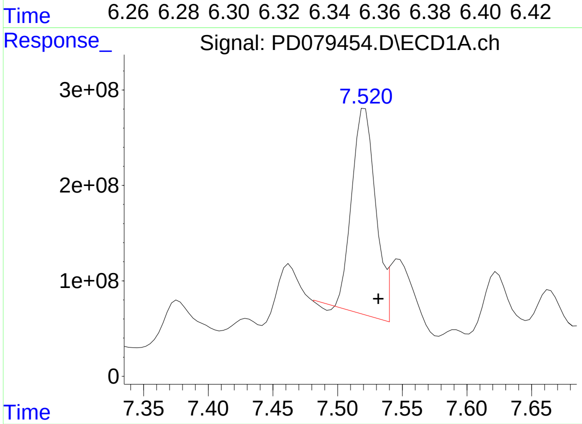
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.003 min
Response: 41262649
Conc: 22.16 ng/ml



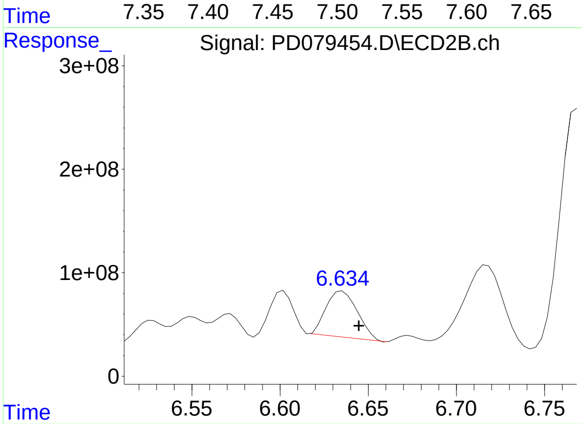
#19 Endosulfan Sulfate

R.T.: 6.350 min
Delta R.T.: -0.015 min
Response: 59532727
Conc: 23.96 ng/ml



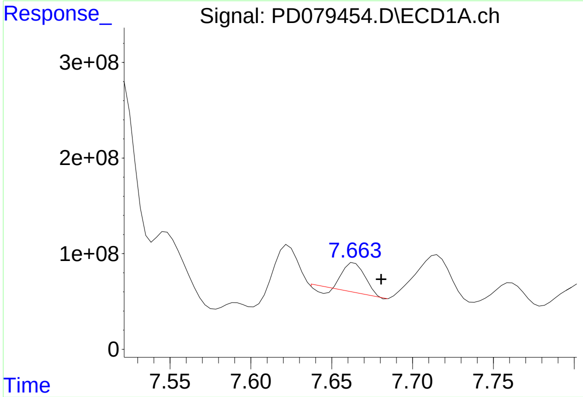
#20 Methoxychlor

R.T.: 7.521 min
Delta R.T.: -0.010 min
Response: 2749127793
Conc: 2982.17 ng/ml



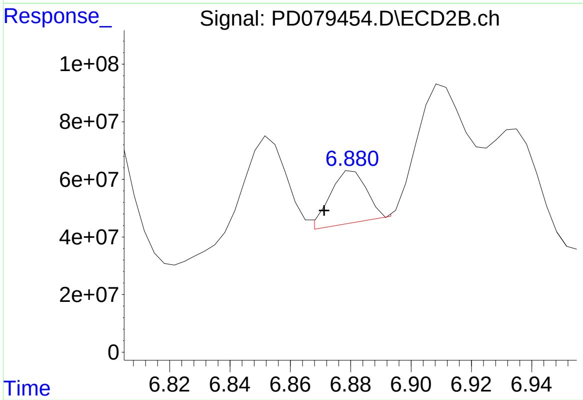
#20 Methoxychlor

R.T.: 6.635 min
Delta R.T.: -0.009 min
Response: 550357796
Conc: 428.17 ng/ml



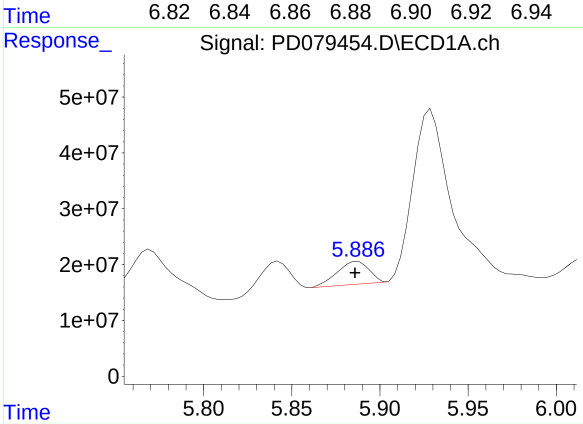
#21 Endrin ketone

R.T.: 7.664 min
Delta R.T.: -0.017 min
Response: 266011105
Conc: 136.15 ng/ml



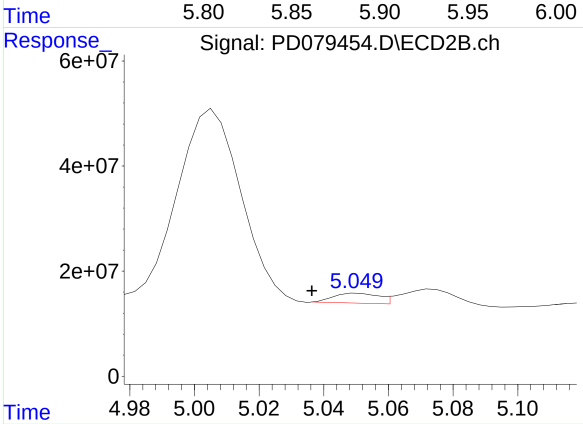
#21 Endrin ketone

R.T.: 6.881 min
Delta R.T.: 0.010 min
Response: 150543102
Conc: 52.95 ng/ml



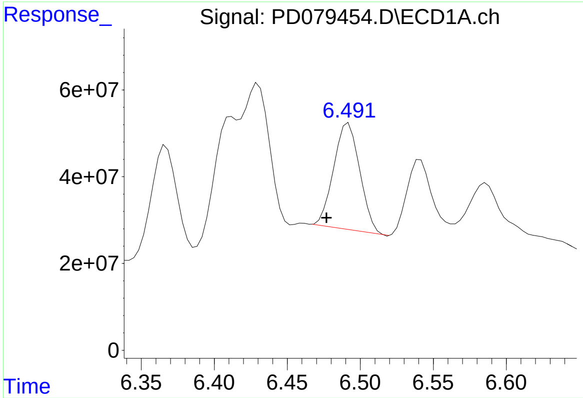
#22 Toxaphene-1

R.T.: 5.887 min
Delta R.T.: 0.002 min
Response: 50973658
Conc: 7433.44 ng/ml



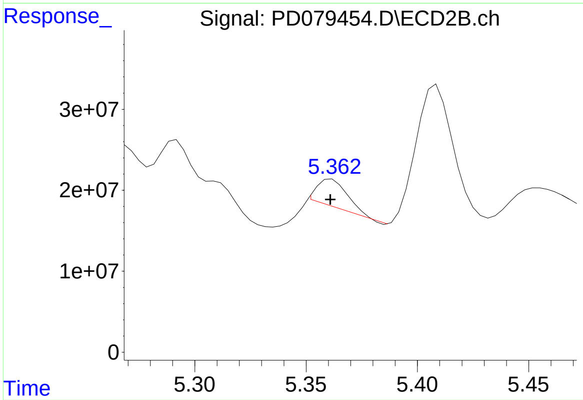
#22 Toxaphene-1

R.T.: 5.051 min
Delta R.T.: 0.014 min
Response: 18065456
Conc: 1080.41 ng/ml



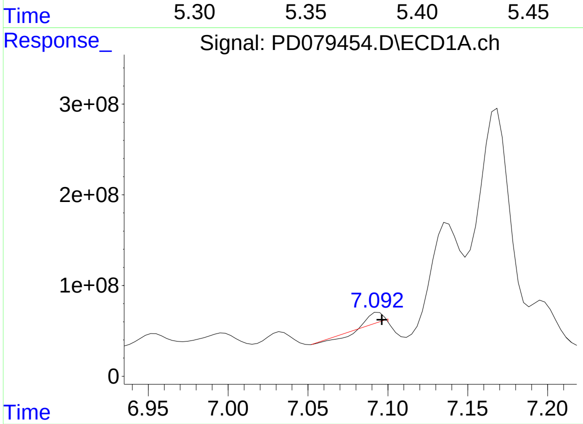
#23 Toxaphene-2

R.T.: 6.492 min
Delta R.T.: 0.015 min
Response: 305323341
Conc: 15724.15 ng/ml



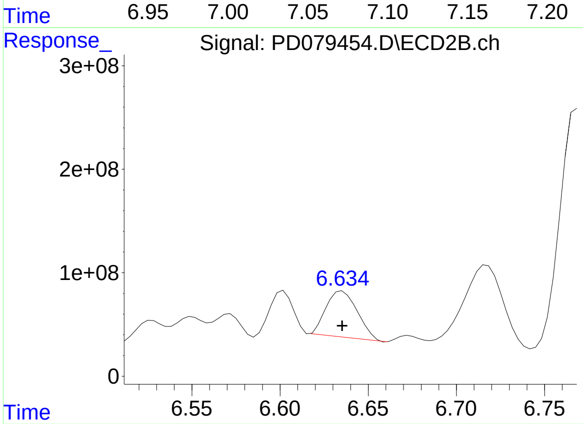
#23 Toxaphene-2

R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 32265923
Conc: 1920.08 ng/ml



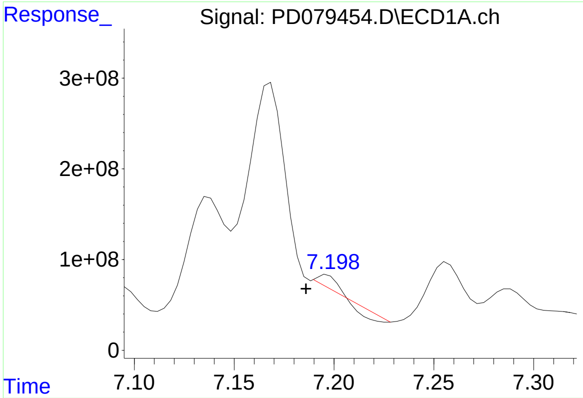
#24 Toxaphene-3

R.T.: 7.094 min
Delta R.T.: -0.002 min
Response: 30625040
Conc: 545.34 ng/ml



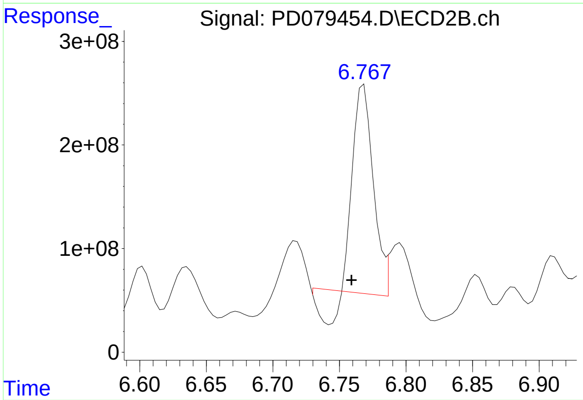
#24 Toxaphene-3

R.T.: 6.635 min
Delta R.T.: 0.000 min
Response: 550357796
Conc: 9557.40 ng/ml



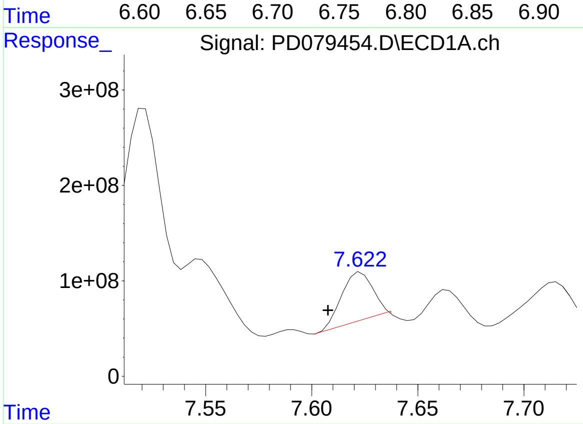
#25 Toxaphene-4

R.T.: 7.197 min
Delta R.T.: 0.011 min
Response: 41262649
Conc: 984.29 ng/ml



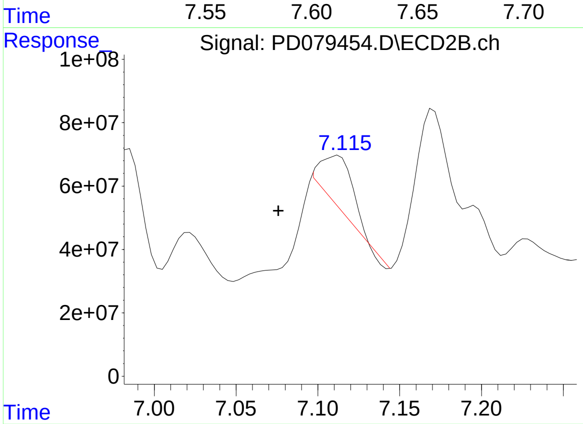
#25 Toxaphene-4

R.T.: 6.768 min
Delta R.T.: 0.009 min
Response: 1893693587
Conc: 24058.47 ng/ml



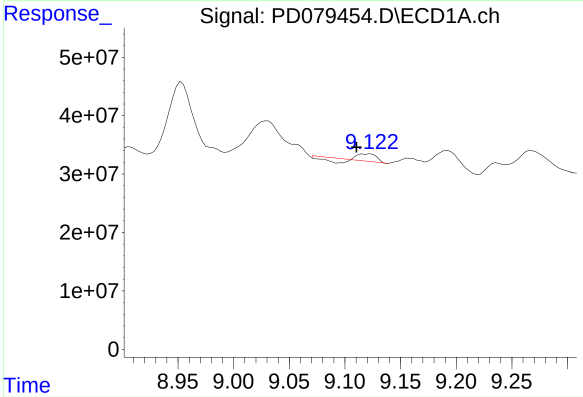
#26 Toxaphene-5

R.T.: 7.623 min
Delta R.T.: 0.016 min
Response: 522162625
Conc: 16590.68 ng/ml



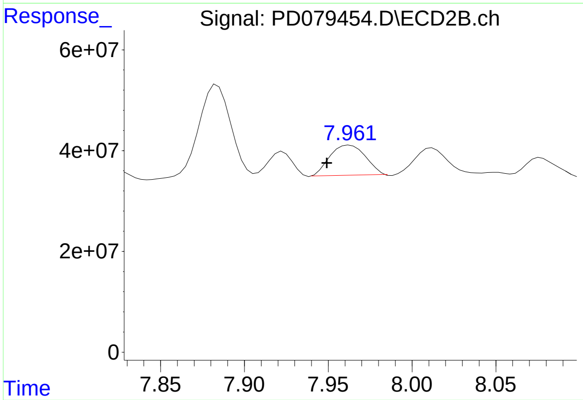
#26 Toxaphene-5

R.T.: 7.113 min
Delta R.T.: 0.037 min
Response: 216467985
Conc: 6483.23 ng/ml



#27 Decachlorobiphenyl

R.T.:	9.117 min
Delta R.T.:	0.006 min
Response:	8386110
Conc:	4.73 ng/ml



#27 Decachlorobiphenyl

R.T.:	7.963 min
Delta R.T.:	0.014 min
Response:	87721132
Conc:	36.74 ng/ml