

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
 Data File : PD064526.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2021 02:07
 Operator : AR\AJ
 Sample : M3082-07MSD
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 06:58:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 28 07:07:14 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

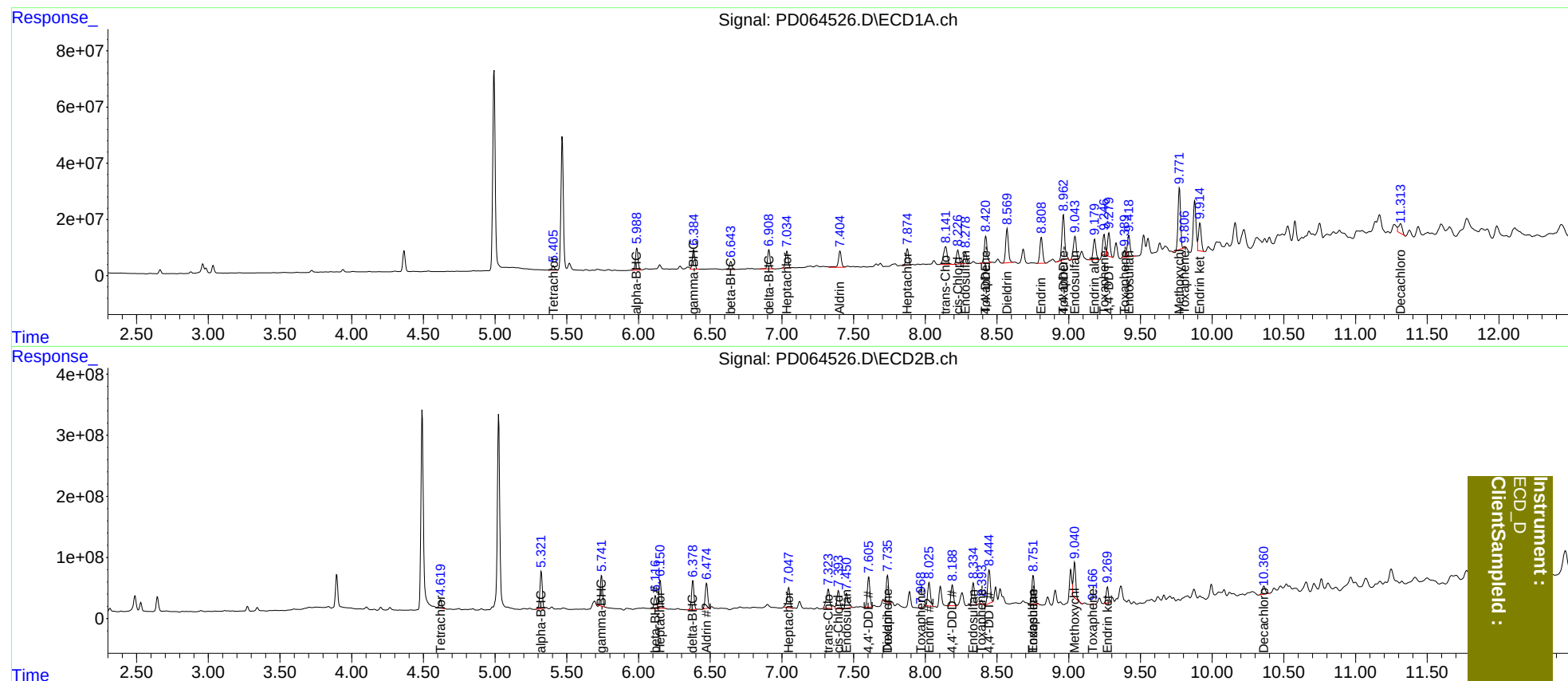
System Monitoring Compounds							
1)	SA Tetrachlo...	5.406	4.620	19638627	156.0E6	16.463	17.077
27)	SA Decachlor...	11.315	10.361	62391793	206.0E6	47.396	34.634 #
Target Compounds							
2)	A alpha-BHC	5.989	5.322	98094265	693.5E6	60.214	56.268
3)	MA gamma-BHC...	6.385	5.742	85231928	521.6E6	54.345	45.742
4)	MA Heptachlor	7.036	6.152	76226490	540.5E6	45.357	47.673
5)	MB Aldrin	7.405	6.475	84987752	501.7E6	53.955	47.696
6)	B beta-BHC	6.644	6.118	33813297	227.8E6	43.341	37.555
7)	B delta-BHC	6.910	6.379	81037258	544.6E6	46.569	50.132
8)	B Heptachlo...	7.875	7.048	73795205	444.2E6	42.983	47.988
9)	A Endosulfan I	8.280	7.452	53322838	338.9E6	37.827	44.078
10)	B trans-Chl...	8.142	7.324	113.9E6	475.6E6	71.049	52.434 #
11)	B cis-Chlor...	8.227	7.394	63152499	415.9E6	40.532	46.750
12)	B 4,4'-DDE	8.422	7.606	127.3E6	606.1E6	88.300	80.330
13)	MA Dieldrin	8.571	7.737	161.0E6	500.3E6	107.945	62.285 #
14)	MA Endrin	8.809	8.027	122.6E6	501.9E6	95.762	87.375
15)	B Endosulfa...	9.044	8.335	111.7E6	447.2E6	86.034	77.477
16)	A 4,4'-DDD	8.963	8.189	217.3E6	424.6E6	177.018	73.716 #
17)	MA 4,4'-DDT	9.280	8.446	102.4E6	742.4E6	78.408	134.872 #
18)	B Endrin al...	9.181	8.522	97393179	-93312590	85.967	N.D. #
19)	B Endosulfa...	9.419	8.753	109.5E6	591.0E6	79.484	109.641 #
20)	A Methoxychlor	9.772	9.041	259.2E6	666.2E6	362.255	260.187 #
21)	B Endrin ke...	9.915	9.270	133.1E6	293.1E6	87.978	48.858 #
22)	Toxaphene-1	8.422	7.737	127.3E6	500.3E6	13639.006	13295.823
23)	Toxaphene-2	8.963	7.969	217.3E6	1845687	12465.058	21.856 #
24)	Toxaphene-3	9.247	8.392	86178974	65813019	7109.484	574.399 #
25)	Toxaphene-4	9.391	8.753	26321209	591.0E6	1095.675	10491.253 #
26)	Toxaphene-5	9.807	9.169	4807639	4525744	260.395	36.000 #

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

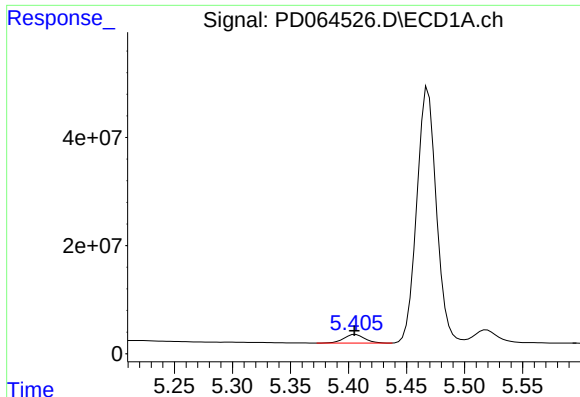
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064526.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 02:07
Operator : AR\AJ
Sample : M3082-07MSD
Misc :
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 06:58:05 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
Quant Title : GC Extractables
QLast Update : Wed Jul 28 07:07:14 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



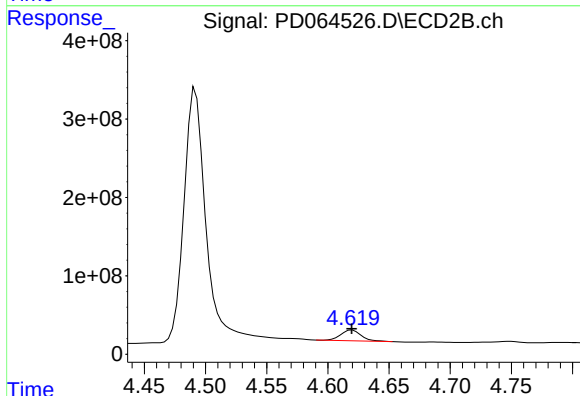
Instrument :
ECD_D
ClientSampled :



#1 Tetrachloro-m-xylene

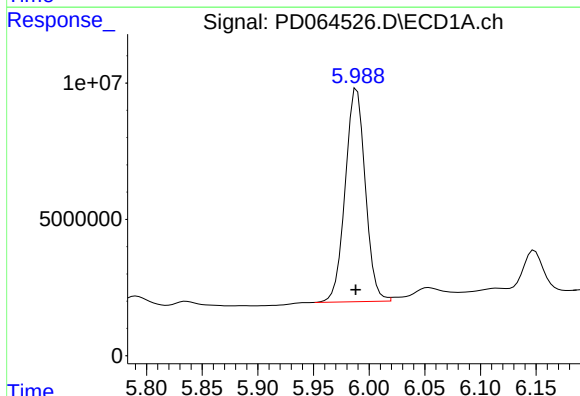
R.T.: 5.406 min
Delta R.T.: 0.001 min
Response: 19638627
Conc: 16.46 ng/ml

Instrument :
ECD_D
ClientSampleId :



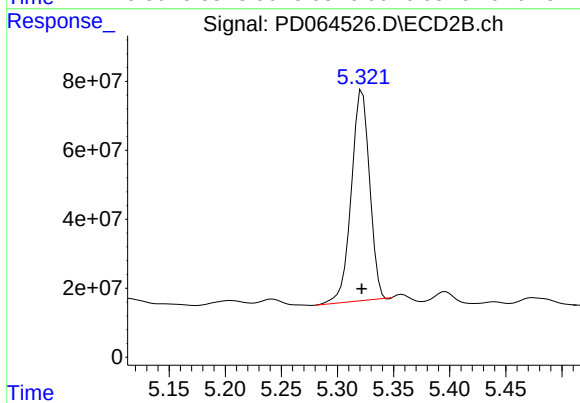
#1 Tetrachloro-m-xylene

R.T.: 4.620 min
Delta R.T.: 0.000 min
Response: 156043415
Conc: 17.08 ng/ml



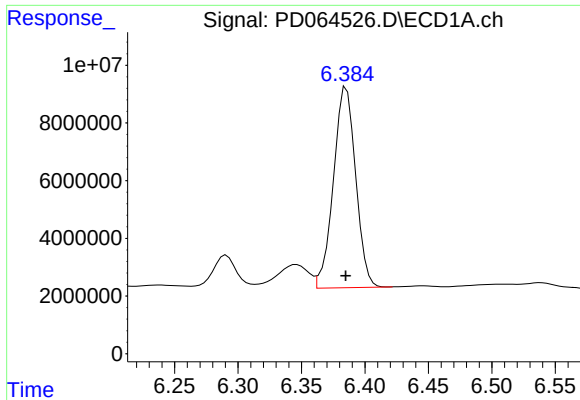
#2 alpha-BHC

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 98094265
Conc: 60.21 ng/ml



#2 alpha-BHC

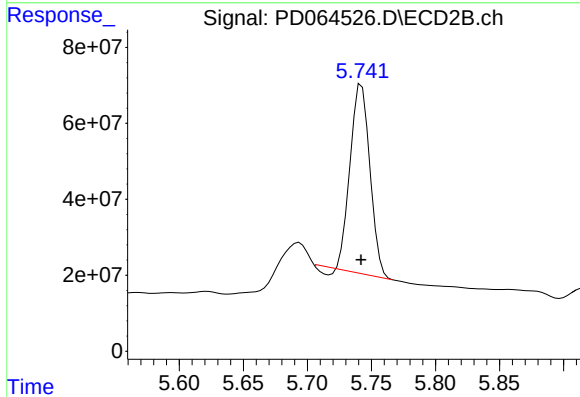
R.T.: 5.322 min
Delta R.T.: 0.000 min
Response: 693537748
Conc: 56.27 ng/ml



#3 gamma-BHC (Lindane)

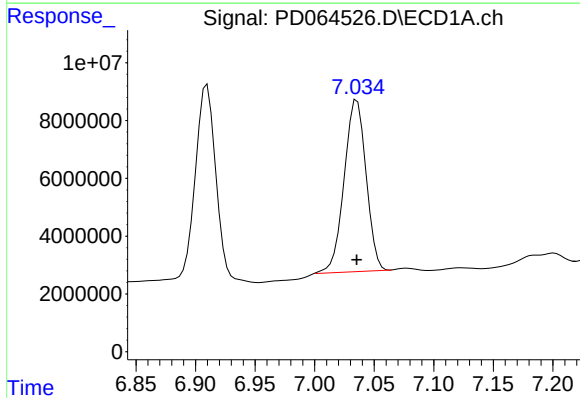
R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 85231928
Conc: 54.34 ng/ml

Instrument :
ECD_D
ClientSampleId :



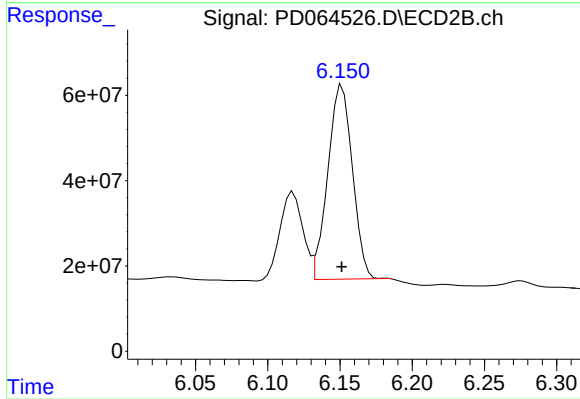
#3 gamma-BHC (Lindane)

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 521622437
Conc: 45.74 ng/ml



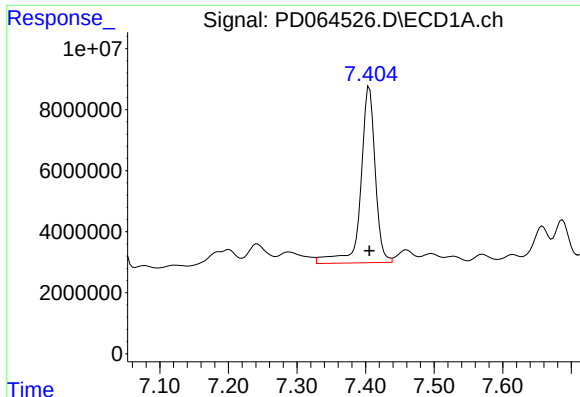
#4 Heptachlor

R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 76226490
Conc: 45.36 ng/ml



#4 Heptachlor

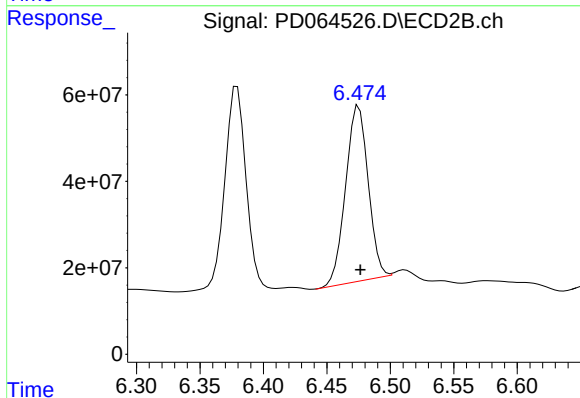
R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 540516329
Conc: 47.67 ng/ml



#5 Aldrin

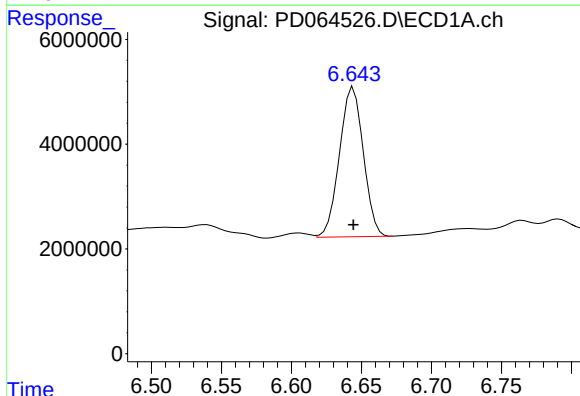
R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 84987752
Conc: 53.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



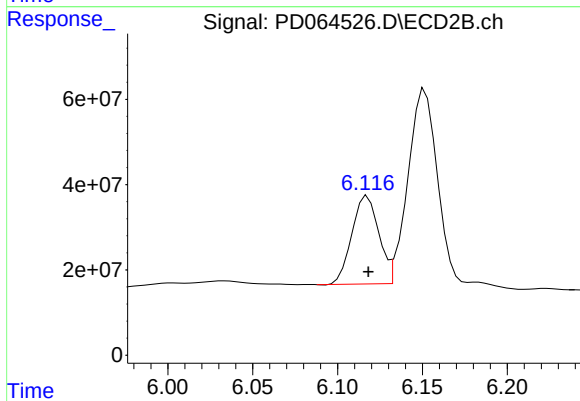
#5 Aldrin

R.T.: 6.475 min
Delta R.T.: -0.001 min
Response: 501723087
Conc: 47.70 ng/ml



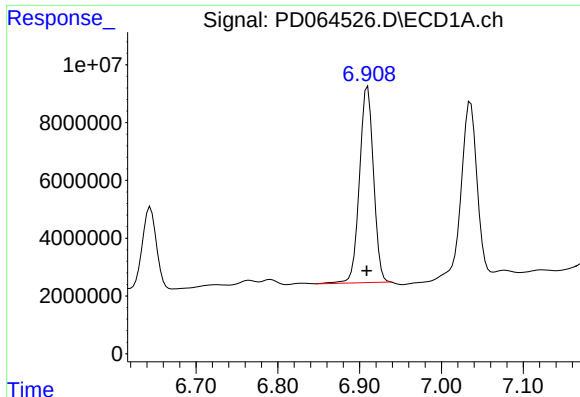
#6 beta-BHC

R.T.: 6.644 min
Delta R.T.: 0.000 min
Response: 33813297
Conc: 43.34 ng/ml



#6 beta-BHC

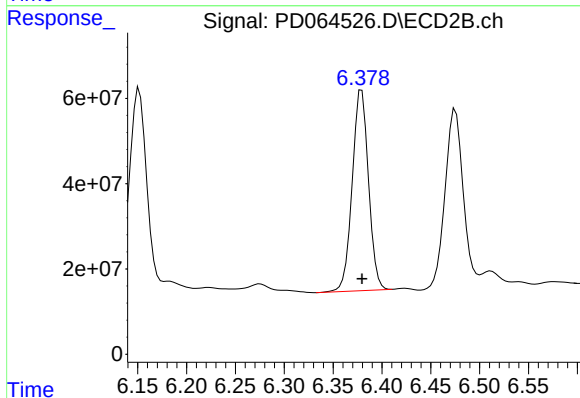
R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 227838976
Conc: 37.55 ng/ml



#7 delta-BHC

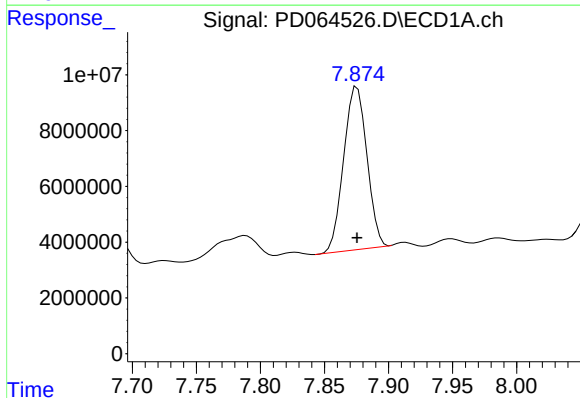
R.T.: 6.910 min
Delta R.T.: 0.001 min
Response: 81037258
Conc: 46.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



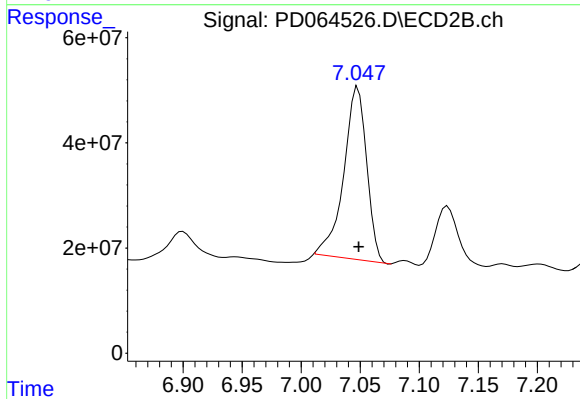
#7 delta-BHC

R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 544618627
Conc: 50.13 ng/ml



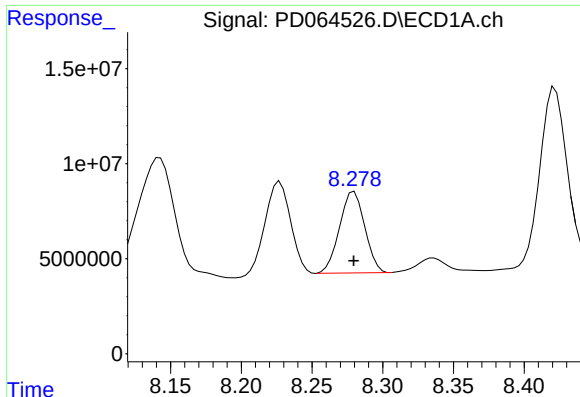
#8 Heptachlor epoxide

R.T.: 7.875 min
Delta R.T.: 0.000 min
Response: 73795205
Conc: 42.98 ng/ml



#8 Heptachlor epoxide

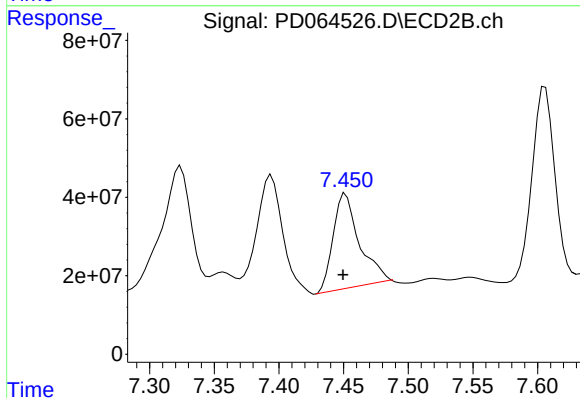
R.T.: 7.048 min
Delta R.T.: 0.000 min
Response: 444223870
Conc: 47.99 ng/ml



#9 Endosulfan I

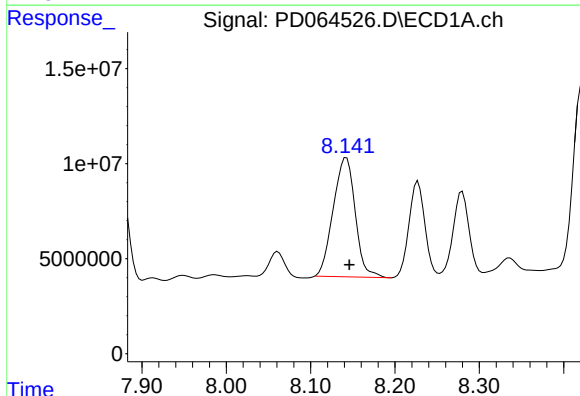
R.T.: 8.280 min
Delta R.T.: 0.000 min
Response: 53322838
Conc: 37.83 ng/ml

Instrument :
ECD_D
ClientSampleId :



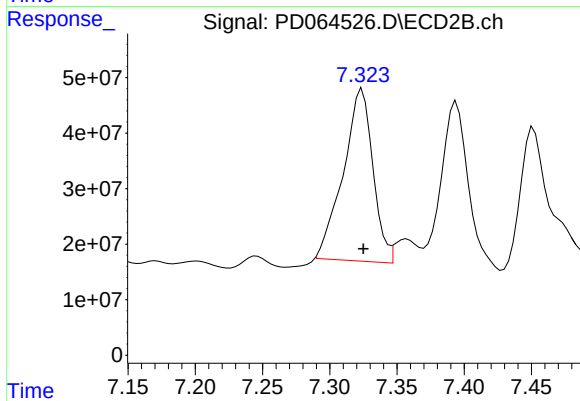
#9 Endosulfan I

R.T.: 7.452 min
Delta R.T.: 0.002 min
Response: 338941476
Conc: 44.08 ng/ml



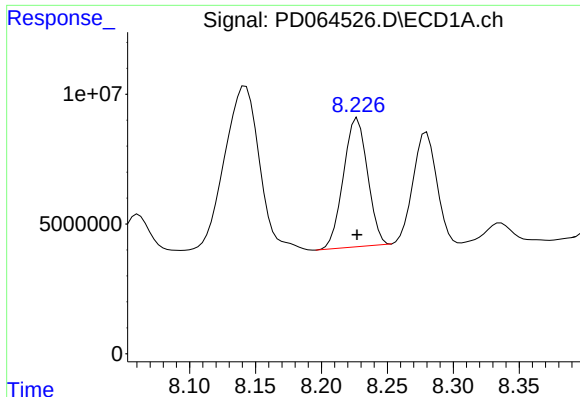
#10 trans-Chlordane

R.T.: 8.142 min
Delta R.T.: -0.004 min
Response: 113853729
Conc: 71.05 ng/ml



#10 trans-Chlordane

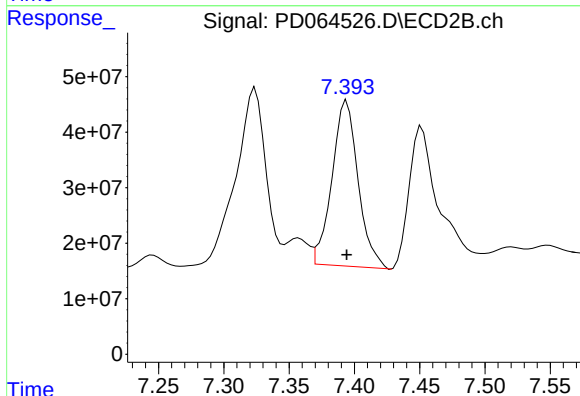
R.T.: 7.324 min
Delta R.T.: -0.001 min
Response: 475584046
Conc: 52.43 ng/ml



#11 cis-Chlordane

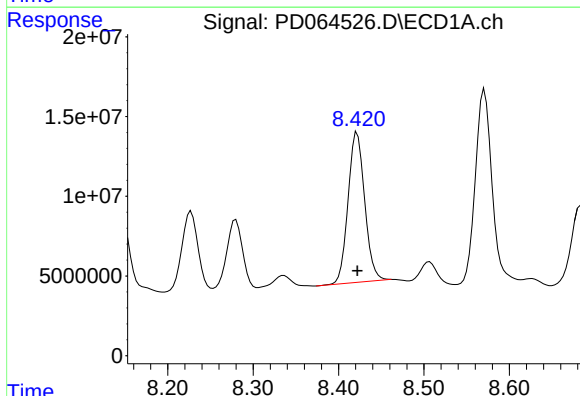
R.T.: 8.227 min
Delta R.T.: 0.000 min
Response: 63152499
Conc: 40.53 ng/ml

Instrument :
ECD_D
ClientSampleId :



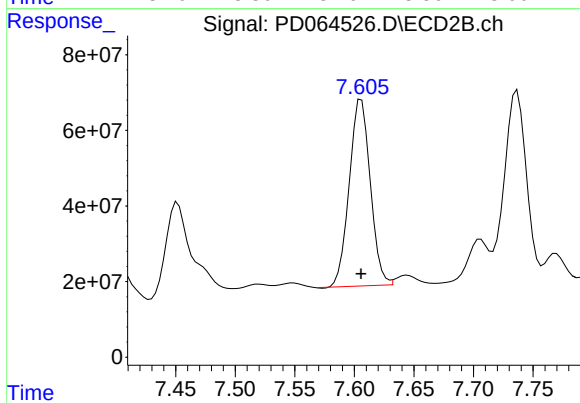
#11 cis-Chlordane

R.T.: 7.394 min
Delta R.T.: 0.000 min
Response: 415872416
Conc: 46.75 ng/ml



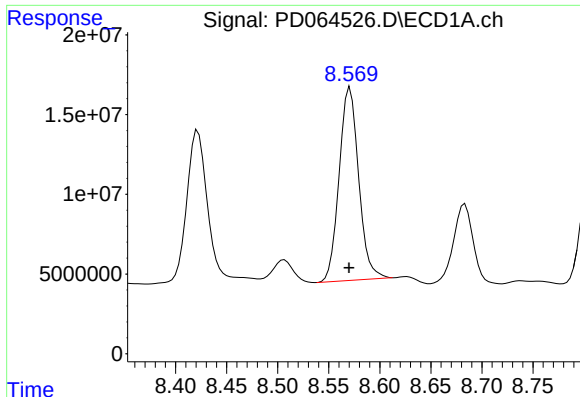
#12 4,4'-DDE

R.T.: 8.422 min
Delta R.T.: 0.000 min
Response: 127268334
Conc: 88.30 ng/ml



#12 4,4'-DDE

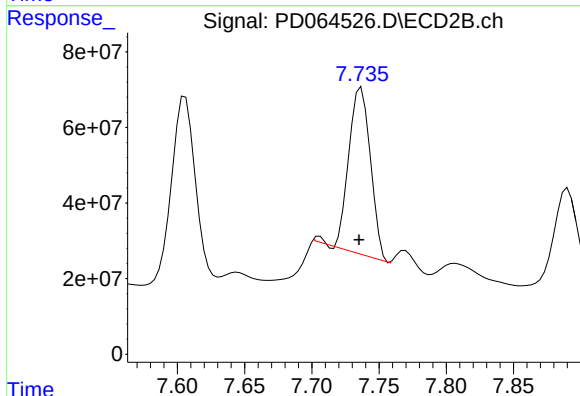
R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 606107244
Conc: 80.33 ng/ml



#13 Dieldrin

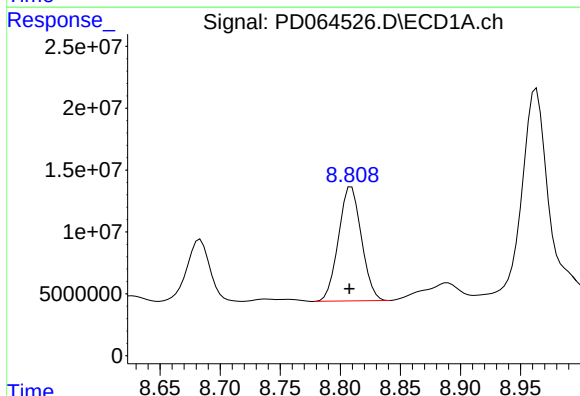
R.T.: 8.571 min
Delta R.T.: 0.000 min
Response: 160976384
Conc: 107.94 ng/ml

Instrument :
ECD_D
ClientSampleId :



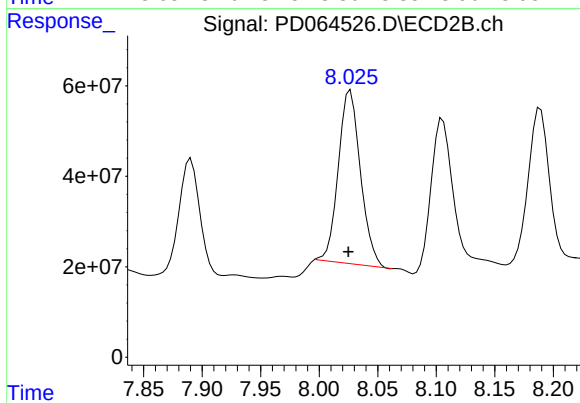
#13 Dieldrin

R.T.: 7.737 min
Delta R.T.: 0.002 min
Response: 500261754
Conc: 62.29 ng/ml



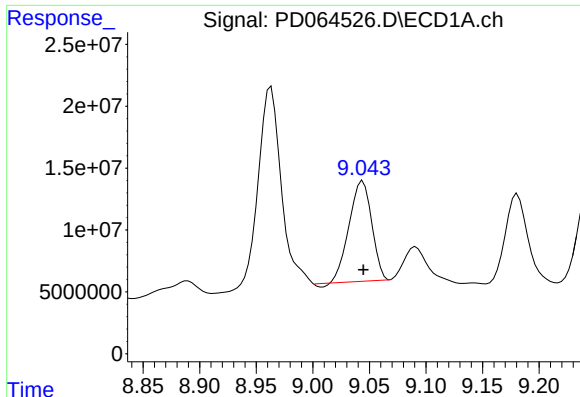
#14 Endrin

R.T.: 8.809 min
Delta R.T.: 0.002 min
Response: 122613393
Conc: 95.76 ng/ml



#14 Endrin

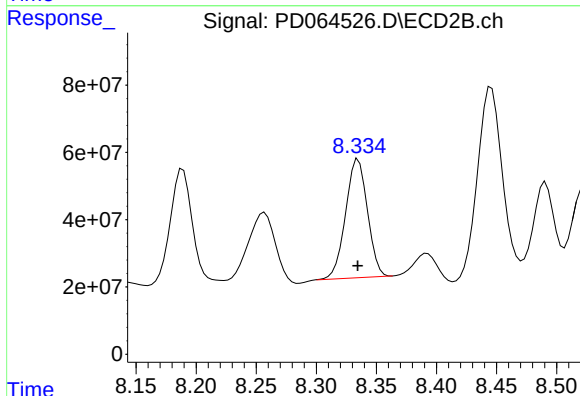
R.T.: 8.027 min
Delta R.T.: 0.002 min
Response: 501930167
Conc: 87.37 ng/ml



#15 Endosulfan II

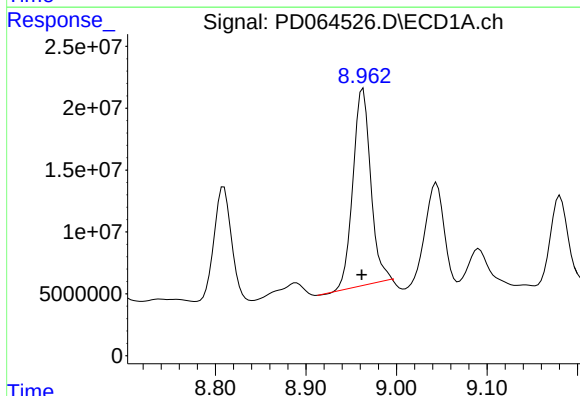
R.T.: 9.044 min
Delta R.T.: 0.000 min
Response: 111723955
Conc: 86.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



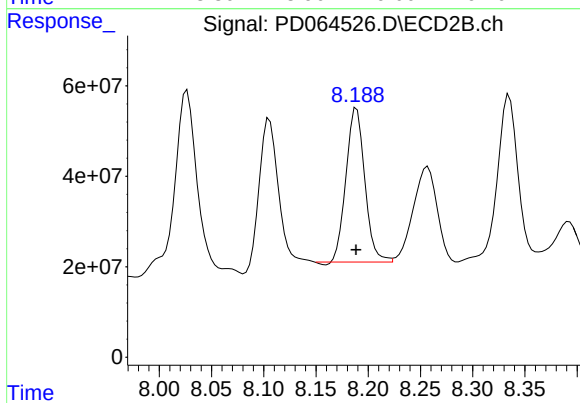
#15 Endosulfan II

R.T.: 8.335 min
Delta R.T.: 0.000 min
Response: 447231950
Conc: 77.48 ng/ml



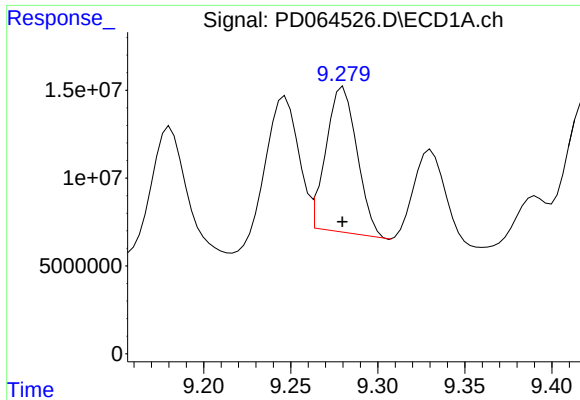
#16 4,4'-DDD

R.T.: 8.963 min
Delta R.T.: 0.001 min
Response: 217297960
Conc: 177.02 ng/ml



#16 4,4'-DDD

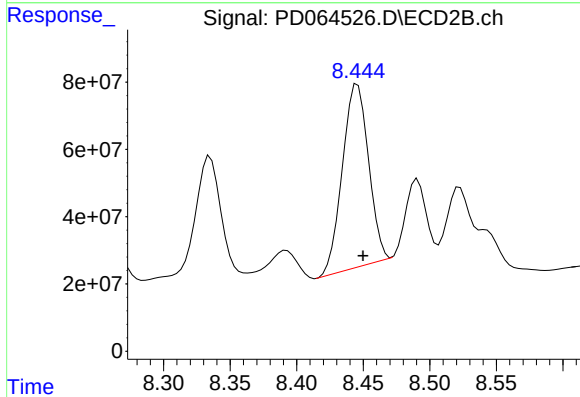
R.T.: 8.189 min
Delta R.T.: 0.000 min
Response: 424571250
Conc: 73.72 ng/ml



#17 4,4'-DDT

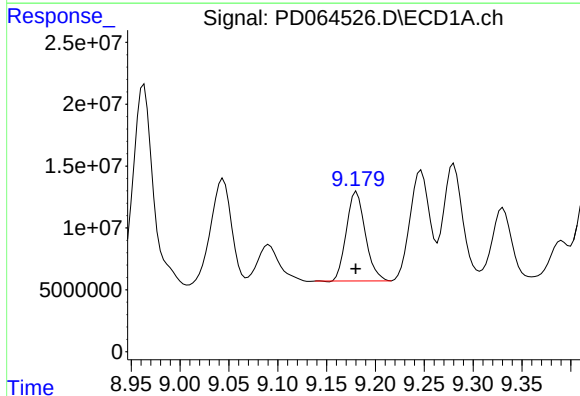
R.T.: 9.280 min
Delta R.T.: 0.000 min
Response: 102358654
Conc: 78.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



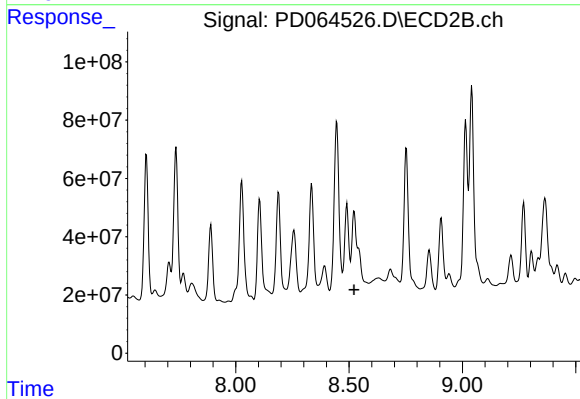
#17 4,4'-DDT

R.T.: 8.446 min
Delta R.T.: -0.004 min
Response: 742415634
Conc: 134.87 ng/ml



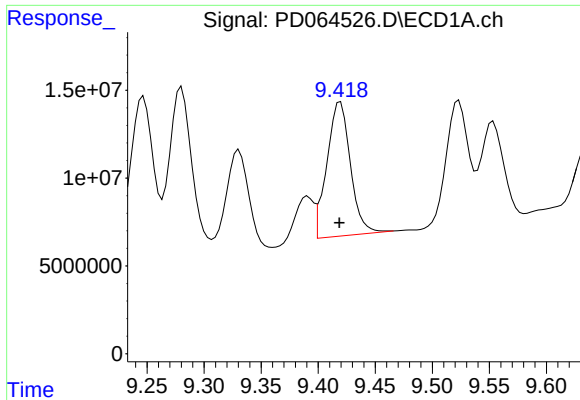
#18 Endrin aldehyde

R.T.: 9.181 min
Delta R.T.: 0.000 min
Response: 97393179
Conc: 85.97 ng/ml



#18 Endrin aldehyde

R.T.: 8.522 min
Delta R.T.: 0.000 min
Response: -93312590
Conc: N.D.



#19 Endosulfan Sulfate

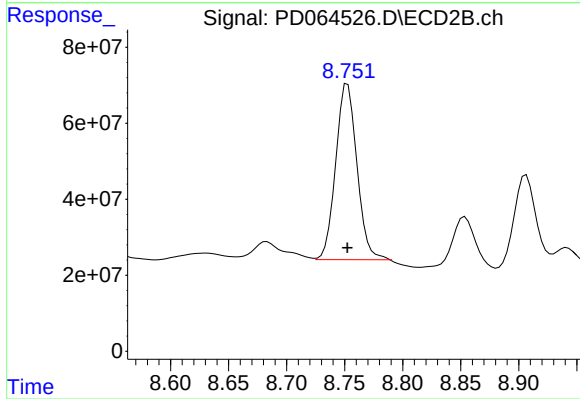
R.T.: 9.419 min

Delta R.T.: 0.000 min

Response: 109543818

Conc: 79.48 ng/ml

Instrument :
ECD_D
ClientSampleId :



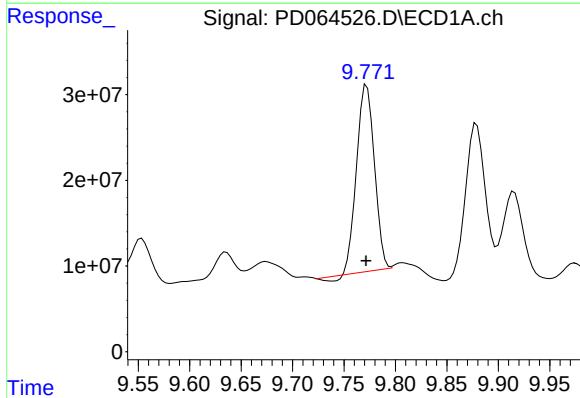
#19 Endosulfan Sulfate

R.T.: 8.753 min

Delta R.T.: 0.000 min

Response: 590989865

Conc: 109.64 ng/ml



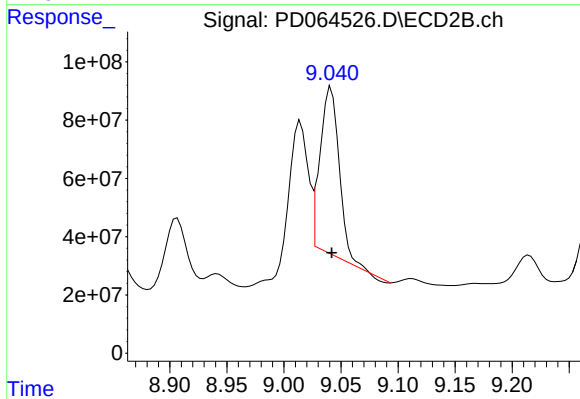
#20 Methoxychlor

R.T.: 9.772 min

Delta R.T.: 0.000 min

Response: 259215769

Conc: 362.25 ng/ml



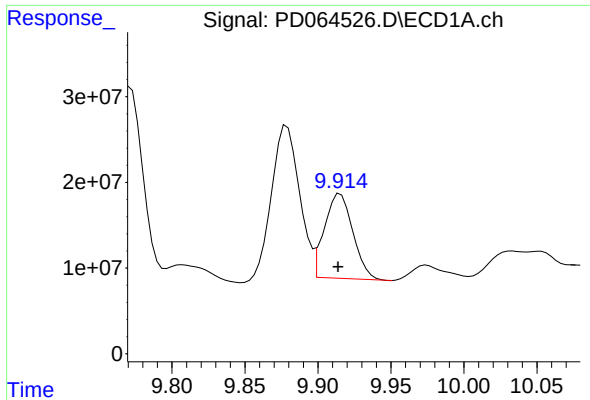
#20 Methoxychlor

R.T.: 9.041 min

Delta R.T.: 0.000 min

Response: 666236525

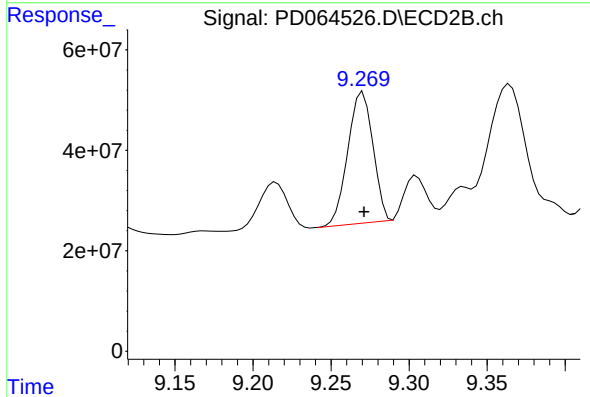
Conc: 260.19 ng/ml



#21 Endrin ketone

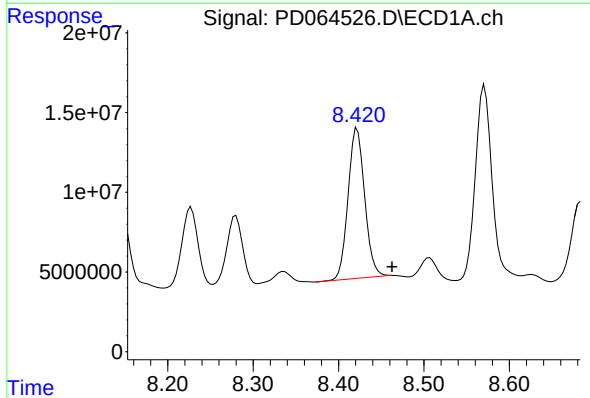
R.T.: 9.915 min
Delta R.T.: 0.001 min
Response: 133101195
Conc: 87.98 ng/ml

Instrument :
ECD_D
ClientSampleId :



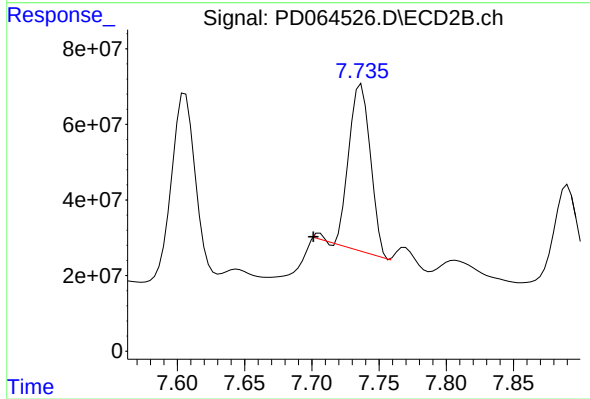
#21 Endrin ketone

R.T.: 9.270 min
Delta R.T.: 0.000 min
Response: 293072277
Conc: 48.86 ng/ml



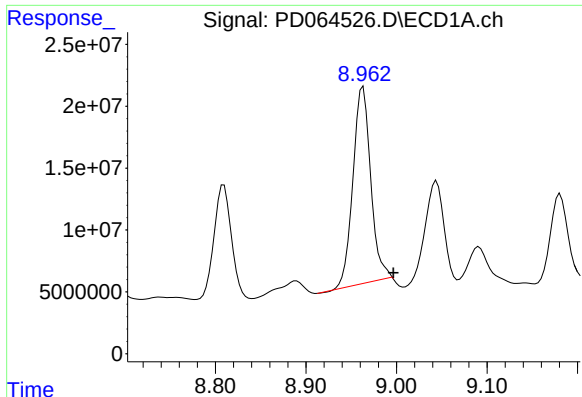
#22 Toxaphene-1

R.T.: 8.422 min
Delta R.T.: -0.041 min
Response: 127268334
Conc: 13639.01 ng/ml



#22 Toxaphene-1

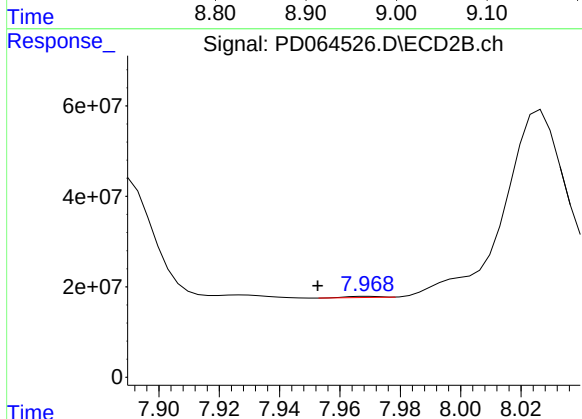
R.T.: 7.737 min
Delta R.T.: 0.036 min
Response: 500261754
Conc: 13295.82 ng/ml



#23 Toxaphene-2

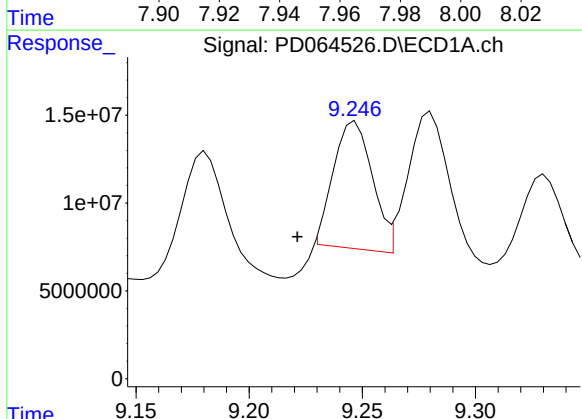
R.T.: 8.963 min
Delta R.T.: -0.033 min
Response: 217297960
Conc: 12465.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



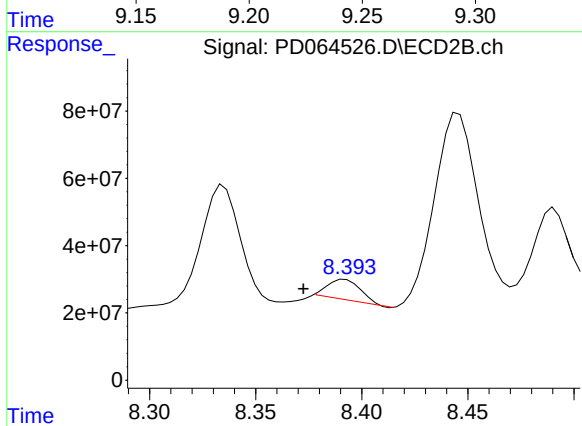
#23 Toxaphene-2

R.T.: 7.969 min
Delta R.T.: 0.017 min
Response: 1845687
Conc: 21.86 ng/ml



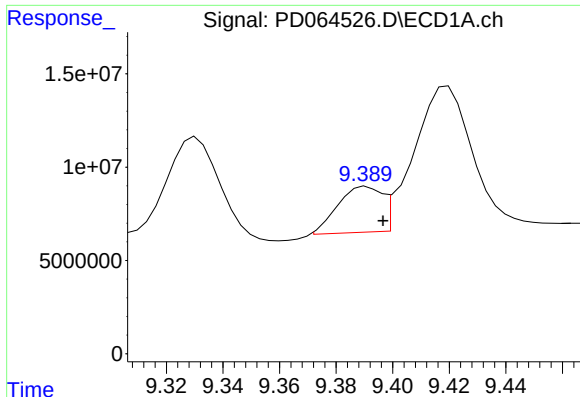
#24 Toxaphene-3

R.T.: 9.247 min
Delta R.T.: 0.026 min
Response: 86178974
Conc: 7109.48 ng/ml



#24 Toxaphene-3

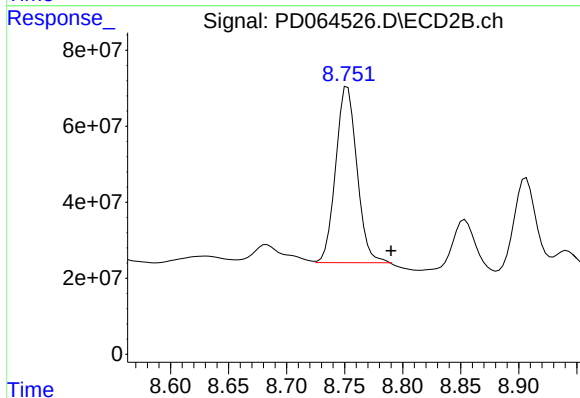
R.T.: 8.392 min
Delta R.T.: 0.020 min
Response: 65813019
Conc: 574.40 ng/ml



#25 Toxaphene-4

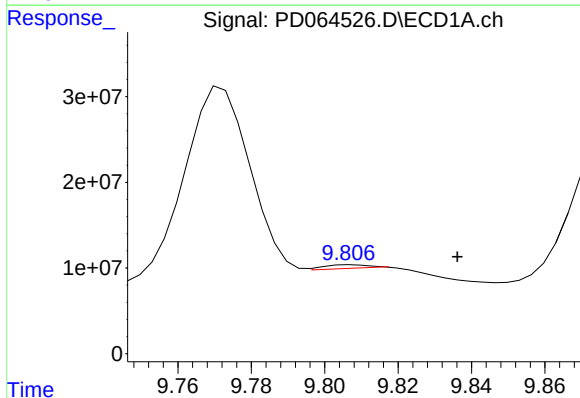
R.T.: 9.391 min
Delta R.T.: -0.006 min
Response: 26321209
Conc: 1095.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



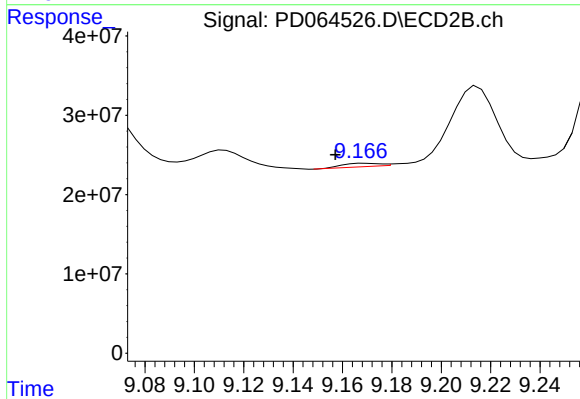
#25 Toxaphene-4

R.T.: 8.753 min
Delta R.T.: -0.038 min
Response: 590989865
Conc: 10491.25 ng/ml



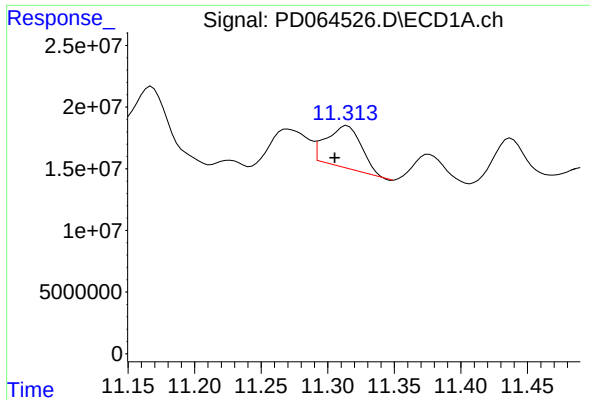
#26 Toxaphene-5

R.T.: 9.807 min
Delta R.T.: -0.029 min
Response: 4807639
Conc: 260.39 ng/ml



#26 Toxaphene-5

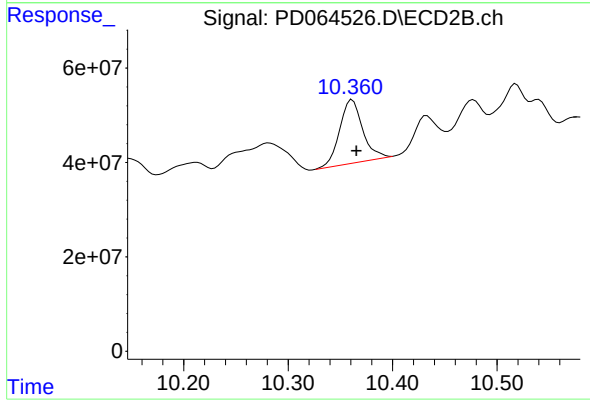
R.T.: 9.169 min
Delta R.T.: 0.012 min
Response: 4525744
Conc: 36.00 ng/ml



#27 Decachlorobiphenyl

R.T.: 11.315 min
Delta R.T.: 0.009 min
Response: 62391793
Conc: 47.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 10.361 min
Delta R.T.: -0.004 min
Response: 205963446
Conc: 34.63 ng/ml