

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062825\
 Data File : PD089226.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jun 2025 03:12
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

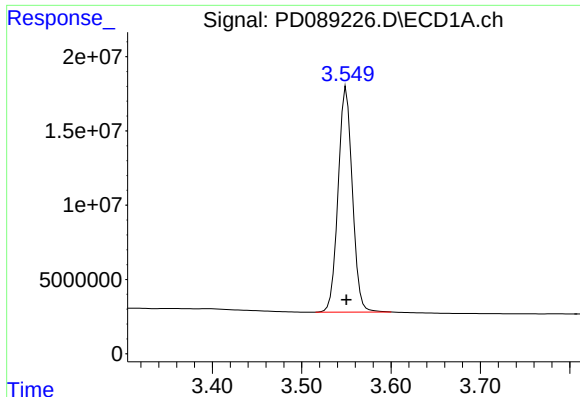
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 28 03:51:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.550	2.881	167.4E6	1010.3E6	58.684	59.594
28)	SA Decachlor...	9.071	8.071	206.6E6	1072.7E6	52.612	54.261
Target Compounds							
2)	A alpha-BHC	3.999	3.392	344.7E6	1552.2E6	59.140	57.925
3)	MA gamma-BHC...	4.330	3.729	324.1E6	1421.4E6	58.073	57.415
4)	MA Heptachlor	4.928	4.082	301.4E6	1359.9E6	55.275	54.314
5)	MB Aldrin	5.271	4.367	310.6E6	1386.7E6	58.470	57.262
6)	B beta-BHC	4.515	4.024	122.6E6	594.4E6	55.545	55.316
7)	B delta-BHC	4.764	4.261	312.0E6	1411.5E6	60.788	56.747
8)	B Heptachlo...	5.690	4.871	270.1E6	1249.2E6	55.987	57.045
9)	A Endosulfan I	6.074	5.245	254.9E6	1160.4E6	56.551	55.677
10)	B gamma-Chl...	5.945	5.124	283.3E6	1366.3E6	59.177	57.112
11)	B alpha-Chl...	6.026	5.189	279.4E6	1284.4E6	57.736	56.097
12)	B 4,4'-DDE	6.195	5.374	242.4E6	1277.4E6	55.572	55.742
13)	MA Dieldrin	6.346	5.511	272.0E6	1297.3E6	56.693	55.899
14)	MA Endrin	6.573	5.788	218.1E6	1187.4E6	52.865	54.685
15)	B Endosulfa...	6.785	6.079	223.6E6	1112.3E6	55.397	55.075
16)	A 4,4'-DDD	6.704	5.928	199.9E6	1054.1E6	58.232	55.101
17)	MA 4,4'-DDT	7.020	6.182	180.8E6	966.9E6	47.734	47.677
18)	B Endrin al...	6.914	6.257	165.6E6	814.3E6	54.049	53.180
19)	B Endosulfa...	7.148	6.481	207.7E6	1056.1E6	54.123	53.825
20)	A Methoxychlor	7.492	6.753	103.1E6	567.6E6	51.019	52.716
21)	B Endrin ke...	7.629	6.989	225.3E6	1184.5E6	55.314	54.835
22)	Mirex	8.112	7.183	162.3E6	887.9E6	53.401	53.236
23)	Chlordane-1	4.713	3.905	301923	4529414	1.411	4.859 #
24)	Chlordane-2	5.271f	4.490	310.6E6	14719226	1422.950	15.468 #
25)	Chlordane-3	5.945	5.124	283.3E6	1366.3E6	328.524	459.998 #
26)	Chlordane-4	6.026	5.189	279.4E6	1284.4E6	265.875	512.397 #
27)	Chlordane-5	6.870	6.079	1153621	1112.3E6	6.312	982.911 #

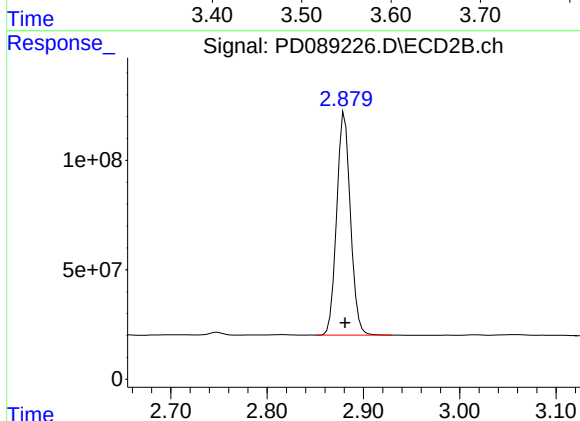
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

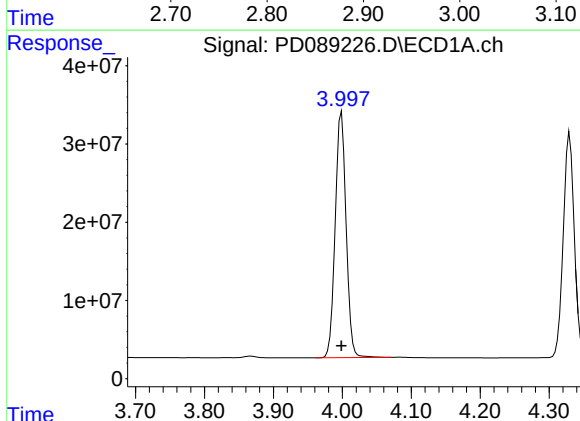
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 167432681
Conc: 58.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



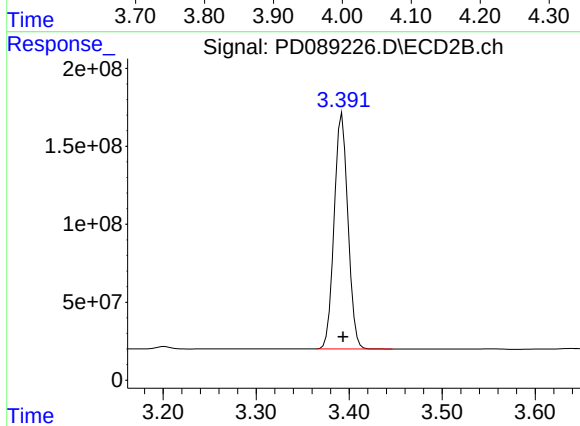
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 1010313126
Conc: 59.59 ng/ml



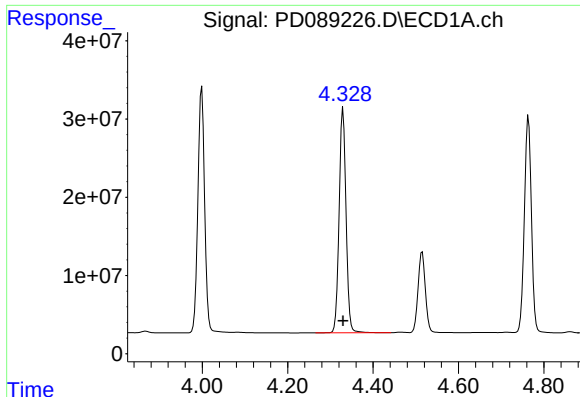
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 344728891
Conc: 59.14 ng/ml



#2 alpha-BHC

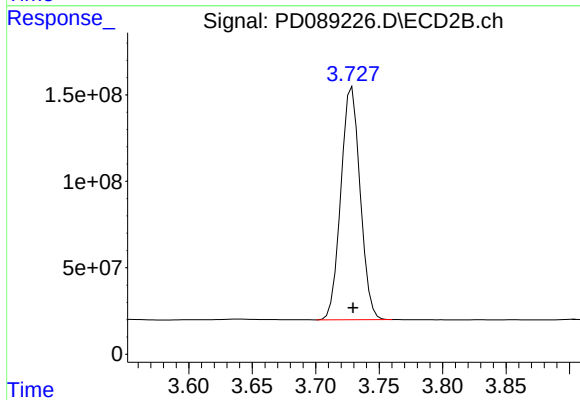
R.T.: 3.392 min
Delta R.T.: 0.000 min
Response: 1552221189
Conc: 57.92 ng/ml



#3 gamma-BHC (Lindane)

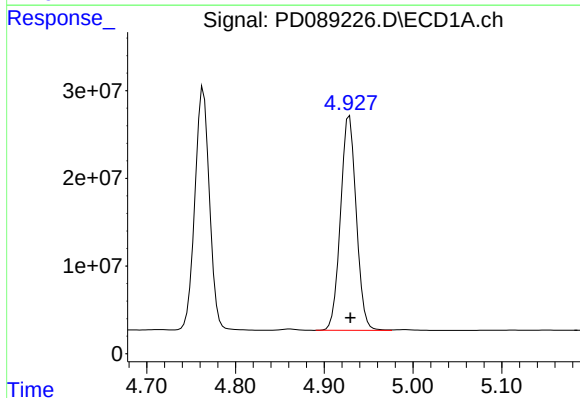
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 324143231
Conc: 58.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



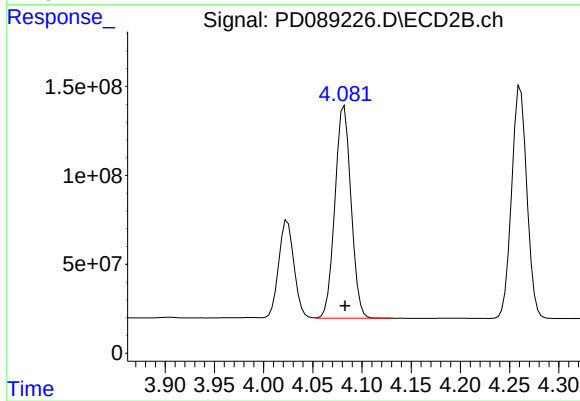
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 1421408653
Conc: 57.41 ng/ml



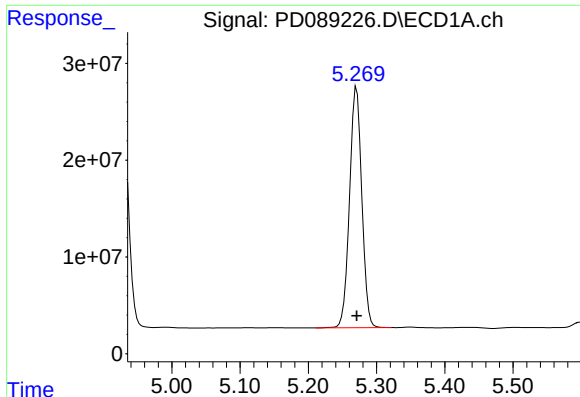
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: -0.001 min
Response: 301357698
Conc: 55.28 ng/ml



#4 Heptachlor

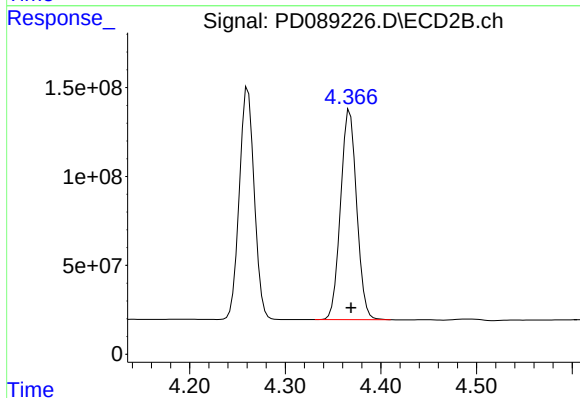
R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 1359929067
Conc: 54.31 ng/ml



#5 Aldrin

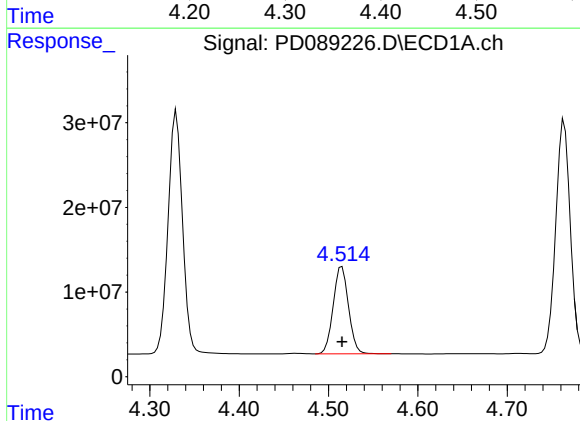
R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 310649580
Conc: 58.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



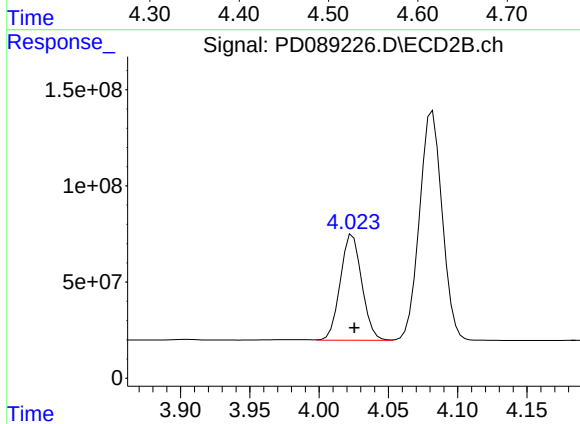
#5 Aldrin

R.T.: 4.367 min
Delta R.T.: -0.001 min
Response: 1386722892
Conc: 57.26 ng/ml



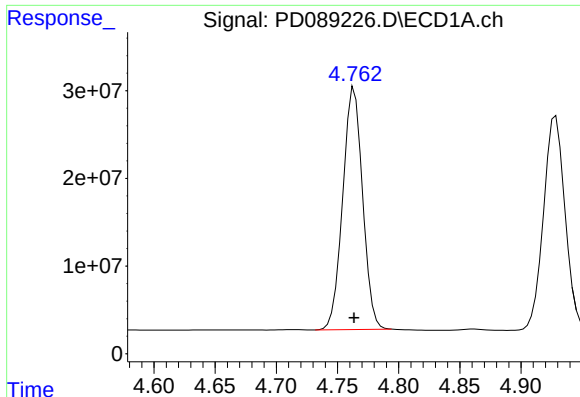
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 122595432
Conc: 55.54 ng/ml



#6 beta-BHC

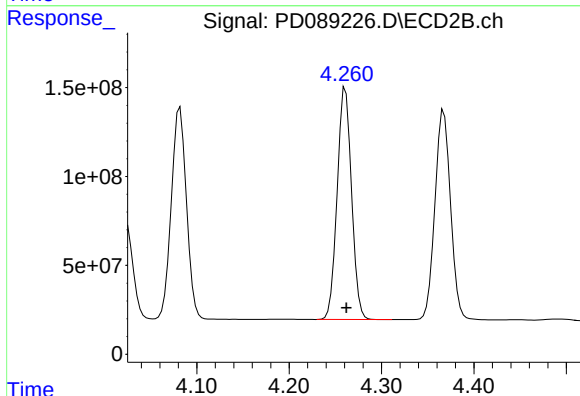
R.T.: 4.024 min
Delta R.T.: -0.001 min
Response: 594440753
Conc: 55.32 ng/ml



#7 delta-BHC

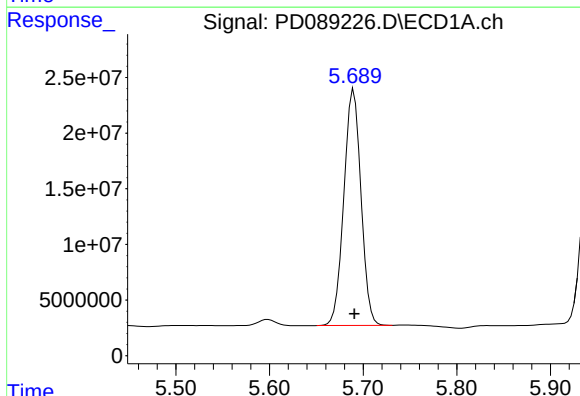
R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 312018232
Conc: 60.79 ng/ml

Instrument :
ECD_D
ClientSampleId :



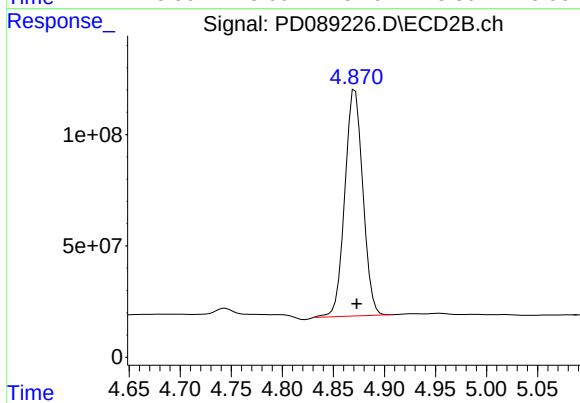
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: 0.000 min
Response: 1411500177
Conc: 56.75 ng/ml



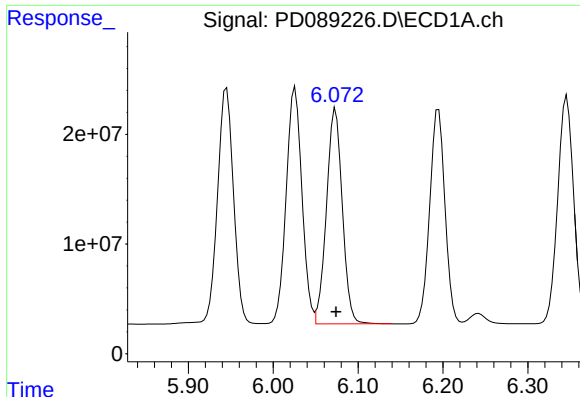
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 270077942
Conc: 55.99 ng/ml



#8 Heptachlor epoxide

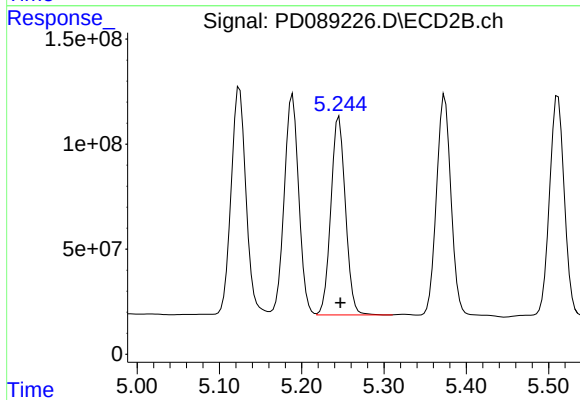
R.T.: 4.871 min
Delta R.T.: -0.001 min
Response: 1249182144
Conc: 57.05 ng/ml



#9 Endosulfan I

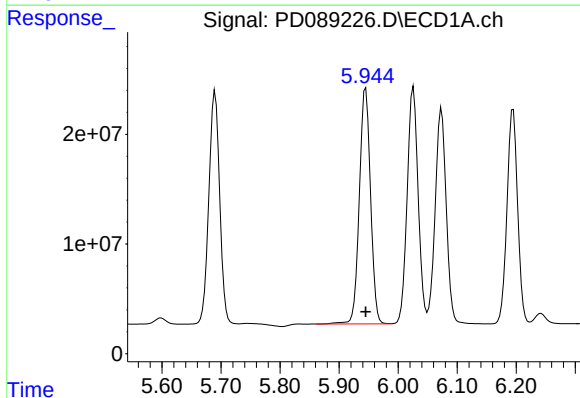
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 254902572
Conc: 56.55 ng/ml

Instrument :
ECD_D
ClientSampleId :



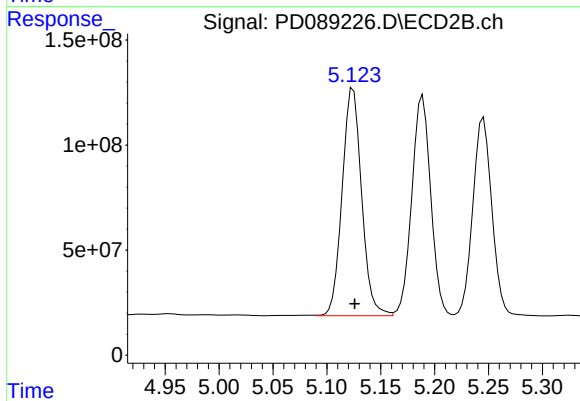
#9 Endosulfan I

R.T.: 5.245 min
Delta R.T.: -0.002 min
Response: 1160446400
Conc: 55.68 ng/ml



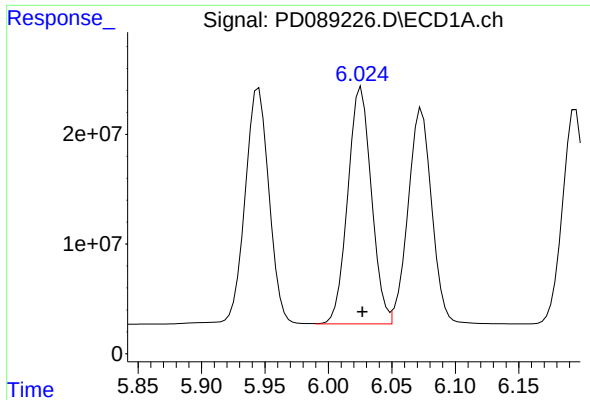
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 283345832
Conc: 59.18 ng/ml



#10 gamma-Chlordane

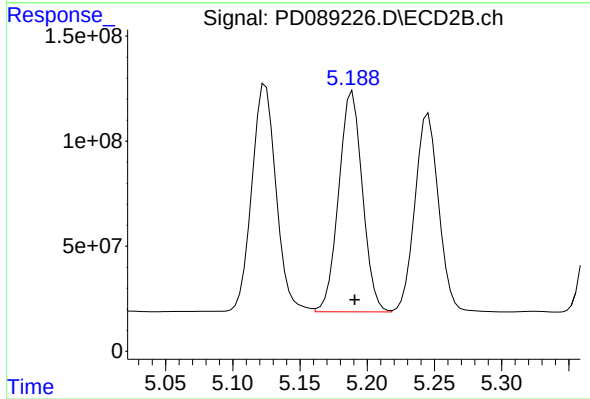
R.T.: 5.124 min
Delta R.T.: -0.001 min
Response: 1366285238
Conc: 57.11 ng/ml



#11 alpha-Chlordane

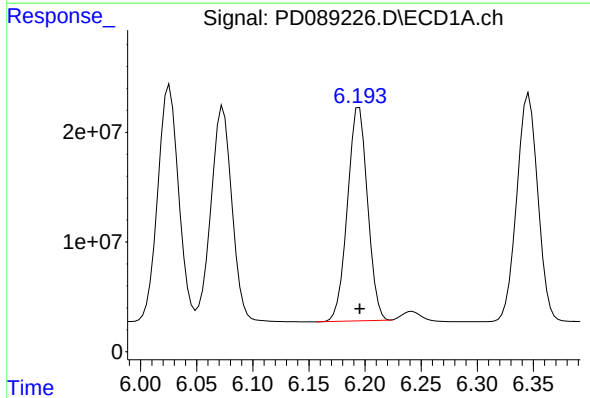
R.T.: 6.026 min
Delta R.T.: -0.001 min
Response: 279356978
Conc: 57.74 ng/ml

Instrument :
ECD_D
ClientSampleId :



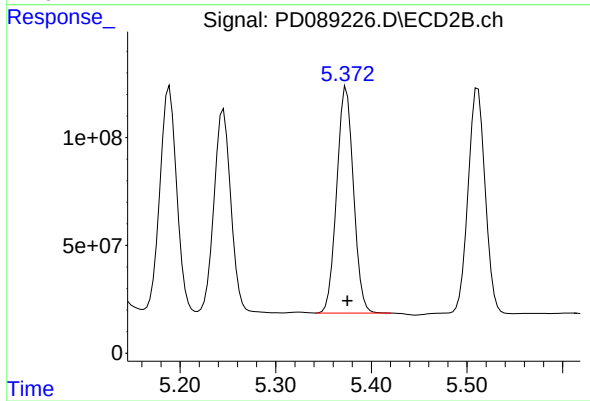
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.002 min
Response: 1284436247
Conc: 56.10 ng/ml



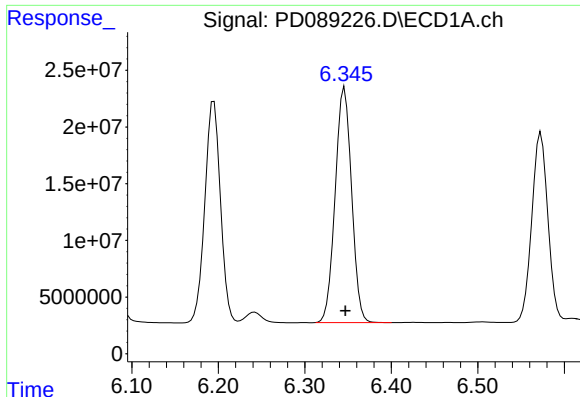
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 242351249
Conc: 55.57 ng/ml



#12 4,4'-DDE

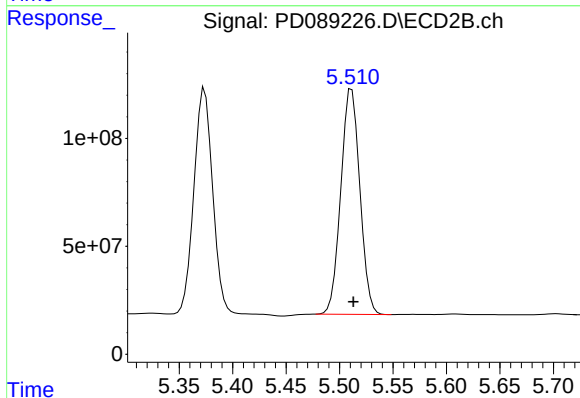
R.T.: 5.374 min
Delta R.T.: -0.001 min
Response: 1277380427
Conc: 55.74 ng/ml



#13 Dieldrin

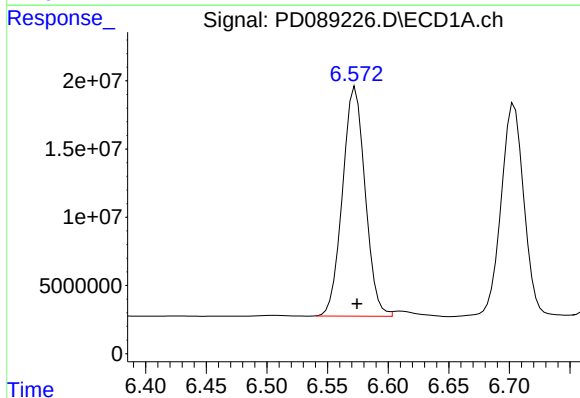
R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 271982549
Conc: 56.69 ng/ml

Instrument :
ECD_D
ClientSampleId :



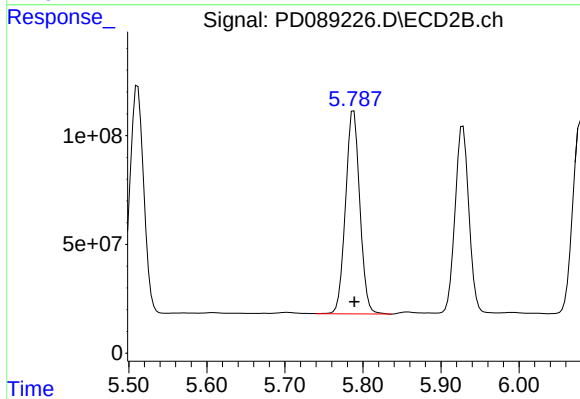
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.002 min
Response: 1297331100
Conc: 55.90 ng/ml



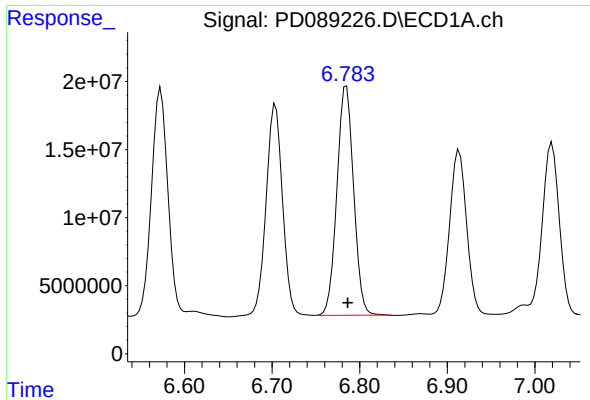
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 218099583
Conc: 52.87 ng/ml



#14 Endrin

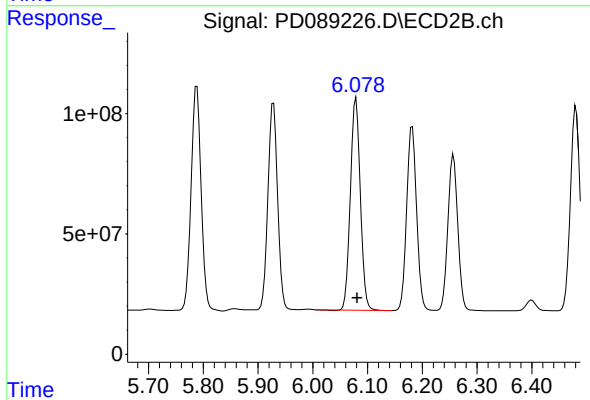
R.T.: 5.788 min
Delta R.T.: 0.000 min
Response: 1187433309
Conc: 54.69 ng/ml



#15 Endosulfan II

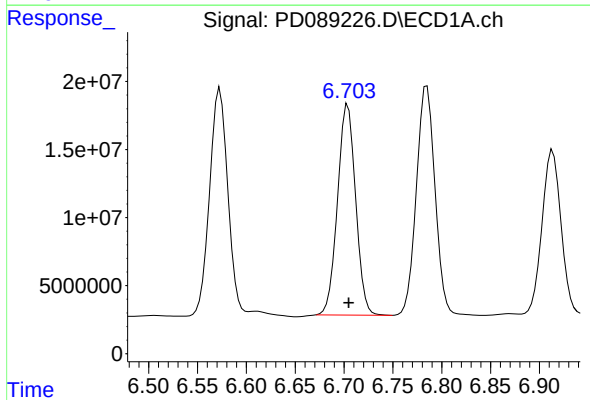
R.T.: 6.785 min
Delta R.T.: -0.001 min
Response: 223616543
Conc: 55.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



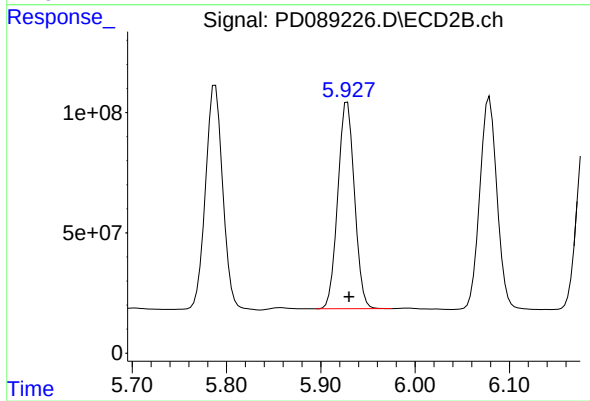
#15 Endosulfan II

R.T.: 6.079 min
Delta R.T.: -0.002 min
Response: 1112322414
Conc: 55.07 ng/ml



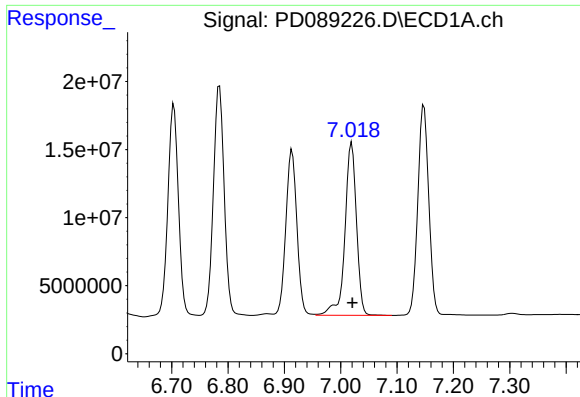
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 199854040
Conc: 58.23 ng/ml



#16 4,4'-DDD

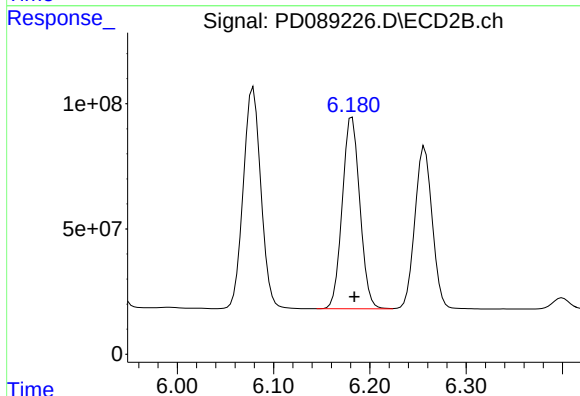
R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 1054056431
Conc: 55.10 ng/ml



#17 4,4'-DDT

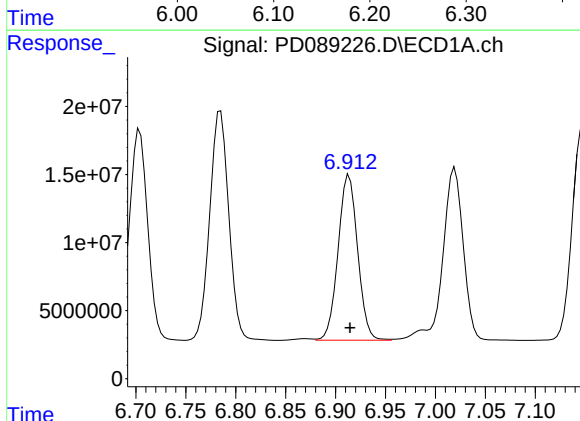
R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 180825793
Conc: 47.73 ng/ml

Instrument :
ECD_D
ClientSampleId :



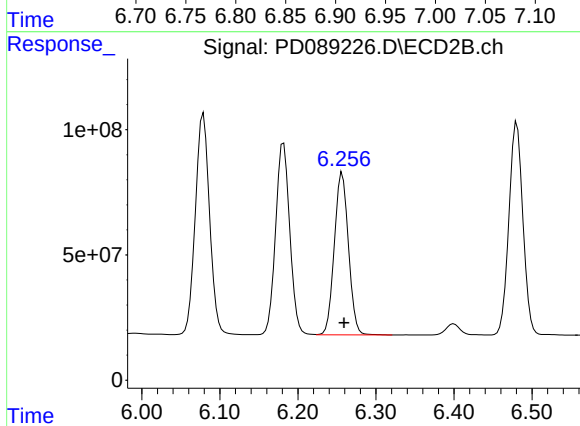
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.003 min
Response: 966854247
Conc: 47.68 ng/ml



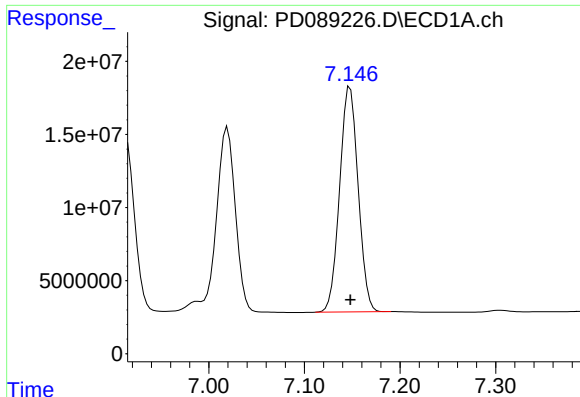
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: -0.001 min
Response: 165602727
Conc: 54.05 ng/ml



#18 Endrin aldehyde

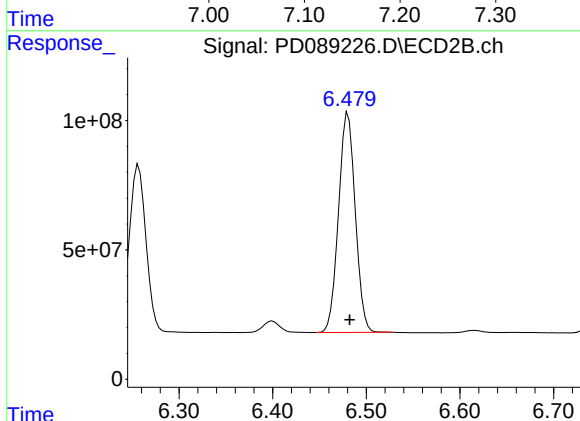
R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 814257034
Conc: 53.18 ng/ml



#19 Endosulfan Sulfate

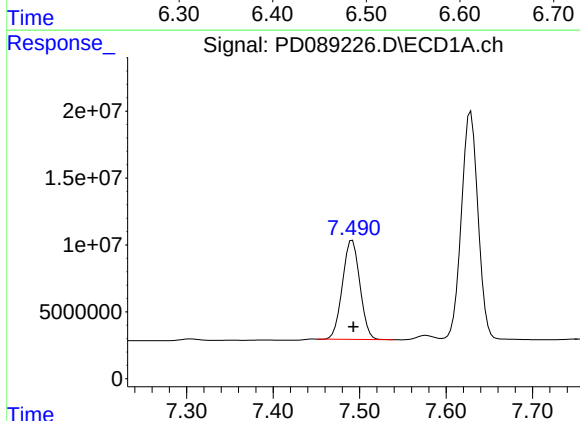
R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 207682935
Conc: 54.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



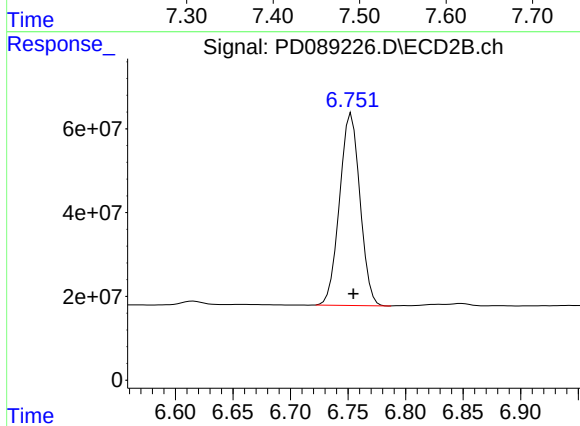
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: -0.002 min
Response: 1056110724
Conc: 53.83 ng/ml



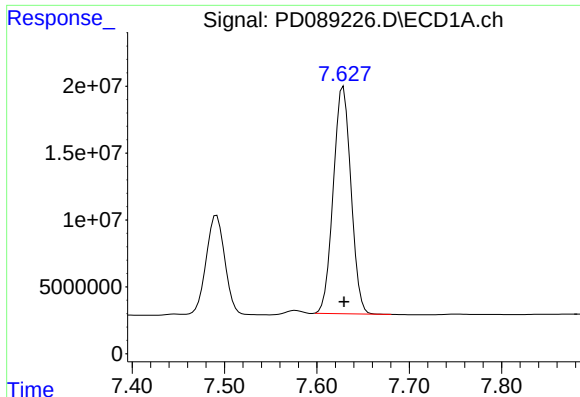
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: -0.001 min
Response: 103089999
Conc: 51.02 ng/ml



#20 Methoxychlor

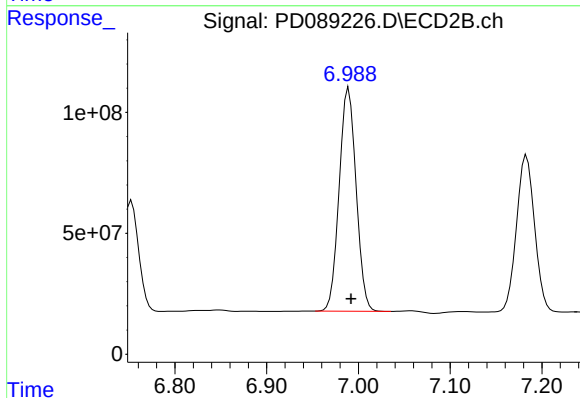
R.T.: 6.753 min
Delta R.T.: -0.002 min
Response: 567646490
Conc: 52.72 ng/ml



#21 Endrin ketone

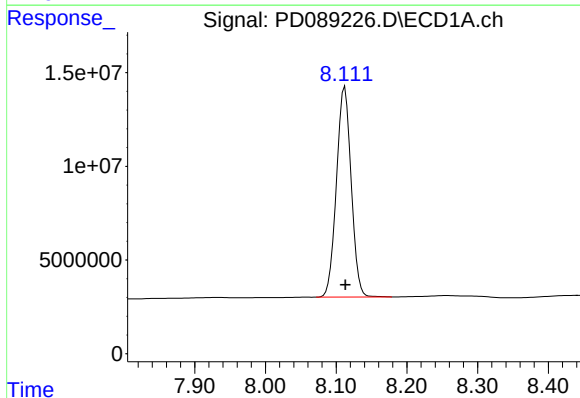
R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 225296653
Conc: 55.31 ng/ml

Instrument :
ECD_D
ClientSampleId :



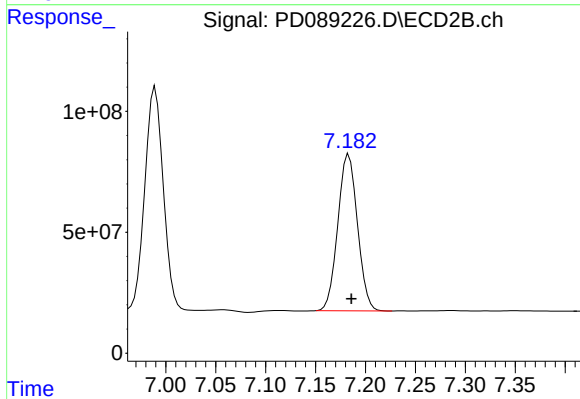
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: -0.003 min
Response: 1184541513
Conc: 54.84 ng/ml



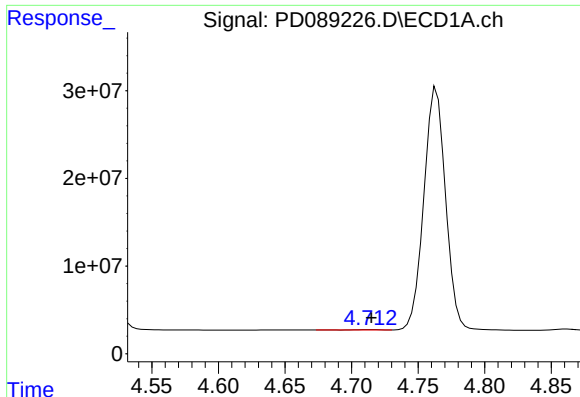
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.001 min
Response: 162345678
Conc: 53.40 ng/ml



#22 Mirex

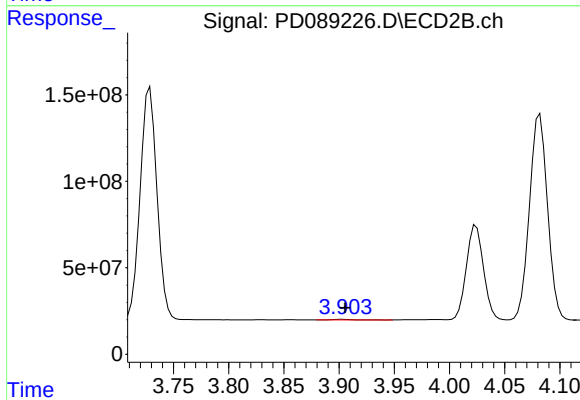
R.T.: 7.183 min
Delta R.T.: -0.002 min
Response: 887887800
Conc: 53.24 ng/ml



#23 Chlordane-1

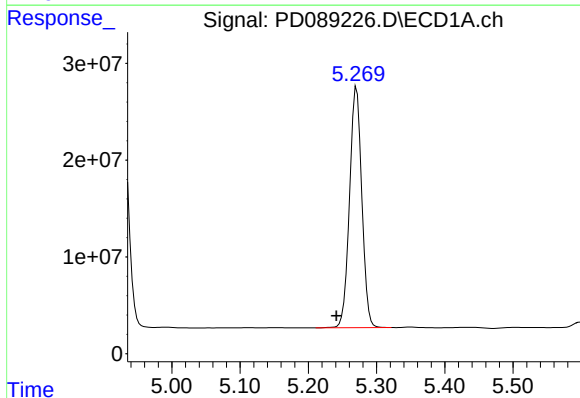
R.T.: 4.713 min
Delta R.T.: -0.002 min
Response: 301923
Conc: 1.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



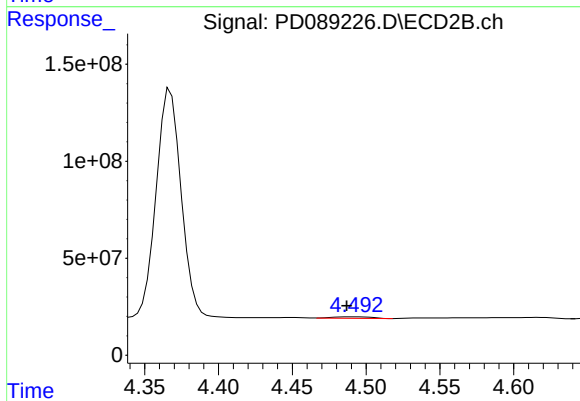
#23 Chlordane-1

R.T.: 3.905 min
Delta R.T.: 0.000 min
Response: 4529414
Conc: 4.86 ng/ml



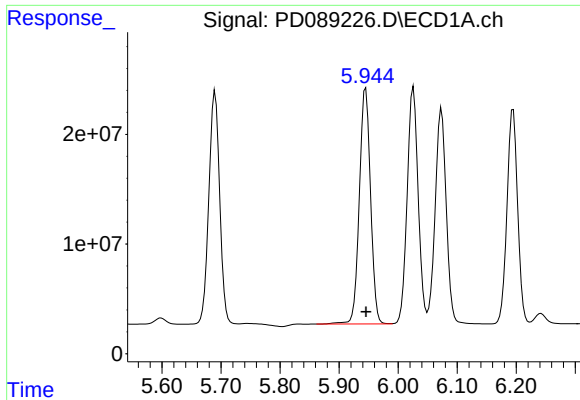
#24 Chlordane-2

R.T.: 5.271 min
Delta R.T.: 0.030 min
Response: 310649580
Conc: 1422.95 ng/ml



#24 Chlordane-2

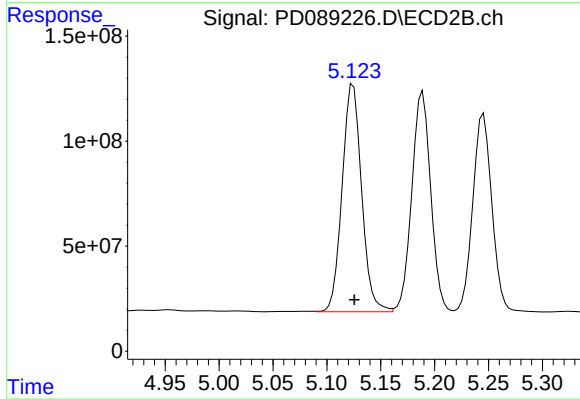
R.T.: 4.490 min
Delta R.T.: 0.003 min
Response: 14719226
Conc: 15.47 ng/ml



#25 Chlordane-3

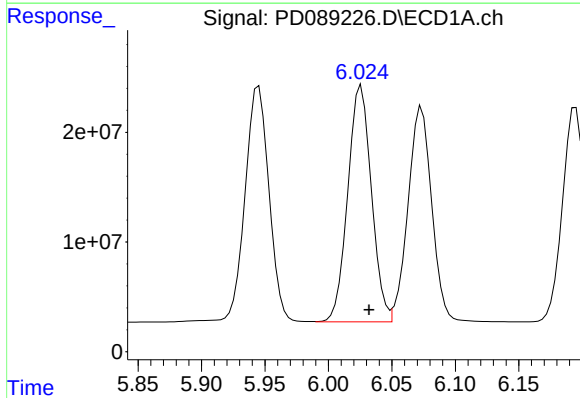
R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 283345832
Conc: 328.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



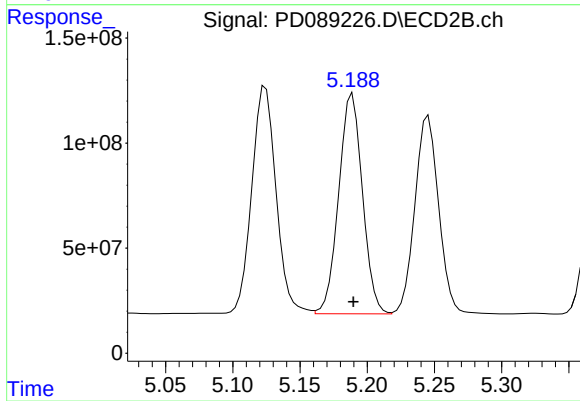
#25 Chlordane-3

R.T.: 5.124 min
Delta R.T.: -0.001 min
Response: 1366285238
Conc: 460.00 ng/ml



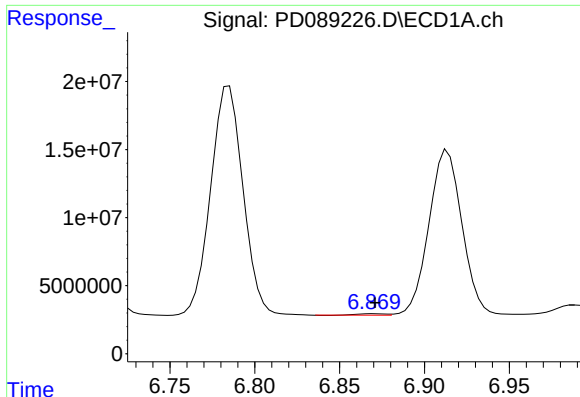
#26 Chlordane-4

R.T.: 6.026 min
Delta R.T.: -0.006 min
Response: 279356978
Conc: 265.88 ng/ml



#26 Chlordane-4

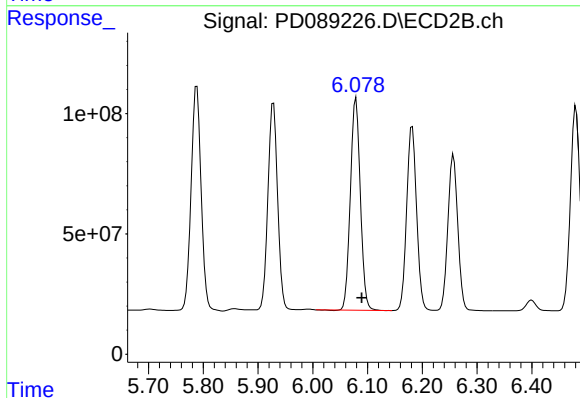
R.T.: 5.189 min
Delta R.T.: 0.000 min
Response: 1284436247
Conc: 512.40 ng/ml



#27 Chlordane-5

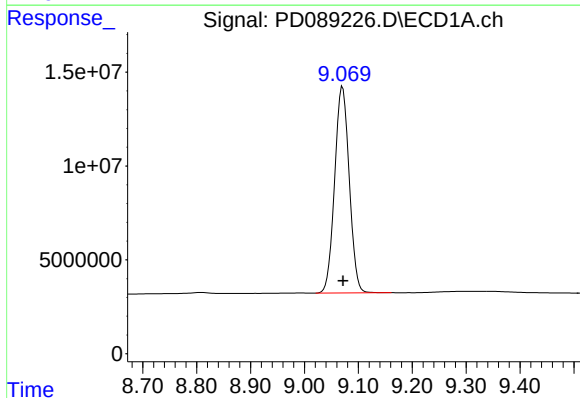
R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 1153621
Conc: 6.31 ng/ml

Instrument :
ECD_D
ClientSampleId :



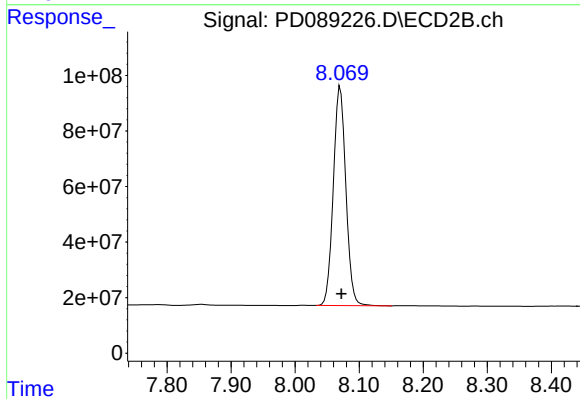
#27 Chlordane-5

R.T.: 6.079 min
Delta R.T.: -0.011 min
Response: 1112322414
Conc: 982.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: -0.001 min
Response: 206641532
Conc: 52.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: -0.002 min
Response: 1072743113
Conc: 54.26 ng/ml