

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD053125\
 Data File : PD088781.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 May 2025 09:51
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 30 22:48:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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...	3.552	2.881	51387988	358.1E6	23.750	23.674
28)	SA Decachlor...	9.078	8.075	83062477	438.1E6	24.271	23.997
Target Compounds							
2)	A alpha-BHC	4.001	3.393	51786608	293.3E6	10.842	12.270
3)	MA gamma-BHC...	4.332	3.730	51561648	272.0E6	11.202	12.271
4)	MA Heptachlor	4.943	4.083	870970	1426201	0.195	0.064 #
5)	MB Aldrin	5.256f	4.366	764085	860445	0.174	0.039 #
6)	B beta-BHC	4.517	4.026	21521486	104.1E6	11.935	10.681
7)	B delta-BHC	4.779	4.256	1684532	650241	0.399	0.029 #
8)	B Heptachlo...	5.684	4.876	1422045	9318089	0.358	0.469 #
9)	A Endosulfan I	0.000	5.232f	0	9855157	N.D.	0.519 #
10)	B gamma-Chl...	5.948	5.127	702762	20506559	0.176	0.961 #
11)	B alpha-Chl...	6.036	5.190	788776	30581546	0.197	1.483 #
12)	B 4,4'-DDE	0.000	5.379	0	18209051	N.D.	0.871 #
13)	MA Dieldrin	6.369f	5.512	418597	1119534	0.104	0.053 #
14)	MA Endrin	6.578	5.791	205.9E6	1065.0E6	60.288	55.227
15)	B Endosulfa...	6.777	6.089	1165516	12260967	0.338	0.669 #
16)	A 4,4'-DDD	6.708	5.932	6696915	23688867	2.405	1.362 #
17)	MA 4,4'-DDT	7.024	6.185	360.4E6	1963.4E6	115.425	108.254
18)	B Endrin al...	6.920	6.259	841833	15604982	0.327	1.120 #
20)	A Methoxychlor	7.497	6.756	438.2E6	2045.6E6	262.319	213.647
21)	B Endrin ke...	7.634	6.993	1018926	17175223	0.298	0.888 #
22)	Mirex	0.000	7.178	0	6357477	N.D.	0.418 #
23)	Chlordane-1	0.000	3.902	0	1312634	N.D.	1.589 #
24)	Chlordane-2	5.256	4.499	764085	22718067	4.164	26.917 #
25)	Chlordane-3	5.948	5.127	702762	20506559	0.950	7.777 #
26)	Chlordane-4	6.036	5.190	788776	30581546	0.880	13.822 #
27)	Chlordane-5	6.873	6.089	354564	12260967	2.331	12.251 #

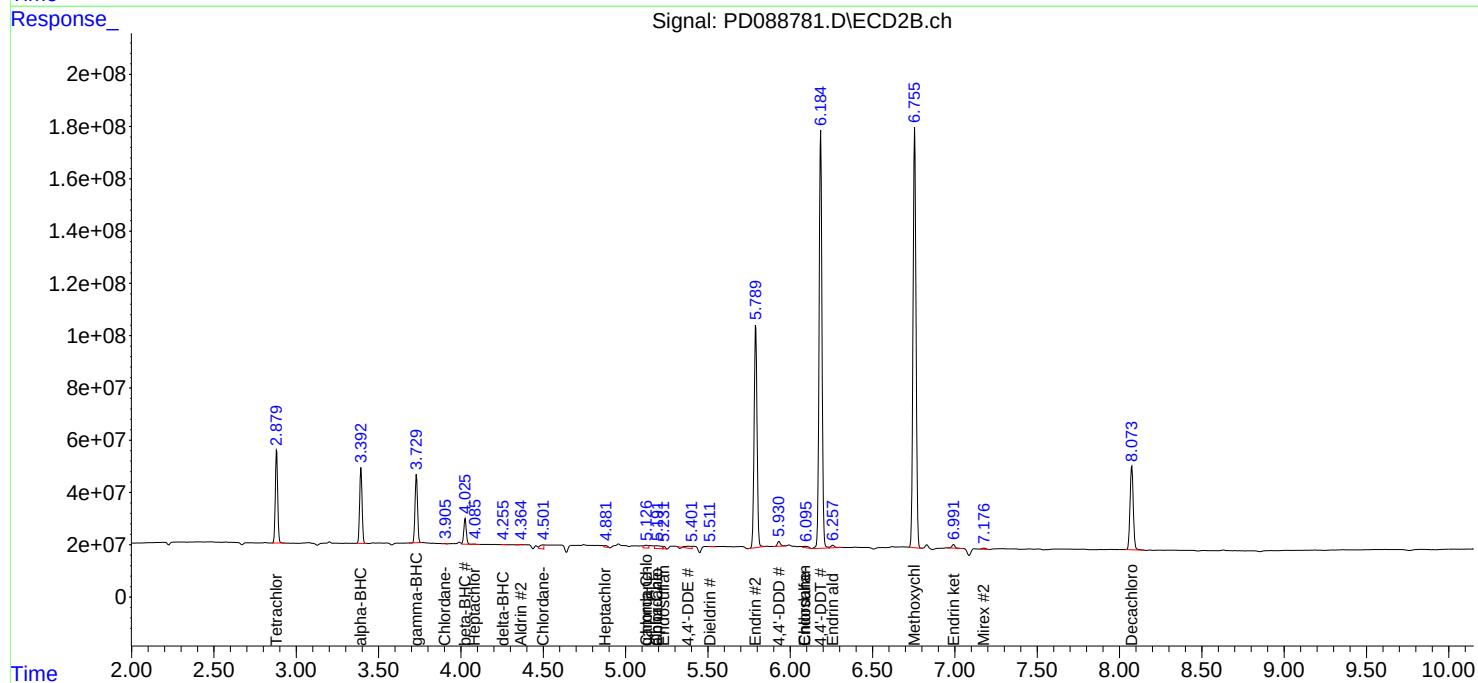
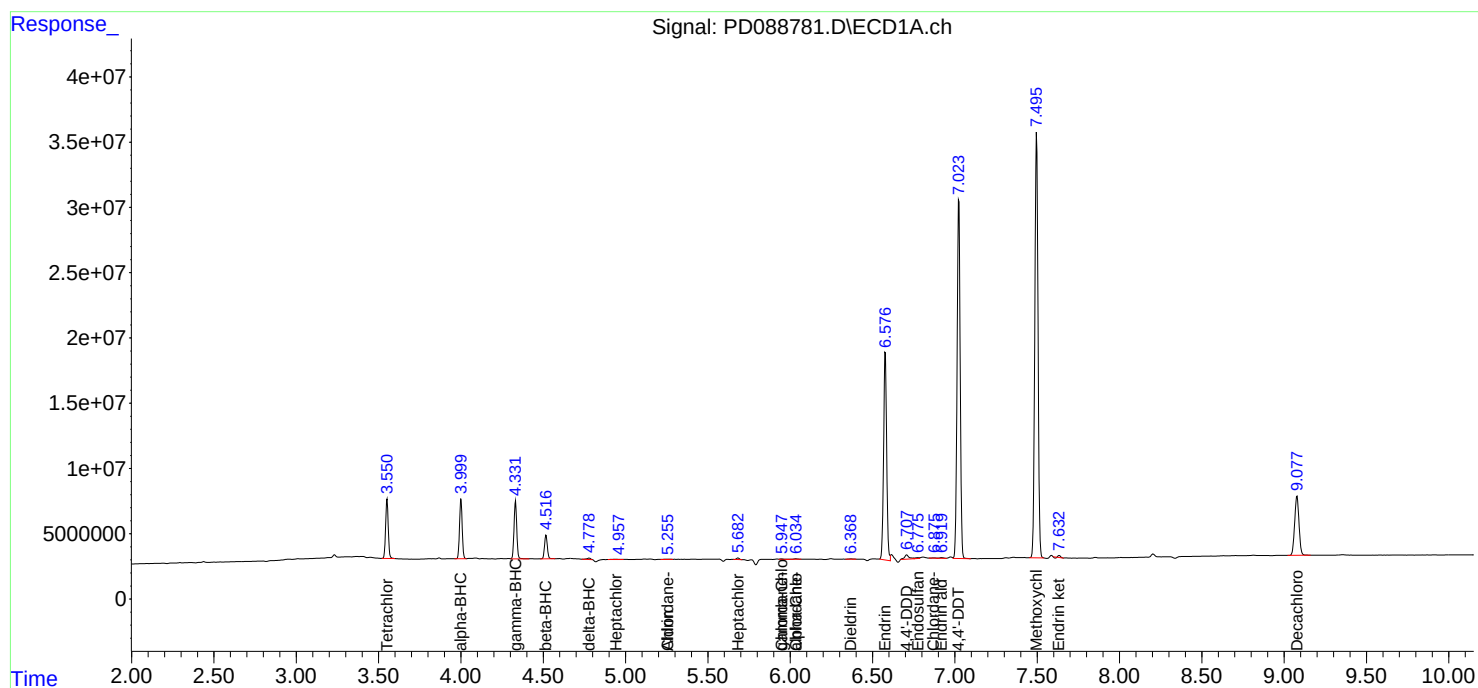
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

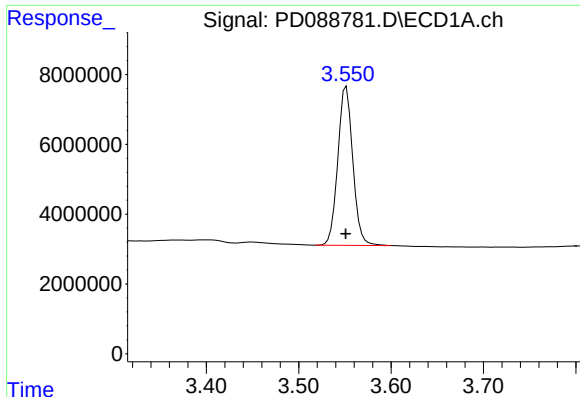
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD053125\
Data File : PD088781.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 May 2025 09:51
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 30 22:48:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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

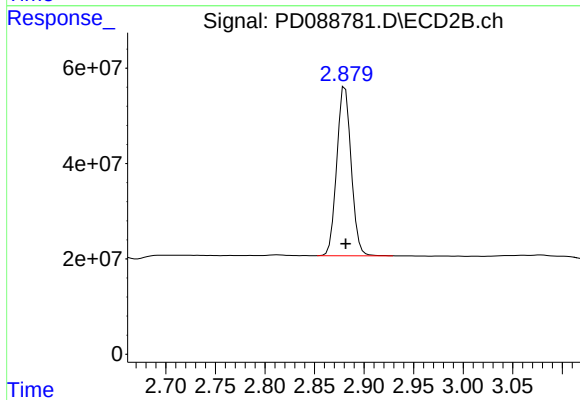




#1 Tetrachloro-m-xylene

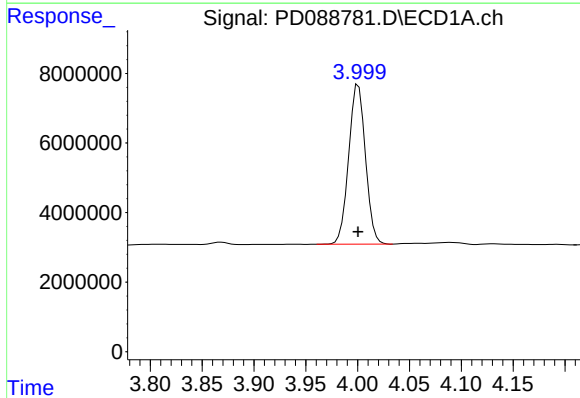
R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 51387988
Conc: 23.75 ng/ml

Instrument :
ECD_D
ClientSampleId :



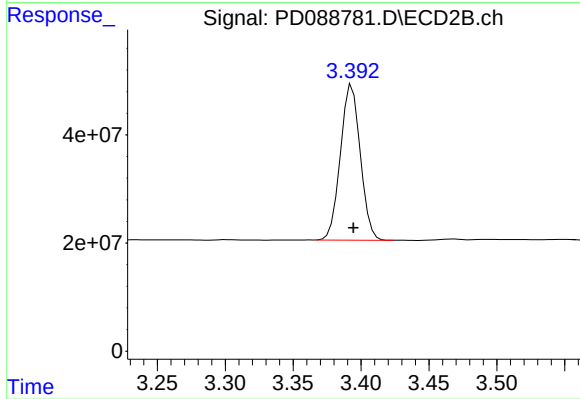
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 358108422
Conc: 23.67 ng/ml



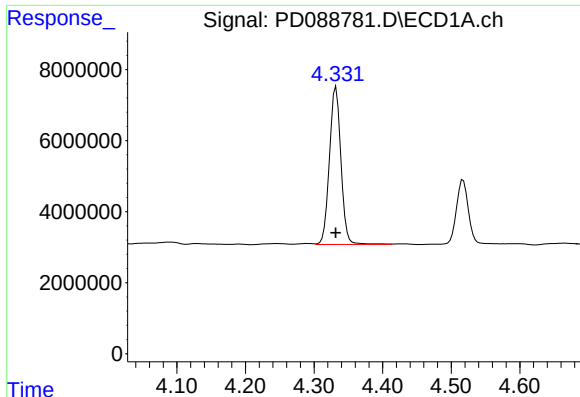
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 51786608
Conc: 10.84 ng/ml



#2 alpha-BHC

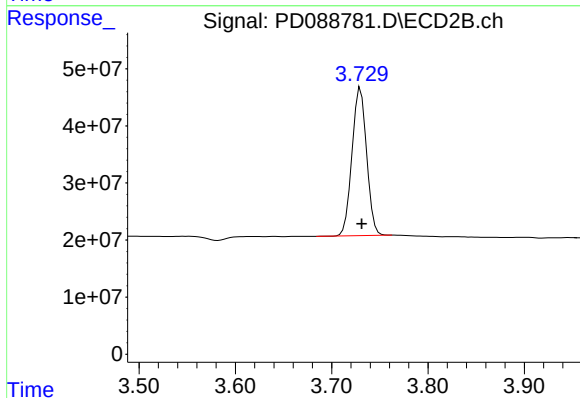
R.T.: 3.393 min
Delta R.T.: -0.001 min
Response: 293289058
Conc: 12.27 ng/ml



#3 gamma-BHC (Lindane)

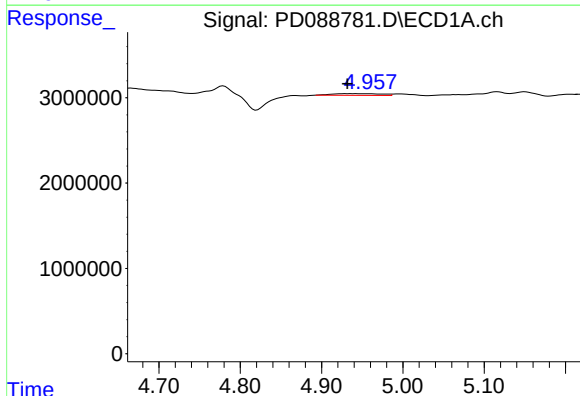
R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 51561648
Conc: 11.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



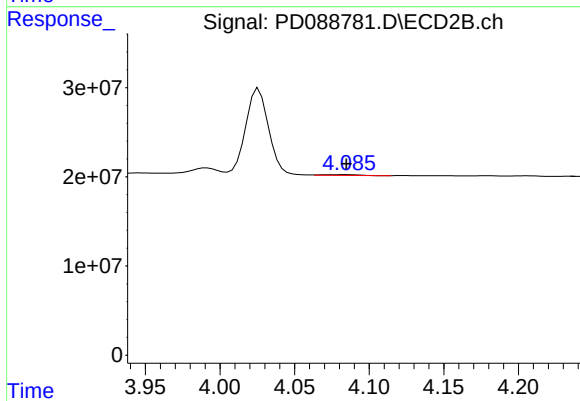
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: -0.002 min
Response: 271987068
Conc: 12.27 ng/ml



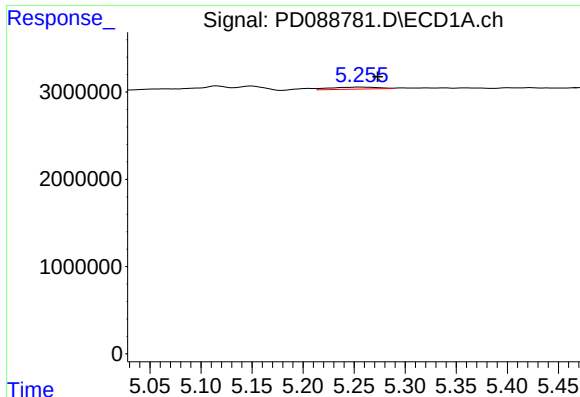
#4 Heptachlor

R.T.: 4.943 min
Delta R.T.: 0.012 min
Response: 870970
Conc: 0.19 ng/ml



#4 Heptachlor

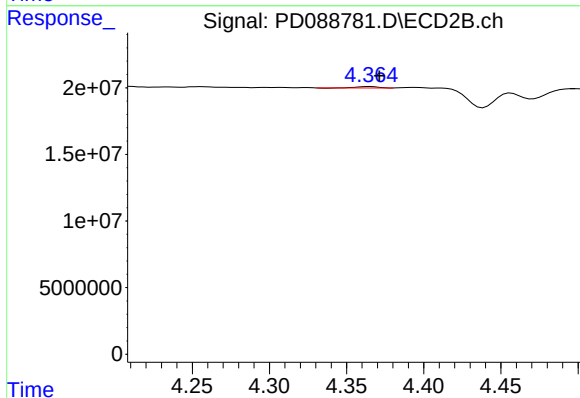
R.T.: 4.083 min
Delta R.T.: -0.001 min
Response: 1426201
Conc: 0.06 ng/ml



#5 Aldrin

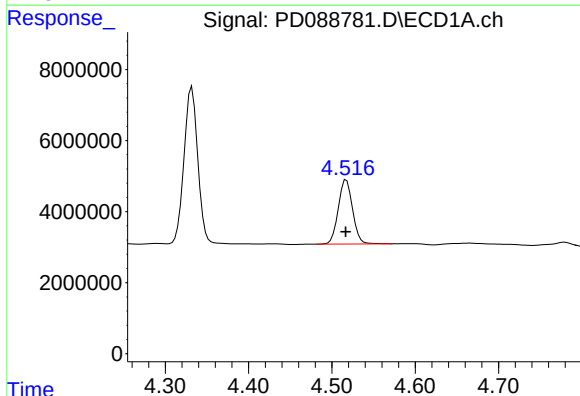
R.T.: 5.256 min
Delta R.T.: -0.017 min
Response: 764085
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



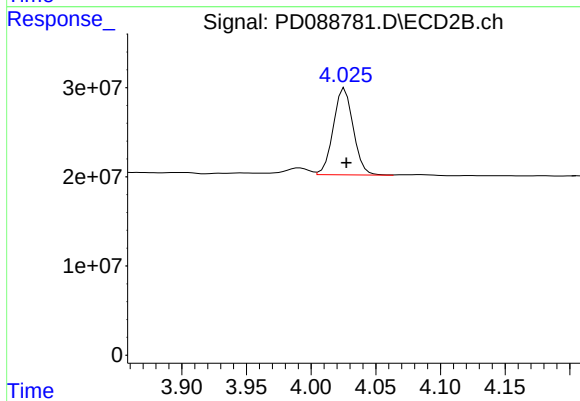
#5 Aldrin

R.T.: 4.366 min
Delta R.T.: -0.006 min
Response: 860445
Conc: 0.04 ng/ml



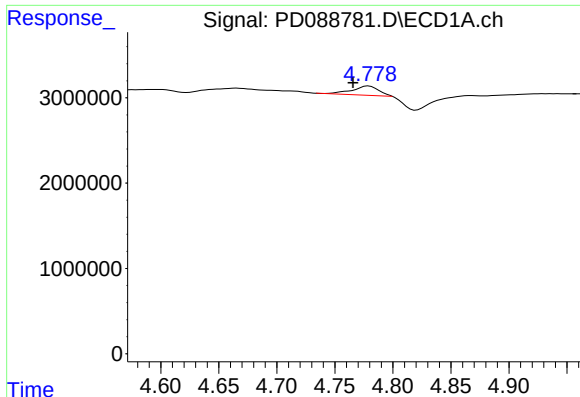
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 21521486
Conc: 11.94 ng/ml



#6 beta-BHC

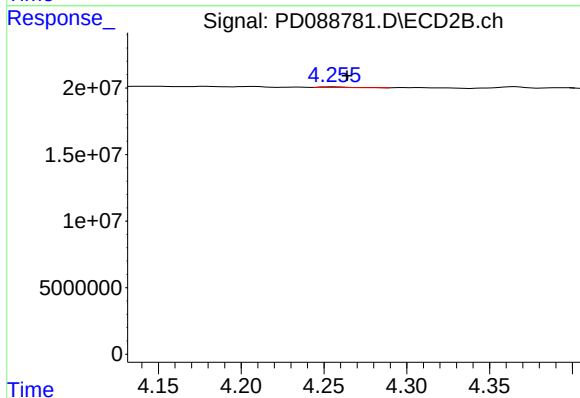
R.T.: 4.026 min
Delta R.T.: -0.001 min
Response: 104052651
Conc: 10.68 ng/ml



#7 delta-BHC

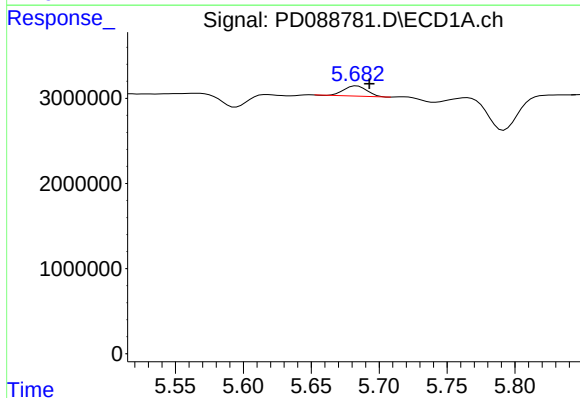
R.T.: 4.779 min
Delta R.T.: 0.014 min
Response: 1684532
Conc: 0.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



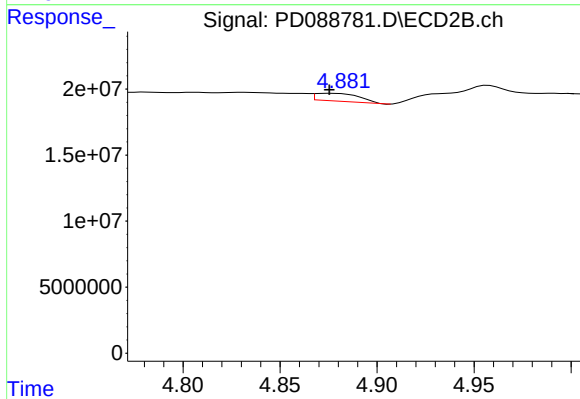
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: -0.008 min
Response: 650241
Conc: 0.03 ng/ml



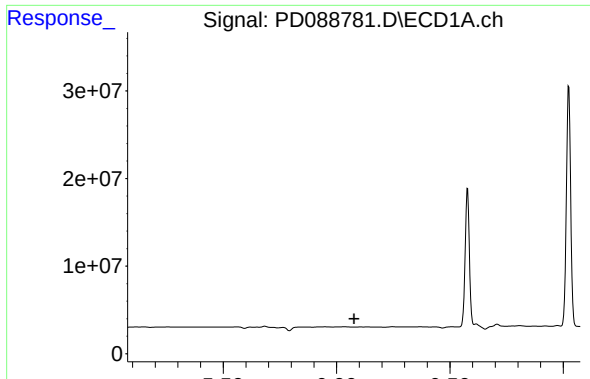
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.009 min
Response: 1422045
Conc: 0.36 ng/ml



#8 Heptachlor epoxide

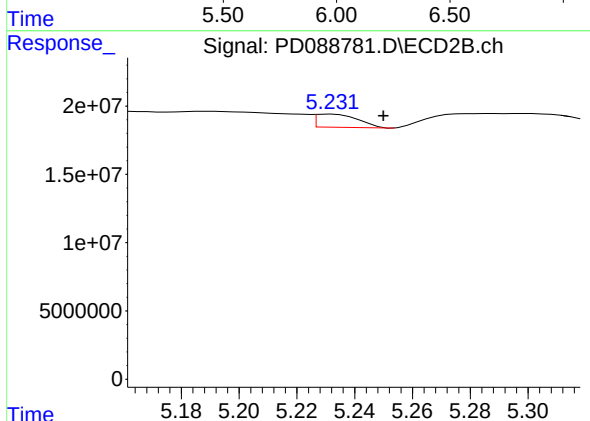
R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 9318089
Conc: 0.47 ng/ml



#9 Endosulfan I

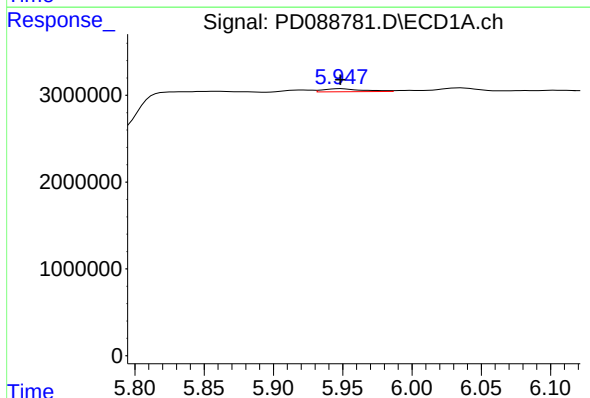
R.T.: 0.000 min
Exp R.T.: 6.077 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



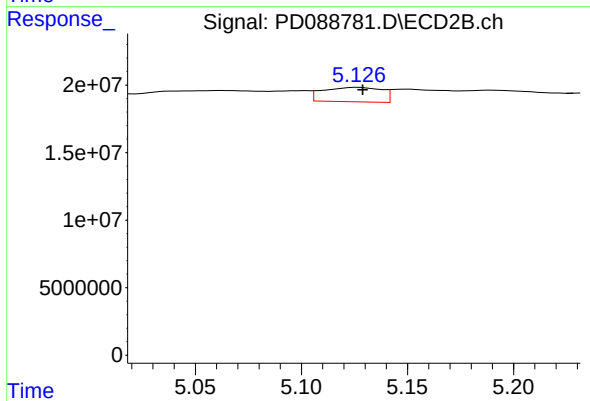
#9 Endosulfan I

R.T.: 5.232 min
Delta R.T.: -0.018 min
Response: 9855157
Conc: 0.52 ng/ml



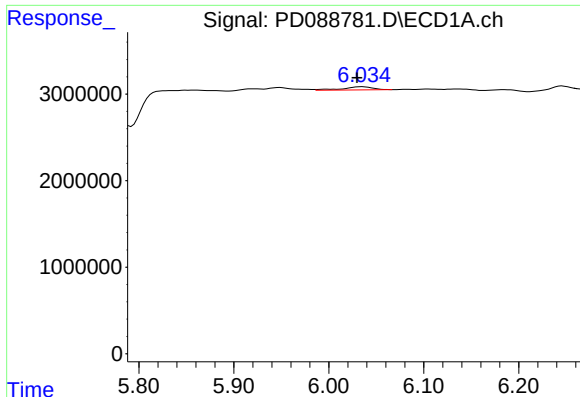
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 702762
Conc: 0.18 ng/ml



#10 gamma-Chlordane

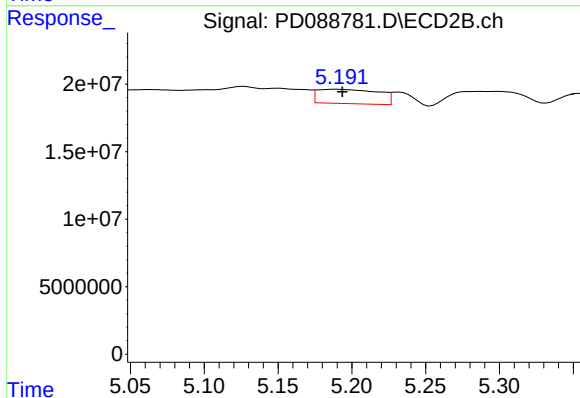
R.T.: 5.127 min
Delta R.T.: -0.002 min
Response: 20506559
Conc: 0.96 ng/ml



#11 alpha-Chlordane

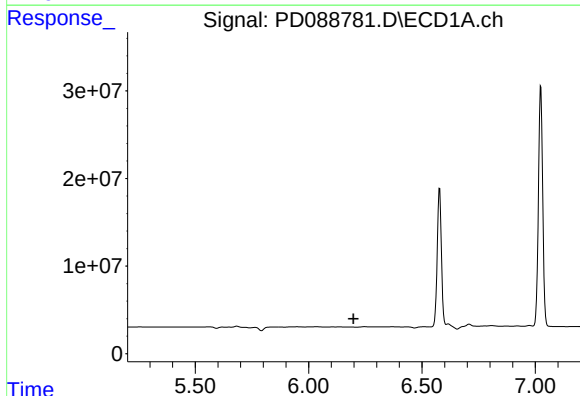
R.T.: 6.036 min
Delta R.T.: 0.006 min
Response: 788776
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



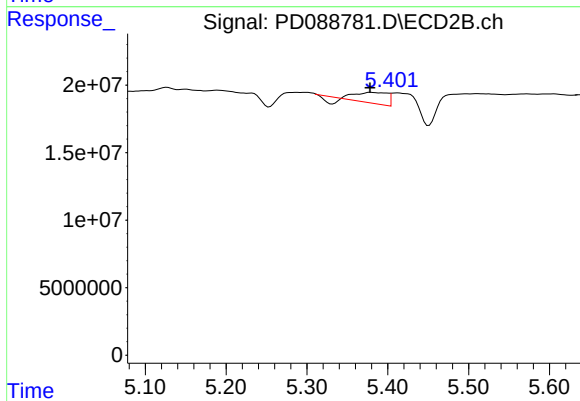
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: -0.004 min
Response: 30581546
Conc: 1.48 ng/ml



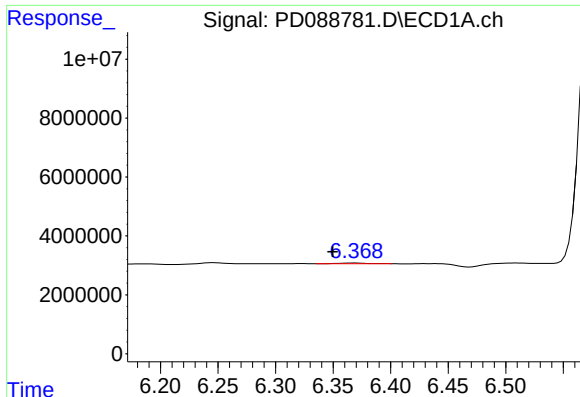
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.198 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

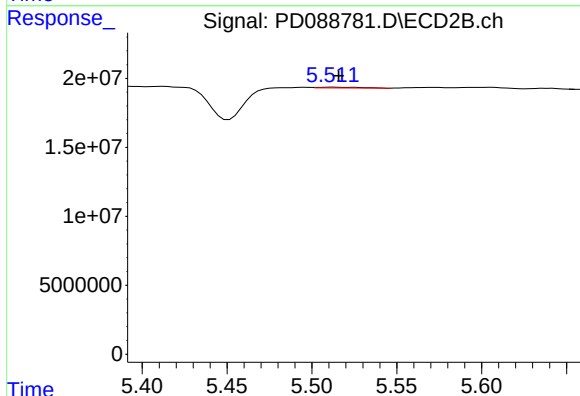
R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 18209051
Conc: 0.87 ng/ml



#13 Dieldrin

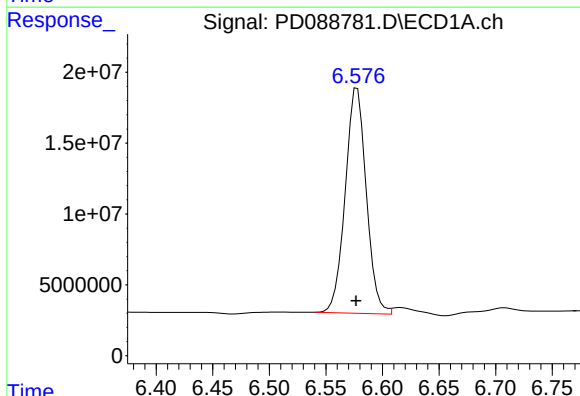
R.T.: 6.369 min
Delta R.T.: 0.020 min
Response: 418597
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



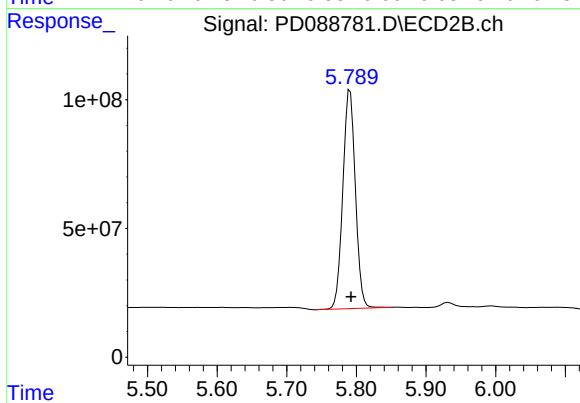
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: -0.004 min
Response: 1119534
Conc: 0.05 ng/ml



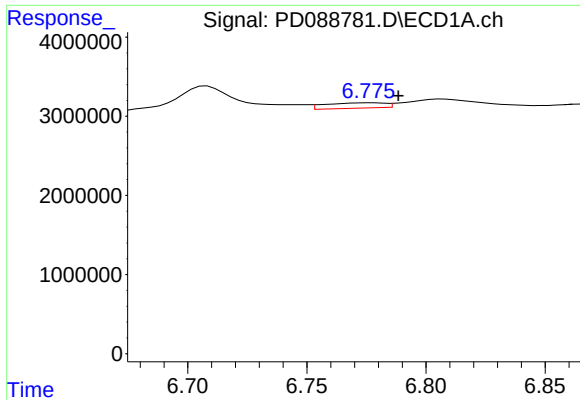
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.001 min
Response: 205893919
Conc: 60.29 ng/ml



#14 Endrin

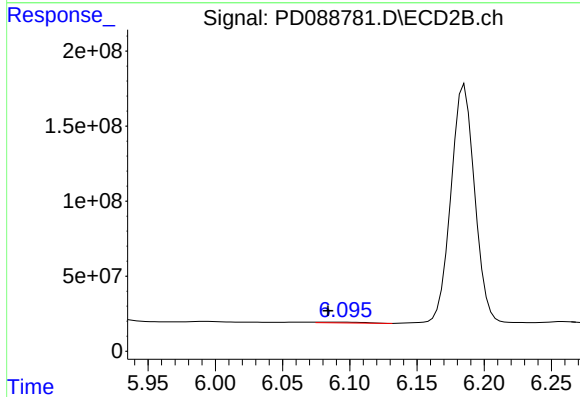
R.T.: 5.791 min
Delta R.T.: -0.001 min
Response: 1065000553
Conc: 55.23 ng/ml



#15 Endosulfan II

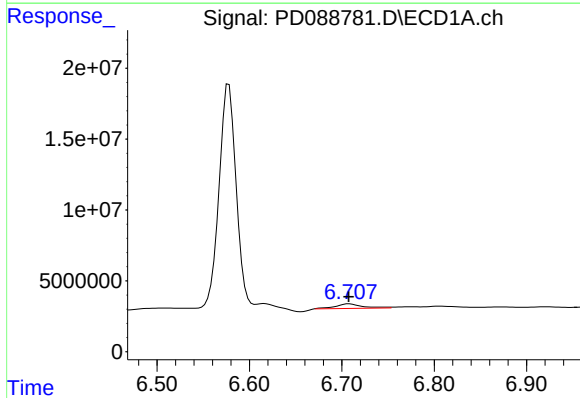
R.T.: 6.777 min
Delta R.T.: -0.012 min
Response: 1165516
Conc: 0.34 ng/ml

Instrument :
ECD_D
ClientSampleId :



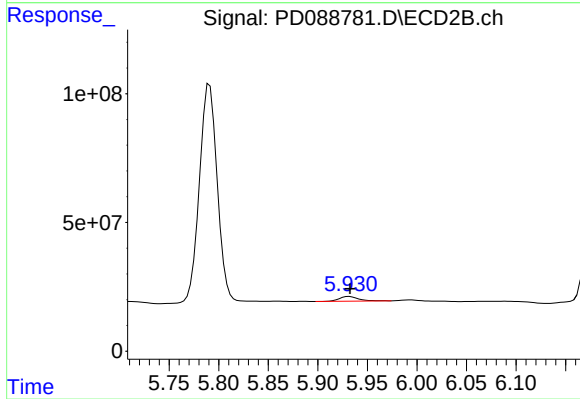
#15 Endosulfan II

R.T.: 6.089 min
Delta R.T.: 0.005 min
Response: 12260967
Conc: 0.67 ng/ml



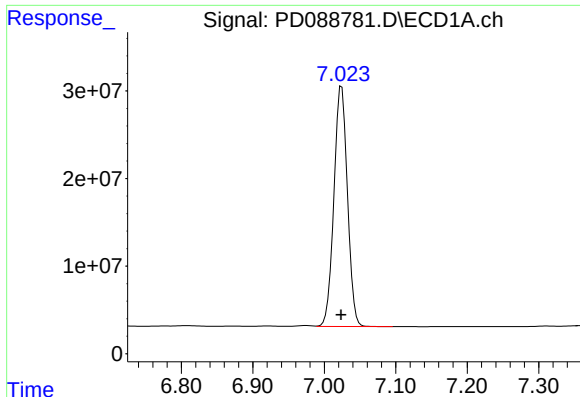
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 6696915
Conc: 2.40 ng/ml



#16 4,4'-DDD

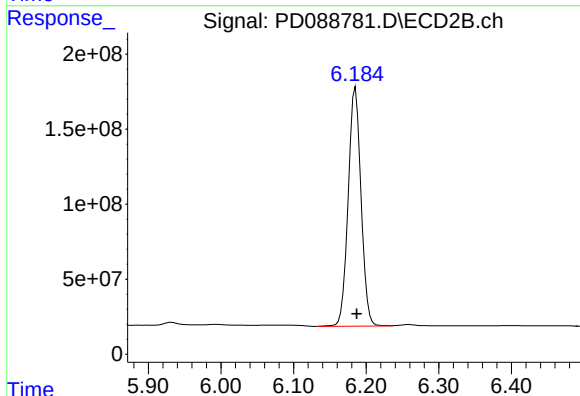
R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 23688867
Conc: 1.36 ng/ml



#17 4,4'-DDT

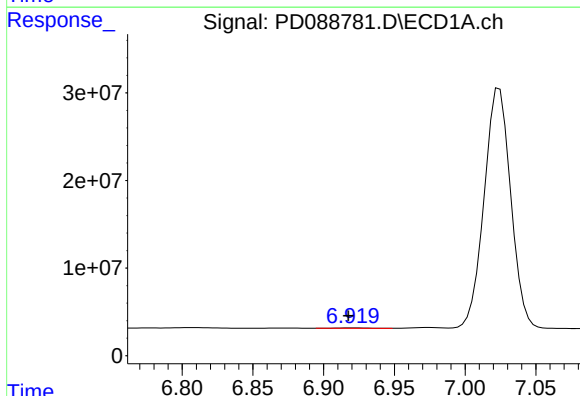
R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 360361530
Conc: 115.42 ng/ml

Instrument :
ECD_D
ClientSampleId :



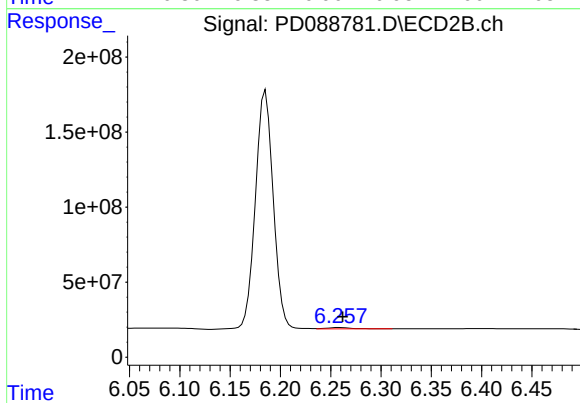
#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 1963433744
Conc: 108.25 ng/ml



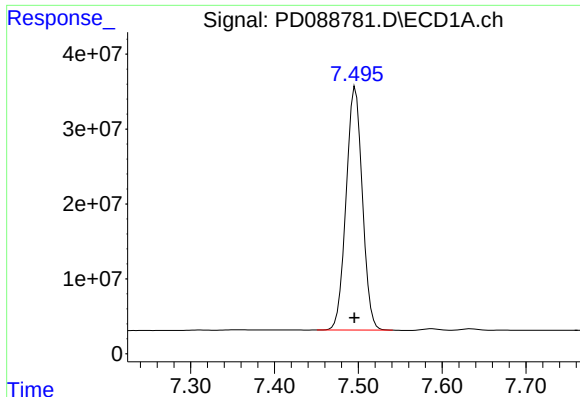
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: 0.003 min
Response: 841833
Conc: 0.33 ng/ml



#18 Endrin aldehyde

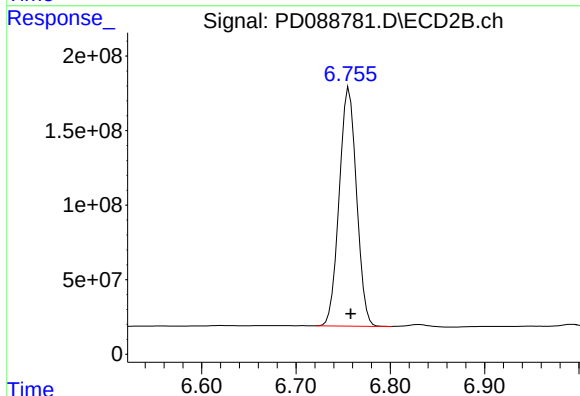
R.T.: 6.259 min
Delta R.T.: -0.003 min
Response: 15604982
Conc: 1.12 ng/ml



#20 Methoxychlor

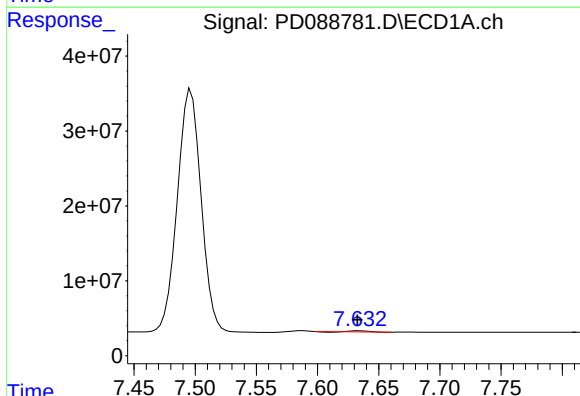
R.T.: 7.497 min
Delta R.T.: 0.001 min
Response: 438217338
Conc: 262.32 ng/ml

Instrument :
ECD_D
ClientSampleId :



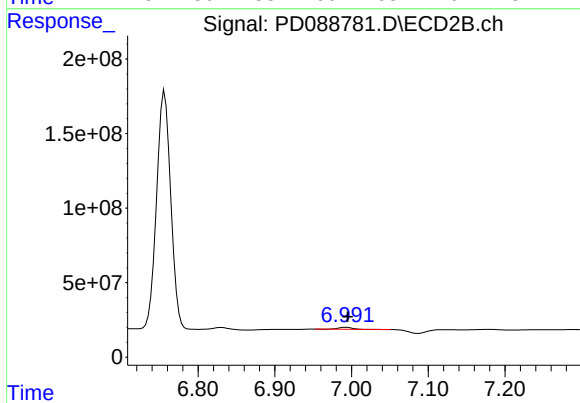
#20 Methoxychlor

R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 2045624911
Conc: 213.65 ng/ml



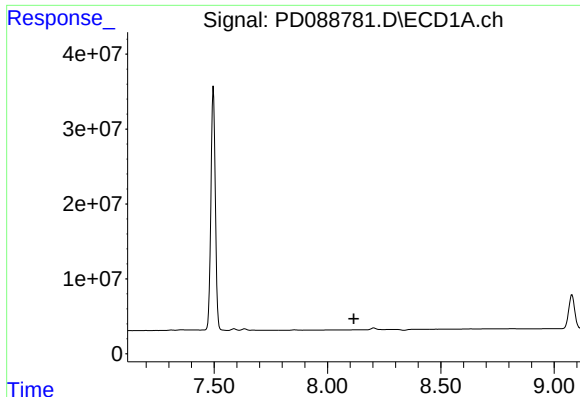
#21 Endrin ketone

R.T.: 7.634 min
Delta R.T.: 0.001 min
Response: 1018926
Conc: 0.30 ng/ml



#21 Endrin ketone

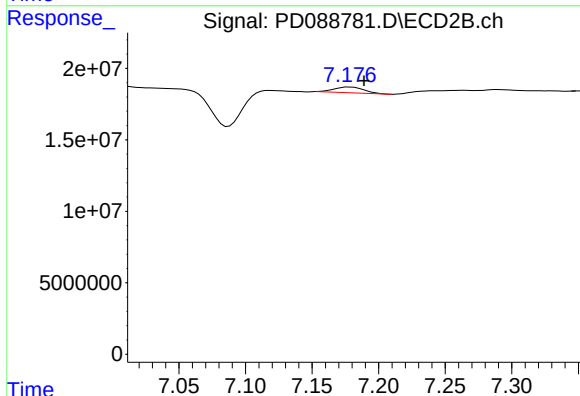
R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 17175223
Conc: 0.89 ng/ml



#22 Mirex

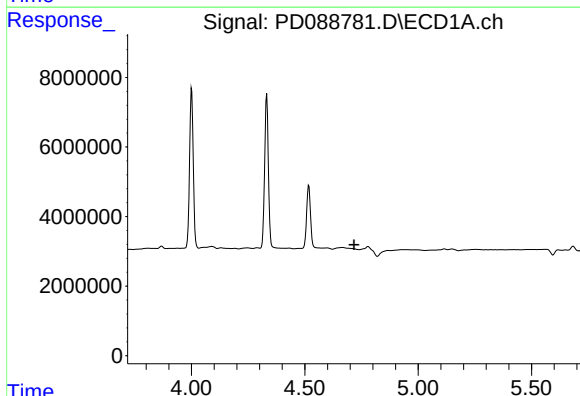
R.T.: 0.000 min
Exp R.T.: 8.117 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



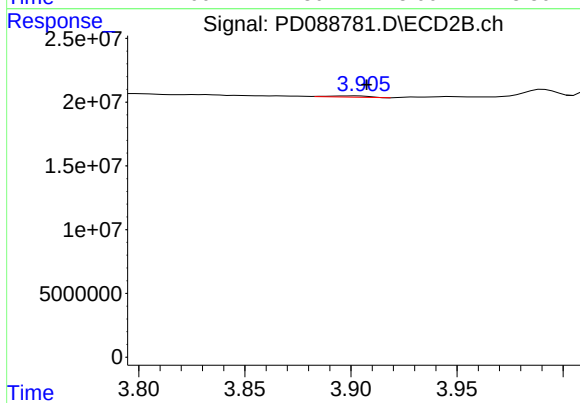
#22 Mirex

R.T.: 7.178 min
Delta R.T.: -0.011 min
Response: 6357477
Conc: 0.42 ng/ml



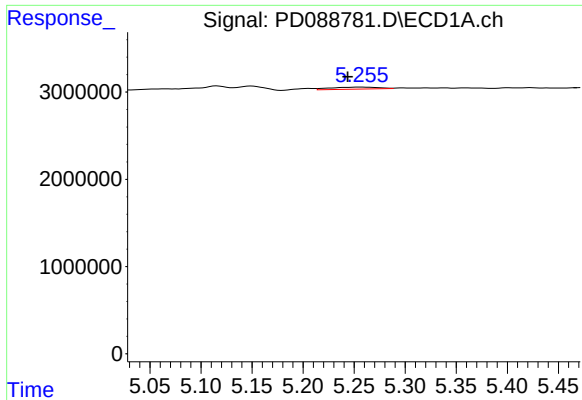
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.



#23 Chlordane-1

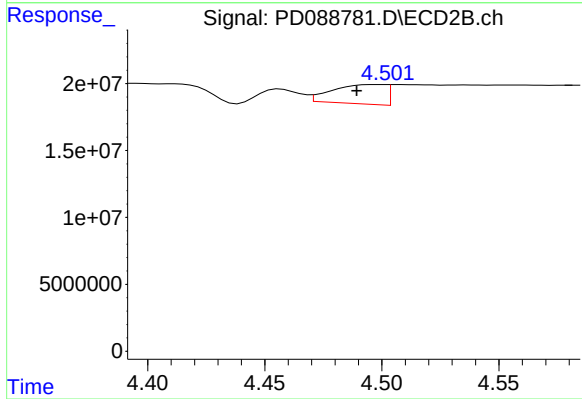
R.T.: 3.902 min
Delta R.T.: -0.005 min
Response: 1312634
Conc: 1.59 ng/ml



#24 Chlordane-2

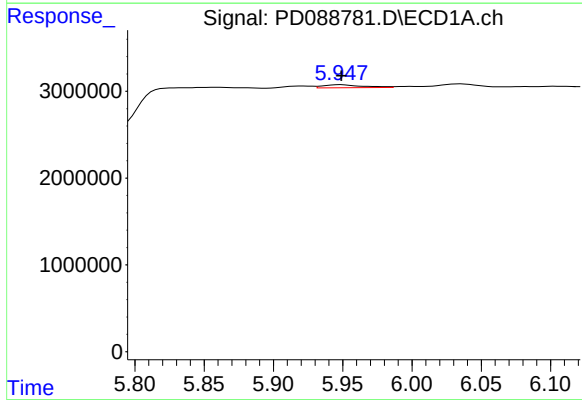
R.T.: 5.256 min
Delta R.T.: 0.013 min
Response: 764085
Conc: 4.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



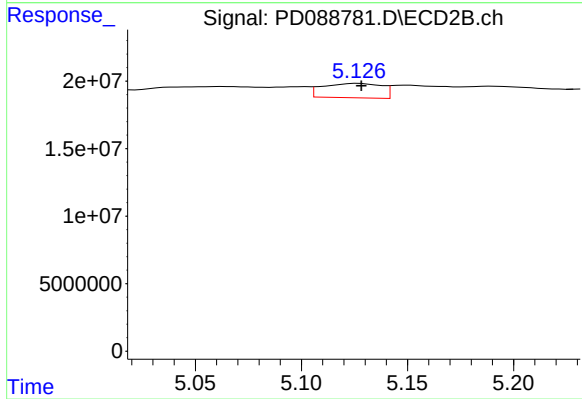
#24 Chlordane-2

R.T.: 4.499 min
Delta R.T.: 0.009 min
Response: 22718067
Conc: 26.92 ng/ml



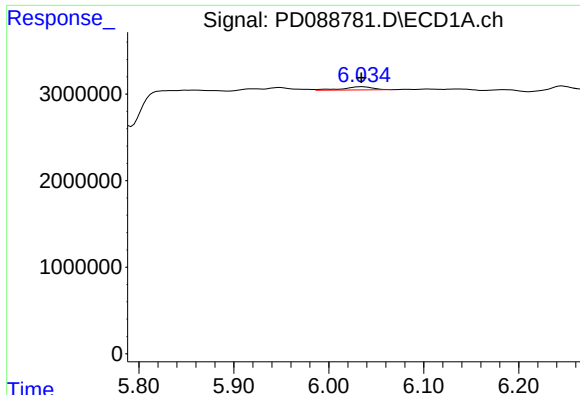
#25 Chlordane-3

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 702762
Conc: 0.95 ng/ml



#25 Chlordane-3

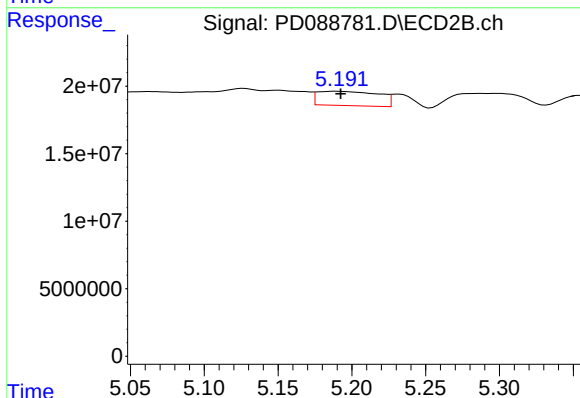
R.T.: 5.127 min
Delta R.T.: -0.001 min
Response: 20506559
Conc: 7.78 ng/ml



#26 Chlordane-4

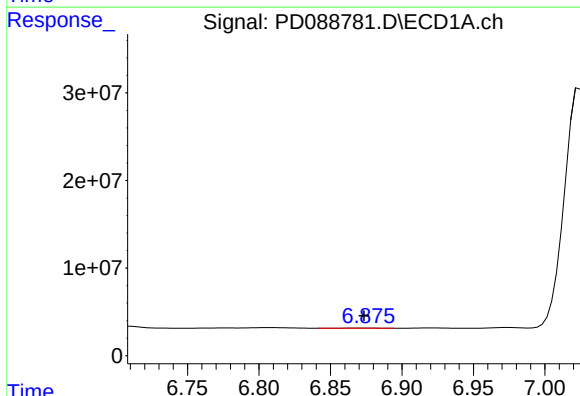
R.T.: 6.036 min
Delta R.T.: 0.001 min
Response: 788776
Conc: 0.88 ng/ml

Instrument :
ECD_D
ClientSampleId :



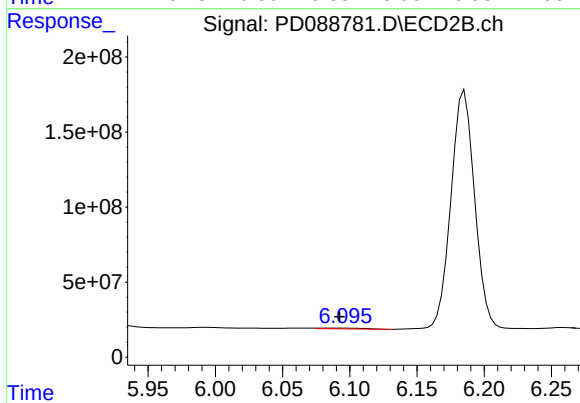
#26 Chlordane-4

R.T.: 5.190 min
Delta R.T.: -0.003 min
Response: 30581546
Conc: 13.82 ng/ml



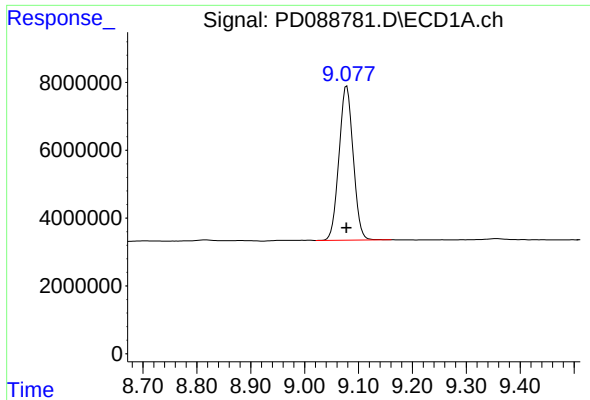
#27 Chlordane-5

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 354564
Conc: 2.33 ng/ml



#27 Chlordane-5

R.T.: 6.089 min
Delta R.T.: -0.003 min
Response: 12260967
Conc: 12.25 ng/ml



#28 Decachlorobiphenyl

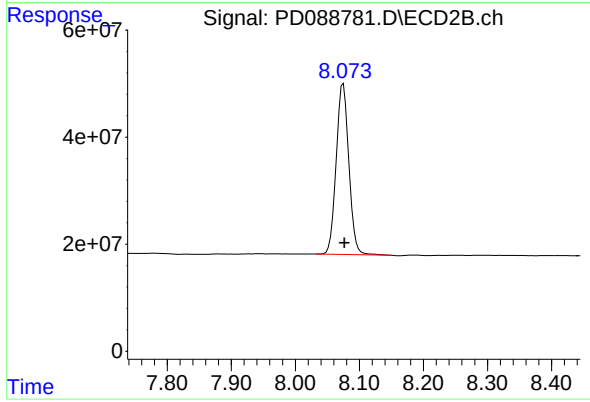
R.T.: 9.078 min

Delta R.T.: 0.000 min

Response: 83062477

Conc: 24.27 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.075 min

Delta R.T.: -0.002 min

Response: 438101861

Conc: 24.00 ng/ml