

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022124\
 Data File : PD081529.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2024 10:39
 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: Feb 20 20:37:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 2024
 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...	3.564	2.793	71256968	130.1E6	50.196	54.388
28)	SA Decachlor...	9.108	7.927	97019589	154.7E6	48.210	58.066
Target Compounds							
2)	A alpha-BHC	4.021	3.294	124.5E6	204.7E6	50.109	53.343
3)	MA gamma-BHC...	4.355	3.623	122.8E6	196.0E6	50.191	52.420
4)	MA Heptachlor	4.947	3.964	121.9E6	178.5E6	49.426	51.775
5)	MB Aldrin	5.290	4.244	122.3E6	189.4E6	49.823	51.998
6)	B beta-BHC	4.549	3.918	50273800	78442960	49.685	50.201
7)	B delta-BHC	4.798	4.149	127.5E6	201.3E6	50.808	53.640
8)	B Heptachlo...	5.716	4.745	116.7E6	167.0E6	52.113	49.869
9)	A Endosulfan I	6.103	5.114	103.2E6	150.8E6	49.744	49.237
10)	B gamma-Chl...	5.973	4.995	110.4E6	165.5E6	50.422	50.585
11)	B alpha-Chl...	6.052	5.059	108.3E6	163.4E6	49.736	49.971
12)	B 4,4'-DDE	6.223	5.247	104.5E6	159.5E6	51.353	52.055
13)	MA Dieldrin	6.378	5.378	109.6E6	170.9E6	49.620	50.247
14)	MA Endrin	6.609	5.654	89840159	148.8E6	48.101	50.197
15)	B Endosulfa...	6.826	5.946	94392069	146.3E6	48.745	50.875
16)	A 4,4'-DDD	6.739	5.800	82247808	134.0E6	50.056	51.059
17)	MA 4,4'-DDT	7.055	6.051	84543918	130.8E6	47.473	49.316
18)	B Endrin al...	6.956	6.126	73196997	112.9E6	48.120	50.076
19)	B Endosulfa...	7.191	6.348	91518470	140.8E6	48.199	50.483
20)	A Methoxychlor	7.529	6.625	46399331	71465726	45.079	45.657
21)	B Endrin ke...	7.677	6.854	104.0E6	166.6E6	49.723	51.626
22)	Mirex	8.153	7.037	76474968	122.1E6	46.366	48.457
23)	Chlordane-1	0.000	3.789	0	209746	N.D.	2.063 #
24)	Chlordane-2	5.290f	4.379	122.3E6	5653007	1477.340	46.120 #
25)	Chlordane-3	5.973	4.995	110.4E6	165.5E6	349.527	493.013 #
26)	Chlordane-4	6.052	5.059	108.3E6	163.4E6	284.432	514.269 #
27)	Chlordane-5	0.000	5.946	0	146.3E6	N.D.	1206.787 #

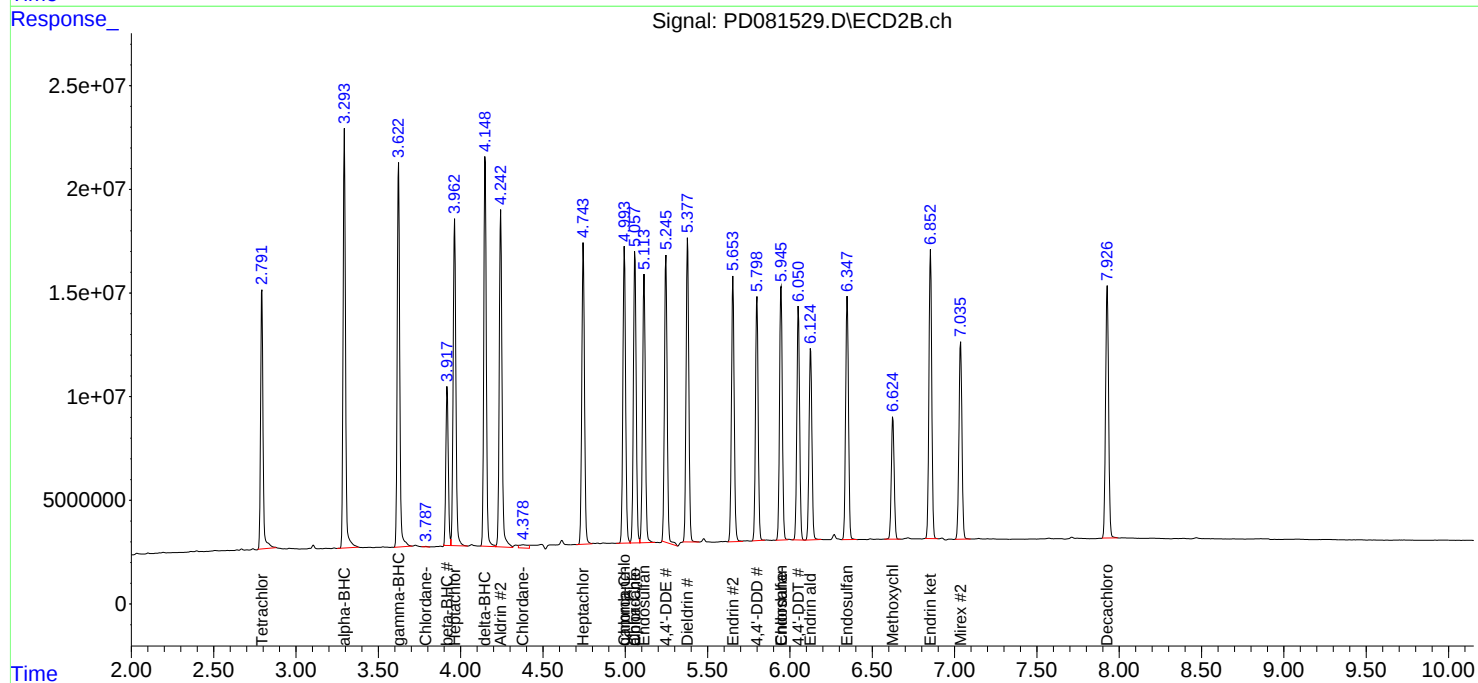
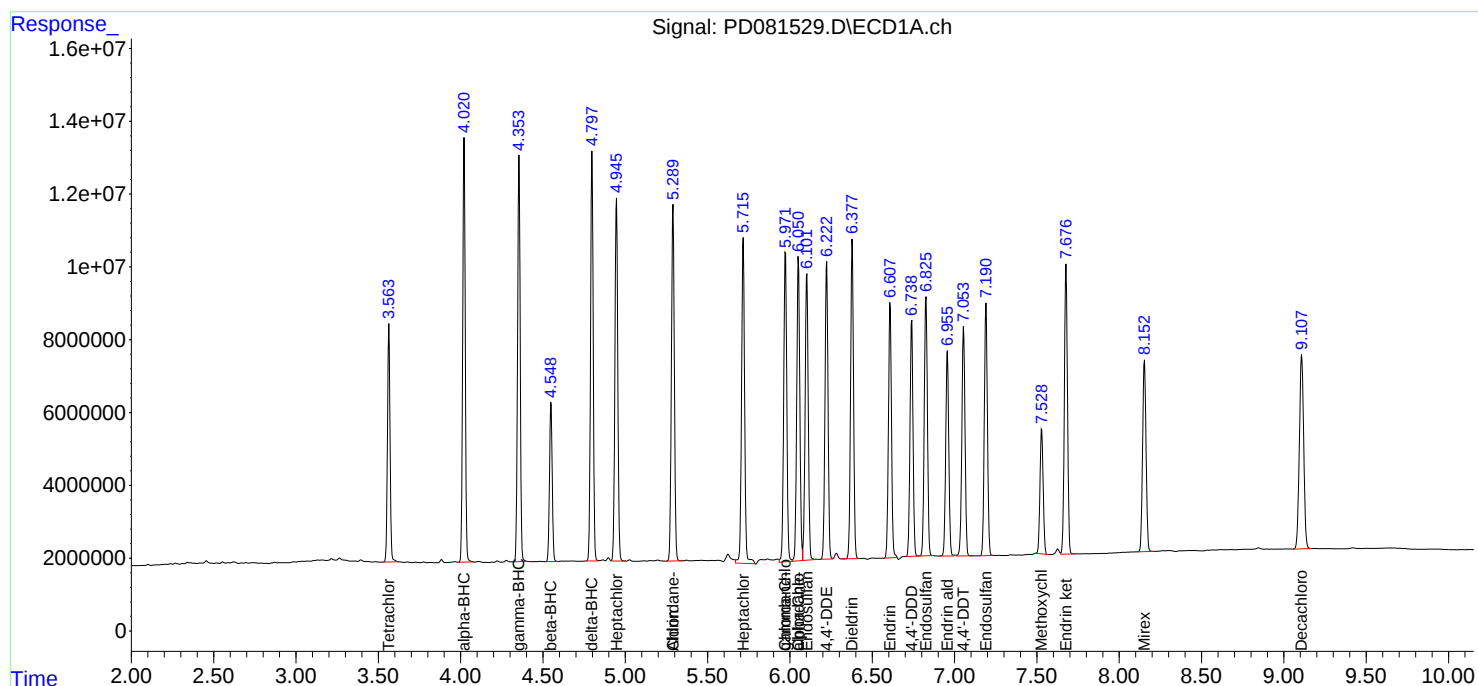
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

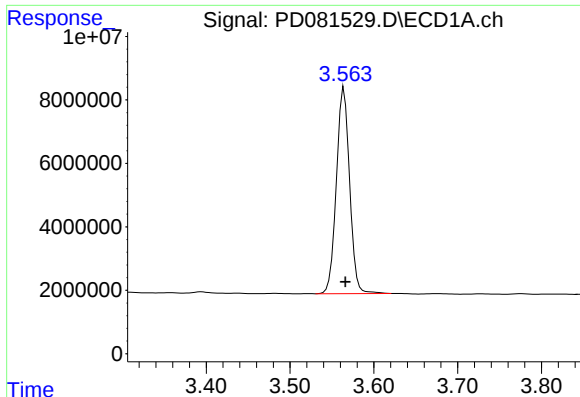
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022124\
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

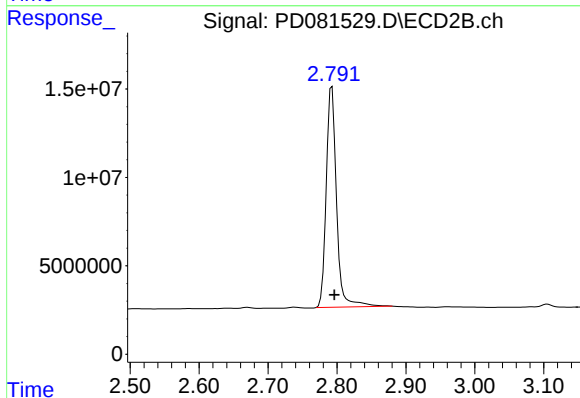




#1 Tetrachloro-m-xylene

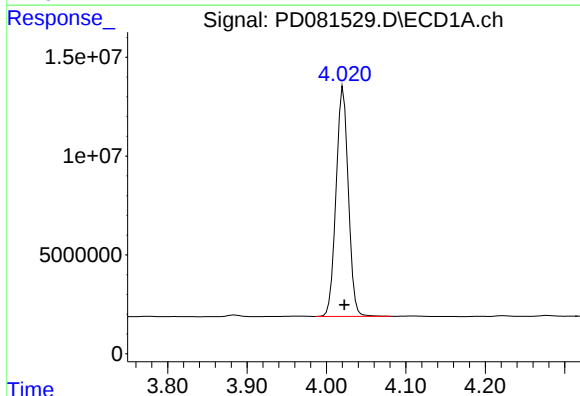
R.T.: 3.564 min
Delta R.T.: -0.002 min
Response: 71256968
Conc: 50.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



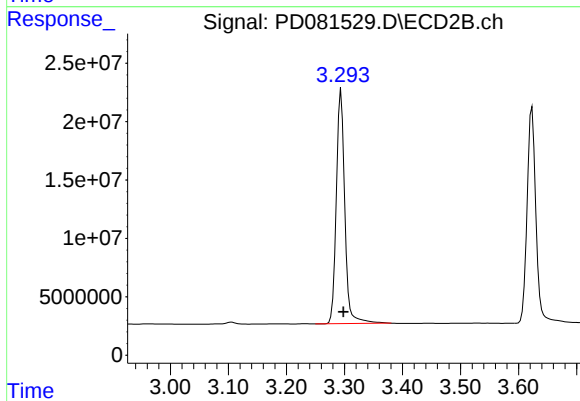
#1 Tetrachloro-m-xylene

R.T.: 2.793 min
Delta R.T.: -0.003 min
Response: 130103863
Conc: 54.39 ng/ml



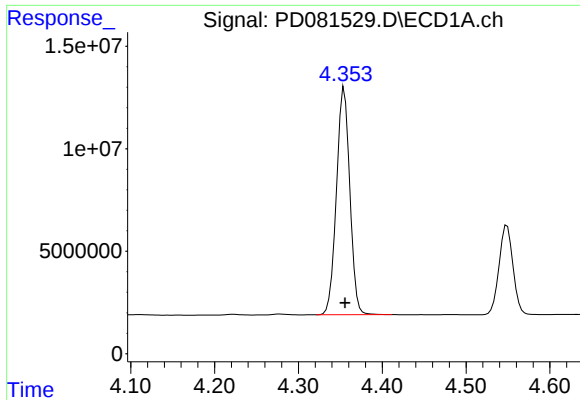
#2 alpha-BHC

R.T.: 4.021 min
Delta R.T.: -0.001 min
Response: 124464046
Conc: 50.11 ng/ml



#2 alpha-BHC

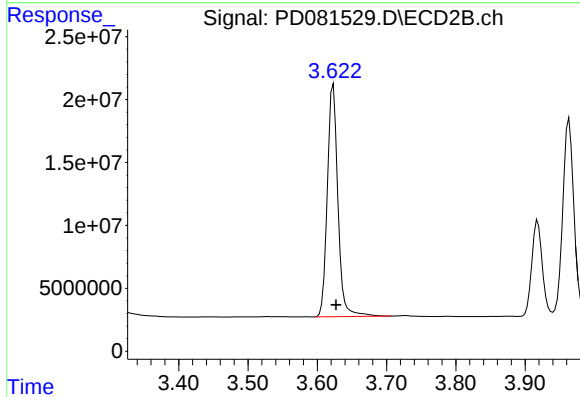
R.T.: 3.294 min
Delta R.T.: -0.004 min
Response: 204682153
Conc: 53.34 ng/ml



#3 gamma-BHC (Lindane)

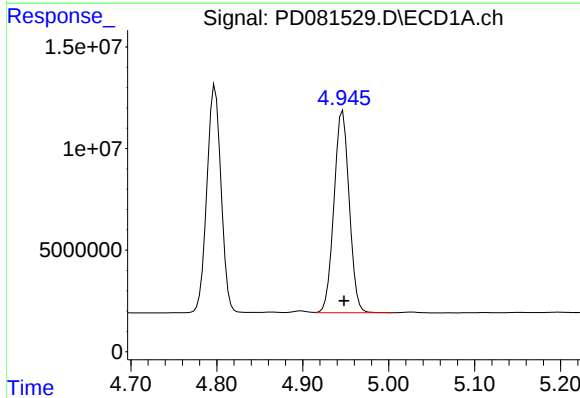
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 122848213
Conc: 50.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



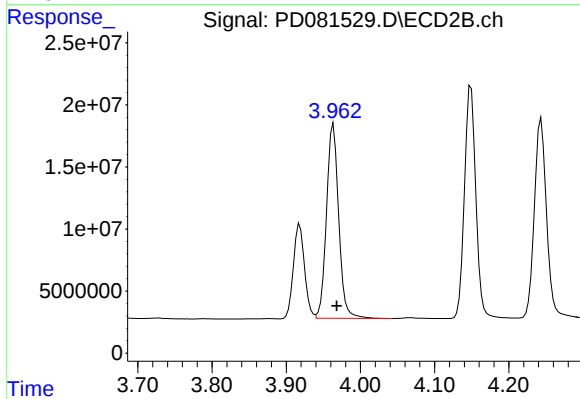
#3 gamma-BHC (Lindane)

R.T.: 3.623 min
Delta R.T.: -0.004 min
Response: 195995504
Conc: 52.42 ng/ml



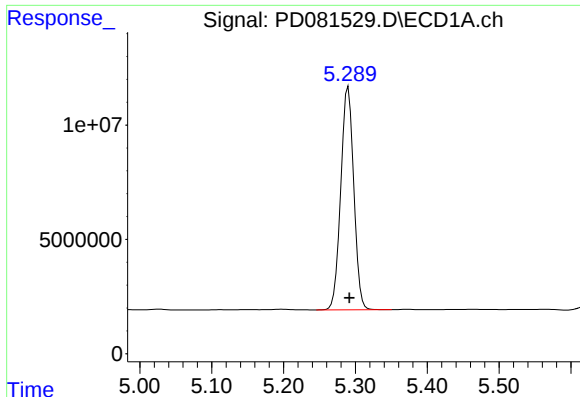
#4 Heptachlor

R.T.: 4.947 min
Delta R.T.: -0.001 min
Response: 121903019
Conc: 49.43 ng/ml



#4 Heptachlor

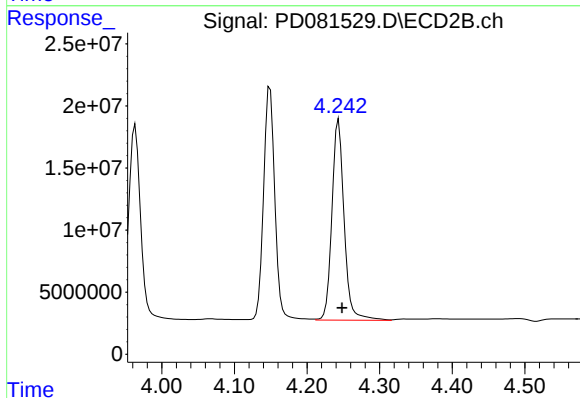
R.T.: 3.964 min
Delta R.T.: -0.004 min
Response: 178522914
Conc: 51.77 ng/ml



#5 Aldrin

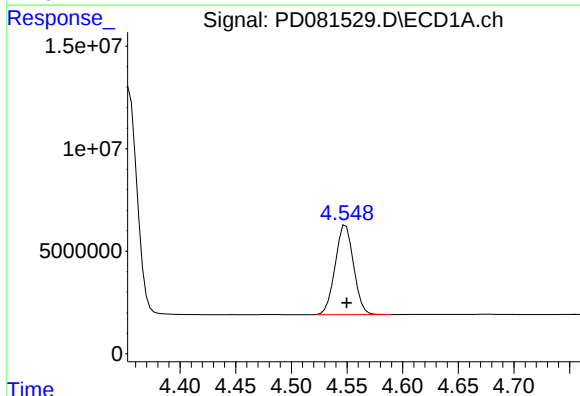
R.T.: 5.290 min
Delta R.T.: -0.002 min
Response: 122297019
Conc: 49.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



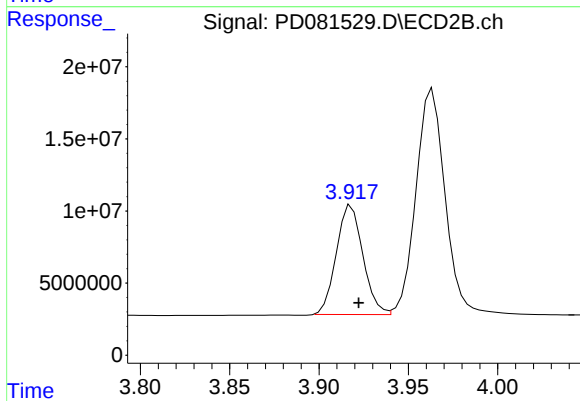
#5 Aldrin

R.T.: 4.244 min
Delta R.T.: -0.005 min
Response: 189377226
Conc: 52.00 ng/ml



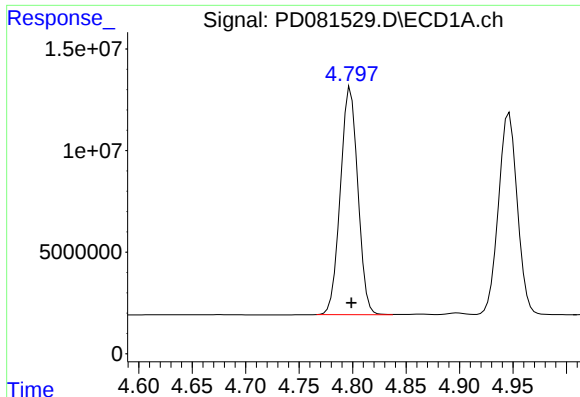
#6 beta-BHC

R.T.: 4.549 min
Delta R.T.: 0.000 min
Response: 50273800
Conc: 49.69 ng/ml



#6 beta-BHC

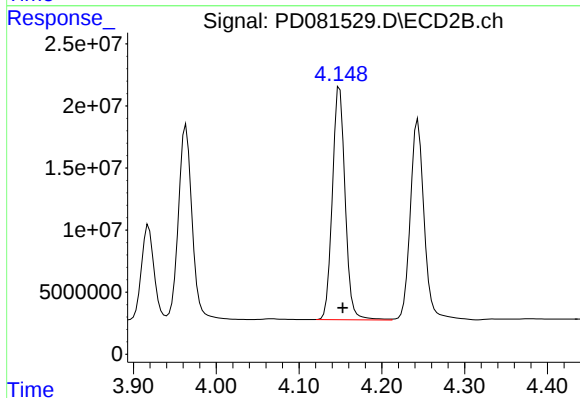
R.T.: 3.918 min
Delta R.T.: -0.004 min
Response: 78442960
Conc: 50.20 ng/ml



#7 delta-BHC

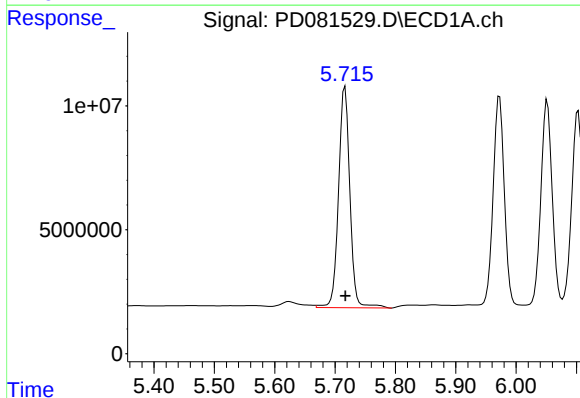
R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 127467202
Conc: 50.81 ng/ml

Instrument :
ECD_D
ClientSampleId :



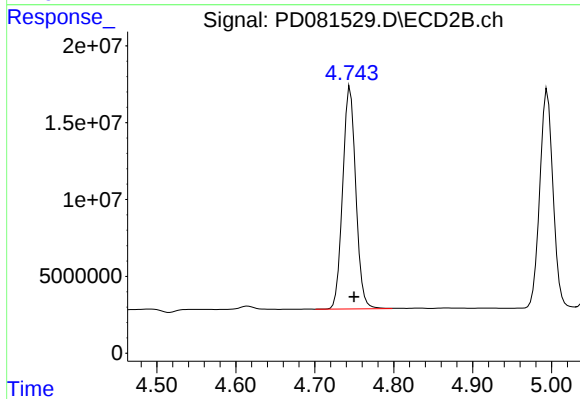
#7 delta-BHC

R.T.: 4.149 min
Delta R.T.: -0.004 min
Response: 201310040
Conc: 53.64 ng/ml



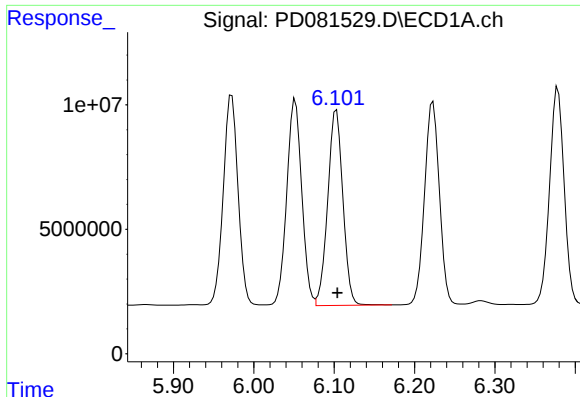
#8 Heptachlor epoxide

R.T.: 5.716 min
Delta R.T.: 0.000 min
Response: 116691662
Conc: 52.11 ng/ml



#8 Heptachlor epoxide

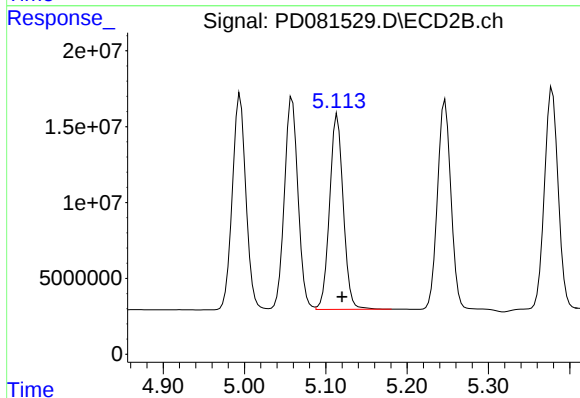
R.T.: 4.745 min
Delta R.T.: -0.005 min
Response: 167035902
Conc: 49.87 ng/ml



#9 Endosulfan I

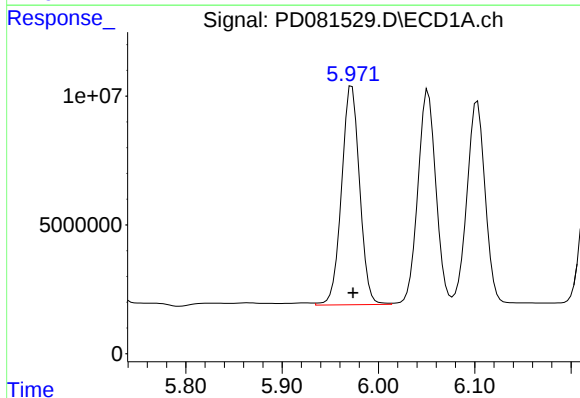
R.T.: 6.103 min
Delta R.T.: -0.001 min
Response: 103171958
Conc: 49.74 ng/ml

Instrument :
ECD_D
ClientSampleId :



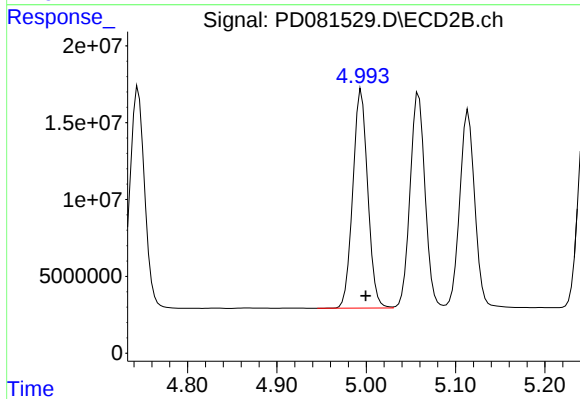
#9 Endosulfan I

R.T.: 5.114 min
Delta R.T.: -0.006 min
Response: 150800549
Conc: 49.24 ng/ml



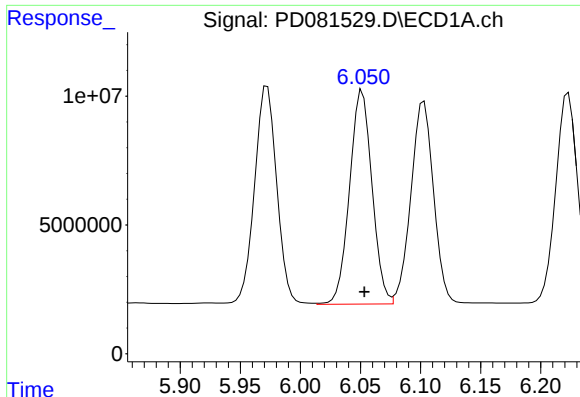
#10 gamma-Chlordane

R.T.: 5.973 min
Delta R.T.: -0.001 min
Response: 110378348
Conc: 50.42 ng/ml



#10 gamma-Chlordane

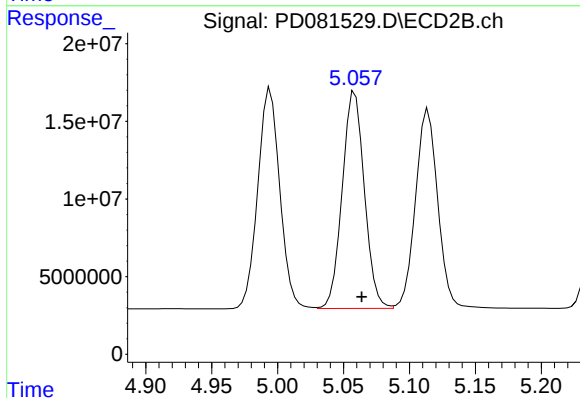
R.T.: 4.995 min
Delta R.T.: -0.005 min
Response: 165462945
Conc: 50.58 ng/ml



#11 alpha-Chlordane

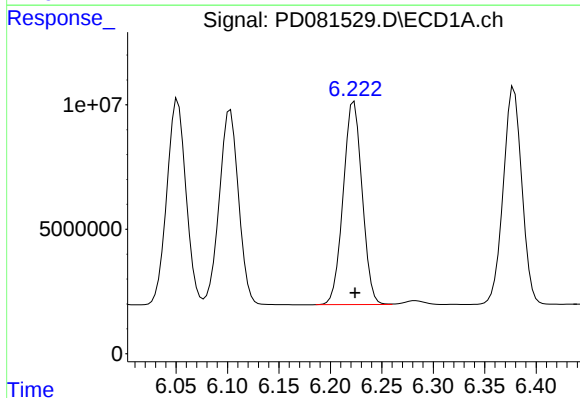
R.T.: 6.052 min
Delta R.T.: -0.001 min
Response: 108295993
Conc: 49.74 ng/ml

Instrument :
ECD_D
ClientSampleId :



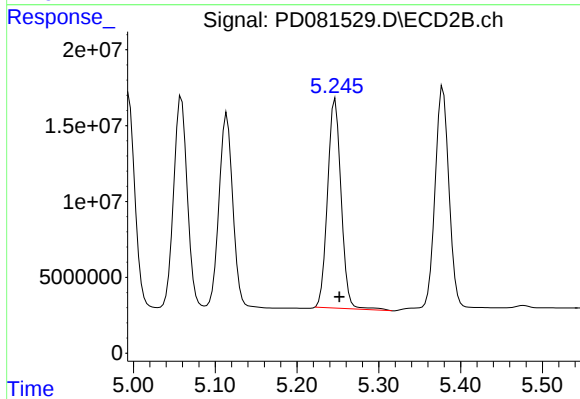
#11 alpha-Chlordane

R.T.: 5.059 min
Delta R.T.: -0.005 min
Response: 163380990
Conc: 49.97 ng/ml



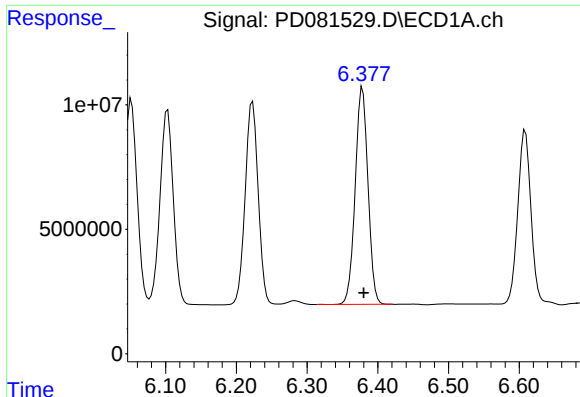
#12 4,4'-DDE

R.T.: 6.223 min
Delta R.T.: -0.001 min
Response: 104498055
Conc: 51.35 ng/ml



#12 4,4'-DDE

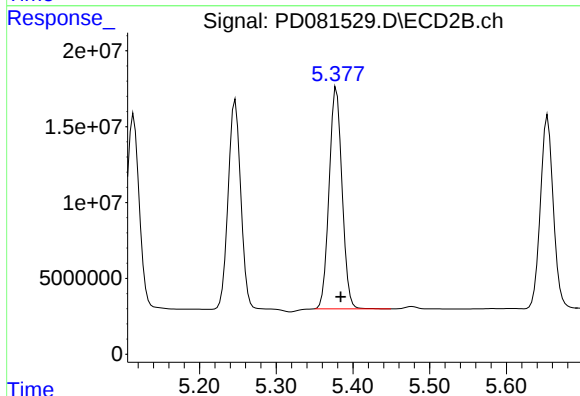
R.T.: 5.247 min
Delta R.T.: -0.005 min
Response: 159458425
Conc: 52.06 ng/ml



#13 Dieldrin

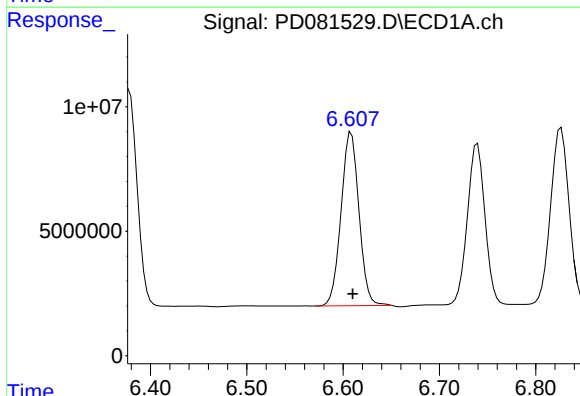
R.T.: 6.378 min
Delta R.T.: -0.001 min
Response: 109644016
Conc: 49.62 ng/ml

Instrument :
ECD_D
ClientSampleId :



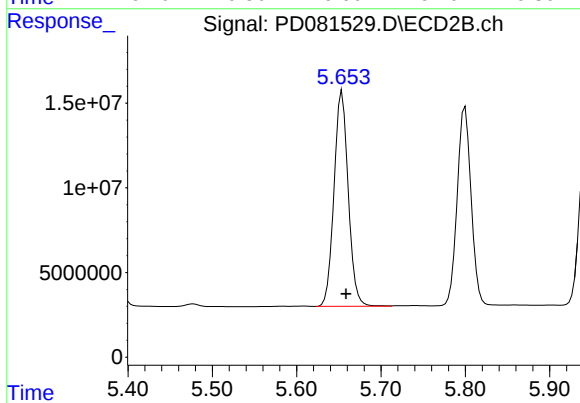
#13 Dieldrin

R.T.: 5.378 min
Delta R.T.: -0.006 min
Response: 170880056
Conc: 50.25 ng/ml



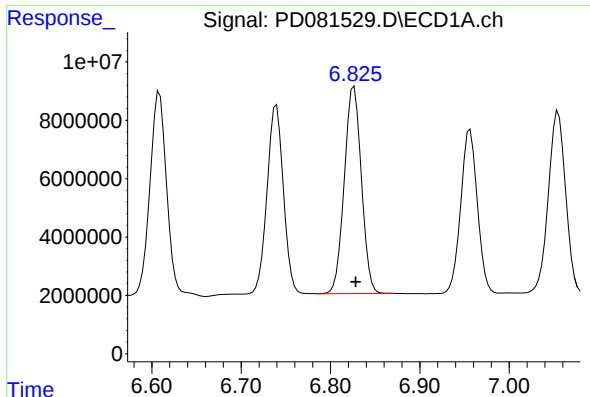
#14 Endrin

R.T.: 6.609 min
Delta R.T.: -0.001 min
Response: 89840159
Conc: 48.10 ng/ml



#14 Endrin

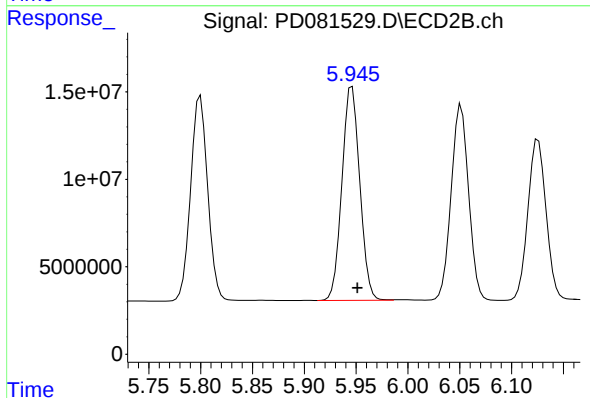
R.T.: 5.654 min
Delta R.T.: -0.005 min
Response: 148752333
Conc: 50.20 ng/ml



#15 Endosulfan II

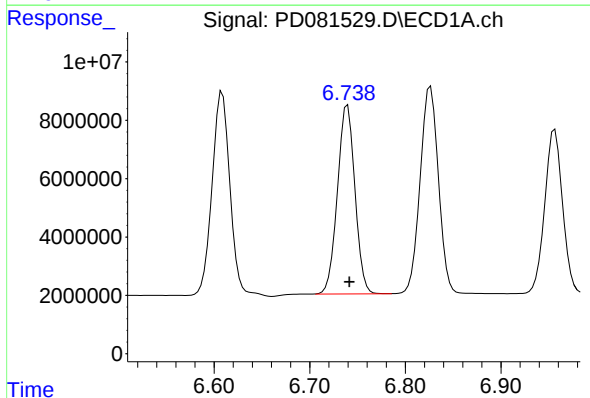
R.T.: 6.826 min
Delta R.T.: -0.002 min
Response: 94392069
Conc: 48.75 ng/ml

Instrument :
ECD_D
ClientSampleId :



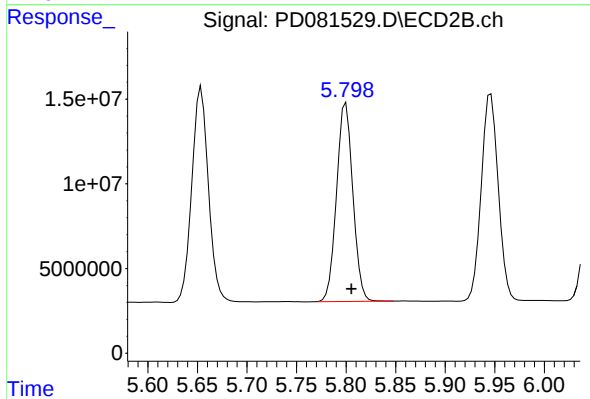
#15 Endosulfan II

R.T.: 5.946 min
Delta R.T.: -0.005 min
Response: 146312672
Conc: 50.88 ng/ml



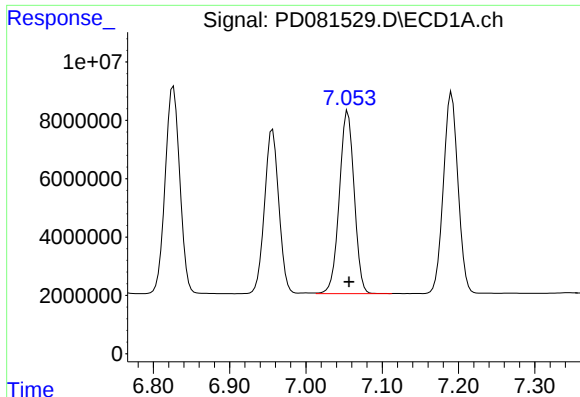
#16 4,4'-DDD

R.T.: 6.739 min
Delta R.T.: -0.002 min
Response: 82247808
Conc: 50.06 ng/ml



#16 4,4'-DDD

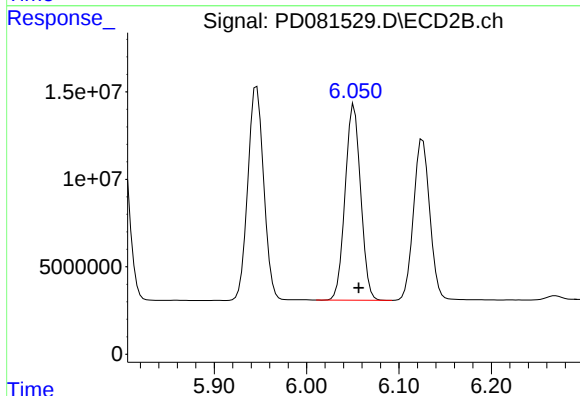
R.T.: 5.800 min
Delta R.T.: -0.006 min
Response: 134042655
Conc: 51.06 ng/ml



#17 4,4'-DDT

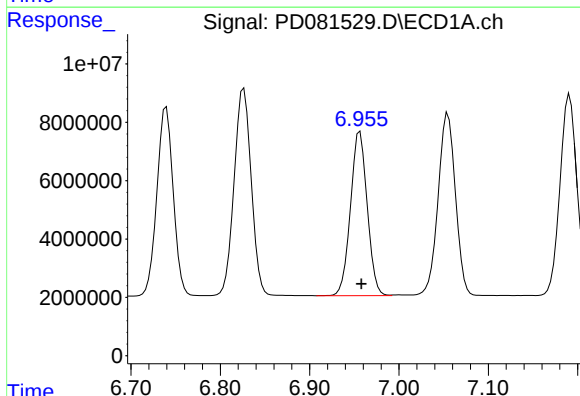
R.T.: 7.055 min
Delta R.T.: -0.002 min
Response: 84543918
Conc: 47.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



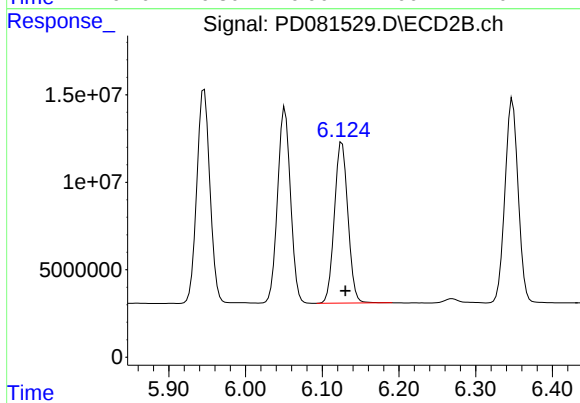
#17 4,4'-DDT

R.T.: 6.051 min
Delta R.T.: -0.005 min
Response: 130837782
Conc: 49.32 ng/ml



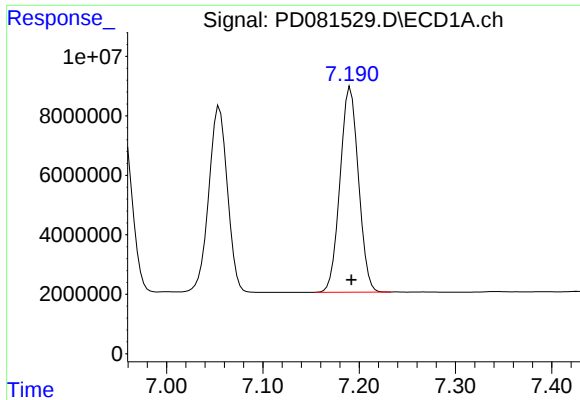
#18 Endrin aldehyde

R.T.: 6.956 min
Delta R.T.: -0.002 min
Response: 73196997
Conc: 48.12 ng/ml



#18 Endrin aldehyde

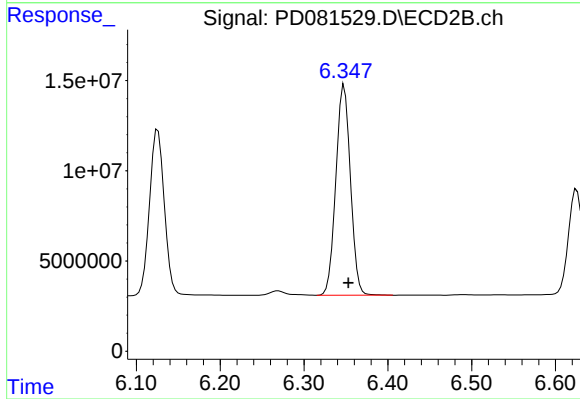
R.T.: 6.126 min
Delta R.T.: -0.005 min
Response: 112902805
Conc: 50.08 ng/ml



#19 Endosulfan Sulfate

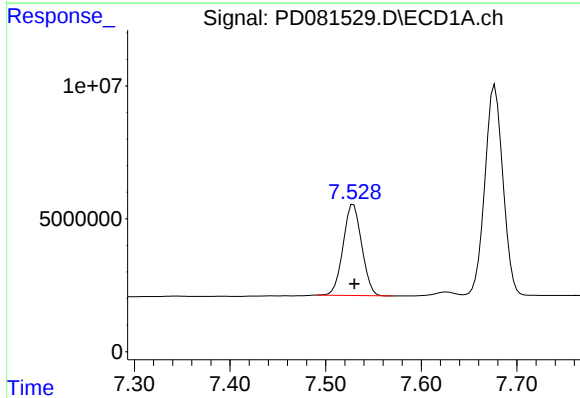
R.T.: 7.191 min
Delta R.T.: -0.001 min
Response: 91518470
Conc: 48.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



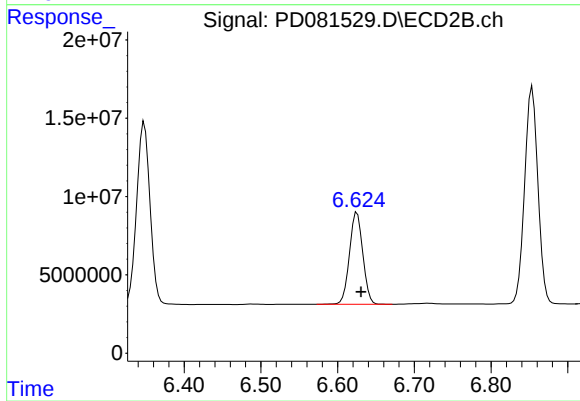
#19 Endosulfan Sulfate

R.T.: 6.348 min
Delta R.T.: -0.005 min
Response: 140815509
Conc: 50.48 ng/ml



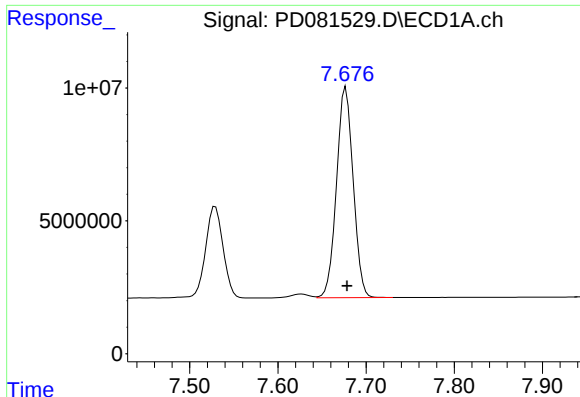
#20 Methoxychlor

R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 46399331
Conc: 45.08 ng/ml



#20 Methoxychlor

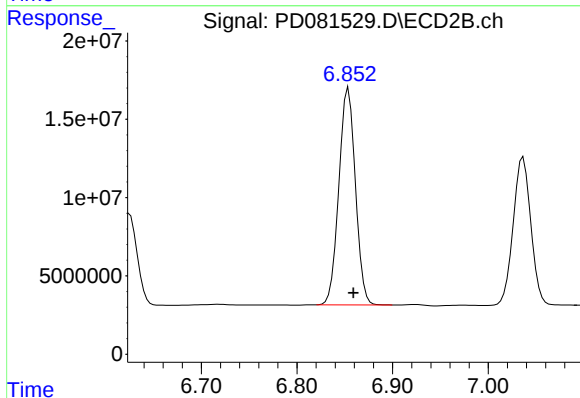
R.T.: 6.625 min
Delta R.T.: -0.006 min
Response: 71465726
Conc: 45.66 ng/ml



#21 Endrin ketone

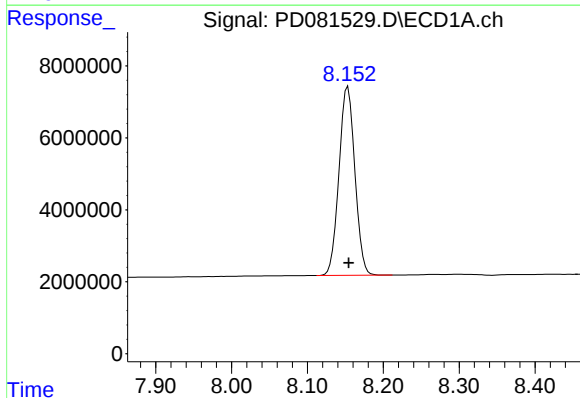
R.T.: 7.677 min
Delta R.T.: -0.002 min
Response: 103982357
Conc: 49.72 ng/ml

Instrument :
ECD_D
ClientSampleId :



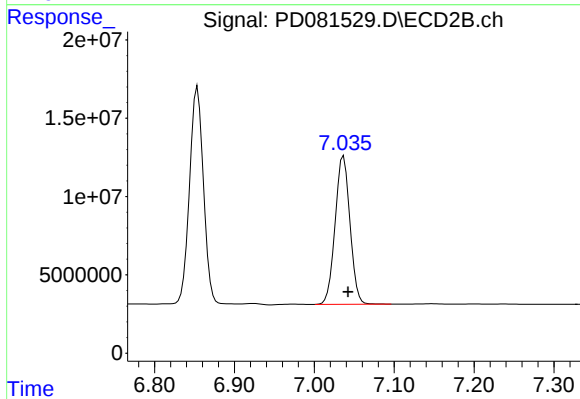
#21 Endrin ketone

R.T.: 6.854 min
Delta R.T.: -0.005 min
Response: 166598192
Conc: 51.63 ng/ml



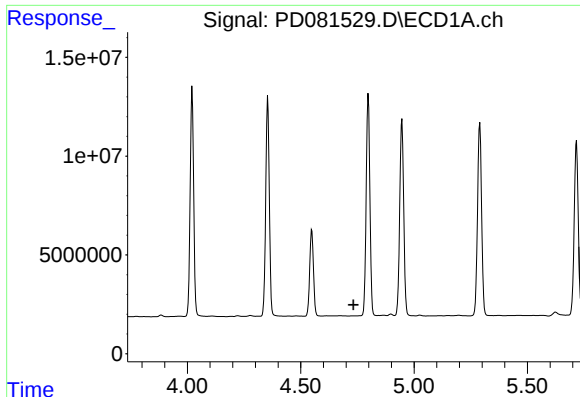
#22 Mirex

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 76474968
Conc: 46.37 ng/ml



#22 Mirex

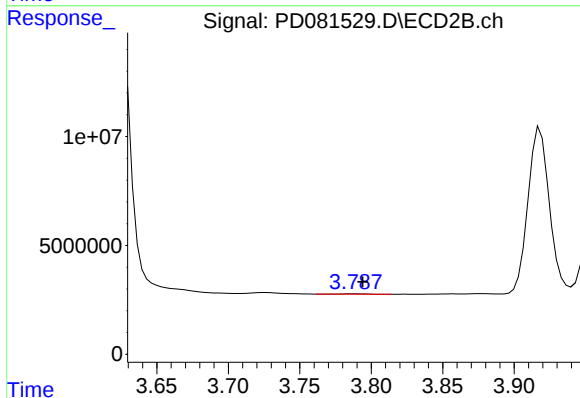
R.T.: 7.037 min
Delta R.T.: -0.006 min
Response: 122110316
Conc: 48.46 ng/ml



#23 Chlordane-1

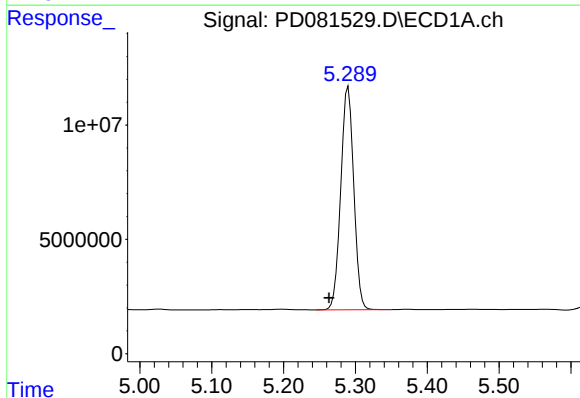
R.T.: 0.000 min
Exp R.T.: 4.733 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



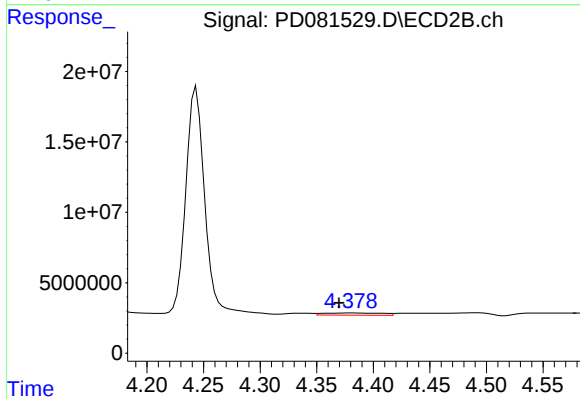
#23 Chlordane-1

R.T.: 3.789 min
Delta R.T.: -0.006 min
Response: 209746
Conc: 2.06 ng/ml



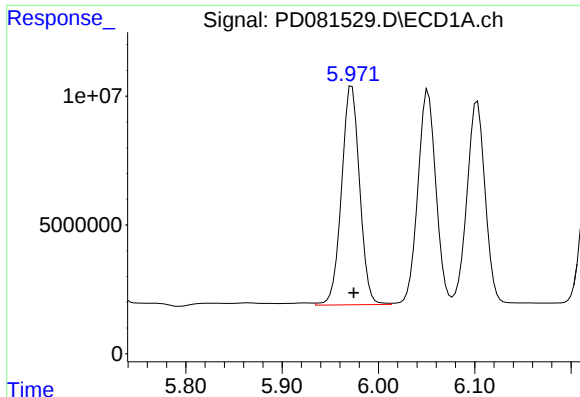
#24 Chlordane-2

R.T.: 5.290 min
Delta R.T.: 0.027 min
Response: 122297019
Conc: 1477.34 ng/ml



#24 Chlordane-2

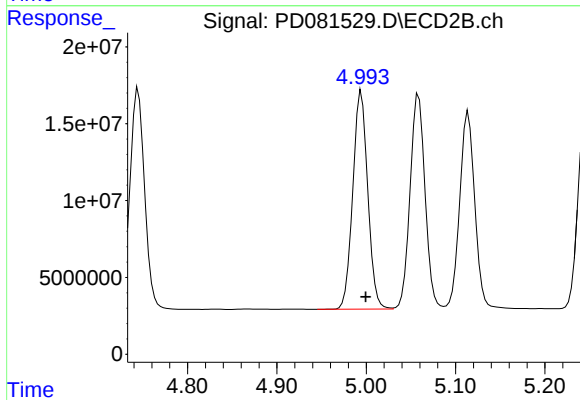
R.T.: 4.379 min
Delta R.T.: 0.010 min
Response: 5653007
Conc: 46.12 ng/ml



#25 Chlordane-3

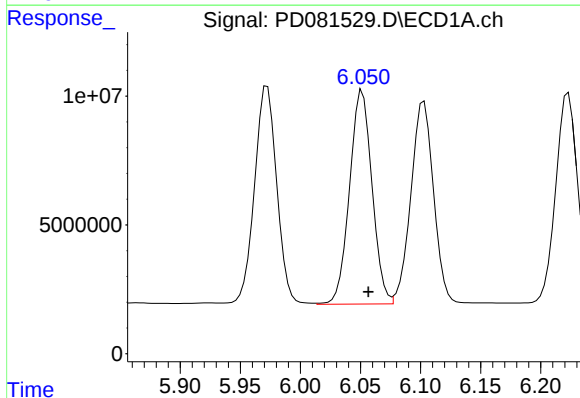
R.T.: 5.973 min
Delta R.T.: -0.002 min
Response: 110378348
Conc: 349.53 ng/ml

Instrument :
ECD_D
ClientSampleId :



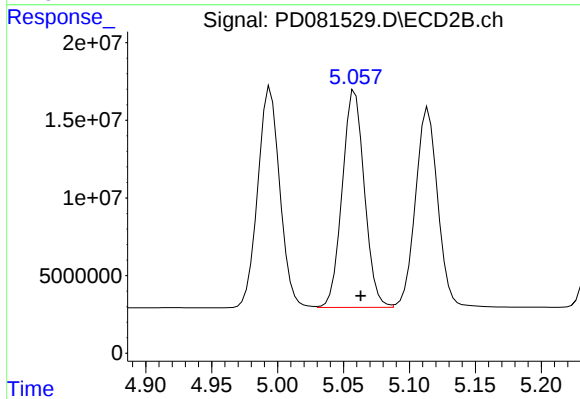
#25 Chlordane-3

R.T.: 4.995 min
Delta R.T.: -0.005 min
Response: 165462945
Conc: 493.01 ng/ml



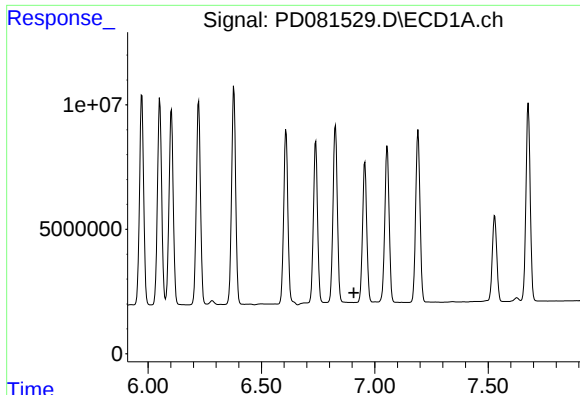
#26 Chlordane-4

R.T.: 6.052 min
Delta R.T.: -0.005 min
Response: 108295993
Conc: 284.43 ng/ml



#26 Chlordane-4

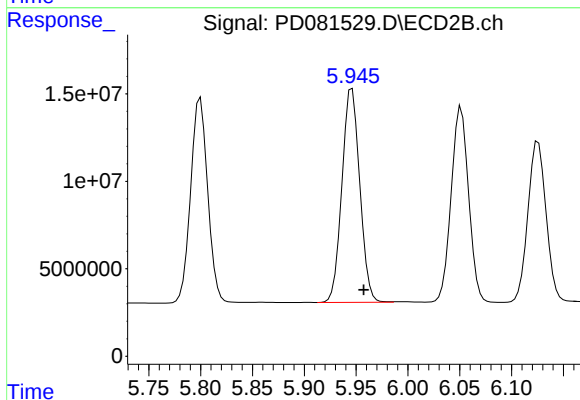
R.T.: 5.059 min
Delta R.T.: -0.004 min
Response: 163380990
Conc: 514.27 ng/ml



#27 Chlordane-5

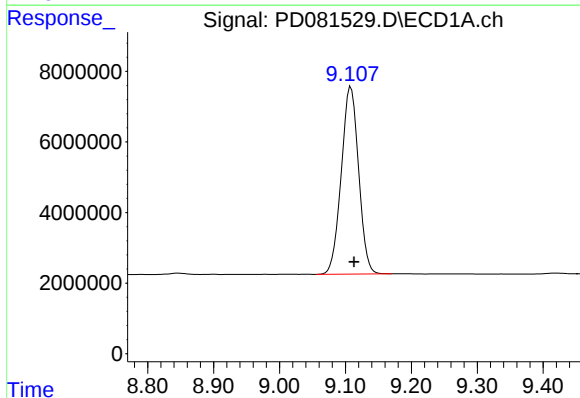
R.T.: 0.000 min
Exp R.T.: 6.908 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



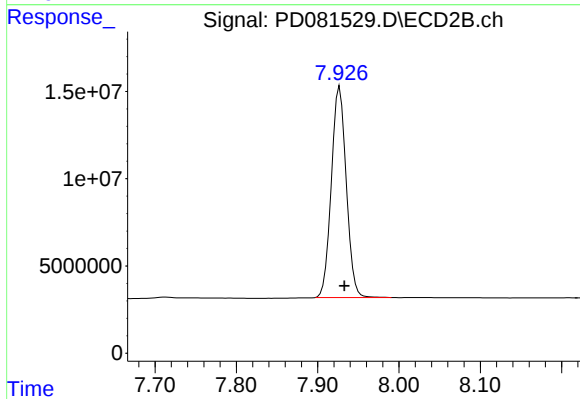
#27 Chlordane-5

R.T.: 5.946 min
Delta R.T.: -0.011 min
Response: 146312672
Conc: 1206.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.108 min
Delta R.T.: -0.005 min
Response: 97019589
Conc: 48.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.927 min
Delta R.T.: -0.006 min
Response: 154666206
Conc: 58.07 ng/ml