

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032219\
 Data File : PD051962.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Mar 2019 17:53
 Operator : AJ\SJ
 Sample : K2040-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 S4B(2-10)MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 23:16:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 23:43:17 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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...	3.222	4.044	23600385	575.3E6	17.799	20.060
28)	SA Decachlor...	7.825	9.163	19321692	341.2E6	16.998	18.679
Target Compounds							
2)	A alpha-BHC	3.643	4.437	107.0E6	2184.8E6	48.741	50.075
3)	MA gamma-BHC...	3.911	4.725	103.2E6	1955.2E6	49.417	49.364
4)	MA Heptachlor	4.189	5.238	103.4E6	1857.1E6	48.175	48.424
5)	MB Aldrin	4.421	5.546	103.7E6	1765.4E6	50.938	49.289
6)	B beta-BHC	4.157	4.895	42119003	869.3E6	47.836	48.367
7)	B delta-BHC	4.346	5.115	95614087	1258.0E6	47.151	36.607
8)	B Heptachlo...	4.849	5.933	97311203	1374.9E6	49.497	42.877
9)	A Endosulfan I	5.171	6.293	93608387	1402.9E6	50.510	47.323
10)	B gamma-Chl...	5.066	6.169	101.8E6	1579.1E6	50.236	49.379
11)	B alpha-Chl...	5.122	6.242	100.4E6	1521.0E6	49.937	47.989
12)	B 4,4'-DDE	5.292	6.398	98022666	1458.2E6	52.325	47.147
13)	MA Dieldrin	5.406	6.552	106.8E6	1495.9E6	53.139	48.480
14)	MA Endrin	5.653	6.771	95863718	1262.0E6	50.035	48.331
15)	B Endosulfa...	5.924	6.980	86154776	1250.3E6	47.807	48.538
16)	A 4,4'-DDD	5.794	6.891	77934163	1205.3E6	49.500	49.073
17)	MA 4,4'-DDT	6.026	7.191	84333014	1093.2E6	52.784	53.965
18)	B Endrin al...	6.091	7.104	68775566	961.8E6	46.496	44.858
19)	B Endosulfa...	6.299	7.329	76060754	1124.2E6	46.005	47.959
20)	A Methoxychlor	6.571	7.651	42798276	543.6E6	48.192	49.390
21)	B Endrin ke...	6.774	7.803	85615111	1106.4E6	46.251	48.975
22)	Mirex	6.943	8.262	57824431	696.6E6	45.967	45.013
23)	Chlordane-1	0.000	5.024f	0	10639728	N.D.	6.949 #
24)	Chlordane-2	0.000	5.546f	0	1765.4E6	N.D.	1245.002 #
25)	Chlordane-3	5.066	6.169	101.8E6	1579.1E6	437.377	354.605
26)	Chlordane-4	5.122	6.242	100.4E6	1521.0E6	448.837	290.421 #
27)	Chlordane-5	5.924	0.000	86154776	0	1199.481	N.D. #

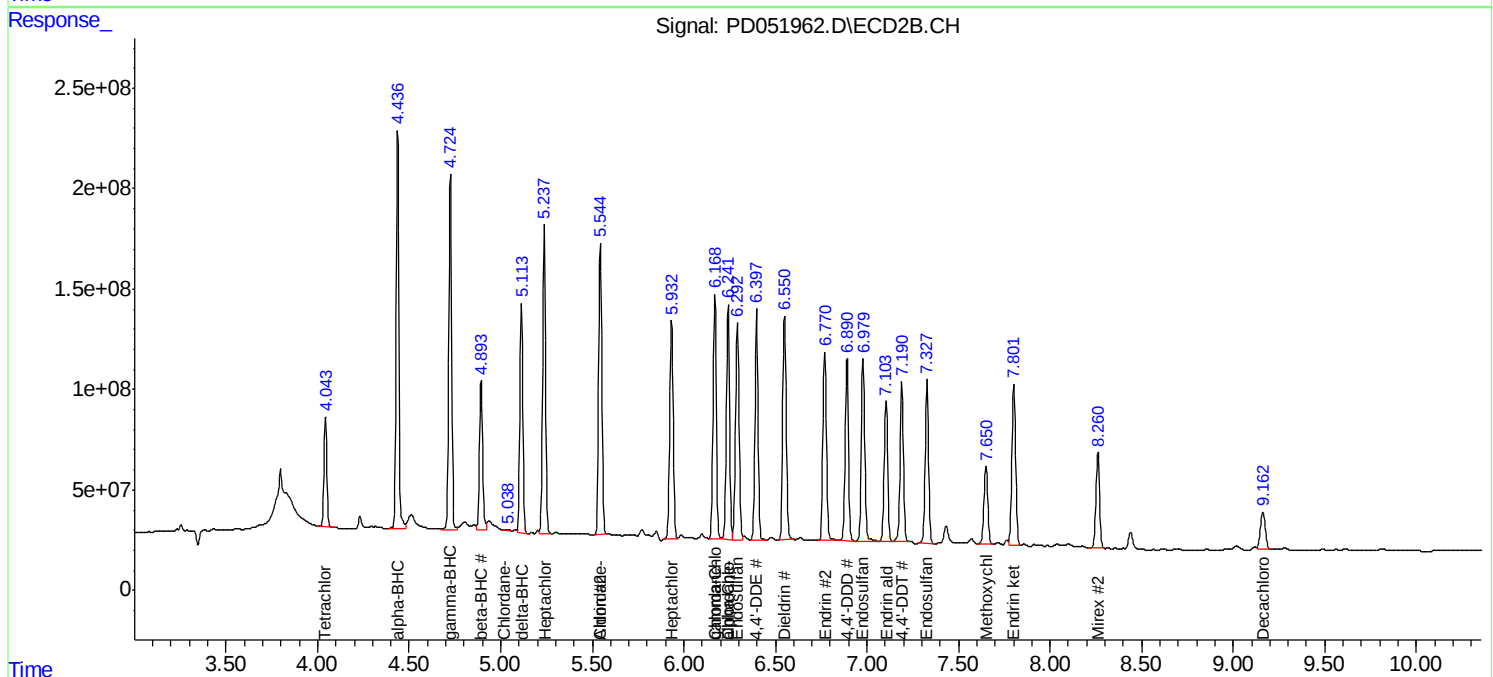
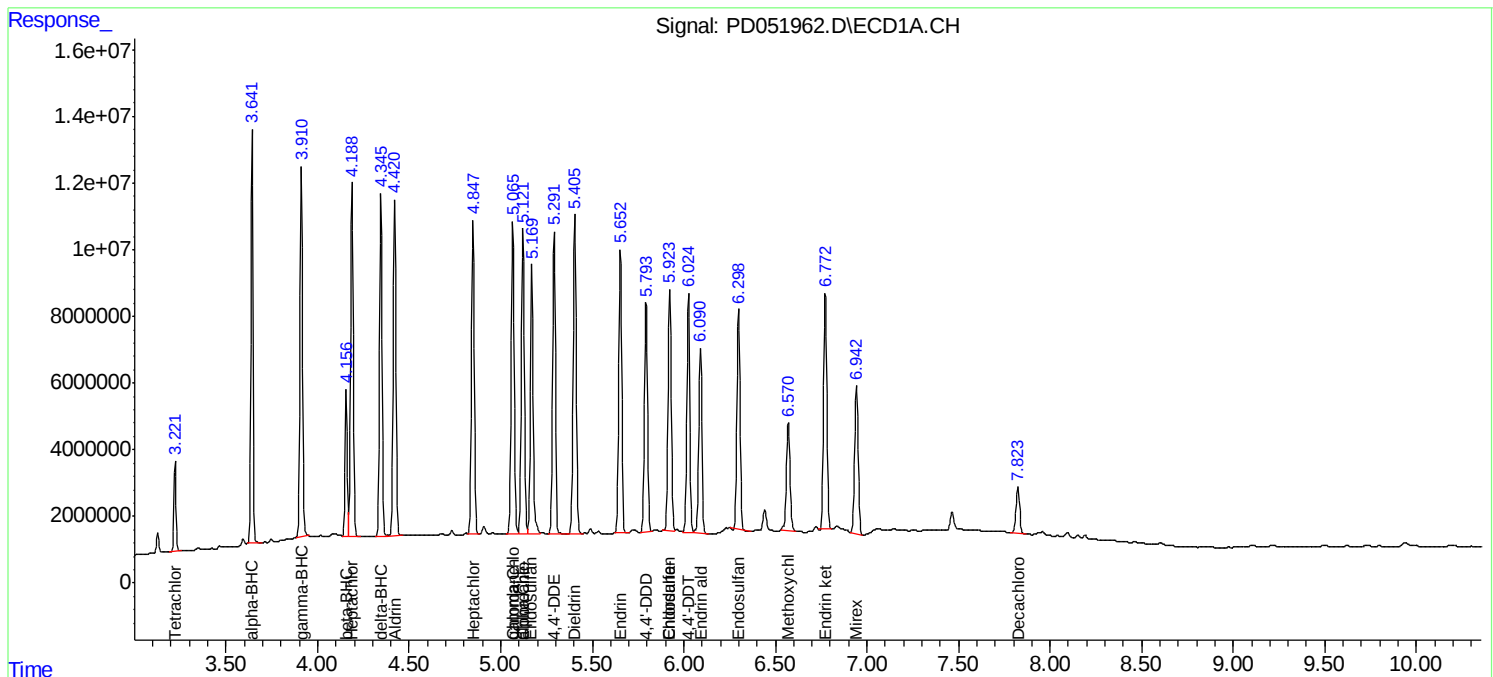
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

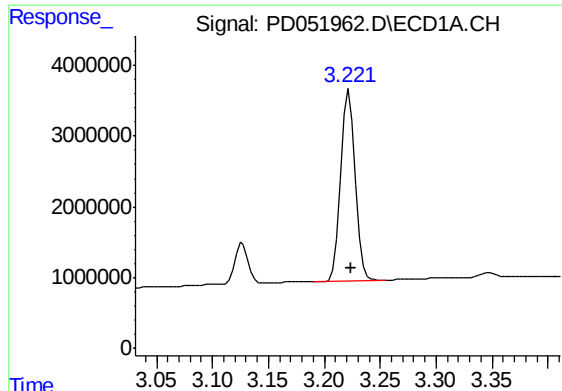
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032219\
Data File : PD051962.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Mar 2019 17:53
Operator : AJ\SJ
Sample : K2040-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
S4B(2-10)MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 22 23:16:29 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 01 23:43:17 2019
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

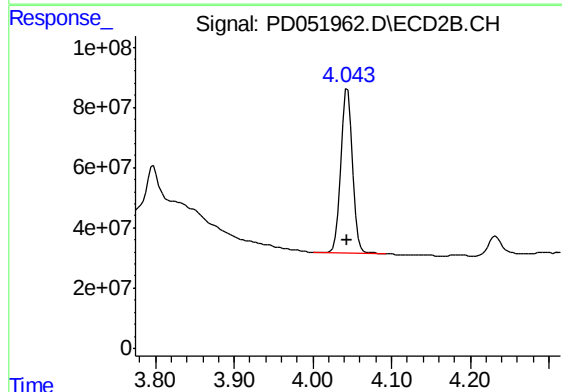




#1 Tetrachloro-m-xylene

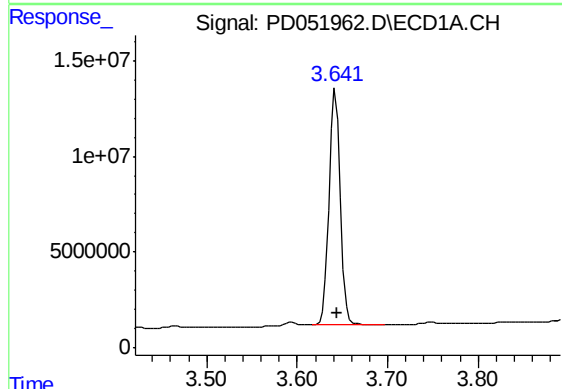
R.T.: 3.222 min
Delta R.T.: -0.002 min
Response: 23600385
Conc: 17.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
S4B(2-10)MSD



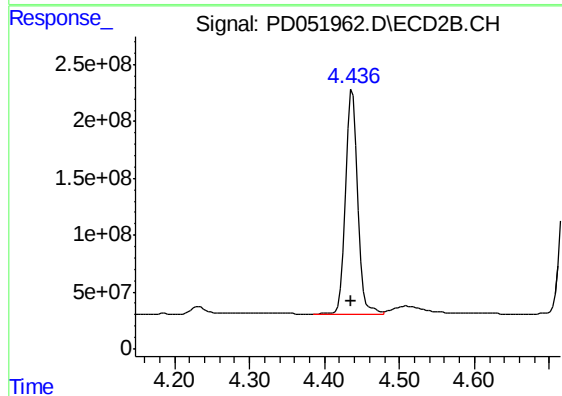
#1 Tetrachloro-m-xylene

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 575263347
Conc: 20.06 ng/ml



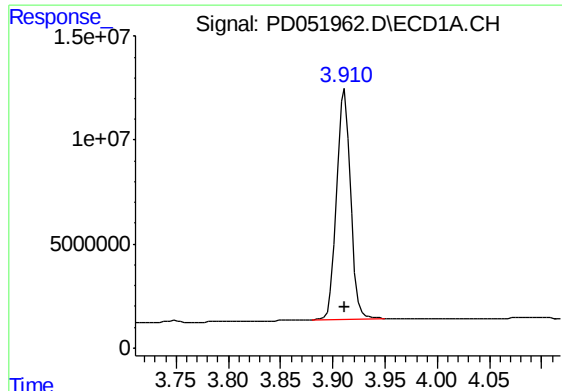
#2 alpha-BHC

R.T.: 3.643 min
Delta R.T.: -0.001 min
Response: 106995687
Conc: 48.74 ng/ml



#2 alpha-BHC

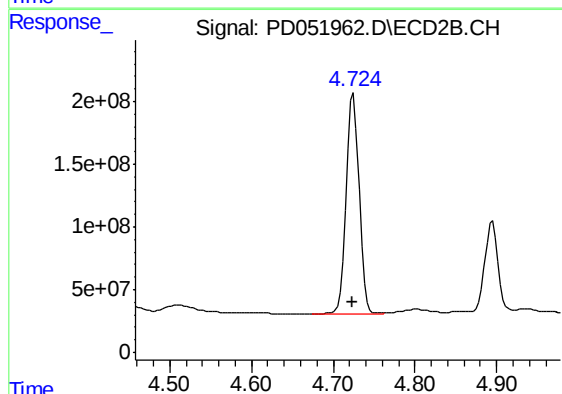
R.T.: 4.437 min
Delta R.T.: 0.001 min
Response: 2184768147
Conc: 50.07 ng/ml



#3 gamma-BHC (Lindane)

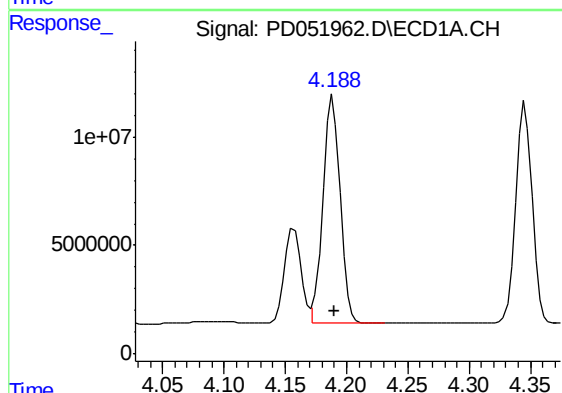
R.T.: 3.911 min
Delta R.T.: 0.000 min
Response: 103244839
Conc: 49.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
S4B(2-10)MSD



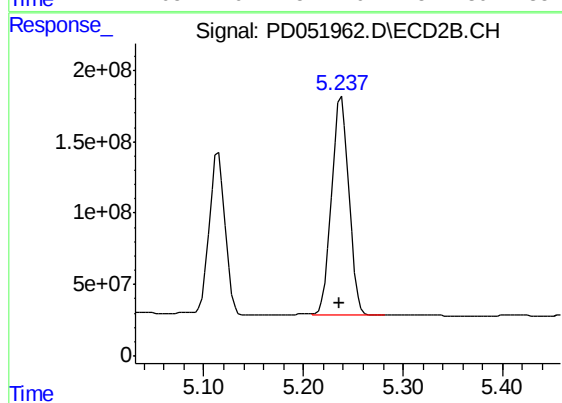
#3 gamma-BHC (Lindane)

R.T.: 4.725 min
Delta R.T.: 0.002 min
Response: 1955160900
Conc: 49.36 ng/ml



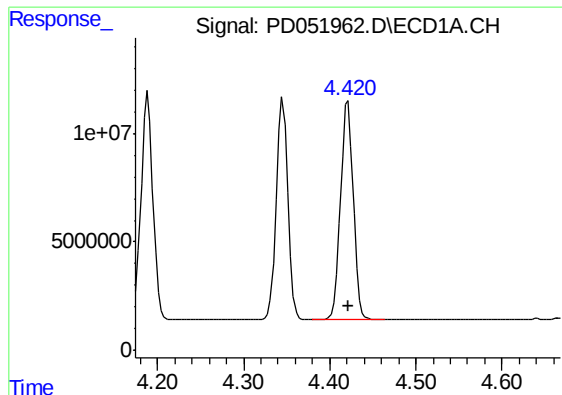
#4 Heptachlor

R.T.: 4.189 min
Delta R.T.: 0.000 min
Response: 103353664
Conc: 48.17 ng/ml



#4 Heptachlor

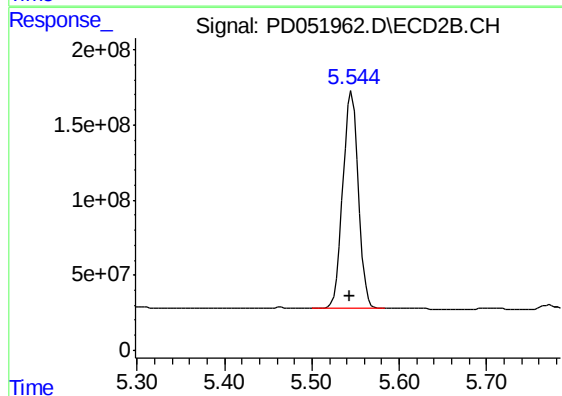
R.T.: 5.238 min
Delta R.T.: 0.002 min
Response: 1857050713
Conc: 48.42 ng/ml



#5 Aldrin

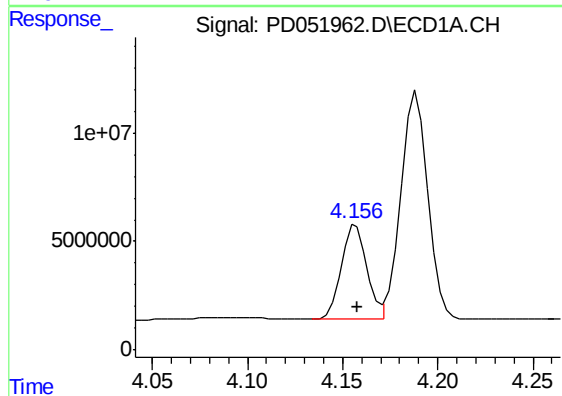
R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 103692196
Conc: 50.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
S4B(2-10)MSD



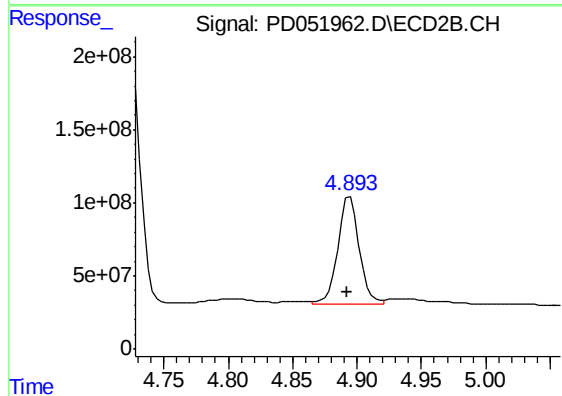
#5 Aldrin

R.T.: 5.546 min
Delta R.T.: 0.002 min
Response: 1765401539
Conc: 49.29 ng/ml



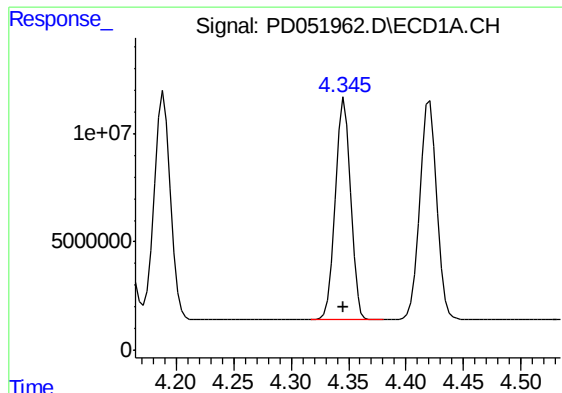
#6 beta-BHC

R.T.: 4.157 min
Delta R.T.: 0.000 min
Response: 42119003
Conc: 47.84 ng/ml



#6 beta-BHC

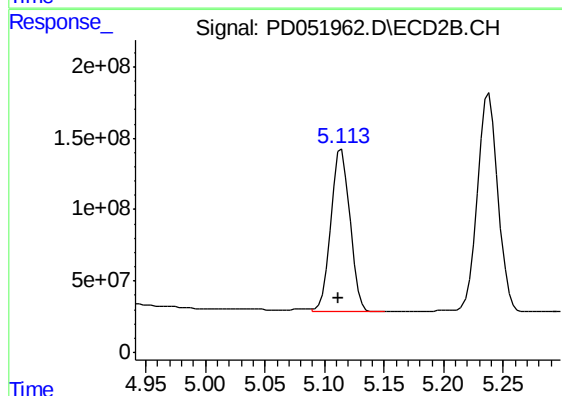
R.T.: 4.895 min
Delta R.T.: 0.002 min
Response: 869317852
Conc: 48.37 ng/ml



#7 delta-BHC

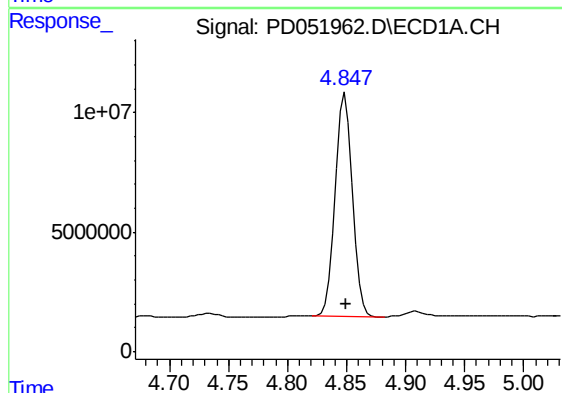
R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 95614087
Conc: 47.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
S4B(2-10)MSD



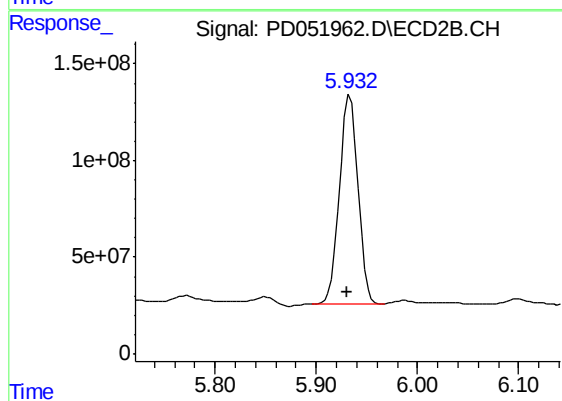
#7 delta-BHC

R.T.: 5.115 min
Delta R.T.: 0.003 min
Response: 1258031677
Conc: 36.61 ng/ml



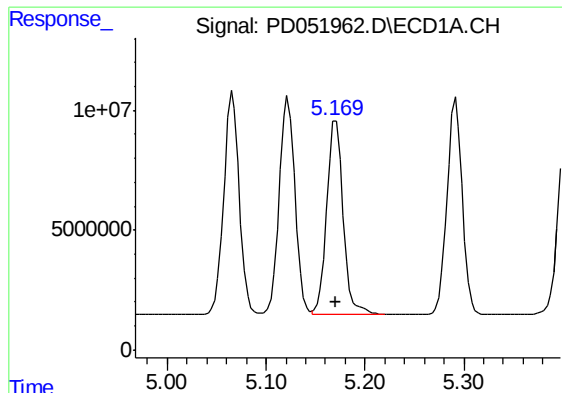
#8 Heptachlor epoxide

R.T.: 4.849 min
Delta R.T.: 0.000 min
Response: 97311203
Conc: 49.50 ng/ml



#8 Heptachlor epoxide

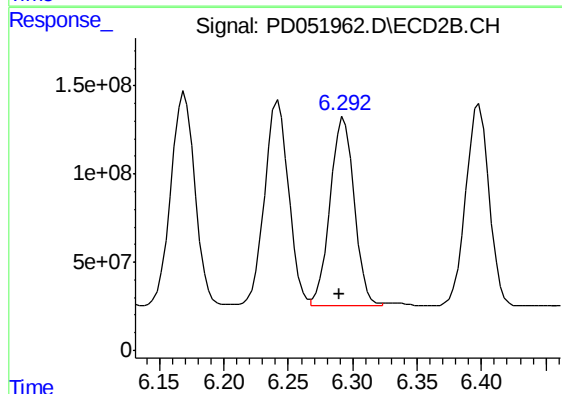
R.T.: 5.933 min
Delta R.T.: 0.003 min
Response: 1374854922
Conc: 42.88 ng/ml



#9 Endosulfan I

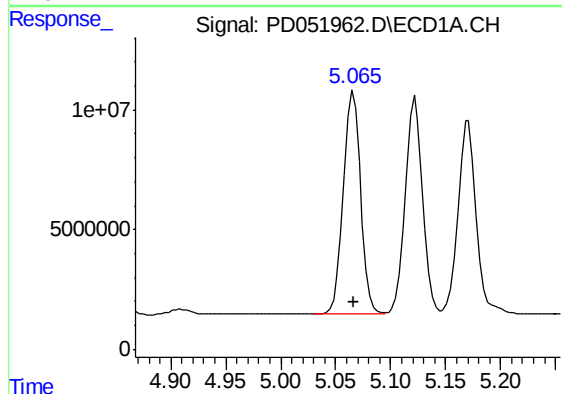
R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 93608387
Conc: 50.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
S4B(2-10)MSD



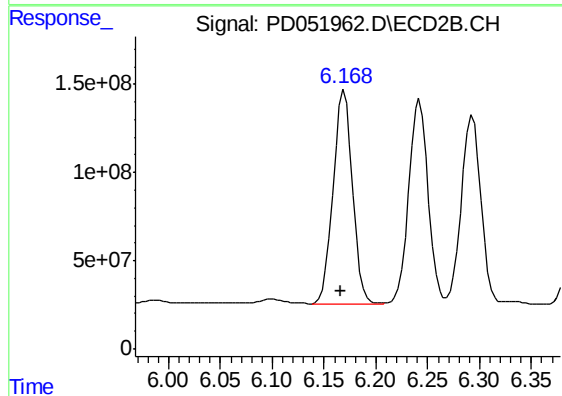
#9 Endosulfan I

R.T.: 6.293 min
Delta R.T.: 0.003 min
Response: 1402924979
Conc: 47.32 ng/ml



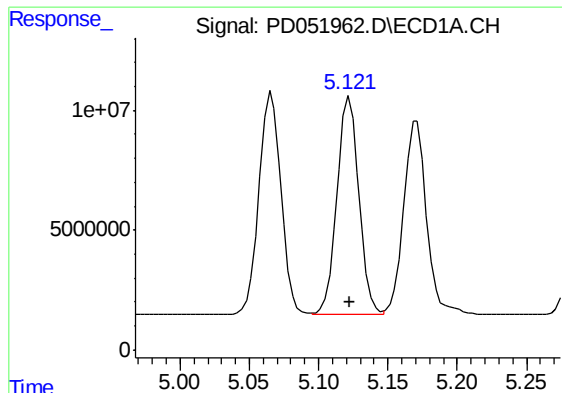
#10 gamma-Chlordane

R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 101795068
Conc: 50.24 ng/ml



#10 gamma-Chlordane

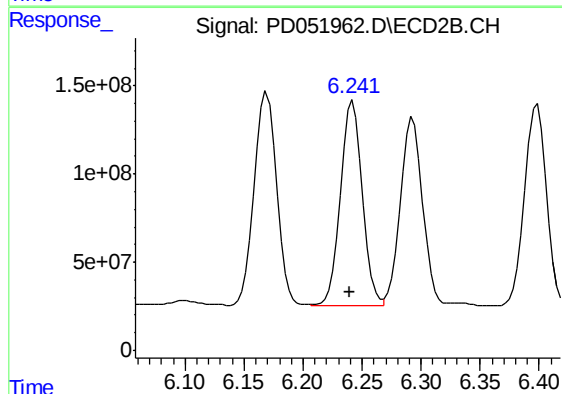
R.T.: 6.169 min
Delta R.T.: 0.003 min
Response: 1579094817
Conc: 49.38 ng/ml



#11 alpha-Chlordane

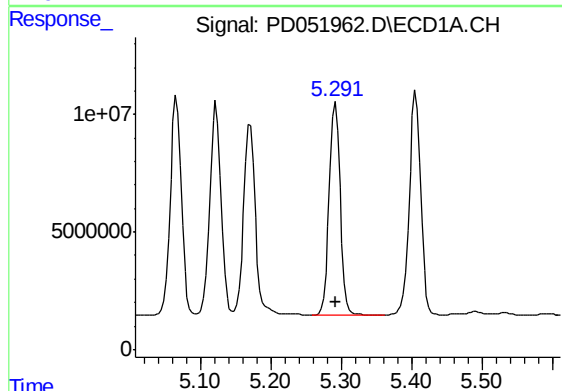
R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 100363118
Conc: 49.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
S4B(2-10)MSD



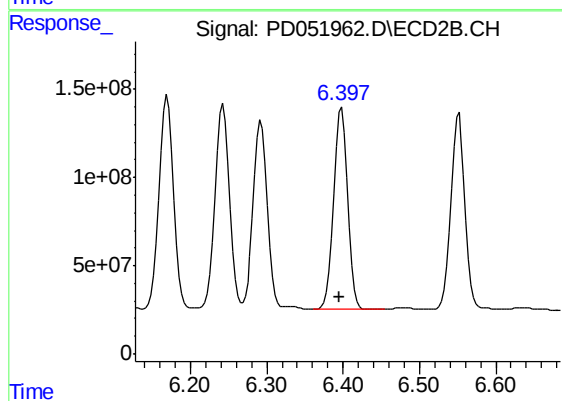
#11 alpha-Chlordane

R.T.: 6.242 min
Delta R.T.: 0.003 min
Response: 1520953630
Conc: 47.99 ng/ml



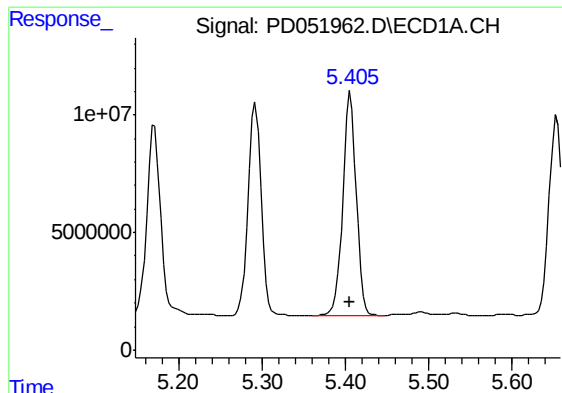
#12 4,4'-DDE

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 98022666
Conc: 52.32 ng/ml



#12 4,4'-DDE

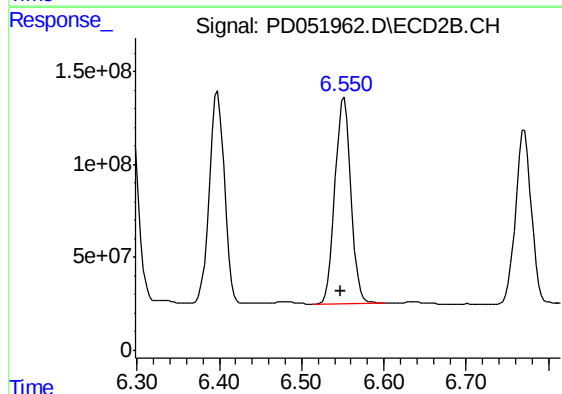
R.T.: 6.398 min
Delta R.T.: 0.004 min
Response: 1458231061
Conc: 47.15 ng/ml



#13 Dieldrin

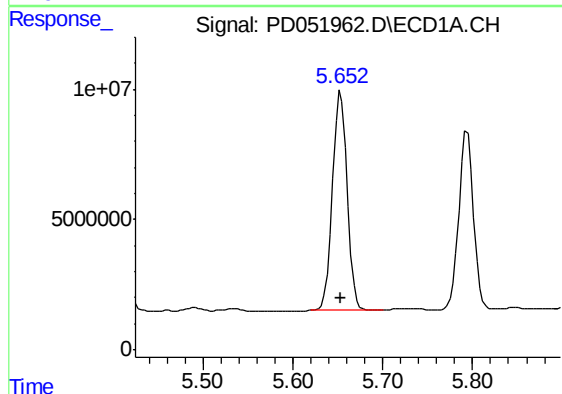
R.T.: 5.406 min
Delta R.T.: 0.000 min
Response: 106827235
Conc: 53.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
S4B(2-10)MSD



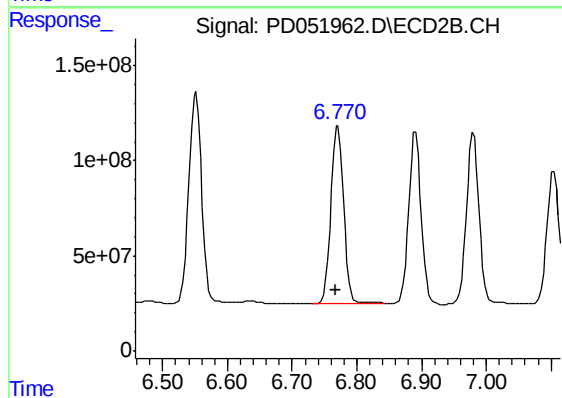
#13 Dieldrin

R.T.: 6.552 min
Delta R.T.: 0.004 min
Response: 1495878617
Conc: 48.48 ng/ml



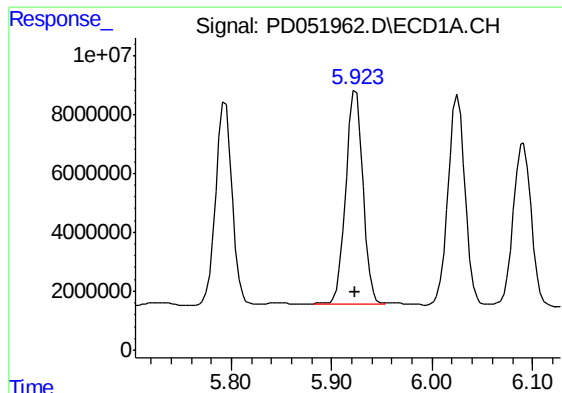
#14 Endrin

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 95863718
Conc: 50.04 ng/ml



#14 Endrin

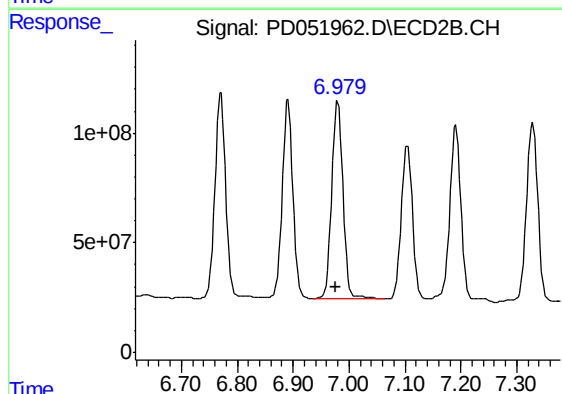
R.T.: 6.771 min
Delta R.T.: 0.004 min
Response: 1262006166
Conc: 48.33 ng/ml



#15 Endosulfan II

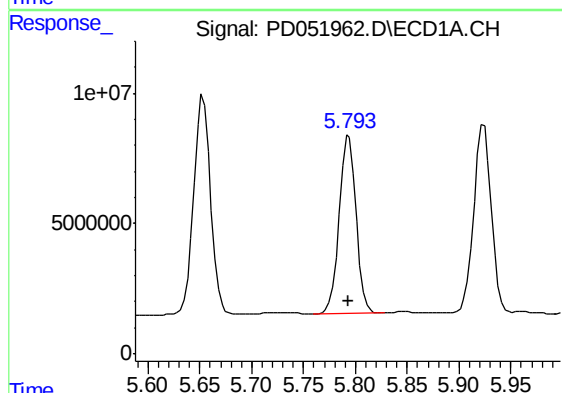
R.T.: 5.924 min
Delta R.T.: 0.001 min
Response: 86154776
Conc: 47.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
S4B(2-10)MSD



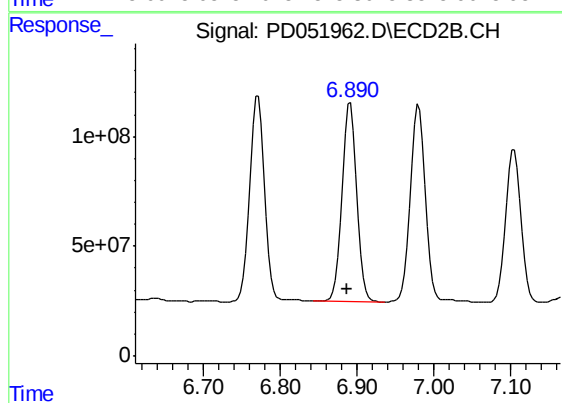
#15 Endosulfan II

R.T.: 6.980 min
Delta R.T.: 0.005 min
Response: 1250317466
Conc: 48.54 ng/ml



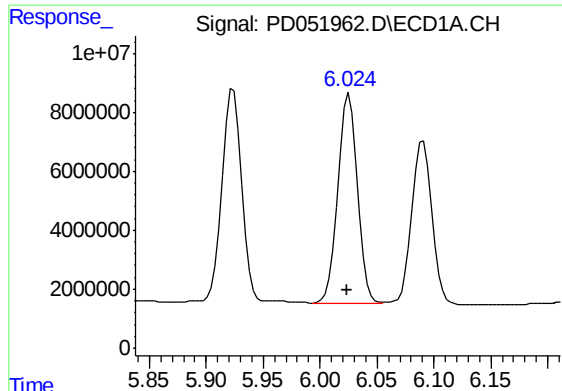
#16 4,4'-DDD

R.T.: 5.794 min
Delta R.T.: 0.000 min
Response: 77934163
Conc: 49.50 ng/ml



#16 4,4'-DDD

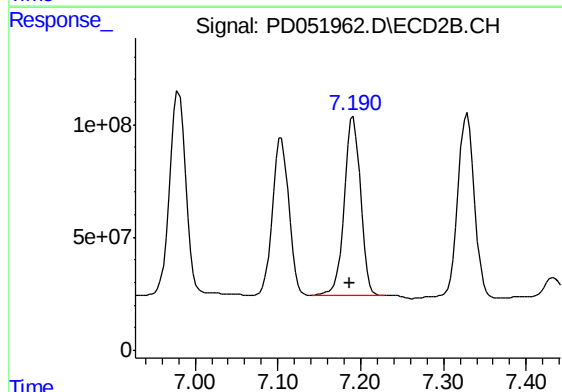
R.T.: 6.891 min
Delta R.T.: 0.005 min
Response: 1205302831
Conc: 49.07 ng/ml



#17 4,4'-DDT

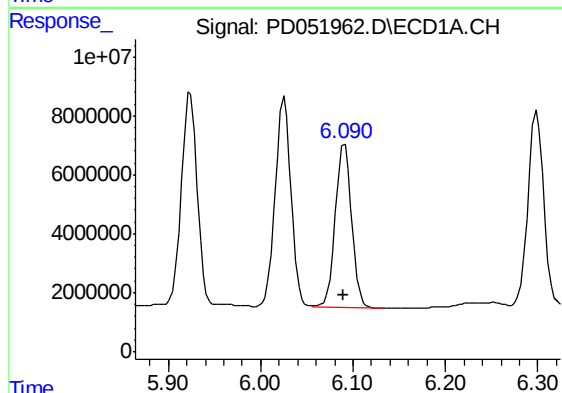
R.T.: 6.026 min
Delta R.T.: 0.001 min
Response: 84333014
Conc: 52.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
S4B(2-10)MSD



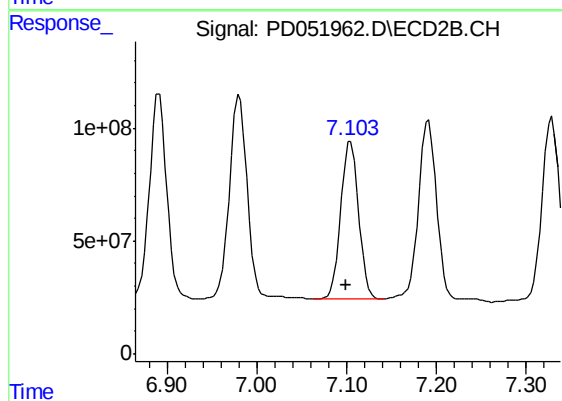
#17 4,4'-DDT

R.T.: 7.191 min
Delta R.T.: 0.005 min
Response: 1093154182
Conc: 53.96 ng/ml



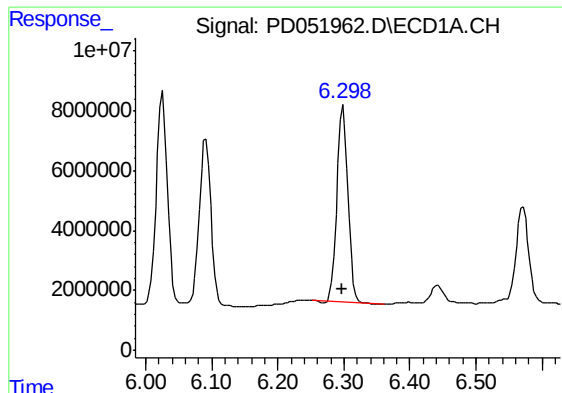
#18 Endrin aldehyde

R.T.: 6.091 min
Delta R.T.: 0.002 min
Response: 68775566
Conc: 46.50 ng/ml



#18 Endrin aldehyde

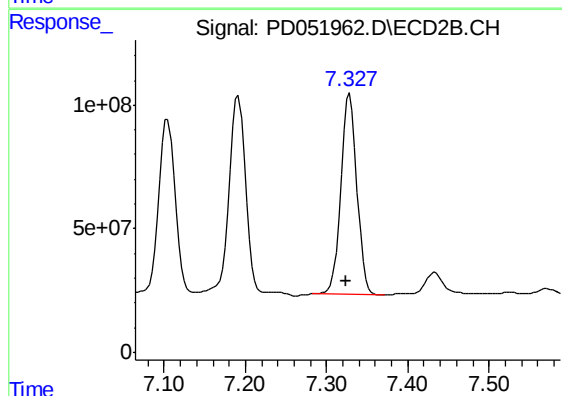
R.T.: 7.104 min
Delta R.T.: 0.005 min
Response: 961781486
Conc: 44.86 ng/ml



#19 Endosulfan Sulfate

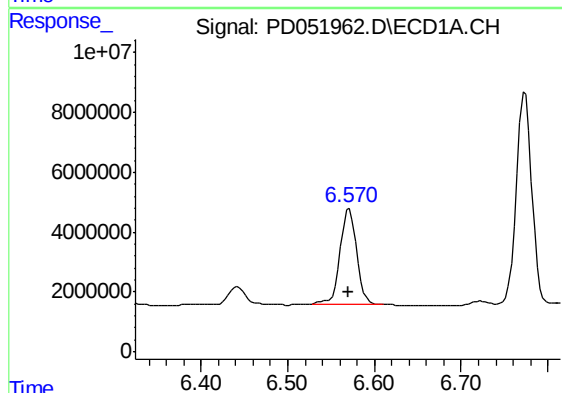
R.T.: 6.299 min
Delta R.T.: 0.001 min
Response: 76060754
Conc: 46.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
S4B(2-10)MSD



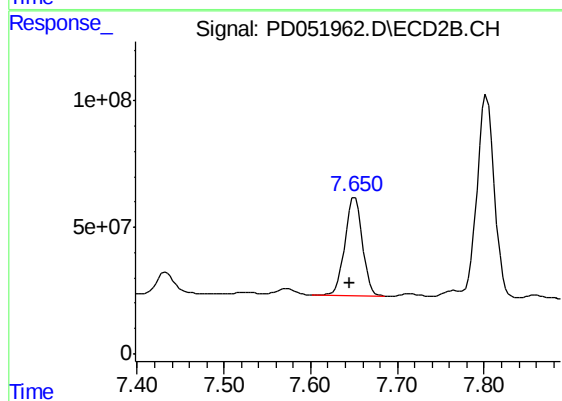
#19 Endosulfan Sulfate

R.T.: 7.329 min
Delta R.T.: 0.005 min
Response: 1124186127
Conc: 47.96 ng/ml



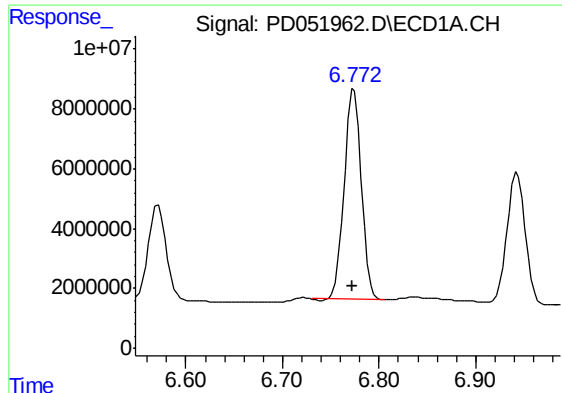
#20 Methoxychlor

R.T.: 6.571 min
Delta R.T.: 0.001 min
Response: 42798276
Conc: 48.19 ng/ml



#20 Methoxychlor

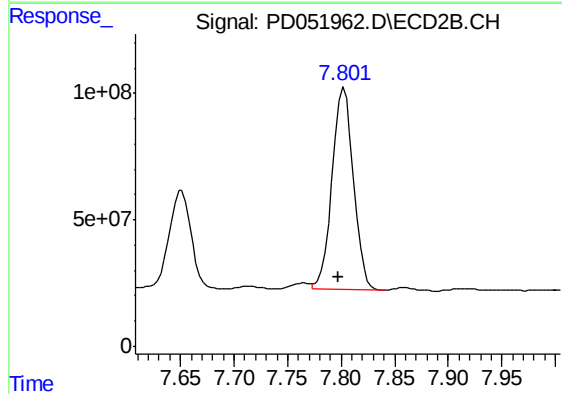
R.T.: 7.651 min
Delta R.T.: 0.006 min
Response: 543632442
Conc: 49.39 ng/ml



#21 Endrin ketone

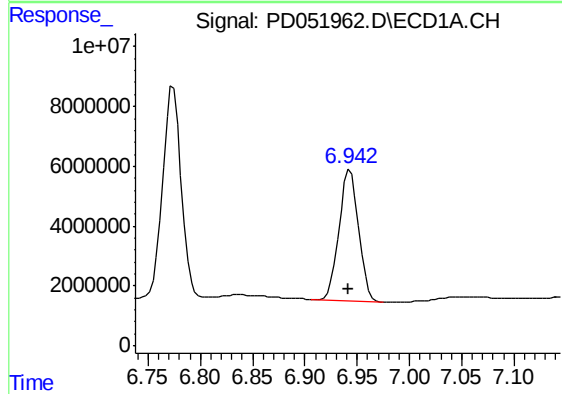
R.T.: 6.774 min
Delta R.T.: 0.001 min
Response: 85615111
Conc: 46.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
S4B(2-10)MSD



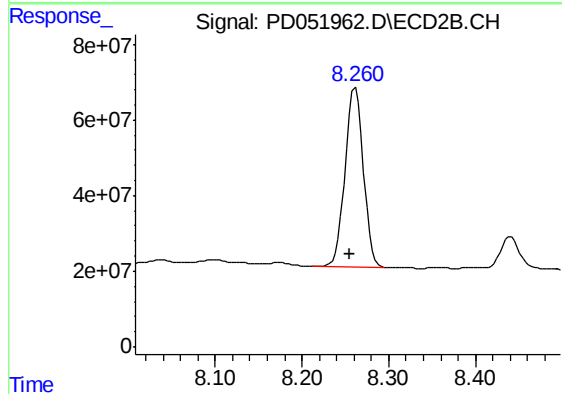
#21 Endrin ketone

R.T.: 7.803 min
Delta R.T.: 0.005 min
Response: 1106446815
Conc: 48.98 ng/ml



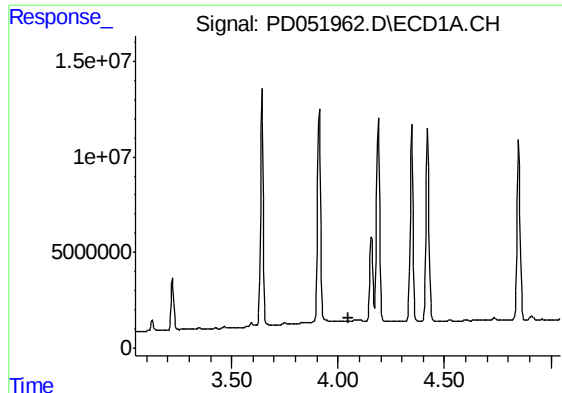
#22 Mirex

R.T.: 6.943 min
Delta R.T.: 0.002 min
Response: 57824431
Conc: 45.97 ng/ml



#22 Mirex

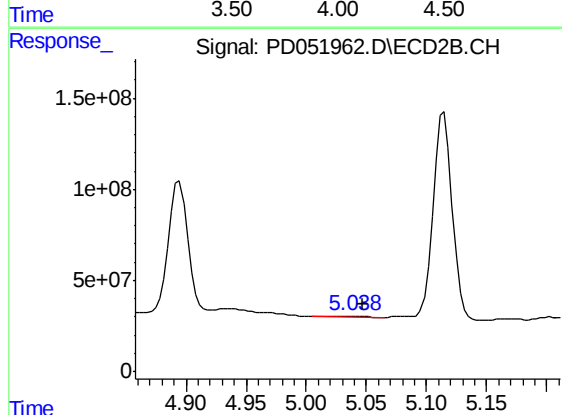
R.T.: 8.262 min
Delta R.T.: 0.006 min
Response: 696555179
Conc: 45.01 ng/ml



#23 Chlordane-1

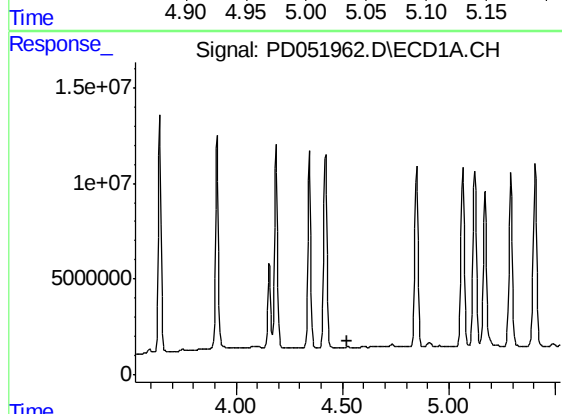
R.T.: 0.000 min
Exp R.T.: 4.046 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
S4B(2-10)MSD



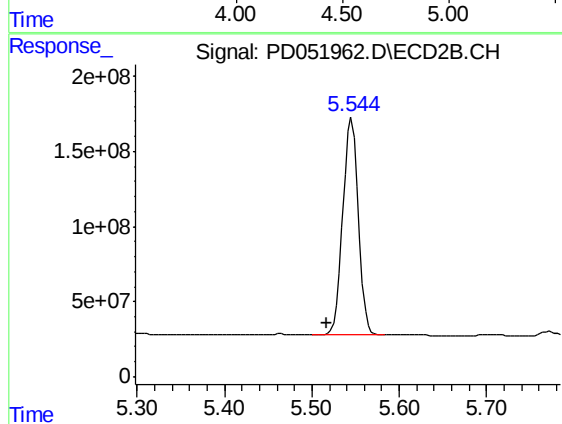
#23 Chlordane-1

R.T.: 5.024 min
Delta R.T.: -0.023 min
Response: 10639728
Conc: 6.95 ng/ml



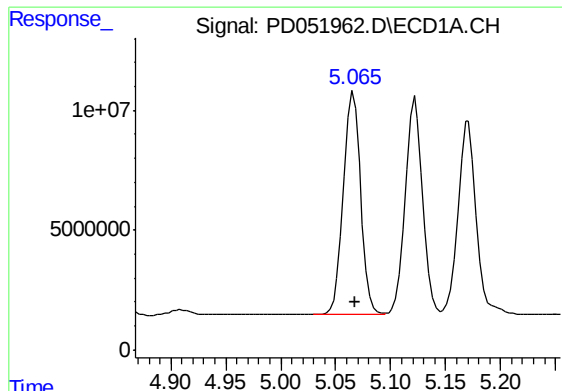
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 4.526 min
Response: 0
Conc: N.D.



#24 Chlordane-2

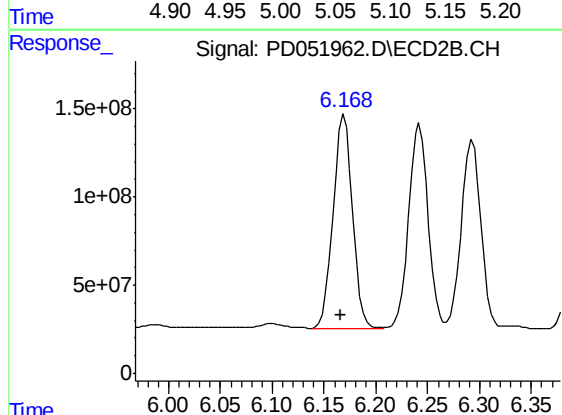
R.T.: 5.546 min
Delta R.T.: 0.029 min
Response: 1765401539
Conc: 1245.00 ng/ml



#25 Chlordane-3

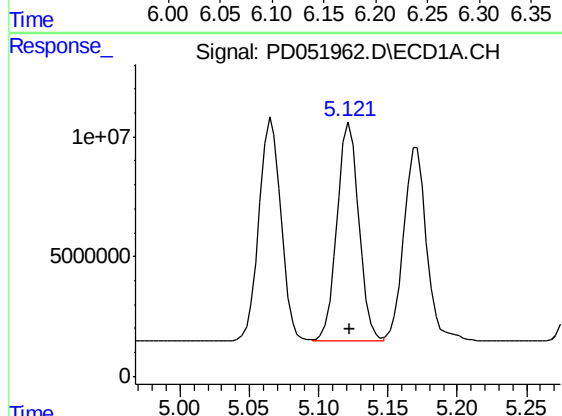
R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 101795068
Conc: 437.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
S4B(2-10)MSD



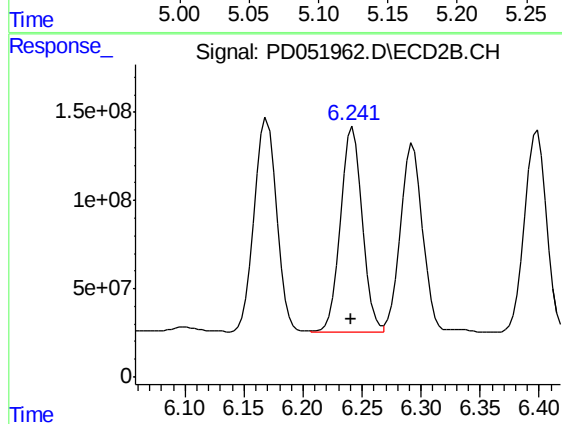
#25 Chlordane-3

R.T.: 6.169 min
Delta R.T.: 0.003 min
Response: 1579094817
Conc: 354.60 ng/ml



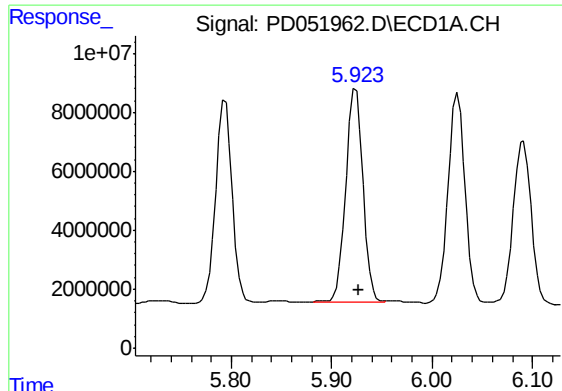
#26 Chlordane-4

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 100363118
Conc: 448.84 ng/ml



#26 Chlordane-4

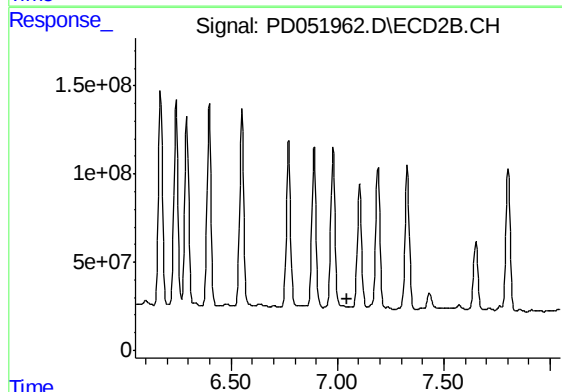
R.T.: 6.242 min
Delta R.T.: 0.002 min
Response: 1520953630
Conc: 290.42 ng/ml



#27 Chlordane-5

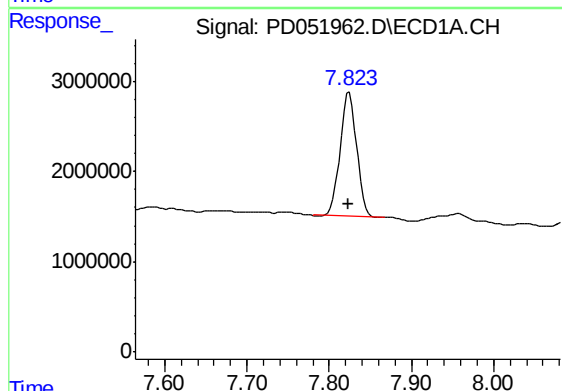
R.T.: 5.924 min
Delta R.T.: -0.003 min
Response: 86154776
Conc: 1199.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
S4B(2-10)MSD



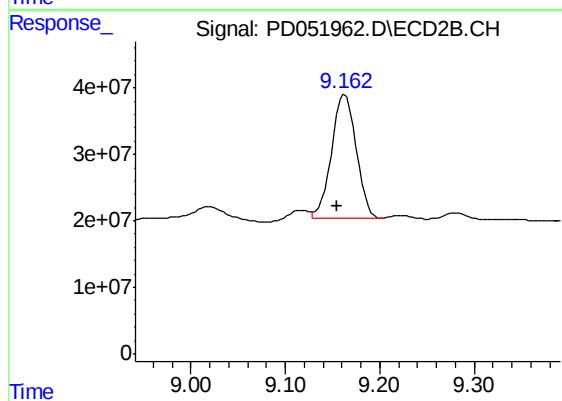
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.049 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.825 min
Delta R.T.: 0.001 min
Response: 19321692
Conc: 17.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.163 min
Delta R.T.: 0.008 min
Response: 341216237
Conc: 18.68 ng/ml