

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060621\
 Data File : PD063486.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jun 2021 07:54
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 08:13:26 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060221.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 03 01:33:41 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.440	3.970	30094472	297.7E6	21.749	22.221
28)	SA Decachlor...	8.197	9.026	29913988	279.7E6	19.021	20.241
Target Compounds							
2)	A alpha-BHC	3.876	4.358	22203226	228.5E6	10.619	11.053
3)	MA gamma-BHC...	4.159	4.643	21435736	220.3E6	10.915	11.615
5)	MB Aldrin	0.000	5.457	0	100246	N.D.	0.005 #
6)	B beta-BHC	4.410	4.814	10852087	93676552	12.474	11.898
8)	B Heptachlo...	0.000	5.837	0	136.4E6	N.D.	7.461 #
9)	A Endosulfan I	0.000	6.195	0	5169272	N.D.	0.303 #
10)	B gamma-Chl...	0.000	6.079	0	1417467	N.D.	0.076 #
11)	B alpha-Chl...	0.000	6.127f	0	2173666	N.D.	0.122 #
12)	B 4,4'-DDE	0.000	6.303	0	2516696	N.D.	0.138 #
13)	MA Dieldrin	5.754f	6.459	652102	17296655	0.371	0.956 #
14)	MA Endrin	5.991	6.671	84242527	763.7E6	52.968	49.687
15)	B Endosulfa...	0.000	6.888	0	6847128	N.D.	0.464 #
16)	A 4,4'-DDD	6.117	6.794	1862275	23026536	1.284	1.548
17)	MA 4,4'-DDT	6.358	7.092	160.1E6	1426.4E6	110.791	94.768
18)	B Endrin al...	6.431	7.004	1069134	17691336	0.899	1.460 #
19)	B Endosulfa...	0.000	7.228	0	642451	N.D.	0.042 #
20)	A Methoxychlor	6.904	7.551	199.2E6	1639.9E6	249.805	221.411
21)	B Endrin ke...	7.138	7.698	3157042	18273871	1.780	1.250 #
22)	Mirex	0.000	8.169f	0	23324602	N.D.	2.333 #
23)	Chlordane-1	4.295f	4.954	583097	360500	12.012	0.623 #
24)	Chlordane-2	0.000	5.457f	0	100246	N.D.	0.179 #
25)	Chlordane-3	0.000	6.079	0	1417467	N.D.	0.574 #
26)	Chlordane-4	0.000	6.127f	0	2173666	N.D.	0.760 #
27)	Chlordane-5	0.000	6.941	0	2029251	N.D.	3.884 #

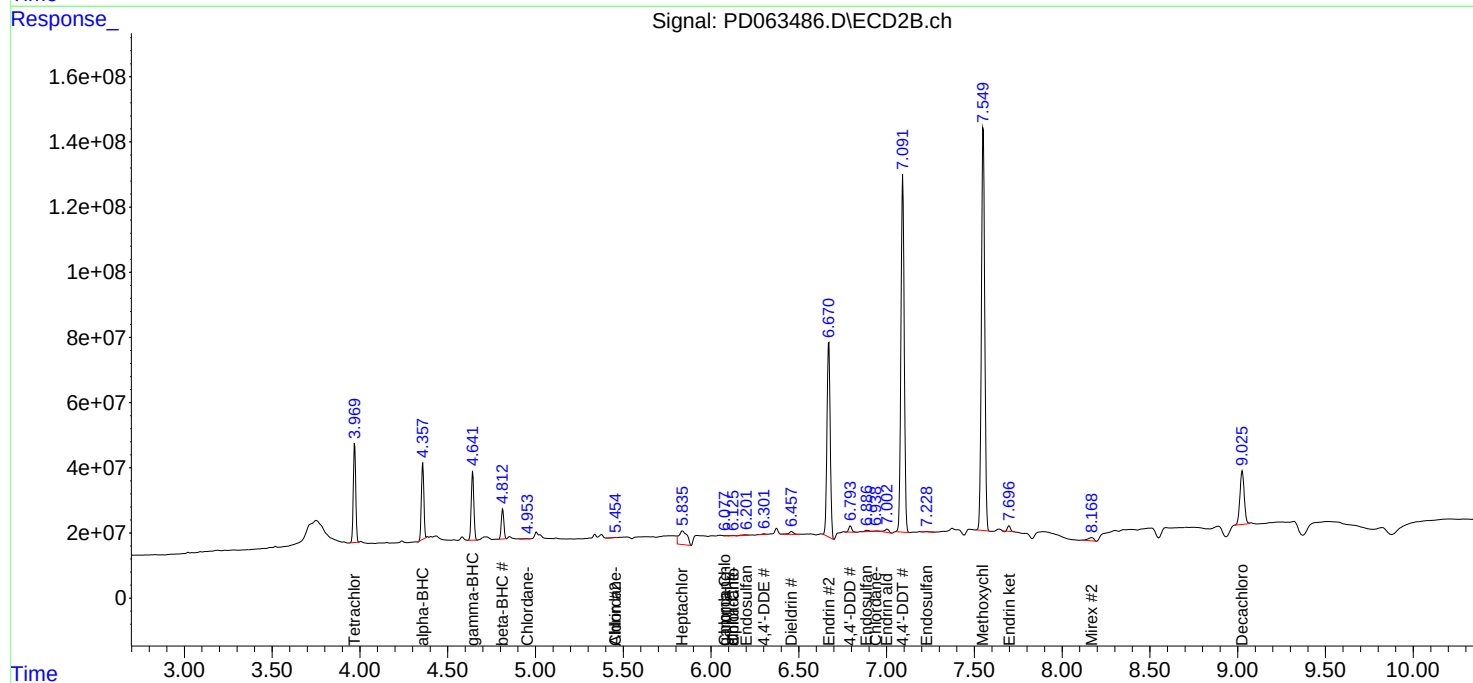
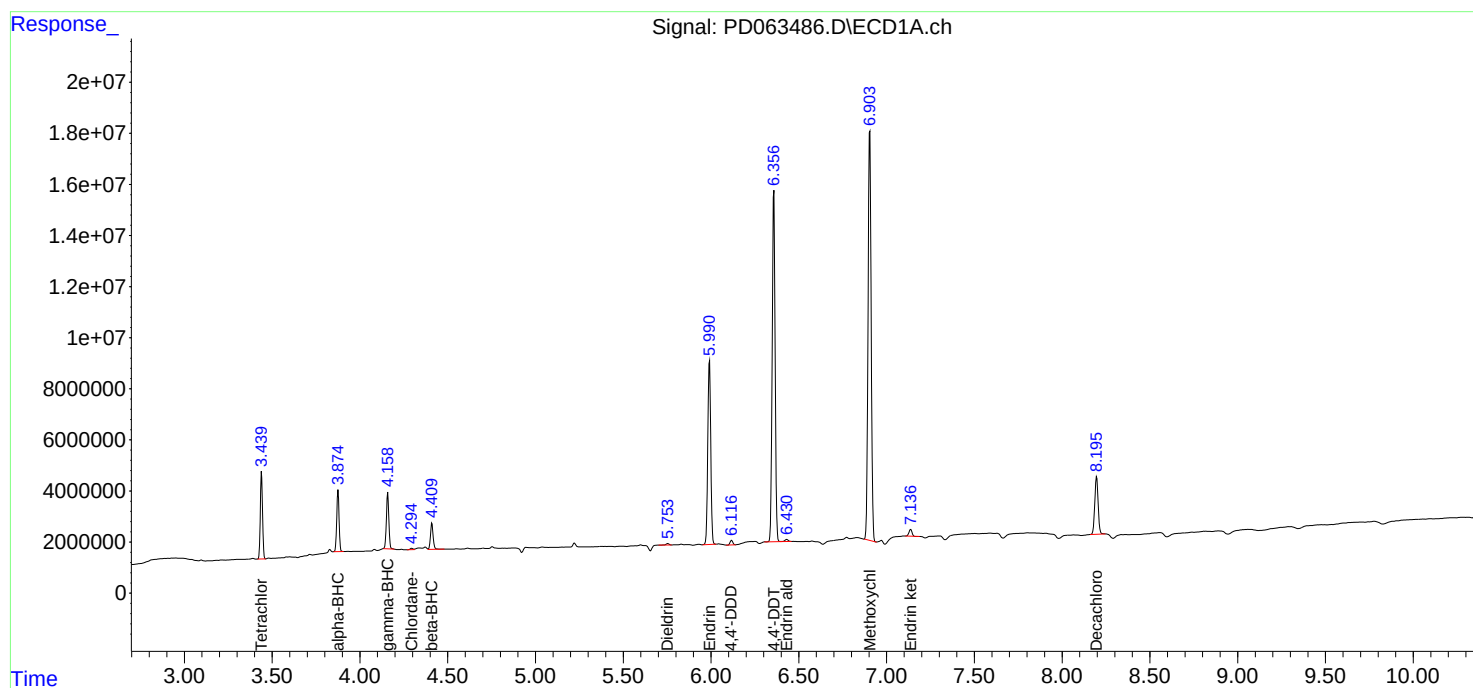
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

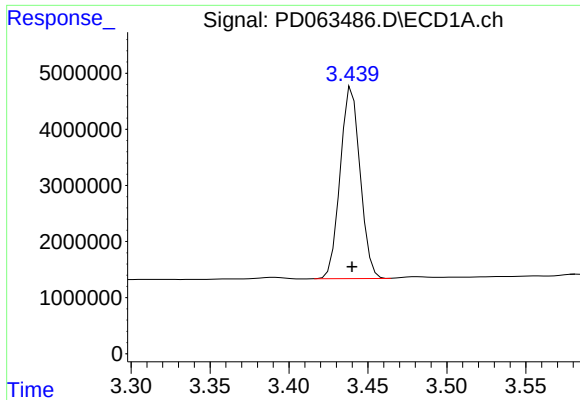
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060621\
Data File : PD063486.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Jun 2021 07:54
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 07 08:13:26 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060221.M
Quant Title : GC Extractables
QLast Update : Thu Jun 03 01:33:41 2021
Response via : Initial Calibration
Integrator: ChemStation

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

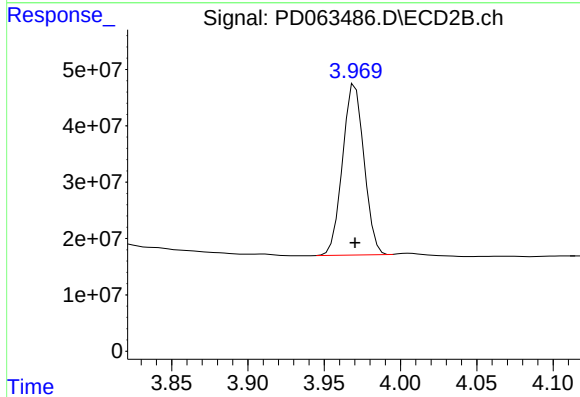




#1 Tetrachloro-m-xylene

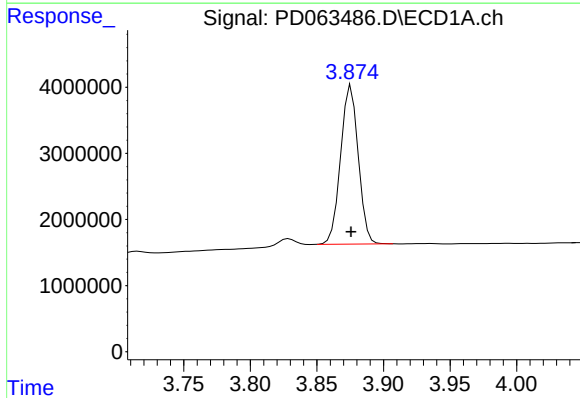
R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 30094472
Conc: 21.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



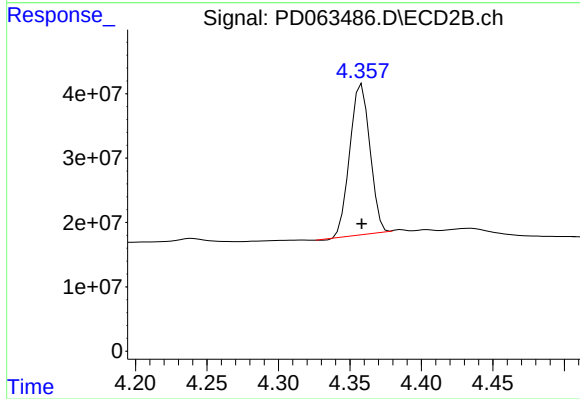
#1 Tetrachloro-m-xylene

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 297736176
Conc: 22.22 ng/ml



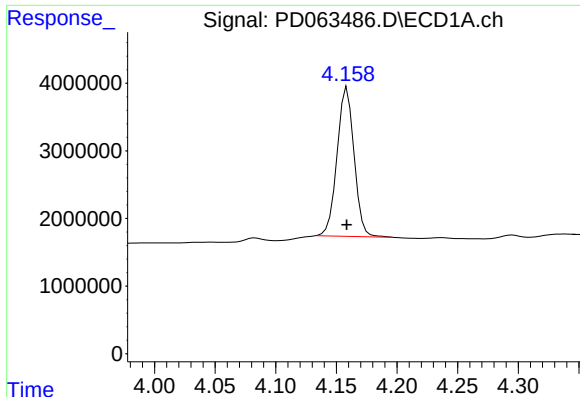
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: 0.000 min
Response: 22203226
Conc: 10.62 ng/ml



#2 alpha-BHC

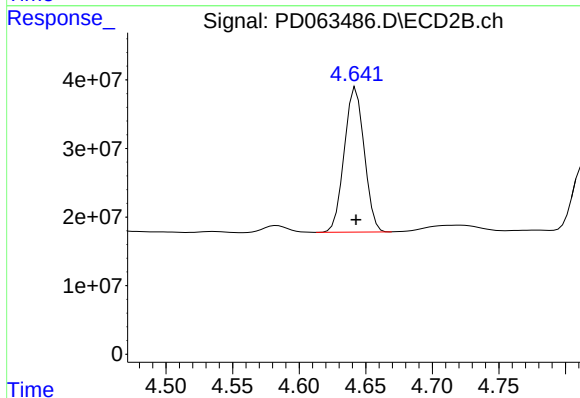
R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 228470386
Conc: 11.05 ng/ml



#3 gamma-BHC (Lindane)

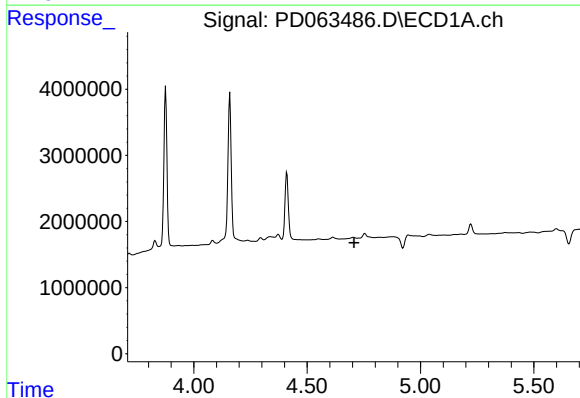
R.T.: 4.159 min
Delta R.T.: 0.000 min
Response: 21435736
Conc: 10.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



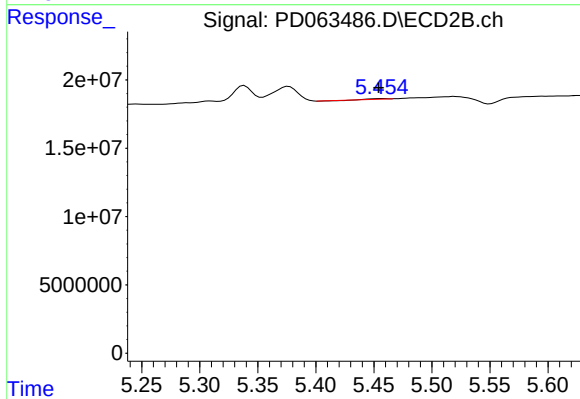
#3 gamma-BHC (Lindane)

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 220291351
Conc: 11.61 ng/ml



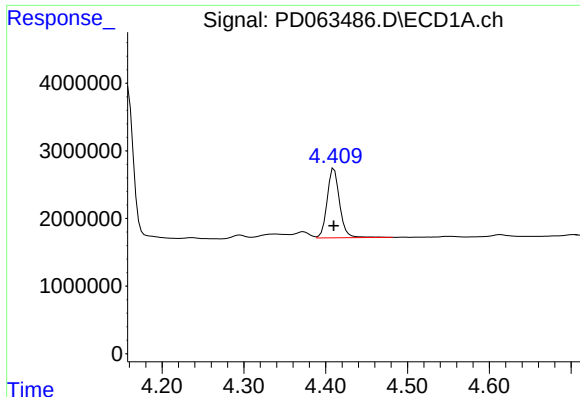
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 4.707 min
Response: 0
Conc: N.D.



#5 Aldrin

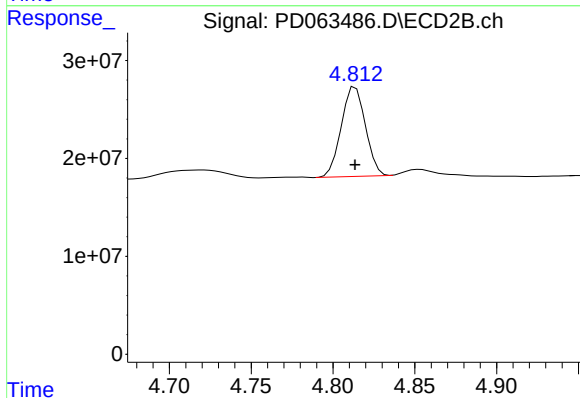
R.T.: 5.457 min
Delta R.T.: 0.002 min
Response: 100246
Conc: 0.01 ng/ml



#6 beta-BHC

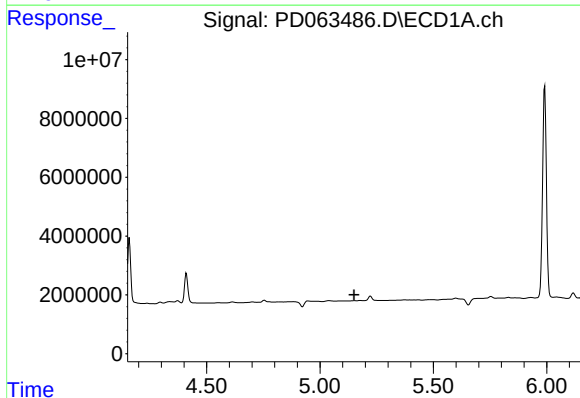
R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 10852087
Conc: 12.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



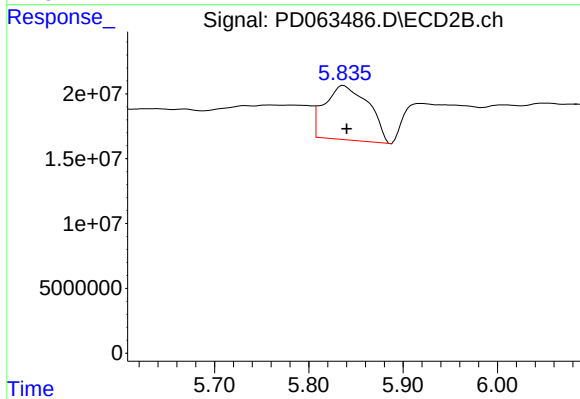
#6 beta-BHC

R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 93676552
Conc: 11.90 ng/ml



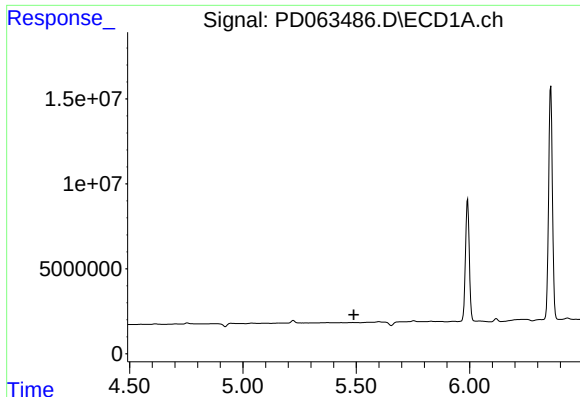
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.150 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

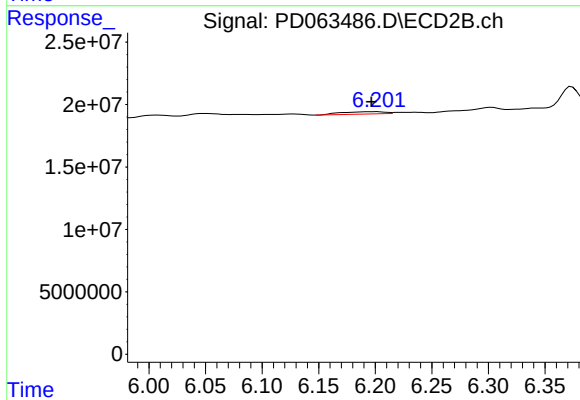
R.T.: 5.837 min
Delta R.T.: -0.003 min
Response: 136384255
Conc: 7.46 ng/ml



#9 Endosulfan I

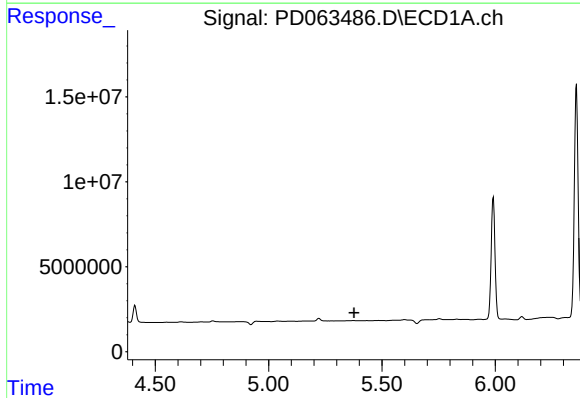
R.T.: 0.000 min
Exp R.T.: 5.489 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



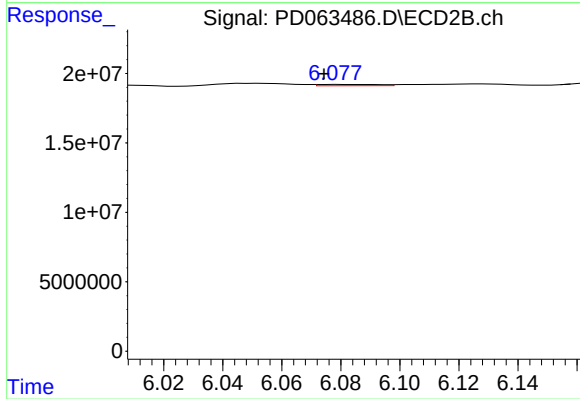
#9 Endosulfan I

R.T.: 6.195 min
Delta R.T.: -0.002 min
Response: 5169272
Conc: 0.30 ng/ml



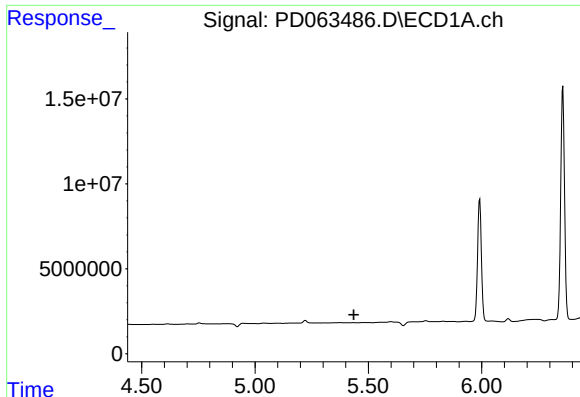
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.377 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

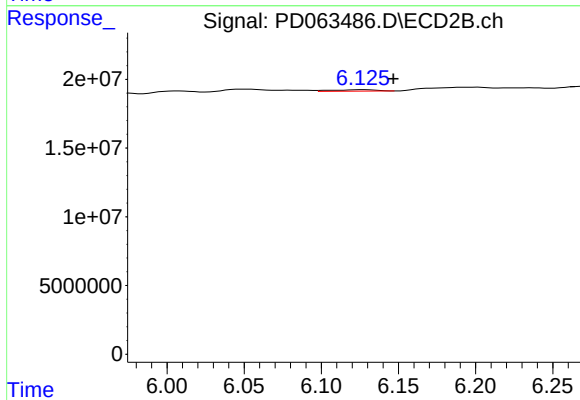
R.T.: 6.079 min
Delta R.T.: 0.004 min
Response: 1417467
Conc: 0.08 ng/ml



#11 alpha-Chlordane

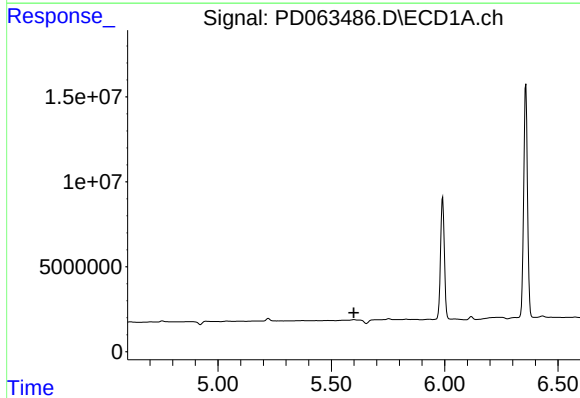
R.T.: 0.000 min
Exp R.T.: 5.436 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



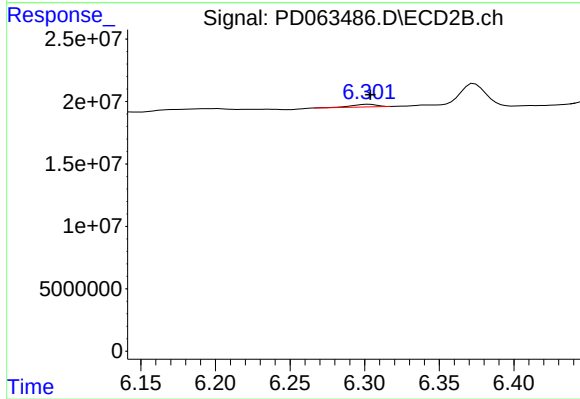
#11 alpha-Chlordane

R.T.: 6.127 min
Delta R.T.: -0.020 min
Response: 2173666
Conc: 0.12 ng/ml



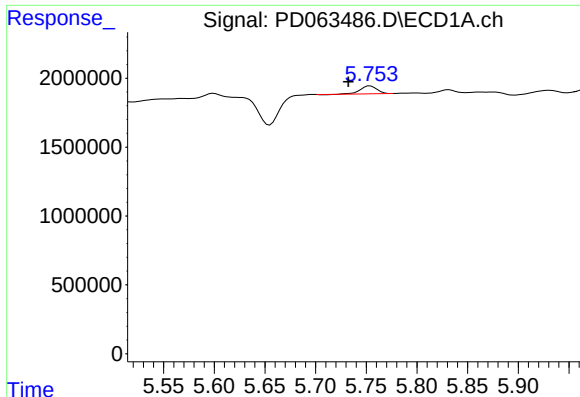
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 5.599 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

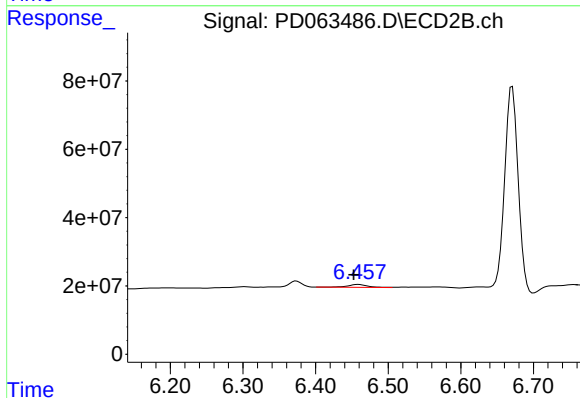
R.T.: 6.303 min
Delta R.T.: -0.001 min
Response: 2516696
Conc: 0.14 ng/ml



#13 Dieldrin

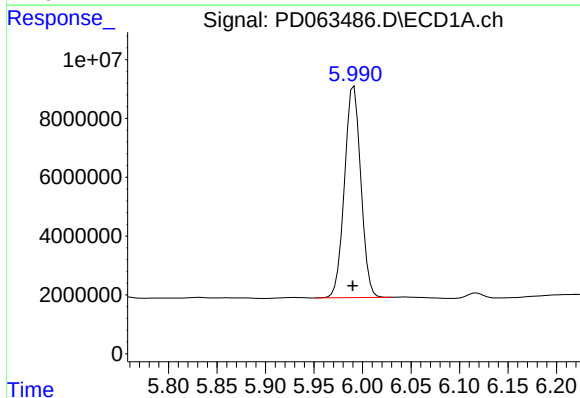
R.T.: 5.754 min
Delta R.T.: 0.022 min
Response: 652102
Conc: 0.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



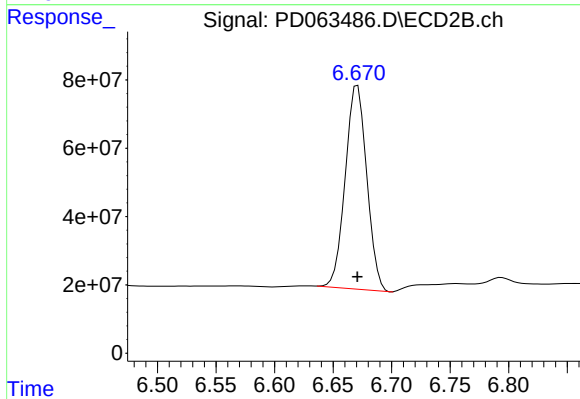
#13 Dieldrin

R.T.: 6.459 min
Delta R.T.: 0.006 min
Response: 17296655
Conc: 0.96 ng/ml



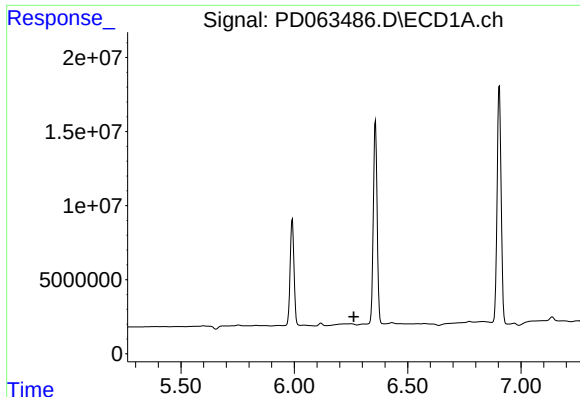
#14 Endrin

R.T.: 5.991 min
Delta R.T.: 0.001 min
Response: 84242527
Conc: 52.97 ng/ml



#14 Endrin

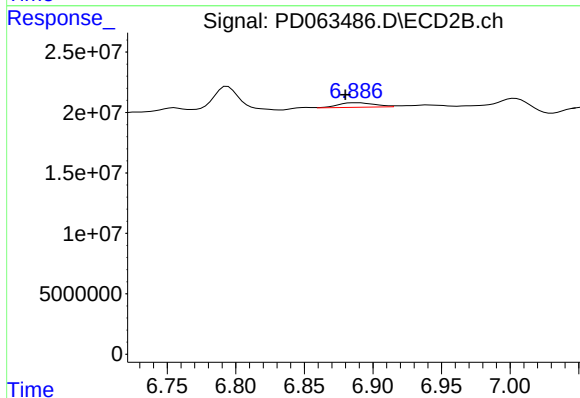
R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 763716214
Conc: 49.69 ng/ml



#15 Endosulfan II

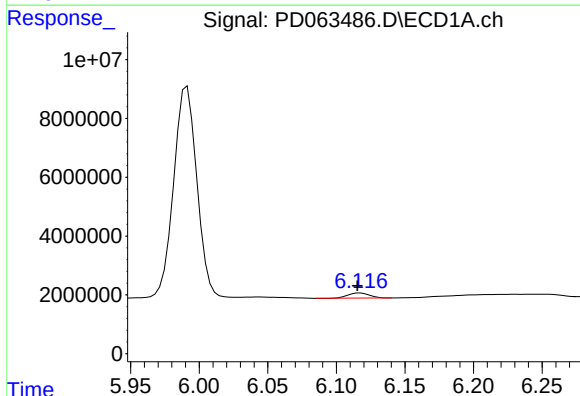
R.T.: 0.000 min
Exp R.T.: 6.263 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



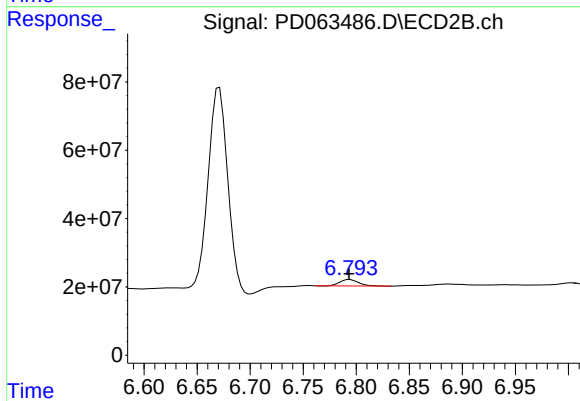
#15 Endosulfan II

R.T.: 6.888 min
Delta R.T.: 0.008 min
Response: 6847128
Conc: 0.46 ng/ml



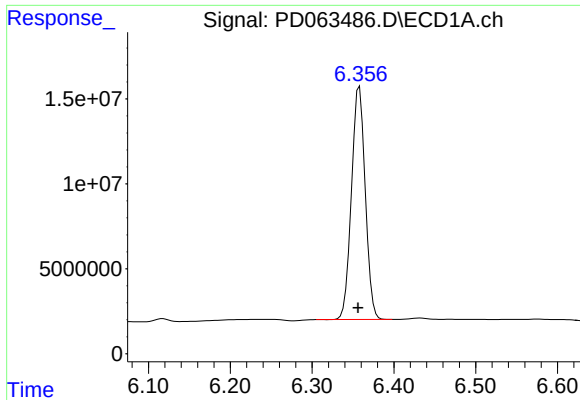
#16 4,4'-DDD

R.T.: 6.117 min
Delta R.T.: 0.002 min
Response: 1862275
Conc: 1.28 ng/ml



#16 4,4'-DDD

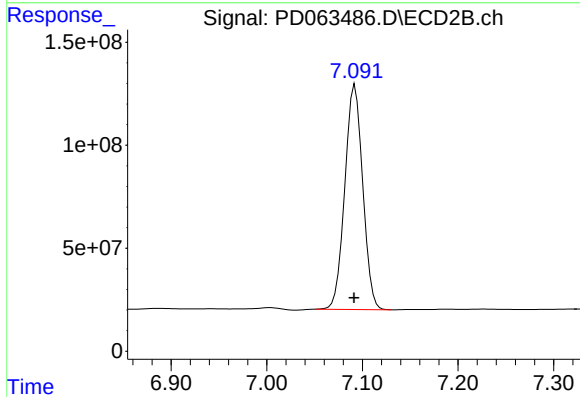
R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 23026536
Conc: 1.55 ng/ml



#17 4,4'-DDT

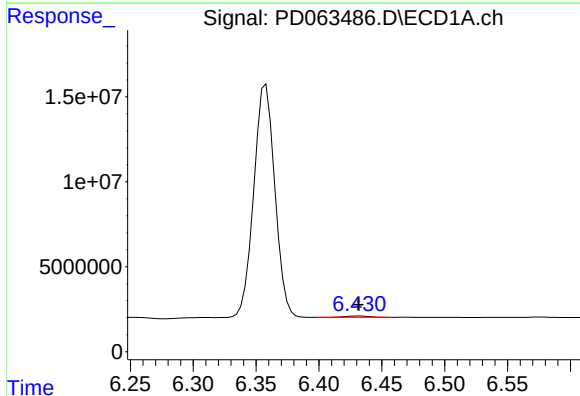
R.T.: 6.358 min
Delta R.T.: 0.002 min
Response: 160060963
Conc: 110.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



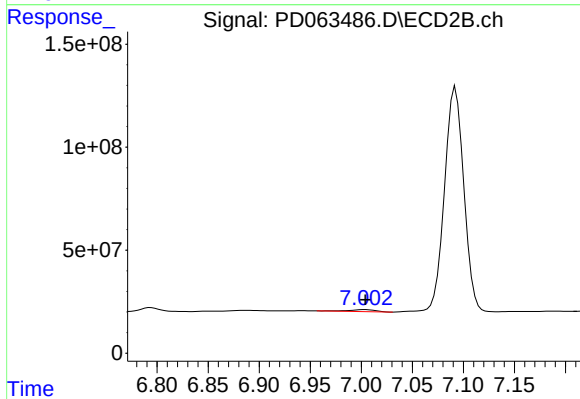
#17 4,4'-DDT

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 1426449227
Conc: 94.77 ng/ml



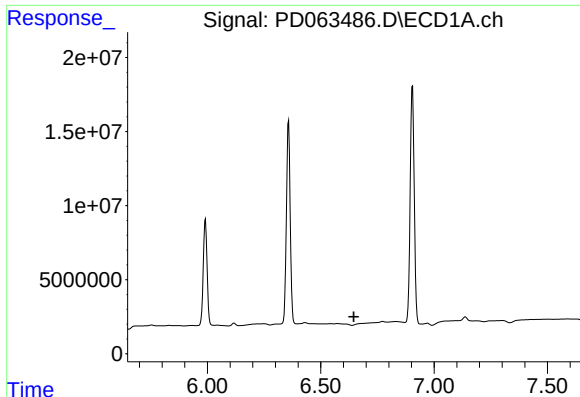
#18 Endrin aldehyde

R.T.: 6.431 min
Delta R.T.: 0.000 min
Response: 1069134
Conc: 0.90 ng/ml



#18 Endrin aldehyde

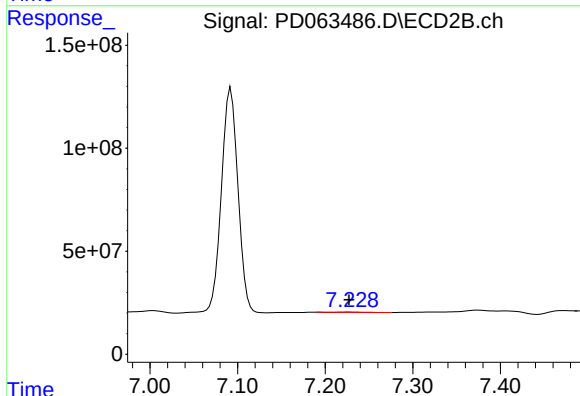
R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 17691336
Conc: 1.46 ng/ml



#19 Endosulfan Sulfate

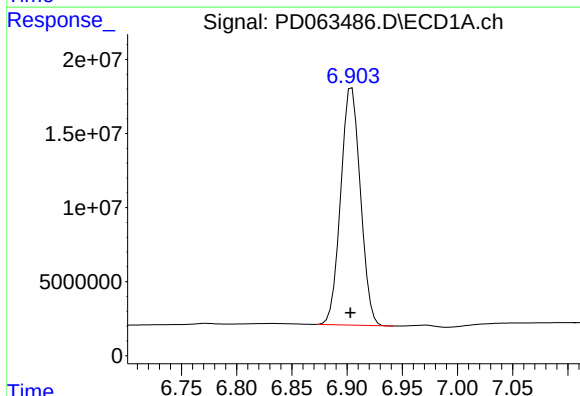
R.T.: 0.000 min
Exp R.T.: 6.645 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



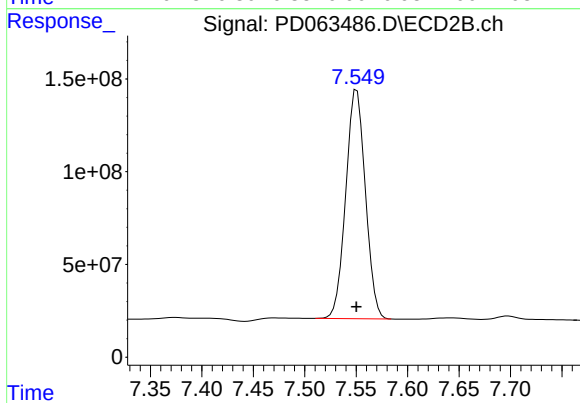
#19 Endosulfan Sulfate

R.T.: 7.228 min
Delta R.T.: 0.000 min
Response: 642451
Conc: 0.04 ng/ml



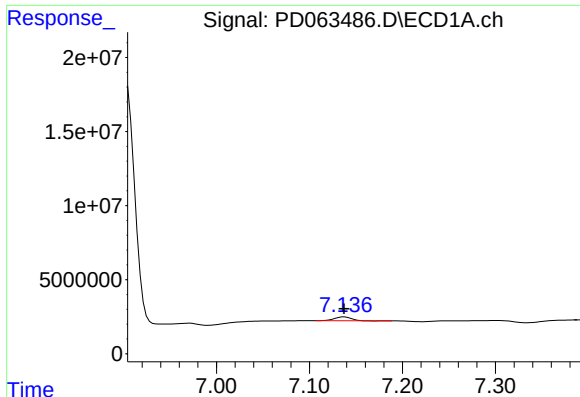
#20 Methoxychlor

R.T.: 6.904 min
Delta R.T.: 0.001 min
Response: 199236147
Conc: 249.81 ng/ml



#20 Methoxychlor

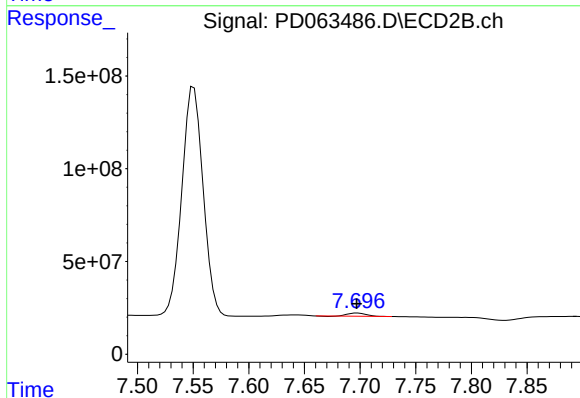
R.T.: 7.551 min
Delta R.T.: 0.000 min
Response: 1639921316
Conc: 221.41 ng/ml



#21 Endrin ketone

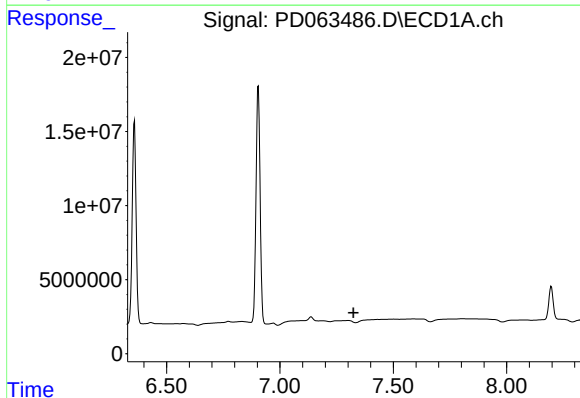
R.T.: 7.138 min
Delta R.T.: 0.000 min
Response: 3157042
Conc: 1.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



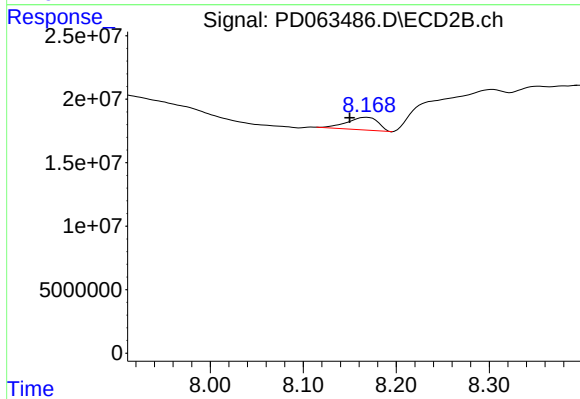
#21 Endrin ketone

R.T.: 7.698 min
Delta R.T.: 0.000 min
Response: 18273871
Conc: 1.25 ng/ml



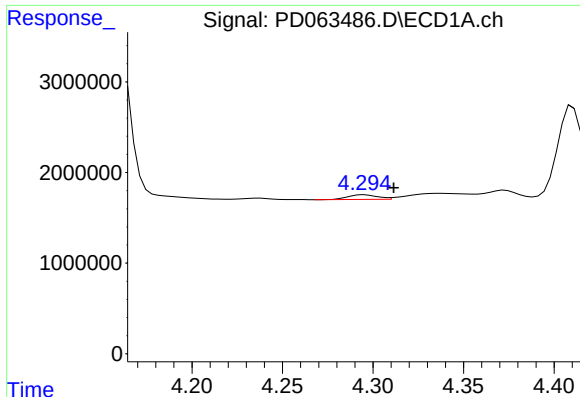
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.325 min
Response: 0
Conc: N.D.



#22 Mirex

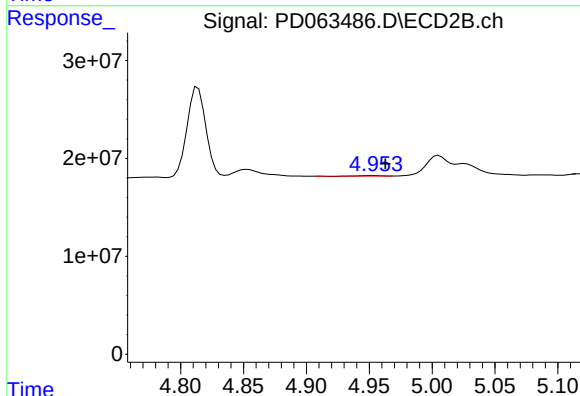
R.T.: 8.169 min
Delta R.T.: 0.019 min
Response: 23324602
Conc: 2.33 ng/ml



#23 Chlordane-1

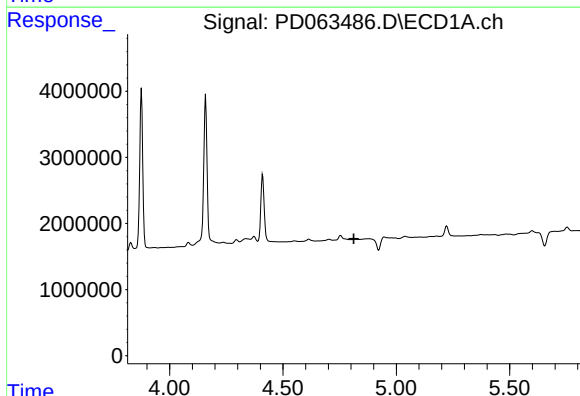
R.T.: 4.295 min
Delta R.T.: -0.016 min
Response: 583097
Conc: 12.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



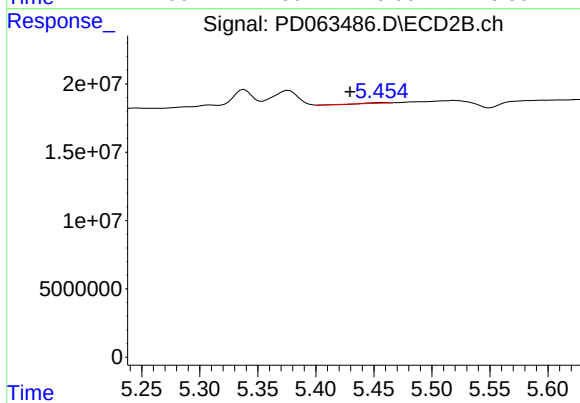
#23 Chlordane-1

R.T.: 4.954 min
Delta R.T.: -0.009 min
Response: 360500
Conc: 0.62 ng/ml



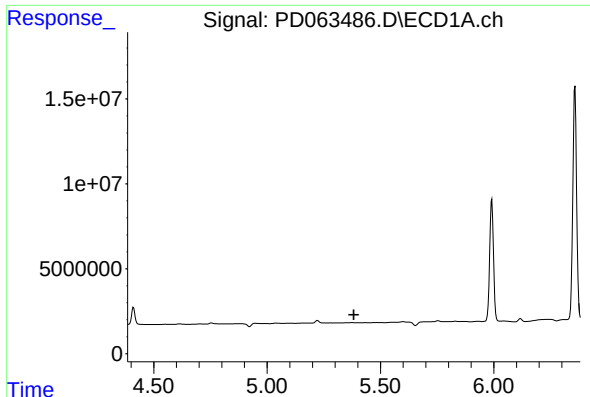
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.813 min
Response: 0
Conc: N.D.



#24 Chlordane-2

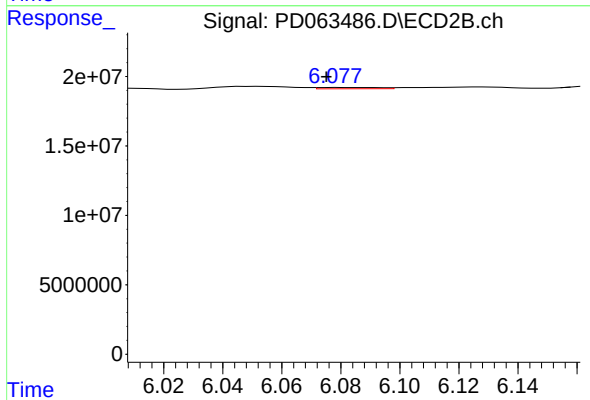
R.T.: 5.457 min
Delta R.T.: 0.027 min
Response: 100246
Conc: 0.18 ng/ml



#25 Chlordane-3

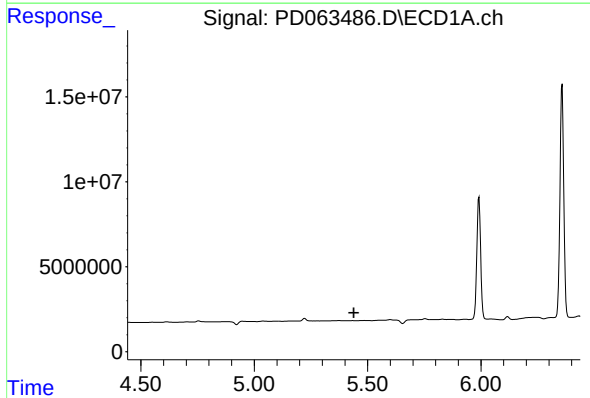
R.T.: 0.000 min
Exp R.T.: 5.382 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



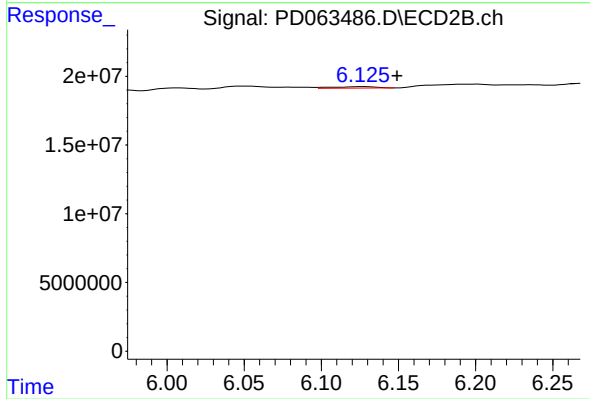
#25 Chlordane-3

R.T.: 6.079 min
Delta R.T.: 0.004 min
Response: 1417467
Conc: 0.57 ng/ml



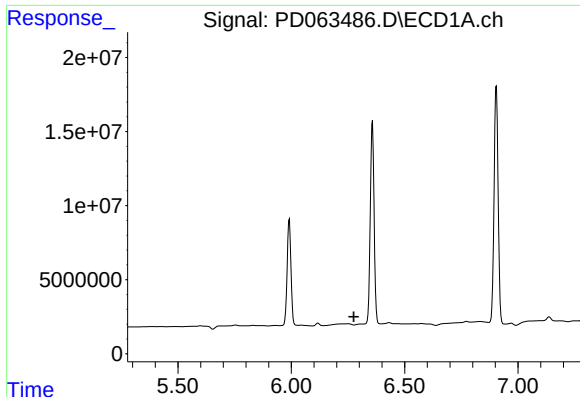
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 5.439 min
Response: 0
Conc: N.D.



#26 Chlordane-4

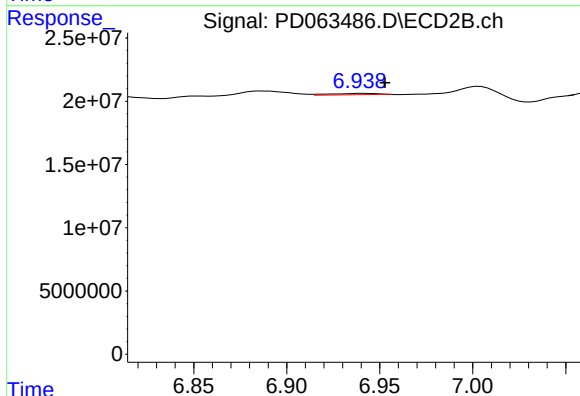
R.T.: 6.127 min
Delta R.T.: -0.022 min
Response: 2173666
Conc: 0.76 ng/ml



#27 Chlordane-5

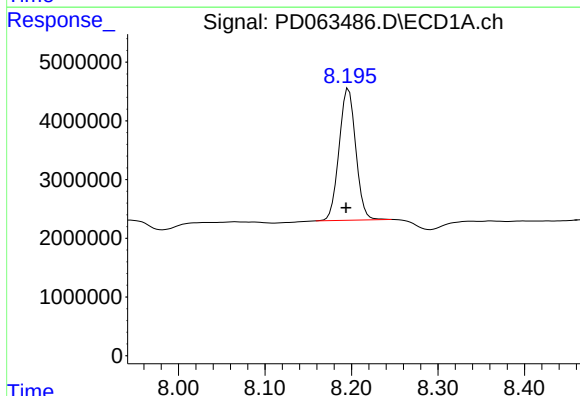
R.T.: 0.000 min
Exp R.T.: 6.276 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



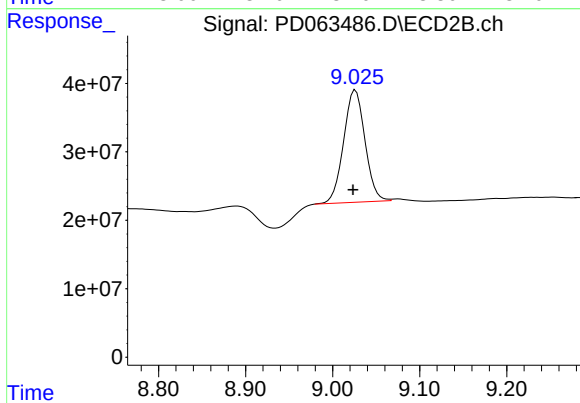
#27 Chlordane-5

R.T.: 6.941 min
Delta R.T.: -0.012 min
Response: 2029251
Conc: 3.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.197 min
Delta R.T.: 0.003 min
Response: 29913988
Conc: 19.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: 0.003 min
Response: 279695173
Conc: 20.24 ng/ml