

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031821\
 Data File : PD061741.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2021 19:48
 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: Mar 19 06:37:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031721.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 18 07:52:17 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...	3.485	3.982	18201887	182.7E6	21.295	21.299
28)	SA Decachlor...	8.259	9.042	25650739	184.1E6	20.960	21.175
Target Compounds							
2)	A alpha-BHC	3.925	4.370	13357505	131.3E6	10.271	10.324
3)	MA gamma-BHC...	4.210	4.655	12724822	127.4E6	10.542	10.935
4)	MA Heptachlor	0.000	5.160	0	344863	N.D.	0.029 #
6)	B beta-BHC	4.460	4.824	6283952	52812141	11.200	10.937
7)	B delta-BHC	0.000	5.018f	0	12978578	N.D.	1.076 #
8)	B Heptachlo...	0.000	5.847	0	97646048	N.D.	9.164 #
9)	A Endosulfan I	0.000	6.198	0	840082	N.D.	0.080 #
10)	B gamma-Chl...	0.000	6.088	0	10212431	N.D.	0.905 #
11)	B alpha-Chl...	0.000	6.180f	0	1354969	N.D.	0.124 #
12)	B 4,4'-DDE	5.657	6.313	627234	1633362	0.553	0.147 #
13)	MA Dieldrin	5.807	6.471	565636	10267616	0.484	0.920 #
14)	MA Endrin	6.051	6.685	48289128	426.7E6	45.907	45.573
15)	B Endosulfa...	6.321	6.902	1030238	8025470	0.997	0.866
16)	A 4,4'-DDD	6.175	6.806	4661609	45244225	4.868	5.004
17)	MA 4,4'-DDT	6.417	7.106	96358532	844.6E6	95.863	85.672
18)	B Endrin al...	6.493	7.017	3141714	24367972	3.604	3.207
20)	A Methoxychlor	6.963	7.563	126.4E6	984.4E6	230.974	212.367
21)	B Endrin ke...	7.200	7.711	12548066	53372018	9.665	5.548 #
22)	Mirex	0.000	8.185f	0	1043896	N.D.	0.178 #
23)	Chlordane-1	4.344f	4.960	13982	457969	0.423	1.239 #
25)	Chlordane-3	0.000	6.088	0	10212431	N.D.	6.383 #
26)	Chlordane-4	0.000	6.180f	0	1354969	N.D.	0.733 #
27)	Chlordane-5	6.321	0.000	1030238	0	23.294	N.D. #

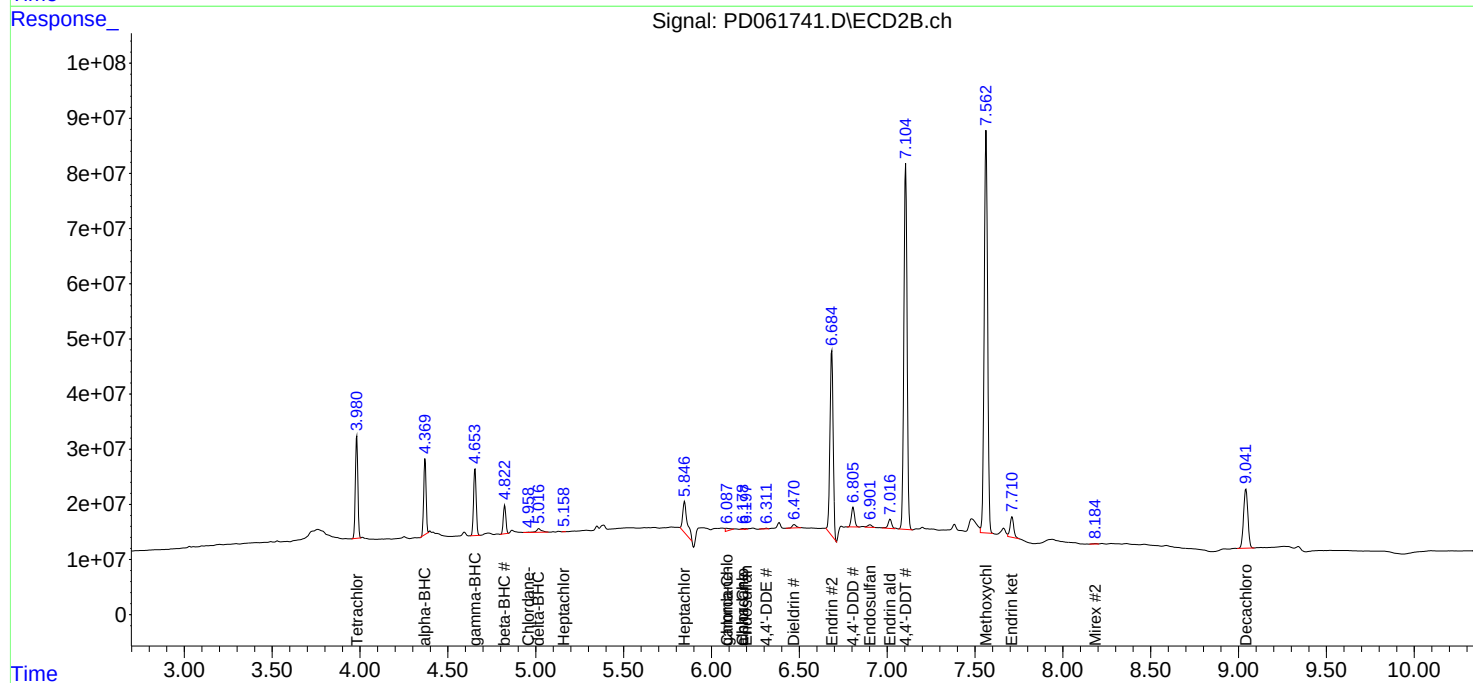
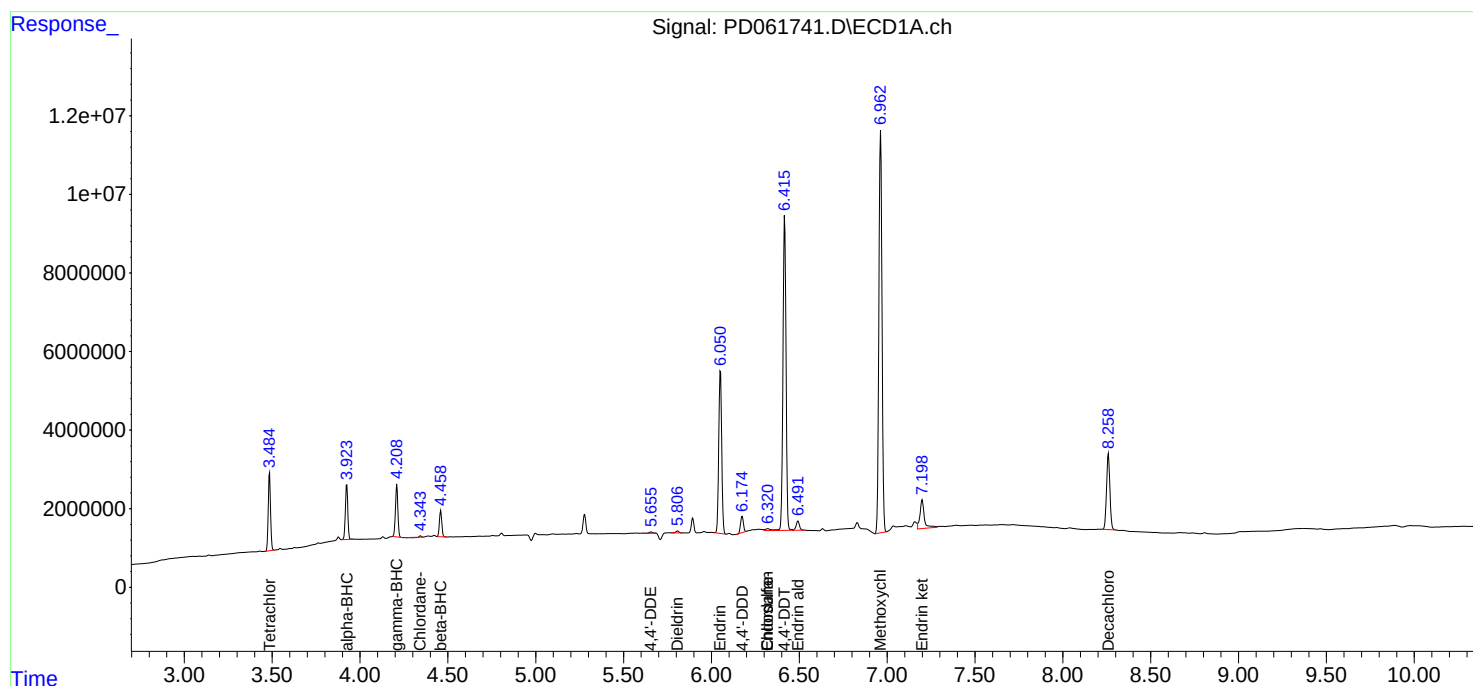
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

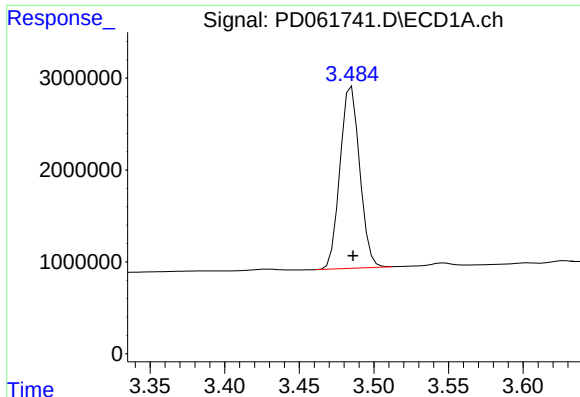
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031821\
Data File : PD061741.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Mar 2021 19:48
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 06:37:41 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031721.M
Quant Title : GC Extractables
QLast Update : Thu Mar 18 07:52:17 2021
Response via : Initial Calibration
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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

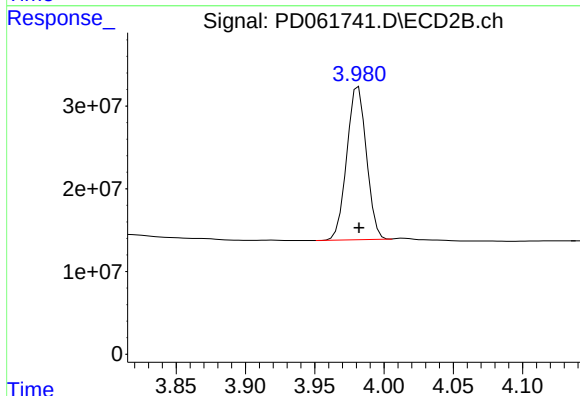




#1 Tetrachloro-m-xylene

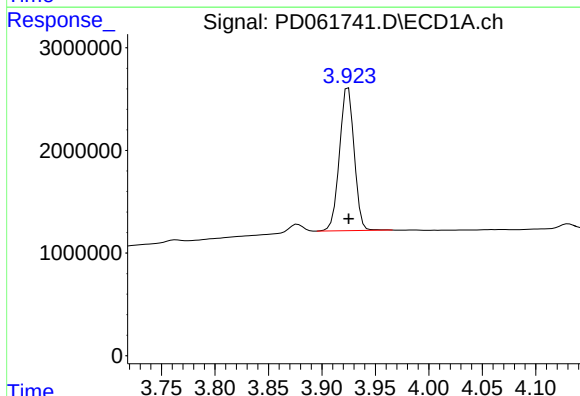
R.T.: 3.485 min
Delta R.T.: 0.000 min
Response: 18201887
Conc: 21.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



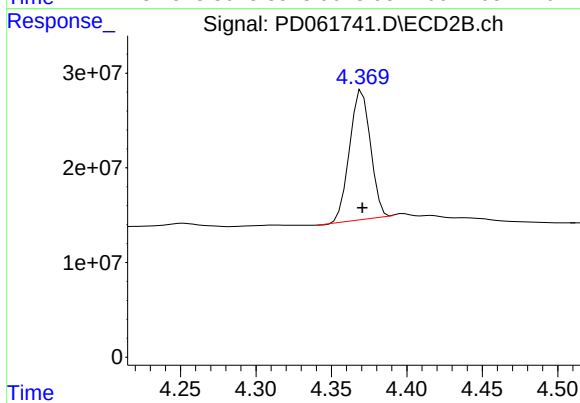
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 182730495
Conc: 21.30 ng/ml



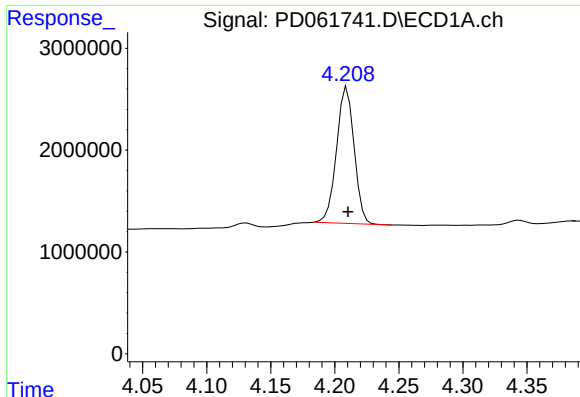
#2 alpha-BHC

R.T.: 3.925 min
Delta R.T.: 0.000 min
Response: 13357505
Conc: 10.27 ng/ml



#2 alpha-BHC

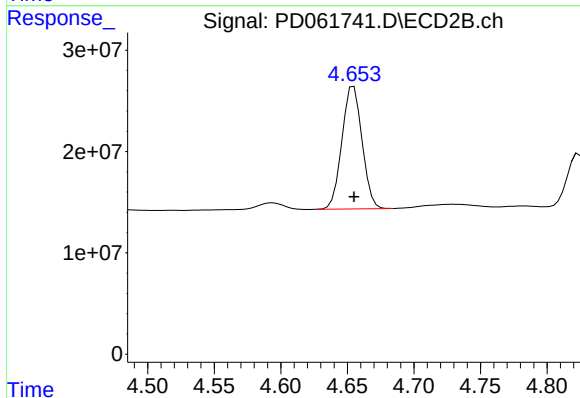
R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 131292885
Conc: 10.32 ng/ml



#3 gamma-BHC (Lindane)

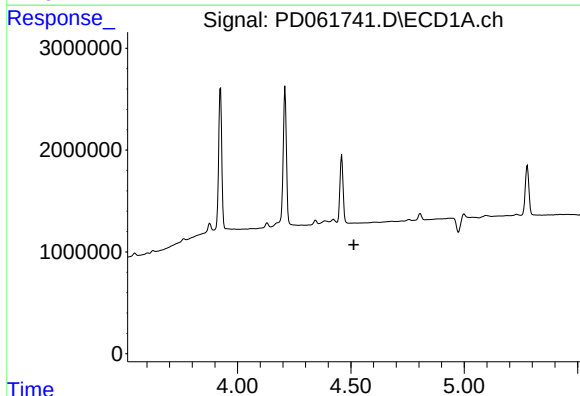
R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 12724822
Conc: 10.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



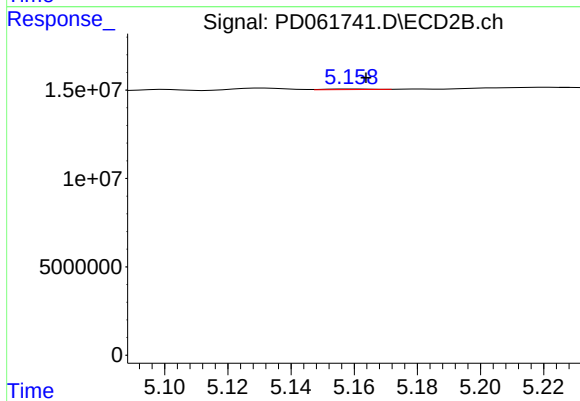
#3 gamma-BHC (Lindane)

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 127411286
Conc: 10.93 ng/ml



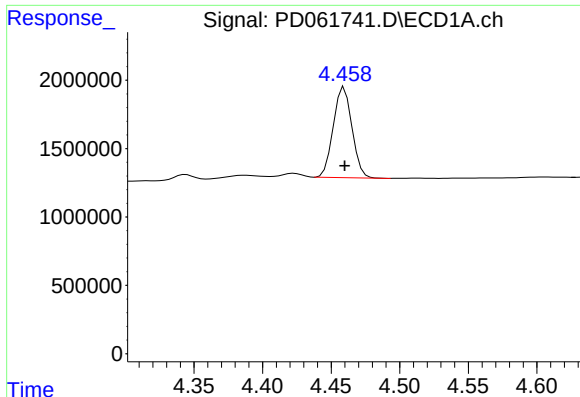
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.514 min
Response: 0
Conc: N.D.



#4 Heptachlor

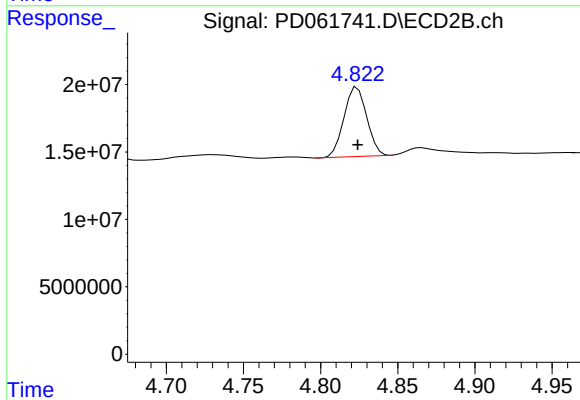
R.T.: 5.160 min
Delta R.T.: -0.003 min
Response: 344863
Conc: 0.03 ng/ml



#6 beta-BHC

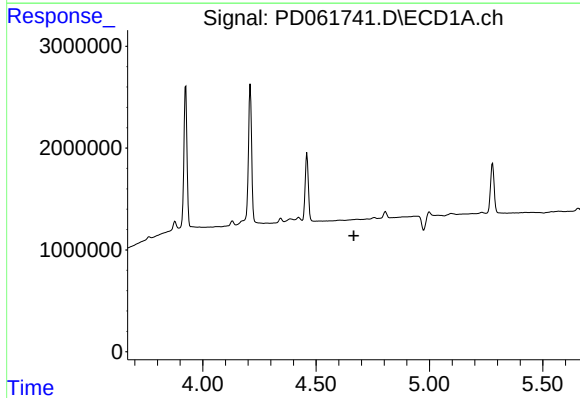
R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 6283952
Conc: 11.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



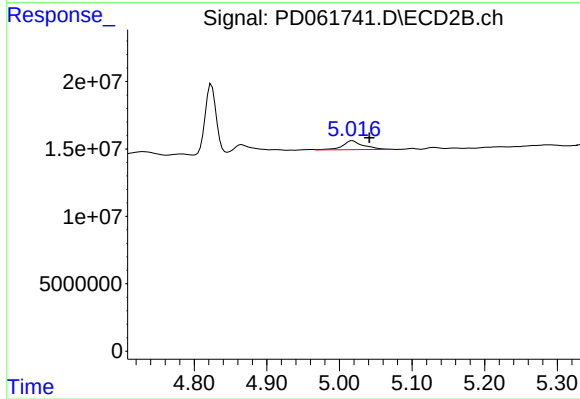
#6 beta-BHC

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 52812141
Conc: 10.94 ng/ml



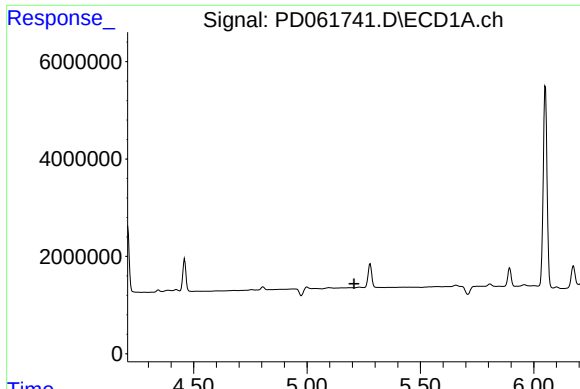
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.667 min
Response: 0
Conc: N.D.



#7 delta-BHC

R.T.: 5.018 min
Delta R.T.: -0.023 min
Response: 12978578
Conc: 1.08 ng/ml



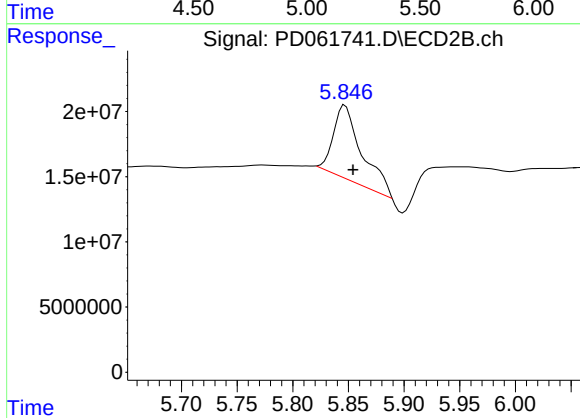
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T.: 5.208 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM

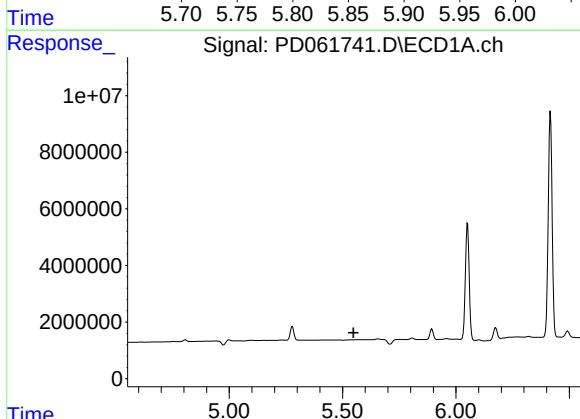
#8 Heptachlor epoxide

R.T.: 5.847 min
Delta R.T.: -0.007 min
Response: 97646048
Conc: 9.16 ng/ml



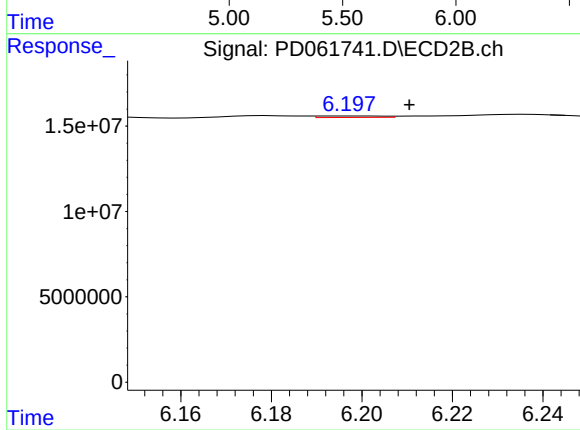
#9 Endosulfan I

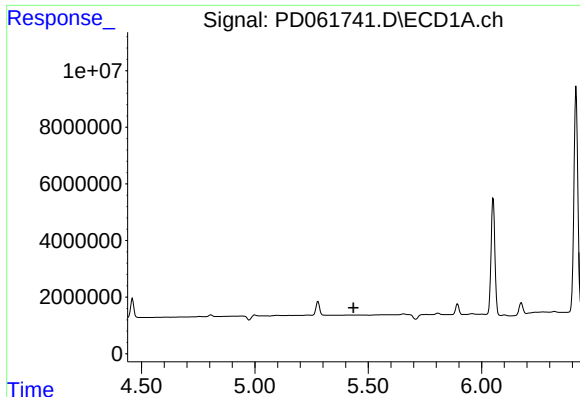
R.T.: 0.000 min
Exp R.T.: 5.548 min
Response: 0
Conc: N.D.



#9 Endosulfan I

R.T.: 6.198 min
Delta R.T.: -0.013 min
Response: 840082
Conc: 0.08 ng/ml

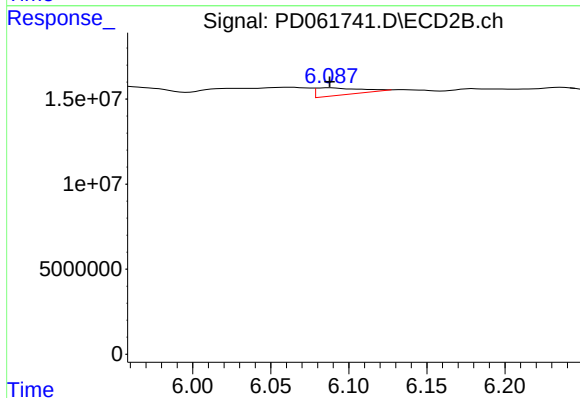




#10 gamma-Chlordane

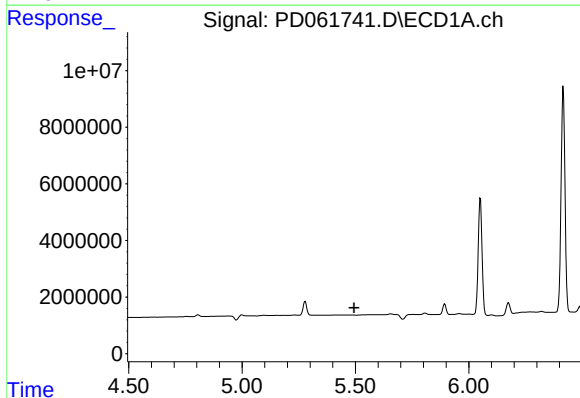
R.T.: 0.000 min
Exp R.T.: 5.435 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



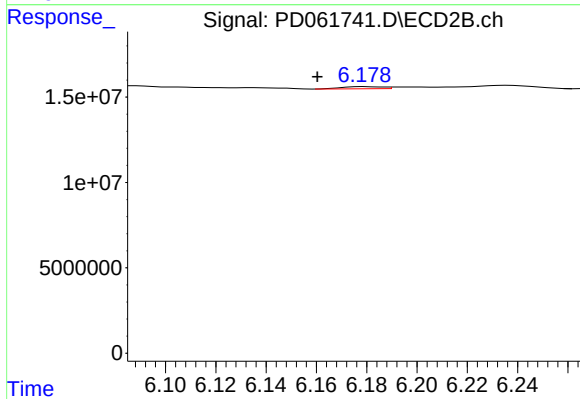
#10 gamma-Chlordane

R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 10212431
Conc: 0.90 ng/ml



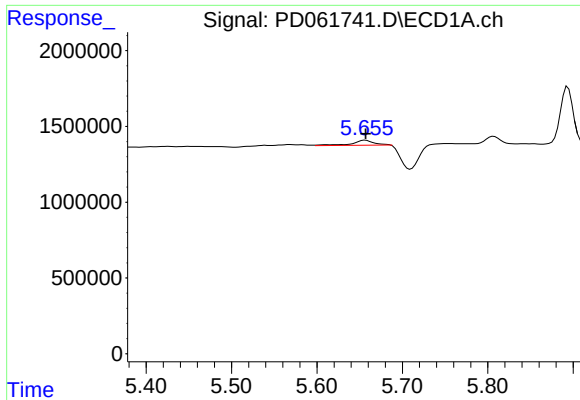
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.494 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

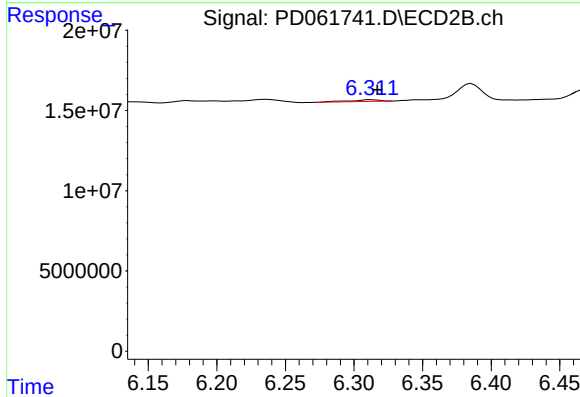
R.T.: 6.180 min
Delta R.T.: 0.019 min
Response: 1354969
Conc: 0.12 ng/ml



#12 4,4'-DDE

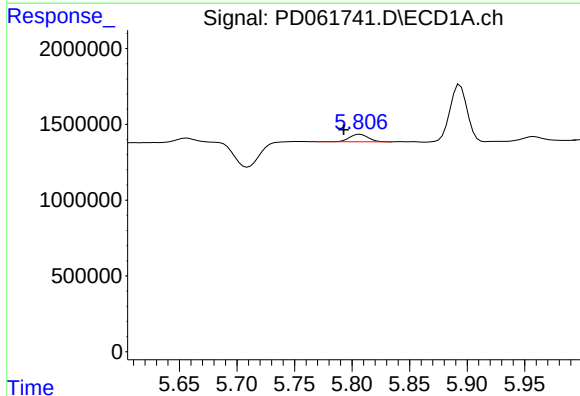
R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 627234
Conc: 0.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



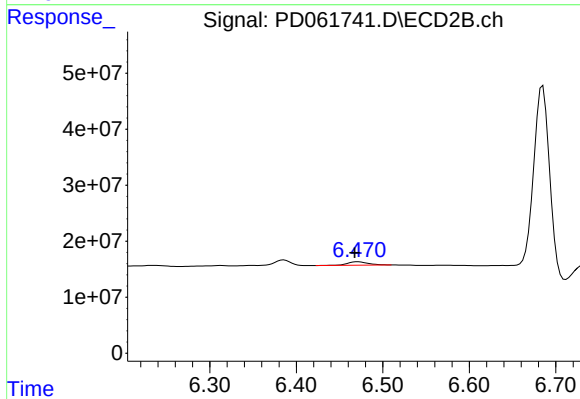
#12 4,4'-DDE

R.T.: 6.313 min
Delta R.T.: -0.004 min
Response: 1633362
Conc: 0.15 ng/ml



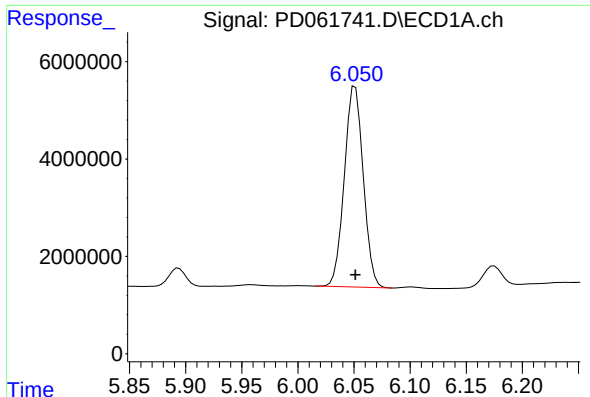
#13 Dieldrin

R.T.: 5.807 min
Delta R.T.: 0.014 min
Response: 565636
Conc: 0.48 ng/ml



#13 Dieldrin

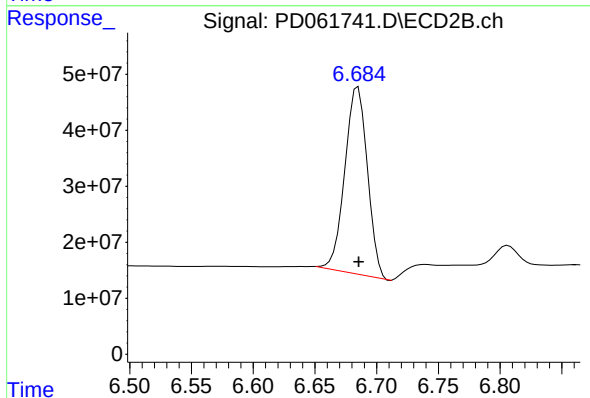
R.T.: 6.471 min
Delta R.T.: 0.004 min
Response: 10267616
Conc: 0.92 ng/ml



#14 Endrin

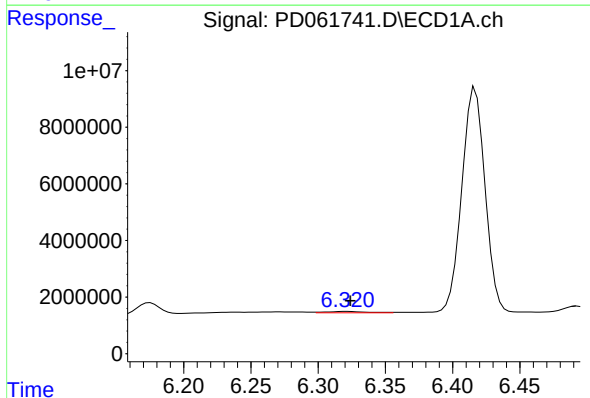
R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 48289128
Conc: 45.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



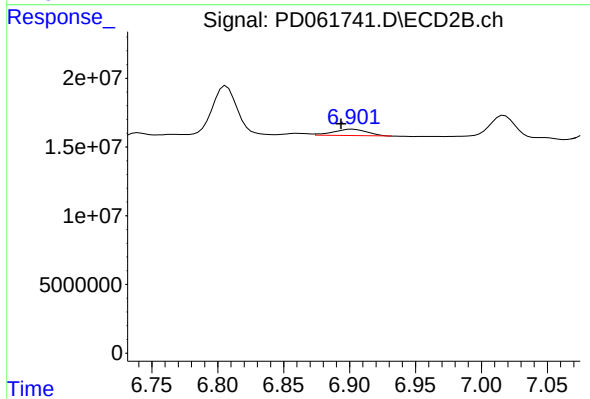
#14 Endrin

R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 426671108
Conc: 45.57 ng/ml



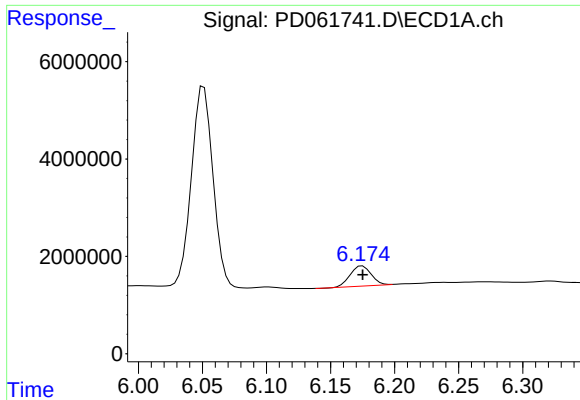
#15 Endosulfan II

R.T.: 6.321 min
Delta R.T.: -0.003 min
Response: 1030238
Conc: 1.00 ng/ml



#15 Endosulfan II

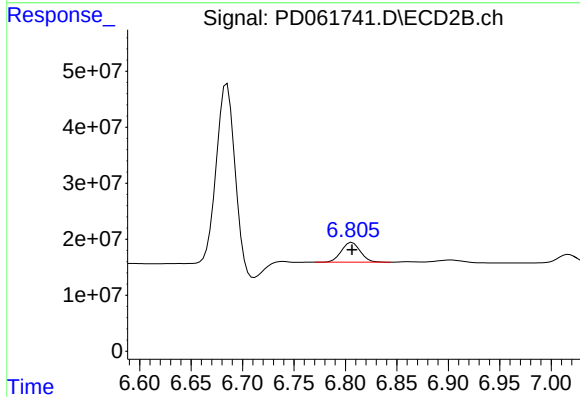
R.T.: 6.902 min
Delta R.T.: 0.009 min
Response: 8025470
Conc: 0.87 ng/ml



#16 4,4'-DDD

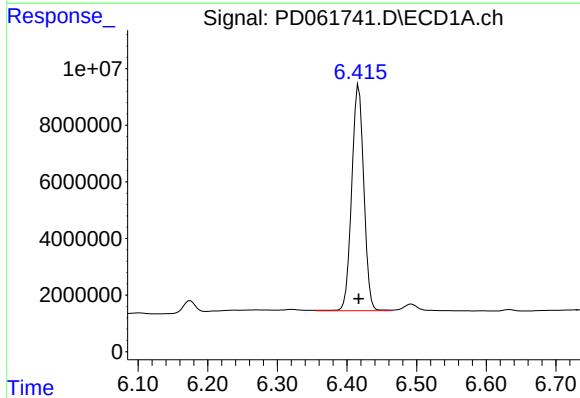
R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 4661609
Conc: 4.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



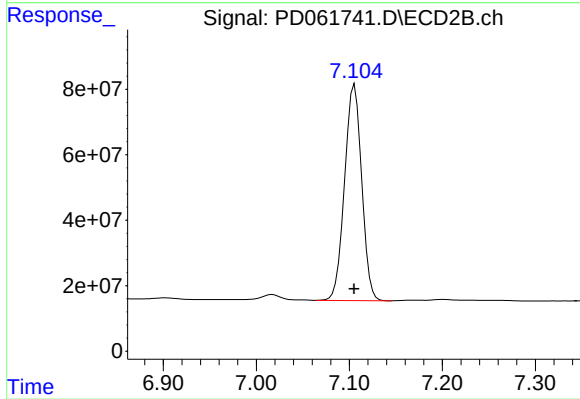
#16 4,4'-DDD

R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 45244225
Conc: 5.00 ng/ml



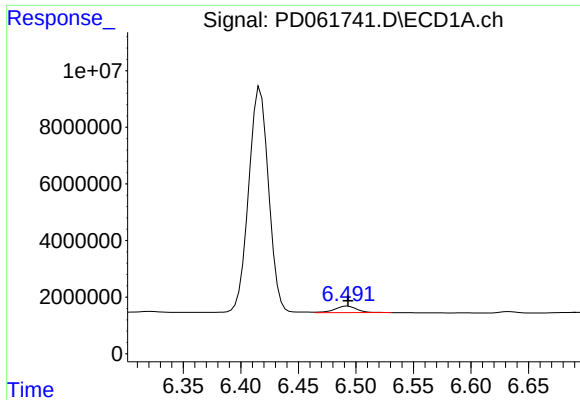
#17 4,4'-DDT

R.T.: 6.417 min
Delta R.T.: 0.000 min
Response: 96358532
Conc: 95.86 ng/ml



#17 4,4'-DDT

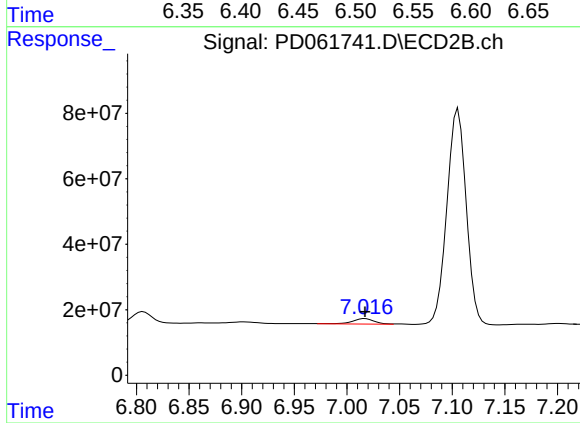
R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 844591573
Conc: 85.67 ng/ml



#18 Endrin aldehyde

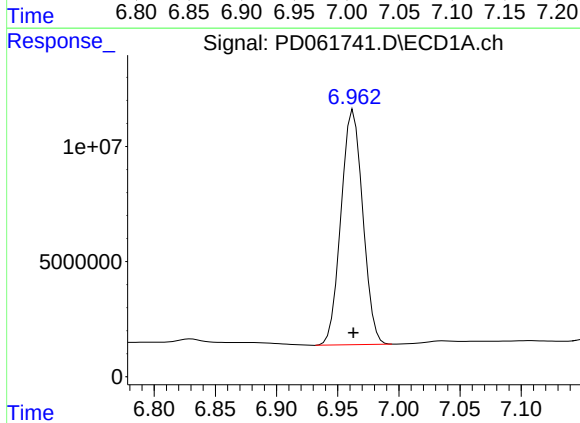
R.T.: 6.493 min
Delta R.T.: 0.000 min
Response: 3141714
Conc: 3.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



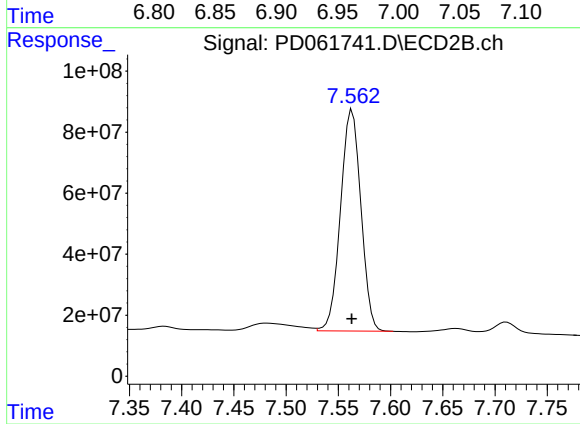
#18 Endrin aldehyde

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 24367972
Conc: 3.21 ng/ml



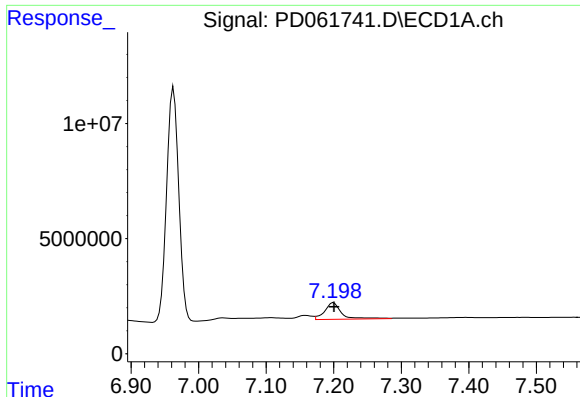
#20 Methoxychlor

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 126432683
Conc: 230.97 ng/ml



#20 Methoxychlor

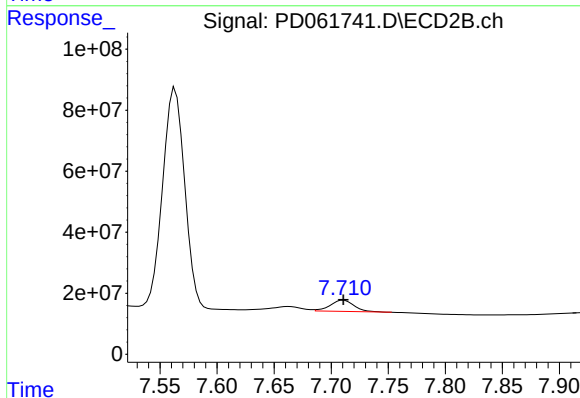
R.T.: 7.563 min
Delta R.T.: 0.000 min
Response: 984381377
Conc: 212.37 ng/ml



#21 Endrin ketone

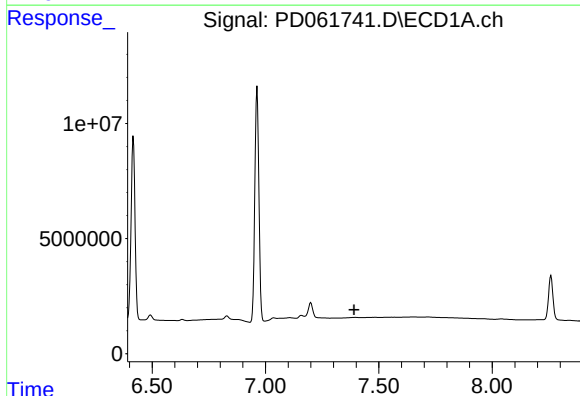
R.T.: 7.200 min
Delta R.T.: 0.000 min
Response: 12548066
Conc: 9.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



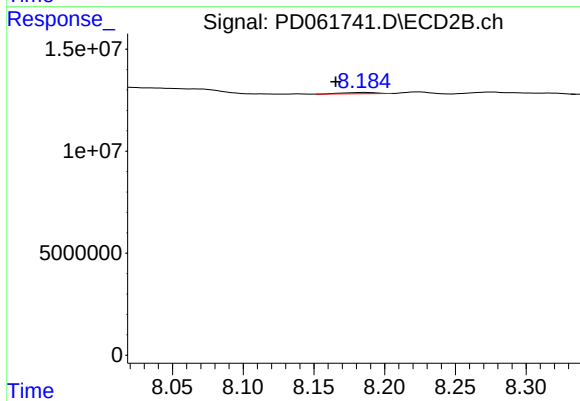
#21 Endrin ketone

R.T.: 7.711 min
Delta R.T.: 0.000 min
Response: 53372018
Conc: 5.55 ng/ml



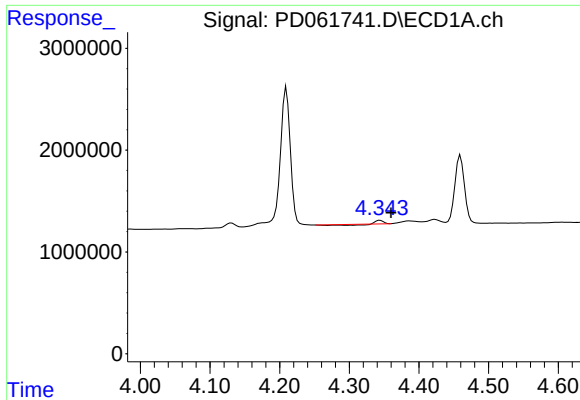
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.392 min
Response: 0
Conc: N.D.



#22 Mirex

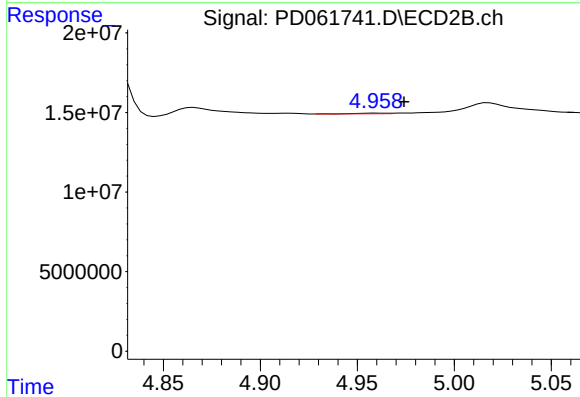
R.T.: 8.185 min
Delta R.T.: 0.020 min
Response: 1043896
Conc: 0.18 ng/ml



#23 Chlordane-1

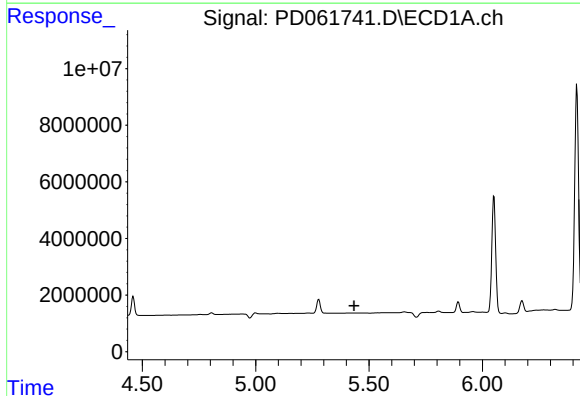
R.T.: 4.344 min
Delta R.T.: -0.016 min
Response: 13982
Conc: 0.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



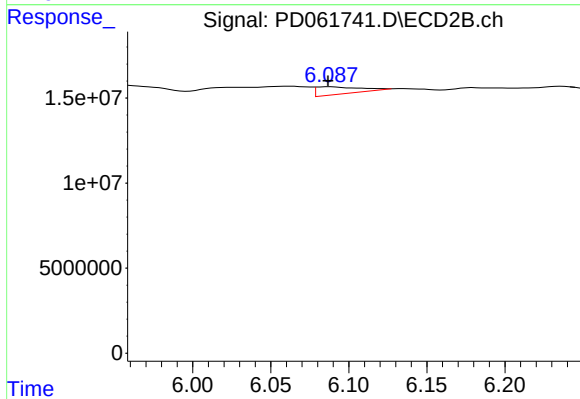
#23 Chlordane-1

R.T.: 4.960 min
Delta R.T.: -0.014 min
Response: 457969
Conc: 1.24 ng/ml



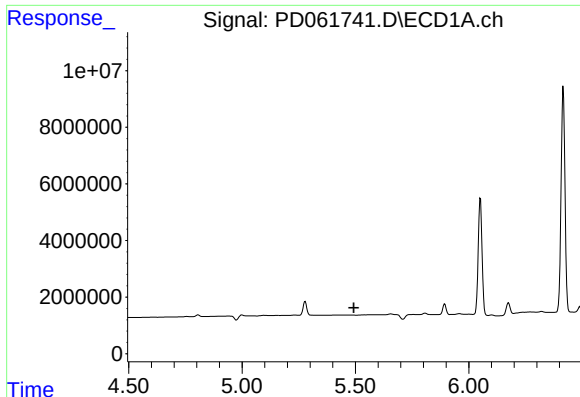
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 5.434 min
Response: 0
Conc: N.D.



#25 Chlordane-3

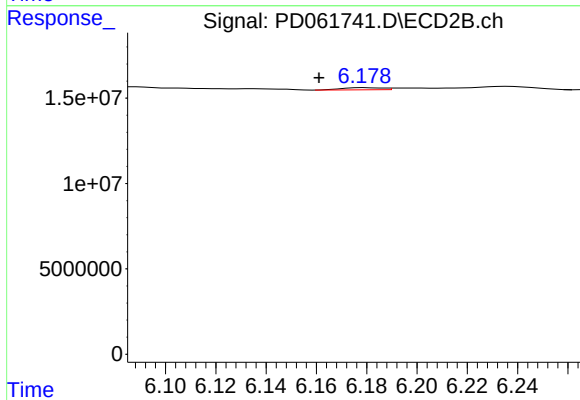
R.T.: 6.088 min
Delta R.T.: 0.001 min
Response: 10212431
Conc: 6.38 ng/ml



#26 Chlordane-4

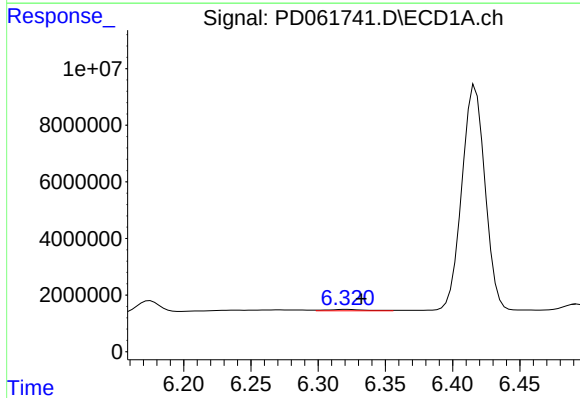
R.T.: 0.000 min
Exp R.T.: 5.492 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



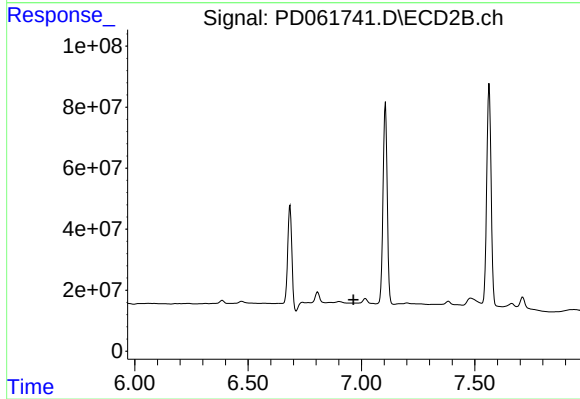
#26 Chlordane-4

R.T.: 6.180 min
Delta R.T.: 0.019 min
Response: 1354969
Conc: 0.73 ng/ml



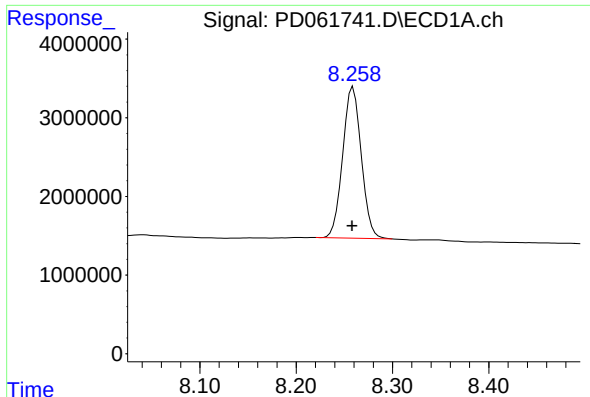
#27 Chlordane-5

R.T.: 6.321 min
Delta R.T.: -0.011 min
Response: 1030238
Conc: 23.29 ng/ml



#27 Chlordane-5

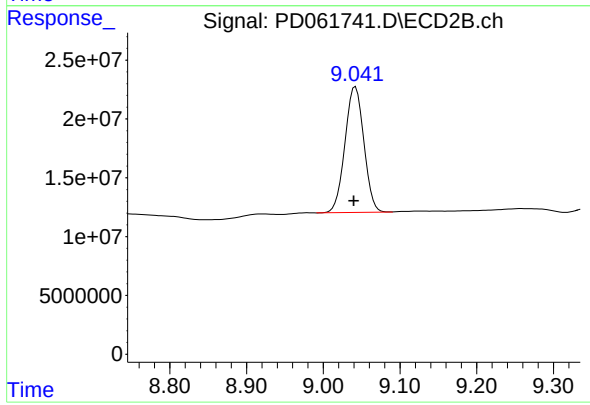
R.T.: 0.000 min
Exp R.T.: 6.965 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.259 min
Delta R.T.: 0.001 min
Response: 25650739
Conc: 20.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.042 min
Delta R.T.: 0.002 min
Response: 184080909
Conc: 21.18 ng/ml