

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092721\
 Data File : PD065918.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Sep 2021 20:07
 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: Sep 28 01:54:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 23 12:18:33 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...	3.493	4.013	17587535	135.7E6	23.749	23.637
28)	SA Decachlor...	8.235	9.087	28746971	89428293	21.045	23.107
Target Compounds							
2)	A alpha-BHC	3.932	4.408	12480861	98493290	11.113	11.714
3)	MA gamma-BHC...	4.216	4.694	12924055	91535305	11.525	11.848
4)	MA Heptachlor	0.000	5.176f	0	831424	N.D.	0.115 #
5)	MB Aldrin	4.760	5.494	169649	677459	0.152	0.101 #
6)	B beta-BHC	4.465	4.871	9198750	47897618	16.114	12.960
8)	B Heptachlo...	5.227f	5.908f	124554	1092886	0.111	0.211 #
9)	A Endosulfan I	5.534	6.277f	84435	32040	0.078	0.006 #
10)	B gamma-Chl...	5.424	6.146f	267548	323500	0.222	0.054 #
11)	B alpha-Chl...	0.000	6.212	0	861435	N.D.	0.144 #
12)	B 4,4'-DDE	5.649	6.358	607081	1616791	0.558	0.280 #
13)	MA Dieldrin	0.000	6.497	0	313615	N.D.	0.053 #
14)	MA Endrin	6.042	6.729	54603922	244.9E6	51.603	49.674
15)	B Endosulfa...	6.310	6.944	707044	2421290	0.654	0.500
16)	A 4,4'-DDD	6.164	6.851	3980275	21774707	4.058	4.431
17)	MA 4,4'-DDT	6.405	7.149	116.1E6	473.9E6	105.517	93.812
18)	B Endrin al...	6.483	7.066	2117116	7071940	2.389	1.806
20)	A Methoxychlor	6.950	7.609	164.1E6	590.1E6	240.147	224.243
21)	B Endrin ke...	7.187	7.763	7795108	24660276	5.534	4.324
22)	Mirex	7.381	8.239f	350092	639496	0.290	0.162 #
23)	Chlordane-1	4.391f	0.000	903242	0	26.965	N.D. #
24)	Chlordane-2	4.874	5.494f	41514	677459	1.022	2.929 #
25)	Chlordane-3	5.424	6.146f	267548	323500	2.271	0.394 #
26)	Chlordane-4	0.000	6.212	0	861435	N.D.	0.898 #
27)	Chlordane-5	6.310	0.000	707044	0	14.548	N.D. #

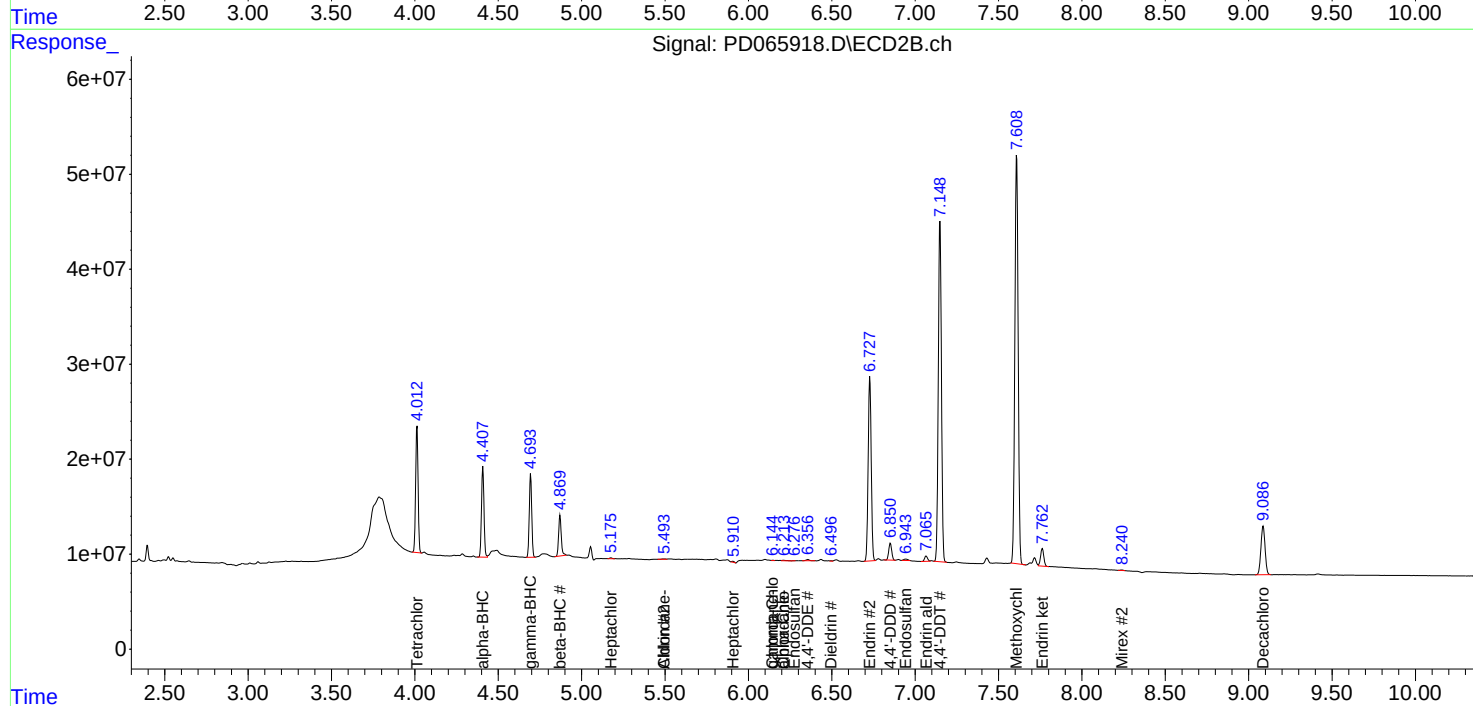
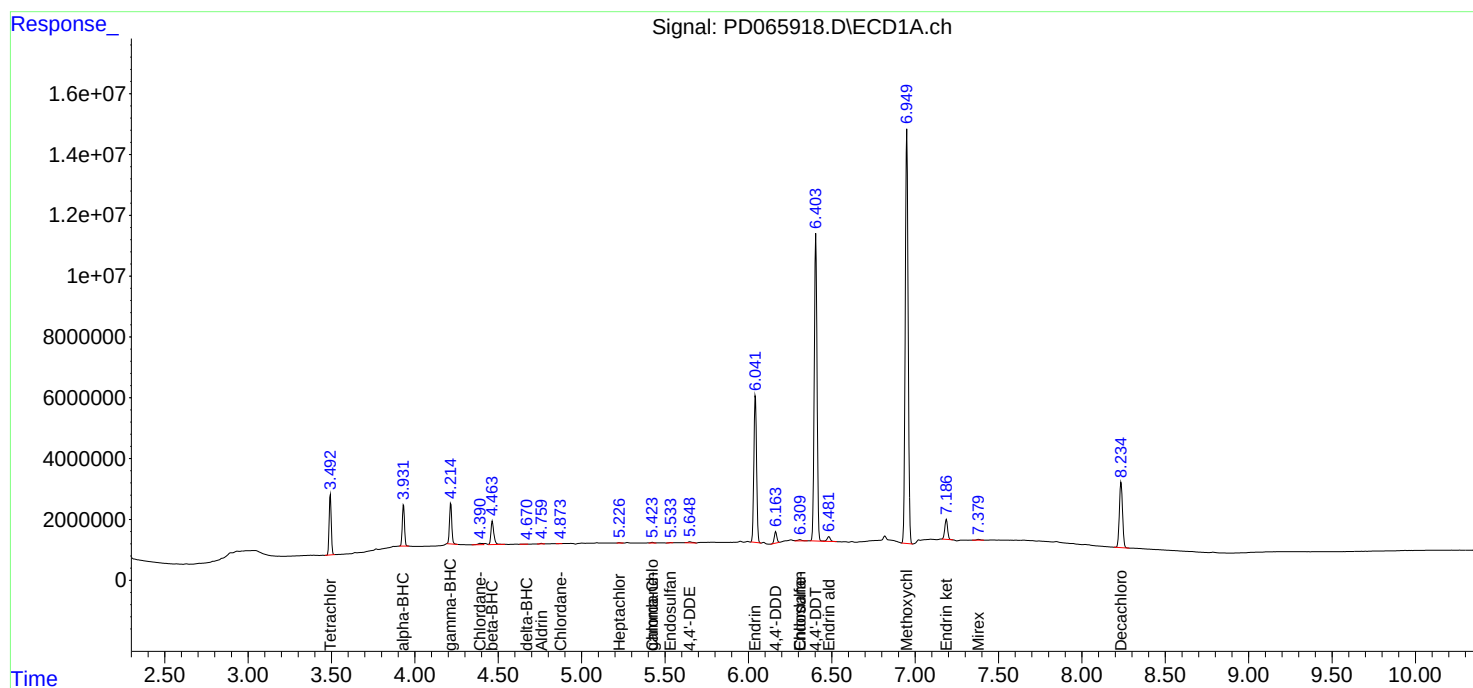
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

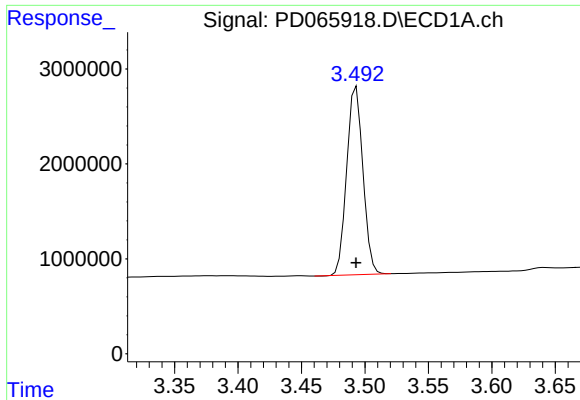
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092721\
Data File : PD065918.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Sep 2021 20:07
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 28 01:54:44 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
Quant Title : GC Extractables
QLast Update : Thu Sep 23 12:18:33 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

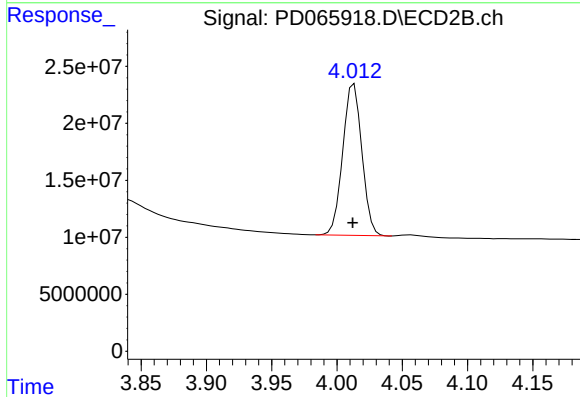




#1 Tetrachloro-m-xylene

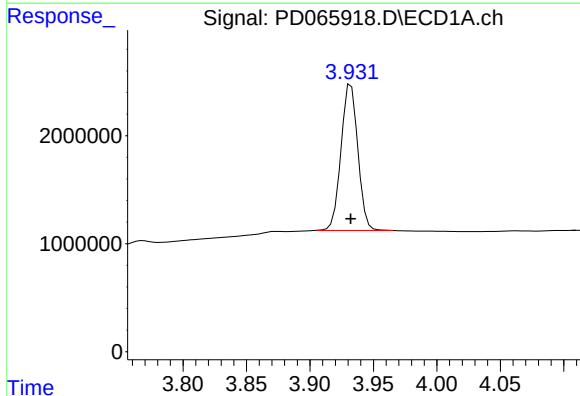
R.T.: 3.493 min
Delta R.T.: 0.000 min
Response: 17587535
Conc: 23.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



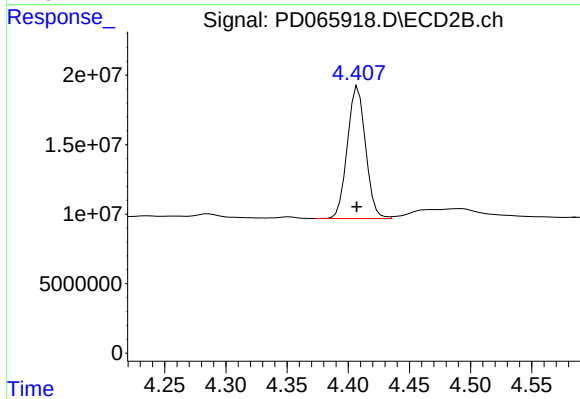
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.001 min
Response: 135726034
Conc: 23.64 ng/ml



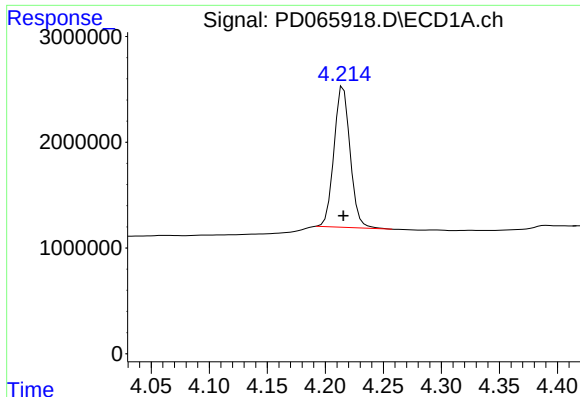
#2 alpha-BHC

R.T.: 3.932 min
Delta R.T.: 0.000 min
Response: 12480861
Conc: 11.11 ng/ml



#2 alpha-BHC

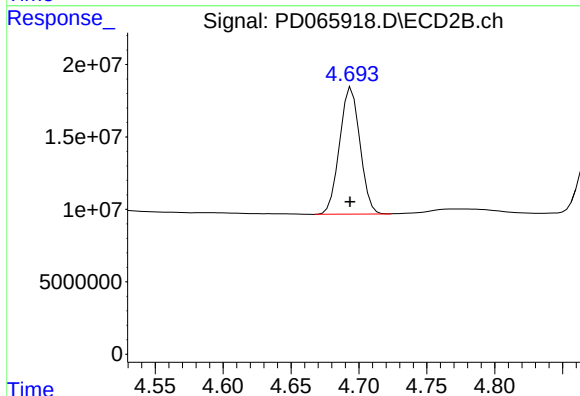
R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 98493290
Conc: 11.71 ng/ml



#3 gamma-BHC (Lindane)

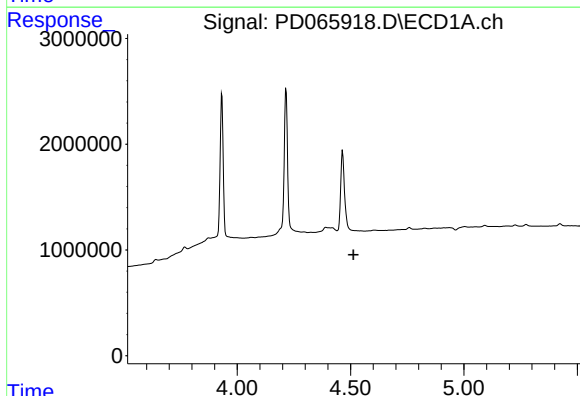
R.T.: 4.216 min
Delta R.T.: 0.000 min
Response: 12924055
Conc: 11.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



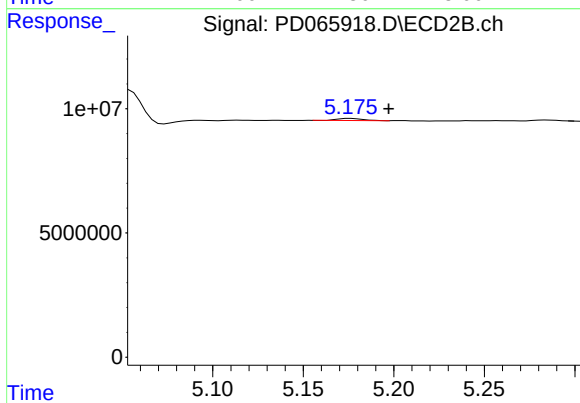
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 91535305
Conc: 11.85 ng/ml



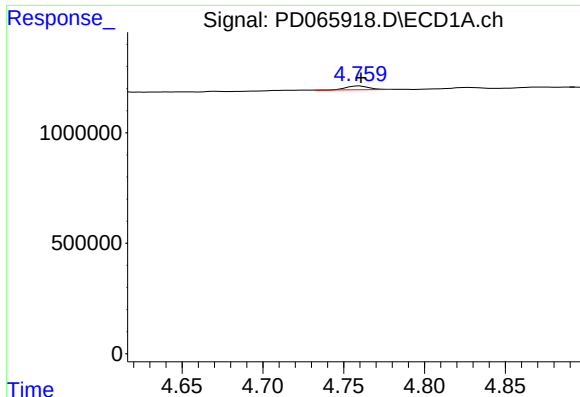
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.513 min
Response: 0
Conc: N.D.



#4 Heptachlor

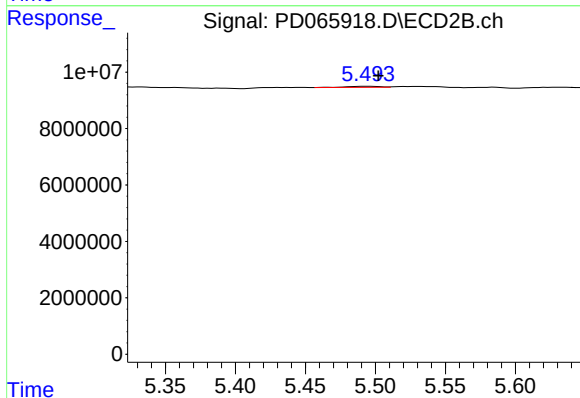
R.T.: 5.176 min
Delta R.T.: -0.021 min
Response: 831424
Conc: 0.11 ng/ml



#5 Aldrin

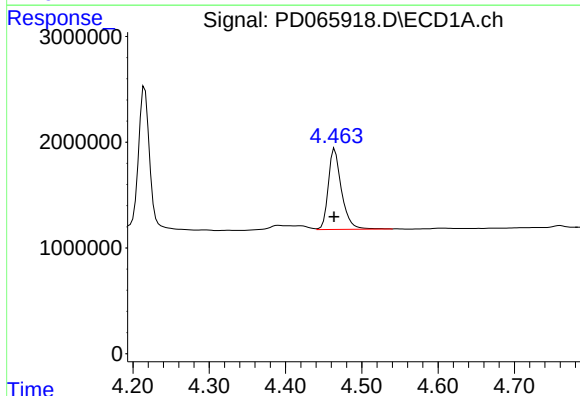
R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 169649
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



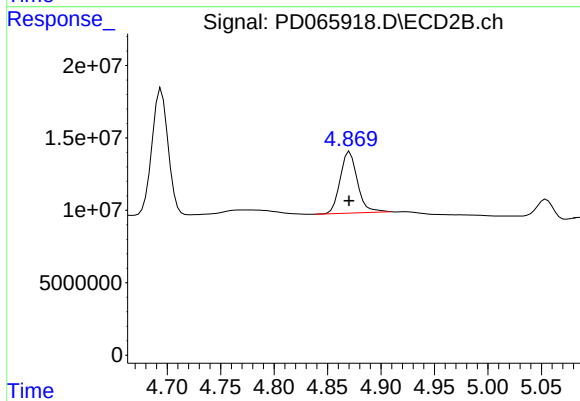
#5 Aldrin

R.T.: 5.494 min
Delta R.T.: -0.008 min
Response: 677459
Conc: 0.10 ng/ml



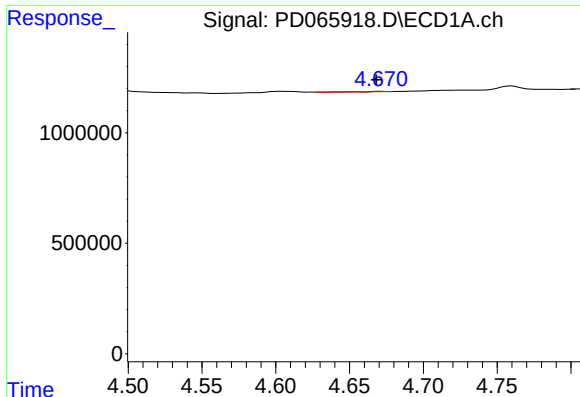
#6 beta-BHC

R.T.: 4.465 min
Delta R.T.: 0.001 min
Response: 9198750
Conc: 16.11 ng/ml



#6 beta-BHC

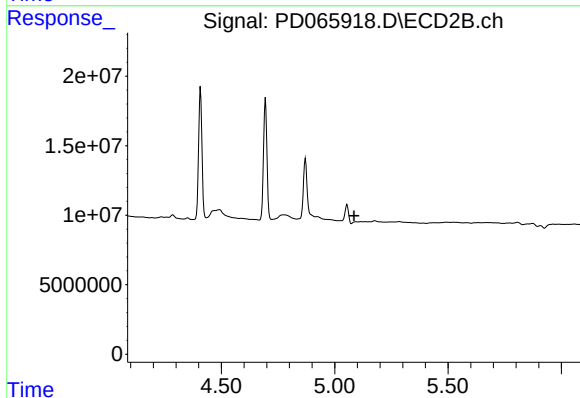
R.T.: 4.871 min
Delta R.T.: 0.000 min
Response: 47897618
Conc: 12.96 ng/ml



#7 delta-BHC

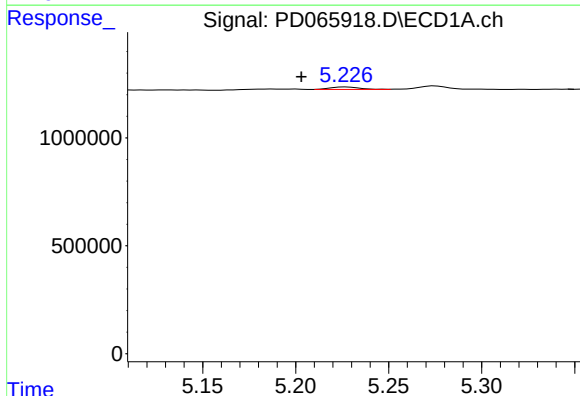
R.T.: 4.671 min
Delta R.T.: 0.003 min
Response: 10215
Conc: 0.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



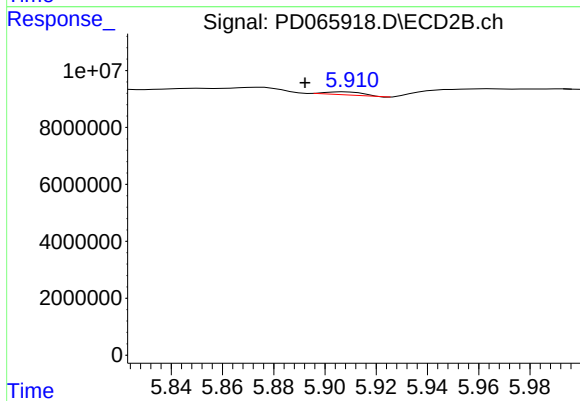
#7 delta-BHC

R.T.: 5.094 min
Delta R.T.: 0.009 min
Response: -3299949
Conc: N.D.



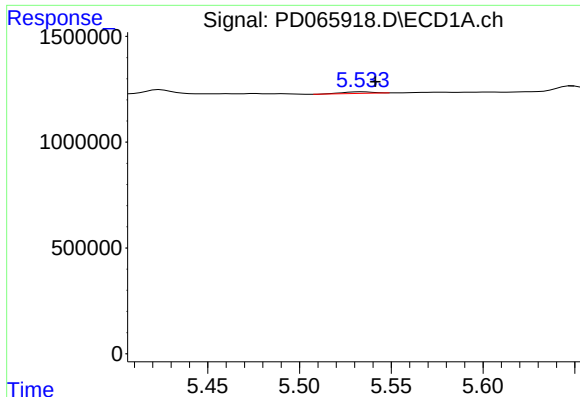
#8 Heptachlor epoxide

R.T.: 5.227 min
Delta R.T.: 0.024 min
Response: 124554
Conc: 0.11 ng/ml



#8 Heptachlor epoxide

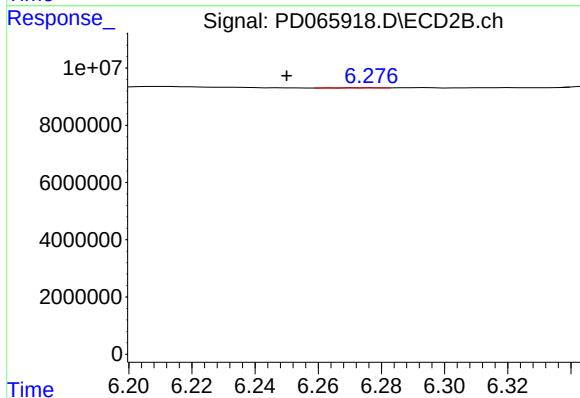
R.T.: 5.908 min
Delta R.T.: 0.016 min
Response: 1092886
Conc: 0.21 ng/ml



#9 Endosulfan I

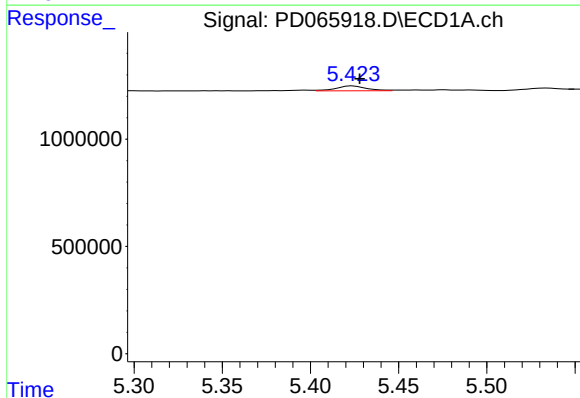
R.T.: 5.534 min
Delta R.T.: -0.007 min
Response: 84435
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



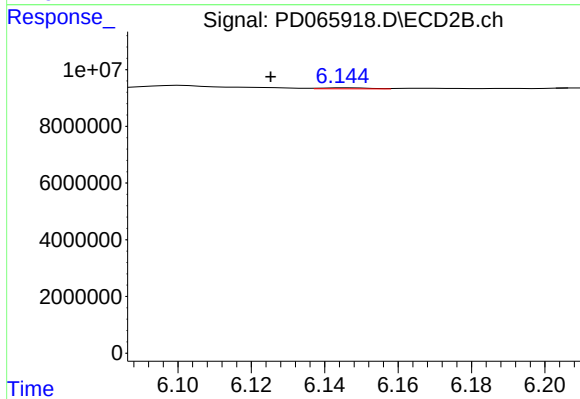
#9 Endosulfan I

R.T.: 6.277 min
Delta R.T.: 0.027 min
Response: 32040
Conc: 0.01 ng/ml



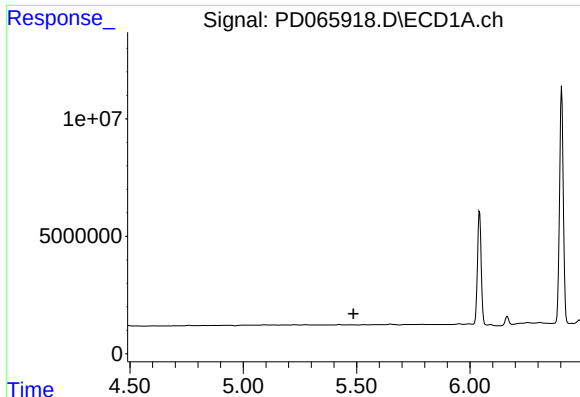
#10 gamma-Chlordane

R.T.: 5.424 min
Delta R.T.: -0.004 min
Response: 267548
Conc: 0.22 ng/ml



#10 gamma-Chlordane

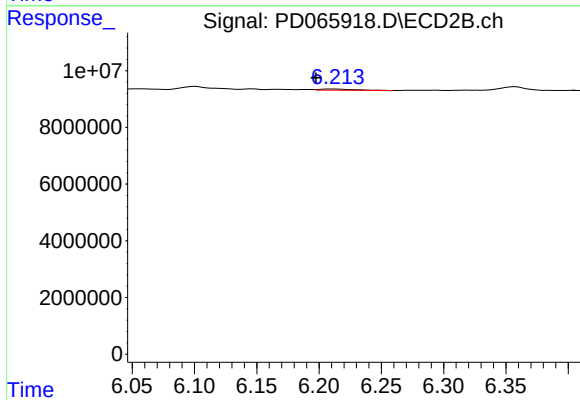
R.T.: 6.146 min
Delta R.T.: 0.021 min
Response: 323500
Conc: 0.05 ng/ml



#11 alpha-Chlordane

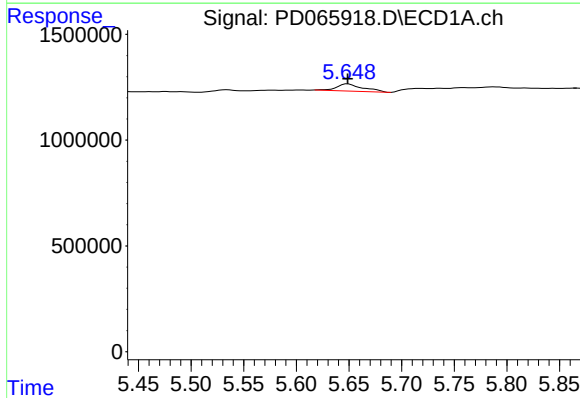
R.T.: 0.000 min
Exp R.T.: 5.486 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



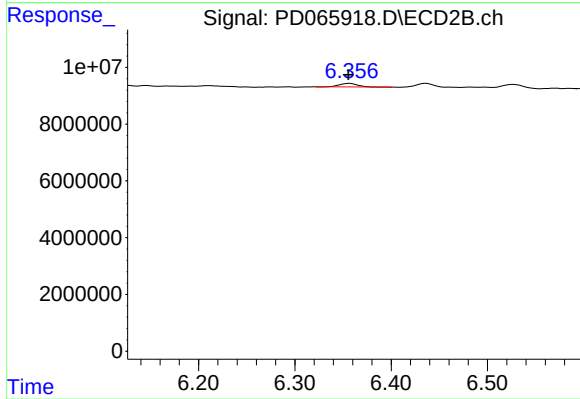
#11 alpha-Chlordane

R.T.: 6.212 min
Delta R.T.: 0.014 min
Response: 861435
Conc: 0.14 ng/ml



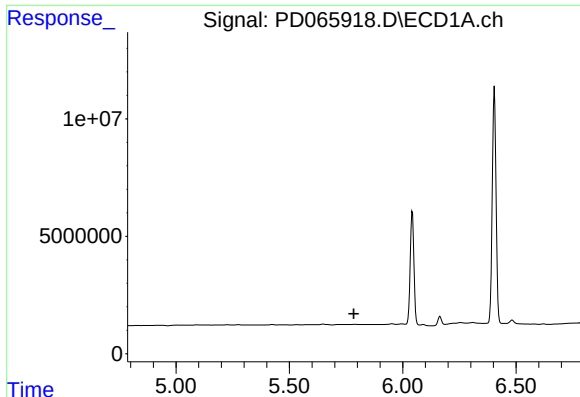
#12 4,4'-DDE

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 607081
Conc: 0.56 ng/ml



#12 4,4'-DDE

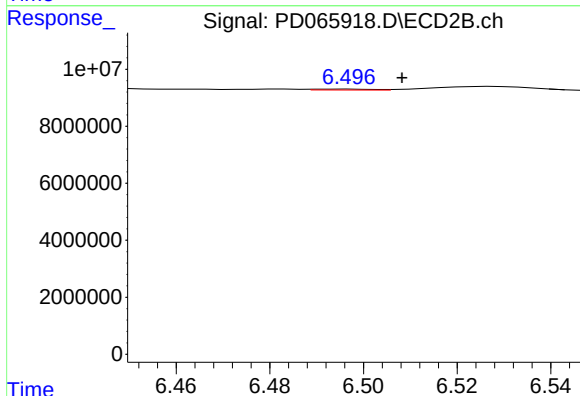
R.T.: 6.358 min
Delta R.T.: 0.002 min
Response: 1616791
Conc: 0.28 ng/ml



#13 Dieldrin

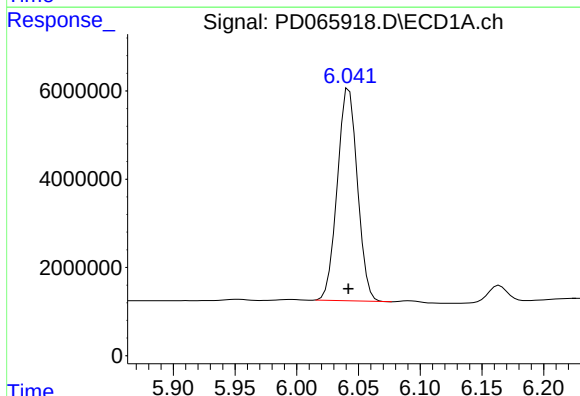
R.T.: 0.000 min
Exp R.T.: 5.784 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



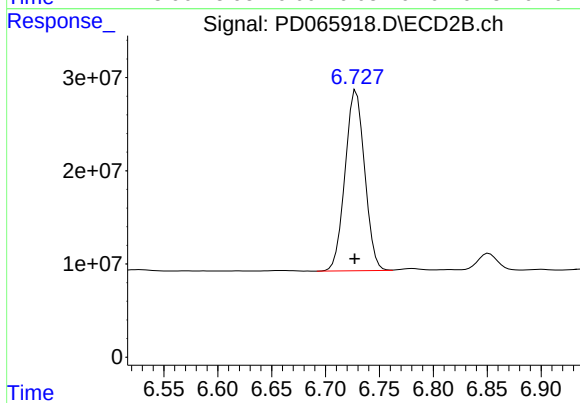
#13 Dieldrin

R.T.: 6.497 min
Delta R.T.: -0.012 min
Response: 313615
Conc: 0.05 ng/ml



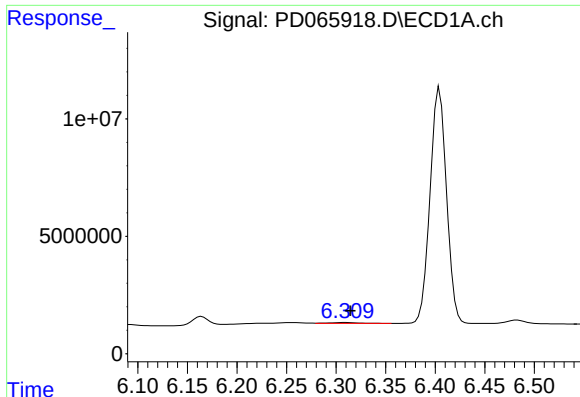
#14 Endrin

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 54603922
Conc: 51.60 ng/ml



#14 Endrin

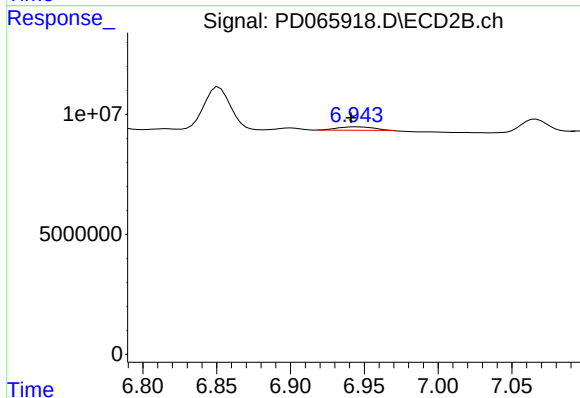
R.T.: 6.729 min
Delta R.T.: 0.001 min
Response: 244897132
Conc: 49.67 ng/ml



#15 Endosulfan II

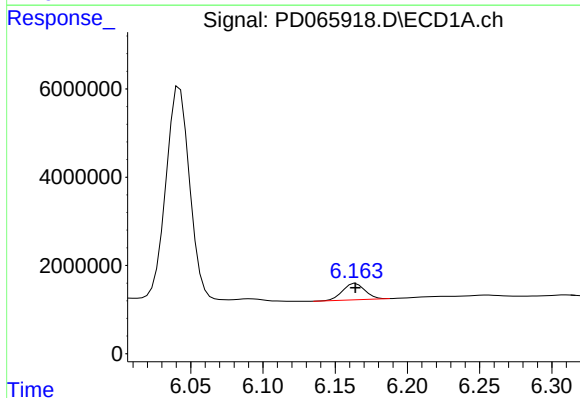
R.T.: 6.310 min
Delta R.T.: -0.004 min
Response: 707044
Conc: 0.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



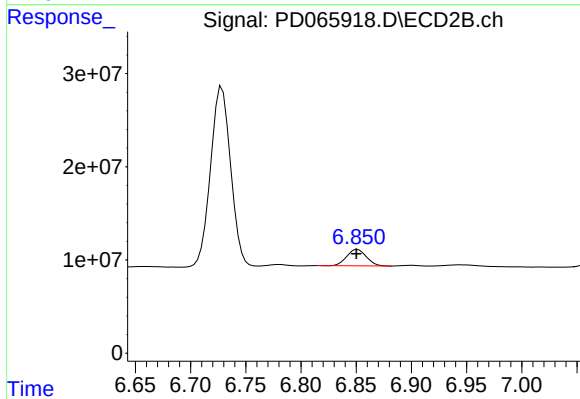
#15 Endosulfan II

R.T.: 6.944 min
Delta R.T.: 0.003 min
Response: 2421290
Conc: 0.50 ng/ml



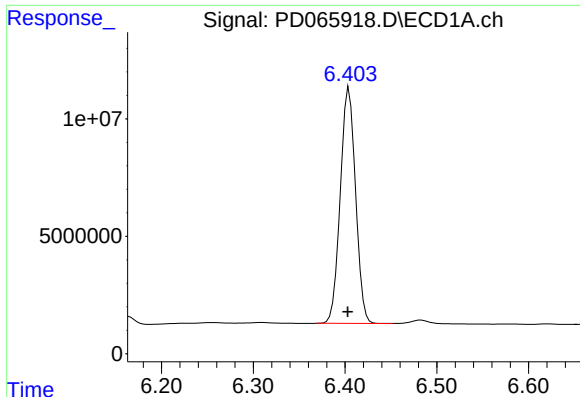
#16 4,4'-DDD

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 3980275
Conc: 4.06 ng/ml



#16 4,4'-DDD

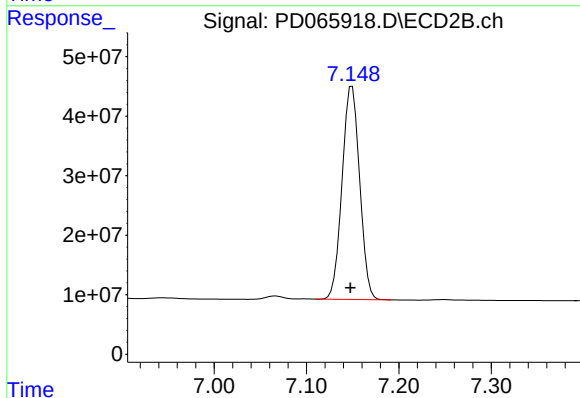
R.T.: 6.851 min
Delta R.T.: 0.001 min
Response: 21774707
Conc: 4.43 ng/ml



#17 4,4'-DDT

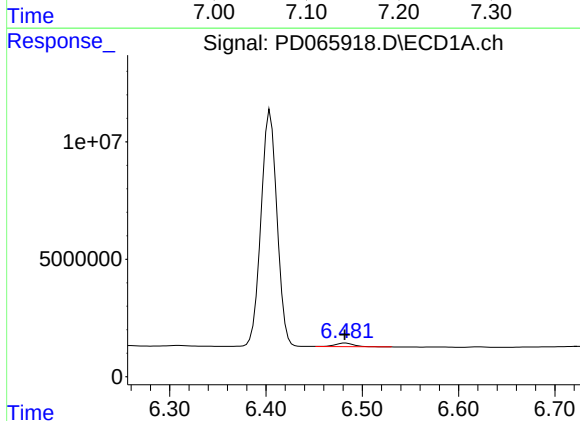
R.T.: 6.405 min
Delta R.T.: 0.002 min
Response: 116142669
Conc: 105.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



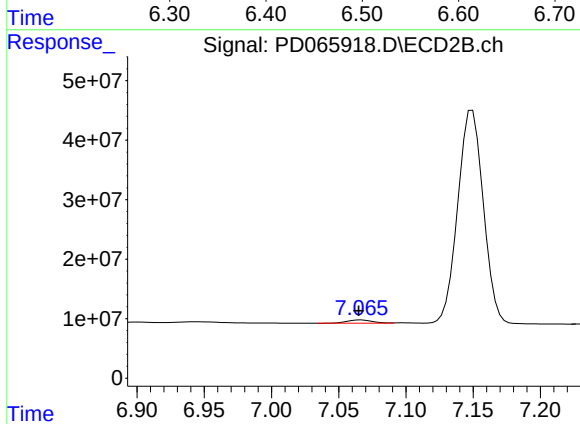
#17 4,4'-DDT

R.T.: 7.149 min
Delta R.T.: 0.002 min
Response: 473879000
Conc: 93.81 ng/ml



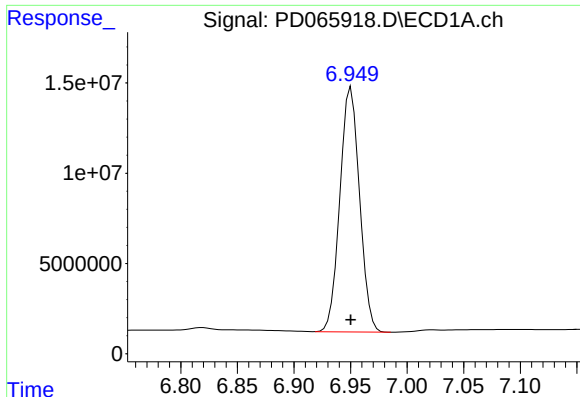
#18 Endrin aldehyde

R.T.: 6.483 min
Delta R.T.: 0.001 min
Response: 2117116
Conc: 2.39 ng/ml



#18 Endrin aldehyde

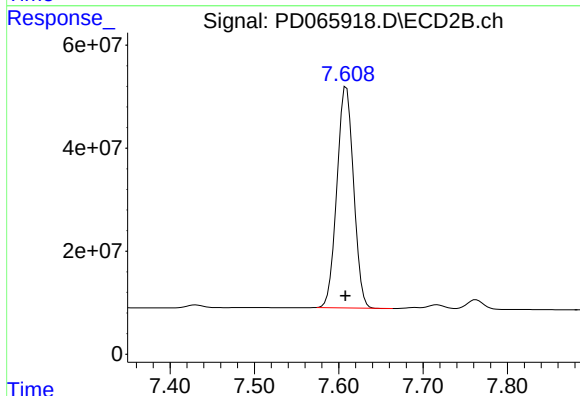
R.T.: 7.066 min
Delta R.T.: 0.001 min
Response: 7071940
Conc: 1.81 ng/ml



#20 Methoxychlor

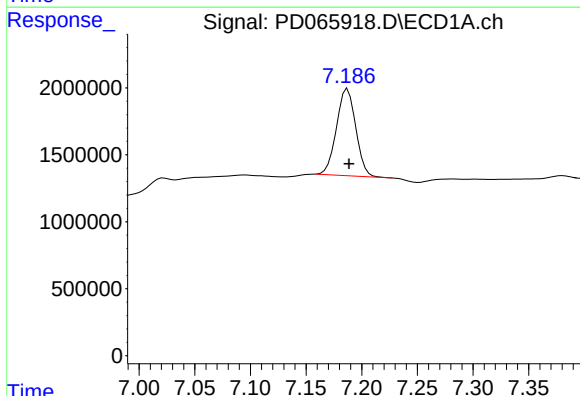
R.T.: 6.950 min
Delta R.T.: 0.000 min
Response: 164107105
Conc: 240.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



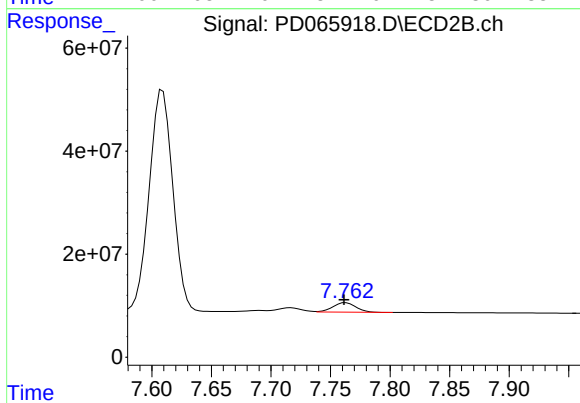
#20 Methoxychlor

R.T.: 7.609 min
Delta R.T.: 0.001 min
Response: 590121599
Conc: 224.24 ng/ml



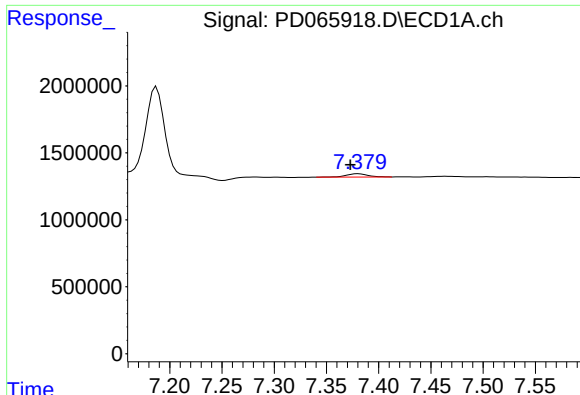
#21 Endrin ketone

R.T.: 7.187 min
Delta R.T.: -0.001 min
Response: 7795108
Conc: 5.53 ng/ml



#21 Endrin ketone

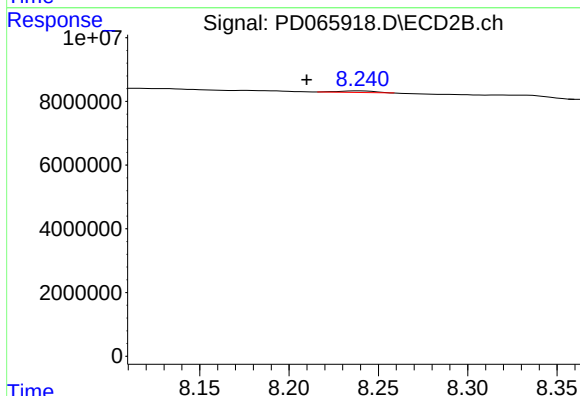
R.T.: 7.763 min
Delta R.T.: 0.001 min
Response: 24660276
Conc: 4.32 ng/ml



#22 Mirex

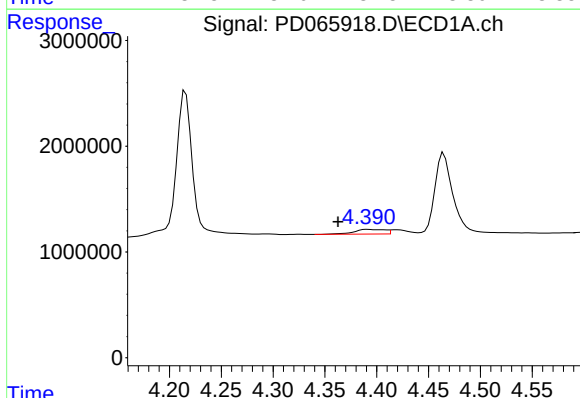
R.T.: 7.381 min
Delta R.T.: 0.008 min
Response: 350092
Conc: 0.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



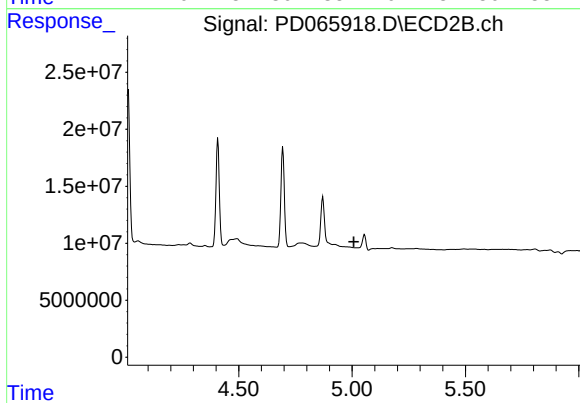
#22 Mirex

R.T.: 8.239 min
Delta R.T.: 0.030 min
Response: 639496
Conc: 0.16 ng/ml



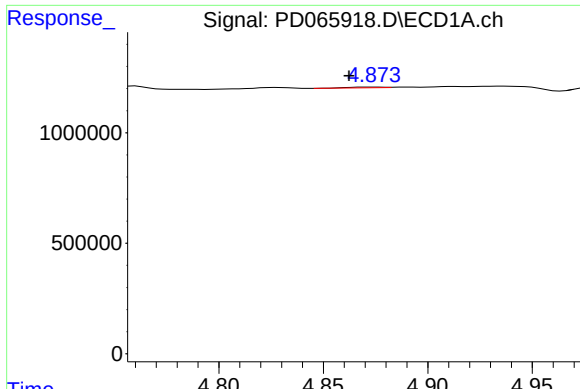
#23 Chlordane-1

R.T.: 4.391 min
Delta R.T.: 0.028 min
Response: 903242
Conc: 26.96 ng/ml



#23 Chlordane-1

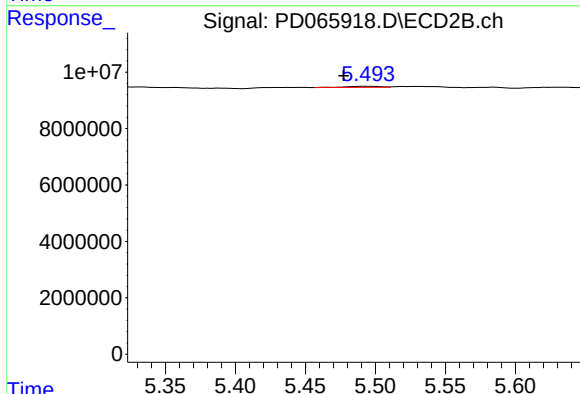
R.T.: 0.000 min
Exp R.T.: 5.007 min
Response: 0
Conc: N.D.



#24 Chlordane-2

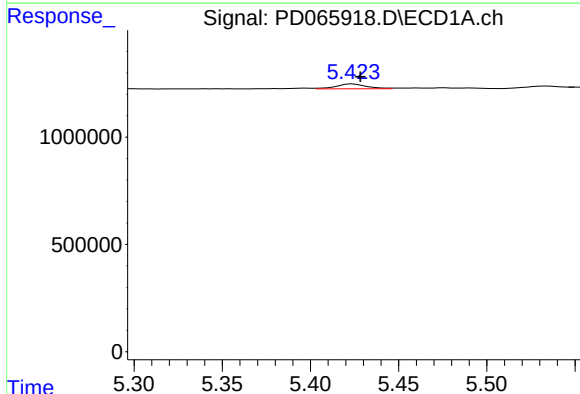
R.T.: 4.874 min
Delta R.T.: 0.012 min
Response: 41514
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



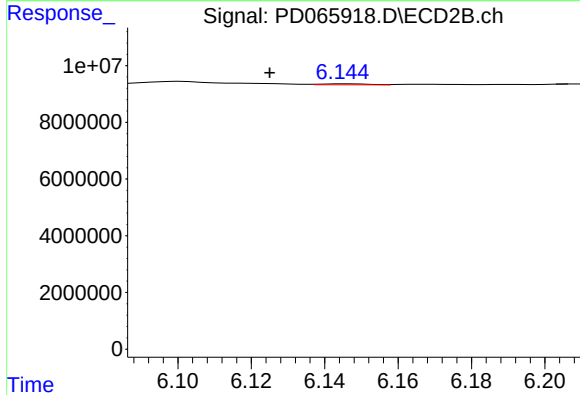
#24 Chlordane-2

R.T.: 5.494 min
Delta R.T.: 0.017 min
Response: 677459
Conc: 2.93 ng/ml



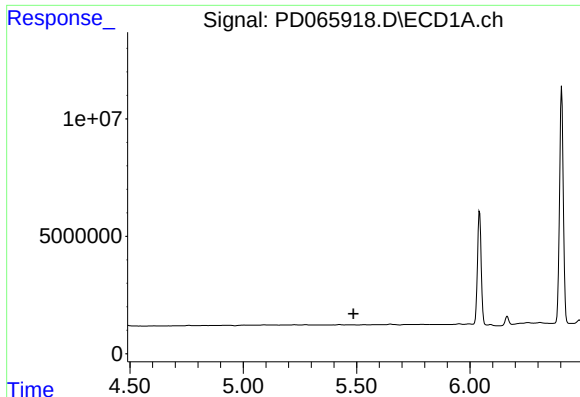
#25 Chlordane-3

R.T.: 5.424 min
Delta R.T.: -0.004 min
Response: 267548
Conc: 2.27 ng/ml



#25 Chlordane-3

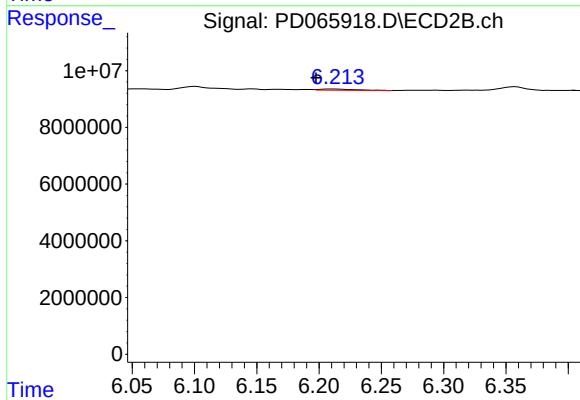
R.T.: 6.146 min
Delta R.T.: 0.021 min
Response: 323500
Conc: 0.39 ng/ml



#26 Chlordane-4

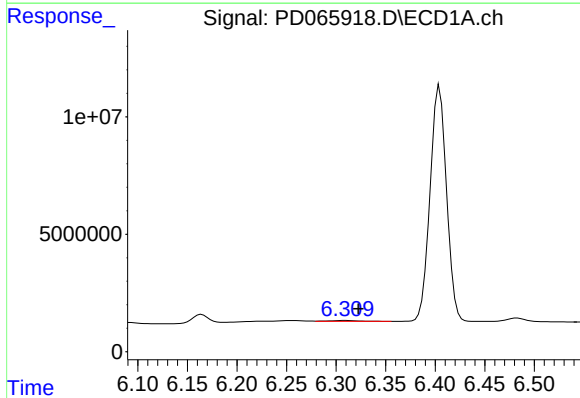
R.T.: 0.000 min
Exp R.T.: 5.486 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



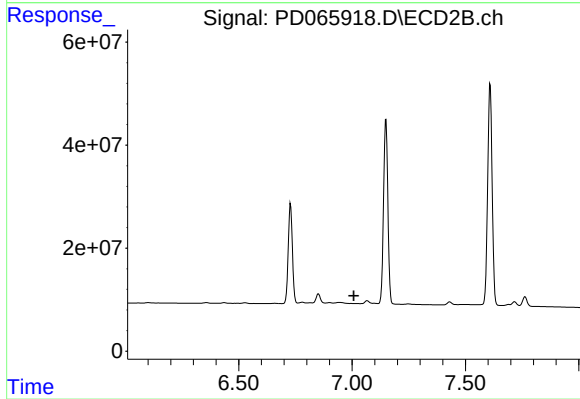
#26 Chlordane-4

R.T.: 6.212 min
Delta R.T.: 0.014 min
Response: 861435
Conc: 0.90 ng/ml



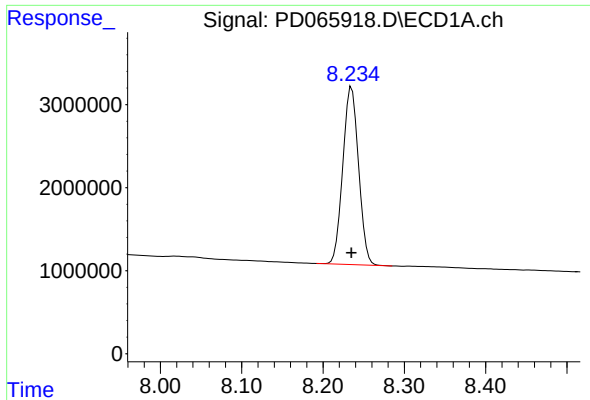
#27 Chlordane-5

R.T.: 6.310 min
Delta R.T.: -0.013 min
Response: 707044
Conc: 14.55 ng/ml



#27 Chlordane-5

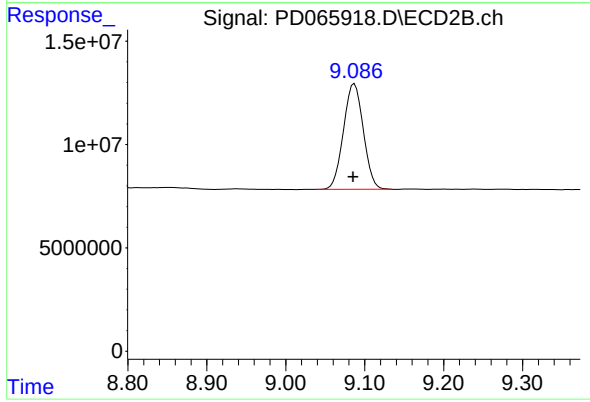
R.T.: 0.000 min
Exp R.T.: 7.008 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.235 min
Delta R.T.: 0.000 min
Response: 28746971
Conc: 21.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: 0.002 min
Response: 89428293
Conc: 23.11 ng/ml