Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092721\
Data File : PD065892.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Sep 2021 09:27
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 27 15:21:59 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...	3.492	4.012	17502202	139.1E6	23.634	24.225	
28)	SA Decachlor...	8.234	9.084	27610087	86701696	20.213	22.403	
	Target Compounds							
2)	A alpha-BHC	3.932	4.407	12178161	100.8E6	10.844	11.989	
3)	MA gamma-BHC...	4.215	4.693	12354651	93724370	11.017	12.131	
4)	MA Heptachlor	4.539f	5.176f	45020	1078443	0.038	0.149	#
5)	MB Aldrin	4.758	5.491	158855	1588467	0.142	0.236	#
6)	B beta-BHC	4.464	4.869	8848088	46601172	15.499	12.609	
8)	B Heptachlo...	5.226f	5.909f	92182	446538	0.082	0.086	
9)	A Endosulfan I	5.533	6.244	68188	66885	0.063	0.012	#
10)	B gamma-Chl...	5.424	6.098f	365780	3543702	0.303	0.591	#
12)	B 4,4'-DDE	5.648	6.357	257010	3599688	0.236	0.624	#
13)	MA Dieldrin	0.000	6.527f	0	1166009	N.D.	0.198	#
14)	MA Endrin	6.042	6.727	55257422	255.1E6	52.221	51.753	
15)	B Endosulfa...	6.313	6.940	1179329	2042667	1.092	0.422	#
16)	A 4,4'-DDD	6.164	6.850	3430011	19130658	3.497	3.893	
17)	MA 4,4'-DDT	6.404	7.148	112.1E6	473.6E6	101.873	93.764	
18)	B Endrin al...	6.481	7.065	1353711	4190902	1.527	1.070	#
19)	B Endosulfa...	6.688	0.000	478456	0	0.419	N.D.	#
20)	A Methoxychlor	6.950	7.607	160.4E6	534.3E6	234.747	203.033	
21)	B Endrin ke...	7.186	7.761	5744895	21243118	4.078	3.725	
22)	Mirex	7.382	8.209	1471618	4457636	1.219	1.129	
23)	Chlordane-1	4.391f	4.982f	1716788	321937	51.252	1.454	#
24)	Chlordane-2	4.892f	5.491	107908	1588467	2.657	6.867	#
25)	Chlordane-3	5.424	6.098f	365780	3543702	3.105	4.321	#
27)	Chlordane-5	6.313	0.000	1179329	0	24.266	N.D.	#

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

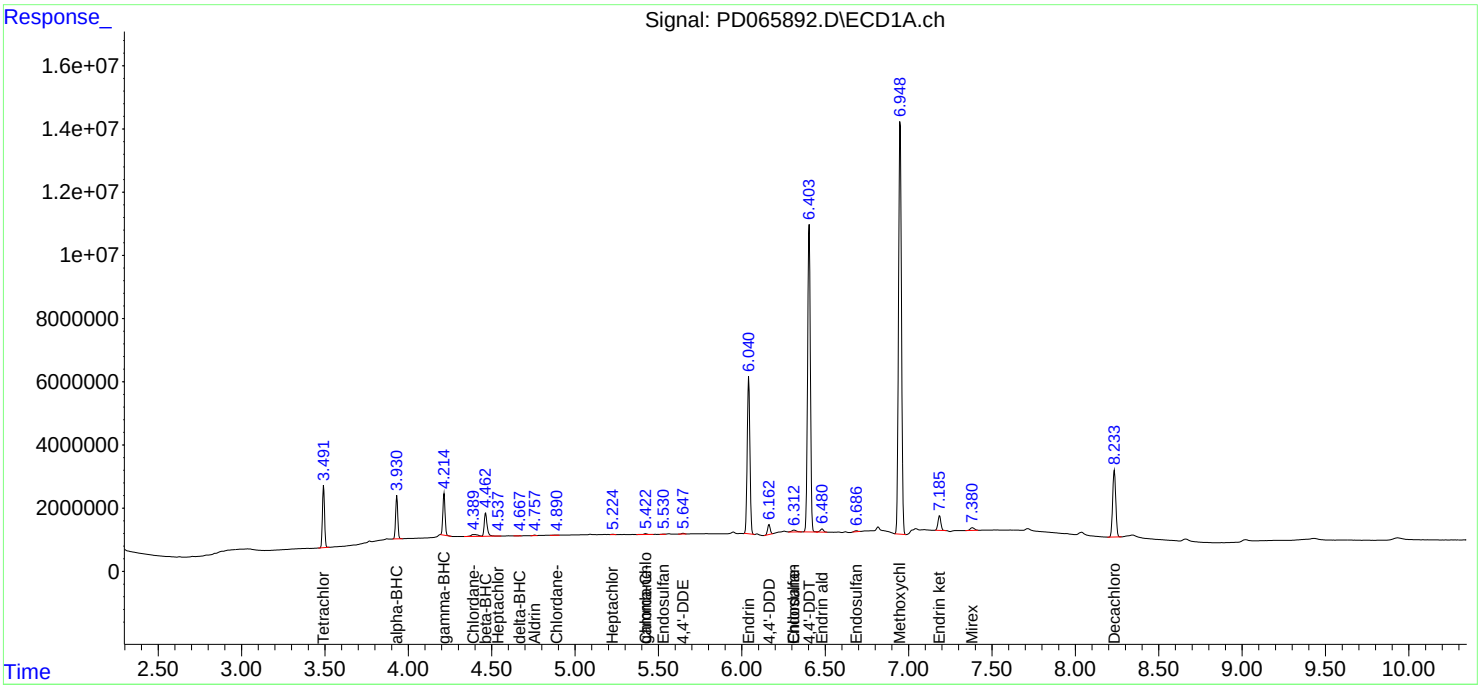
Quantitation Report (Not Reviewed)

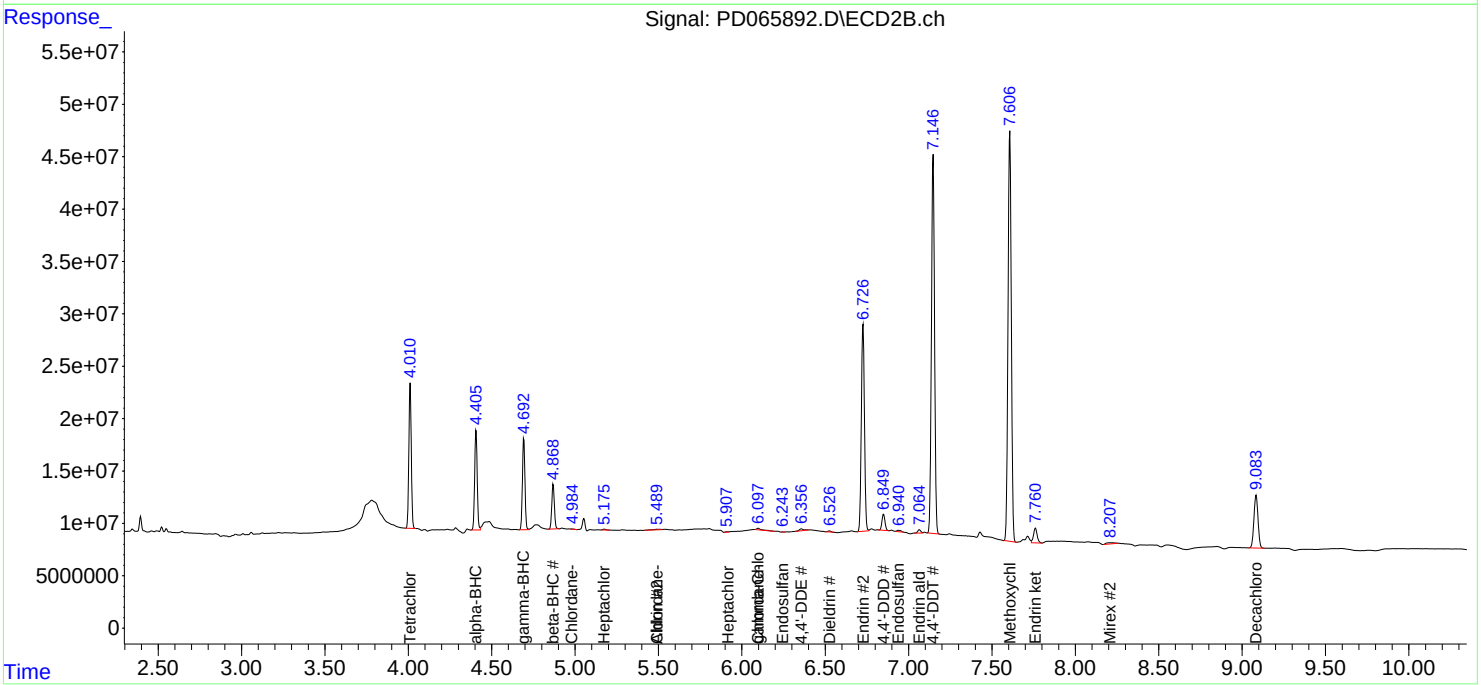
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092721\
Data File : PD065892.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Sep 2021 09:27
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

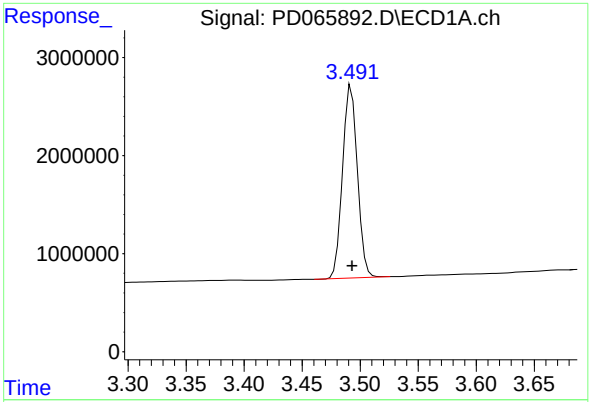
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 27 15:21:59 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



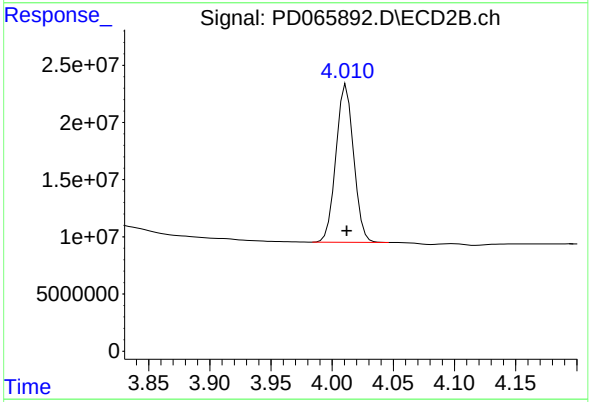




#1 Tetrachloro-m-xylene

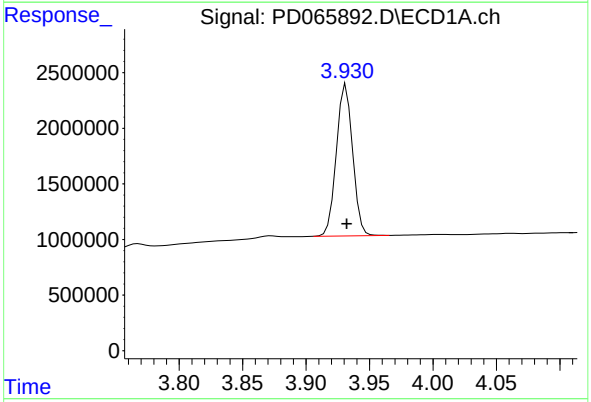
R.T.: 3.492 min
Delta R.T.: 0.000 min
Response: 17502202
Conc: 23.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



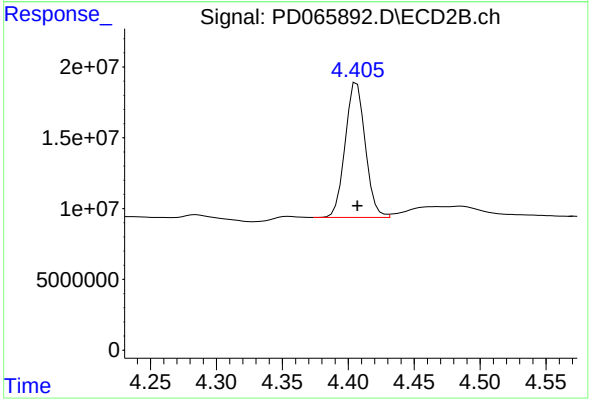
#1 Tetrachloro-m-xylene

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 139100876
Conc: 24.22 ng/ml



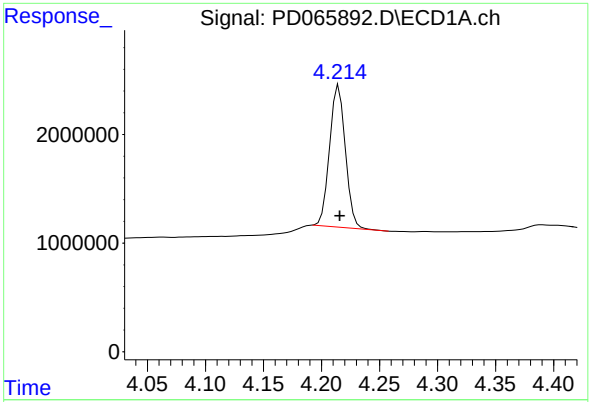
#2 alpha-BHC

R.T.: 3.932 min
Delta R.T.: 0.000 min
Response: 12178161
Conc: 10.84 ng/ml



#2 alpha-BHC

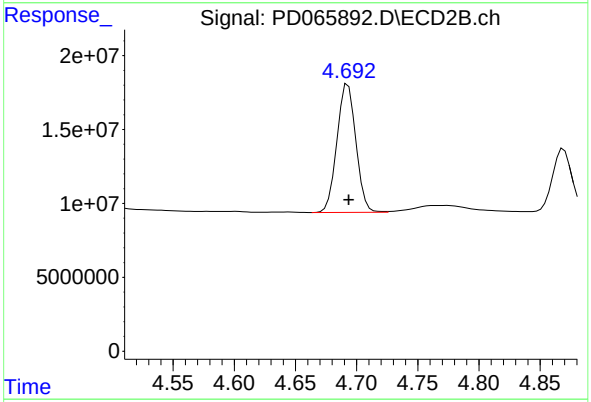
R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 100808218
Conc: 11.99 ng/ml



#3 gamma-BHC (Lindane)

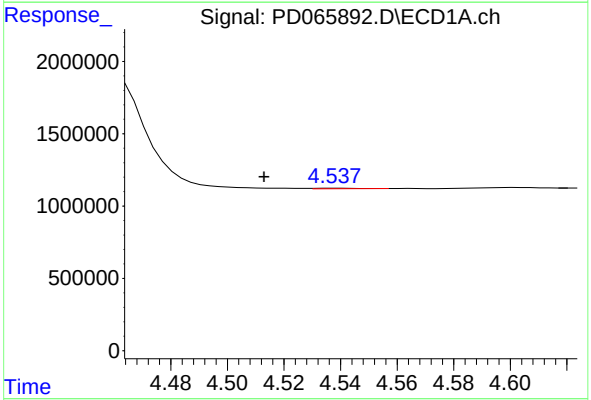
R.T.: 4.215 min
Delta R.T.: 0.000 min
Response: 12354651
Conc: 11.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



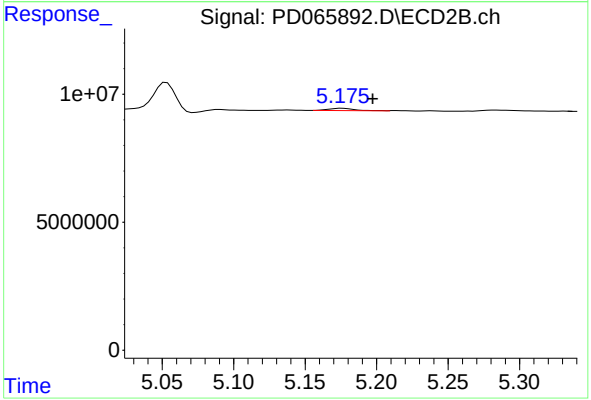
#3 gamma-BHC (Lindane)

R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 93724370
Conc: 12.13 ng/ml



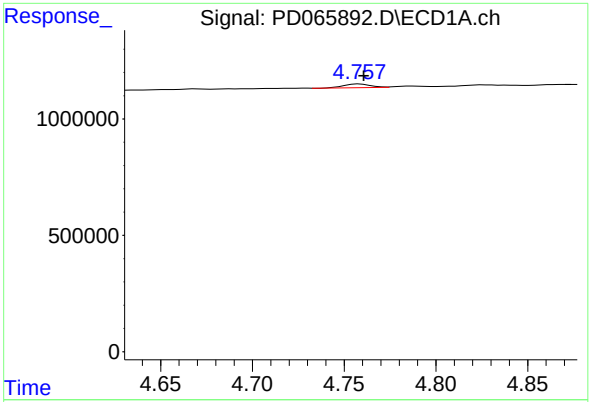
#4 Heptachlor

R.T.: 4.539 min
Delta R.T.: 0.026 min
Response: 45020
Conc: 0.04 ng/ml



#4 Heptachlor

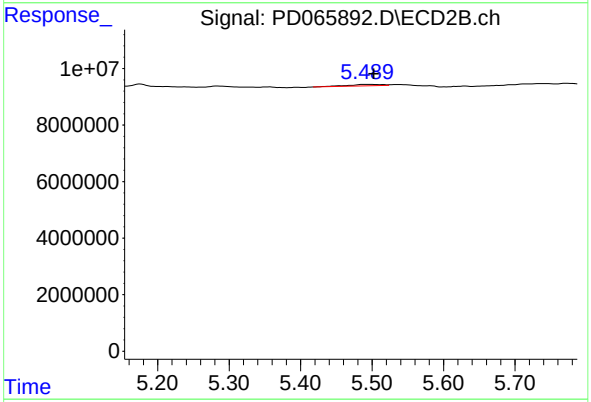
R.T.: 5.176 min
Delta R.T.: -0.021 min
Response: 1078443
Conc: 0.15 ng/ml



#5 Aldrin

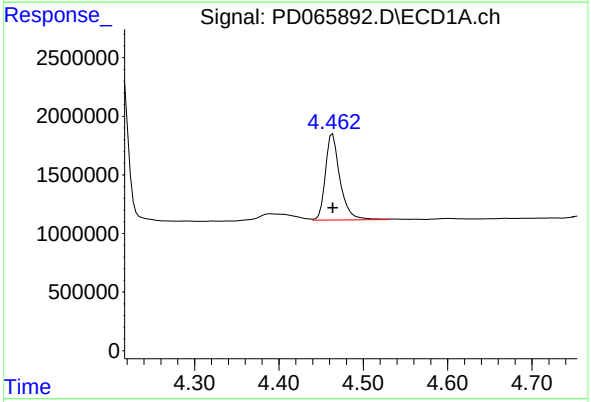
R.T.: 4.758 min
Delta R.T.: -0.002 min
Response: 158855
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



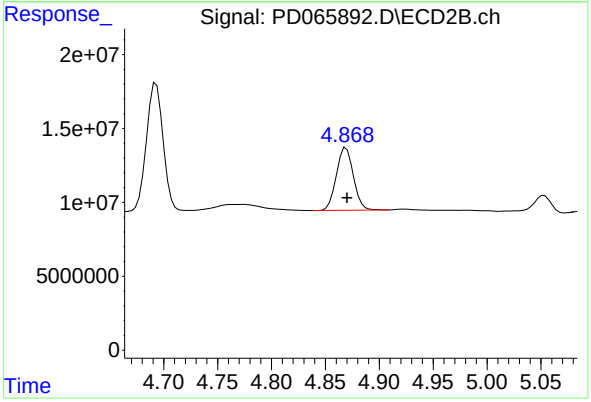
#5 Aldrin

R.T.: 5.491 min
Delta R.T.: -0.011 min
Response: 1588467
Conc: 0.24 ng/ml



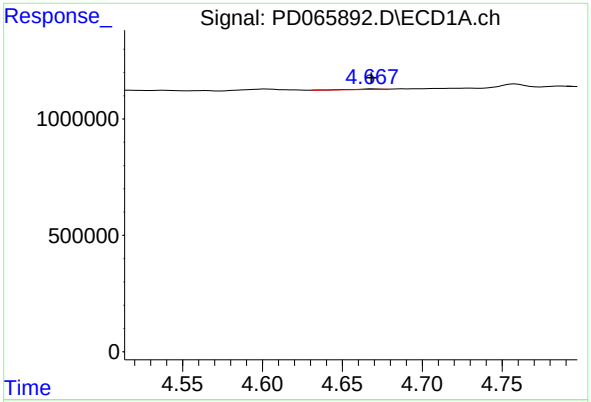
#6 beta-BHC

R.T.: 4.464 min
Delta R.T.: 0.000 min
Response: 8848088
Conc: 15.50 ng/ml



#6 beta-BHC

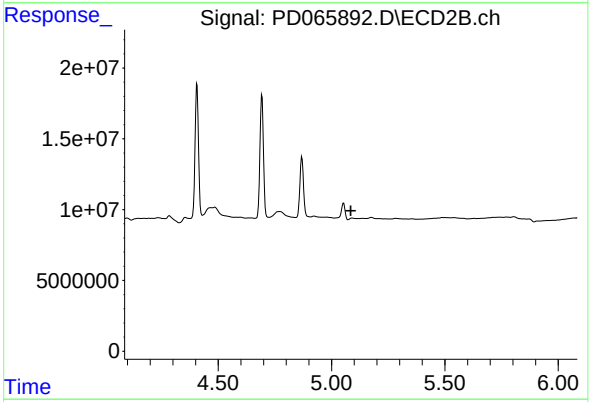
R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 46601172
Conc: 12.61 ng/ml



#7 delta-BHC

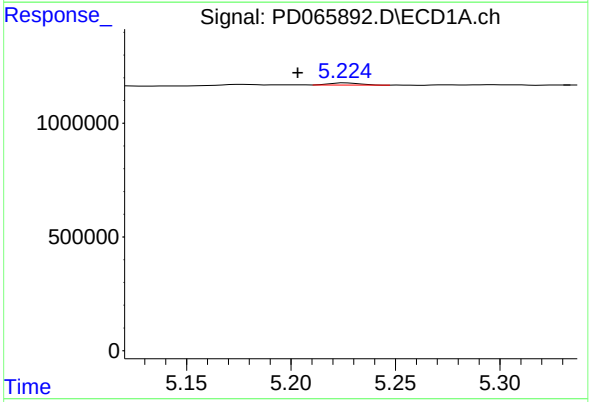
R.T.: 4.669 min
Delta R.T.: 0.000 min
Response: 14642
Conc: 0.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



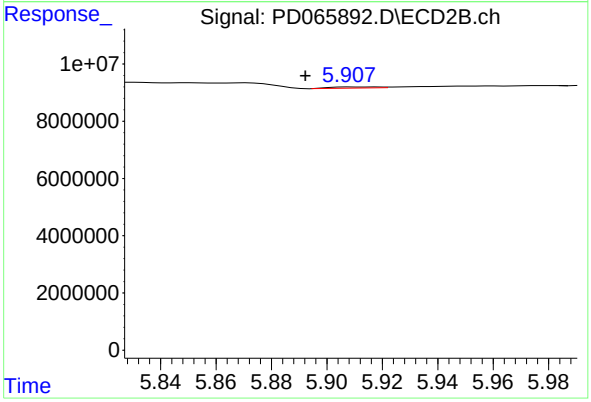
#7 delta-BHC

R.T.: 5.090 min
Delta R.T.: 0.005 min
Response: -4058190
Conc: N.D.



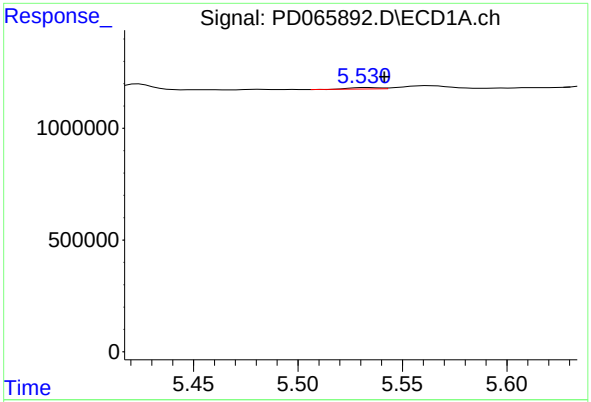
#8 Heptachlor epoxide

R.T.: 5.226 min
Delta R.T.: 0.023 min
Response: 92182
Conc: 0.08 ng/ml



#8 Heptachlor epoxide

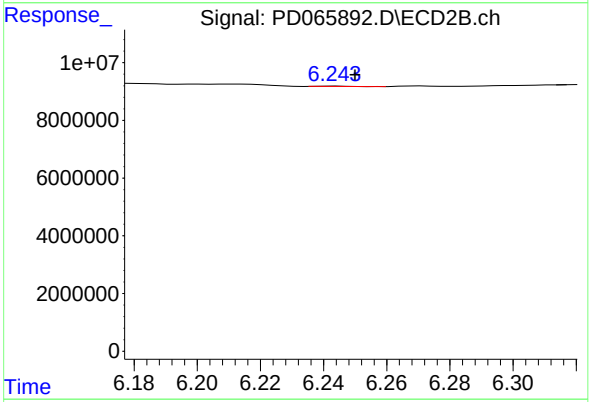
R.T.: 5.909 min
Delta R.T.: 0.017 min
Response: 446538
Conc: 0.09 ng/ml



#9 Endosulfan I

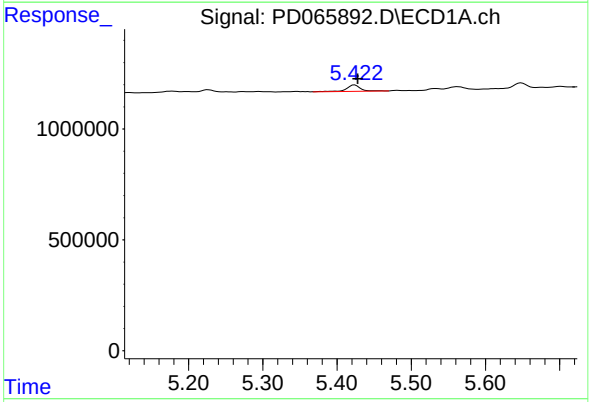
R.T.: 5.533 min
Delta R.T.: -0.009 min
Response: 68188
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



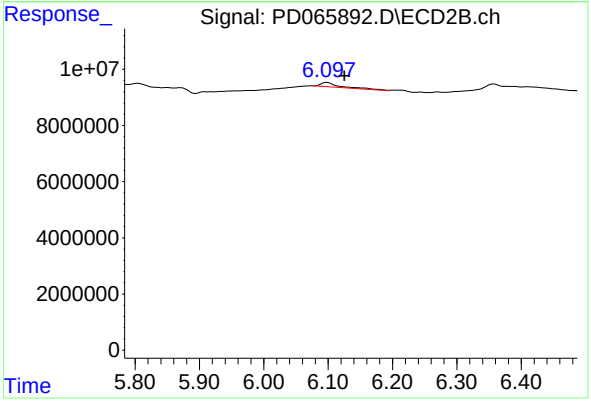
#9 Endosulfan I

R.T.: 6.244 min
Delta R.T.: -0.006 min
Response: 66885
Conc: 0.01 ng/ml



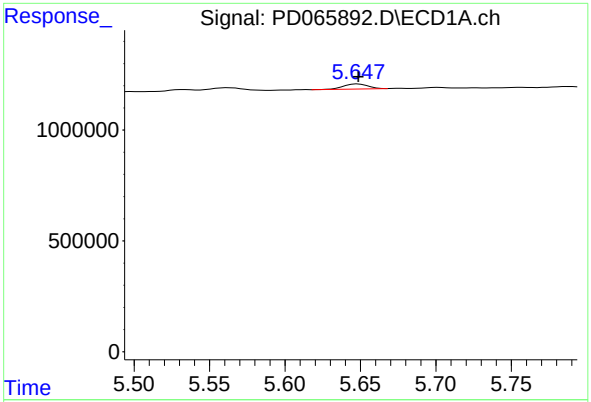
#10 gamma-Chlordane

R.T.: 5.424 min
Delta R.T.: -0.004 min
Response: 365780
Conc: 0.30 ng/ml



#10 gamma-Chlordane

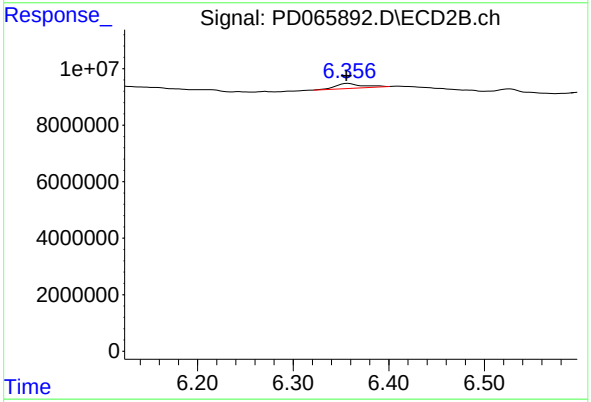
R.T.: 6.098 min
Delta R.T.: -0.027 min
Response: 3543702
Conc: 0.59 ng/ml



#12 4,4'-DDE

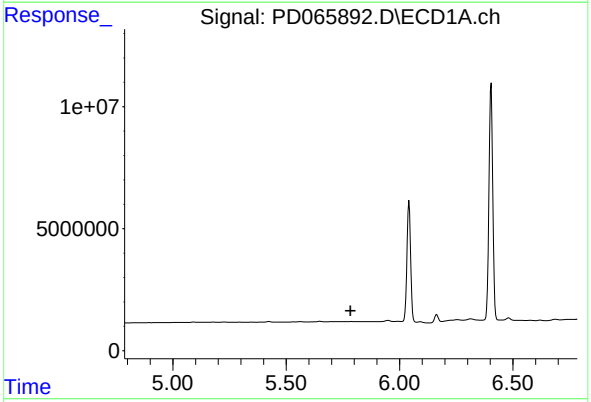
R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 257010
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



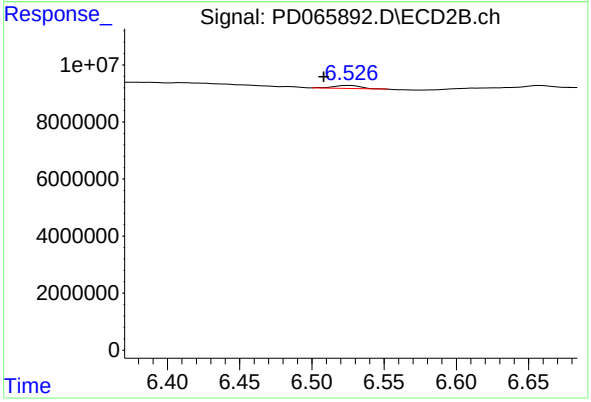
#12 4,4'-DDE

R.T.: 6.357 min
Delta R.T.: 0.002 min
Response: 3599688
Conc: 0.62 ng/ml



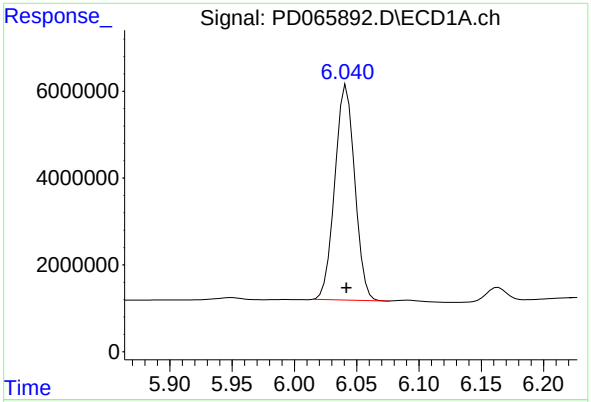
#13 Dieldrin

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



#13 Dieldrin

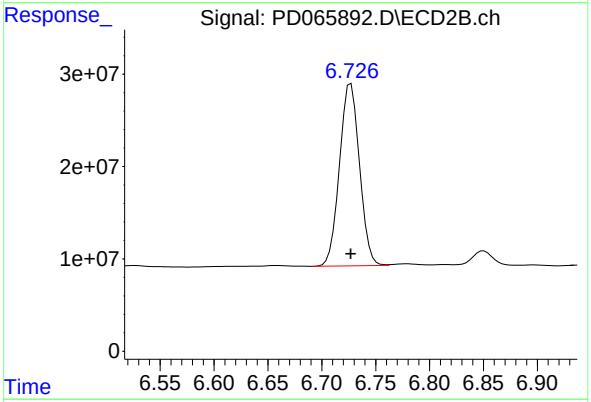
R.T.: 6.527 min
Delta R.T.: 0.018 min
Response: 1166009
Conc: 0.20 ng/ml



#14 Endrin

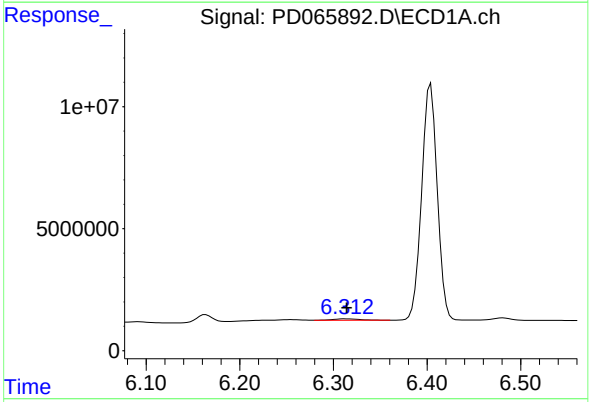
R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 55257422
Conc: 52.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



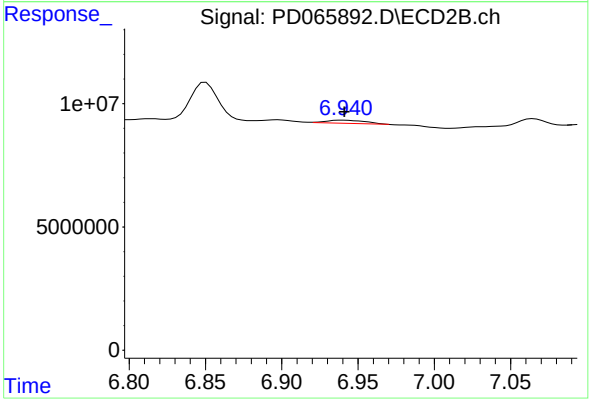
#14 Endrin

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 255146082
Conc: 51.75 ng/ml



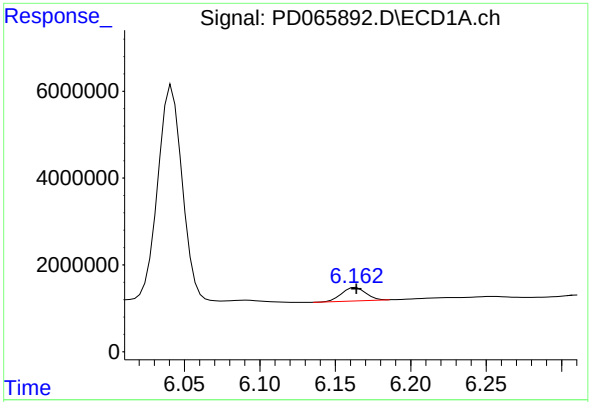
#15 Endosulfan II

R.T.: 6.313 min
Delta R.T.: 0.000 min
Response: 1179329
Conc: 1.09 ng/ml



#15 Endosulfan II

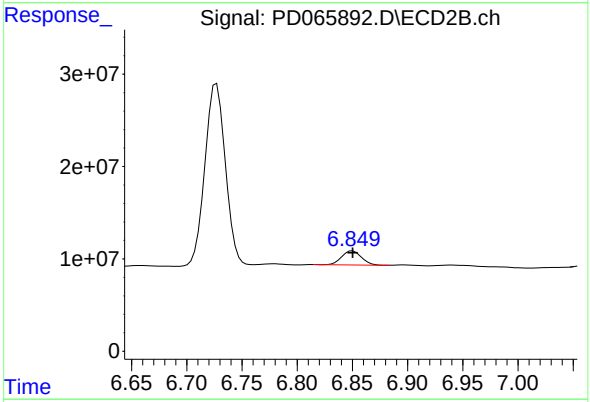
R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 2042667
Conc: 0.42 ng/ml



#16 4,4'-DDD

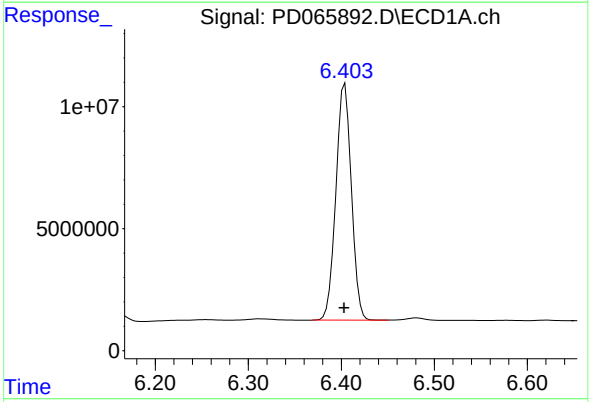
R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 3430011
Conc: 3.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



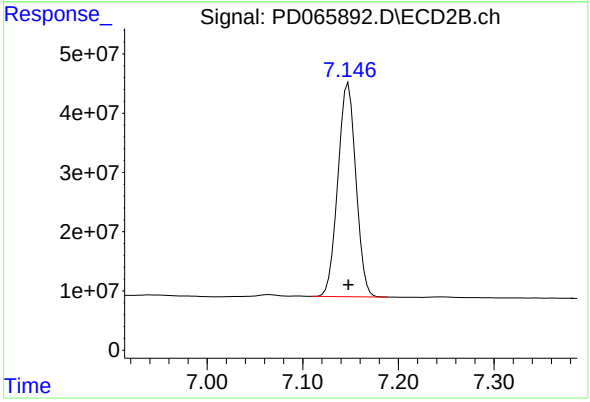
#16 4,4'-DDD

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 19130658
Conc: 3.89 ng/ml



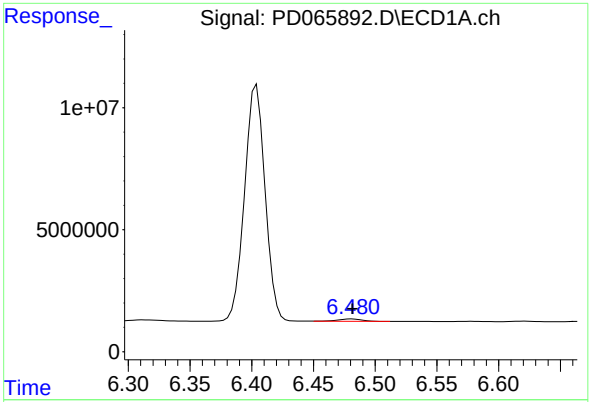
#17 4,4'-DDT

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 112131249
Conc: 101.87 ng/ml



#17 4,4'-DDT

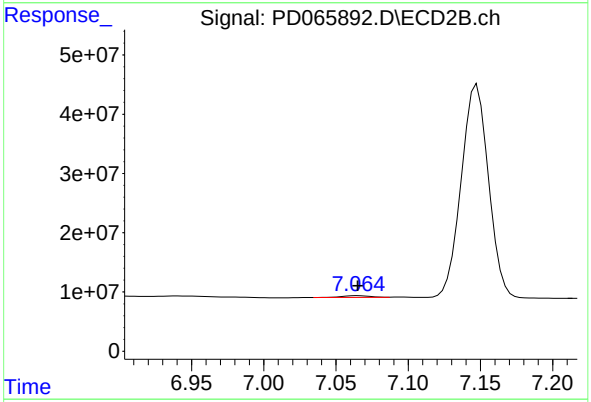
R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 473636000
Conc: 93.76 ng/ml



#18 Endrin aldehyde

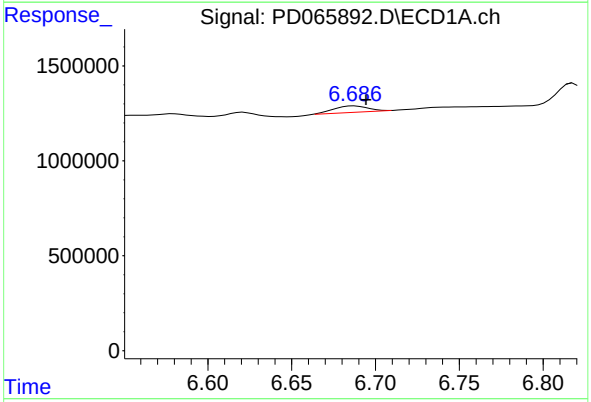
R.T.: 6.481 min
Delta R.T.: 0.000 min
Response: 1353711
Conc: 1.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



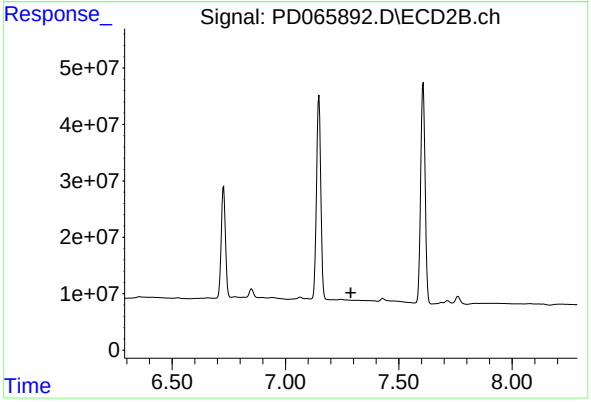
#18 Endrin aldehyde

R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 4190902
Conc: 1.07 ng/ml



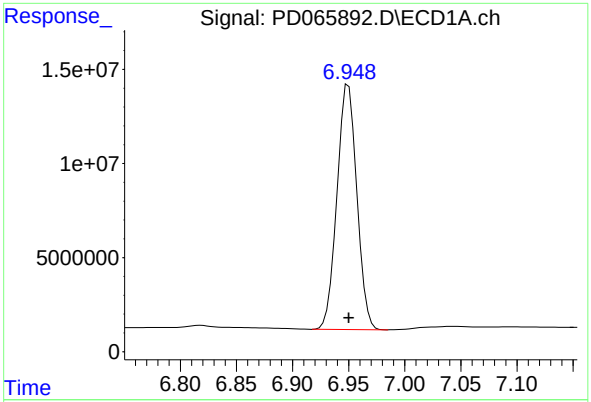
#19 Endosulfan Sulfate

R.T.: 6.688 min
Delta R.T.: -0.007 min
Response: 478456
Conc: 0.42 ng/ml



#19 Endosulfan Sulfate

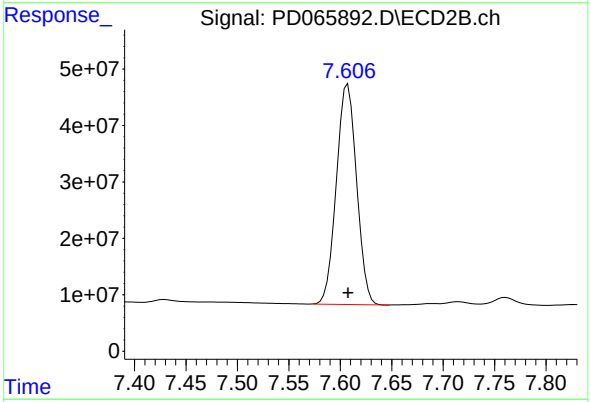
R.T.: 0.000 min
Exp R.T. : 7.288 min
Response: 0
Conc: N.D.



#20 Methoxychlor

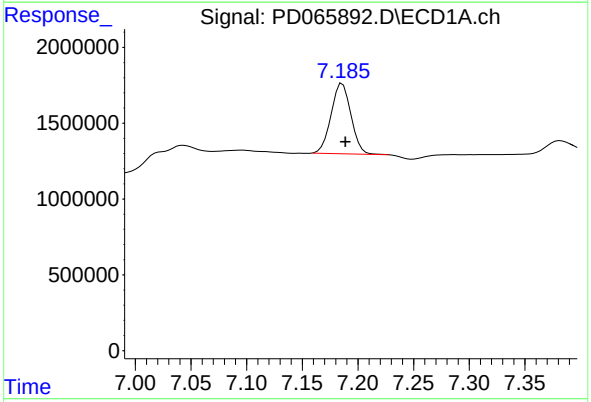
R.T.: 6.950 min
Delta R.T.: 0.000 min
Response: 160416683
Conc: 234.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



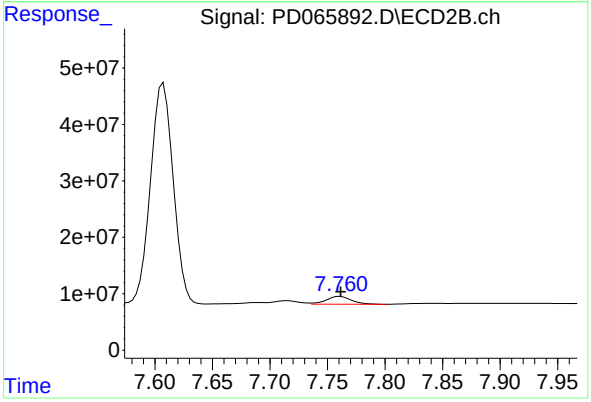
#20 Methoxychlor

R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 534304903
Conc: 203.03 ng/ml



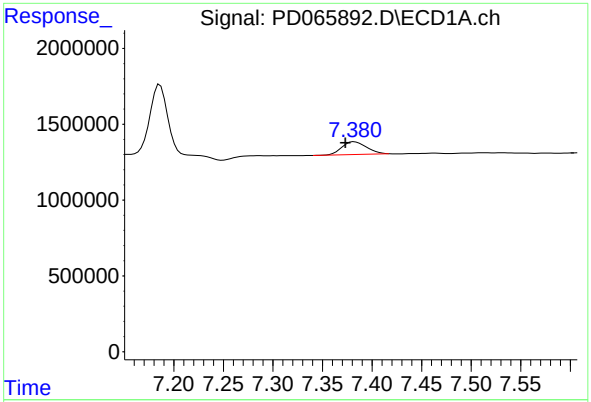
#21 Endrin ketone

R.T.: 7.186 min
Delta R.T.: -0.003 min
Response: 5744895
Conc: 4.08 ng/ml



#21 Endrin ketone

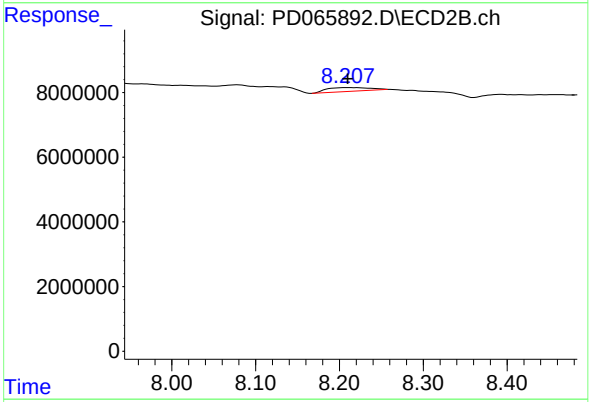
R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 21243118
Conc: 3.72 ng/ml



#22 Mirex

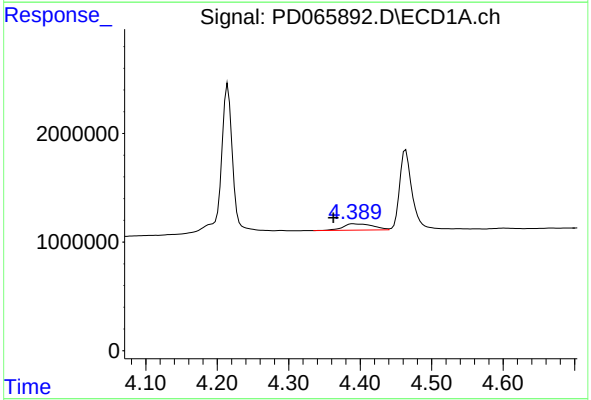
R.T.: 7.382 min
Delta R.T.: 0.009 min
Response: 1471618
Conc: 1.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



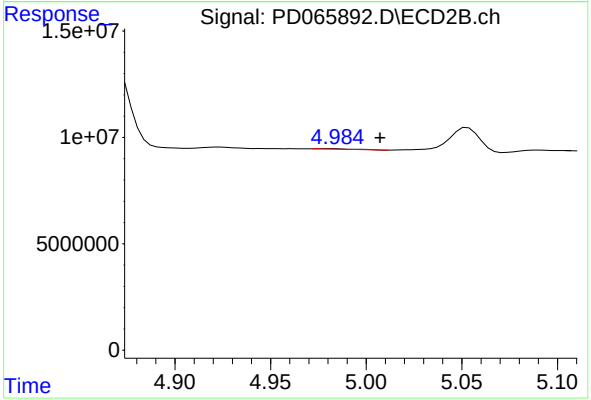
#22 Mirex

R.T.: 8.209 min
Delta R.T.: 0.000 min
Response: 4457636
Conc: 1.13 ng/ml



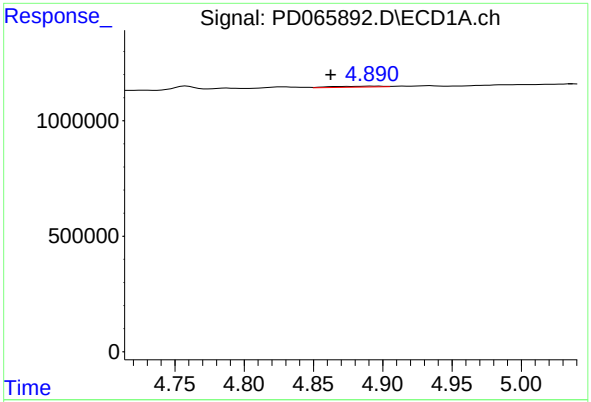
#23 Chlordane-1

R.T.: 4.391 min
Delta R.T.: 0.028 min
Response: 1716788
Conc: 51.25 ng/ml



#23 Chlordane-1

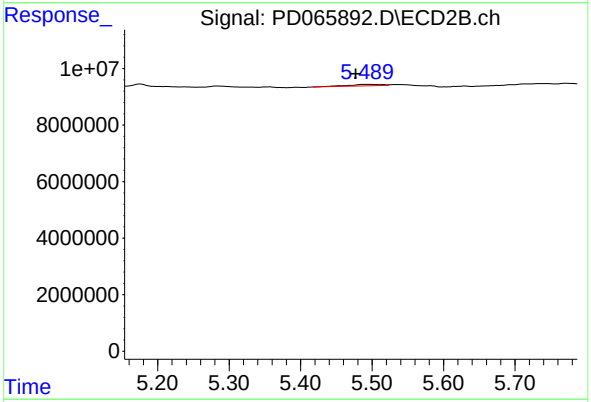
R.T.: 4.982 min
Delta R.T.: -0.025 min
Response: 321937
Conc: 1.45 ng/ml



#24 Chlordane-2

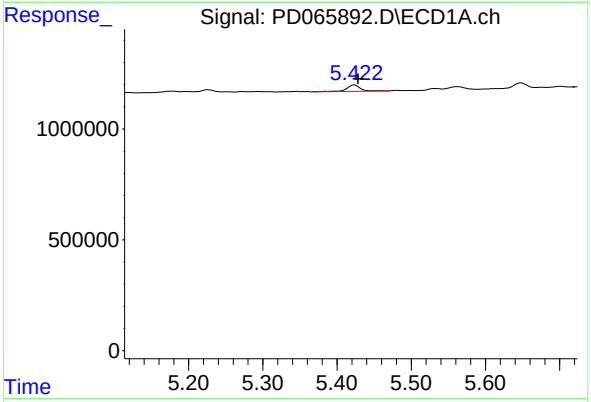
R.T.: 4.892 min
Delta R.T.: 0.030 min
Response: 107908
Conc: 2.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



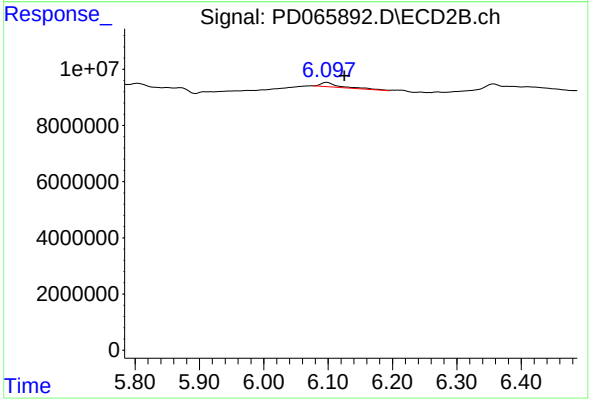
#24 Chlordane-2

R.T.: 5.491 min
Delta R.T.: 0.014 min
Response: 1588467
Conc: 6.87 ng/ml



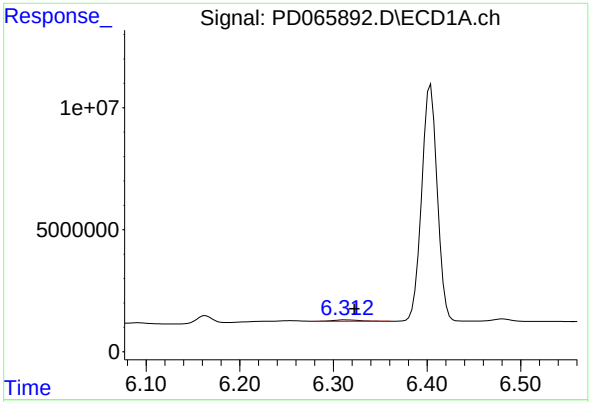
#25 Chlordane-3

R.T.: 5.424 min
Delta R.T.: -0.004 min
Response: 365780
Conc: 3.10 ng/ml



#25 Chlordane-3

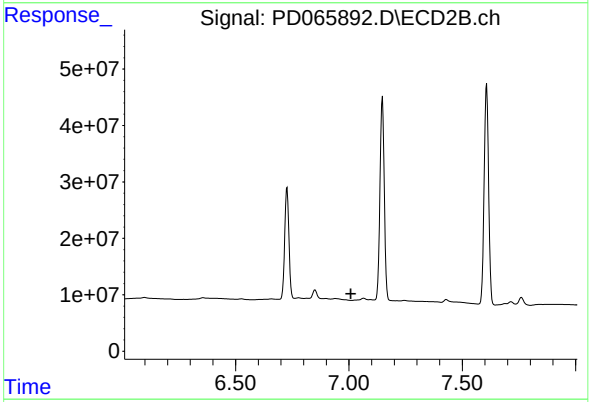
R.T.: 6.098 min
Delta R.T.: -0.027 min
Response: 3543702
Conc: 4.32 ng/ml



#27 Chlordane-5

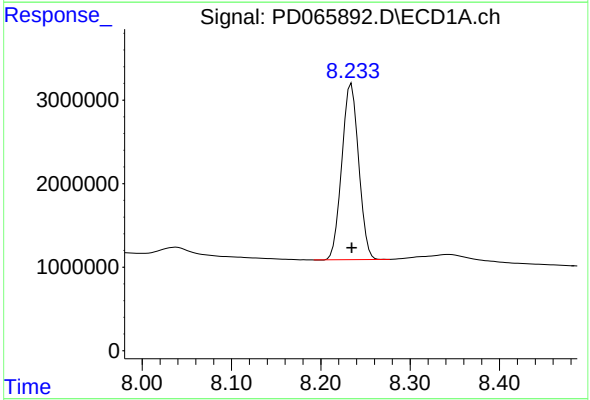
R.T.: 6.313 min
Delta R.T.: -0.009 min
Response: 1179329
Conc: 24.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



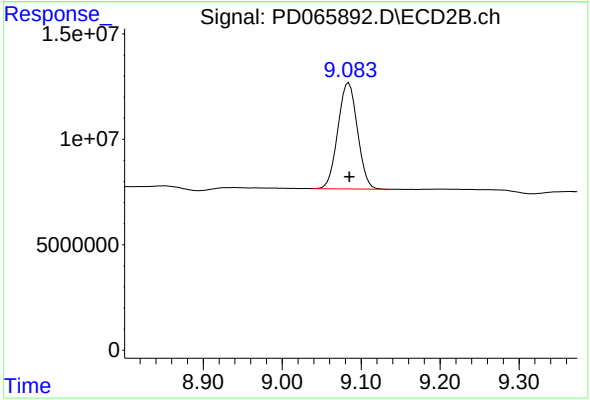
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.234 min
Delta R.T.: 0.000 min
Response: 27610087
Conc: 20.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.084 min
Delta R.T.: 0.000 min
Response: 86701696
Conc: 22.40 ng/ml