Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021920\
Data File : PD057372.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2020 15:31
Operator : AJ\MA
Sample : PEM28
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : ECD_D
ClientSampleId : PEM28

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 07:34:21 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021920CLP.M
Quant Title : GC Extractables
QLast Update : Thu Feb 20 06:48:19 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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...	3.227	3.897	15129692	29276584	18.013	18.367	
27)	SA Decachlor...	7.867	8.897	17509393	40175786	17.813	16.964	
	Target Compounds							
2)	A alpha-BHC	3.650	4.281	9856909	21840333	8.396	9.159	
3)	MA gamma-BHC...	3.921	4.561	9660992	20303005	8.428	8.628	
4)	MA Heptachlor	4.169f	5.067	4514579	-23784	7.773	N.D.	#
5)	MB Aldrin	4.448	0.000	231657	0	0.213	N.D.	#
6)	B beta-BHC	4.169	4.731	4514579	10294532	9.532	9.572	
7)	B delta-BHC	0.000	4.911f	0	52733	N.D.	<MDL	
8)	B Heptachlo...	0.000	5.736	0	1051047	N.D.	0.429	
9)	A Endosulfan I	0.000	6.110	0	90108	N.D.	<MDL	
10)	B trans-Chl...	0.000	5.950	0	233448	N.D.	<MDL	
11)	B cis-Chlor...	0.000	6.069	0	86208	N.D.	<MDL	
12)	B 4,4'-DDE	5.315	6.209	153453	412768	0.144	0.156	
13)	MA Dieldrin	0.000	6.342	0	66337	N.D.	<MDL	
14)	MA Endrin	5.686	6.570	34074402	107.3E6	40.640	46.442	
15)	B Endosulfa...	0.000	6.793	0	716989	N.D.	0.299	
16)	A 4,4'-DDD	5.824	6.696	620347	1651311	0.897	0.730	
17)	MA 4,4'-DDT	6.056	6.992	40619662	151.0E6	80.439	84.740	
18)	B Endrin al...	6.127	6.902	168359	704559	0.242	0.342	#
19)	B Endosulfa...	0.000	7.162f	0	63574	N.D.	<MDL	
20)	A Methoxychlor	6.603	7.450	51450710	203.6E6	207.177	205.926	
21)	B Endrin ke...	6.816	7.590	1230031	2375854	1.421	0.955	#
22)	Toxaphene-1	0.000	6.292	0	54270	N.D.	4.157	
23)	Toxaphene-2	0.000	6.570	0	107.3E6	N.D.	6781.012	
24)	Toxaphene-3	5.824	6.944	620347	98627	182.241	5.715	#
25)	Toxaphene-4	6.056	6.992	40619662	151.0E6	3315.126	2649.433	
26)	Toxaphene-5	6.677	7.537	107153	1172978	9.085	50.022	#

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

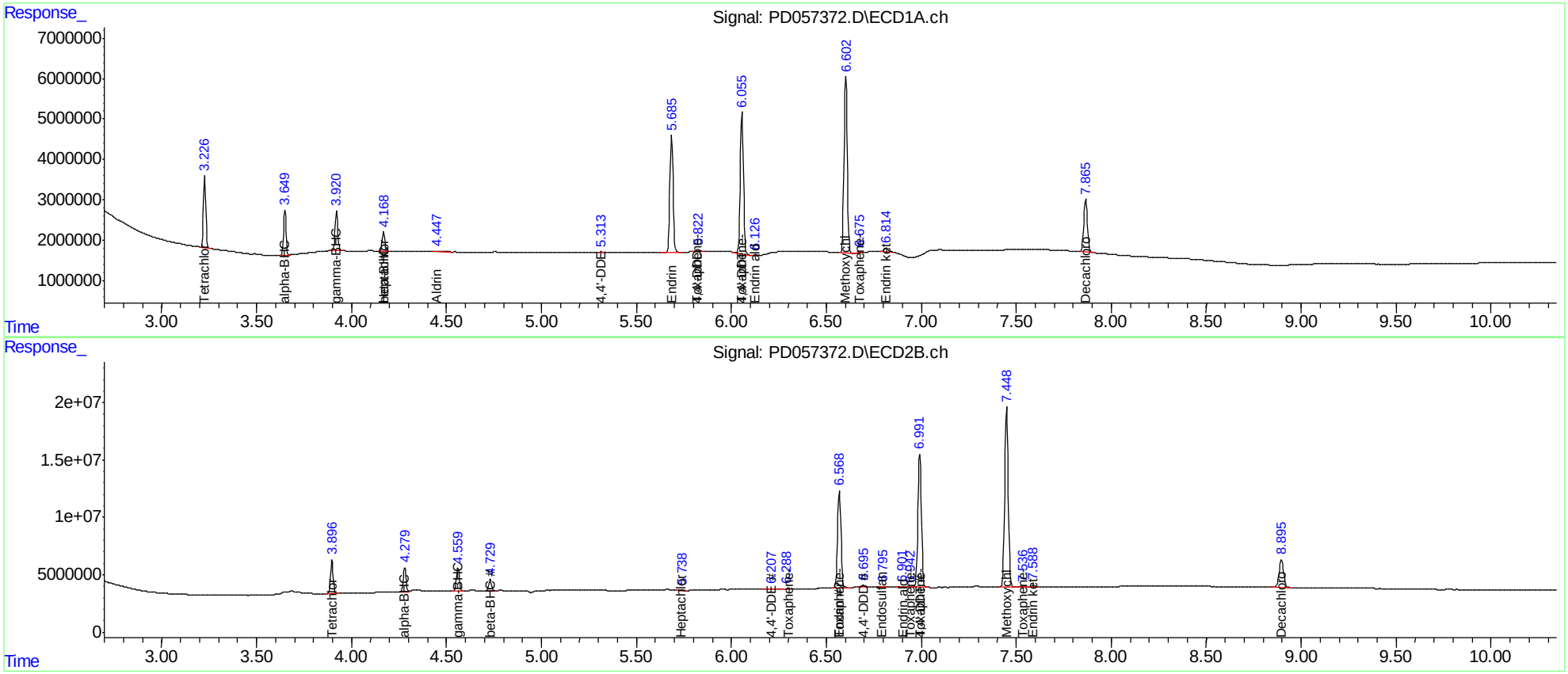
Quantitation Report (Not Reviewed)

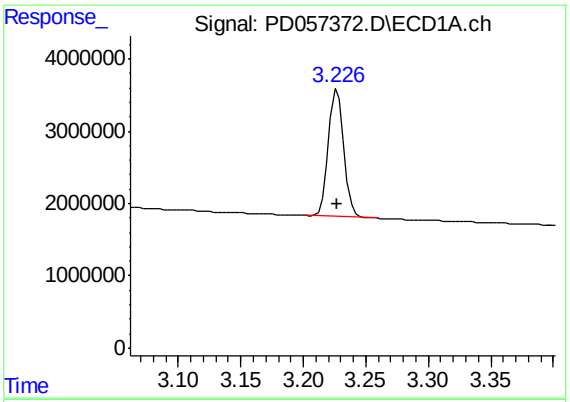
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021920\
Data File : PD057372.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2020 15:31
Operator : AJ\MA
Sample : PEM28
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM28

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 07:34:21 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021920CLP.M
Quant Title : GC Extractables
QLast Update : Thu Feb 20 06:48:19 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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

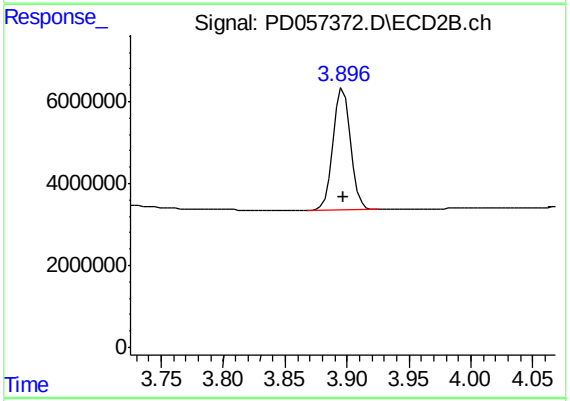




#1 Tetrachloro-m-xylene

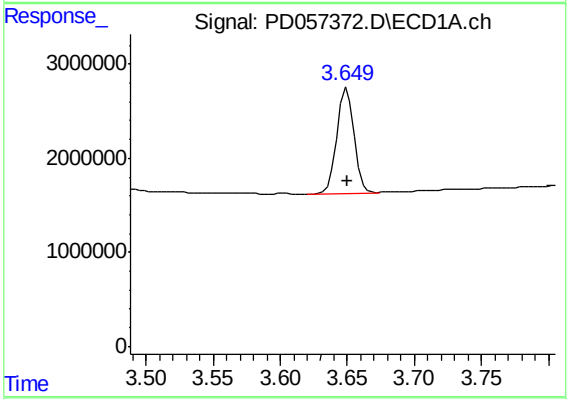
R.T.: 3.227 min
Delta R.T.: 0.000 min
Response: 15129692
Conc: 18.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM28



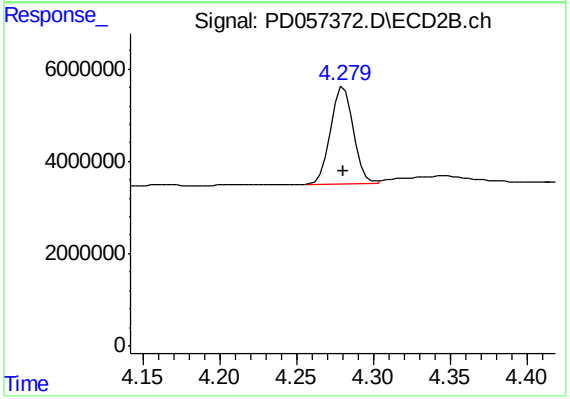
#1 Tetrachloro-m-xylene

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 29276584
Conc: 18.37 ng/ml



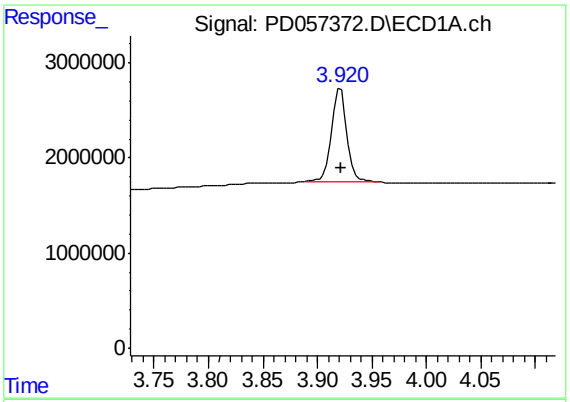
#2 alpha-BHC

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 9856909
Conc: 8.40 ng/ml



#2 alpha-BHC

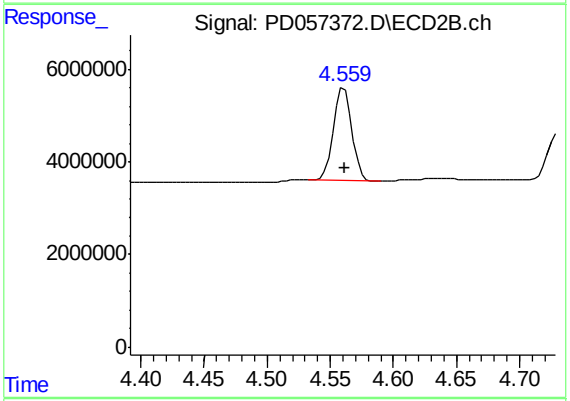
R.T.: 4.281 min
Delta R.T.: 0.000 min
Response: 21840333
Conc: 9.16 ng/ml



#3 gamma-BHC (Lindane)

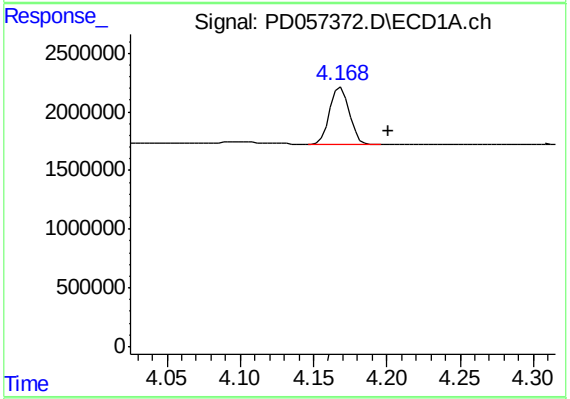
R.T.: 3.921 min
Delta R.T.: 0.000 min
Response: 9660992
Conc: 8.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM28



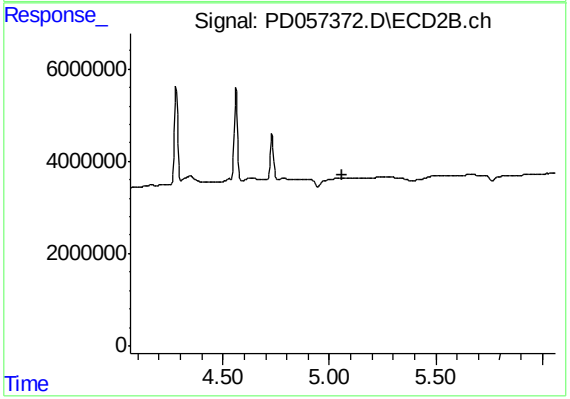
#3 gamma-BHC (Lindane)

R.T.: 4.561 min
Delta R.T.: 0.000 min
Response: 20303005
Conc: 8.63 ng/ml



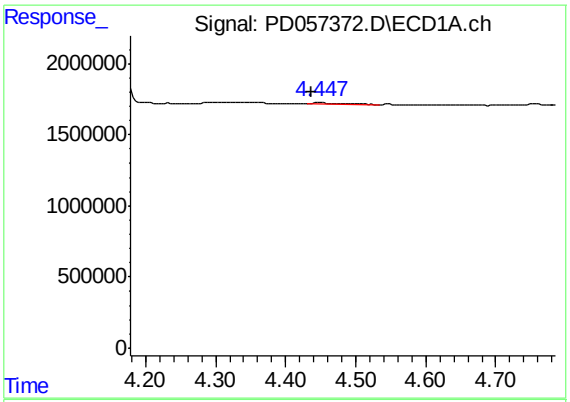
#4 Heptachlor

R.T.: 4.169 min
Delta R.T.: -0.032 min
Response: 4514579
Conc: 7.77 ng/ml



#4 Heptachlor

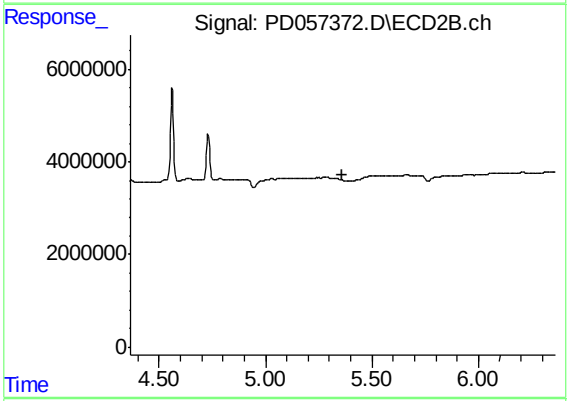
R.T.: 5.067 min
Delta R.T.: 0.005 min
Response: -23784
Conc: N.D.



#5 Aldrin

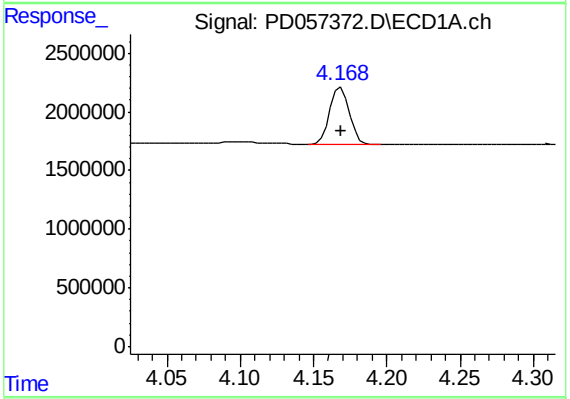
R.T.: 4.448 min
Delta R.T.: 0.011 min
Response: 231657
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM28



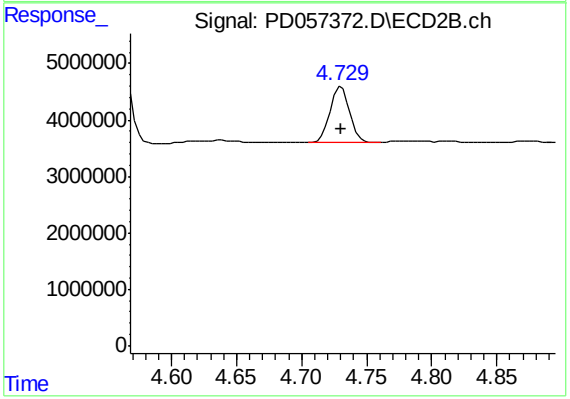
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.363 min
Response: 0
Conc: N.D.



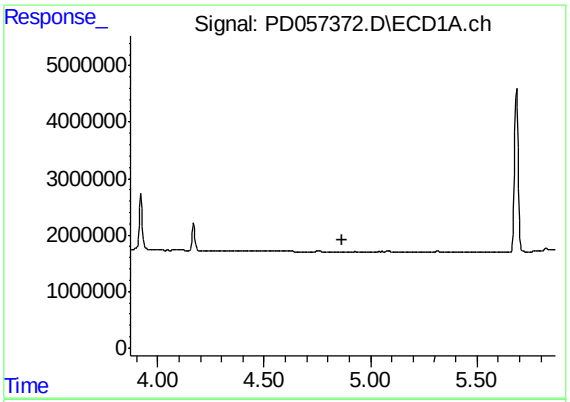
#6 beta-BHC

R.T.: 4.169 min
Delta R.T.: 0.000 min
Response: 4514579
Conc: 9.53 ng/ml



#6 beta-BHC

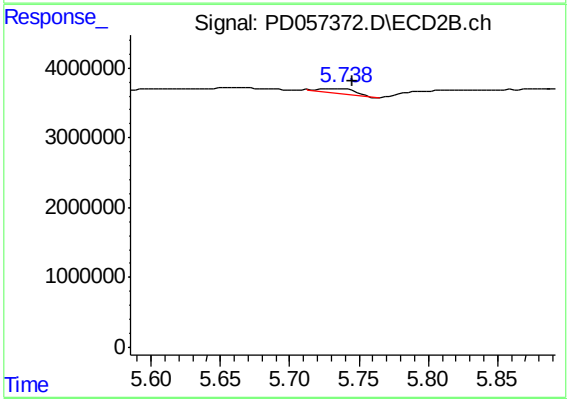
R.T.: 4.731 min
Delta R.T.: 0.000 min
Response: 10294532
Conc: 9.57 ng/ml



#8 Heptachlor epoxide

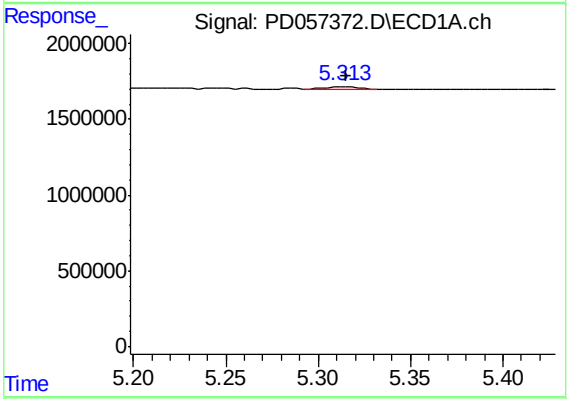
R.T.: 0.000 min
Exp R.T. : 4.869 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM28



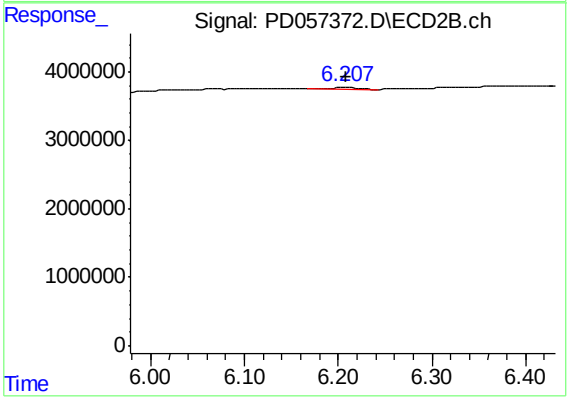
#8 Heptachlor epoxide

R.T.: 5.736 min
Delta R.T.: -0.010 min
Response: 1051047
Conc: 0.43 ng/ml



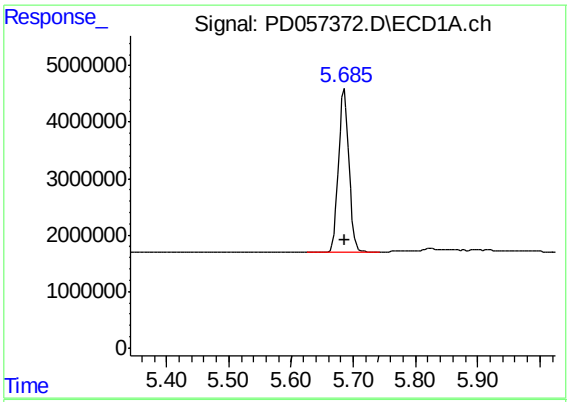
#12 4,4'-DDE

R.T.: 5.315 min
Delta R.T.: 0.000 min
Response: 153453
Conc: 0.14 ng/ml



#12 4,4'-DDE

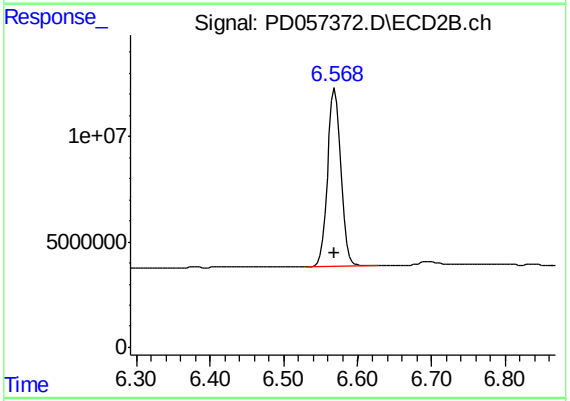
R.T.: 6.209 min
Delta R.T.: 0.000 min
Response: 412768
Conc: 0.16 ng/ml



#14 Endrin

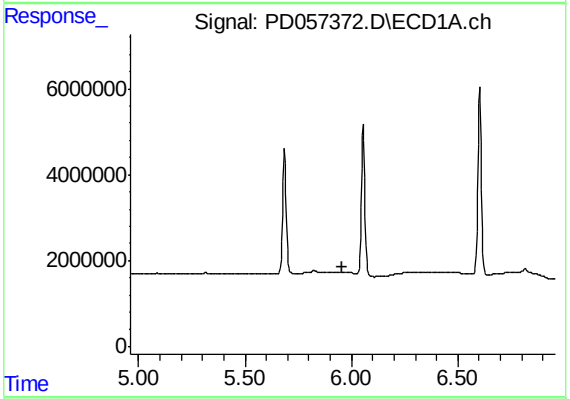
R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 34074402
Conc: 40.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM28



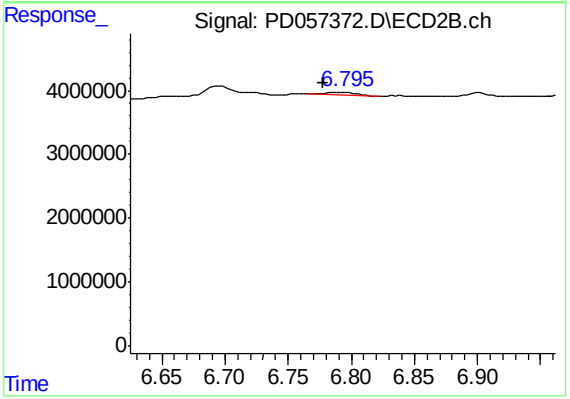
#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 107302475
Conc: 46.44 ng/ml



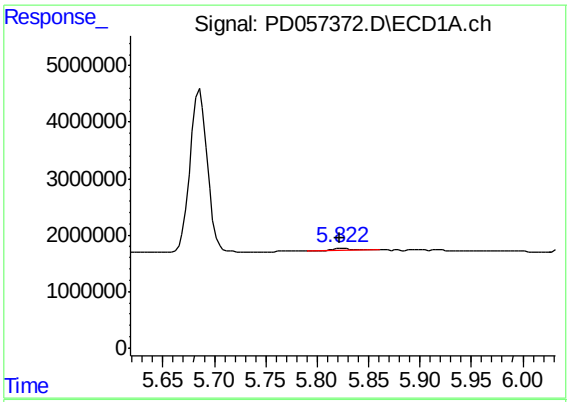
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 5.958 min
Response: 0
Conc: N.D.



#15 Endosulfan II

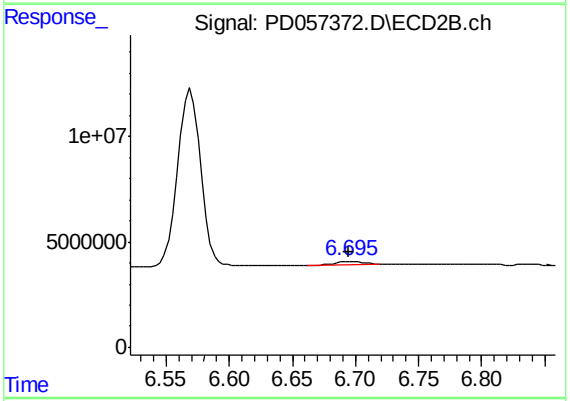
R.T.: 6.793 min
Delta R.T.: 0.016 min
Response: 716989
Conc: 0.30 ng/ml



#16 4,4'-DDD

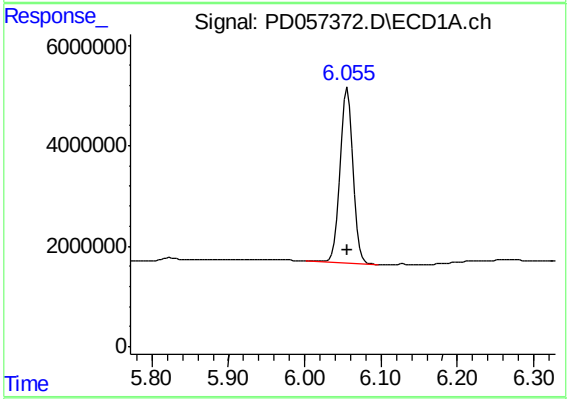
R.T.: 5.824 min
Delta R.T.: 0.002 min
Response: 620347
Conc: 0.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM28



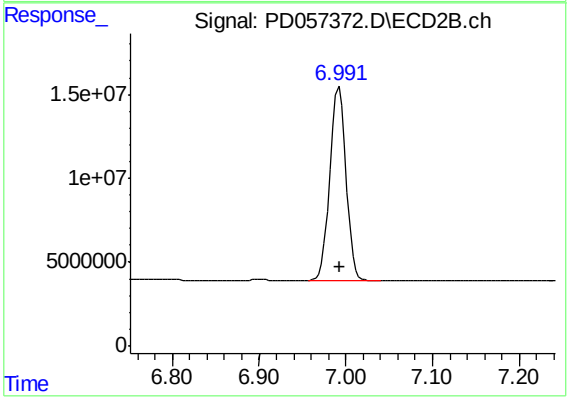
#16 4,4'-DDD

R.T.: 6.696 min
Delta R.T.: 0.001 min
Response: 1651311
Conc: 0.73 ng/ml



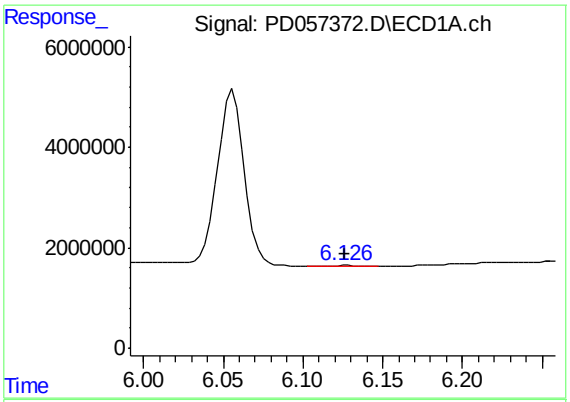
#17 4,4'-DDT

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 40619662
Conc: 80.44 ng/ml



#17 4,4'-DDT

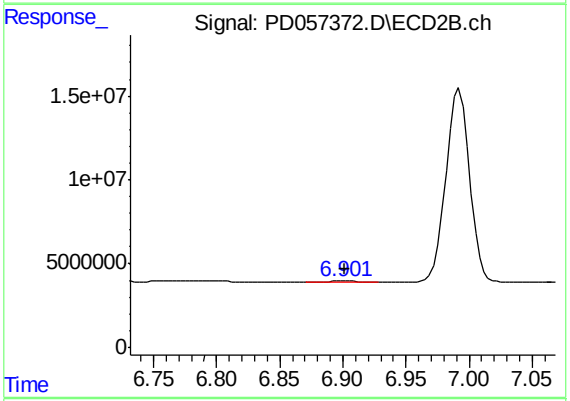
R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 150987893
Conc: 84.74 ng/ml



#18 Endrin aldehyde

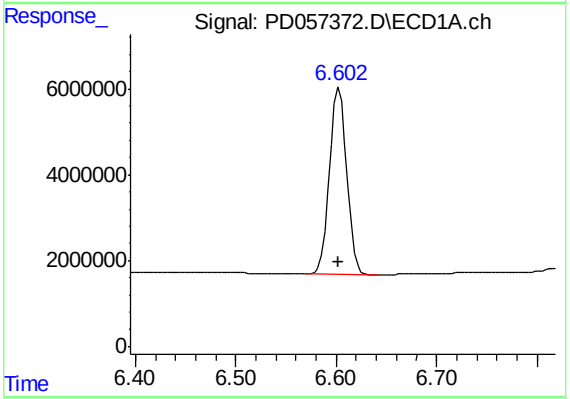
R.T.: 6.127 min
Delta R.T.: 0.001 min
Response: 168359
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM28



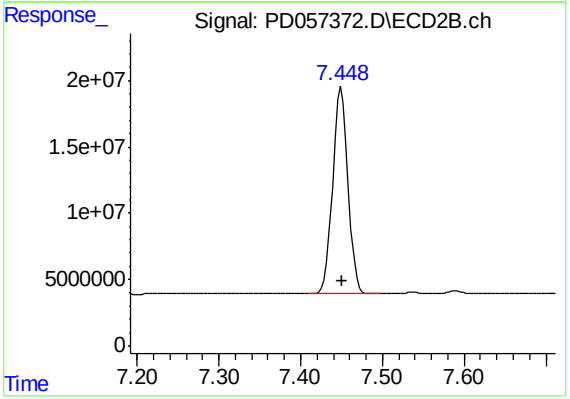
#18 Endrin aldehyde

R.T.: 6.902 min
Delta R.T.: 0.000 min
Response: 704559
Conc: 0.34 ng/ml



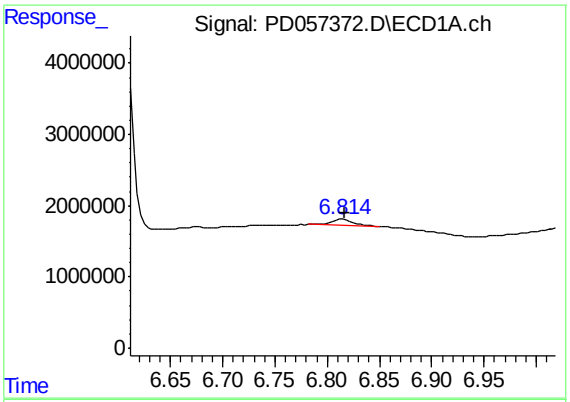
#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 51450710
Conc: 207.18 ng/ml



#20 Methoxychlor

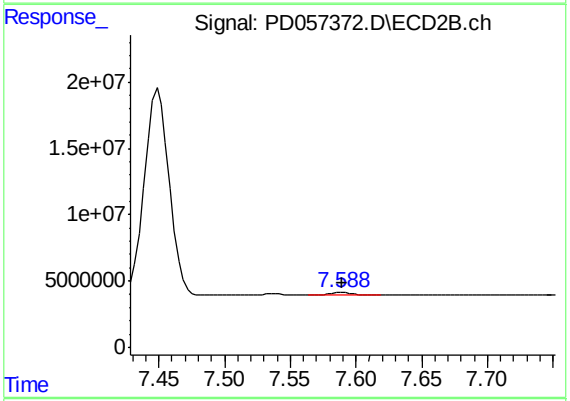
R.T.: 7.450 min
Delta R.T.: -0.001 min
Response: 203598661
Conc: 205.93 ng/ml



#21 Endrin ketone

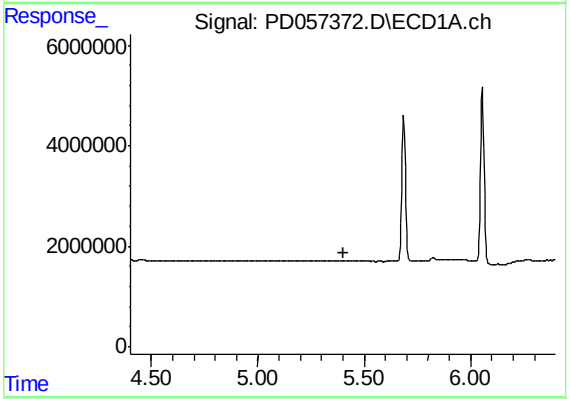
R.T.: 6.816 min
Delta R.T.: -0.001 min
Response: 1230031
Conc: 1.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM28



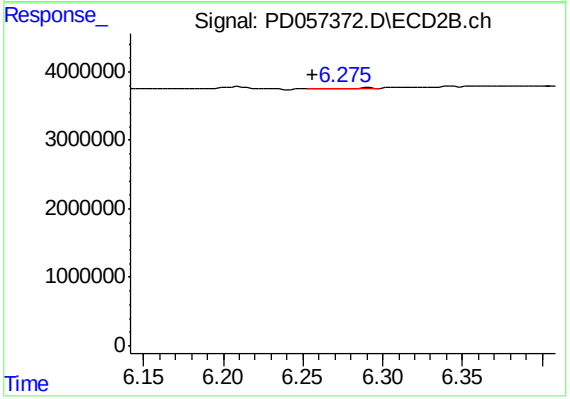
#21 Endrin ketone

R.T.: 7.590 min
Delta R.T.: 0.000 min
Response: 2375854
Conc: 0.95 ng/ml



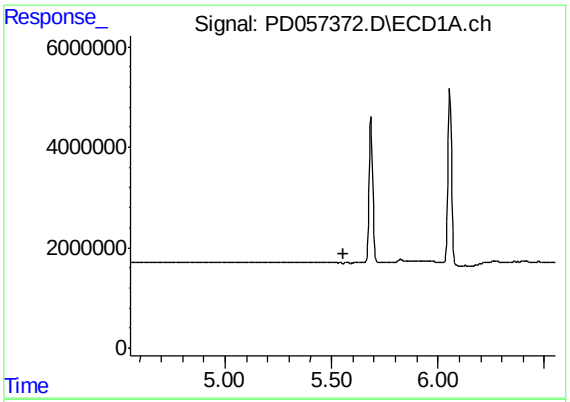
#22 Toxaphene-1

R.T.: 0.000 min
Exp R.T. : 5.401 min
Response: 0
Conc: N.D.



#22 Toxaphene-1

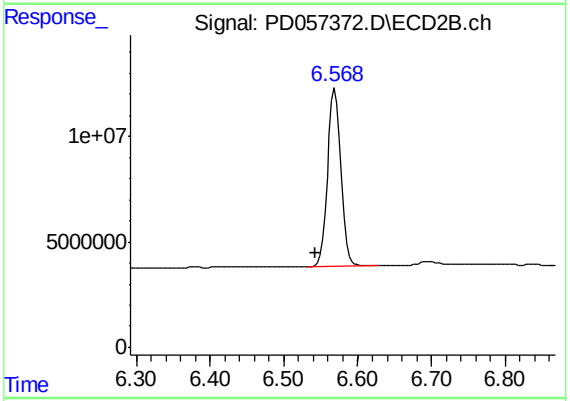
R.T.: 6.292 min
Delta R.T.: 0.035 min
Response: 54270
Conc: 4.16 ng/ml



#23 Toxaphene-2

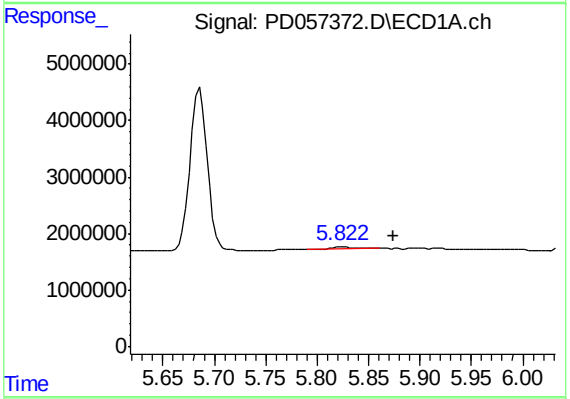
R.T.: 0.000 min
Exp R.T. : 5.553 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM28



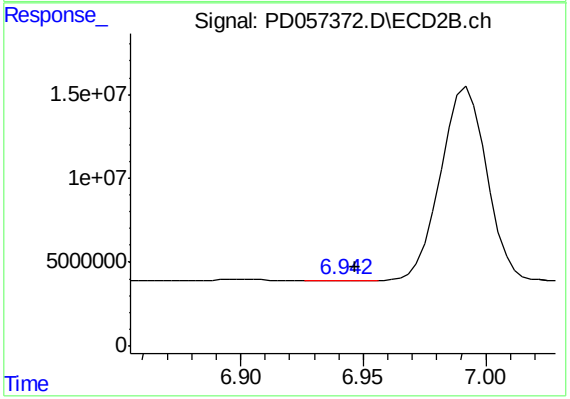
#23 Toxaphene-2

R.T.: 6.570 min
Delta R.T.: 0.026 min
Response: 107302475
Conc: 6781.01 ng/ml



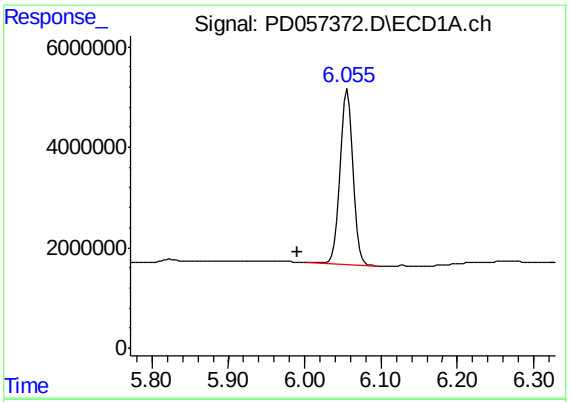
#24 Toxaphene-3

R.T.: 5.824 min
Delta R.T.: -0.050 min
Response: 620347
Conc: 182.24 ng/ml



#24 Toxaphene-3

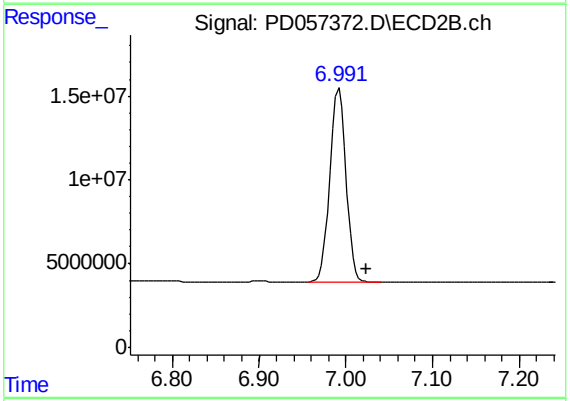
R.T.: 6.944 min
Delta R.T.: -0.003 min
Response: 98627
Conc: 5.72 ng/ml



#25 Toxaphene-4

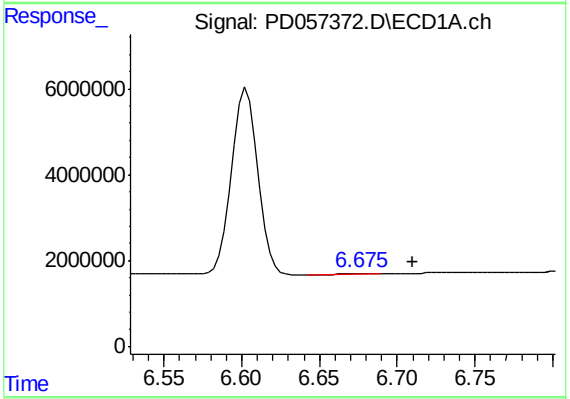
R.T.: 6.056 min
Delta R.T.: 0.066 min
Response: 40619662
Conc: 3315.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM28



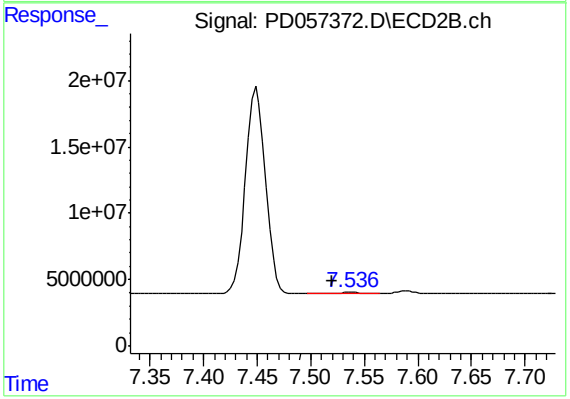
#25 Toxaphene-4

R.T.: 6.992 min
Delta R.T.: -0.032 min
Response: 150987893
Conc: 2649.43 ng/ml



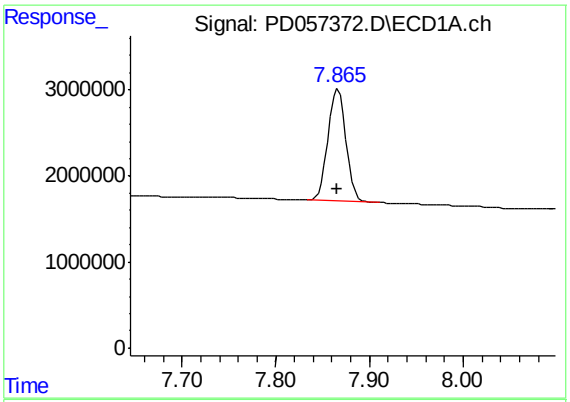
#26 Toxaphene-5

R.T.: 6.677 min
Delta R.T.: -0.034 min
Response: 107153
Conc: 9.08 ng/ml



#26 Toxaphene-5

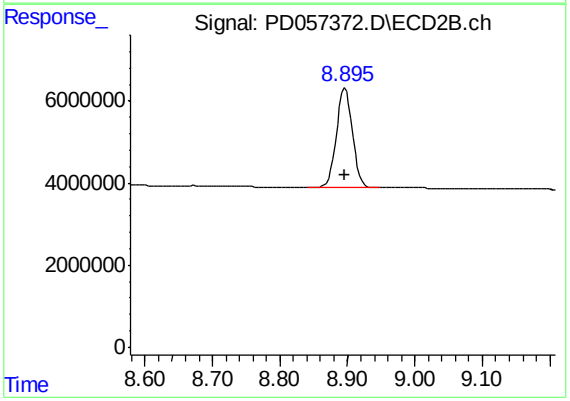
R.T.: 7.537 min
Delta R.T.: 0.018 min
Response: 1172978
Conc: 50.02 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.867 min
Delta R.T.: 0.000 min
Response: 17509393
Conc: 17.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM28



#27 Decachlorobiphenyl

R.T.: 8.897 min
Delta R.T.: 0.000 min
Response: 40175786
Conc: 16.96 ng/ml