

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121020\
 Data File : PD060676.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Dec 2020 11:33
 Operator : DD\AJ
 Sample : PEM26
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM026

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 04:41:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120420CLP.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 04 03:58:39 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...	3.501	4.022	22107341	84850837	18.923	21.572
27)	SA Decachlor...	8.289	9.106	29441225	70370861	19.749	21.739
Target Compounds							
2)	A alpha-BHC	3.942	4.412	16169790	62690241	9.602	10.623
3)	MA gamma-BHC...	4.227	4.698	15211436	56940714	9.431	10.619
6)	B beta-BHC	4.477	4.866	7681626	25974887	10.018	10.915
8)	B Heptachlo...	5.170f	5.894	1498605	17846493	0.981	4.143 #
12)	B 4,4'-DDE	0.000	6.435f	0	1574903	N.D.	0.357
14)	MA Endrin	6.076	6.736	64883430	193.2E6	50.147	52.409
16)	A 4,4'-DDD	6.201	6.855	1377028	4372780	1.072	1.187
17)	MA 4,4'-DDT	6.443	7.155	131.4E6	386.0E6	100.867	107.572
18)	B Endrin al...	0.000	7.068	0	1427943	N.D.	0.470
20)	A Methoxychlor	6.990	7.612	164.0E6	456.8E6	241.110	253.185
21)	B Endrin ke...	7.226	7.764	2231682	5068821	1.542	1.335
22)	Toxaphene-1	0.000	6.435	0	1574903	N.D.	55.107
23)	Toxaphene-2	5.916	6.736	640598	193.2E6	47.550	5498.221 #
24)	Toxaphene-3	6.201	7.155	1377028	386.0E6	90.423	7430.260 #
25)	Toxaphene-4	6.443	7.155	131.4E6	386.0E6	3804.585	2691.170 #
26)	Toxaphene-5	7.061	7.695	1093503	2857828	29.219	44.358 #

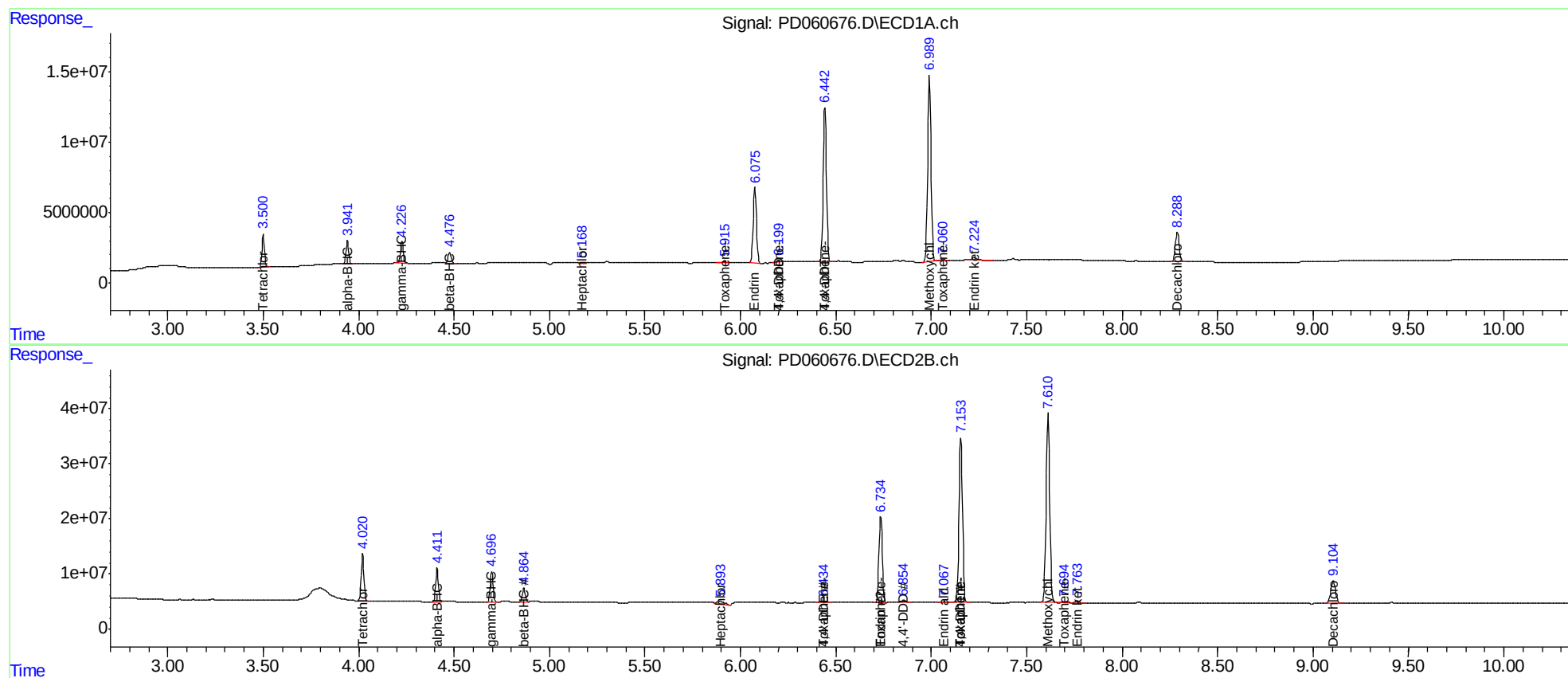
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

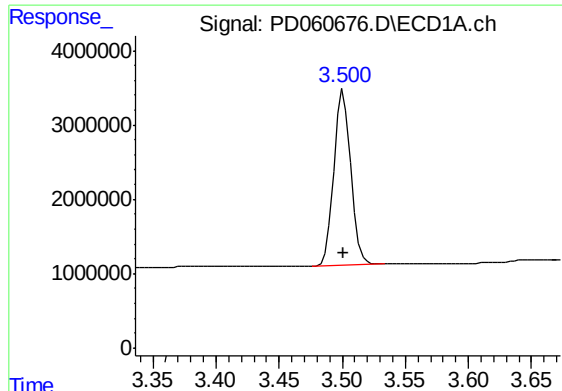
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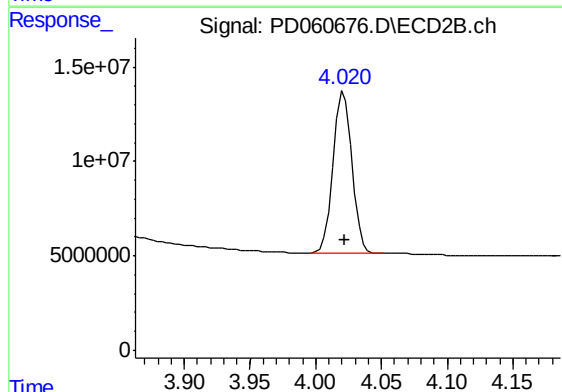




#1 Tetrachloro-m-xylene

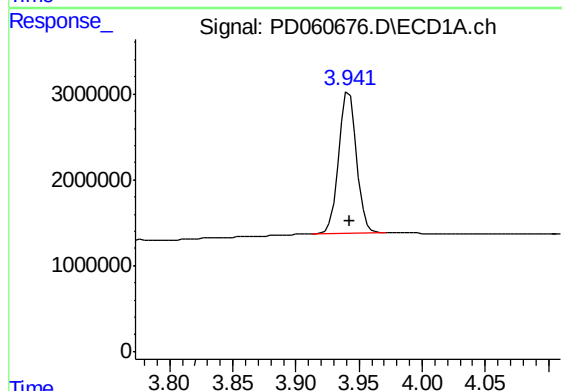
R.T.: 3.501 min
Delta R.T.: 0.000 min
Response: 22107341
Conc: 18.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM026



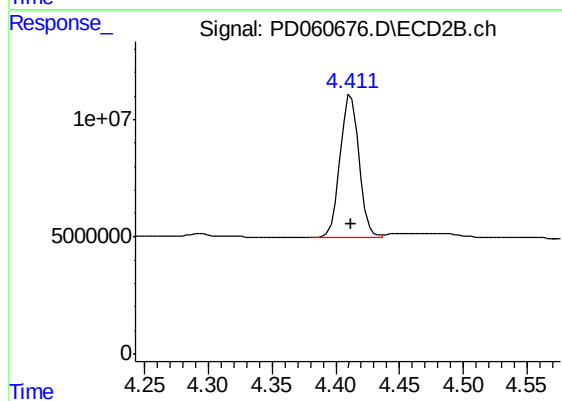
#1 Tetrachloro-m-xylene

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 84850837
Conc: 21.57 ng/ml



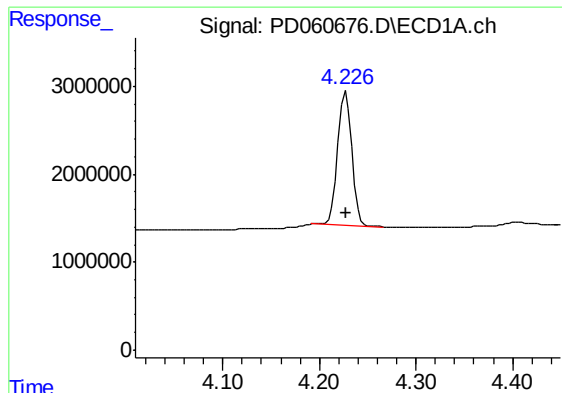
#2 alpha-BHC

R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 16169790
Conc: 9.60 ng/ml



#2 alpha-BHC

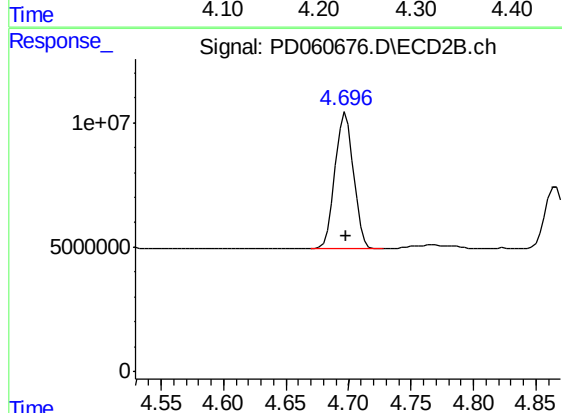
R.T.: 4.412 min
Delta R.T.: 0.000 min
Response: 62690241
Conc: 10.62 ng/ml



#3 gamma-BHC (Lindane)

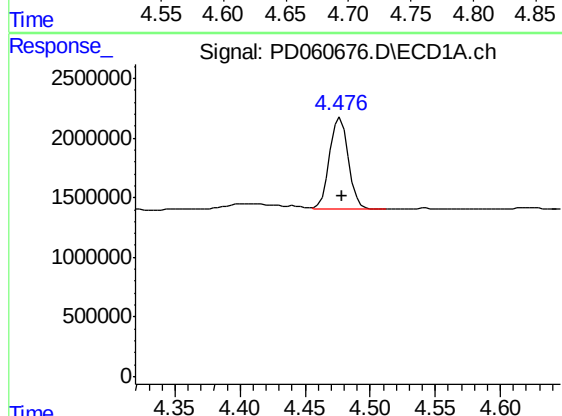
R.T.: 4.227 min
Delta R.T.: 0.000 min
Response: 15211436
Conc: 9.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM026



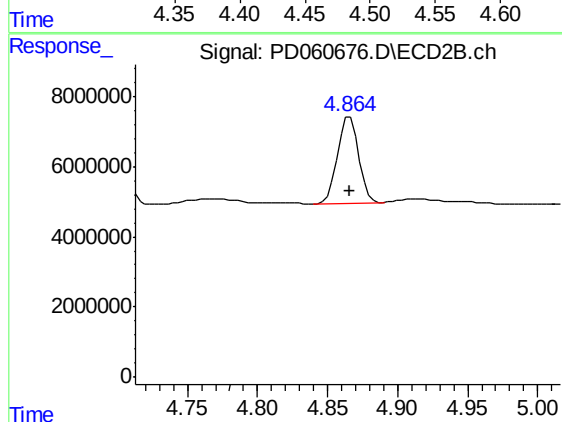
#3 gamma-BHC (Lindane)

R.T.: 4.698 min
Delta R.T.: 0.000 min
Response: 56940714
Conc: 10.62 ng/ml



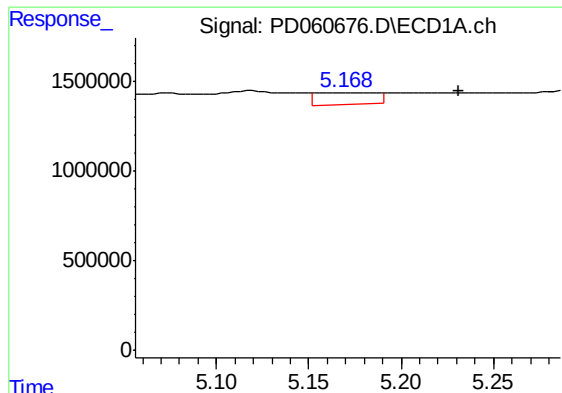
#6 beta-BHC

R.T.: 4.477 min
Delta R.T.: 0.000 min
Response: 7681626
Conc: 10.02 ng/ml



#6 beta-BHC

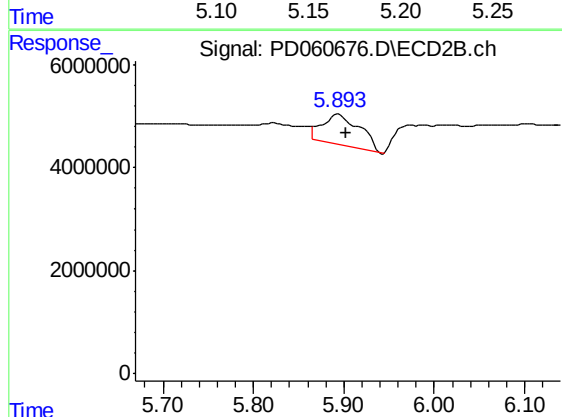
R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 25974887
Conc: 10.92 ng/ml



#8 Heptachlor epoxide

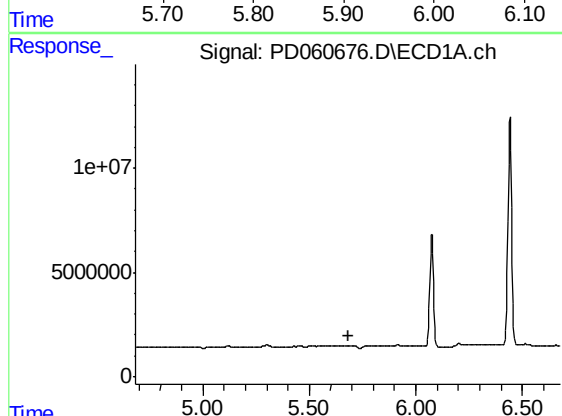
R.T.: 5.170 min
Delta R.T.: -0.062 min
Response: 1498605
Conc: 0.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM026



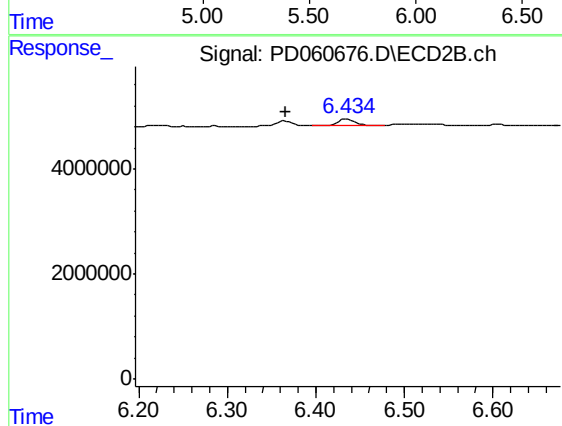
#8 Heptachlor epoxide

R.T.: 5.894 min
Delta R.T.: -0.008 min
Response: 17846493
Conc: 4.14 ng/ml



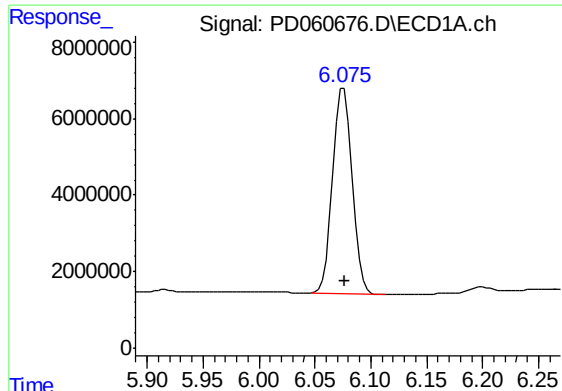
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 5.683 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

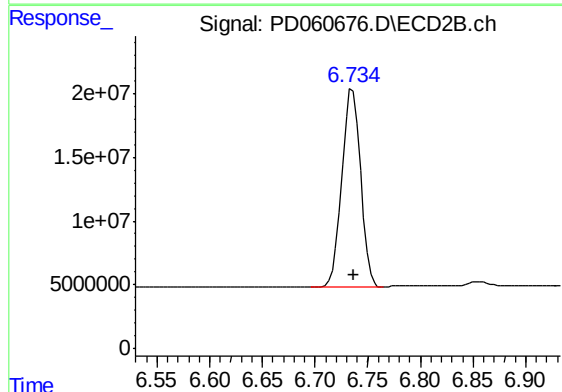
R.T.: 6.435 min
Delta R.T.: 0.070 min
Response: 1574903
Conc: 0.36 ng/ml



#14 Endrin

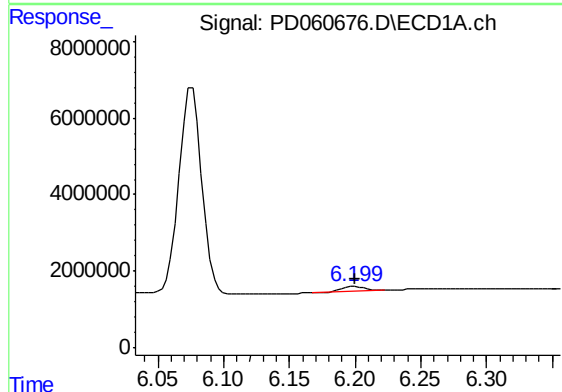
R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 64883430
Conc: 50.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM026



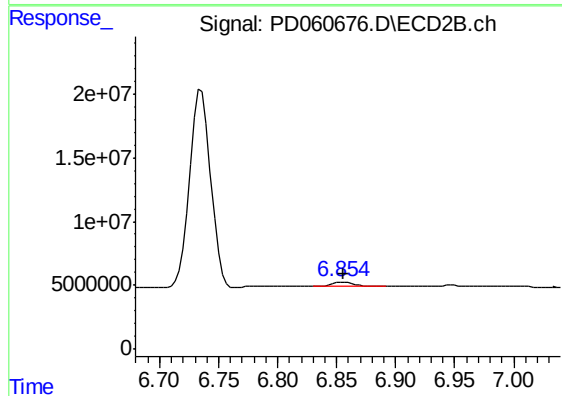
#14 Endrin

R.T.: 6.736 min
Delta R.T.: 0.000 min
Response: 193194367
Conc: 52.41 ng/ml



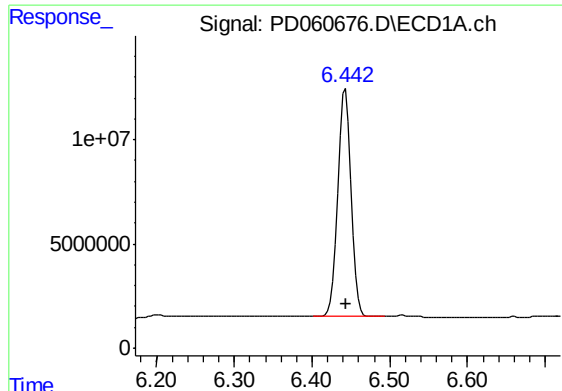
#16 4,4'-DDD

R.T.: 6.201 min
Delta R.T.: 0.000 min
Response: 1377028
Conc: 1.07 ng/ml



#16 4,4'-DDD

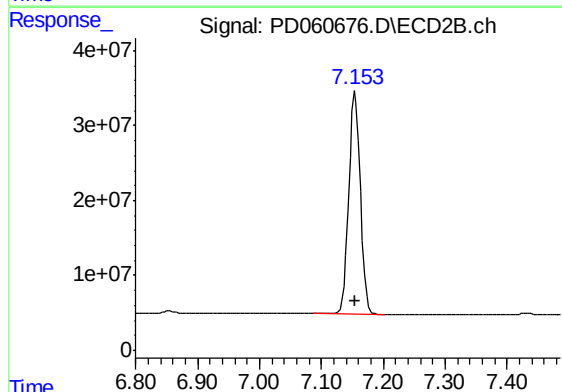
R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 4372780
Conc: 1.19 ng/ml



#17 4,4'-DDT

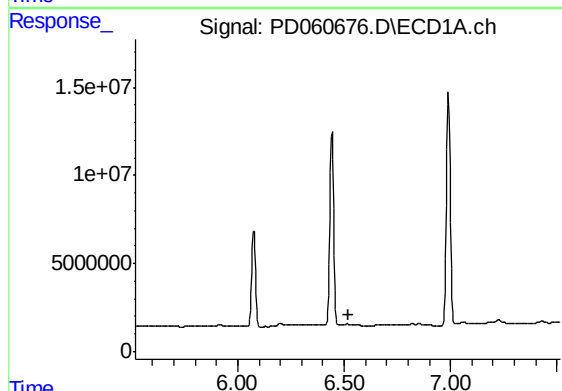
R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 131371422
Conc: 100.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM026



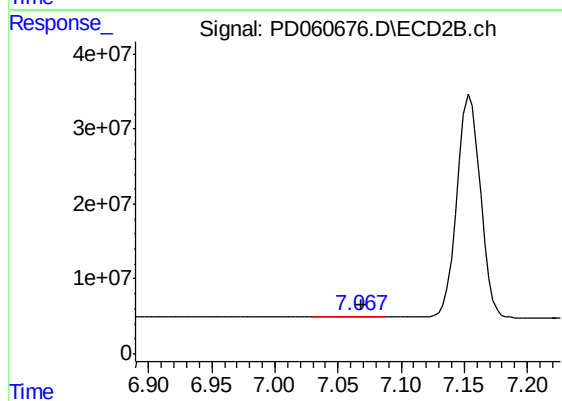
#17 4,4'-DDT

R.T.: 7.155 min
Delta R.T.: 0.000 min
Response: 385990374
Conc: 107.57 ng/ml



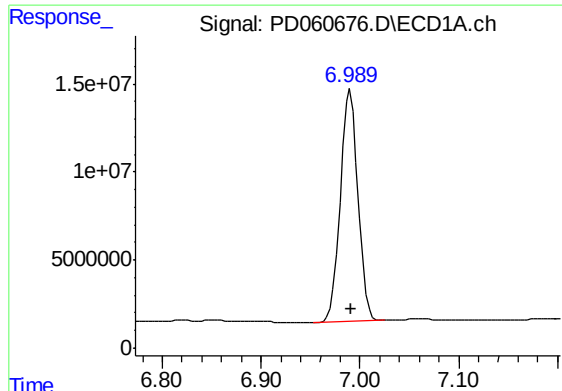
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.519 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

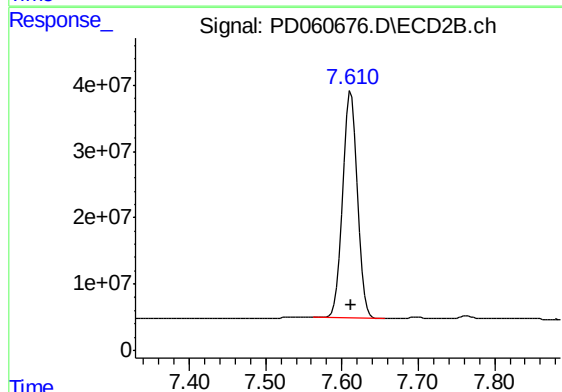
R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 1427943
Conc: 0.47 ng/ml



#20 Methoxychlor

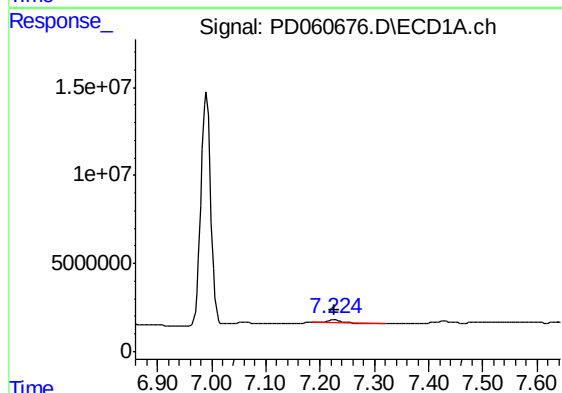
R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 163981672
Conc: 241.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM026



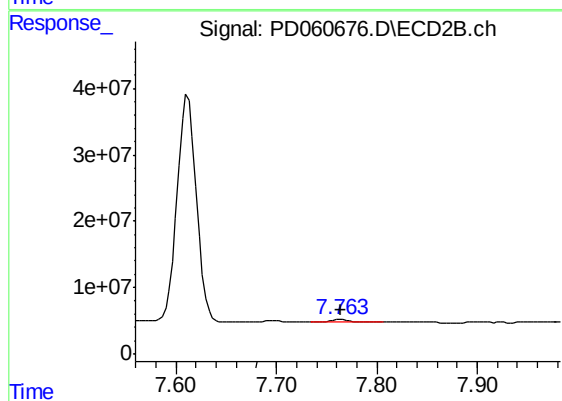
#20 Methoxychlor

R.T.: 7.612 min
Delta R.T.: 0.000 min
Response: 456792198
Conc: 253.18 ng/ml



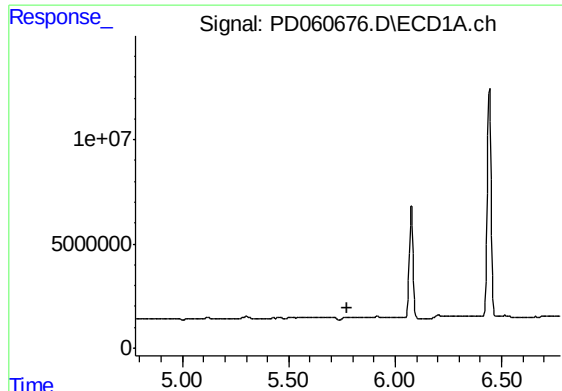
#21 Endrin ketone

R.T.: 7.226 min
Delta R.T.: -0.002 min
Response: 2231682
Conc: 1.54 ng/ml



#21 Endrin ketone

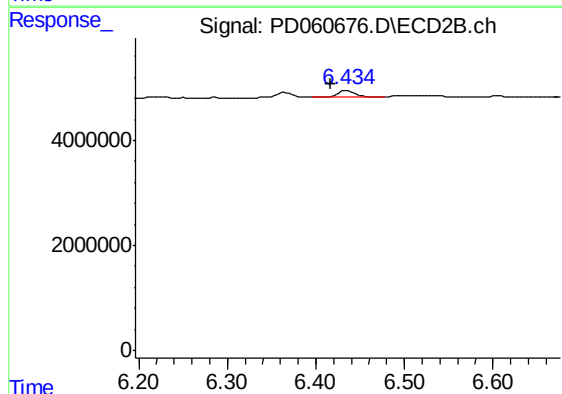
R.T.: 7.764 min
Delta R.T.: 0.000 min
Response: 5068821
Conc: 1.34 ng/ml



#22 Toxaphene-1

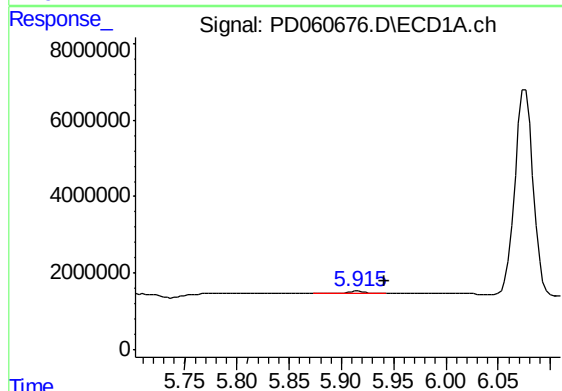
R.T.: 0.000 min
Exp R.T.: 5.778 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM026



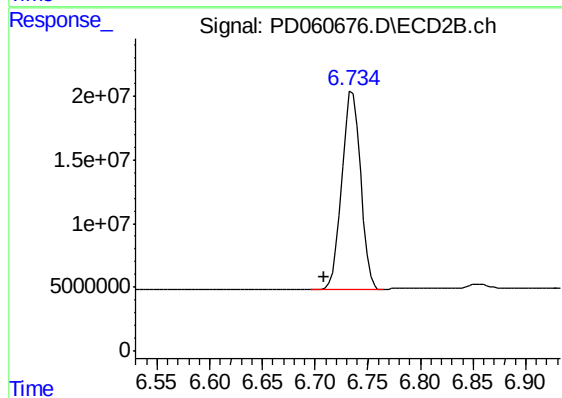
#22 Toxaphene-1

R.T.: 6.435 min
Delta R.T.: 0.019 min
Response: 1574903
Conc: 55.11 ng/ml



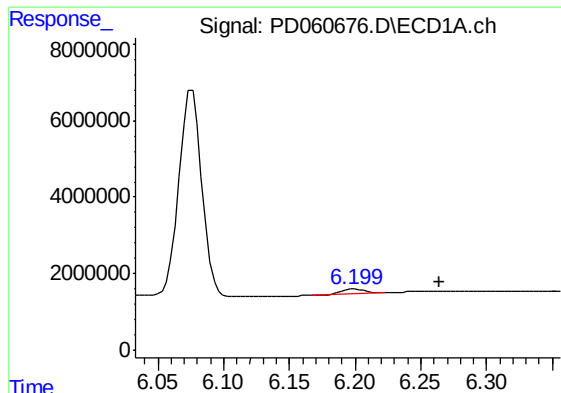
#23 Toxaphene-2

R.T.: 5.916 min
Delta R.T.: -0.025 min
Response: 640598
Conc: 47.55 ng/ml



#23 Toxaphene-2

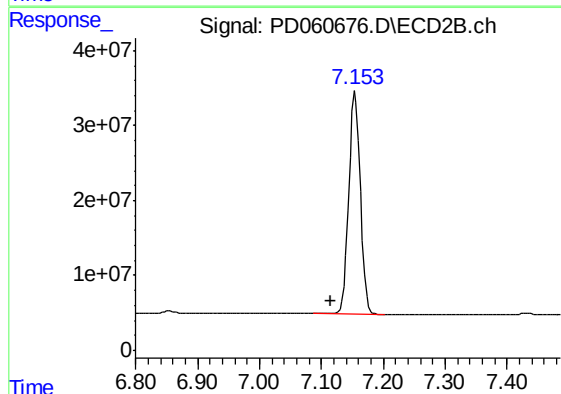
R.T.: 6.736 min
Delta R.T.: 0.027 min
Response: 193194367
Conc: 5498.22 ng/ml



#24 Toxaphene-3

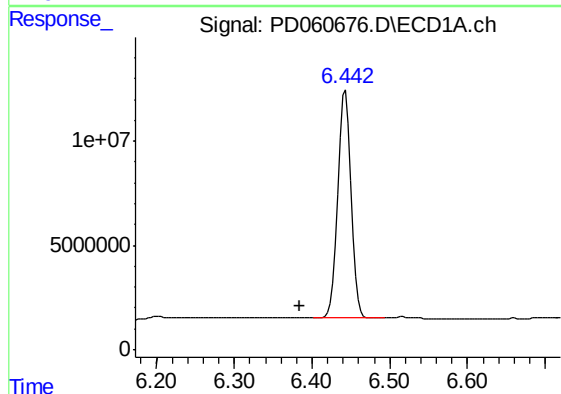
R.T.: 6.201 min
Delta R.T.: -0.064 min
Response: 1377028
Conc: 90.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM026



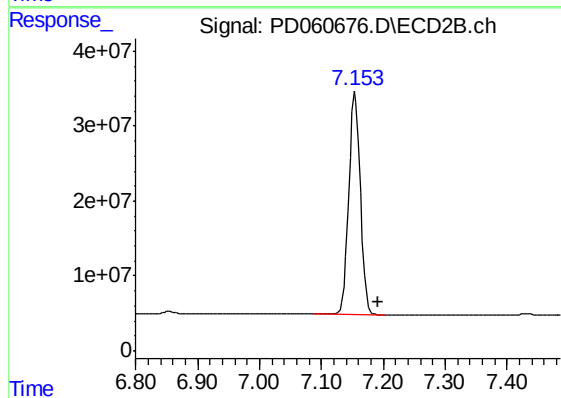
#24 Toxaphene-3

R.T.: 7.155 min
Delta R.T.: 0.040 min
Response: 385990374
Conc: 7430.26 ng/ml



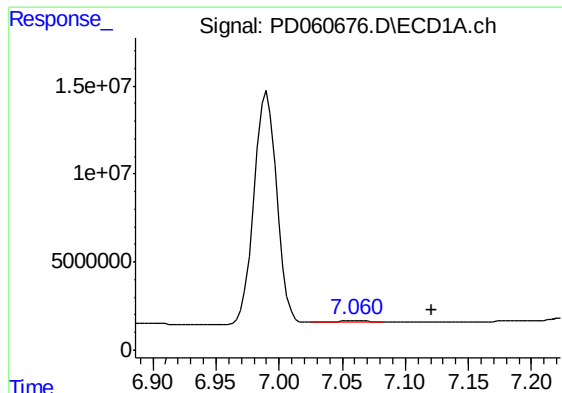
#25 Toxaphene-4

R.T.: 6.443 min
Delta R.T.: 0.058 min
Response: 131371422
Conc: 3804.59 ng/ml



#25 Toxaphene-4

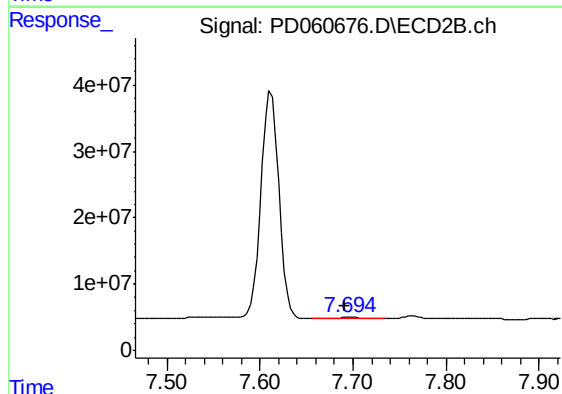
R.T.: 7.155 min
Delta R.T.: -0.036 min
Response: 385990374
Conc: 2691.17 ng/ml



#26 Toxaphene-5

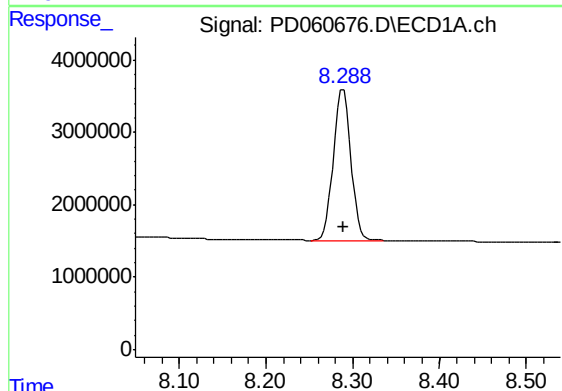
R.T.: 7.061 min
Delta R.T.: -0.060 min
Response: 1093503
Conc: 29.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM026



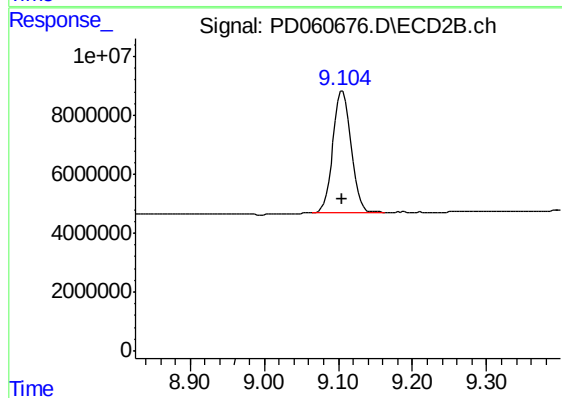
#26 Toxaphene-5

R.T.: 7.695 min
Delta R.T.: 0.004 min
Response: 2857828
Conc: 44.36 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.289 min
Delta R.T.: 0.000 min
Response: 29441225
Conc: 19.75 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.106 min
Delta R.T.: 0.000 min
Response: 70370861
Conc: 21.74 ng/ml