

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120120\
 Data File : PD060467.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2020 09:14
 Operator : DD\AJ
 Sample : PEM13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM13

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 00:30:38 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112720CLP.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 28 01:50:00 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...	3.503	4.023	21272186	68640344	18.680	18.670
27)	SA Decachlor...	8.296	9.112	24817869	51889041	18.327	17.903
Target Compounds							
2)	A alpha-BHC	3.945	4.414	15652081	52595274	9.543	9.647
3)	MA gamma-BHC...	4.231	4.700	15081714	45351918	9.686	9.161
6)	B beta-BHC	4.481	4.868	6504395	21923670	9.264	10.070
7)	B delta-BHC	0.000	5.045f	0	7264112	N.D.	1.878
8)	B Heptachlo...	0.000	5.929	0	2609699	N.D.	0.698
12)	B 4,4'-DDE	0.000	6.368	0	740894	N.D.	0.186
14)	MA Endrin	6.081	6.739	58967663	149.6E6	47.373	43.108
15)	B Endosulfa...	6.296f	6.950	1742677	1467468	1.466	0.459 #
16)	A 4,4'-DDD	6.205	6.859	3809570	9215836	3.132	2.782
17)	MA 4,4'-DDT	6.449	7.159	114.2E6	291.2E6	93.510	88.690
18)	B Endrin al...	6.522	7.072	1398812	2670767	1.399	0.989 #
20)	A Methoxychlor	6.996	7.615	149.9E6	360.2E6	250.883	219.734
21)	B Endrin ke...	7.232	7.768	3814382	7179250	2.823	2.132
22)	Toxaphene-1	0.000	6.368	0	740894	N.D.	27.794
23)	Toxaphene-2	0.000	6.739	0	149.6E6	N.D.	4606.526
24)	Toxaphene-3	6.296	7.159	1742677	291.2E6	118.029	6047.766 #
25)	Toxaphene-4	6.449	7.159	114.2E6	291.2E6	3411.080	2218.161 #
26)	Toxaphene-5	7.066	7.699	890108	-158610	25.227	N.D. #

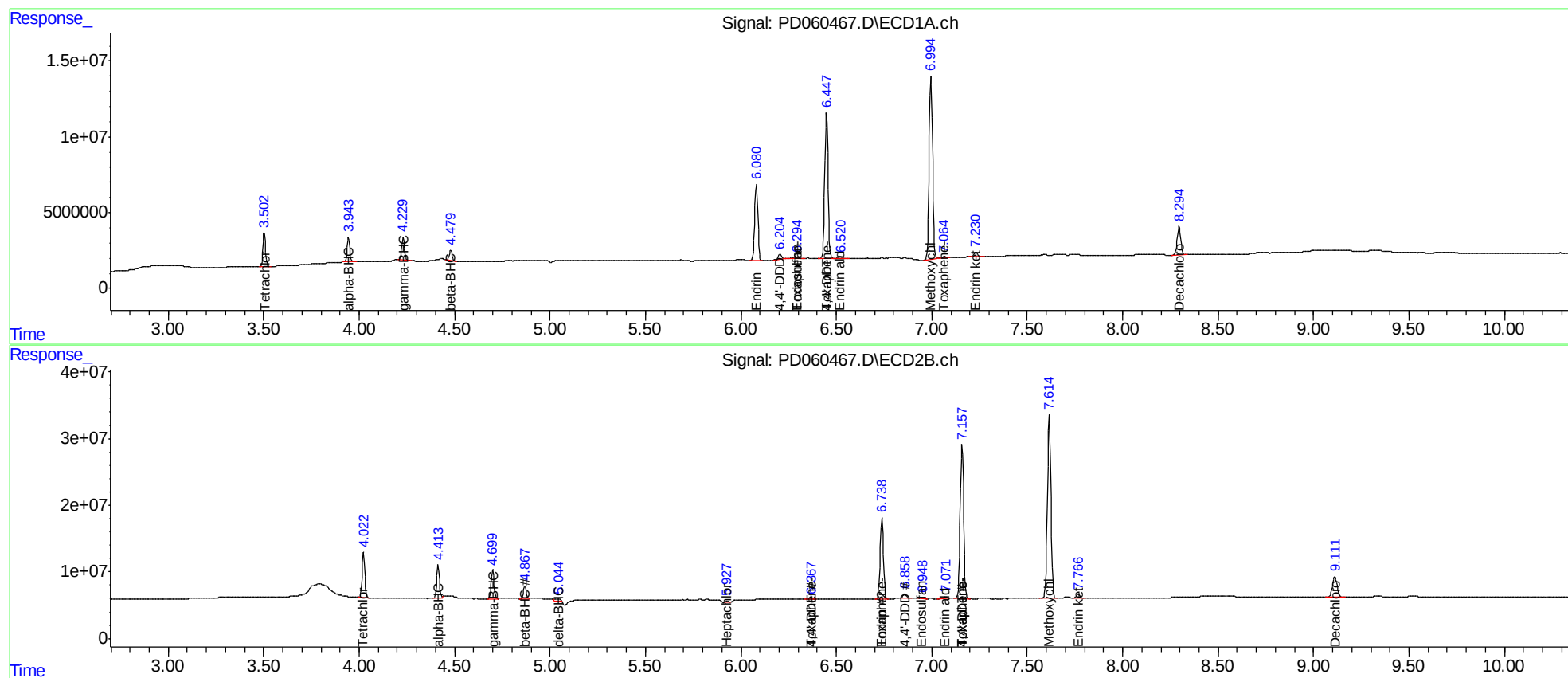
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

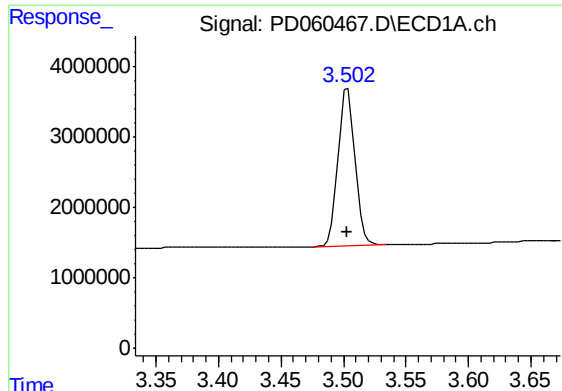
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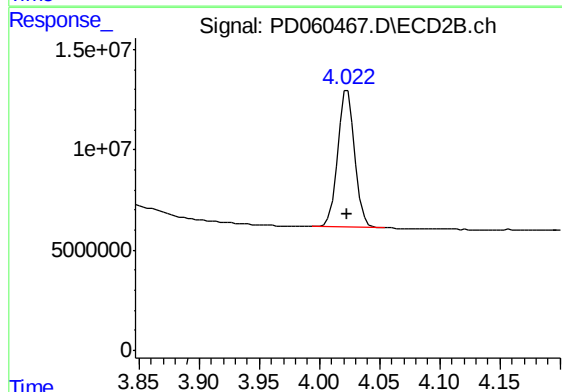




#1 Tetrachloro-m-xylene

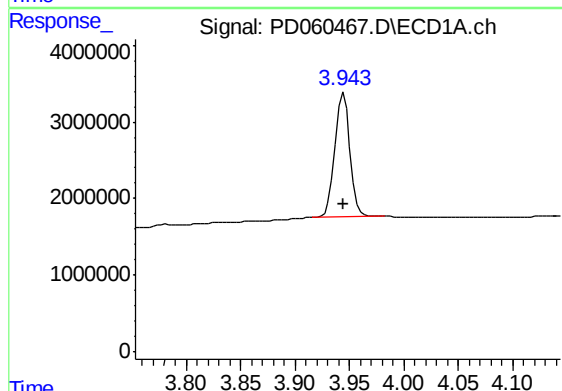
R.T.: 3.503 min
Delta R.T.: 0.000 min
Response: 21272186
Conc: 18.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM13



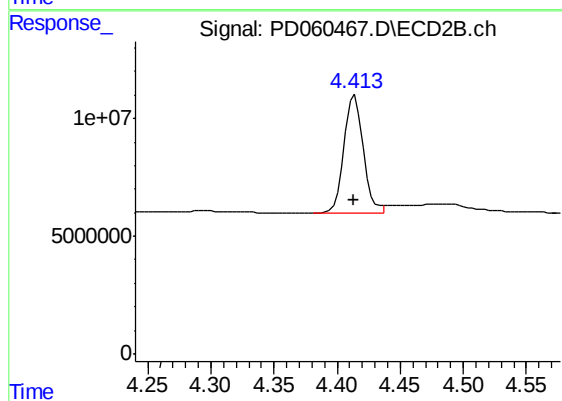
#1 Tetrachloro-m-xylene

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 68640344
Conc: 18.67 ng/ml



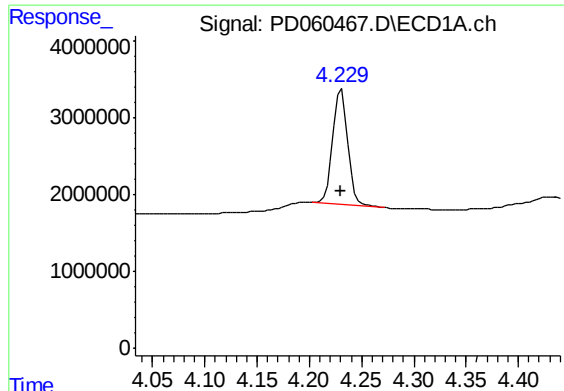
#2 alpha-BHC

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 15652081
Conc: 9.54 ng/ml



#2 alpha-BHC

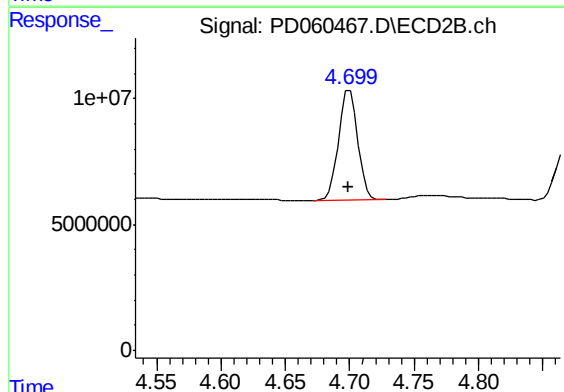
R.T.: 4.414 min
Delta R.T.: 0.000 min
Response: 52595274
Conc: 9.65 ng/ml



#3 gamma-BHC (Lindane)

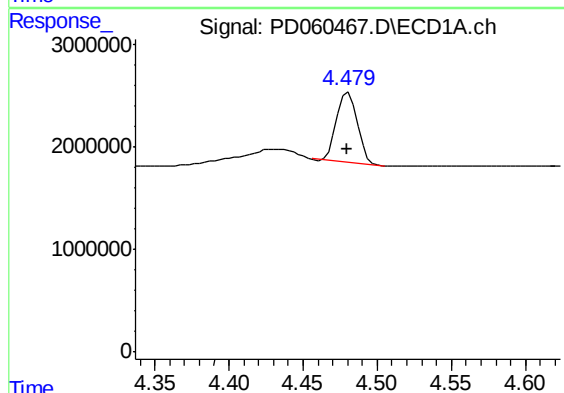
R.T.: 4.231 min
Delta R.T.: 0.000 min
Response: 15081714
Conc: 9.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM13



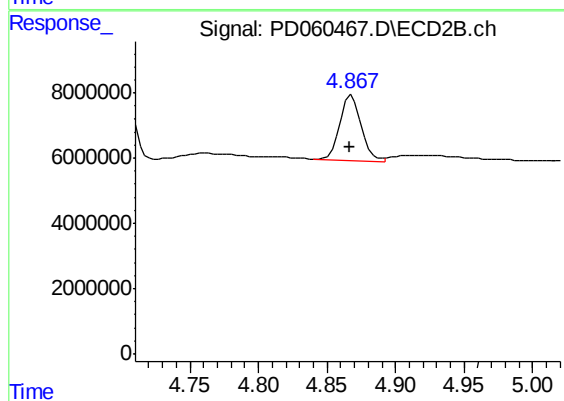
#3 gamma-BHC (Lindane)

R.T.: 4.700 min
Delta R.T.: 0.001 min
Response: 45351918
Conc: 9.16 ng/ml



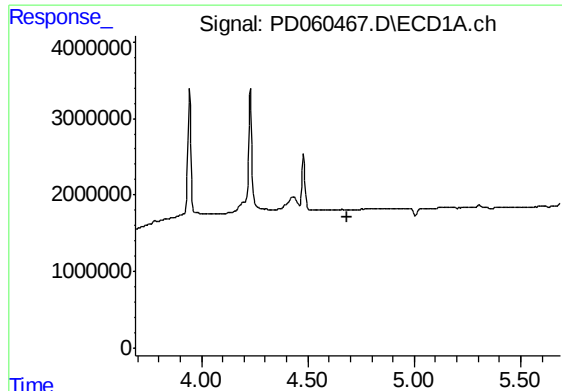
#6 beta-BHC

R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 6504395
Conc: 9.26 ng/ml



#6 beta-BHC

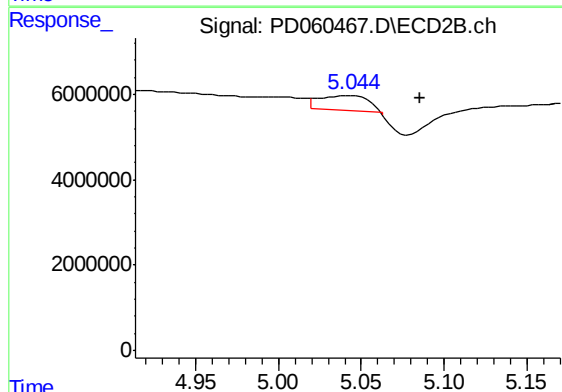
R.T.: 4.868 min
Delta R.T.: 0.001 min
Response: 21923670
Conc: 10.07 ng/ml



#7 delta-BHC

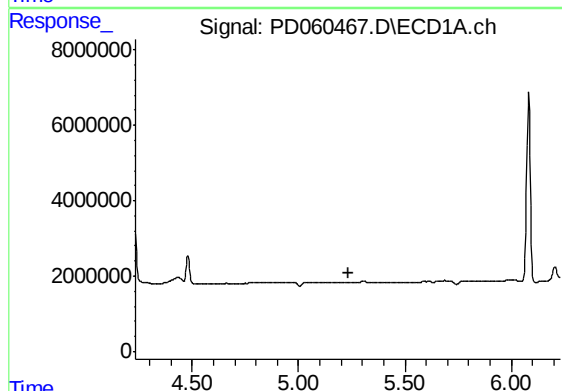
R.T.: 0.000 min
Exp R.T. : 4.688 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM13



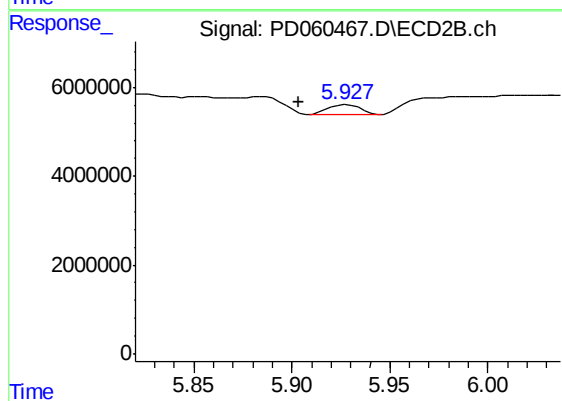
#7 delta-BHC

R.T.: 5.045 min
Delta R.T.: -0.040 min
Response: 7264112
Conc: 1.88 ng/ml



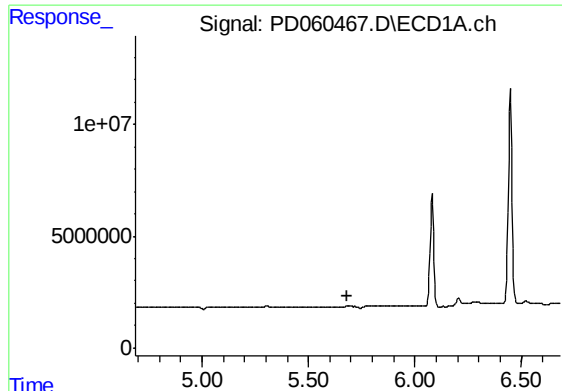
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.233 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

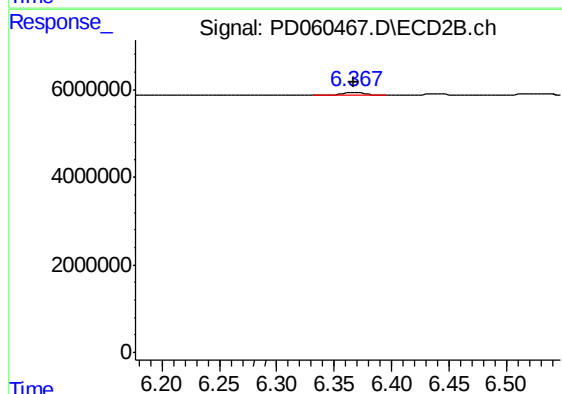
R.T.: 5.929 min
Delta R.T.: 0.025 min
Response: 2609699
Conc: 0.70 ng/ml



#12 4,4'-DDE

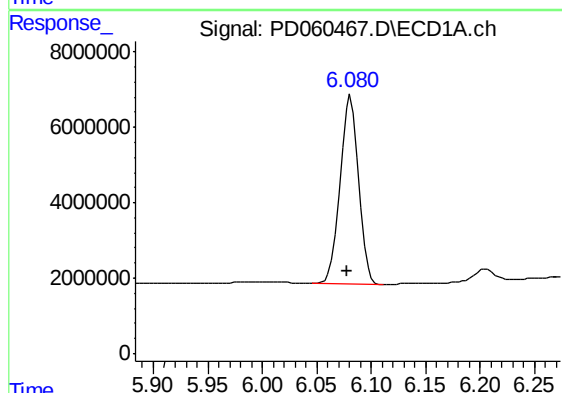
R.T.: 0.000 min
Exp R.T.: 5.685 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM13



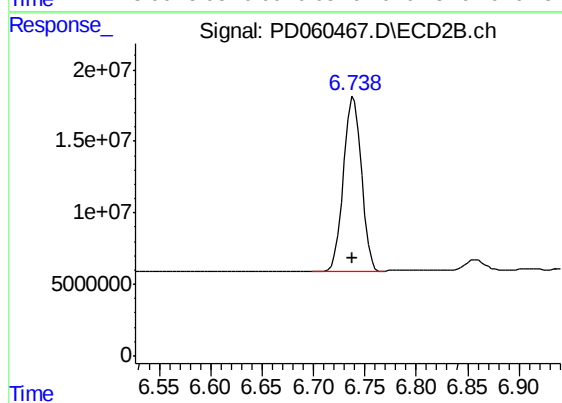
#12 4,4'-DDE

R.T.: 6.368 min
Delta R.T.: 0.002 min
Response: 740894
Conc: 0.19 ng/ml



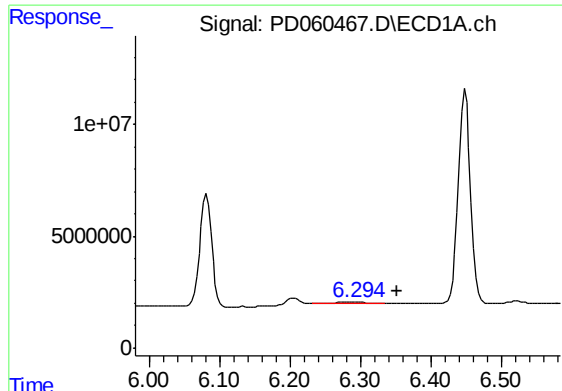
#14 Endrin

R.T.: 6.081 min
Delta R.T.: 0.003 min
Response: 58967663
Conc: 47.37 ng/ml



#14 Endrin

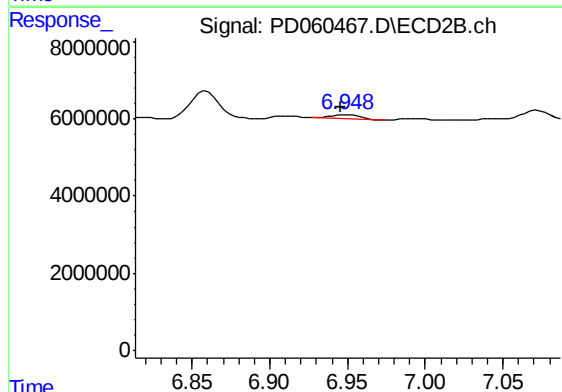
R.T.: 6.739 min
Delta R.T.: 0.002 min
Response: 149550510
Conc: 43.11 ng/ml



#15 Endosulfan II

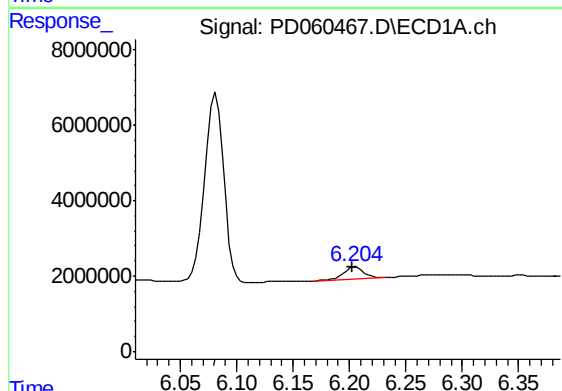
R.T.: 6.296 min
Delta R.T.: -0.057 min
Response: 1742677
Conc: 1.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM13



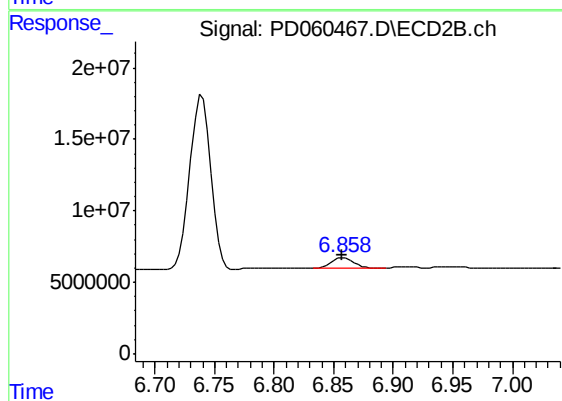
#15 Endosulfan II

R.T.: 6.950 min
Delta R.T.: 0.004 min
Response: 1467468
Conc: 0.46 ng/ml



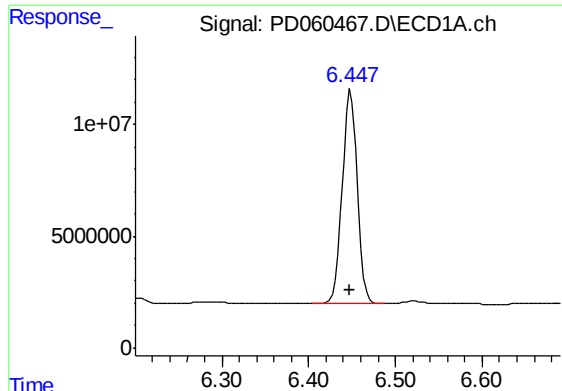
#16 4,4'-DDD

R.T.: 6.205 min
Delta R.T.: 0.002 min
Response: 3809570
Conc: 3.13 ng/ml



#16 4,4'-DDD

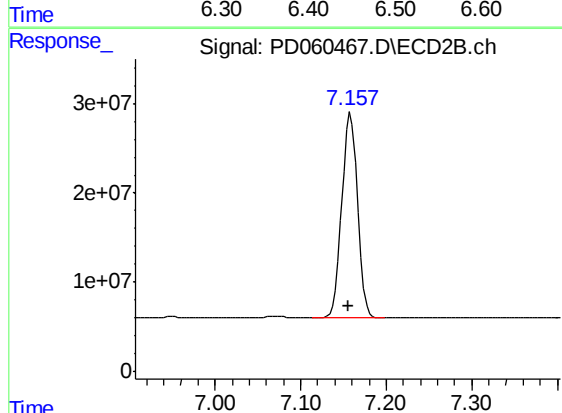
R.T.: 6.859 min
Delta R.T.: 0.002 min
Response: 9215836
Conc: 2.78 ng/ml



#17 4,4'-DDT

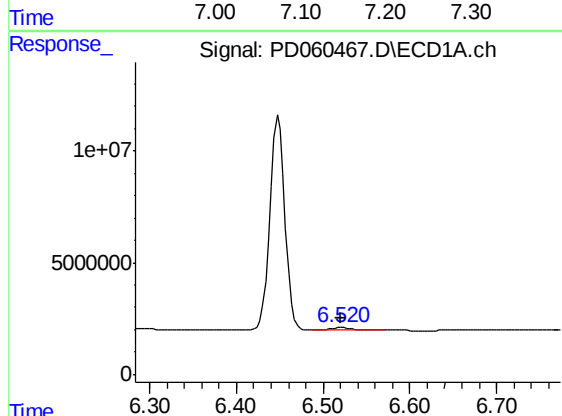
R.T.: 6.449 min
Delta R.T.: 0.002 min
Response: 114223490
Conc: 93.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM13



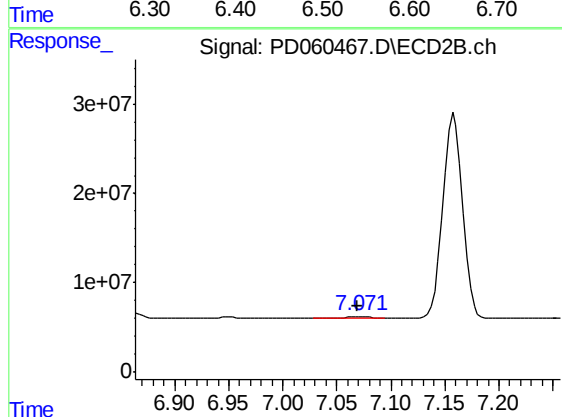
#17 4,4'-DDT

R.T.: 7.159 min
Delta R.T.: 0.003 min
Response: 291163868
Conc: 88.69 ng/ml



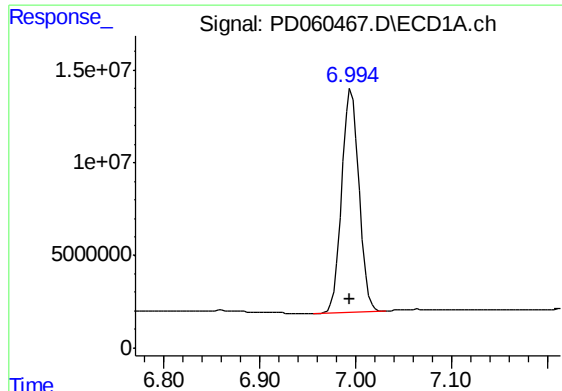
#18 Endrin aldehyde

R.T.: 6.522 min
Delta R.T.: 0.000 min
Response: 1398812
Conc: 1.40 ng/ml



#18 Endrin aldehyde

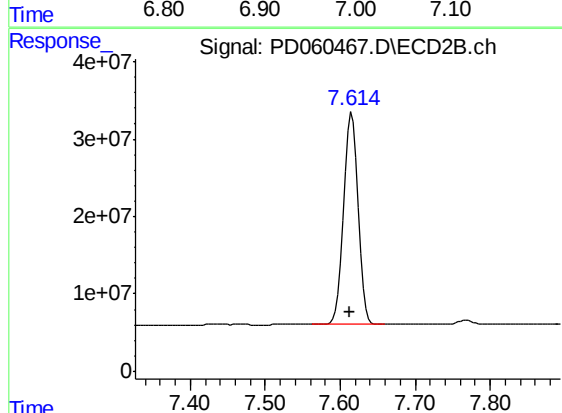
R.T.: 7.072 min
Delta R.T.: 0.003 min
Response: 2670767
Conc: 0.99 ng/ml



#20 Methoxychlor

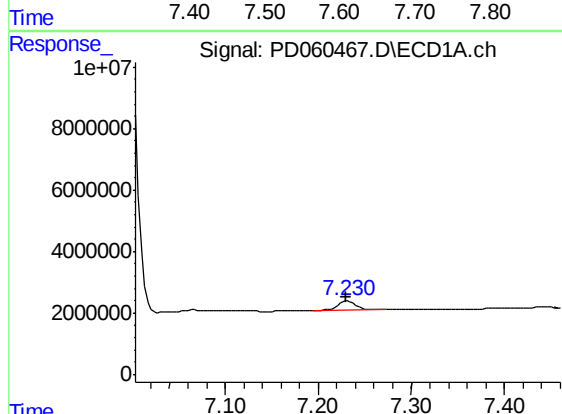
R.T.: 6.996 min
Delta R.T.: 0.002 min
Response: 149866009
Conc: 250.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM13



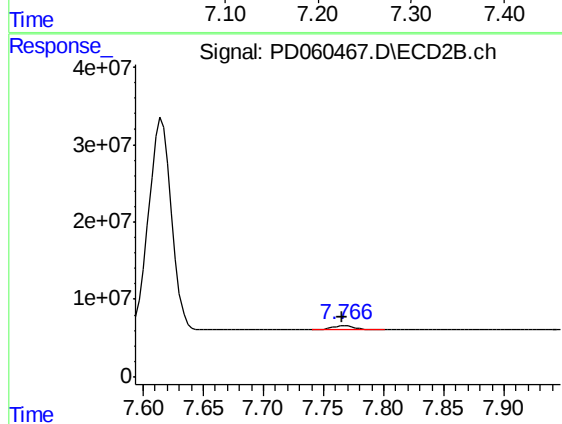
#20 Methoxychlor

R.T.: 7.615 min
Delta R.T.: 0.002 min
Response: 360205760
Conc: 219.73 ng/ml



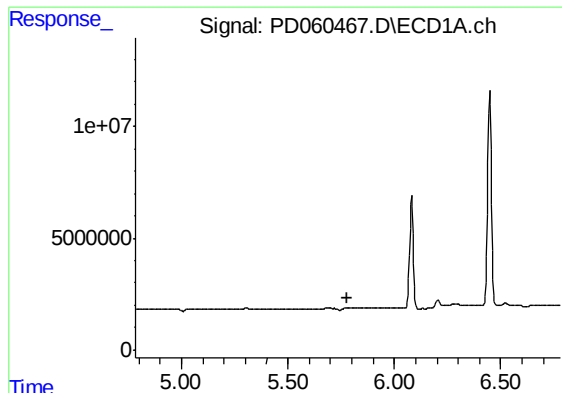
#21 Endrin ketone

R.T.: 7.232 min
Delta R.T.: 0.002 min
Response: 3814382
Conc: 2.82 ng/ml



#21 Endrin ketone

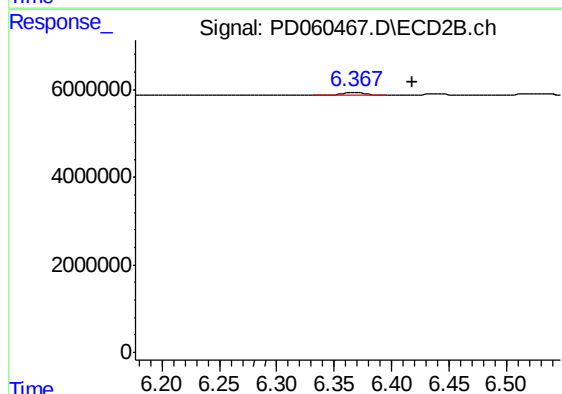
R.T.: 7.768 min
Delta R.T.: 0.002 min
Response: 7179250
Conc: 2.13 ng/ml



#22 Toxaphene-1

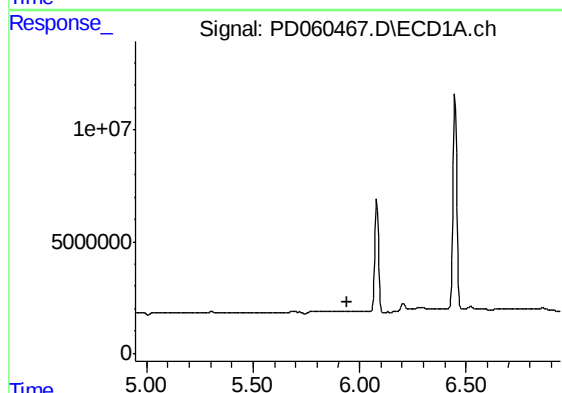
R.T.: 0.000 min
Exp R.T.: 5.780 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM13



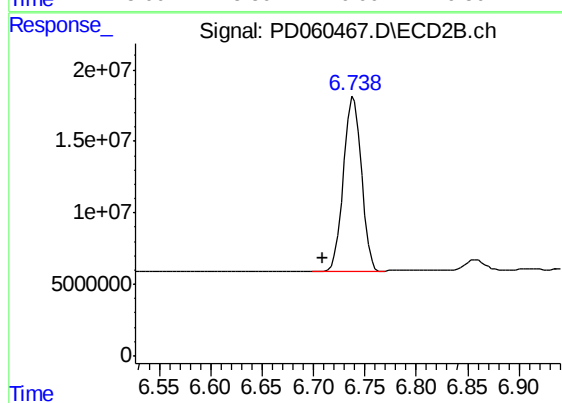
#22 Toxaphene-1

R.T.: 6.368 min
Delta R.T.: -0.050 min
Response: 740894
Conc: 27.79 ng/ml



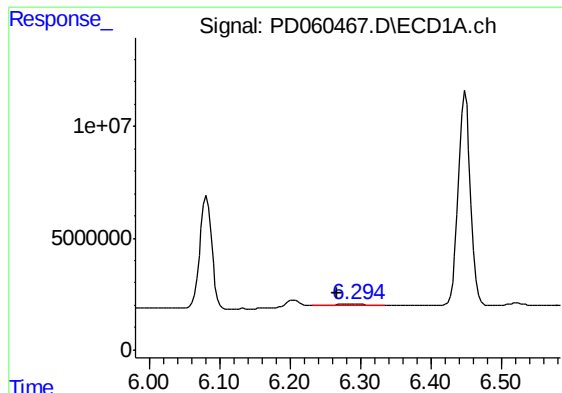
#23 Toxaphene-2

R.T.: 0.000 min
Exp R.T.: 5.944 min
Response: 0
Conc: N.D.



#23 Toxaphene-2

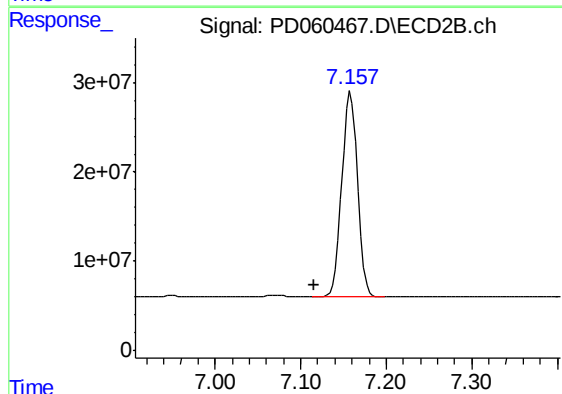
R.T.: 6.739 min
Delta R.T.: 0.030 min
Response: 149550510
Conc: 4606.53 ng/ml



#24 Toxaphene-3

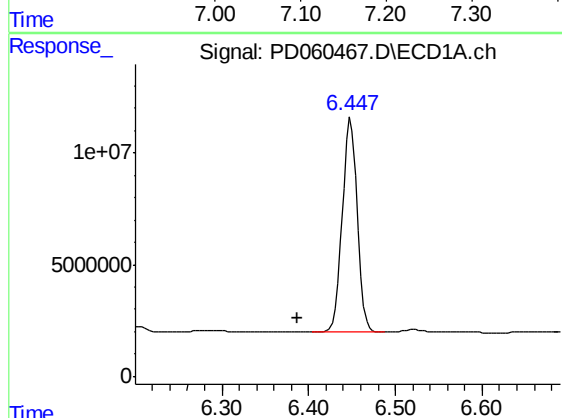
R.T.: 6.296 min
Delta R.T.: 0.029 min
Response: 1742677
Conc: 118.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM13



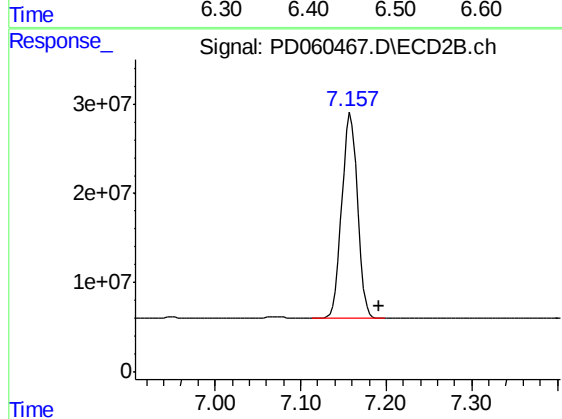
#24 Toxaphene-3

R.T.: 7.159 min
Delta R.T.: 0.043 min
Response: 291163868
Conc: 6047.77 ng/ml



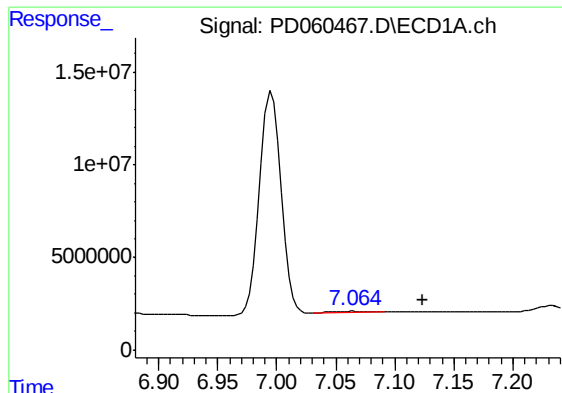
#25 Toxaphene-4

R.T.: 6.449 min
Delta R.T.: 0.062 min
Response: 114223490
Conc: 3411.08 ng/ml



#25 Toxaphene-4

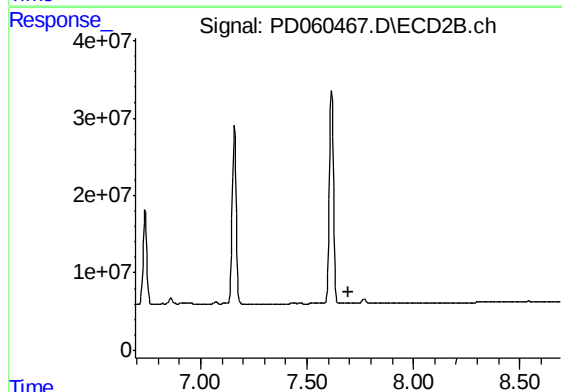
R.T.: 7.159 min
Delta R.T.: -0.034 min
Response: 291163868
Conc: 2218.16 ng/ml



#26 Toxaphene-5

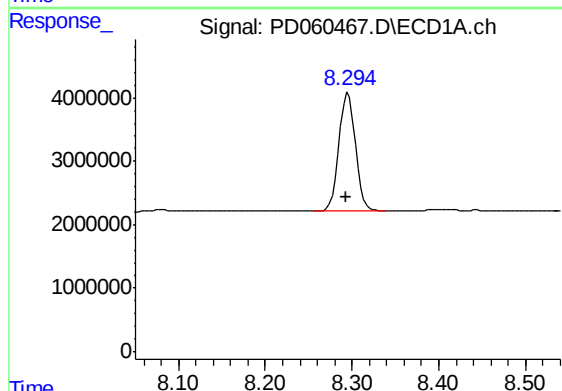
R.T.: 7.066 min
Delta R.T.: -0.057 min
Response: 890108
Conc: 25.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM13



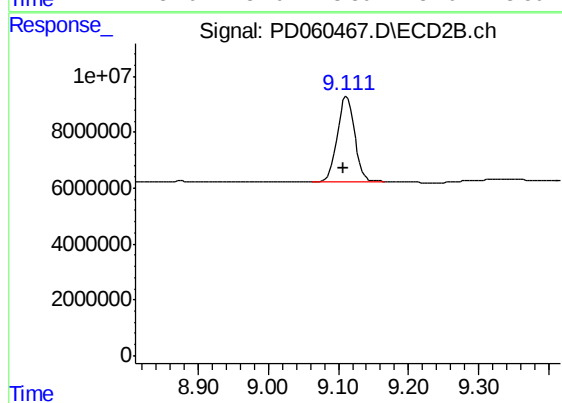
#26 Toxaphene-5

R.T.: 7.699 min
Delta R.T.: 0.006 min
Response: -158610
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 8.296 min
Delta R.T.: 0.003 min
Response: 24817869
Conc: 18.33 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: 0.004 min
Response: 51889041
Conc: 17.90 ng/ml