

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071921\
 Data File : PD064324.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2021 10:05
 Operator : AR\AJ
 Sample : PEM54
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM051

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 05:08:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070921CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 14 06:42:28 2021
 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...	4.053	3.511	22787541	198.1E6	17.031	19.828
27)	SA Decachlor...	9.219	8.257	25943077	105.6E6	24.190	20.224
Target Compounds							
2)	A alpha-BHC	4.454	3.951	16137968	143.4E6	8.668	10.726
3)	MA gamma-BHC...	4.746	4.234	15183403	128.8E6	8.528	10.590
5)	MB Aldrin	0.000	4.774	0	701284	N.D.	<MDL
6)	B beta-BHC	4.925	4.479	9434067	58244631	11.242	10.718
8)	B Heptachlo...	0.000	5.155f	0	1563286	N.D.	0.171
9)	A Endosulfan I	0.000	5.551	0	2779196	N.D.	0.329
10)	B trans-Chl...	0.000	5.487f	0	2824802	N.D.	0.304
11)	B cis-Chlor...	0.000	5.487	0	2824802	N.D.	0.312
12)	B 4,4'-DDE	0.000	5.668	0	9382500	N.D.	1.120
13)	MA Dieldrin	0.000	5.802	0	3188373	N.D.	0.373
14)	MA Endrin	6.808	6.062	58229304	337.3E6	49.319	46.271
15)	B Endosulfa...	7.038	0.000	276649	0	0.229	N.D. #
16)	A 4,4'-DDD	6.894	6.183	1989461	5468410	1.747	0.813 #
17)	MA 4,4'-DDT	7.234	6.423	120.0E6	614.7E6	103.919	87.795
18)	B Endrin al...	0.000	6.497	0	2482925	N.D.	0.448
19)	B Endosulfa...	0.000	6.755f	0	4055508	N.D.	0.659
20)	A Methoxychlor	7.699	6.970	157.2E6	670.2E6	244.945	217.185
21)	B Endrin ke...	7.852	7.206	1608130	8979336	1.210	1.325
22)	Toxaphene-1	0.000	5.762	0	4053030	N.D.	76.466
23)	Toxaphene-2	0.000	5.915	0	1084034	N.D.	11.664
24)	Toxaphene-3	7.234	6.497	120.0E6	2482925	10732.826	27.293 #
26)	Toxaphene-5	7.779	7.110	930779	3141572	55.498	25.243 #

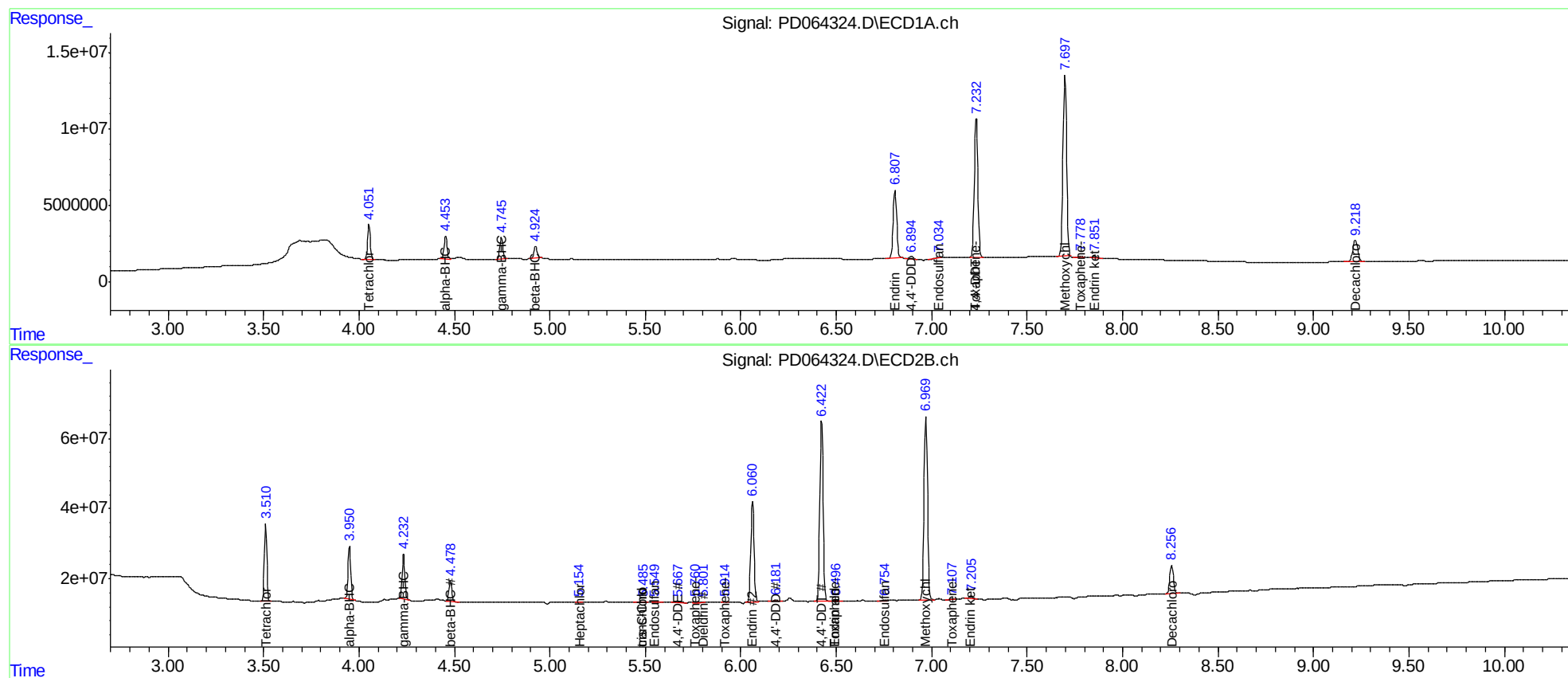
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

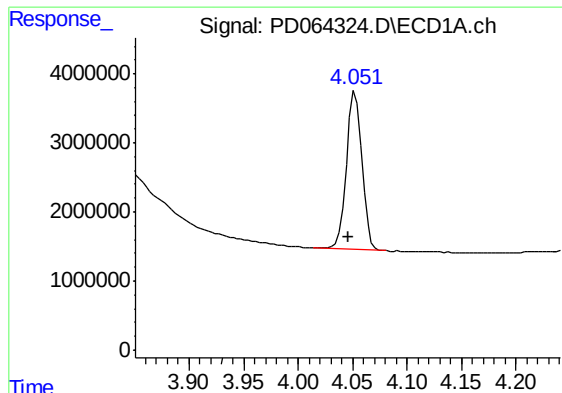
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071921\
Data File : PD064324.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2021 10:05
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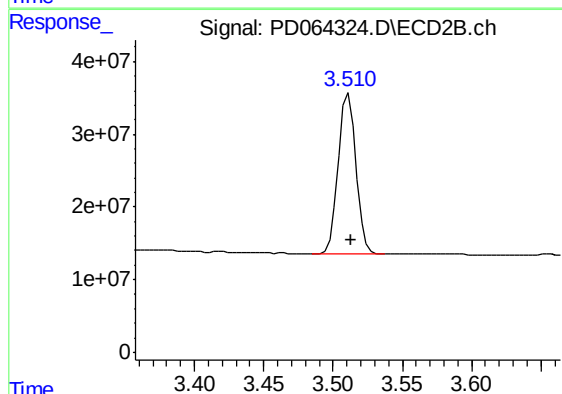




#1 Tetrachloro-m-xylene

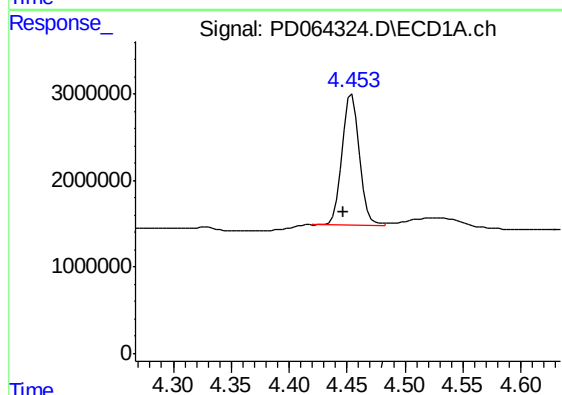
R.T.: 4.053 min
Delta R.T.: 0.007 min
Response: 22787541
Conc: 17.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM051



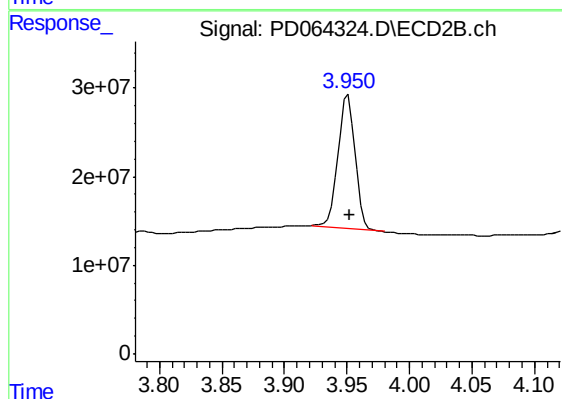
#1 Tetrachloro-m-xylene

R.T.: 3.511 min
Delta R.T.: -0.002 min
Response: 198110840
Conc: 19.83 ng/ml



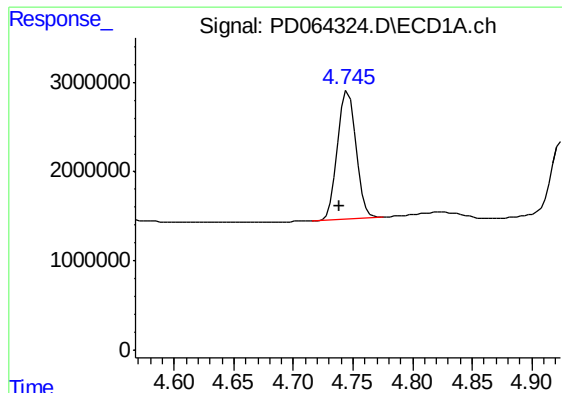
#2 alpha-BHC

R.T.: 4.454 min
Delta R.T.: 0.007 min
Response: 16137968
Conc: 8.67 ng/ml



#2 alpha-BHC

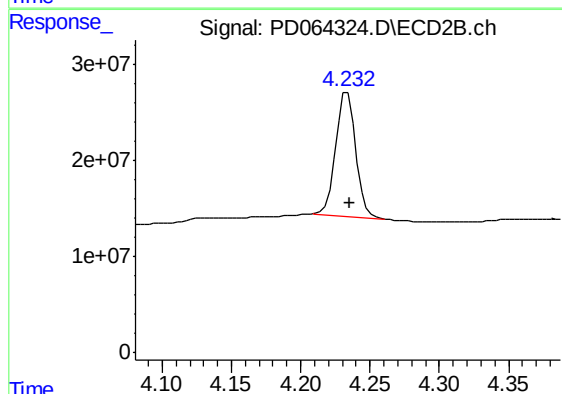
R.T.: 3.951 min
Delta R.T.: -0.002 min
Response: 143442414
Conc: 10.73 ng/ml



#3 gamma-BHC (Lindane)

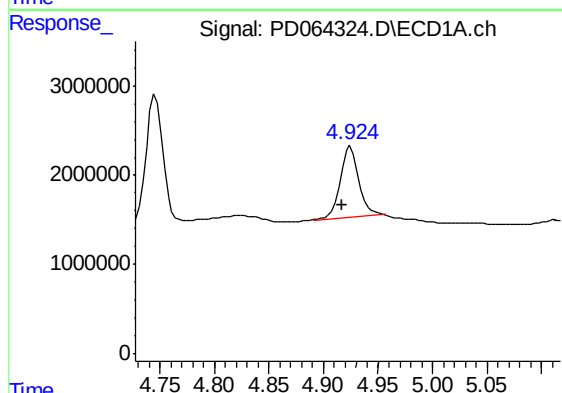
R.T.: 4.746 min
Delta R.T.: 0.007 min
Response: 15183403
Conc: 8.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM051



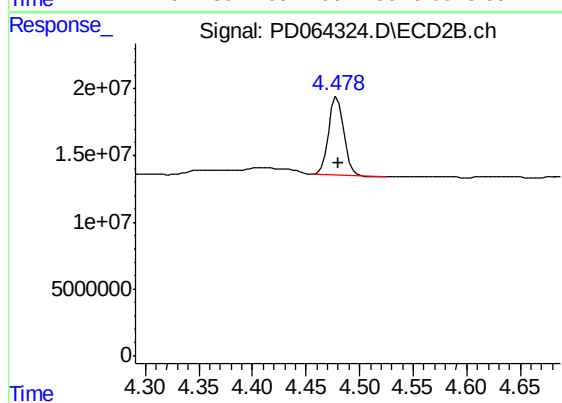
#3 gamma-BHC (Lindane)

R.T.: 4.234 min
Delta R.T.: -0.002 min
Response: 128847768
Conc: 10.59 ng/ml



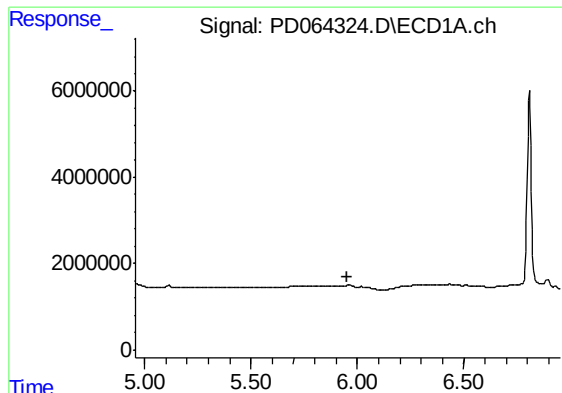
#6 beta-BHC

R.T.: 4.925 min
Delta R.T.: 0.008 min
Response: 9434067
Conc: 11.24 ng/ml



#6 beta-BHC

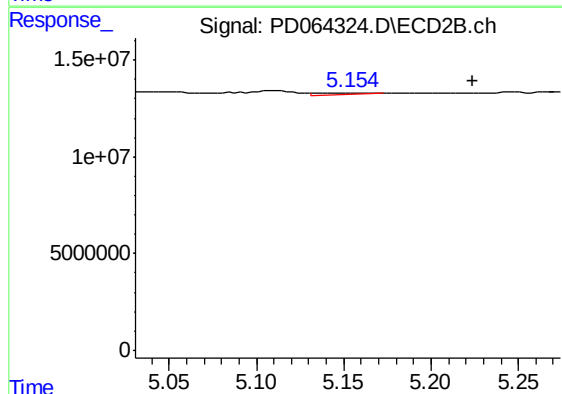
R.T.: 4.479 min
Delta R.T.: -0.001 min
Response: 58244631
Conc: 10.72 ng/ml



#8 Heptachlor epoxide

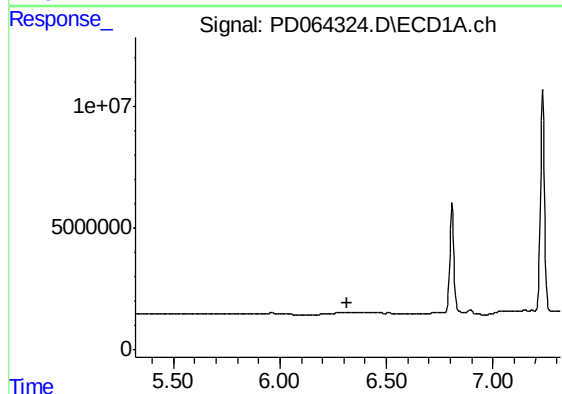
R.T.: 0.000 min
Exp R.T. : 5.955 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM051



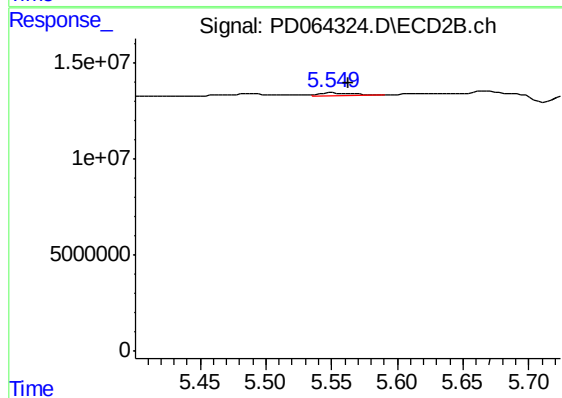
#8 Heptachlor epoxide

R.T.: 5.155 min
Delta R.T.: -0.069 min
Response: 1563286
Conc: 0.17 ng/ml



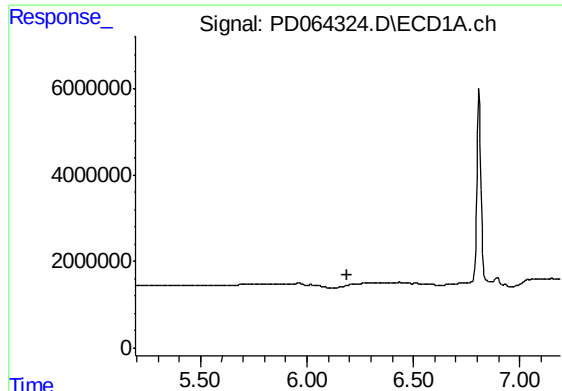
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.318 min
Response: 0
Conc: N.D.



#9 Endosulfan I

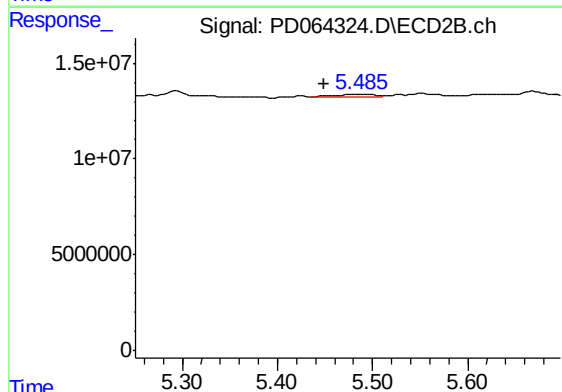
R.T.: 5.551 min
Delta R.T.: -0.012 min
Response: 2779196
Conc: 0.33 ng/ml



#10 trans-Chlordane

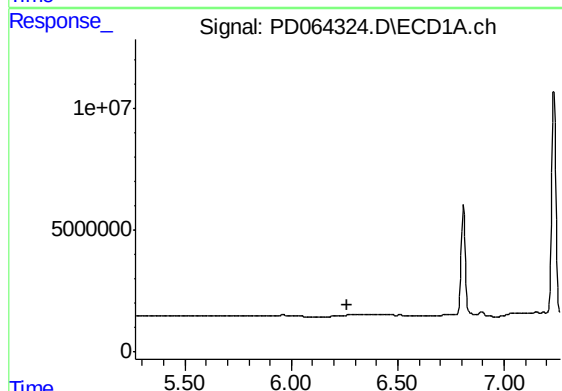
R.T.: 0.000 min
Exp R.T. : 6.192 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM051



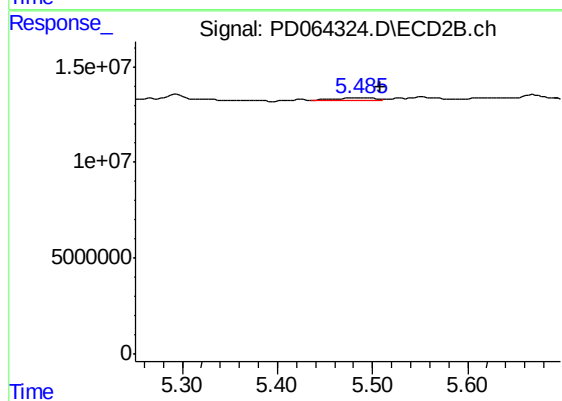
#10 trans-Chlordane

R.T.: 5.487 min
Delta R.T.: 0.038 min
Response: 2824802
Conc: 0.30 ng/ml



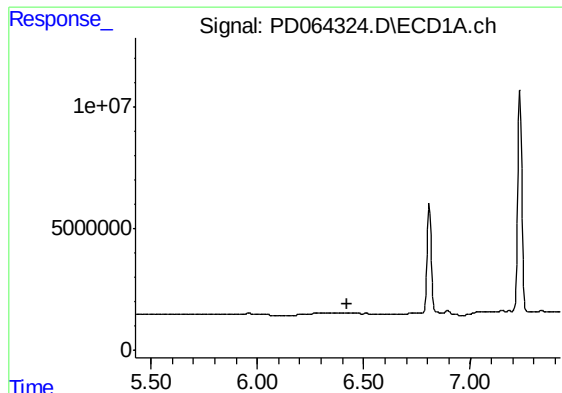
#11 cis-Chlordane

R.T.: 0.000 min
Exp R.T. : 6.265 min
Response: 0
Conc: N.D.



#11 cis-Chlordane

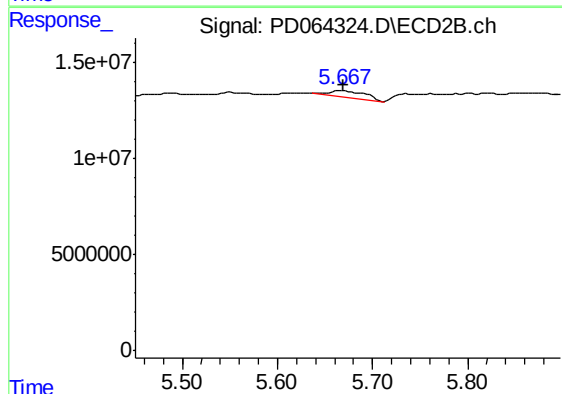
R.T.: 5.487 min
Delta R.T.: -0.021 min
Response: 2824802
Conc: 0.31 ng/ml



#12 4,4'-DDE

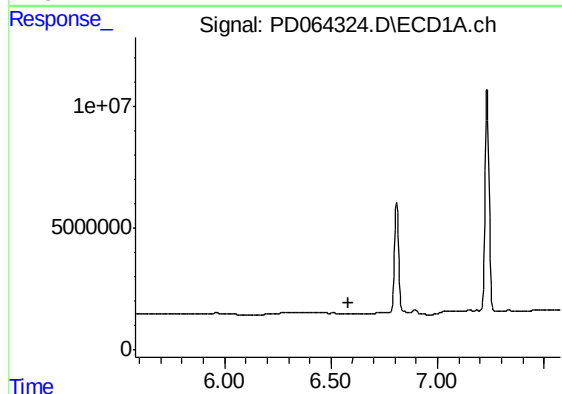
R.T.: 0.000 min
Exp R.T.: 6.426 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM051



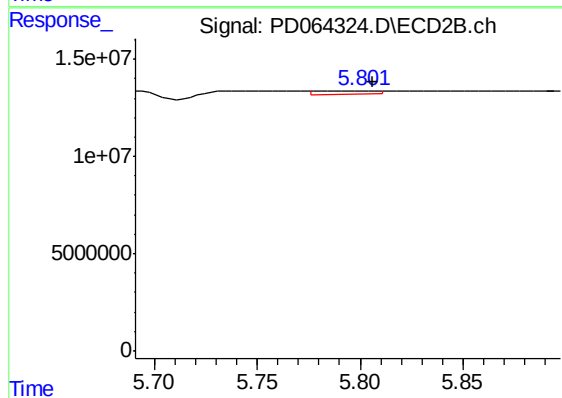
#12 4,4'-DDE

R.T.: 5.668 min
Delta R.T.: -0.002 min
Response: 9382500
Conc: 1.12 ng/ml



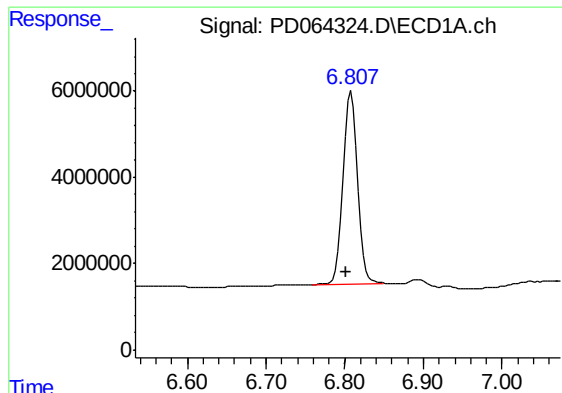
#13 Dieldrin

R.T.: 0.000 min
Exp R.T.: 6.580 min
Response: 0
Conc: N.D.



#13 Dieldrin

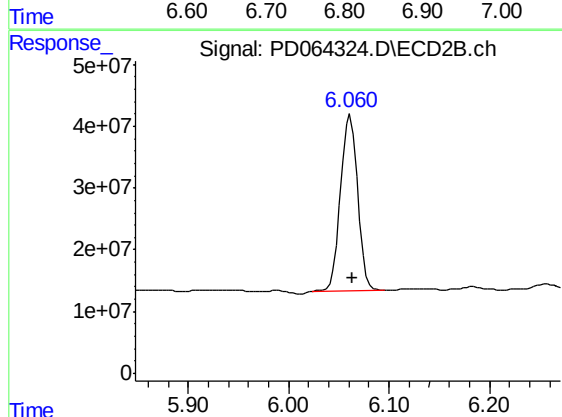
R.T.: 5.802 min
Delta R.T.: -0.004 min
Response: 3188373
Conc: 0.37 ng/ml



#14 Endrin

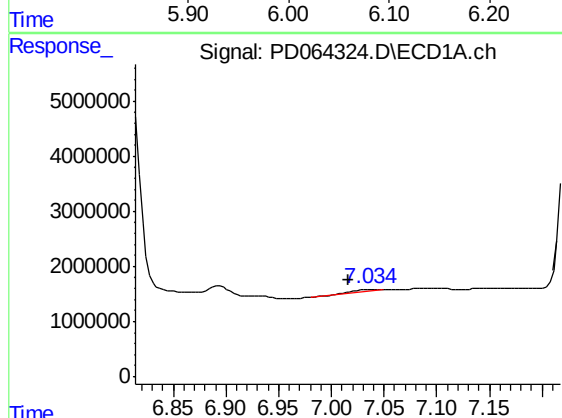
R.T.: 6.808 min
Delta R.T.: 0.007 min
Response: 58229304
Conc: 49.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM051



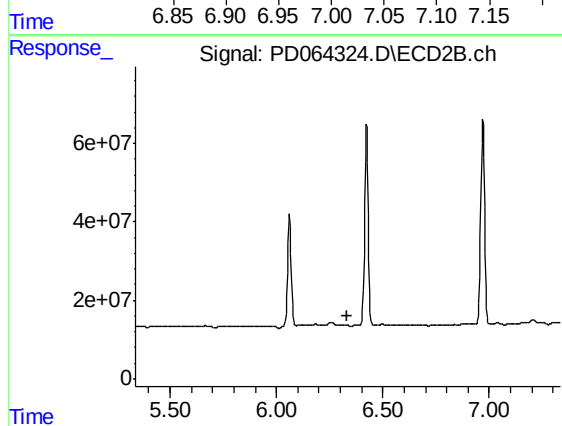
#14 Endrin

R.T.: 6.062 min
Delta R.T.: -0.002 min
Response: 337270551
Conc: 46.27 ng/ml



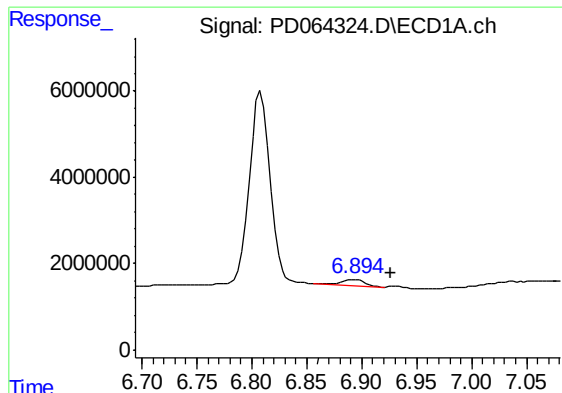
#15 Endosulfan II

R.T.: 7.038 min
Delta R.T.: 0.021 min
Response: 276649
Conc: 0.23 ng/ml



#15 Endosulfan II

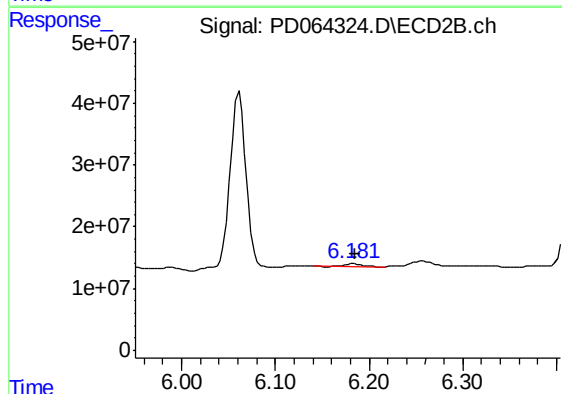
R.T.: 0.000 min
Exp R.T. : 6.335 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

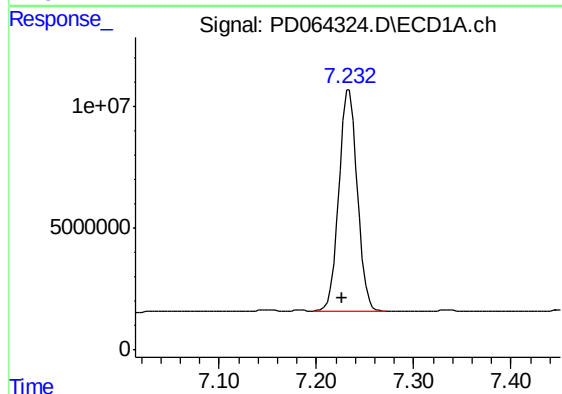
R.T.: 6.894 min
Delta R.T.: -0.032 min
Response: 1989461
Conc: 1.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM051



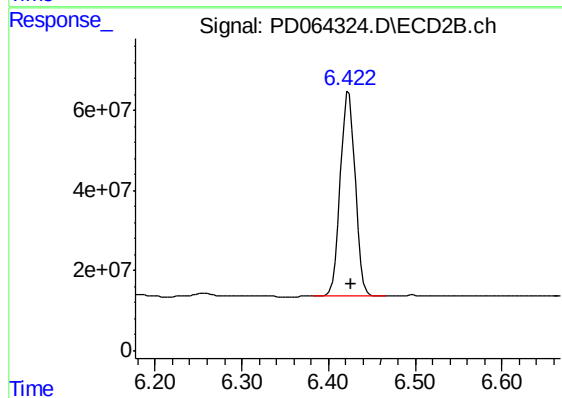
#16 4,4'-DDD

R.T.: 6.183 min
Delta R.T.: -0.003 min
Response: 5468410
Conc: 0.81 ng/ml



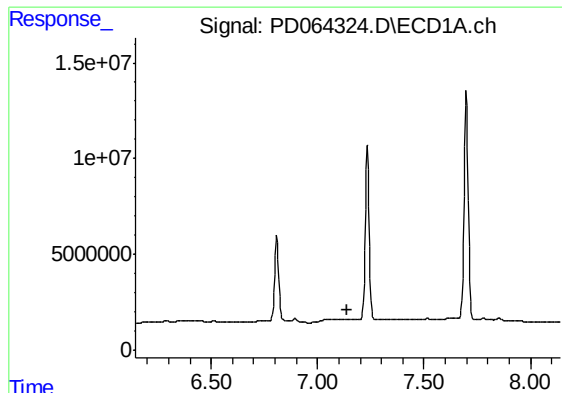
#17 4,4'-DDT

R.T.: 7.234 min
Delta R.T.: 0.007 min
Response: 119963507
Conc: 103.92 ng/ml



#17 4,4'-DDT

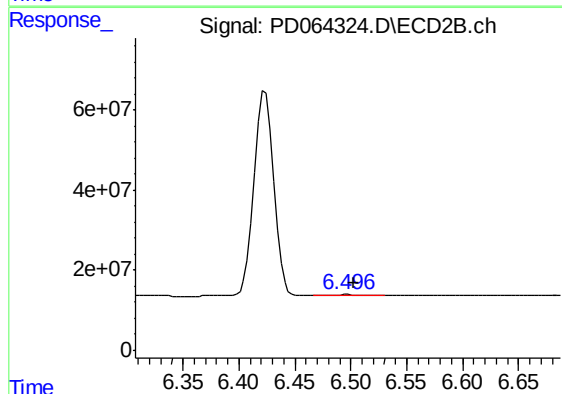
R.T.: 6.423 min
Delta R.T.: -0.002 min
Response: 614669793
Conc: 87.79 ng/ml



#18 Endrin aldehyde

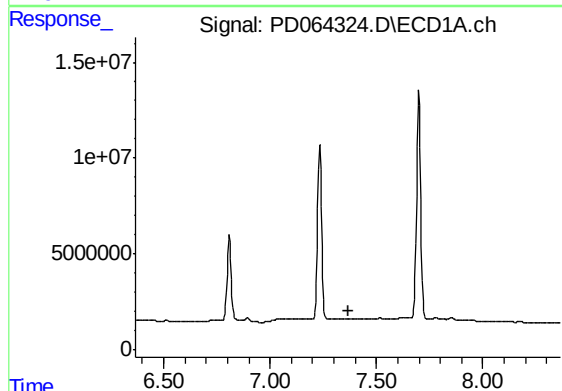
R.T.: 0.000 min
Exp R.T.: 7.142 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM051



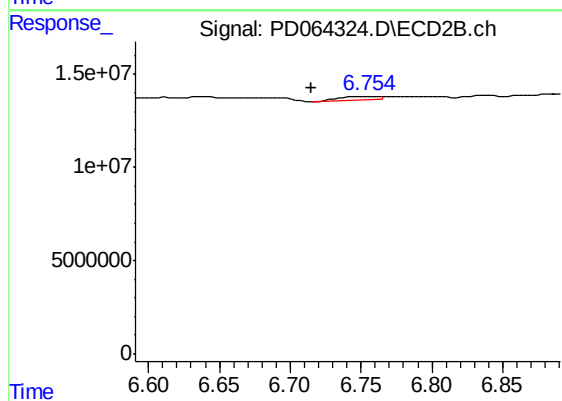
#18 Endrin aldehyde

R.T.: 6.497 min
Delta R.T.: -0.006 min
Response: 2482925
Conc: 0.45 ng/ml



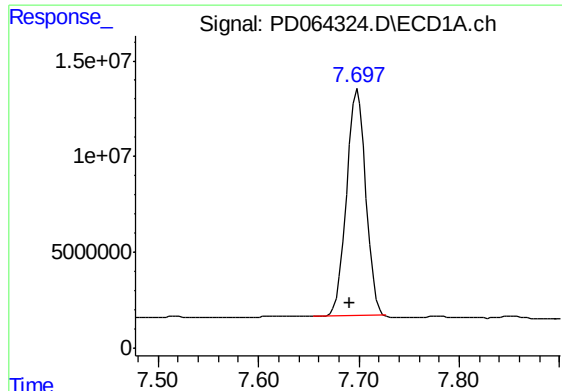
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T.: 7.367 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

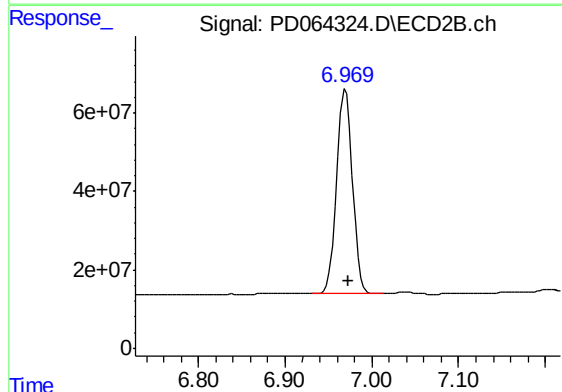
R.T.: 6.755 min
Delta R.T.: 0.040 min
Response: 4055508
Conc: 0.66 ng/ml



#20 Methoxychlor

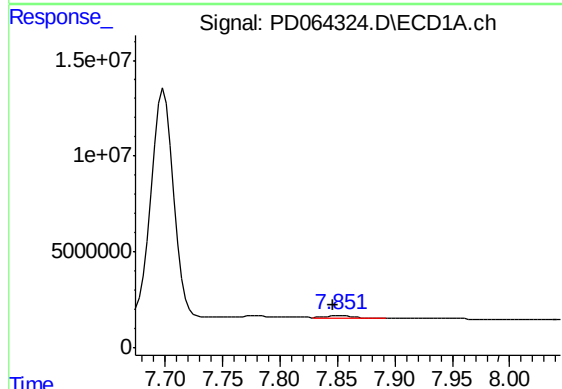
R.T.: 7.699 min
Delta R.T.: 0.008 min
Response: 157166993
Conc: 244.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM051



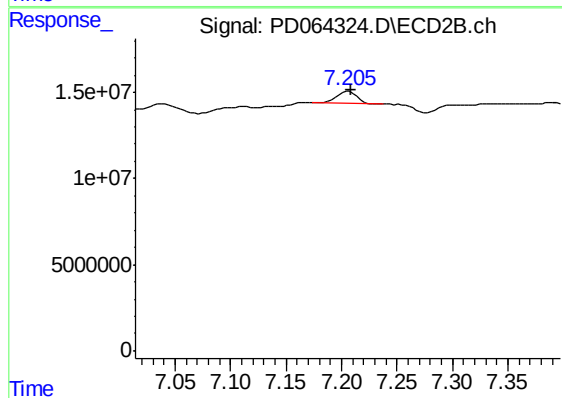
#20 Methoxychlor

R.T.: 6.970 min
Delta R.T.: -0.003 min
Response: 670187637
Conc: 217.18 ng/ml



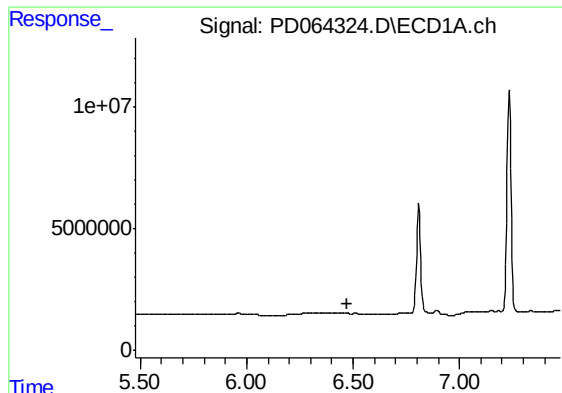
#21 Endrin ketone

R.T.: 7.852 min
Delta R.T.: 0.006 min
Response: 1608130
Conc: 1.21 ng/ml



#21 Endrin ketone

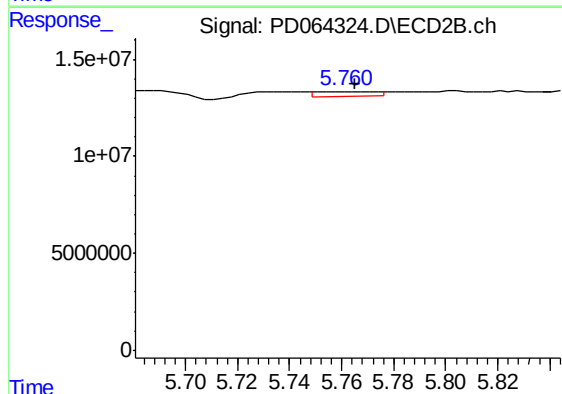
R.T.: 7.206 min
Delta R.T.: -0.002 min
Response: 8979336
Conc: 1.33 ng/ml



#22 Toxaphene-1

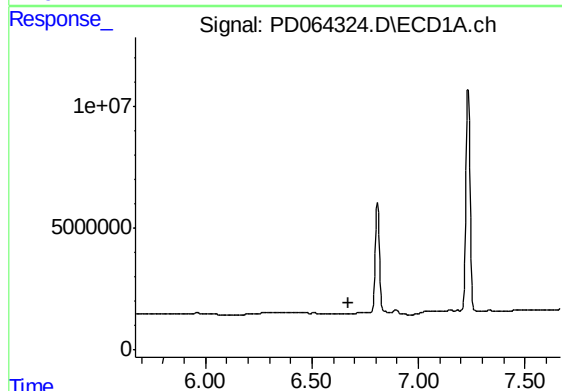
R.T.: 0.000 min
Exp R.T. : 6.475 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM051



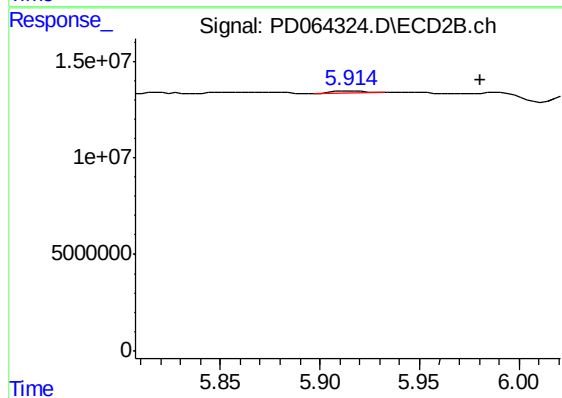
#22 Toxaphene-1

R.T.: 5.762 min
Delta R.T.: -0.003 min
Response: 4053030
Conc: 76.47 ng/ml



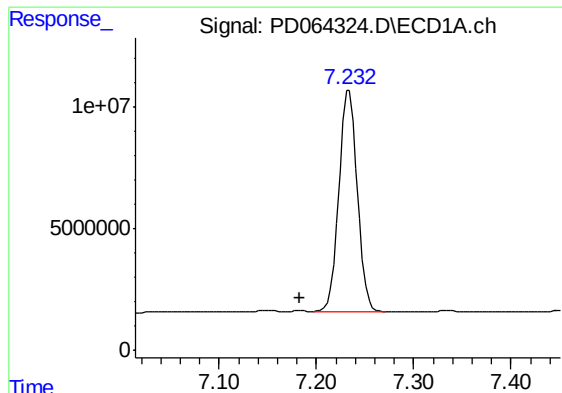
#23 Toxaphene-2

R.T.: 0.000 min
Exp R.T. : 6.670 min
Response: 0
Conc: N.D.



#23 Toxaphene-2

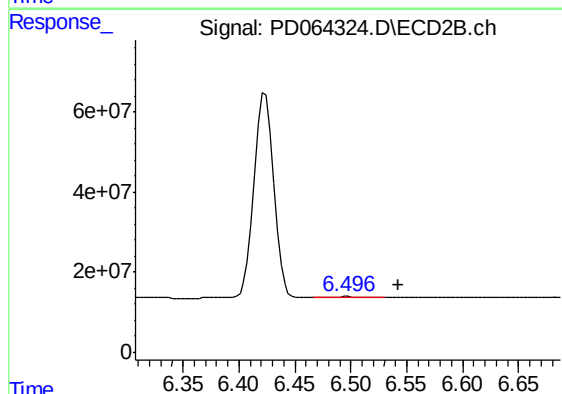
R.T.: 5.915 min
Delta R.T.: -0.065 min
Response: 1084034
Conc: 11.66 ng/ml



#24 Toxaphene-3

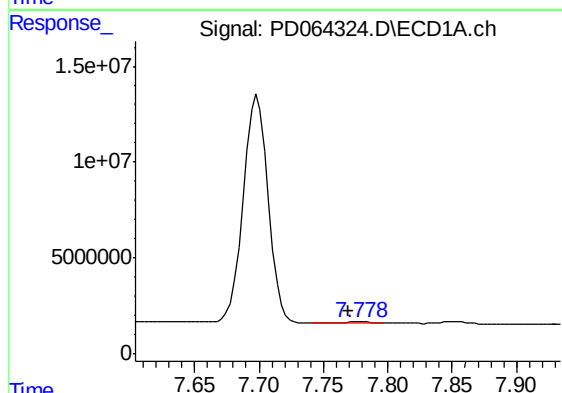
R.T.: 7.234 min
Delta R.T.: 0.050 min
Response: 119963507
Conc: 10732.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM051



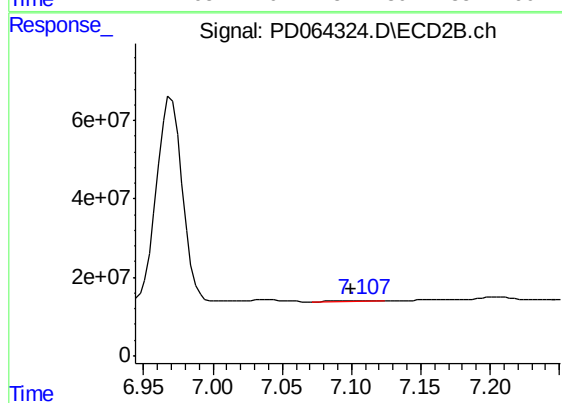
#24 Toxaphene-3

R.T.: 6.497 min
Delta R.T.: -0.045 min
Response: 2482925
Conc: 27.29 ng/ml



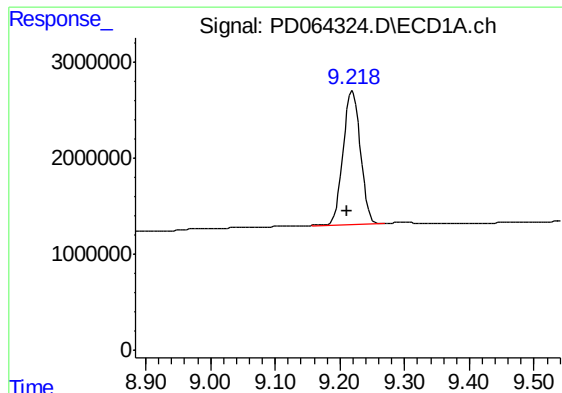
#26 Toxaphene-5

R.T.: 7.779 min
Delta R.T.: 0.010 min
Response: 930779
Conc: 55.50 ng/ml



#26 Toxaphene-5

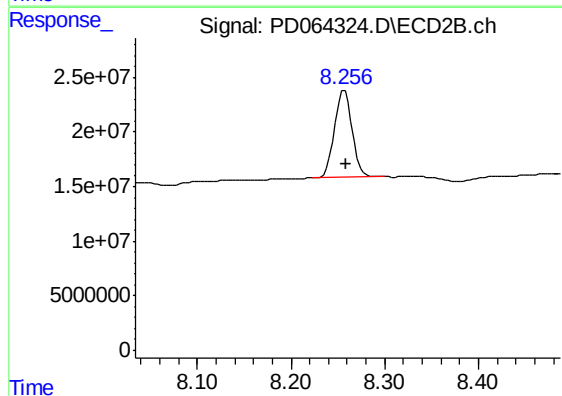
R.T.: 7.110 min
Delta R.T.: 0.010 min
Response: 3141572
Conc: 25.24 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.219 min
Delta R.T.: 0.007 min
Response: 25943077
Conc: 24.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM051



#27 Decachlorobiphenyl

R.T.: 8.257 min
Delta R.T.: -0.002 min
Response: 105643439
Conc: 20.22 ng/ml