

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102921\
 Data File : PD066600.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2021 13:53
 Operator : AJ\MA
 Sample : M4386-21
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 02:03:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 28 02:17:57 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...	3.445	3.969	35777898	214.1E6	19.175	26.460 #
28)	SA Decachlor...	8.175	9.027	23333974	110.6E6	20.195	20.537
Target Compounds							
2)	A alpha-BHC	3.883	4.362	3047.0E6	9501.6E6	996.625	861.224
3)	MA gamma-BHC...	4.165	4.647	2398.2E6	7406.7E6	794.121	743.253
4)	MA Heptachlor	4.460	5.147	1823.9E6	4900.5E6	614.795	499.953
5)	MB Aldrin	4.705	5.451	2801.2E6	7610.2E6	972.012	838.342
6)	B beta-BHC	4.414	4.824	1140.4E6	3532.7E6	912.923	758.679
7)	B delta-BHC	4.617	5.039	2088.2E6	6443.0E6	776.801	704.898
8)	B Heptachlo...	5.146	5.840	2307.1E6	5814.9E6	891.941	802.300
9)	A Endosulfan I	5.483	6.197	1472.8E6	4043.7E6	620.176	512.836
10)	B gamma-Chl...	5.370	6.074	2683.3E6	7132.4E6	1029.906	854.878
11)	B alpha-Chl...	5.430	6.145	2262.6E6	6112.1E6	881.635	736.868
12)	B 4,4'-DDE	5.593	6.305	2383.0E6	6715.2E6	1022.807	852.105
13)	MA Dieldrin	5.725	6.456	2619.9E6	7031.6E6	1046.989	847.419
14)	MA Endrin	5.982	6.674	702.4E6	2006.5E6	335.643	291.528
15)	B Endosulfa...	6.255	6.888	798.7E6	2464.2E6	401.657	349.012
16)	A 4,4'-DDD	6.108	6.800	1170.9E6	3505.7E6	624.538	515.908
17)	MA 4,4'-DDT	6.347	7.097	650.3E6	2024.1E6	338.086	279.071
18)	B Endrin al...	6.424	7.013	439.0E6	1419.2E6	283.996	249.501
19)	B Endosulfa...	6.635	7.236	185.5E6	714.8E6	99.652	98.539
20)	A Methoxychlor	6.895	7.560	119.1E6	472.4E6	115.370	115.966
21)	B Endrin ke...	7.128	7.709	1135.3E6	3854.8E6	520.303	458.368
23)	Chlordane-1	4.306	0.000	1121789	0	15.160	N.D. #
24)	Chlordane-2	0.000	5.451f	0	7610.2E6	N.D.	25656.419 #
25)	Chlordane-3	5.370	6.074	2683.3E6	7132.4E6	10959.186	6615.293 #
26)	Chlordane-4	5.430	6.145	2262.6E6	6112.1E6	11107.335	4849.990 #
27)	Chlordane-5	6.255	0.000	798.7E6	0	9444.402	N.D. #

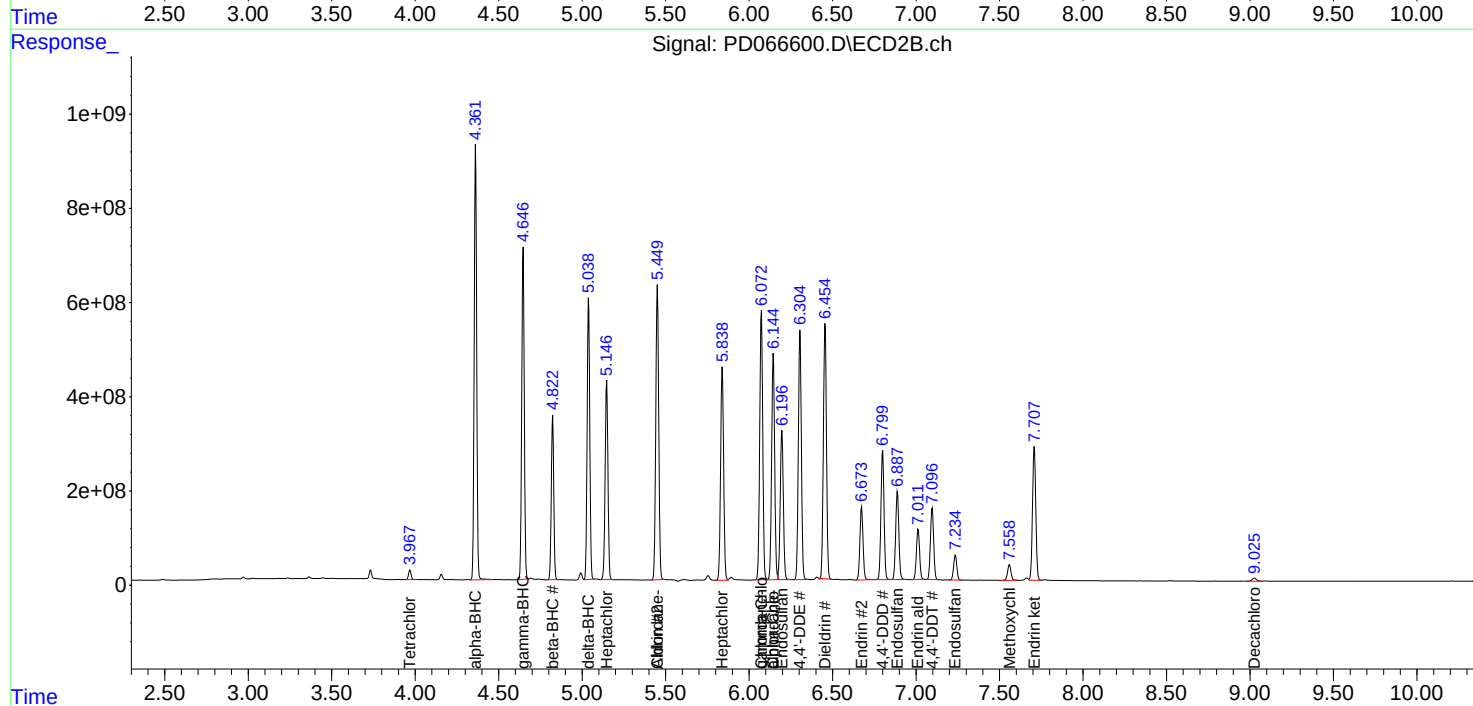
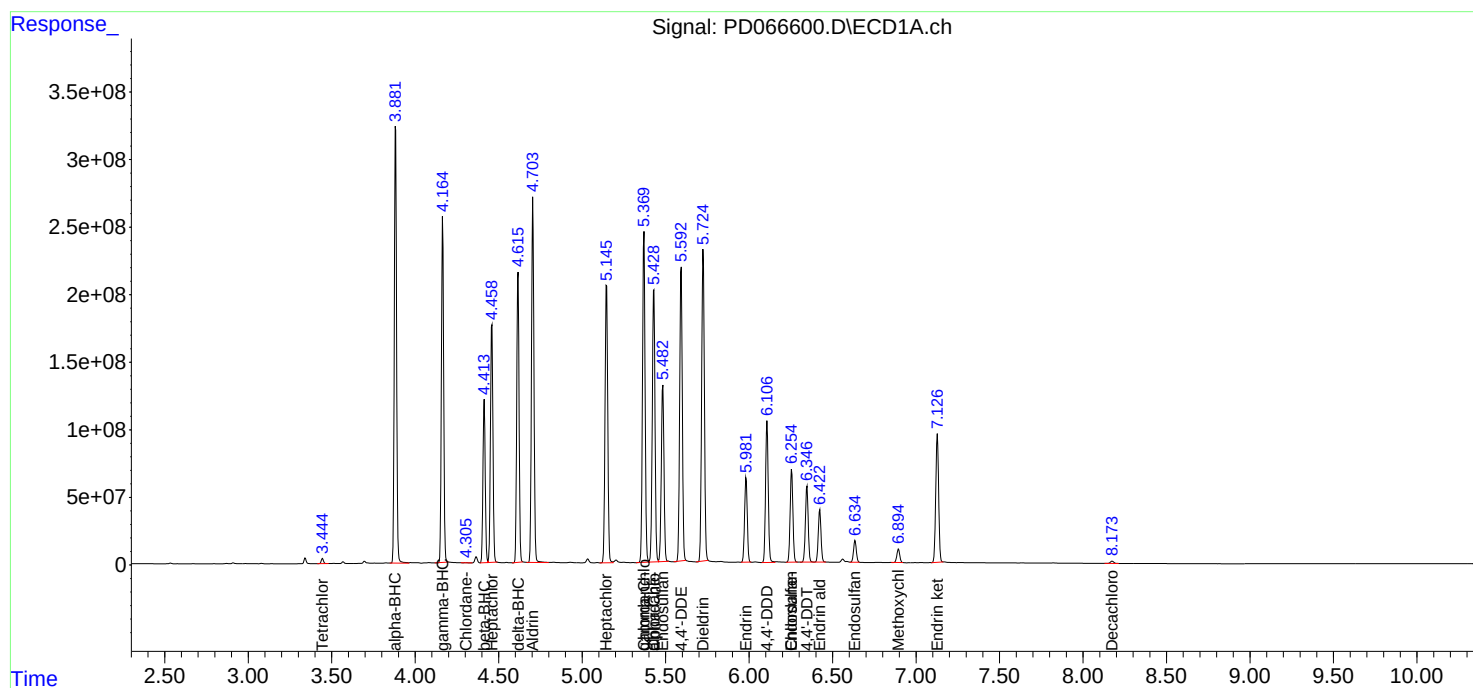
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

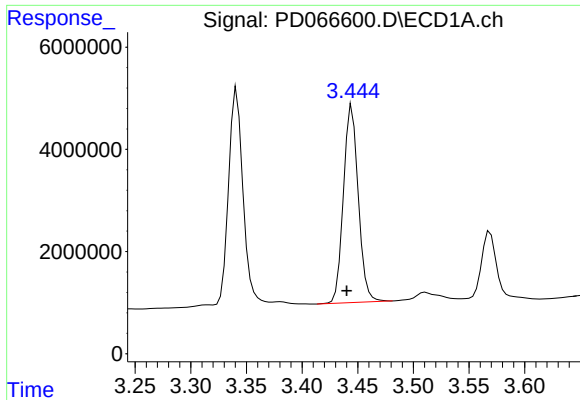
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102921\
Data File : PD066600.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2021 13:53
Operator : AJ\MA
Sample : M4386-21
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

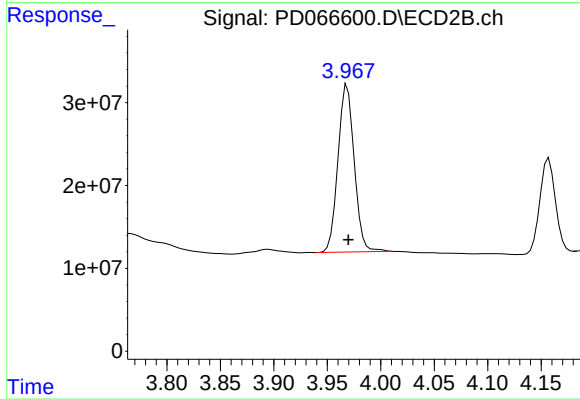




#1 Tetrachloro-m-xylene

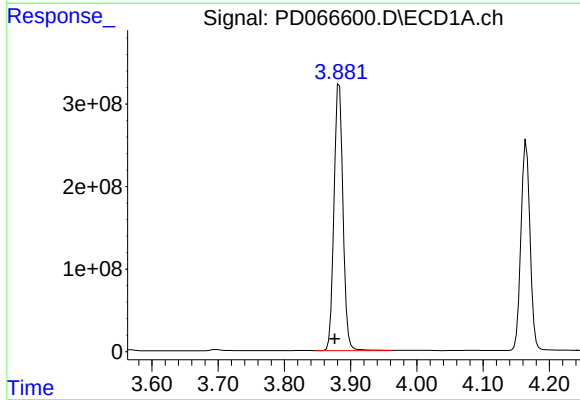
R.T.: 3.445 min
Delta R.T.: 0.005 min
Response: 35777898
Conc: 19.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



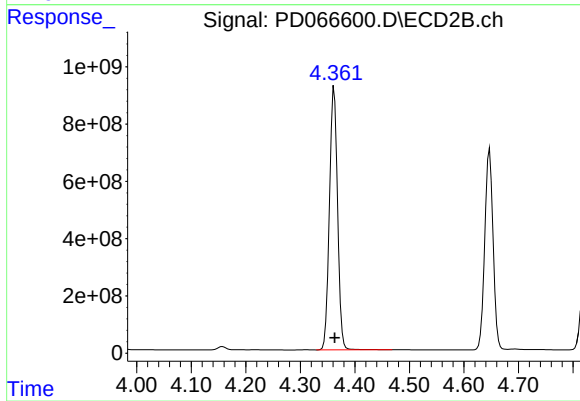
#1 Tetrachloro-m-xylene

R.T.: 3.969 min
Delta R.T.: -0.001 min
Response: 214119873
Conc: 26.46 ng/ml



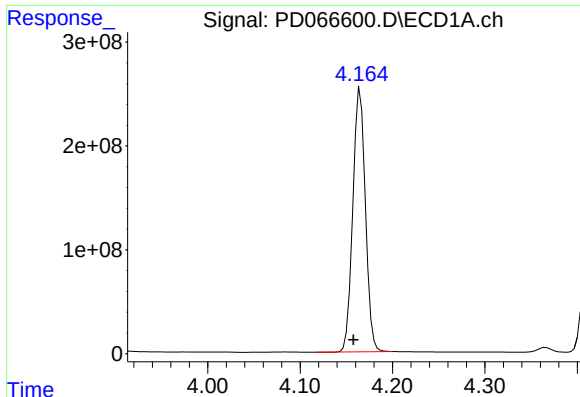
#2 alpha-BHC

R.T.: 3.883 min
Delta R.T.: 0.007 min
Response: 3047018295
Conc: 996.62 ng/ml



#2 alpha-BHC

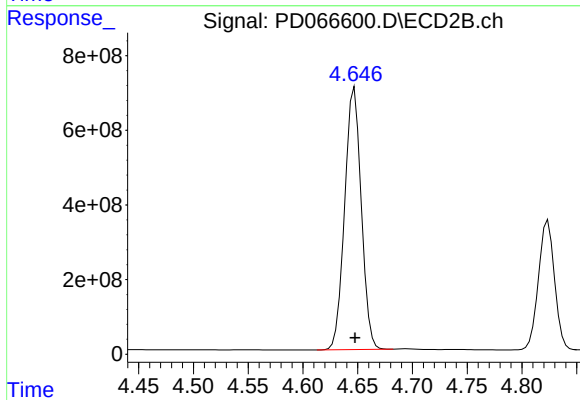
R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 9501591608
Conc: 861.22 ng/ml



#3 gamma-BHC (Lindane)

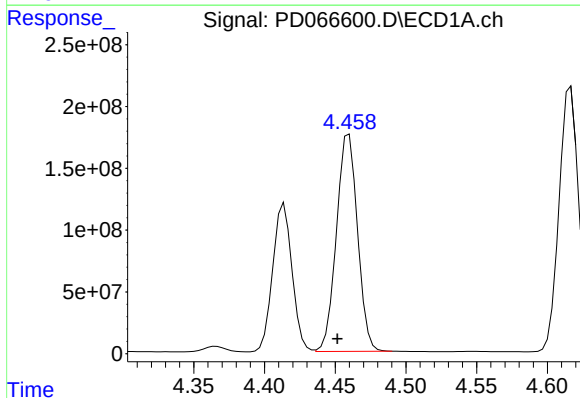
R.T.: 4.165 min
Delta R.T.: 0.007 min
Response: 2398199672
Conc: 794.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



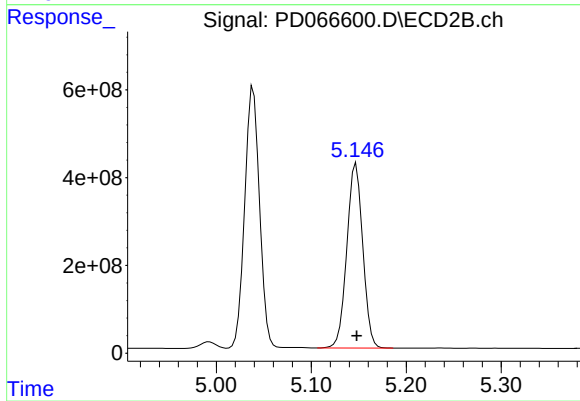
#3 gamma-BHC (Lindane)

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 7406729510
Conc: 743.25 ng/ml



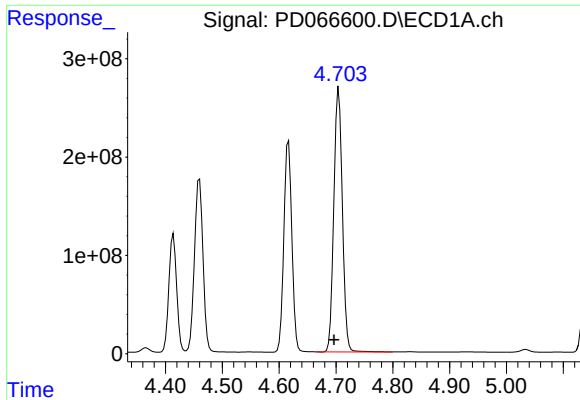
#4 Heptachlor

R.T.: 4.460 min
Delta R.T.: 0.008 min
Response: 1823865282
Conc: 614.79 ng/ml



#4 Heptachlor

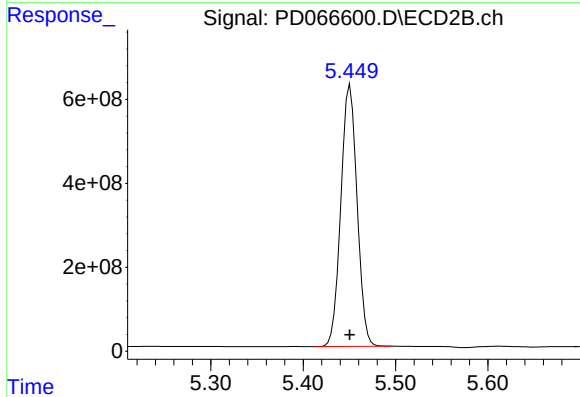
R.T.: 5.147 min
Delta R.T.: 0.000 min
Response: 4900540095
Conc: 499.95 ng/ml



#5 Aldrin

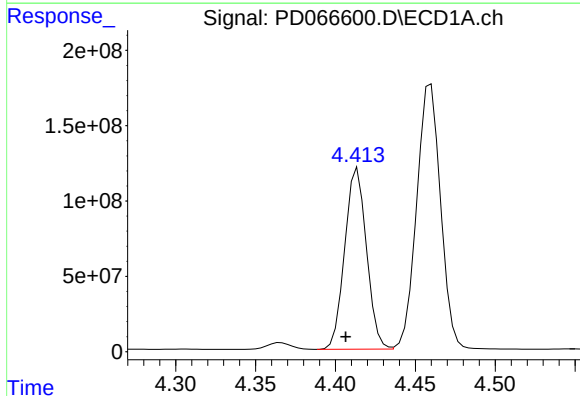
R.T.: 4.705 min
Delta R.T.: 0.008 min
Response: 2801162286
Conc: 972.01 ng/ml

Instrument :
ECD_D
ClientSampleId :



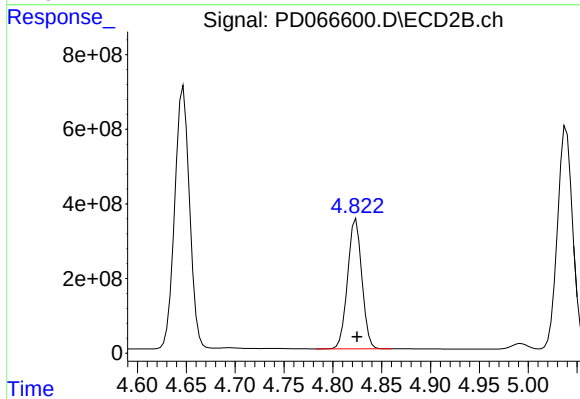
#5 Aldrin

R.T.: 5.451 min
Delta R.T.: 0.000 min
Response: 7610182920
Conc: 838.34 ng/ml



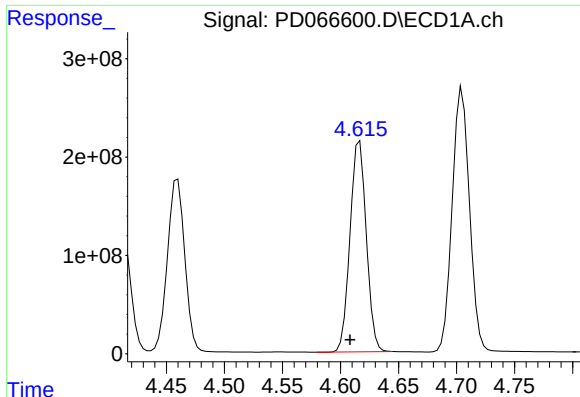
#6 beta-BHC

R.T.: 4.414 min
Delta R.T.: 0.008 min
Response: 1140362025
Conc: 912.92 ng/ml



#6 beta-BHC

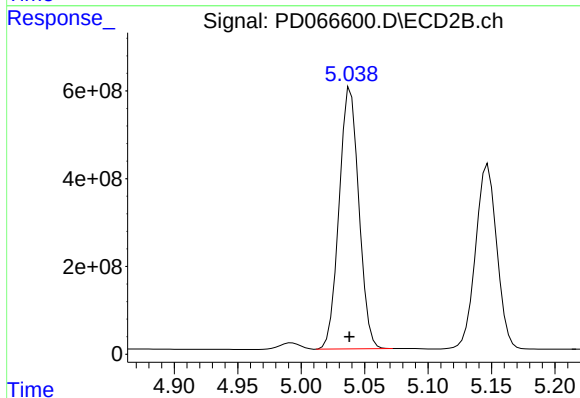
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 3532686580
Conc: 758.68 ng/ml



#7 delta-BHC

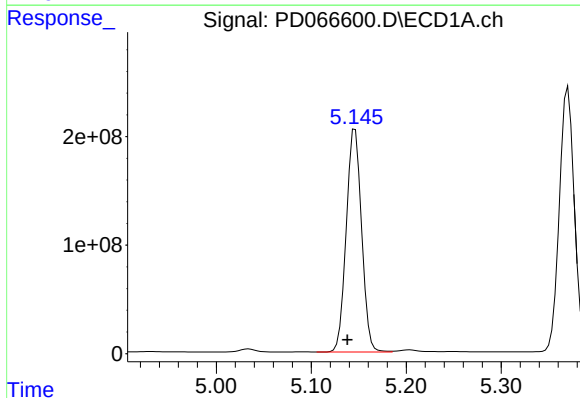
R.T.: 4.617 min
Delta R.T.: 0.008 min
Response: 2088237070
Conc: 776.80 ng/ml

Instrument :
ECD_D
ClientSampleId :



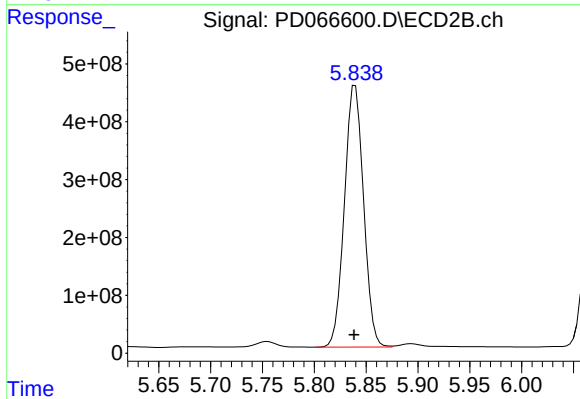
#7 delta-BHC

R.T.: 5.039 min
Delta R.T.: 0.001 min
Response: 6443029823
Conc: 704.90 ng/ml



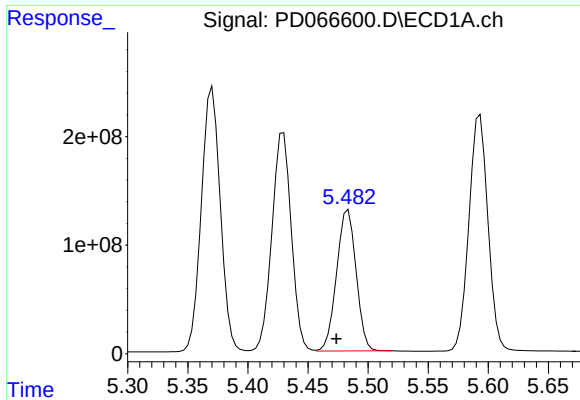
#8 Heptachlor epoxide

R.T.: 5.146 min
Delta R.T.: 0.008 min
Response: 2307142726
Conc: 891.94 ng/ml



#8 Heptachlor epoxide

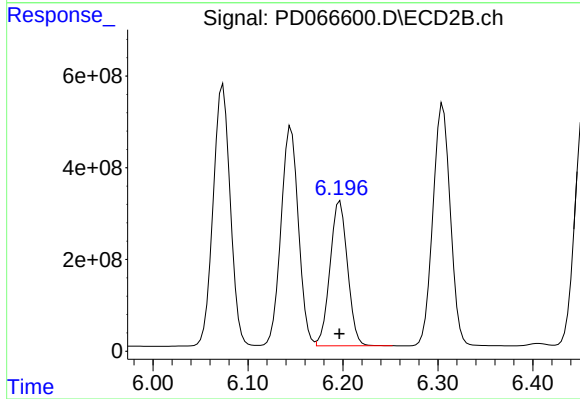
R.T.: 5.840 min
Delta R.T.: 0.001 min
Response: 5814931050
Conc: 802.30 ng/ml



#9 Endosulfan I

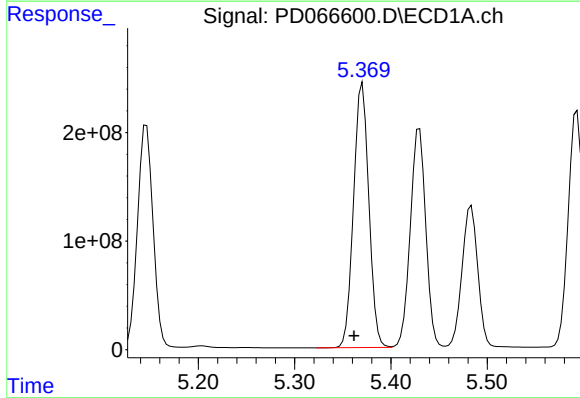
R.T.: 5.483 min
Delta R.T.: 0.010 min
Response: 1472779215
Conc: 620.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



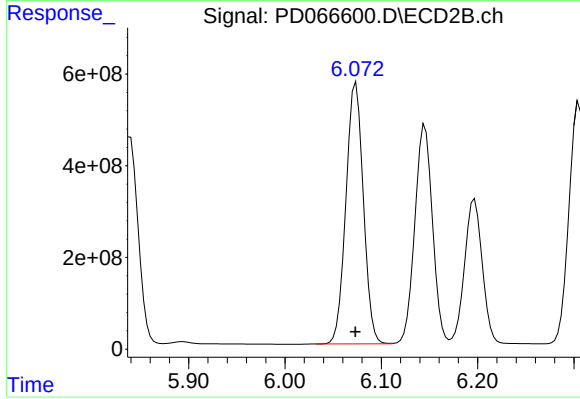
#9 Endosulfan I

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 4043675555
Conc: 512.84 ng/ml



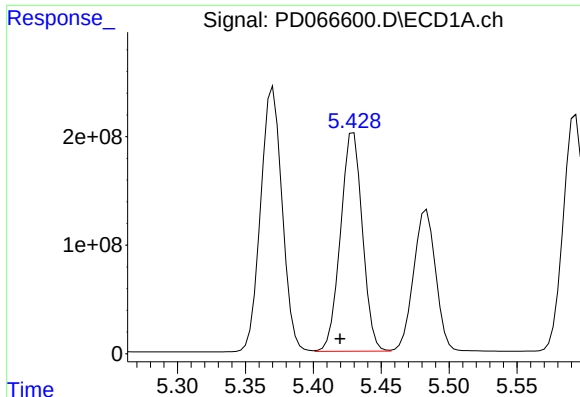
#10 gamma-Chlordane

R.T.: 5.370 min
Delta R.T.: 0.009 min
Response: 2683308602
Conc: 1029.91 ng/ml



#10 gamma-Chlordane

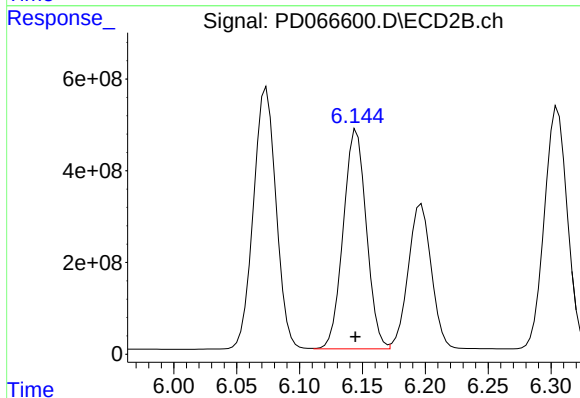
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 7132429150
Conc: 854.88 ng/ml



#11 alpha-Chlordane

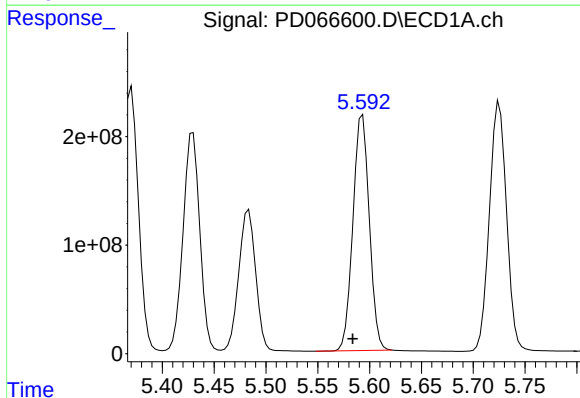
R.T.: 5.430 min
Delta R.T.: 0.010 min
Response: 2262561707
Conc: 881.63 ng/ml

Instrument :
ECD_D
ClientSampleId :



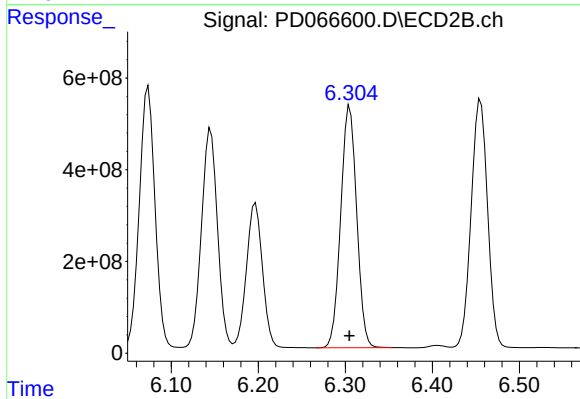
#11 alpha-Chlordane

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 6112076264
Conc: 736.87 ng/ml



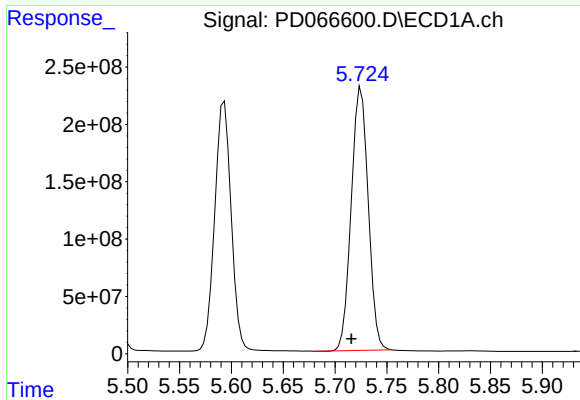
#12 4,4'-DDE

R.T.: 5.593 min
Delta R.T.: 0.009 min
Response: 2382987209
Conc: 1022.81 ng/ml



#12 4,4'-DDE

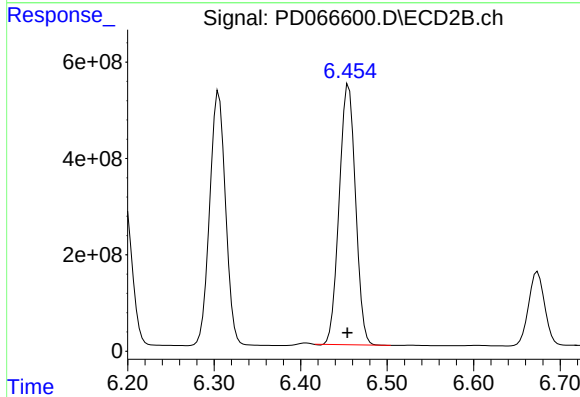
R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 6715215694
Conc: 852.10 ng/ml



#13 Dieldrin

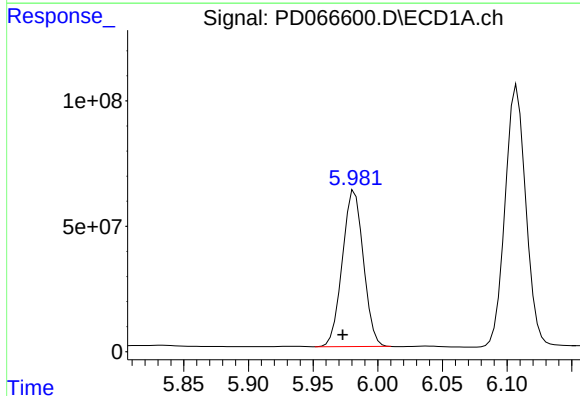
R.T.: 5.725 min
Delta R.T.: 0.009 min
Response: 2619864588
Conc: 1046.99 ng/ml

Instrument :
ECD_D
ClientSampleId :



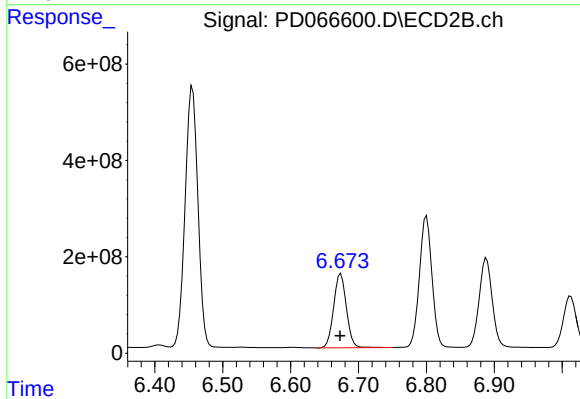
#13 Dieldrin

R.T.: 6.456 min
Delta R.T.: 0.002 min
Response: 7031560815
Conc: 847.42 ng/ml



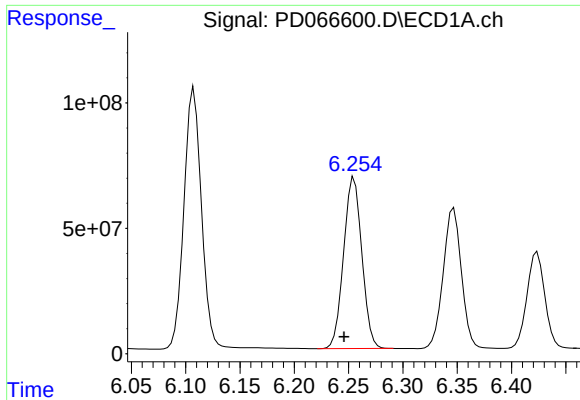
#14 Endrin

R.T.: 5.982 min
Delta R.T.: 0.009 min
Response: 702444416
Conc: 335.64 ng/ml



#14 Endrin

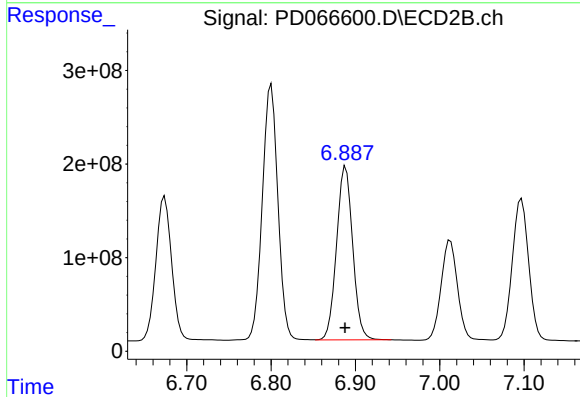
R.T.: 6.674 min
Delta R.T.: 0.001 min
Response: 2006453111
Conc: 291.53 ng/ml



#15 Endosulfan II

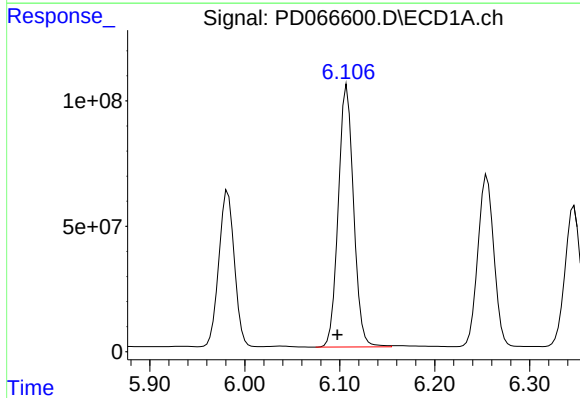
R.T.: 6.255 min
Delta R.T.: 0.009 min
Response: 798724013
Conc: 401.66 ng/ml

Instrument :
ECD_D
ClientSampleId :



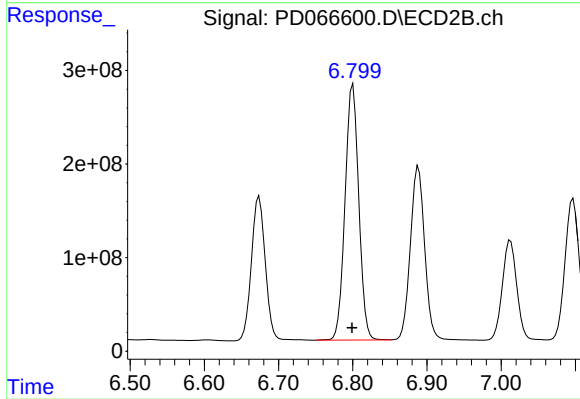
#15 Endosulfan II

R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: 2464209622
Conc: 349.01 ng/ml



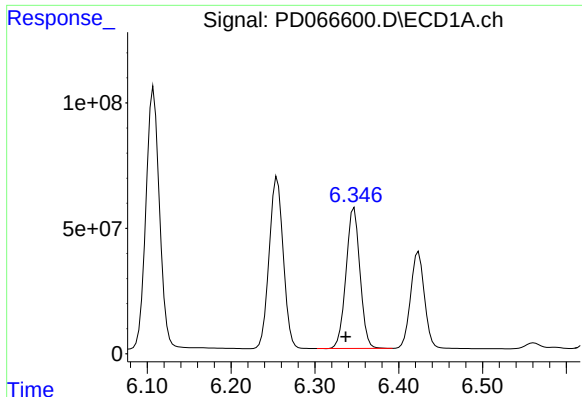
#16 4,4'-DDD

R.T.: 6.108 min
Delta R.T.: 0.010 min
Response: 1170921652
Conc: 624.54 ng/ml



#16 4,4'-DDD

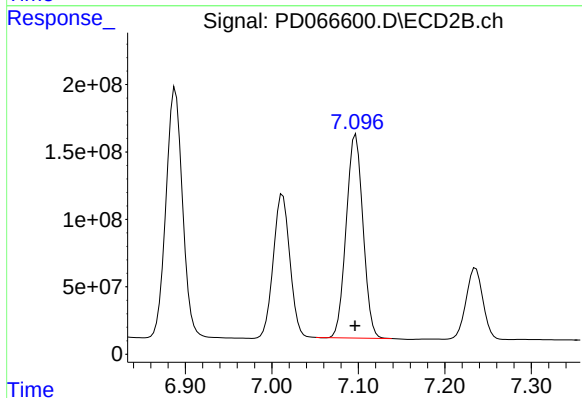
R.T.: 6.800 min
Delta R.T.: 0.001 min
Response: 3505715126
Conc: 515.91 ng/ml



#17 4,4'-DDT

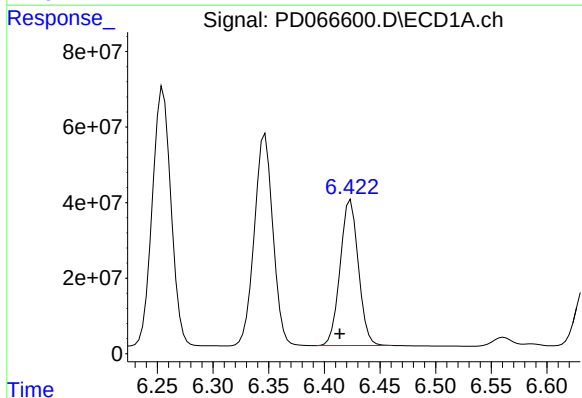
R.T.: 6.347 min
Delta R.T.: 0.010 min
Response: 650297109
Conc: 338.09 ng/ml

Instrument :
ECD_D
ClientSampleId :



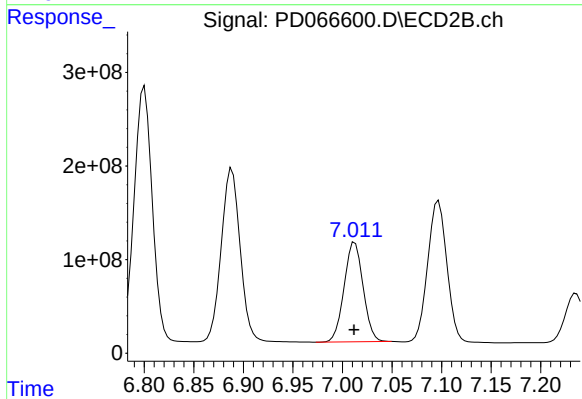
#17 4,4'-DDT

R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 2024105232
Conc: 279.07 ng/ml



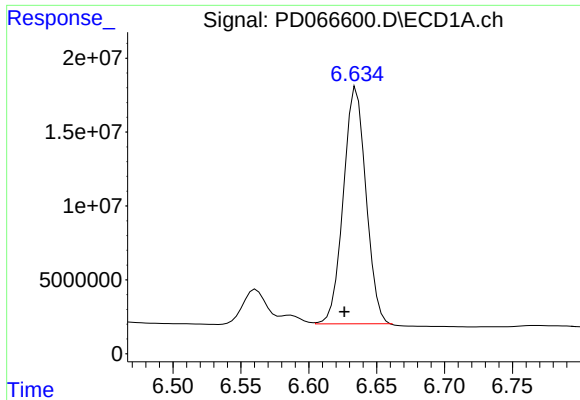
#18 Endrin aldehyde

R.T.: 6.424 min
Delta R.T.: 0.010 min
Response: 438989151
Conc: 284.00 ng/ml



#18 Endrin aldehyde

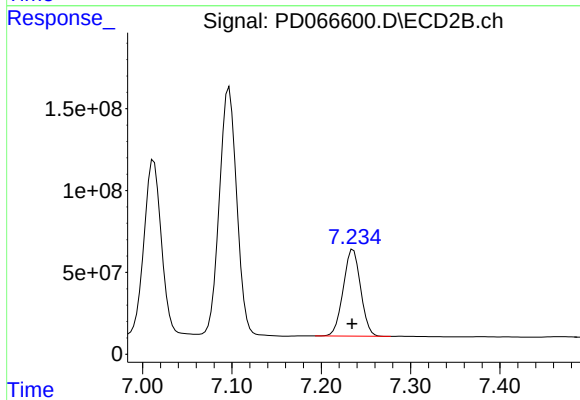
R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 1419183286
Conc: 249.50 ng/ml



#19 Endosulfan Sulfate

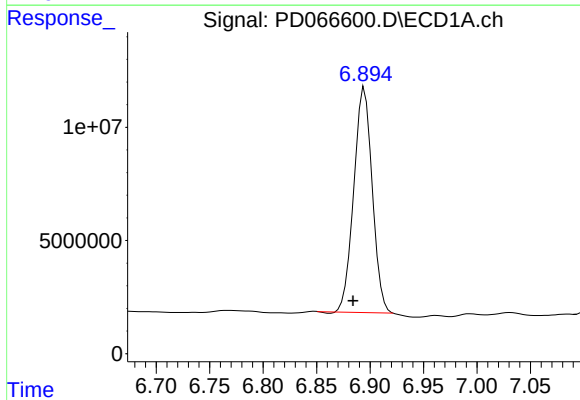
R.T.: 6.635 min
Delta R.T.: 0.009 min
Response: 185463931
Conc: 99.65 ng/ml

Instrument :
ECD_D
ClientSampleId :



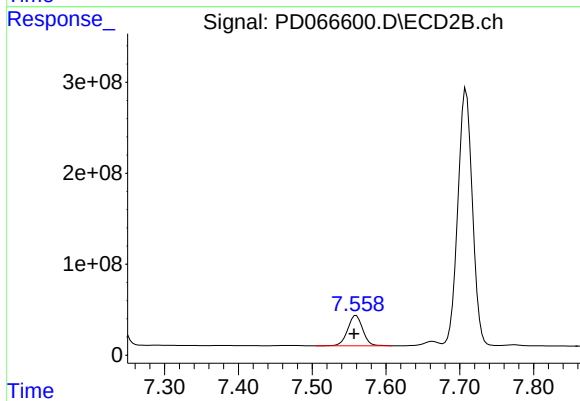
#19 Endosulfan Sulfate

R.T.: 7.236 min
Delta R.T.: 0.001 min
Response: 714826311
Conc: 98.54 ng/ml



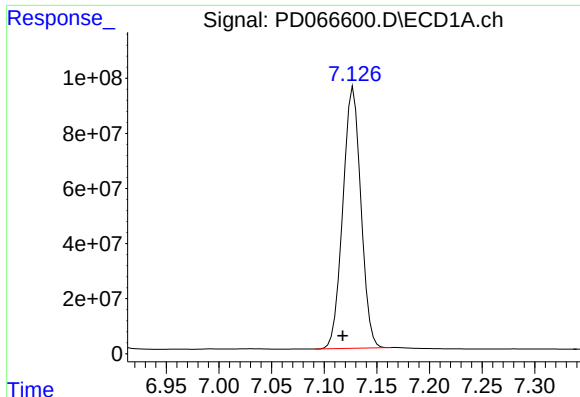
#20 Methoxychlor

R.T.: 6.895 min
Delta R.T.: 0.011 min
Response: 119141624
Conc: 115.37 ng/ml



#20 Methoxychlor

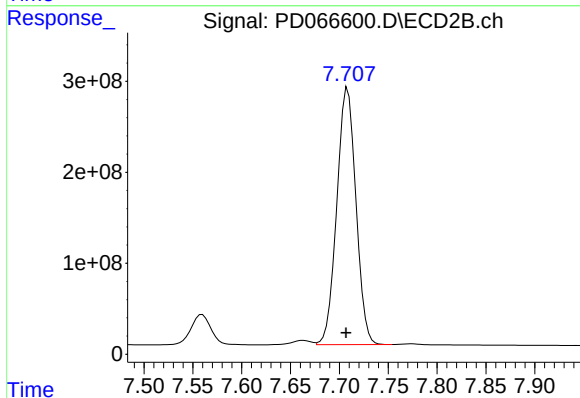
R.T.: 7.560 min
Delta R.T.: 0.003 min
Response: 472419114
Conc: 115.97 ng/ml



#21 Endrin ketone

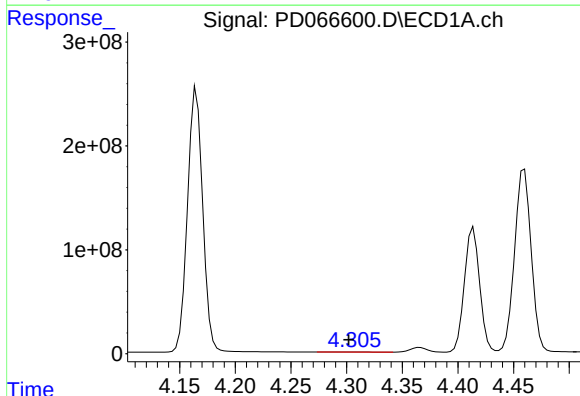
R.T.: 7.128 min
Delta R.T.: 0.010 min
Response: 1135336588
Conc: 520.30 ng/ml

Instrument :
ECD_D
ClientSampleId :



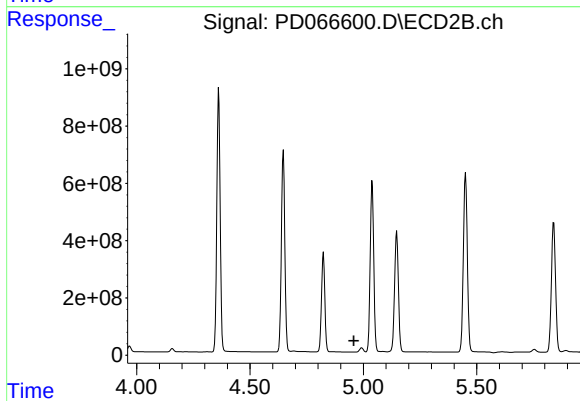
#21 Endrin ketone

R.T.: 7.709 min
Delta R.T.: 0.002 min
Response: 3854774480
Conc: 458.37 ng/ml



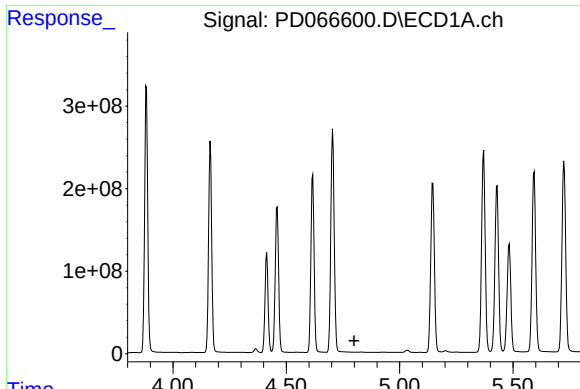
#23 Chlordane-1

R.T.: 4.306 min
Delta R.T.: 0.004 min
Response: 1121789
Conc: 15.16 ng/ml



#23 Chlordane-1

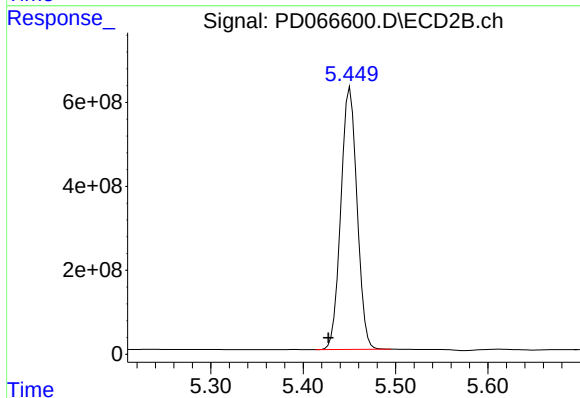
R.T.: 0.000 min
Exp R.T. : 4.958 min
Response: 0
Conc: N.D.



#24 Chlordane-2

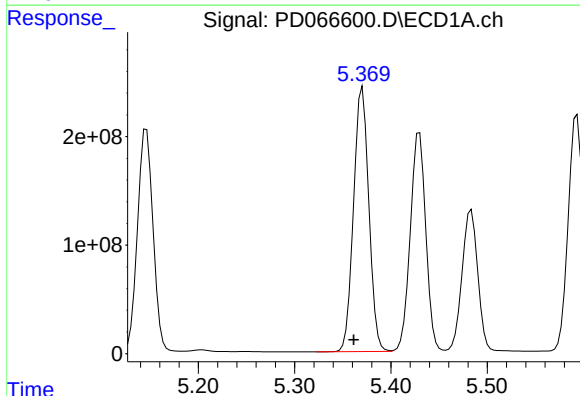
R.T.: 0.000 min
Exp R.T.: 4.799 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



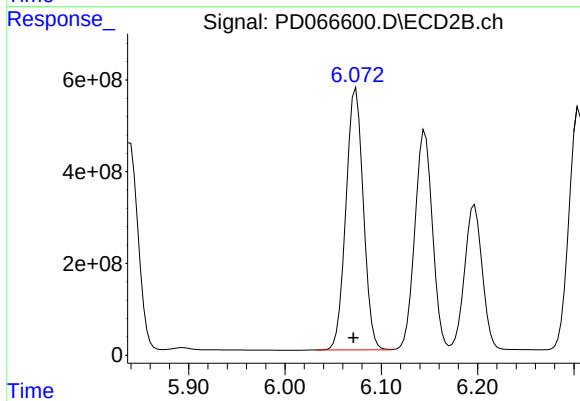
#24 Chlordane-2

R.T.: 5.451 min
Delta R.T.: 0.024 min
Response: 7610182920
Conc: 25656.42 ng/ml



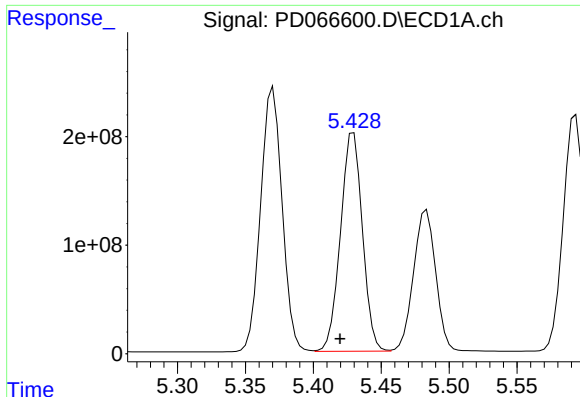
#25 Chlordane-3

R.T.: 5.370 min
Delta R.T.: 0.009 min
Response: 2683308602
Conc: 10959.19 ng/ml



#25 Chlordane-3

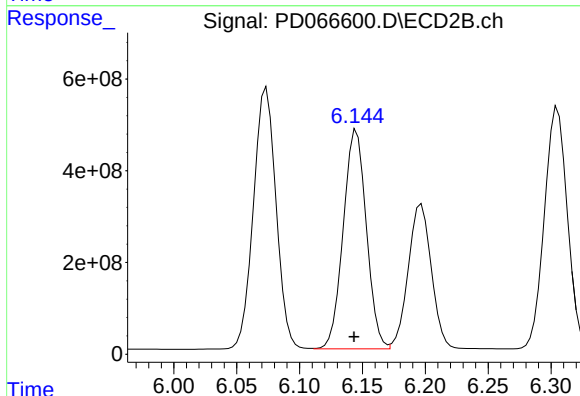
R.T.: 6.074 min
Delta R.T.: 0.002 min
Response: 7132429150
Conc: 6615.29 ng/ml



#26 Chlordane-4

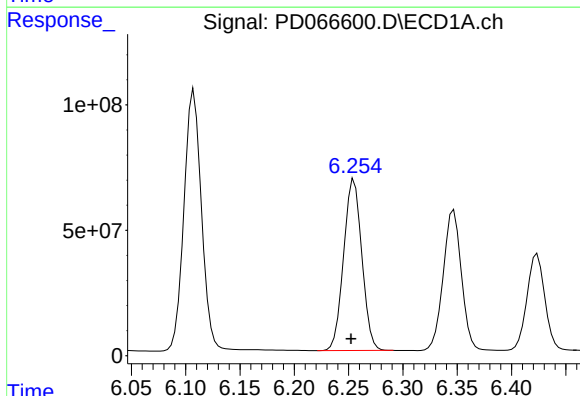
R.T.: 5.430 min
Delta R.T.: 0.010 min
Response: 2262561707
Conc: 11107.33 ng/ml

Instrument :
ECD_D
ClientSampleId :



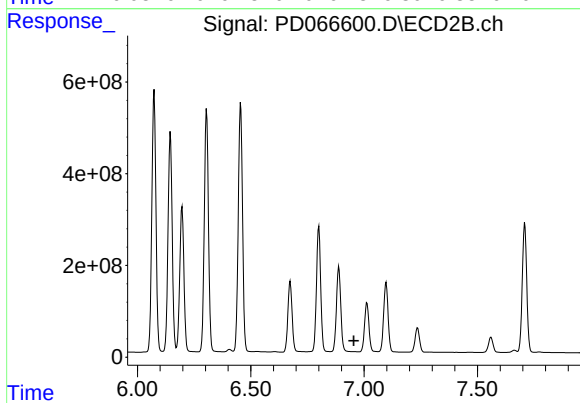
#26 Chlordane-4

R.T.: 6.145 min
Delta R.T.: 0.002 min
Response: 6112076264
Conc: 4849.99 ng/ml



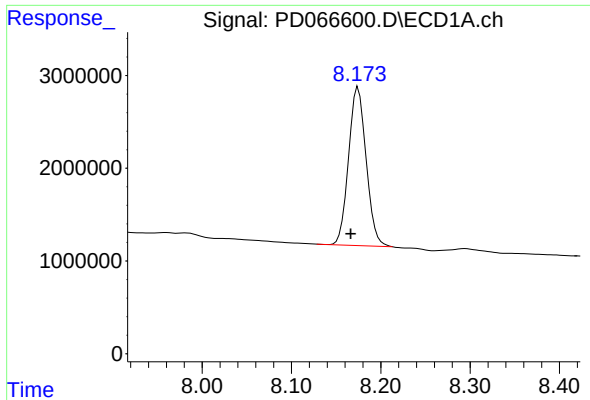
#27 Chlordane-5

R.T.: 6.255 min
Delta R.T.: 0.003 min
Response: 798724013
Conc: 9444.40 ng/ml



#27 Chlordane-5

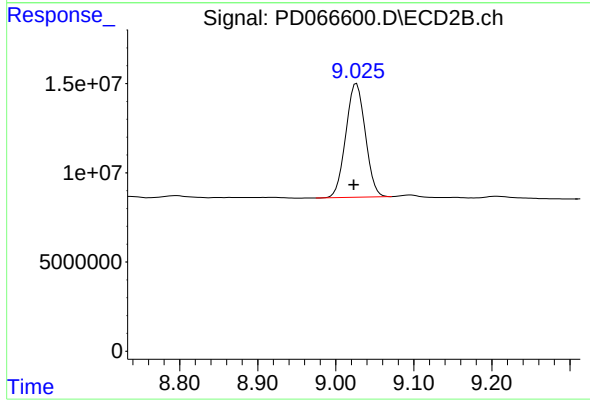
R.T.: 0.000 min
Exp R.T. : 6.955 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.175 min
Delta R.T.: 0.008 min
Response: 23333974
Conc: 20.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.027 min
Delta R.T.: 0.004 min
Response: 110618116
Conc: 20.54 ng/ml