

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082121\
 Data File : PD065155.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2021 03:26
 Operator : AR\AJ
 Sample : M3434-31
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 2021-08-12-FD-03

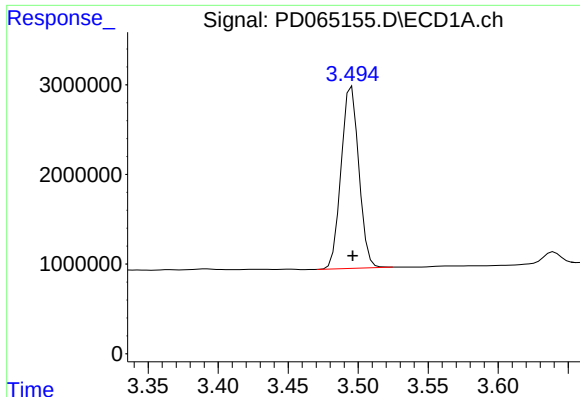
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 05:36:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082021.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 20 02:25:41 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.495	4.012	17921864	138.0E6	17.435	17.426
28)	SA Decachlor...	8.239	9.082	13446811	56159628	11.868	11.867
Target Compounds							
3)	MA gamma-BHC...	4.225	4.677f	1751136	6787427	1.276	0.641 #
4)	MA Heptachlor	0.000	5.220f	0	10734677	N.D.	1.071 #
5)	MB Aldrin	0.000	5.475f	0	11011538	N.D.	1.219 #
7)	B delta-BHC	0.000	5.113f	0	17794649	N.D.	1.832 #
8)	B Heptachlo...	0.000	5.881	0	19482269	N.D.	2.611 #
9)	A Endosulfan I	5.571f	6.238	2966024	7608321	2.781	1.080 #
10)	B gamma-Chl...	5.432	6.124	1823413	54059520	1.613	7.070 #
11)	B alpha-Chl...	5.489	6.198	3366280	27558167	3.007	3.702
12)	B 4,4'-DDE	5.653	6.356	-175130	29764398	N.D.	4.145
13)	MA Dieldrin	5.785	0.000	6232955	0	5.554	N.D. #
14)	MA Endrin	6.039	6.717	527903	4523443	0.503	0.735 #
15)	B Endosulfa...	6.318	6.927	1060113	3754208	1.060	0.640 #
16)	A 4,4'-DDD	6.169	6.850	3522791	43392410	3.725	7.379 #
17)	MA 4,4'-DDT	6.405	7.147	4739747	11145005	4.766	1.858 #
18)	B Endrin al...	0.000	7.059	0	4311312	N.D.	0.924 #
19)	B Endosulfa...	6.692	0.000	318300	0	0.300	N.D. #
20)	A Methoxychlor	6.934f	0.000	1337746	0	2.270	N.D. #
21)	B Endrin ke...	7.211f	0.000	789720	0	0.619	N.D. #
22)	Mirex	0.000	8.225f	0	3097639	N.D.	0.696 #
23)	Chlordane-1	4.367	0.000	950657	0	25.102	N.D. #
24)	Chlordane-2	4.868	5.475	2197957	11011538	50.361	35.200 #
25)	Chlordane-3	5.432	6.124	1823413	54059520	16.521	52.289 #
26)	Chlordane-4	5.489	6.198	3366280	27558167	36.668	22.921 #
27)	Chlordane-5	6.318	7.028f	1060113	2186544	23.564	9.222 #

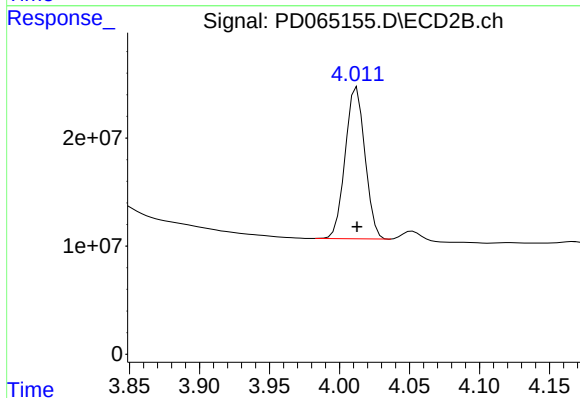
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

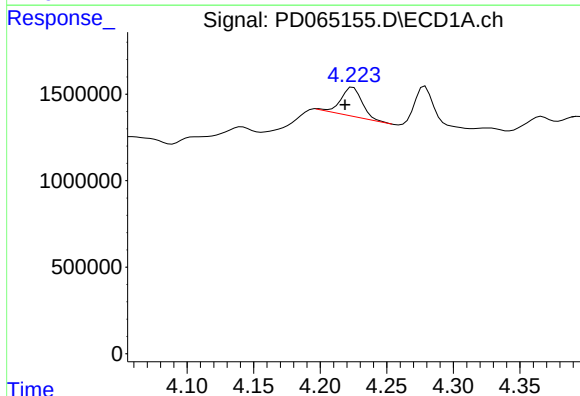
R.T.: 3.495 min
Delta R.T.: 0.000 min
Response: 17921864
Conc: 17.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
2021-08-12-FD-03



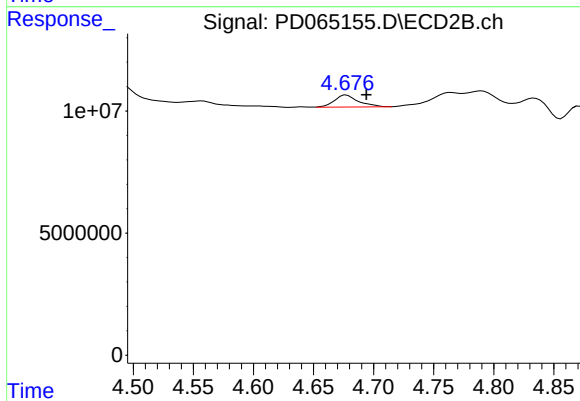
#1 Tetrachloro-m-xylene

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 138023284
Conc: 17.43 ng/ml



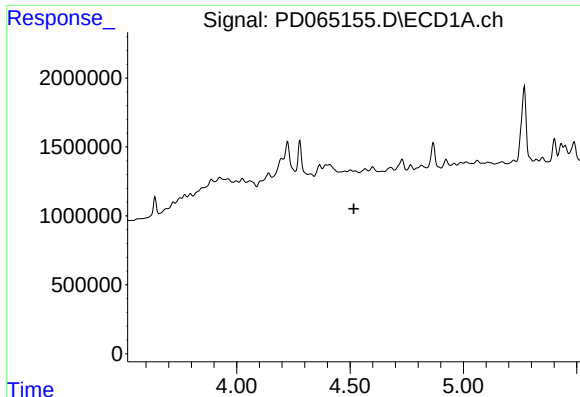
#3 gamma-BHC (Lindane)

R.T.: 4.225 min
Delta R.T.: 0.006 min
Response: 1751136
Conc: 1.28 ng/ml



#3 gamma-BHC (Lindane)

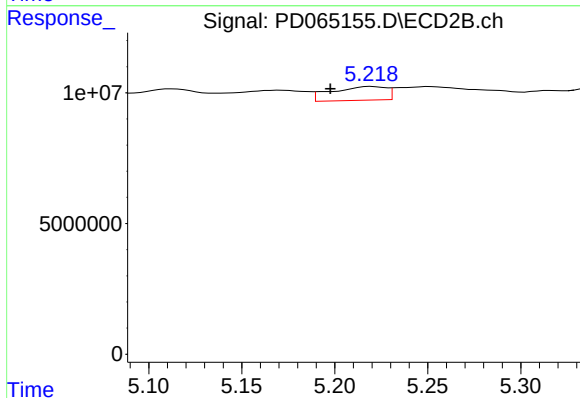
R.T.: 4.677 min
Delta R.T.: -0.017 min
Response: 6787427
Conc: 0.64 ng/ml



#4 Heptachlor

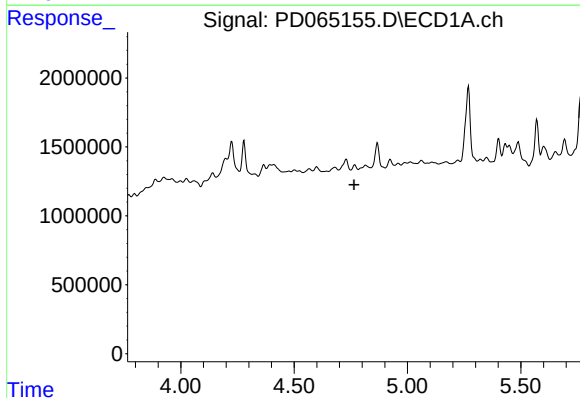
R.T.: 0.000 min
Exp R.T.: 4.517 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
2021-08-12-FD-03



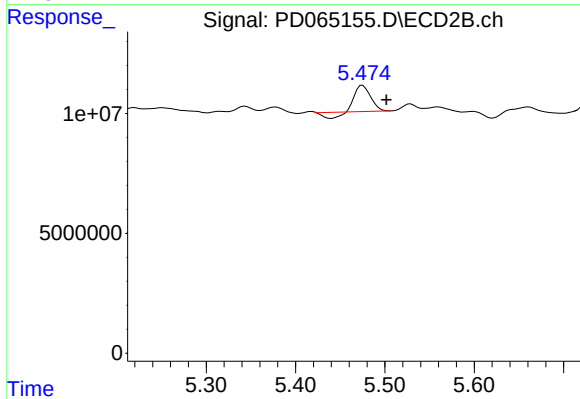
#4 Heptachlor

R.T.: 5.220 min
Delta R.T.: 0.022 min
Response: 10734677
Conc: 1.07 ng/ml



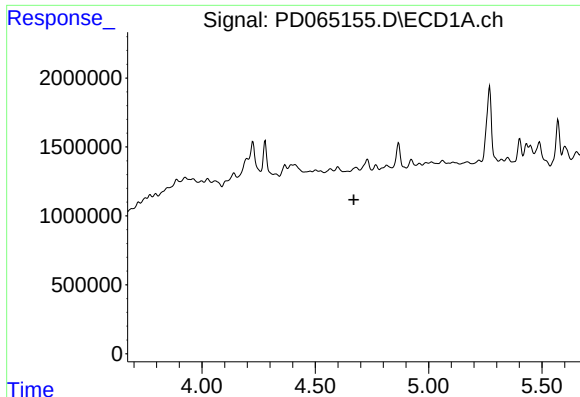
#5 Aldrin

R.T.: 0.000 min
Exp R.T.: 4.765 min
Response: 0
Conc: N.D.



#5 Aldrin

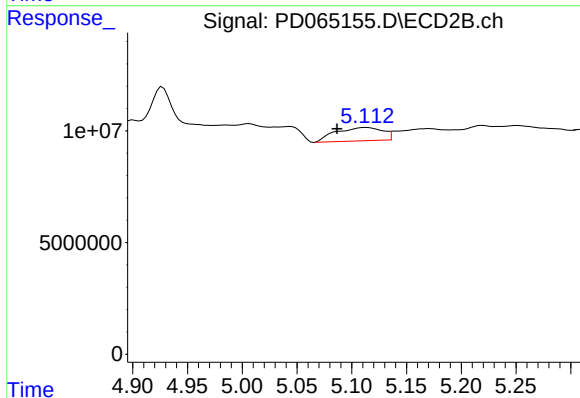
R.T.: 5.475 min
Delta R.T.: -0.027 min
Response: 11011538
Conc: 1.22 ng/ml



#7 delta-BHC

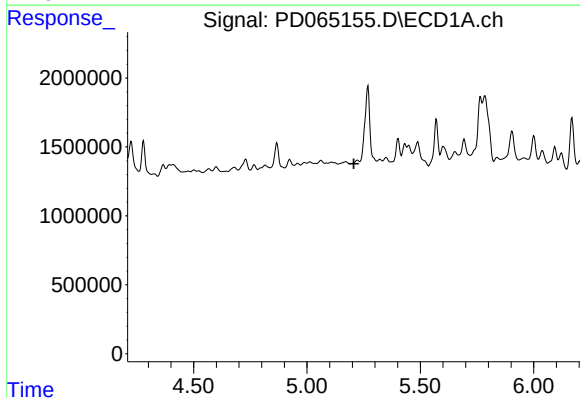
R.T.: 0.000 min
Exp R.T.: 4.670 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
2021-08-12-FD-03



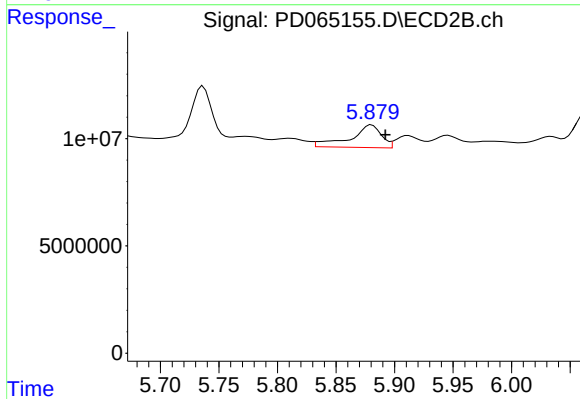
#7 delta-BHC

R.T.: 5.113 min
Delta R.T.: 0.027 min
Response: 17794649
Conc: 1.83 ng/ml



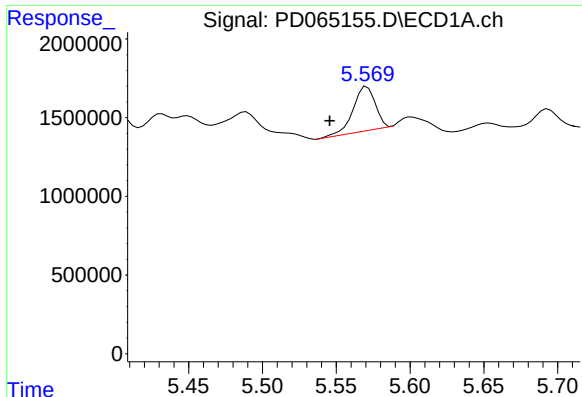
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T.: 5.207 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

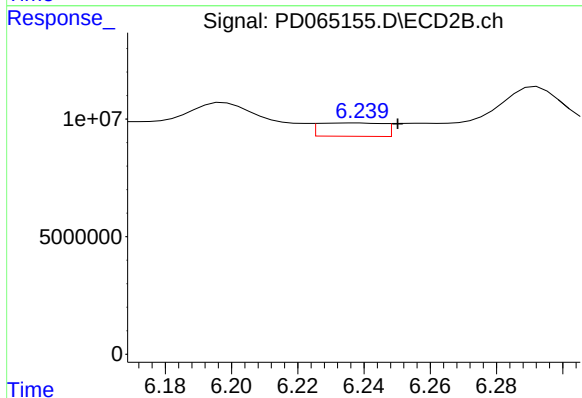
R.T.: 5.881 min
Delta R.T.: -0.012 min
Response: 19482269
Conc: 2.61 ng/ml



#9 Endosulfan I

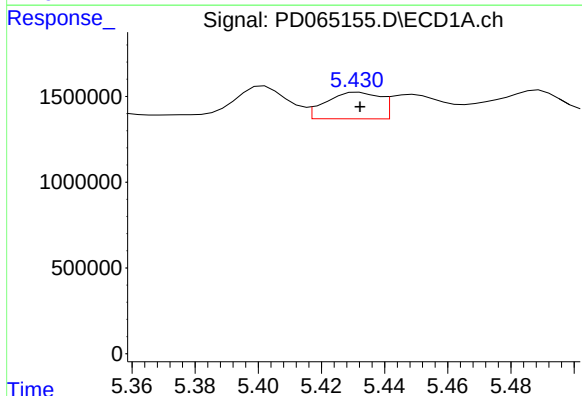
R.T.: 5.571 min
Delta R.T.: 0.025 min
Response: 2966024
Conc: 2.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
2021-08-12-FD-03



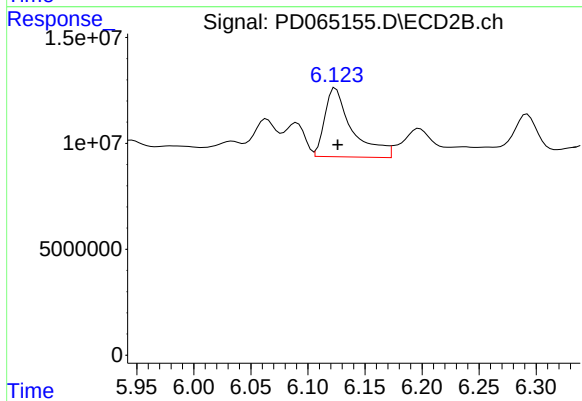
#9 Endosulfan I

R.T.: 6.238 min
Delta R.T.: -0.013 min
Response: 7608321
Conc: 1.08 ng/ml



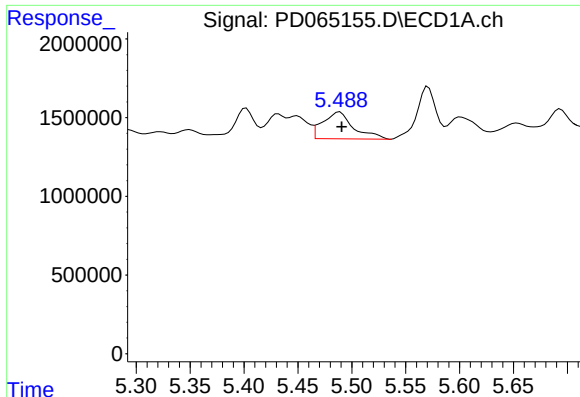
#10 gamma-Chlordane

R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 1823413
Conc: 1.61 ng/ml



#10 gamma-Chlordane

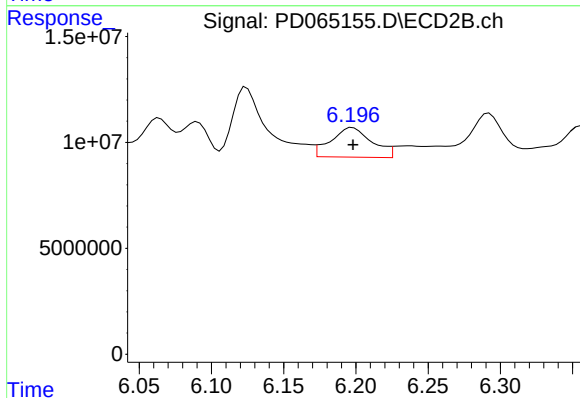
R.T.: 6.124 min
Delta R.T.: -0.002 min
Response: 54059520
Conc: 7.07 ng/ml



#11 alpha-Chlordane

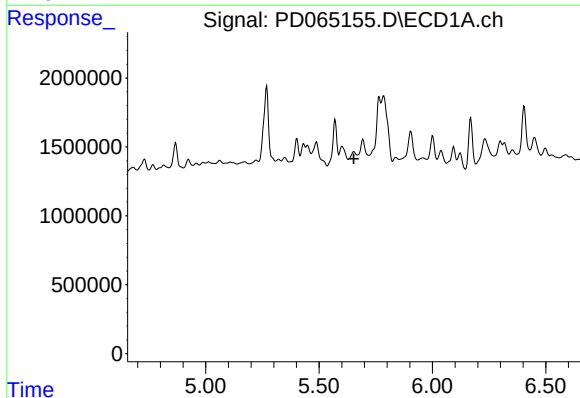
R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 3366280
Conc: 3.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
2021-08-12-FD-03



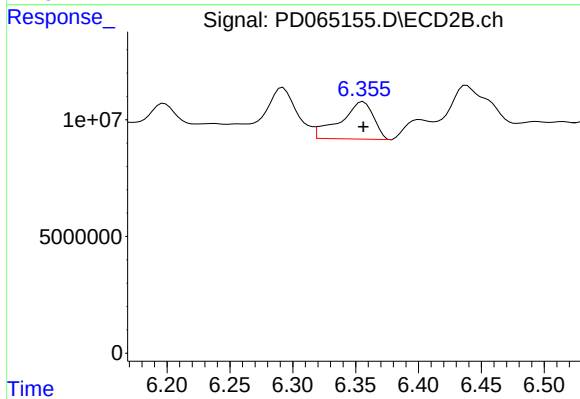
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 27558167
Conc: 3.70 ng/ml



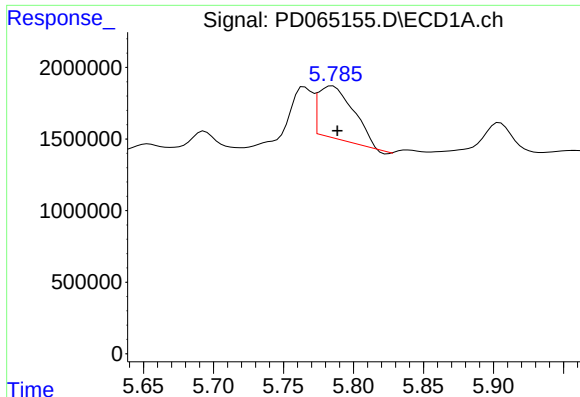
#12 4,4'-DDE

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: -175130
Conc: N.D.



#12 4,4'-DDE

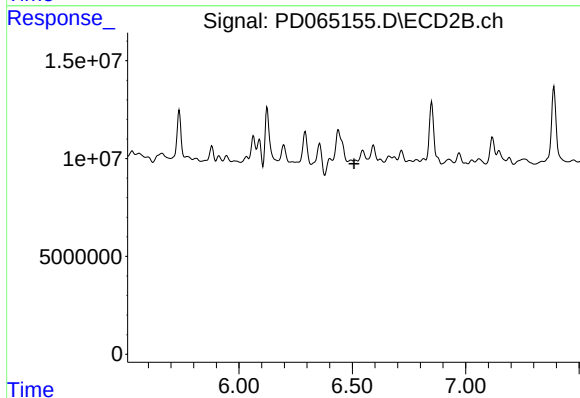
R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 29764398
Conc: 4.15 ng/ml



#13 Dieldrin

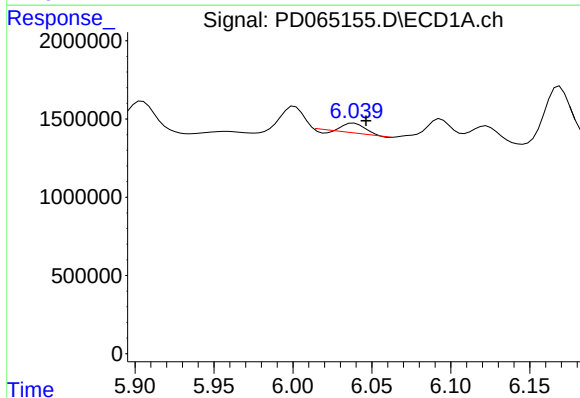
R.T.: 5.785 min
Delta R.T.: -0.003 min
Response: 6232955
Conc: 5.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
2021-08-12-FD-03



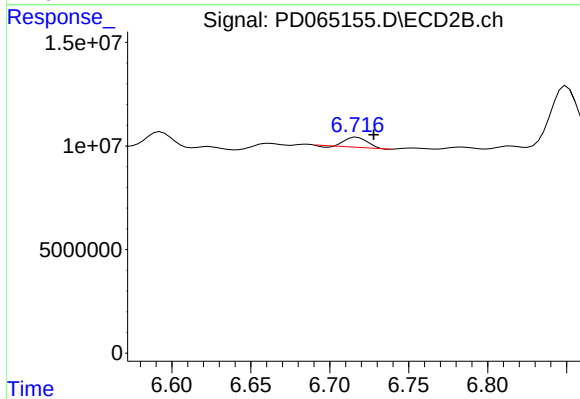
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 6.508 min
Response: 0
Conc: N.D.



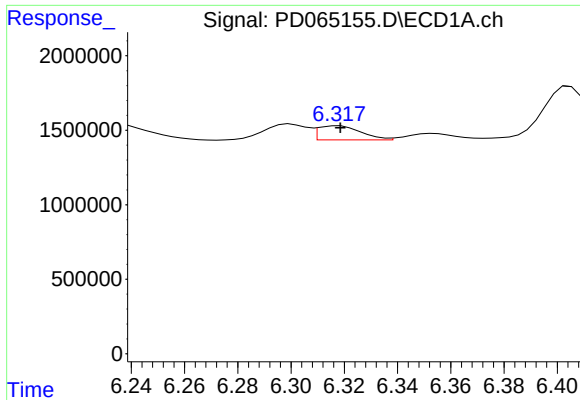
#14 Endrin

R.T.: 6.039 min
Delta R.T.: -0.008 min
Response: 527903
Conc: 0.50 ng/ml



#14 Endrin

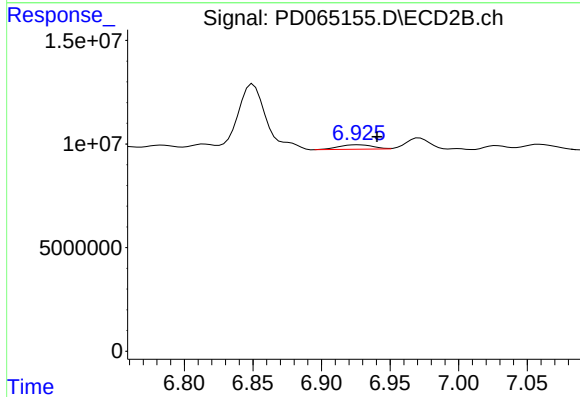
R.T.: 6.717 min
Delta R.T.: -0.011 min
Response: 4523443
Conc: 0.73 ng/ml



#15 Endosulfan II

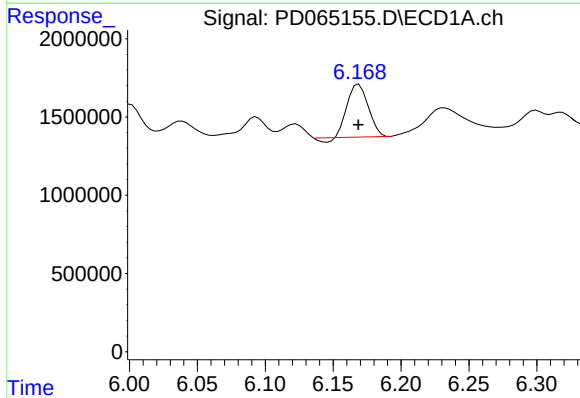
R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 1060113
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
2021-08-12-FD-03



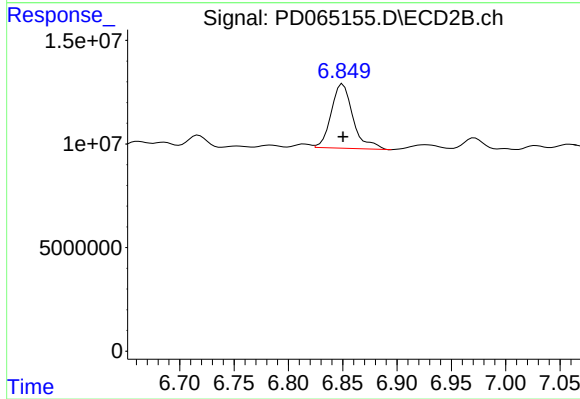
#15 Endosulfan II

R.T.: 6.927 min
Delta R.T.: -0.014 min
Response: 3754208
Conc: 0.64 ng/ml



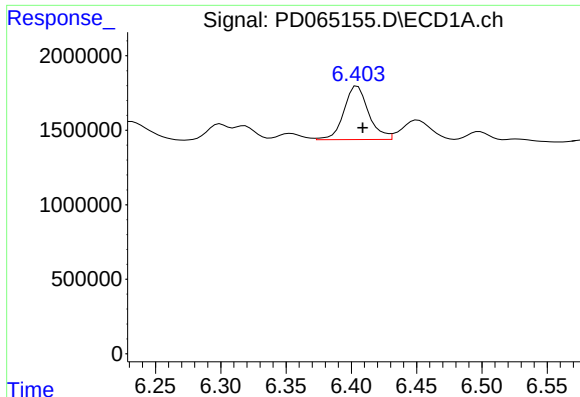
#16 4,4'-DDD

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 3522791
Conc: 3.72 ng/ml



#16 4,4'-DDD

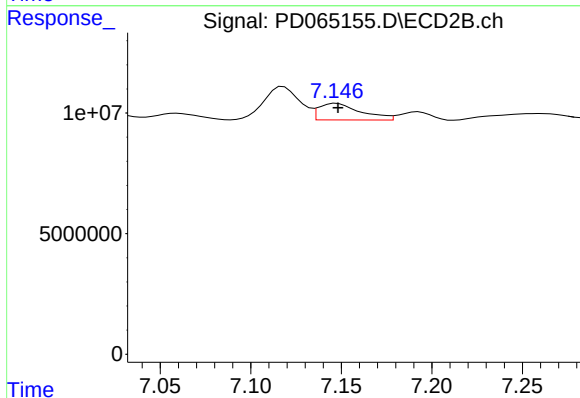
R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 43392410
Conc: 7.38 ng/ml



#17 4,4'-DDT

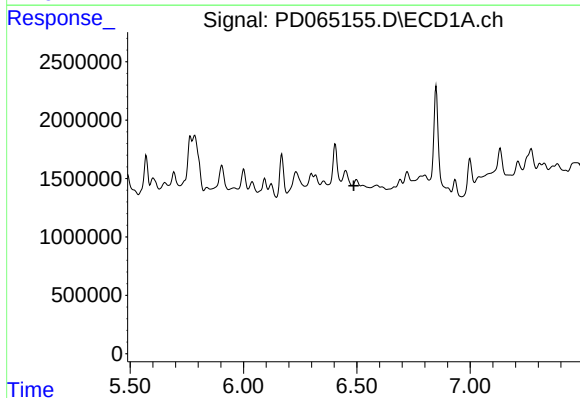
R.T.: 6.405 min
Delta R.T.: -0.004 min
Response: 4739747
Conc: 4.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
2021-08-12-FD-03



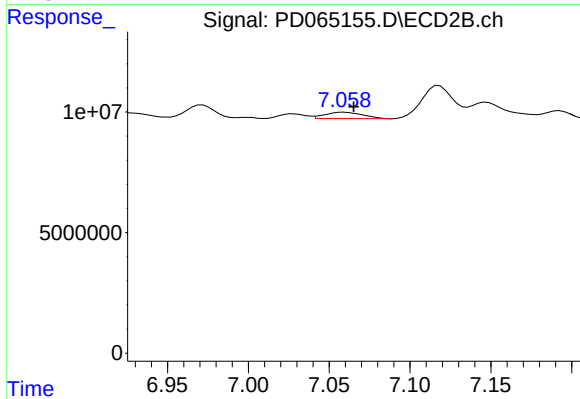
#17 4,4'-DDT

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 11145005
Conc: 1.86 ng/ml



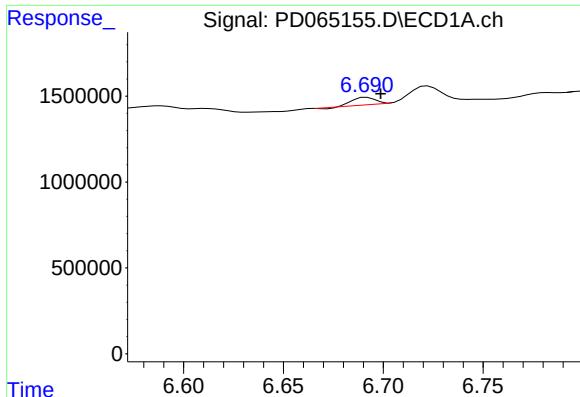
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.487 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

R.T.: 7.059 min
Delta R.T.: -0.006 min
Response: 4311312
Conc: 0.92 ng/ml



#19 Endosulfan Sulfate

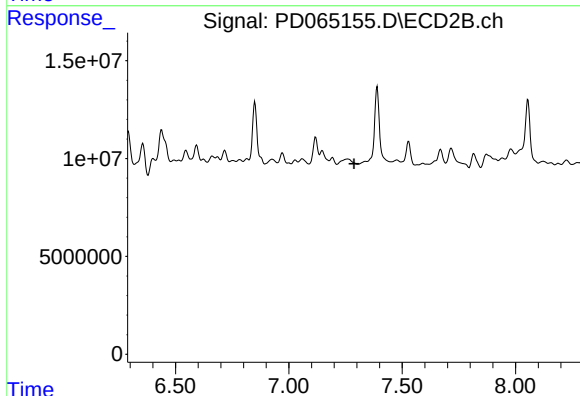
R.T.: 6.692 min

Delta R.T.: -0.007 min

Response: 318300

Conc: 0.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
2021-08-12-FD-03



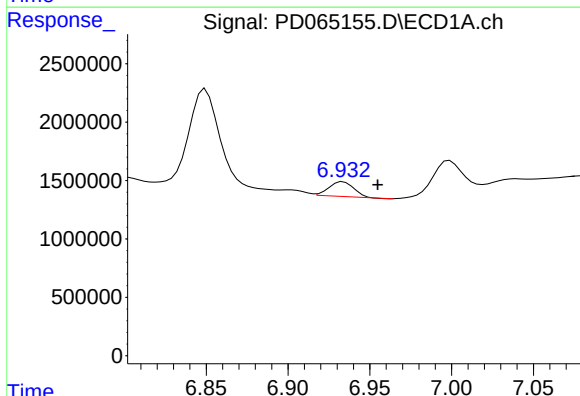
#19 Endosulfan Sulfate

R.T.: 0.000 min

Exp R.T. : 7.287 min

Response: 0

Conc: N.D.



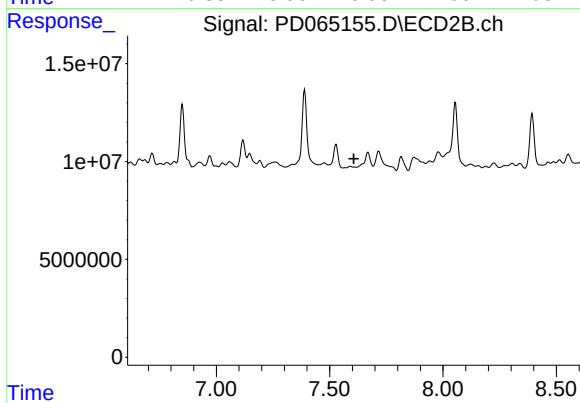
#20 Methoxychlor

R.T.: 6.934 min

Delta R.T.: -0.021 min

Response: 1337746

Conc: 2.27 ng/ml



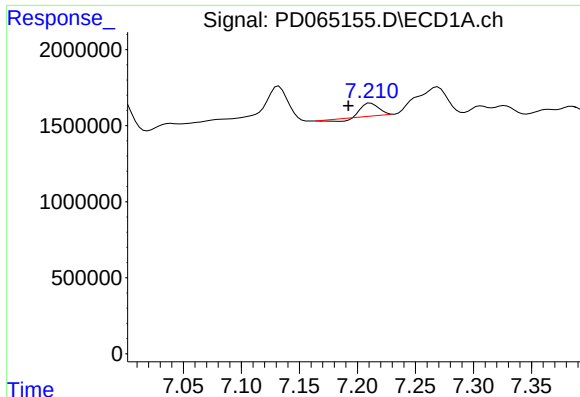
#20 Methoxychlor

R.T.: 0.000 min

Exp R.T. : 7.607 min

Response: 0

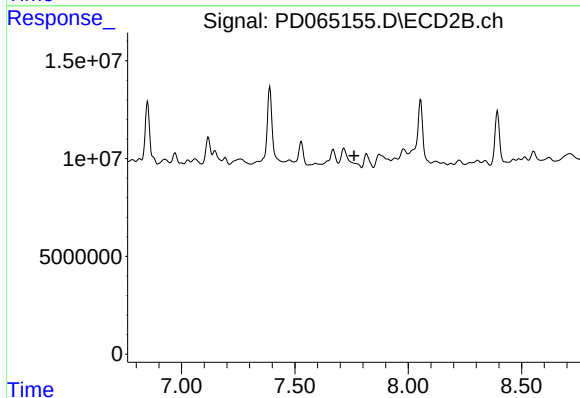
Conc: N.D.



#21 Endrin ketone

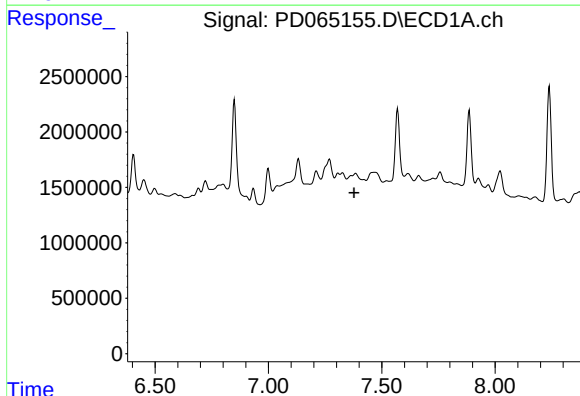
R.T.: 7.211 min
Delta R.T.: 0.019 min
Response: 789720
Conc: 0.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
2021-08-12-FD-03



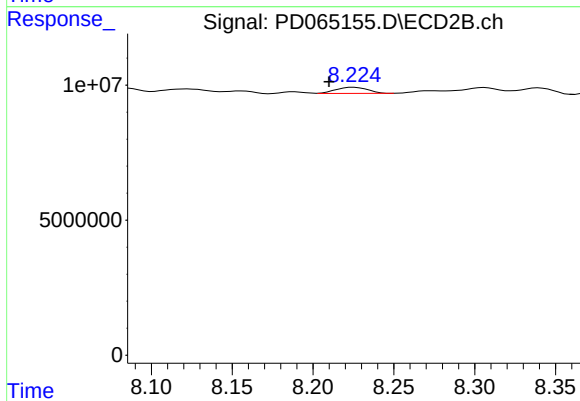
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 7.761 min
Response: 0
Conc: N.D.



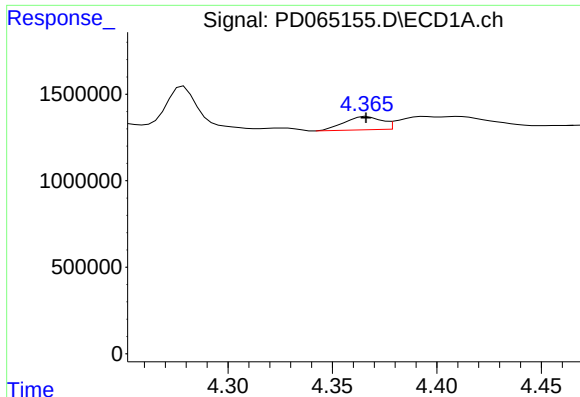
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.378 min
Response: 0
Conc: N.D.



#22 Mirex

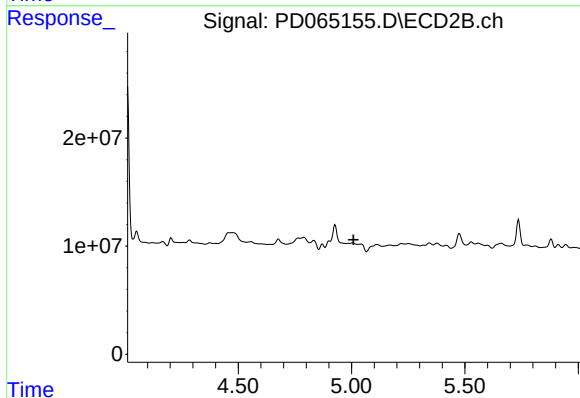
R.T.: 8.225 min
Delta R.T.: 0.015 min
Response: 3097639
Conc: 0.70 ng/ml



#23 Chlordane-1

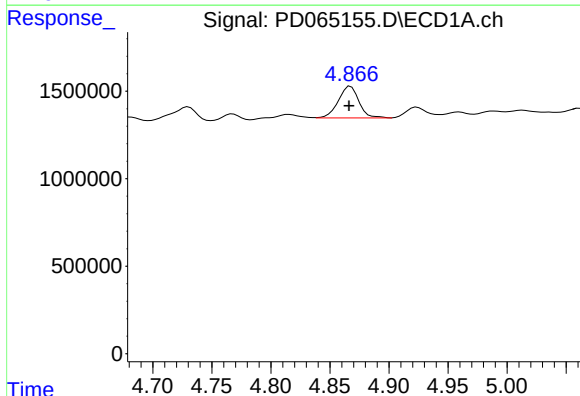
R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 950657
Conc: 25.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
2021-08-12-FD-03



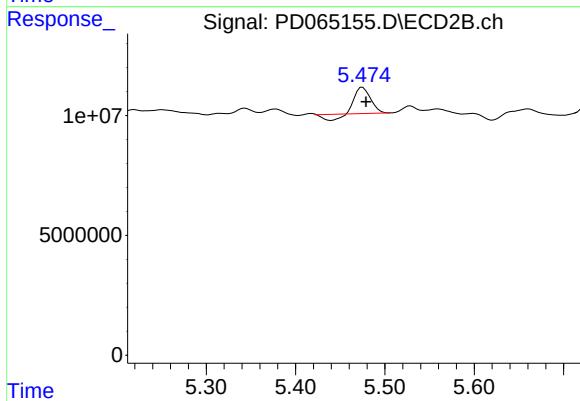
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.009 min
Response: 0
Conc: N.D.



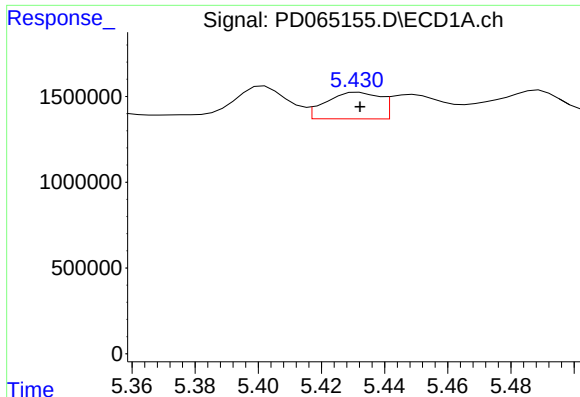
#24 Chlordane-2

R.T.: 4.868 min
Delta R.T.: 0.002 min
Response: 2197957
Conc: 50.36 ng/ml



#24 Chlordane-2

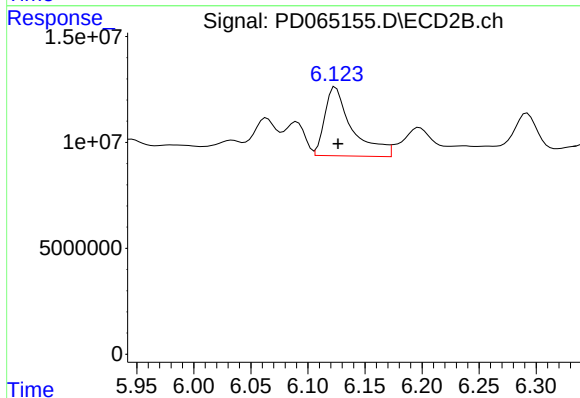
R.T.: 5.475 min
Delta R.T.: -0.004 min
Response: 11011538
Conc: 35.20 ng/ml



#25 Chlordane-3

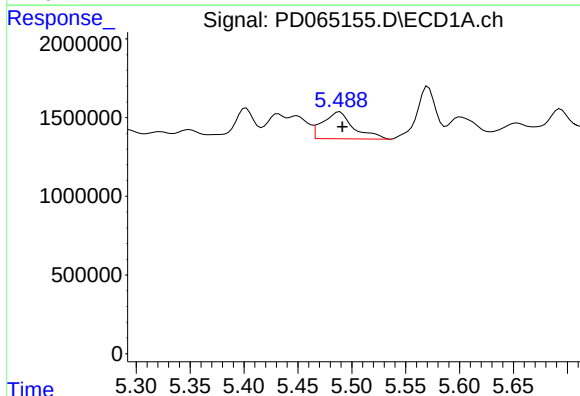
R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 1823413
Conc: 16.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
2021-08-12-FD-03



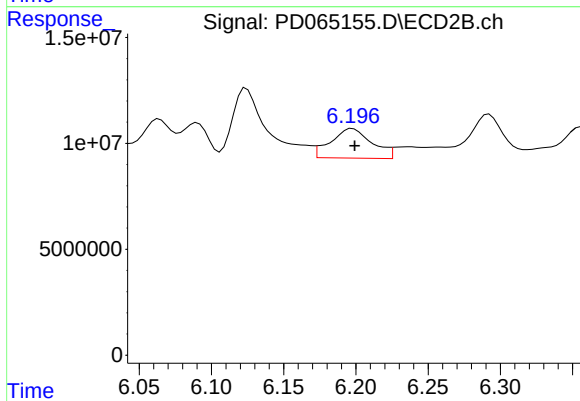
#25 Chlordane-3

R.T.: 6.124 min
Delta R.T.: -0.002 min
Response: 54059520
Conc: 52.29 ng/ml



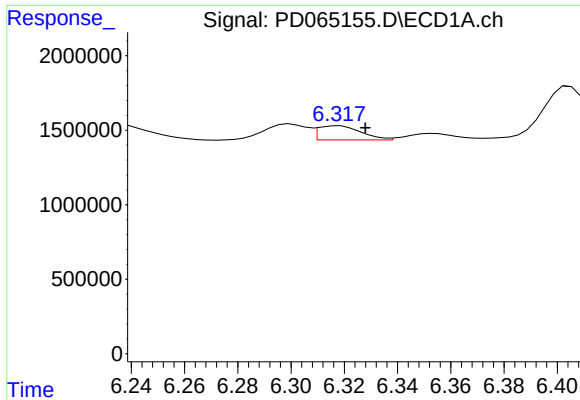
#26 Chlordane-4

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 3366280
Conc: 36.67 ng/ml



#26 Chlordane-4

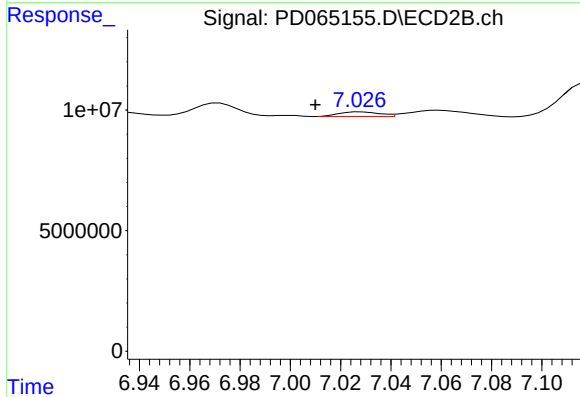
R.T.: 6.198 min
Delta R.T.: -0.001 min
Response: 27558167
Conc: 22.92 ng/ml



#27 Chlordane-5

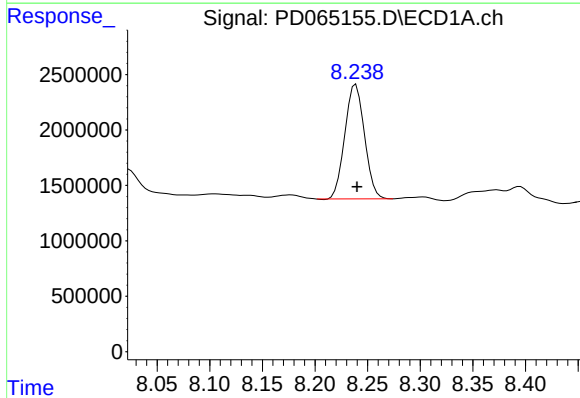
R.T.: 6.318 min
Delta R.T.: -0.010 min
Response: 1060113
Conc: 23.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
2021-08-12-FD-03



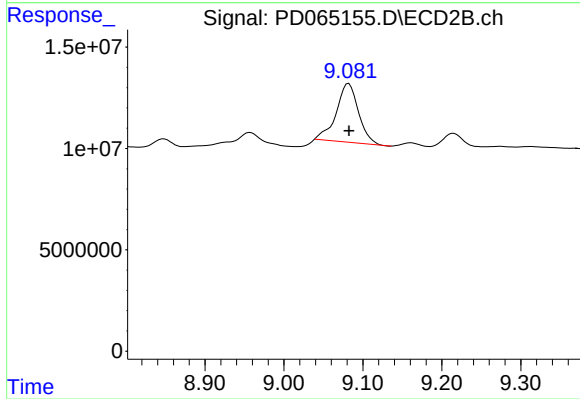
#27 Chlordane-5

R.T.: 7.028 min
Delta R.T.: 0.018 min
Response: 2186544
Conc: 9.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.239 min
Delta R.T.: -0.001 min
Response: 13446811
Conc: 11.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.082 min
Delta R.T.: 0.000 min
Response: 56159628
Conc: 11.87 ng/ml