

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031021\
 Data File : PD061527.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2021 17:03
 Operator : AR\AJ
 Sample : M1458-01
 Misc : PEST LOD 1 PPB
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 04:46:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031021.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 11 04:34:41 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...	3.486	3.982	16135087	168.1E6	20.129	20.153
28)	SA Decachlor...	8.256	9.036	25181208	179.9E6	20.881	20.848
Target Compounds							
2)	A alpha-BHC	3.925	4.374	1501205	15515172	1.218	1.197
3)	MA gamma-BHC...	4.210	4.654	1576352	11258068	1.339	0.928 #
4)	MA Heptachlor	4.514	5.163	990991	16743228	0.799	1.314 #
5)	MB Aldrin	4.764	5.467	1188603	15685999	1.015	1.312 #
7)	B delta-BHC	4.667	5.015f	545885	66313403	0.462	5.530 #
8)	B Heptachlo...	5.207	5.855	1217914	17596649	1.072	1.617 #
9)	A Endosulfan I	5.548	6.209	1174269	13488142	1.081	1.296
10)	B gamma-Chl...	5.435	6.087	1312347	14322873	1.128	1.267
11)	B alpha-Chl...	5.493	6.159	1188793	14206324	1.027	1.303 #
12)	B 4,4'-DDE	5.657	6.315	1077991	12426415	0.982	1.119
13)	MA Dieldrin	5.792	6.466	1122097	14617368	0.978	1.323 #
14)	MA Endrin	6.049	6.683	1198563	7957224	1.135	0.849 #
15)	B Endosulfa...	6.323	6.892	2409382	16318149	2.411	1.825
16)	A 4,4'-DDD	6.174	6.804	703410	14655190	0.757	1.637 #
17)	MA 4,4'-DDT	6.416	7.103	1675824	20649267	1.685	2.233 #
18)	B Endrin al...	6.491	7.015	1263756	14759374	1.530	2.055 #
19)	B Endosulfa...	6.701	7.239	1256586	15290816	1.209	1.660 #
20)	A Methoxychlor	6.963	7.560	341232	2764288	0.605	0.597
21)	B Endrin ke...	7.198	7.708	943145	14407706	0.763	1.562 #
22)	Mirex	7.391	8.163	1936079	12810048	1.953	2.109
23)	Chlordane-1	4.387f	4.982	290657	7162235	8.048	17.285 #
24)	Chlordane-2	0.000	5.467f	0	15685999	N.D.	39.009 #
25)	Chlordane-3	5.435	6.087	1312347	14322873	10.467	8.231
26)	Chlordane-4	5.493	6.159	1188793	14206324	11.391	7.044 #
27)	Chlordane-5	6.323	6.959	2409382	1169097	49.747	3.068 #

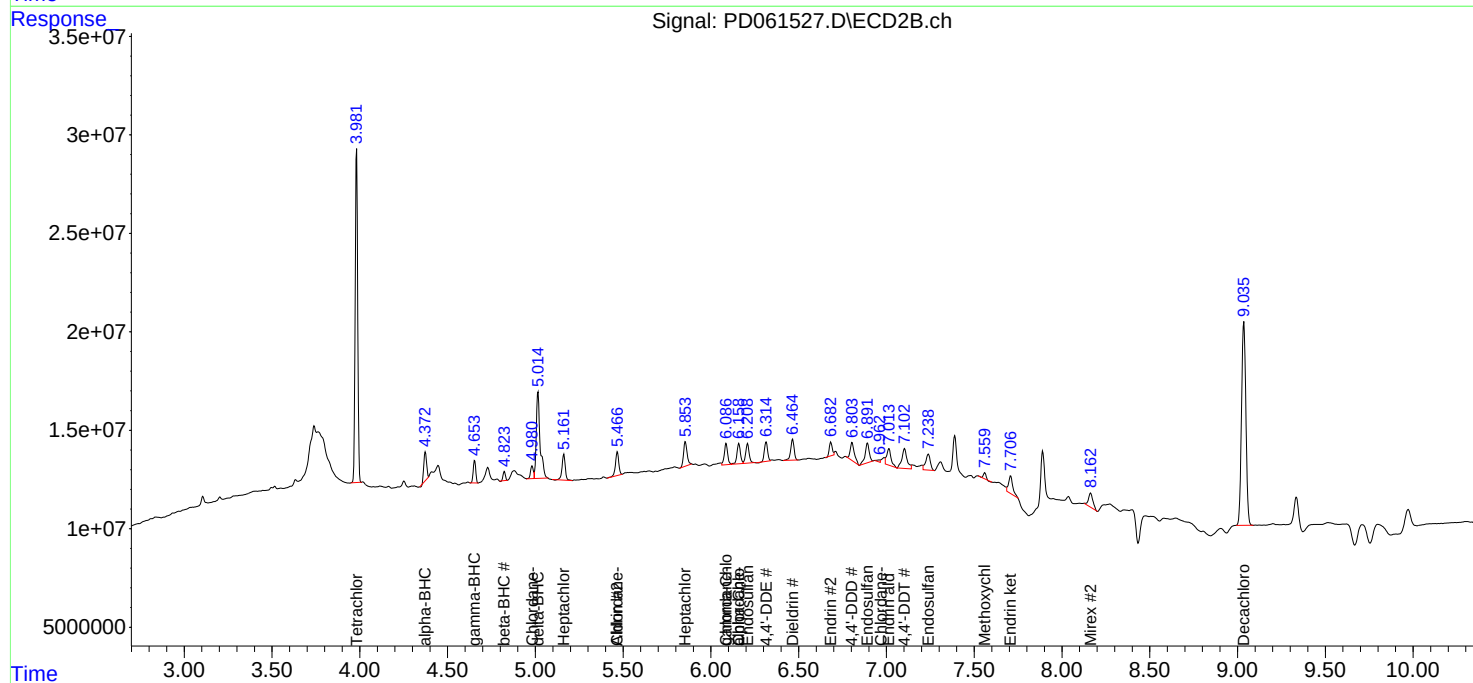
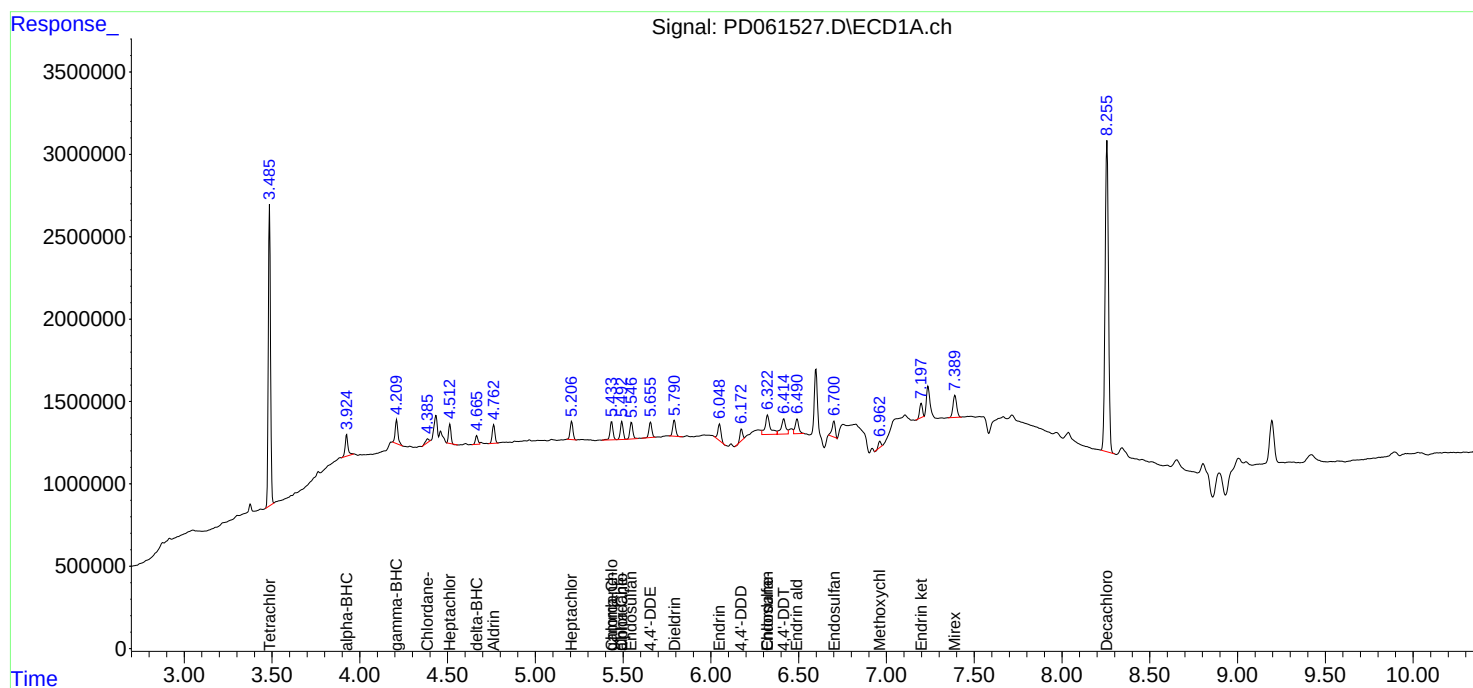
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

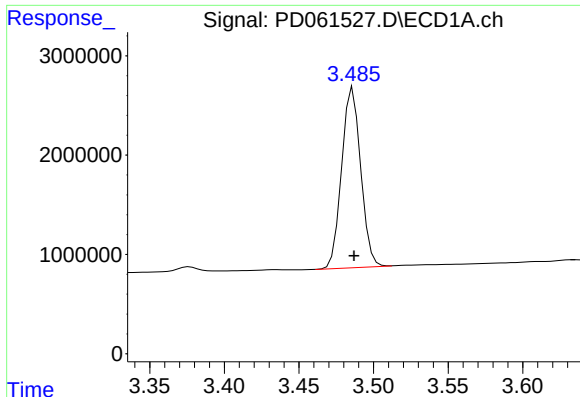
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031021\
 Data File : PD061527.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2021 17:03
 Operator : AR\AJ
 Sample : M1458-01
 Misc : PEST LOD 1 PPB
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 04:46:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031021.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 11 04:34:41 2021
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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

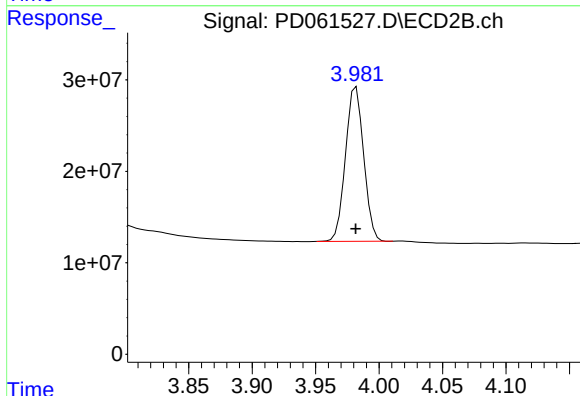




#1 Tetrachloro-m-xylene

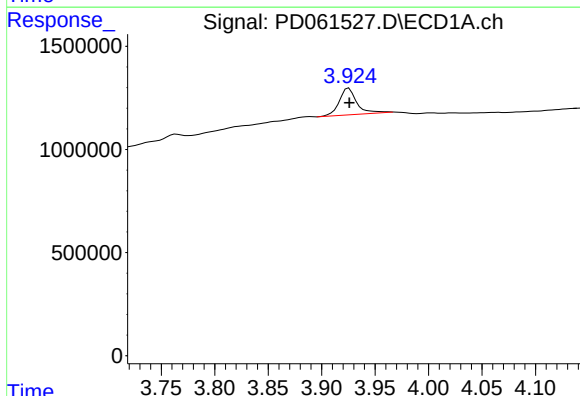
R.T.: 3.486 min
Delta R.T.: 0.000 min
Response: 16135087
Conc: 20.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



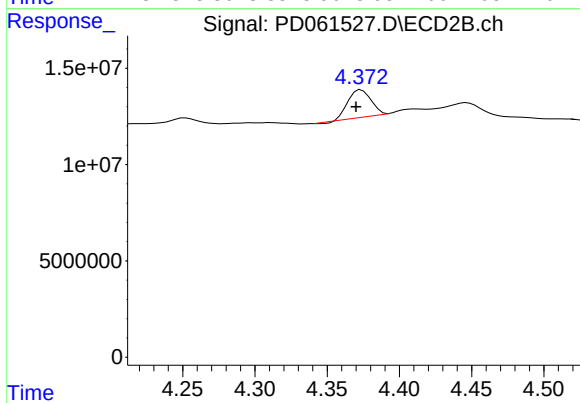
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 168137671
Conc: 20.15 ng/ml



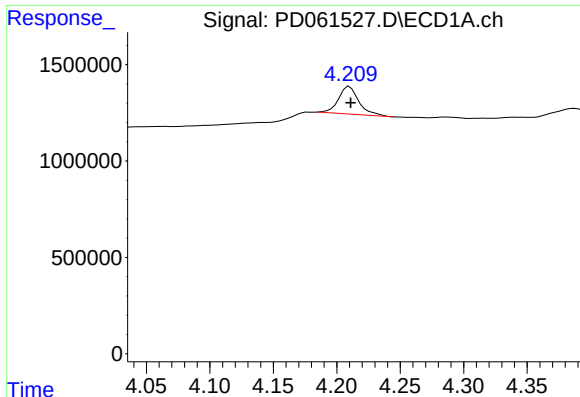
#2 alpha-BHC

R.T.: 3.925 min
Delta R.T.: 0.000 min
Response: 1501205
Conc: 1.22 ng/ml



#2 alpha-BHC

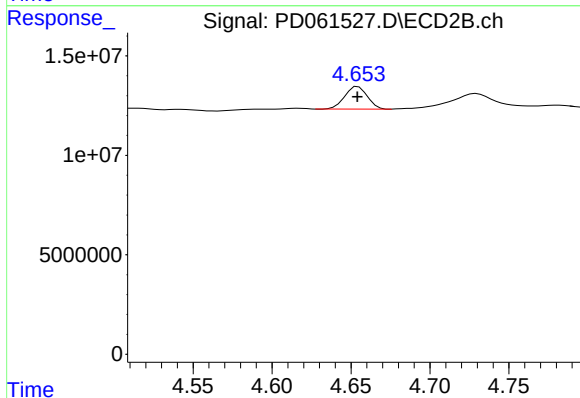
R.T.: 4.374 min
Delta R.T.: 0.004 min
Response: 15515172
Conc: 1.20 ng/ml



#3 gamma-BHC (Lindane)

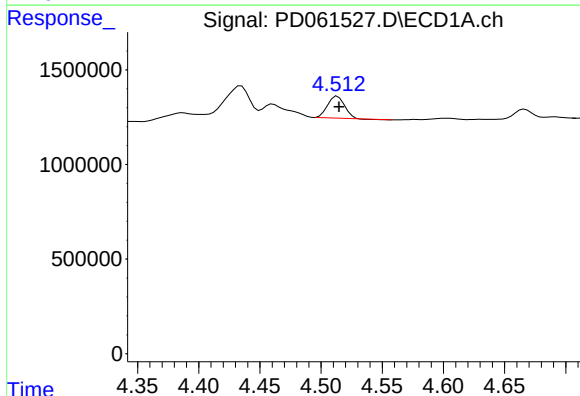
R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 1576352
Conc: 1.34 ng/ml

Instrument :
ECD_D
ClientSampleId :



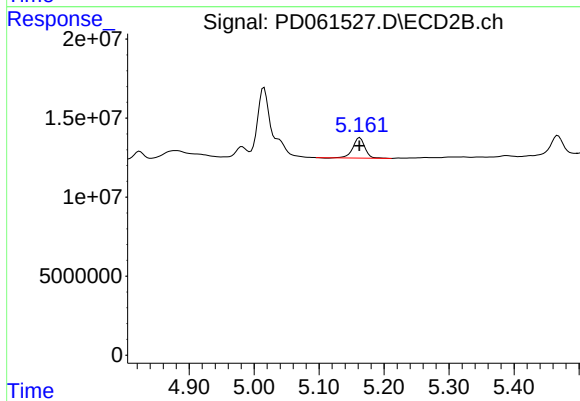
#3 gamma-BHC (Lindane)

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 11258068
Conc: 0.93 ng/ml



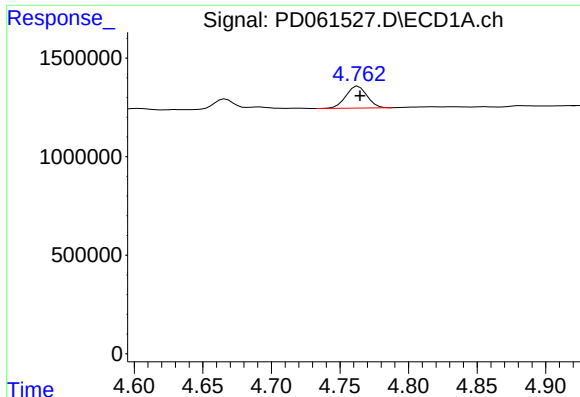
#4 Heptachlor

R.T.: 4.514 min
Delta R.T.: -0.001 min
Response: 990991
Conc: 0.80 ng/ml



#4 Heptachlor

R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 16743228
Conc: 1.31 ng/ml



#5 Aldrin

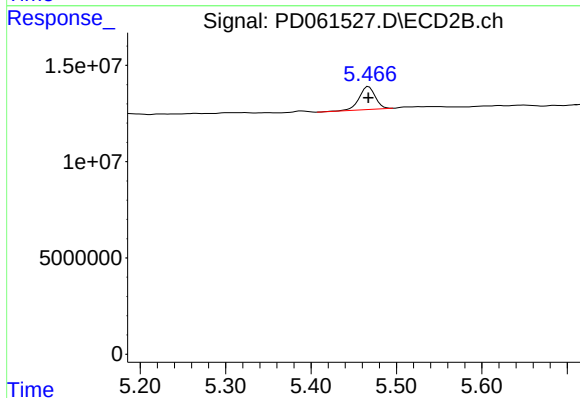
R.T.: 4.764 min

Delta R.T.: -0.001 min

Response: 1188603

Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :



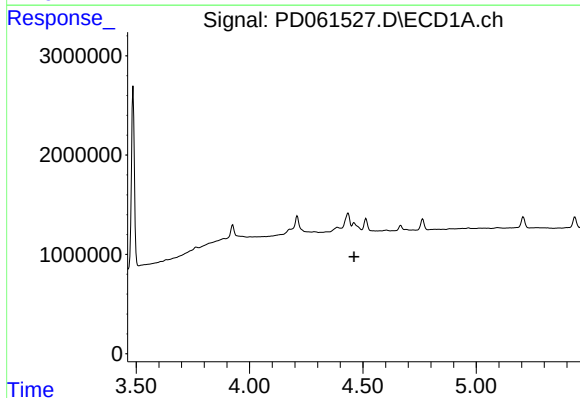
#5 Aldrin

R.T.: 5.467 min

Delta R.T.: 0.000 min

Response: 15685999

Conc: 1.31 ng/ml



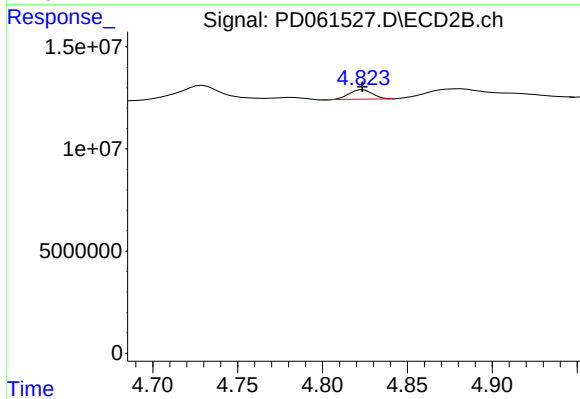
#6 beta-BHC

R.T.: 4.461 min

Delta R.T.: 0.000 min

Response: -607948

Conc: N.D.



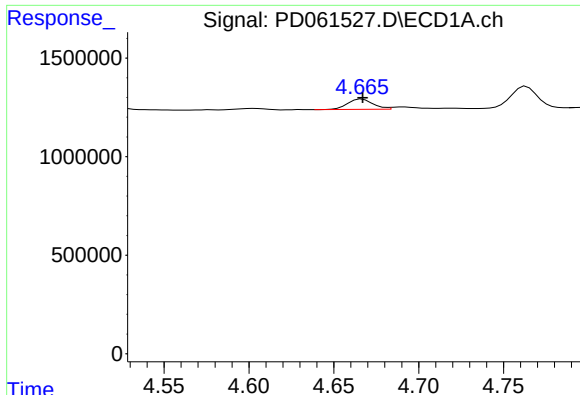
#6 beta-BHC

R.T.: 4.824 min

Delta R.T.: 0.000 min

Response: 4249035

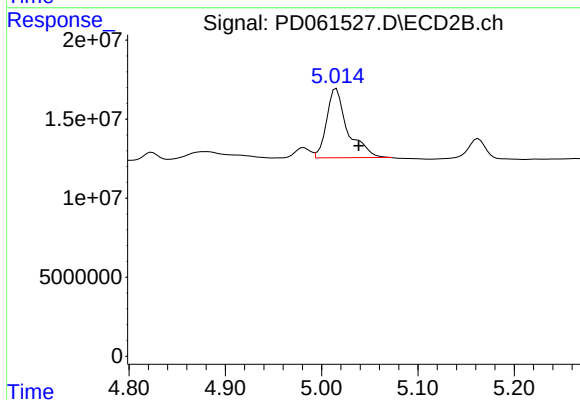
Conc: 0.87 ng/ml



#7 delta-BHC

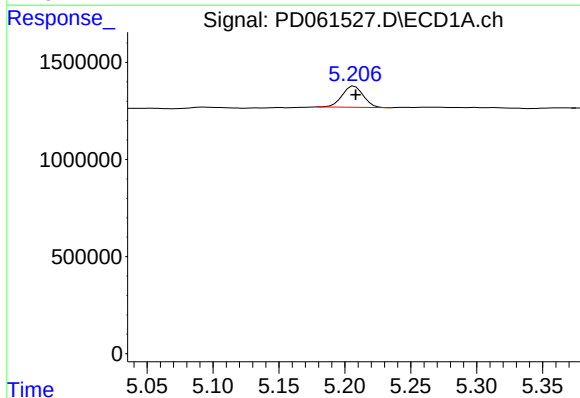
R.T.: 4.667 min
Delta R.T.: 0.000 min
Response: 545885
Conc: 0.46 ng/ml

Instrument :
ECD_D
ClientSampleId :



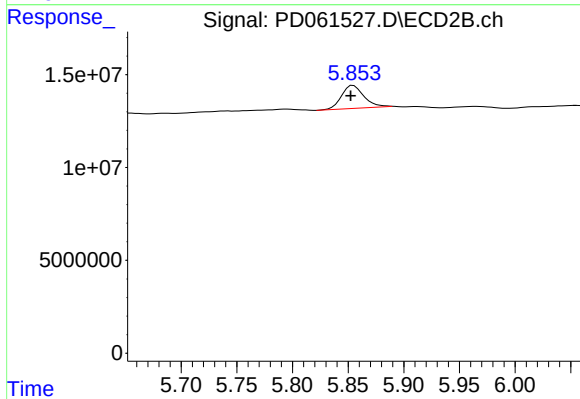
#7 delta-BHC

R.T.: 5.015 min
Delta R.T.: -0.023 min
Response: 66313403
Conc: 5.53 ng/ml



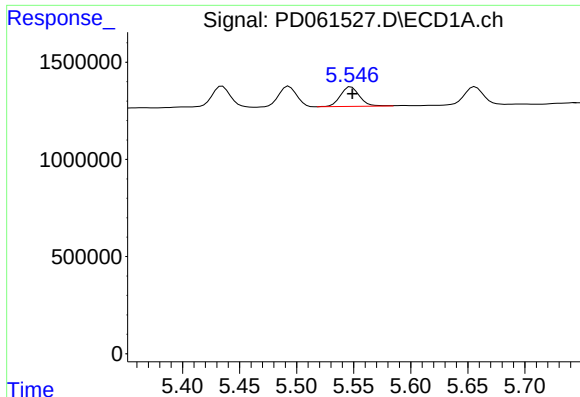
#8 Heptachlor epoxide

R.T.: 5.207 min
Delta R.T.: -0.001 min
Response: 1217914
Conc: 1.07 ng/ml



#8 Heptachlor epoxide

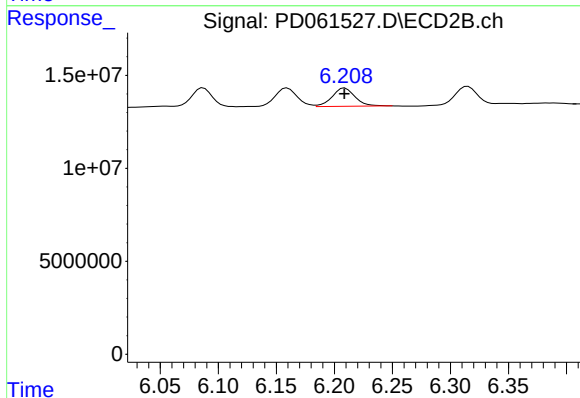
R.T.: 5.855 min
Delta R.T.: 0.002 min
Response: 17596649
Conc: 1.62 ng/ml



#9 Endosulfan I

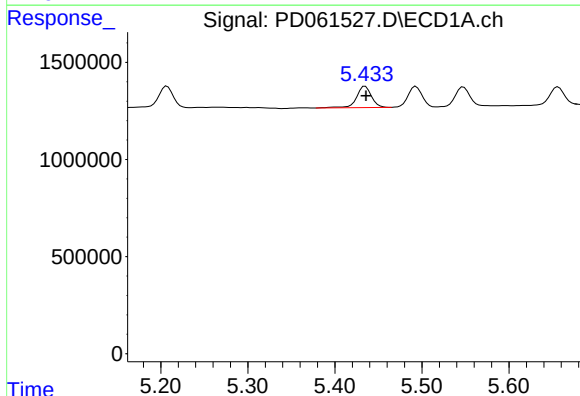
R.T.: 5.548 min
Delta R.T.: -0.001 min
Response: 1174269
Conc: 1.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



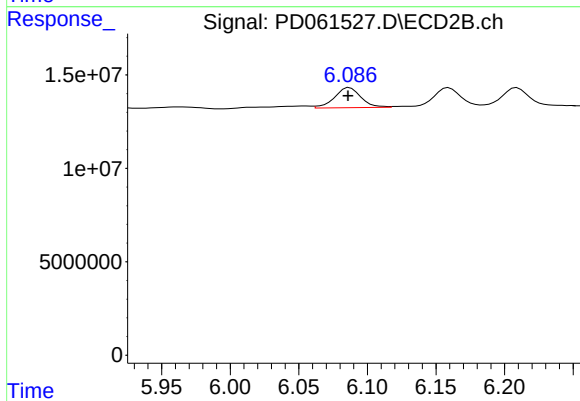
#9 Endosulfan I

R.T.: 6.209 min
Delta R.T.: 0.000 min
Response: 13488142
Conc: 1.30 ng/ml



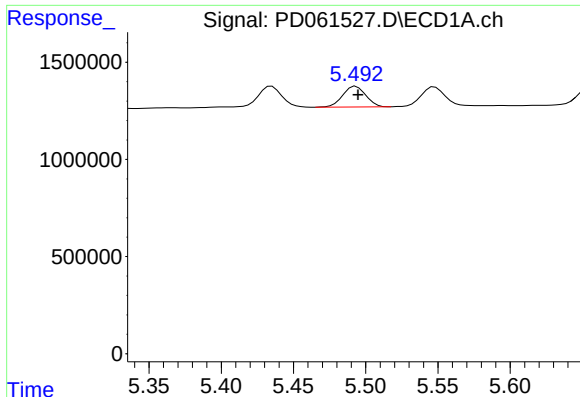
#10 gamma-Chlordane

R.T.: 5.435 min
Delta R.T.: -0.001 min
Response: 1312347
Conc: 1.13 ng/ml



#10 gamma-Chlordane

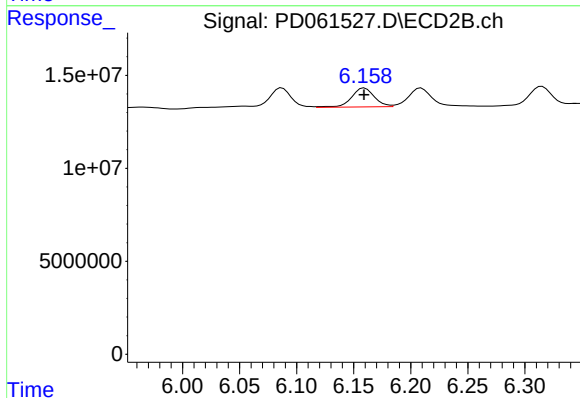
R.T.: 6.087 min
Delta R.T.: 0.001 min
Response: 14322873
Conc: 1.27 ng/ml



#11 alpha-Chlordane

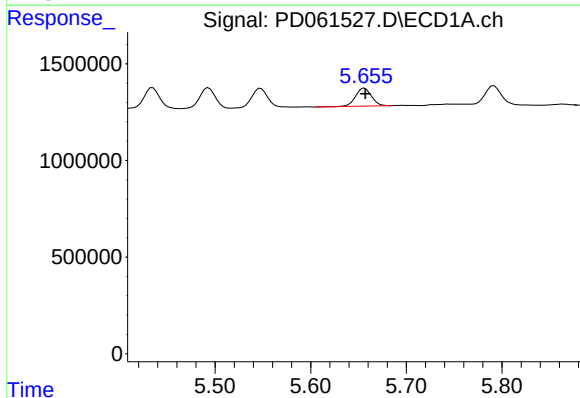
R.T.: 5.493 min
Delta R.T.: -0.001 min
Response: 1188793
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



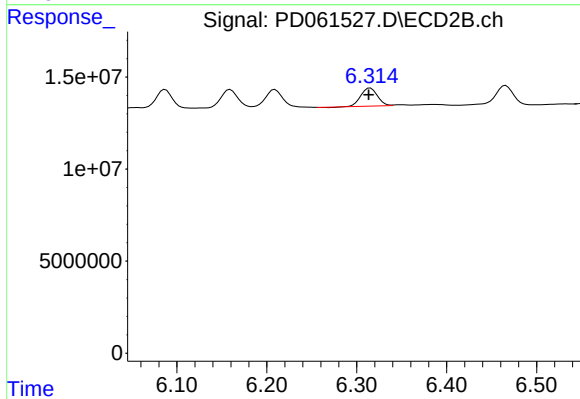
#11 alpha-Chlordane

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 14206324
Conc: 1.30 ng/ml



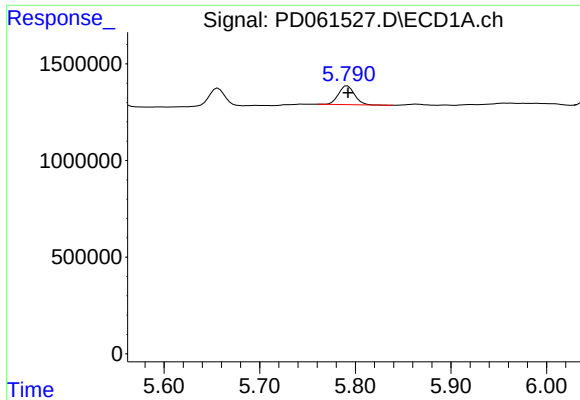
#12 4,4'-DDE

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 1077991
Conc: 0.98 ng/ml



#12 4,4'-DDE

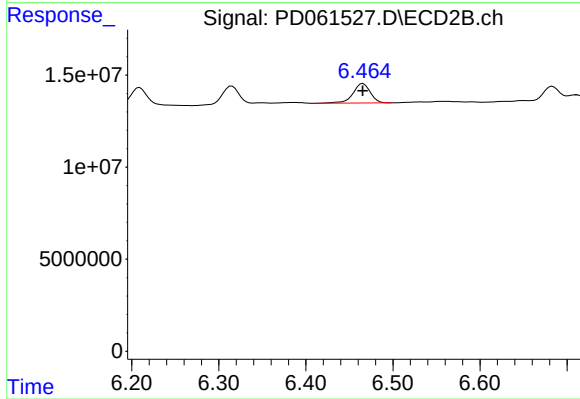
R.T.: 6.315 min
Delta R.T.: 0.002 min
Response: 12426415
Conc: 1.12 ng/ml



#13 Dieldrin

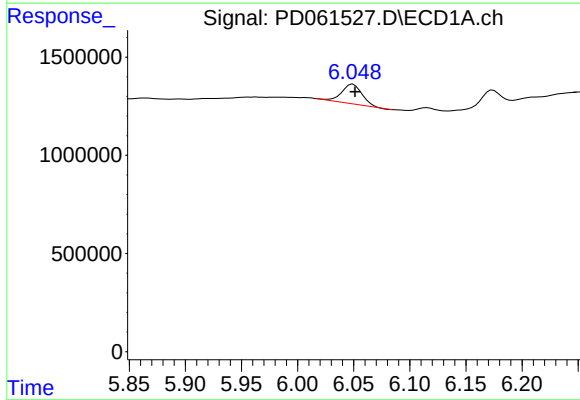
R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 1122097
Conc: 0.98 ng/ml

Instrument :
ECD_D
ClientSampleId :



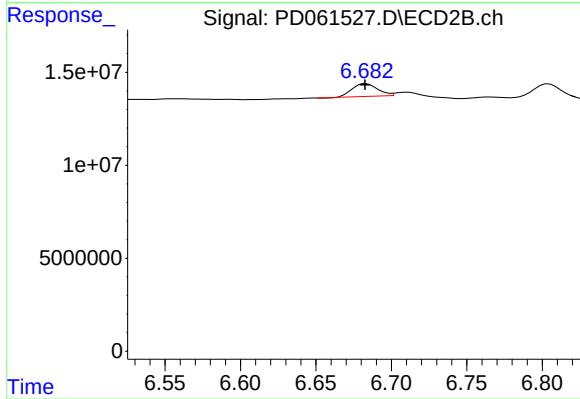
#13 Dieldrin

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 14617368
Conc: 1.32 ng/ml



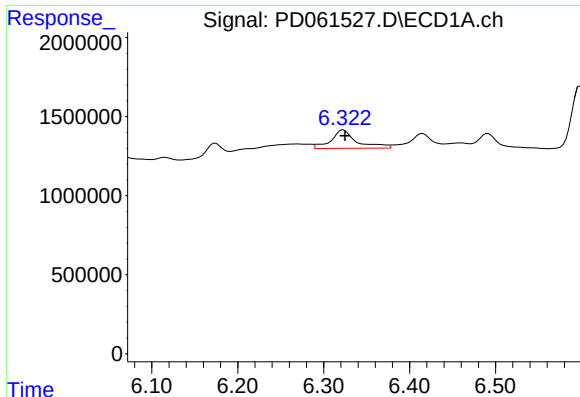
#14 Endrin

R.T.: 6.049 min
Delta R.T.: -0.002 min
Response: 1198563
Conc: 1.13 ng/ml



#14 Endrin

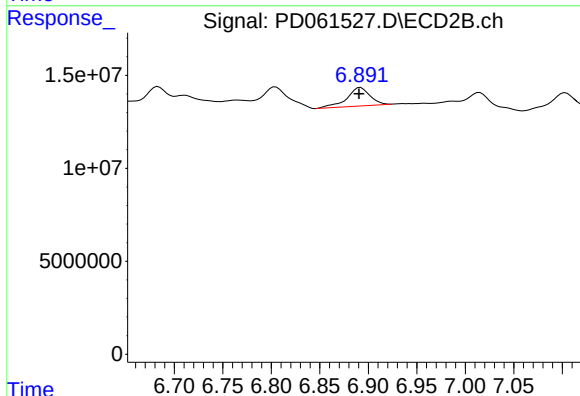
R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 7957224
Conc: 0.85 ng/ml



#15 Endosulfan II

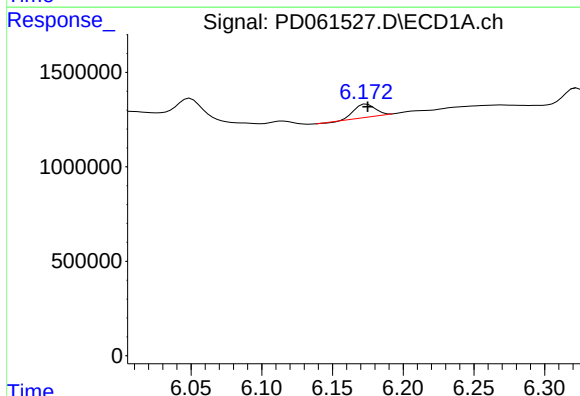
R.T.: 6.323 min
Delta R.T.: -0.002 min
Response: 2409382
Conc: 2.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



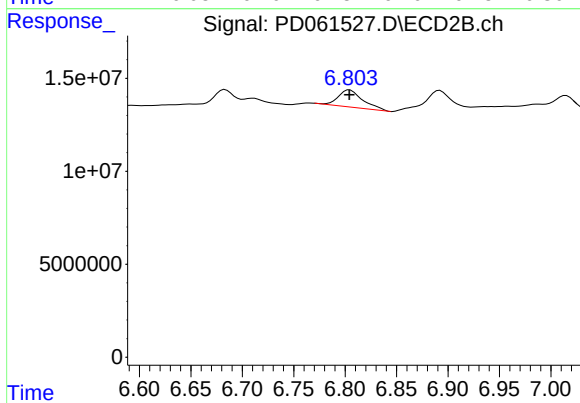
#15 Endosulfan II

R.T.: 6.892 min
Delta R.T.: 0.001 min
Response: 16318149
Conc: 1.82 ng/ml



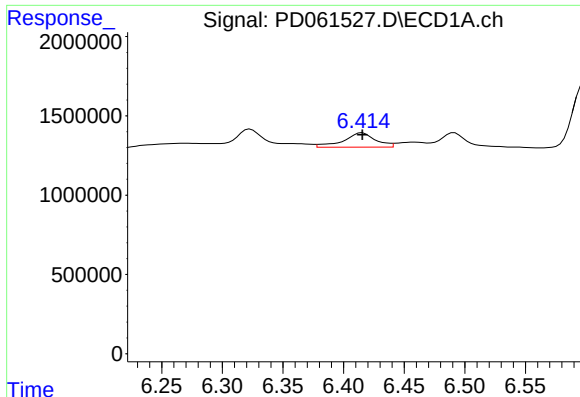
#16 4,4'-DDD

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 703410
Conc: 0.76 ng/ml



#16 4,4'-DDD

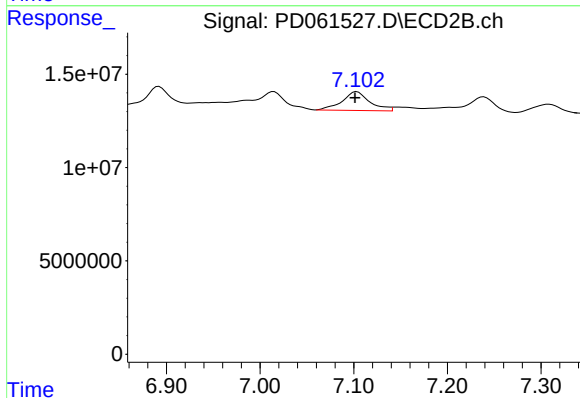
R.T.: 6.804 min
Delta R.T.: 0.000 min
Response: 14655190
Conc: 1.64 ng/ml



#17 4,4'-DDT

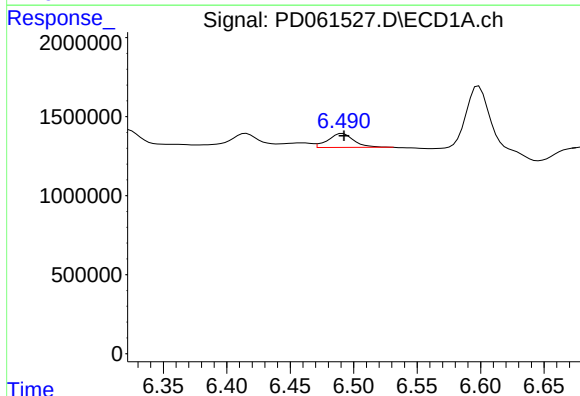
R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 1675824
Conc: 1.69 ng/ml

Instrument :
ECD_D
ClientSampleId :



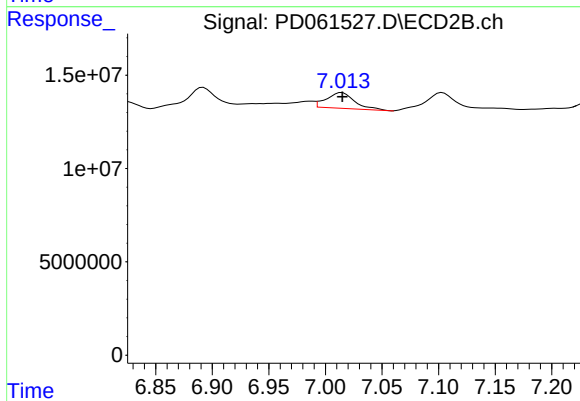
#17 4,4'-DDT

R.T.: 7.103 min
Delta R.T.: 0.002 min
Response: 20649267
Conc: 2.23 ng/ml



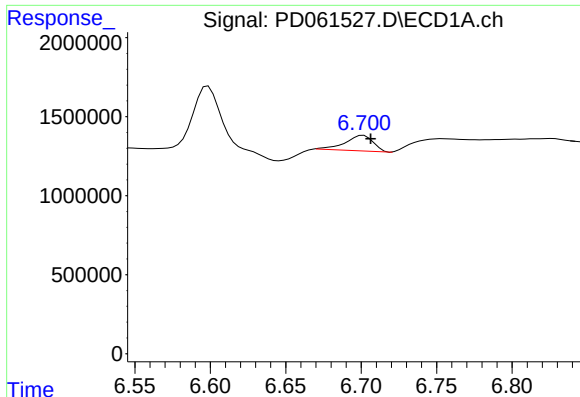
#18 Endrin aldehyde

R.T.: 6.491 min
Delta R.T.: -0.001 min
Response: 1263756
Conc: 1.53 ng/ml



#18 Endrin aldehyde

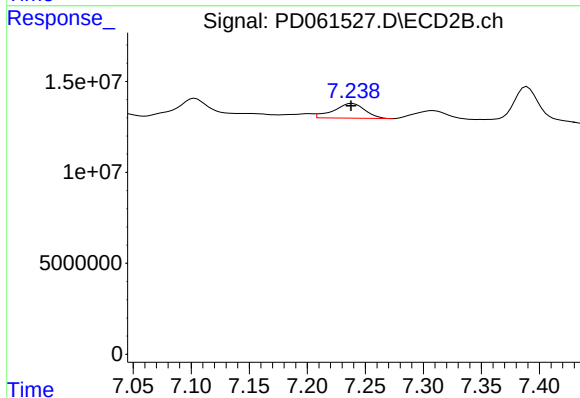
R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 14759374
Conc: 2.05 ng/ml



#19 Endosulfan Sulfate

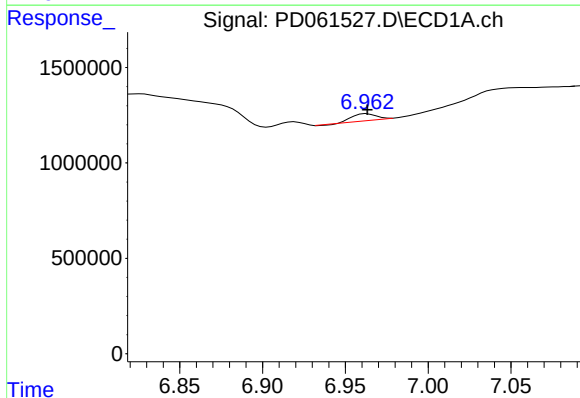
R.T.: 6.701 min
Delta R.T.: -0.005 min
Response: 1256586
Conc: 1.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



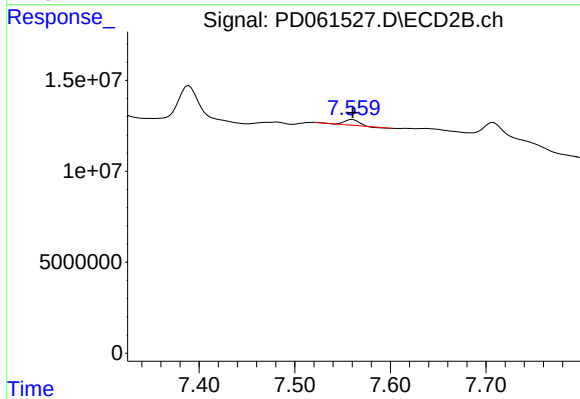
#19 Endosulfan Sulfate

R.T.: 7.239 min
Delta R.T.: 0.001 min
Response: 15290816
Conc: 1.66 ng/ml



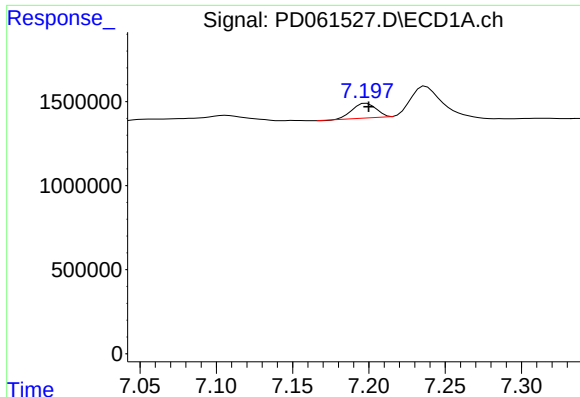
#20 Methoxychlor

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 341232
Conc: 0.61 ng/ml



#20 Methoxychlor

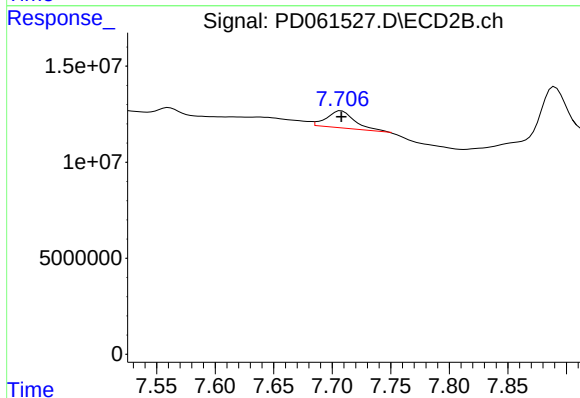
R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 2764288
Conc: 0.60 ng/ml



#21 Endrin ketone

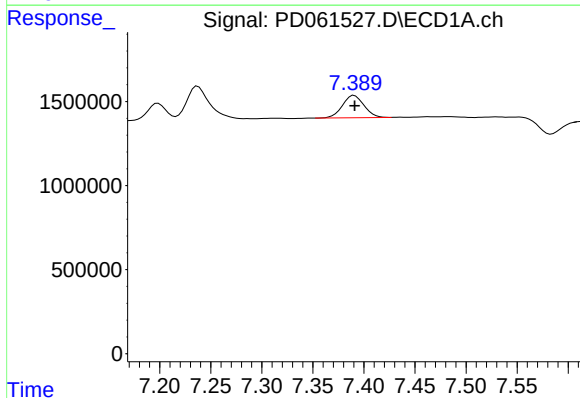
R.T.: 7.198 min
Delta R.T.: -0.001 min
Response: 943145
Conc: 0.76 ng/ml

Instrument :
ECD_D
ClientSampleId :



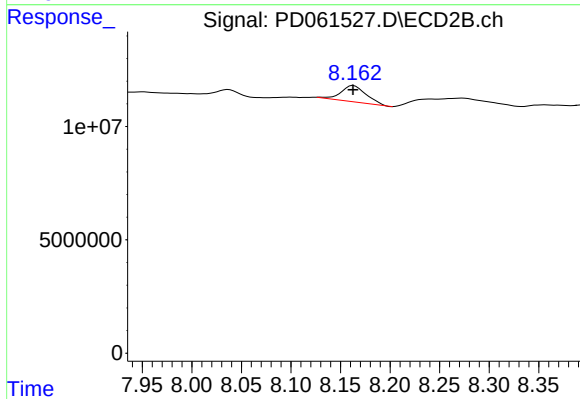
#21 Endrin ketone

R.T.: 7.708 min
Delta R.T.: 0.000 min
Response: 14407706
Conc: 1.56 ng/ml



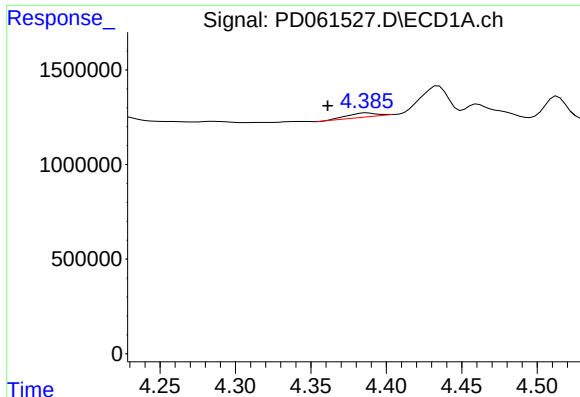
#22 Mirex

R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 1936079
Conc: 1.95 ng/ml



#22 Mirex

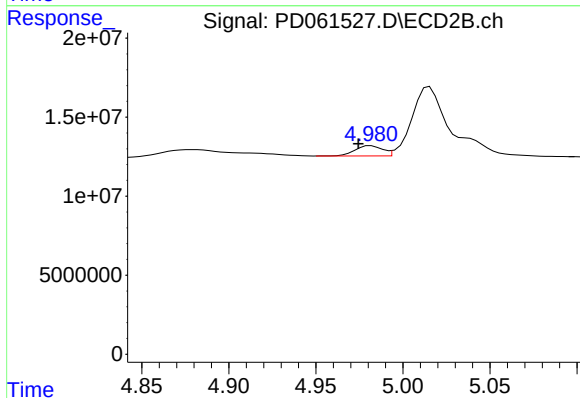
R.T.: 8.163 min
Delta R.T.: 0.000 min
Response: 12810048
Conc: 2.11 ng/ml



#23 Chlordane-1

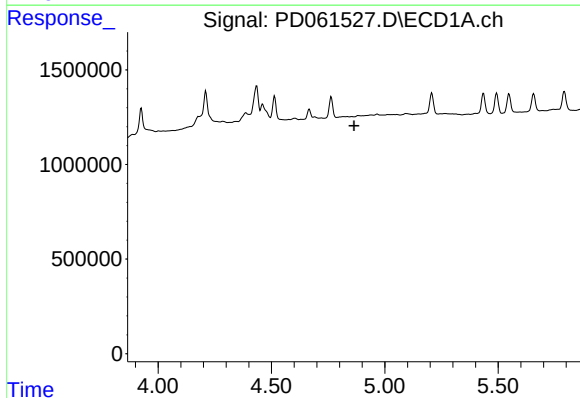
R.T.: 4.387 min
Delta R.T.: 0.026 min
Response: 290657
Conc: 8.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



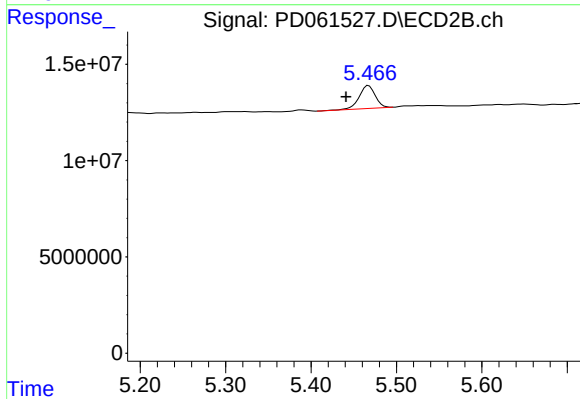
#23 Chlordane-1

R.T.: 4.982 min
Delta R.T.: 0.007 min
Response: 7162235
Conc: 17.28 ng/ml



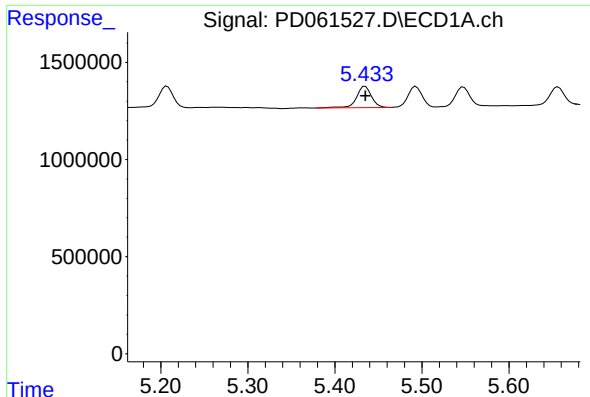
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.864 min
Response: 0
Conc: N.D.



#24 Chlordane-2

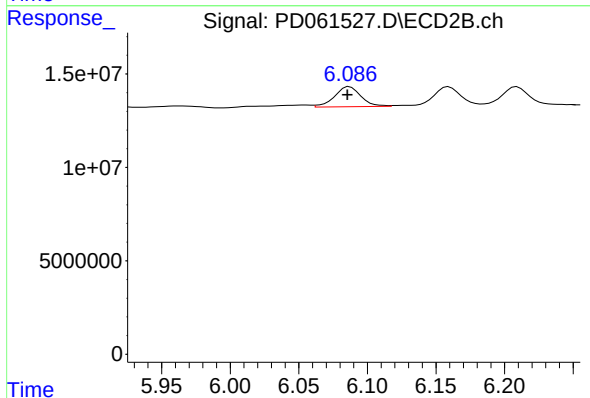
R.T.: 5.467 min
Delta R.T.: 0.026 min
Response: 15685999
Conc: 39.01 ng/ml



#25 Chlordane-3

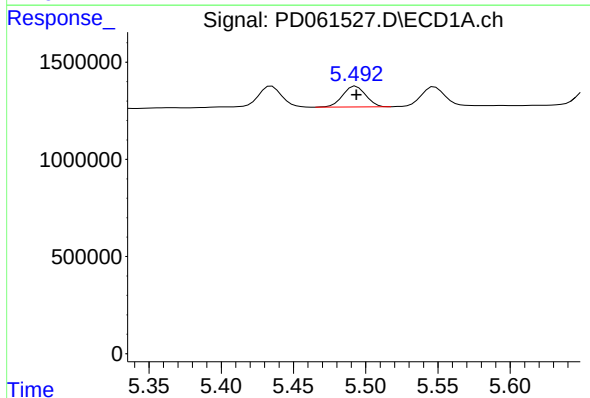
R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 1312347
Conc: 10.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



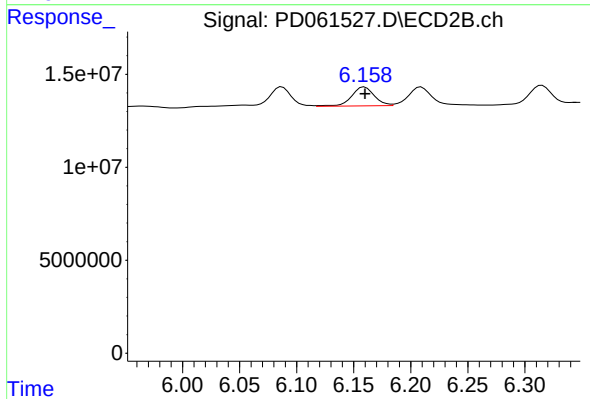
#25 Chlordane-3

R.T.: 6.087 min
Delta R.T.: 0.002 min
Response: 14322873
Conc: 8.23 ng/ml



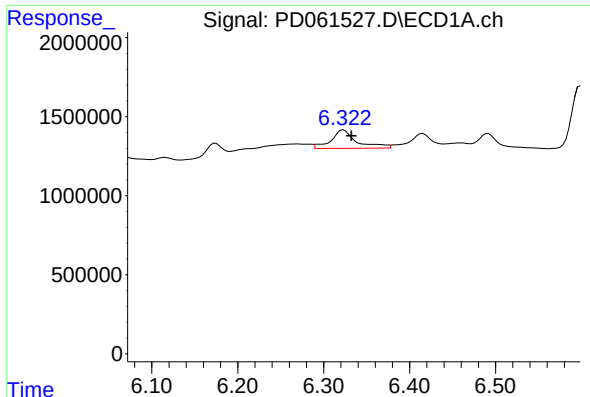
#26 Chlordane-4

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 1188793
Conc: 11.39 ng/ml



#26 Chlordane-4

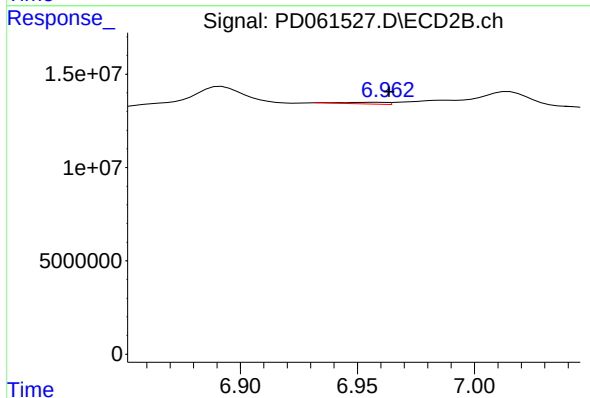
R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 14206324
Conc: 7.04 ng/ml



#27 Chlordane-5

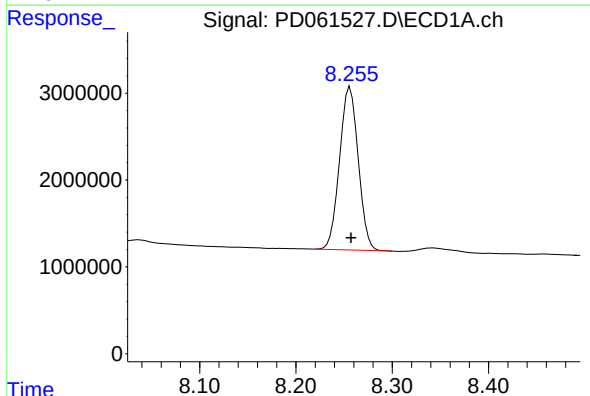
R.T.: 6.323 min
Delta R.T.: -0.010 min
Response: 2409382
Conc: 49.75 ng/ml

Instrument :
ECD_D
ClientSampleId :



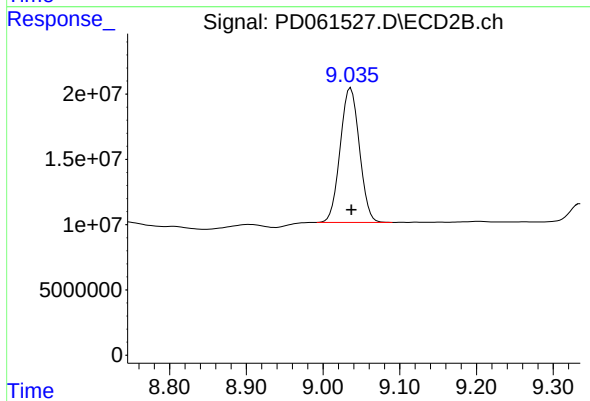
#27 Chlordane-5

R.T.: 6.959 min
Delta R.T.: -0.005 min
Response: 1169097
Conc: 3.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.256 min
Delta R.T.: 0.000 min
Response: 25181208
Conc: 20.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.036 min
Delta R.T.: 0.000 min
Response: 179880909
Conc: 20.85 ng/ml