

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030922\
 Data File : PD068431.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Mar 2022 19:25
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 02:05:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030122.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 06:48:49 2022
 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...	3.450	4.177	25494668	211.7E6	21.748	22.053
28)	SA Decachlor...	8.212	9.374	27830306	134.8E6	23.915	22.729
Target Compounds							
2)	A alpha-BHC	3.890	4.572	18044317	156.8E6	10.516	11.428
3)	MA gamma-BHC...	4.173	4.863	16797565	141.7E6	10.548	11.427
4)	MA Heptachlor	0.000	5.383	0	58906	N.D.	0.005 #
5)	MB Aldrin	4.718	5.721f	156282	330085	0.100	0.028 #
6)	B beta-BHC	4.423	5.026	8582191	66241434	12.231	12.255
7)	B delta-BHC	4.651f	5.227f	197141	12168321	0.122	0.978 #
8)	B Heptachlo...	0.000	6.078	0	116.2E6	N.D.	10.840 #
9)	A Endosulfan I	0.000	6.438f	0	6399525	N.D.	0.663 #
10)	B gamma-Chl...	5.388	6.329	48697	38812395	0.033	3.671 #
11)	B alpha-Chl...	0.000	6.404	0	18291775	N.D.	1.775 #
12)	B 4,4'-DDE	5.616	6.554	4894018	3935146	3.588	0.403 #
13)	MA Dieldrin	0.000	6.713	0	938331	N.D.	0.091 #
14)	MA Endrin	6.006	6.932	74061704	343.9E6	59.953	44.718 #
15)	B Endosulfa...	6.283	7.135	491215	5183777	0.386	0.631 #
16)	A 4,4'-DDD	6.134	7.045	1551860	11214741	1.309	1.425
17)	MA 4,4'-DDT	6.374	7.348	137.8E6	743.3E6	124.965	105.050
18)	B Endrin al...	6.449	7.263	631394	4975796	0.689	0.827
19)	B Endosulfa...	6.647f	7.486	60370	428018	0.048	0.055
20)	A Methoxychlor	6.926	7.800	181.7E6	866.5E6	280.009	249.396
21)	B Endrin ke...	7.154	7.964	180411	9049331	0.123	1.078 #
22)	Mirex	7.363f	8.454f	391009	24647	0.308	0.004 #
23)	Chlordane-1	0.000	5.227f	0	12168321	N.D.	30.046 #
24)	Chlordane-2	0.000	5.642f	0	807798	N.D.	2.009 #
25)	Chlordane-3	5.388	6.329	48697	38812395	0.340	27.293 #
26)	Chlordane-4	0.000	6.404	0	18291775	N.D.	11.349 #
27)	Chlordane-5	6.283	0.000	491215	0	9.973	N.D. #

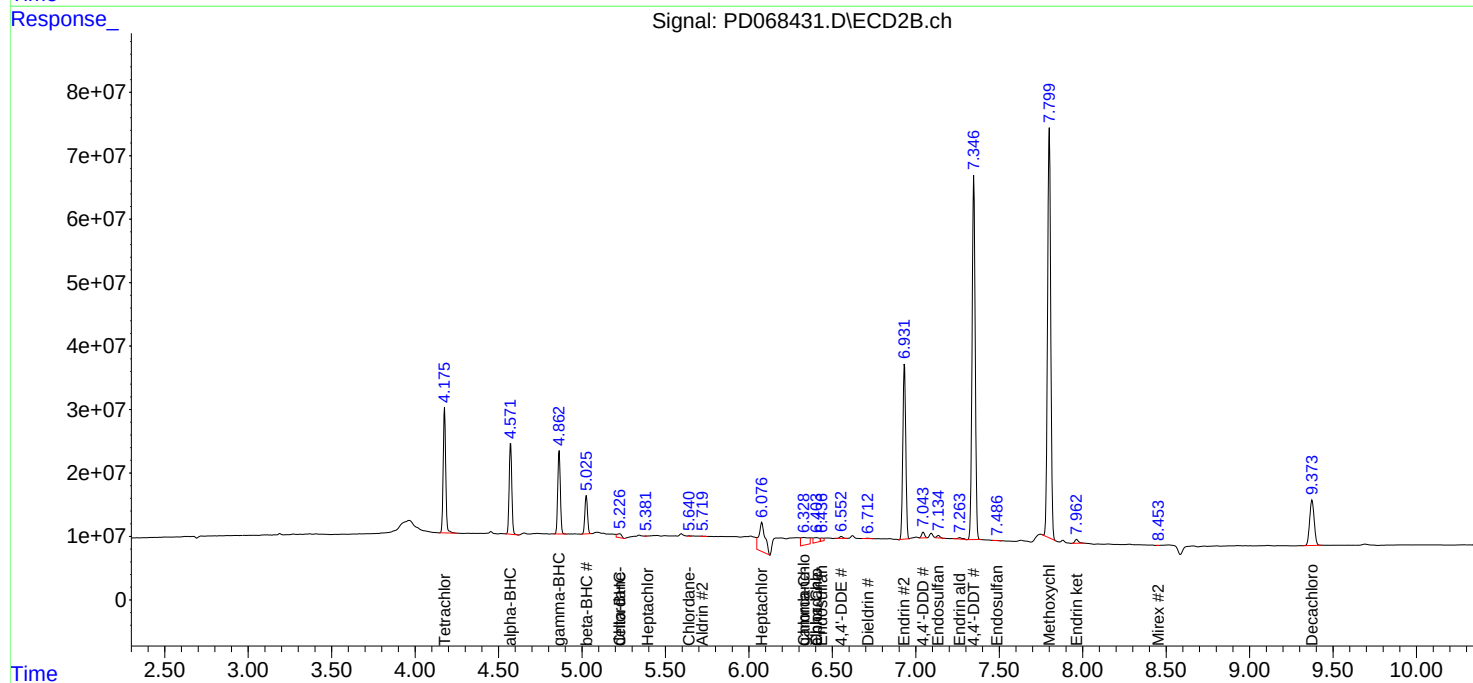
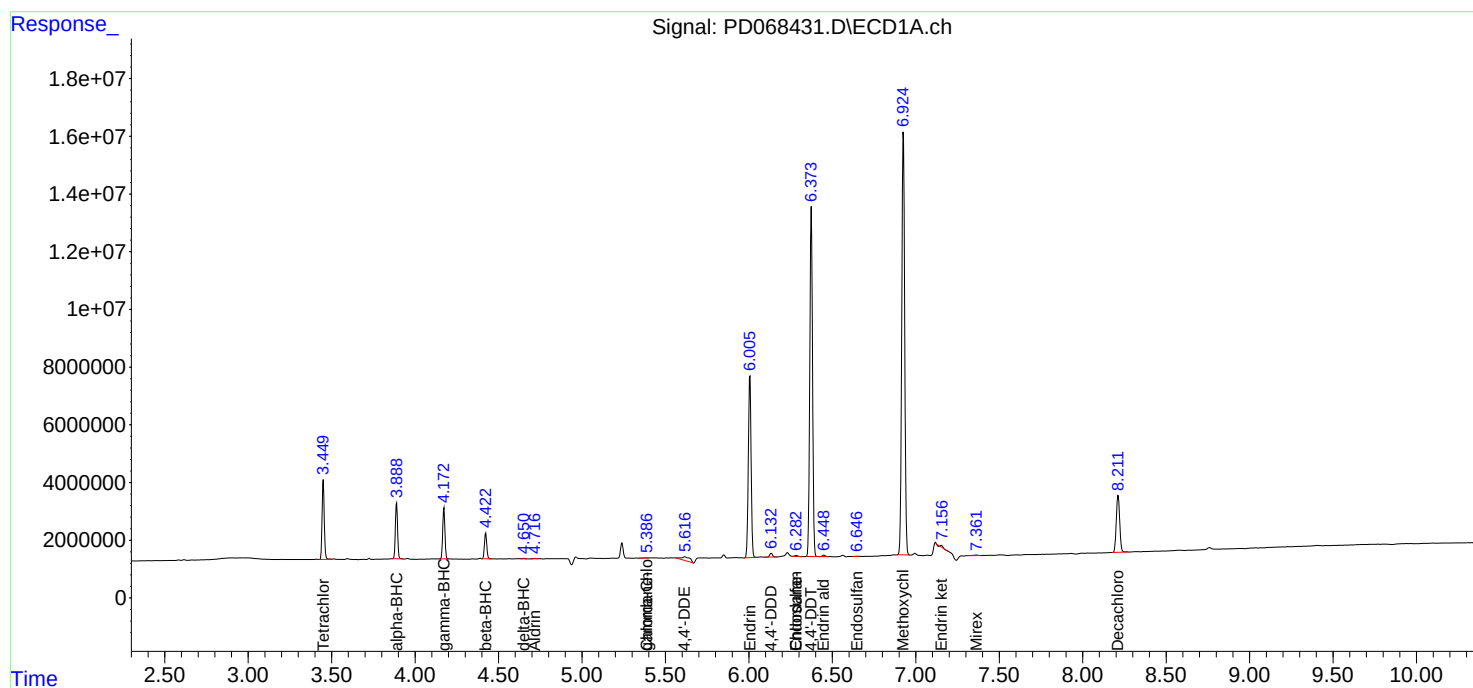
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

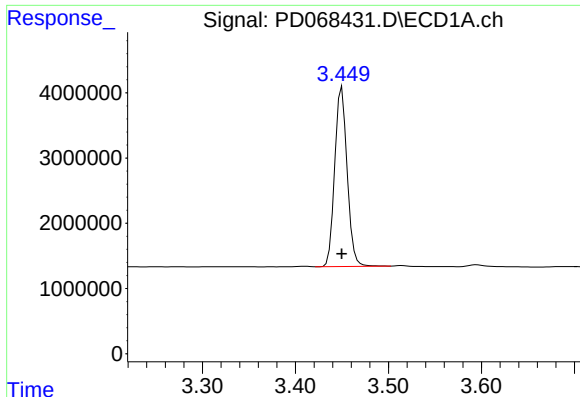
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030922\
Data File : PD068431.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Mar 2022 19:25
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 10 02:05:44 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030122.M
Quant Title : GC Extractables
QLast Update : Tue Mar 01 06:48:49 2022
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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

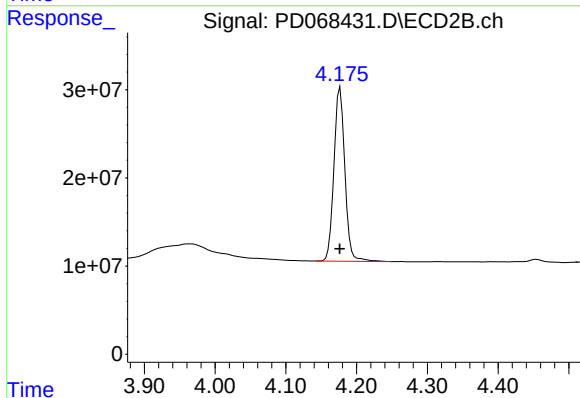




#1 Tetrachloro-m-xylene

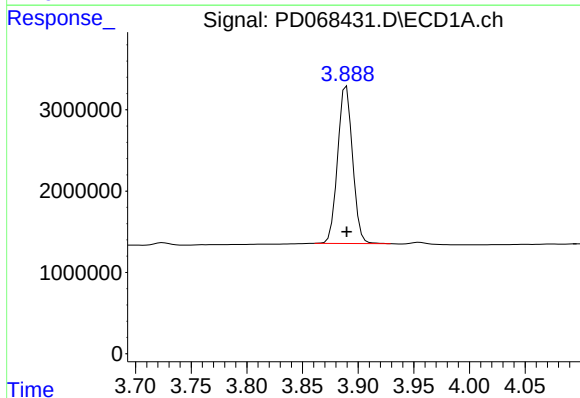
R.T.: 3.450 min
Delta R.T.: 0.000 min
Response: 25494668
Conc: 21.75 ng/ml

Instrument :
ECD_D
ClientSampleId :



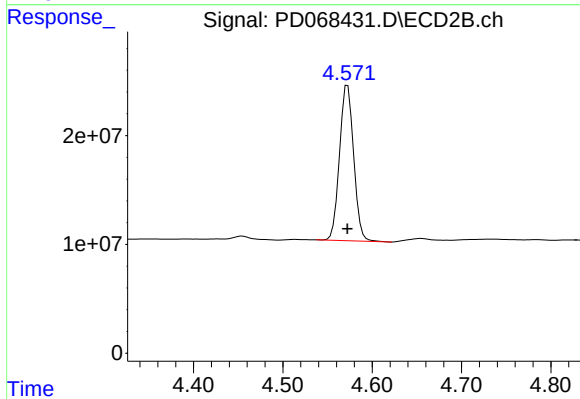
#1 Tetrachloro-m-xylene

R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 211662188
Conc: 22.05 ng/ml



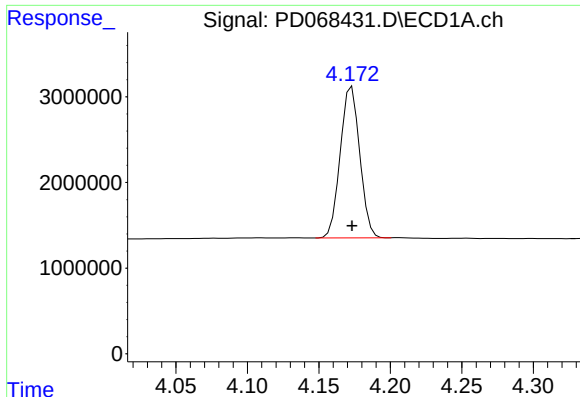
#2 alpha-BHC

R.T.: 3.890 min
Delta R.T.: 0.000 min
Response: 18044317
Conc: 10.52 ng/ml



#2 alpha-BHC

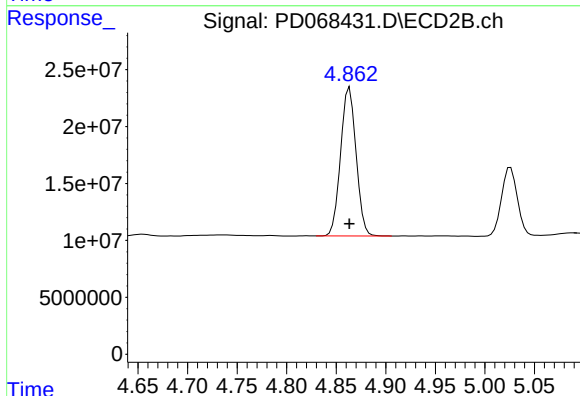
R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 156809837
Conc: 11.43 ng/ml



#3 gamma-BHC (Lindane)

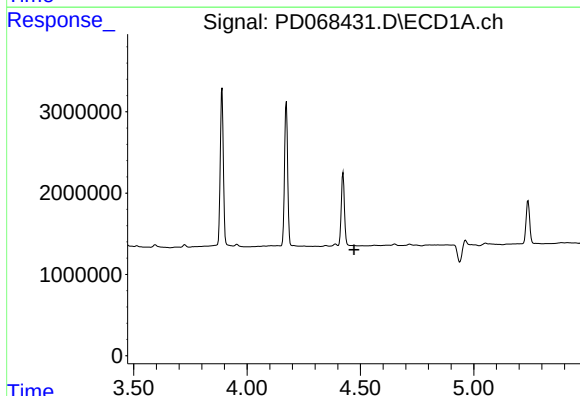
R.T.: 4.173 min
Delta R.T.: 0.000 min
Response: 16797565
Conc: 10.55 ng/ml

Instrument :
ECD_D
ClientSampleId :



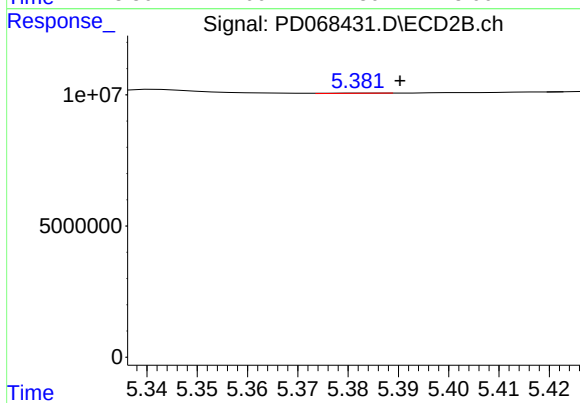
#3 gamma-BHC (Lindane)

R.T.: 4.863 min
Delta R.T.: 0.000 min
Response: 141688129
Conc: 11.43 ng/ml



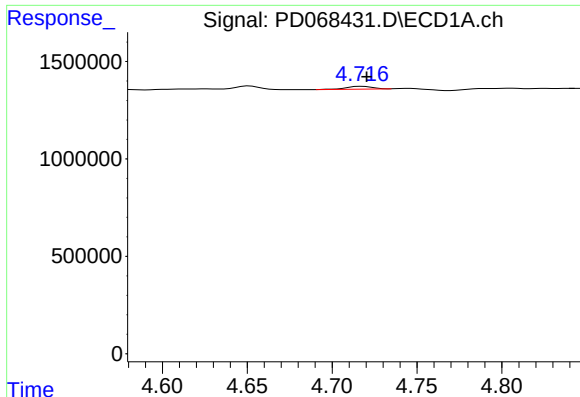
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.472 min
Response: 0
Conc: N.D.



#4 Heptachlor

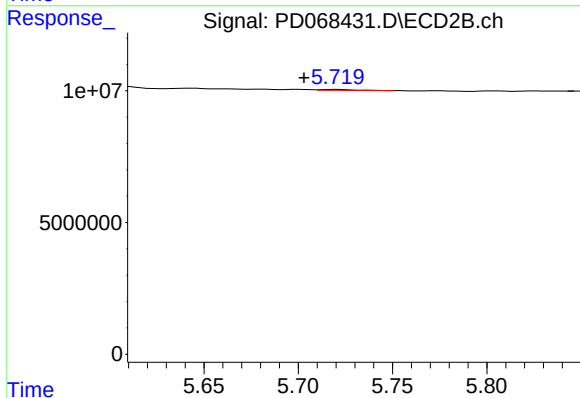
R.T.: 5.383 min
Delta R.T.: -0.007 min
Response: 58906
Conc: 0.01 ng/ml



#5 Aldrin

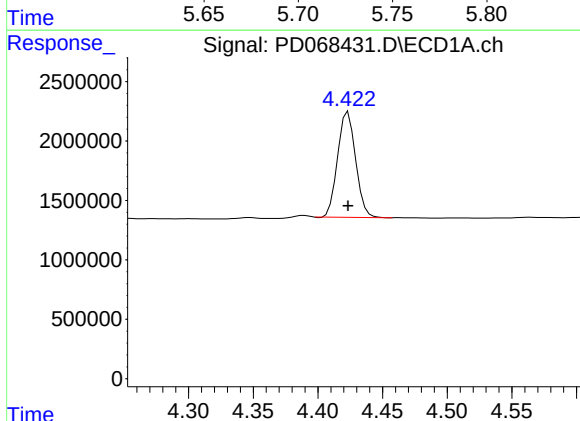
R.T.: 4.718 min
Delta R.T.: -0.003 min
Response: 156282
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



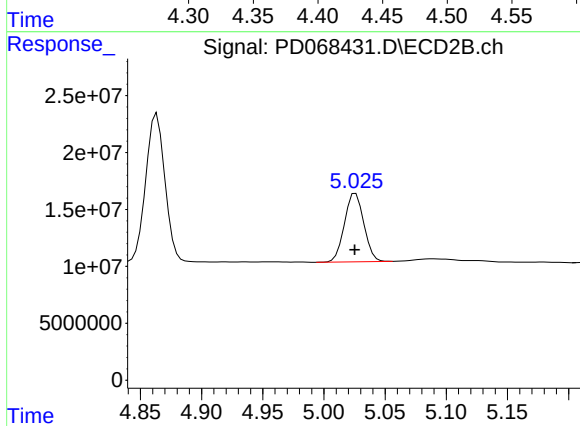
#5 Aldrin

R.T.: 5.721 min
Delta R.T.: 0.017 min
Response: 330085
Conc: 0.03 ng/ml



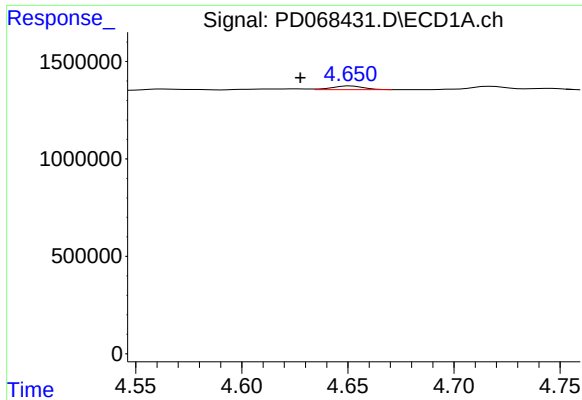
#6 beta-BHC

R.T.: 4.423 min
Delta R.T.: 0.000 min
Response: 8582191
Conc: 12.23 ng/ml



#6 beta-BHC

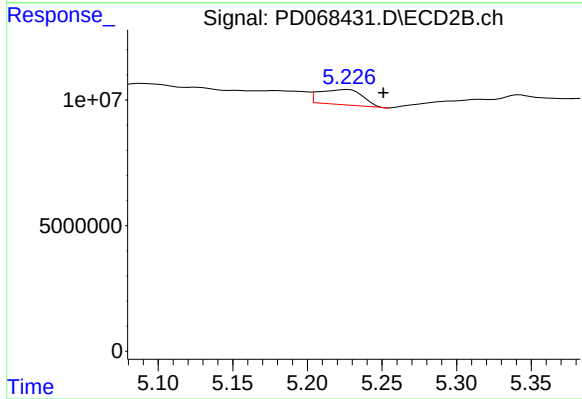
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 66241434
Conc: 12.25 ng/ml



#7 delta-BHC

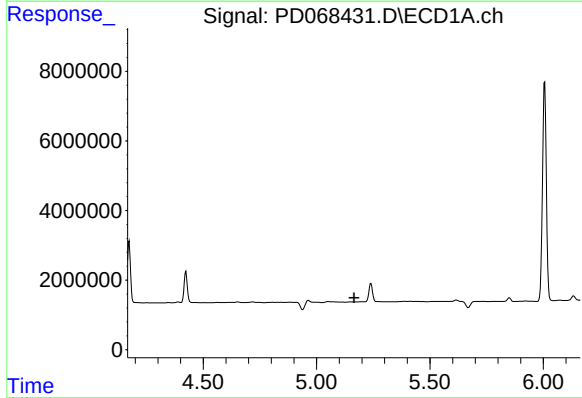
R.T.: 4.651 min
Delta R.T.: 0.024 min
Response: 197141
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



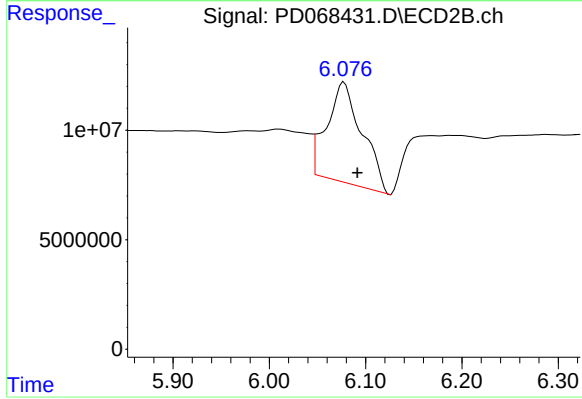
#7 delta-BHC

R.T.: 5.227 min
Delta R.T.: -0.024 min
Response: 12168321
Conc: 0.98 ng/ml



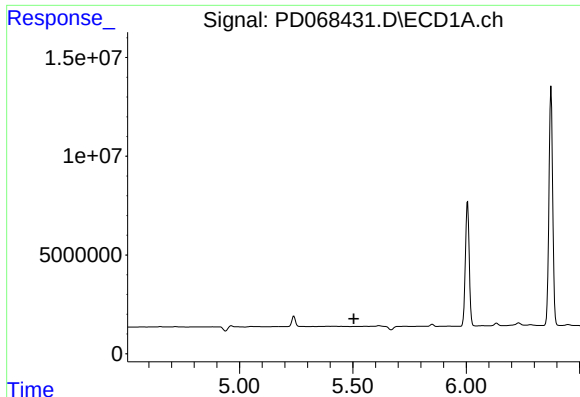
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.165 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

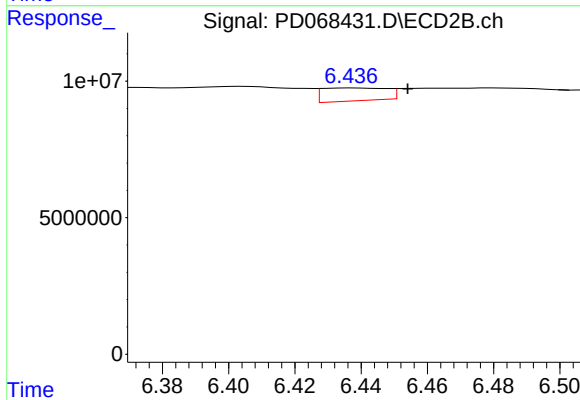
R.T.: 6.078 min
Delta R.T.: -0.014 min
Response: 116179896
Conc: 10.84 ng/ml



#9 Endosulfan I

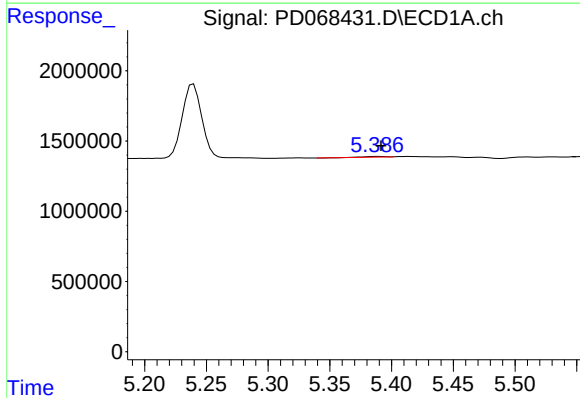
R.T.: 0.000 min
Exp R.T.: 5.504 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



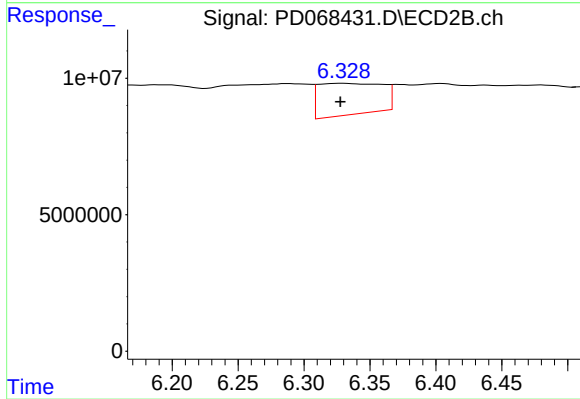
#9 Endosulfan I

R.T.: 6.438 min
Delta R.T.: -0.016 min
Response: 6399525
Conc: 0.66 ng/ml



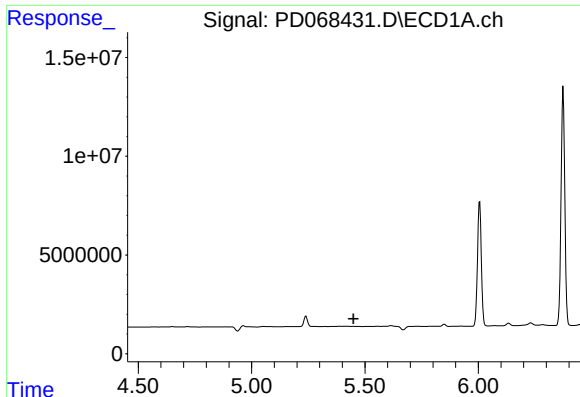
#10 gamma-Chlordane

R.T.: 5.388 min
Delta R.T.: -0.003 min
Response: 48697
Conc: 0.03 ng/ml



#10 gamma-Chlordane

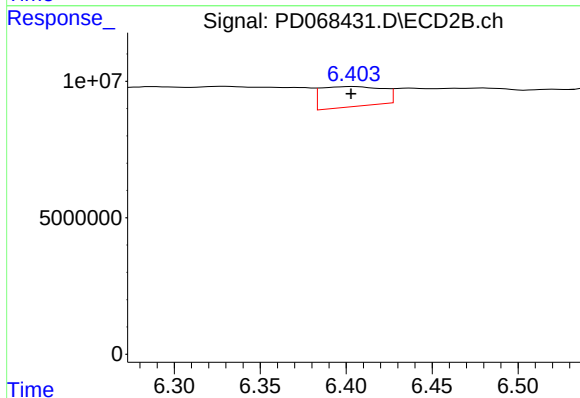
R.T.: 6.329 min
Delta R.T.: 0.002 min
Response: 38812395
Conc: 3.67 ng/ml



#11 alpha-Chlordane

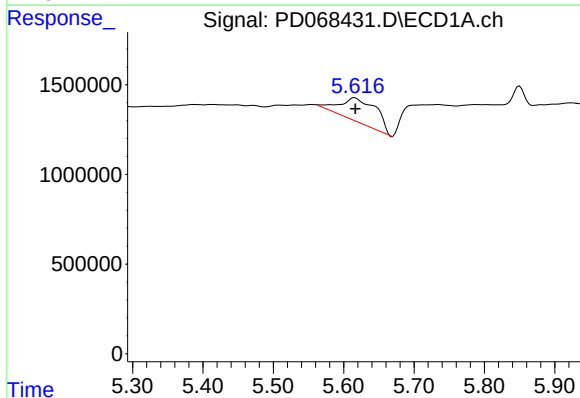
R.T.: 0.000 min
Exp R.T.: 5.450 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



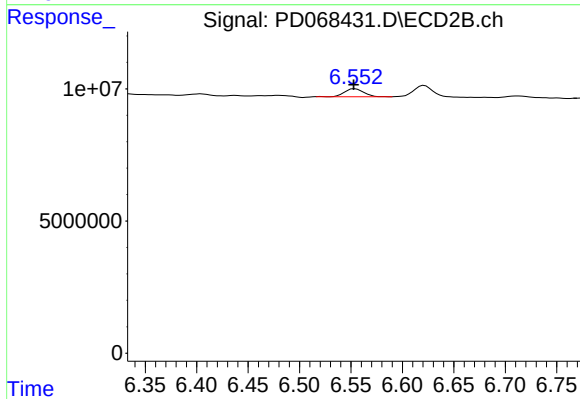
#11 alpha-Chlordane

R.T.: 6.404 min
Delta R.T.: 0.002 min
Response: 18291775
Conc: 1.77 ng/ml



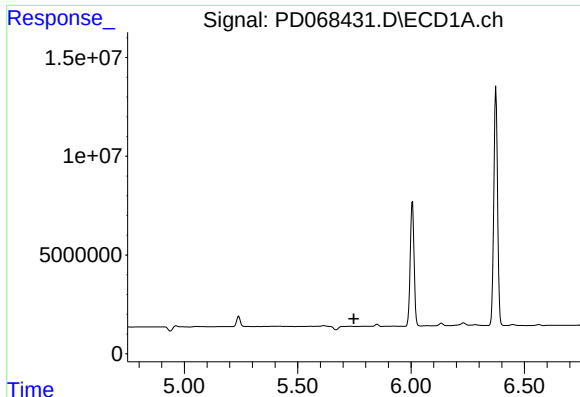
#12 4,4'-DDE

R.T.: 5.616 min
Delta R.T.: -0.001 min
Response: 4894018
Conc: 3.59 ng/ml



#12 4,4'-DDE

R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 3935146
Conc: 0.40 ng/ml



#13 Dieldrin

R.T.: 0.000 min
Exp R.T.: 5.748 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :

#13 Dieldrin

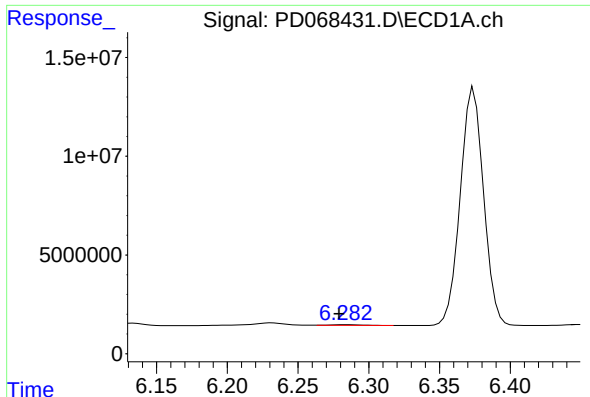
R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 938331
Conc: 0.09 ng/ml

#14 Endrin

R.T.: 6.006 min
Delta R.T.: 0.000 min
Response: 74061704
Conc: 59.95 ng/ml

#14 Endrin

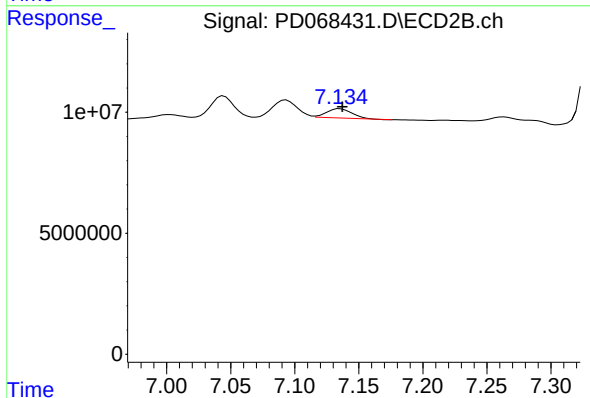
R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 343904629
Conc: 44.72 ng/ml



#15 Endosulfan II

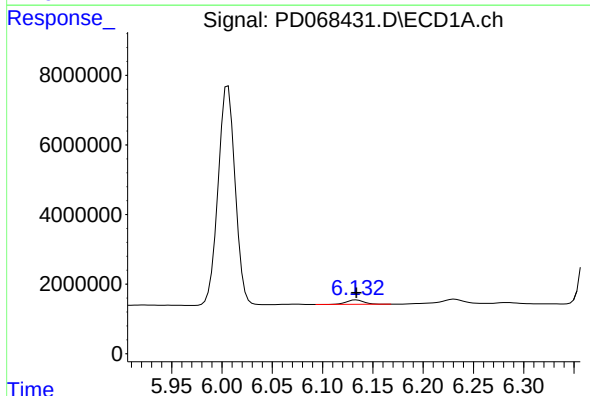
R.T.: 6.283 min
Delta R.T.: 0.004 min
Response: 491215
Conc: 0.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



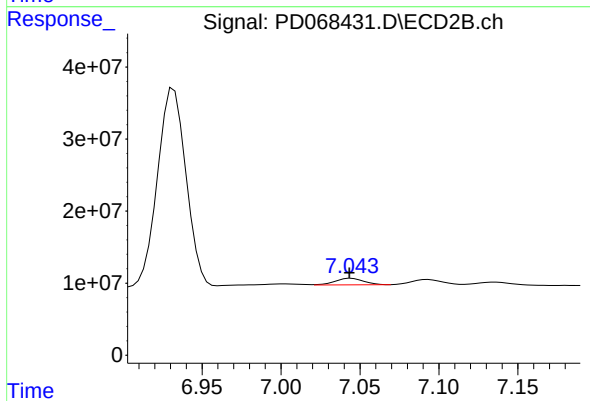
#15 Endosulfan II

R.T.: 7.135 min
Delta R.T.: -0.002 min
Response: 5183777
Conc: 0.63 ng/ml



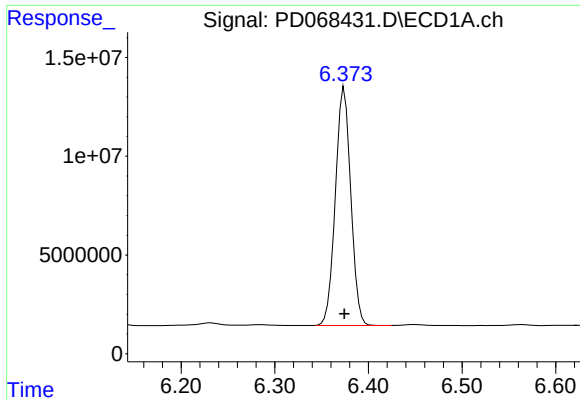
#16 4,4'-DDD

R.T.: 6.134 min
Delta R.T.: 0.000 min
Response: 1551860
Conc: 1.31 ng/ml



#16 4,4'-DDD

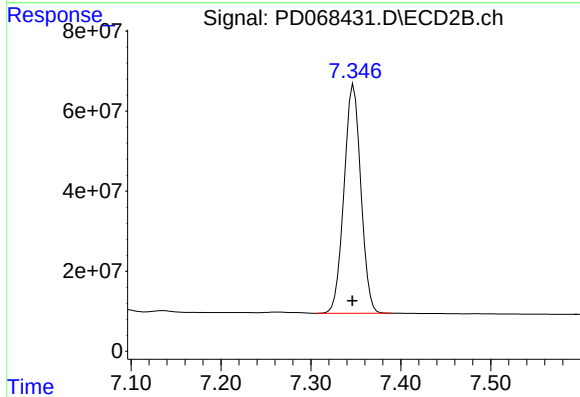
R.T.: 7.045 min
Delta R.T.: 0.001 min
Response: 11214741
Conc: 1.42 ng/ml



#17 4,4'-DDT

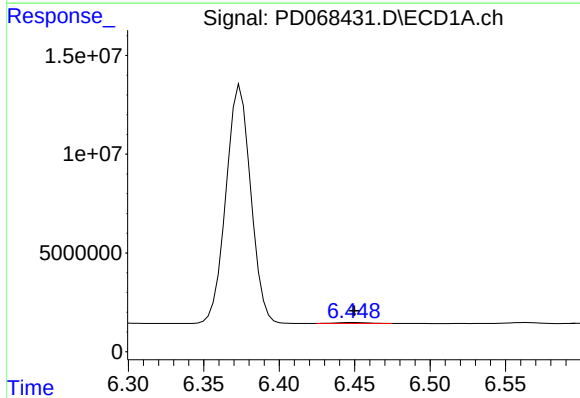
R.T.: 6.374 min
Delta R.T.: 0.000 min
Response: 137808224
Conc: 124.97 ng/ml

Instrument :
ECD_D
ClientSampleId :



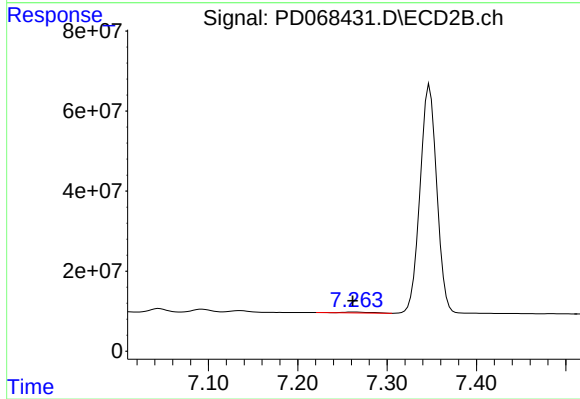
#17 4,4'-DDT

R.T.: 7.348 min
Delta R.T.: 0.002 min
Response: 743281990
Conc: 105.05 ng/ml



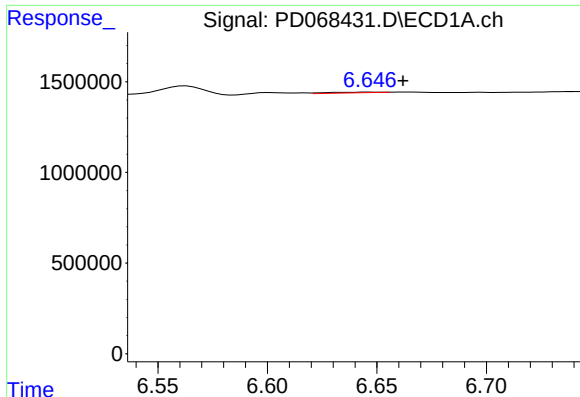
#18 Endrin aldehyde

R.T.: 6.449 min
Delta R.T.: 0.000 min
Response: 631394
Conc: 0.69 ng/ml



#18 Endrin aldehyde

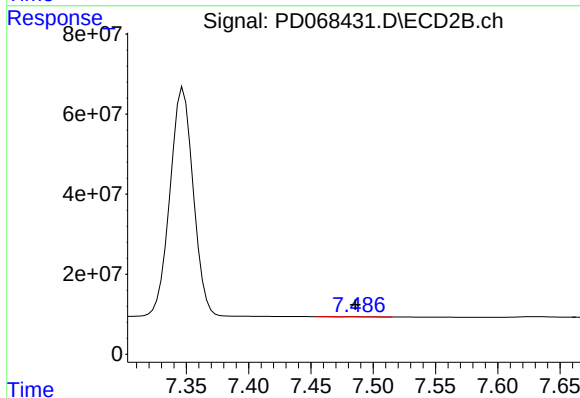
R.T.: 7.263 min
Delta R.T.: 0.002 min
Response: 4975796
Conc: 0.83 ng/ml



#19 Endosulfan Sulfate

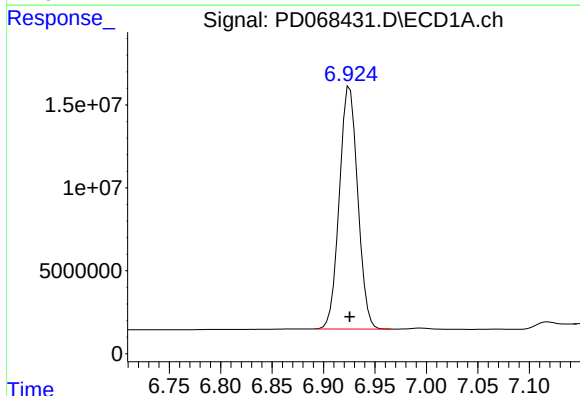
R.T.: 6.647 min
Delta R.T.: -0.015 min
Response: 60370
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



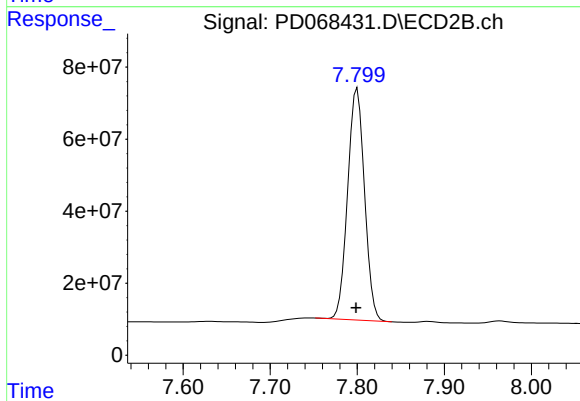
#19 Endosulfan Sulfate

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 428018
Conc: 0.06 ng/ml



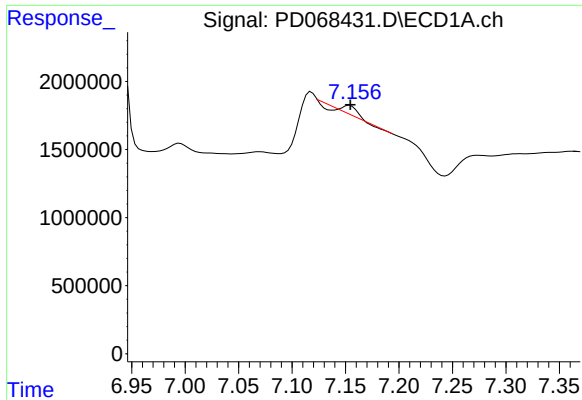
#20 Methoxychlor

R.T.: 6.926 min
Delta R.T.: 0.000 min
Response: 181697263
Conc: 280.01 ng/ml



#20 Methoxychlor

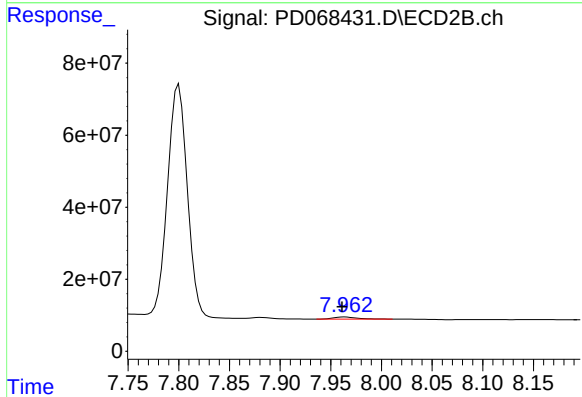
R.T.: 7.800 min
Delta R.T.: 0.001 min
Response: 866511977
Conc: 249.40 ng/ml



#21 Endrin ketone

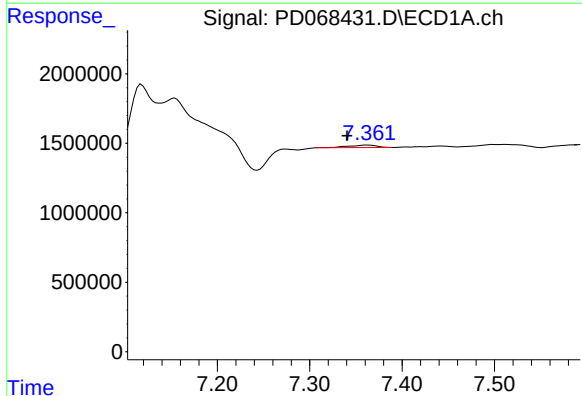
R.T.: 7.154 min
Delta R.T.: 0.000 min
Response: 180411
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



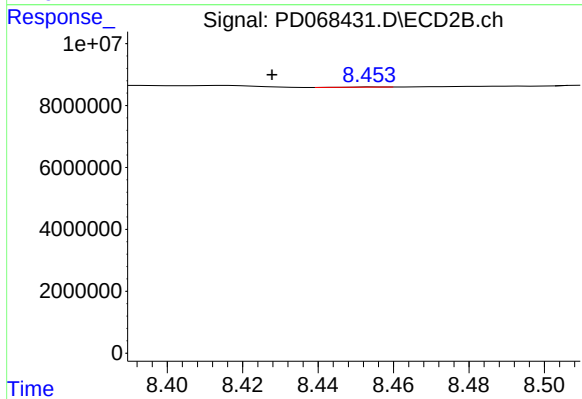
#21 Endrin ketone

R.T.: 7.964 min
Delta R.T.: 0.003 min
Response: 9049331
Conc: 1.08 ng/ml



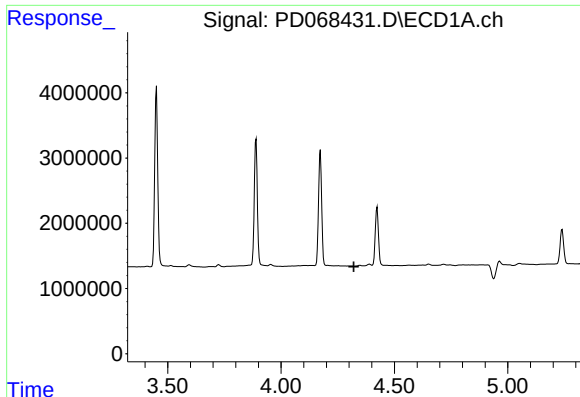
#22 Mirex

R.T.: 7.363 min
Delta R.T.: 0.022 min
Response: 391009
Conc: 0.31 ng/ml



#22 Mirex

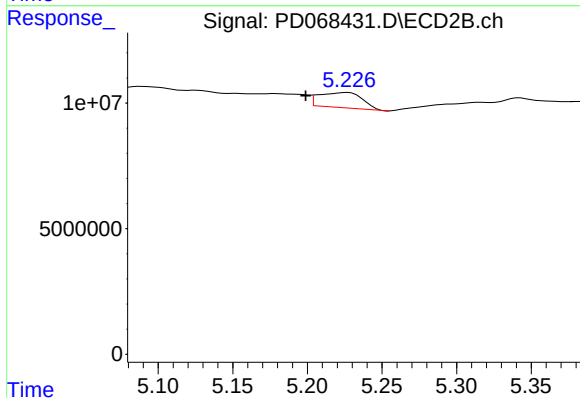
R.T.: 8.454 min
Delta R.T.: 0.027 min
Response: 24647
Conc: 0.00 ng/ml



#23 Chlordane-1

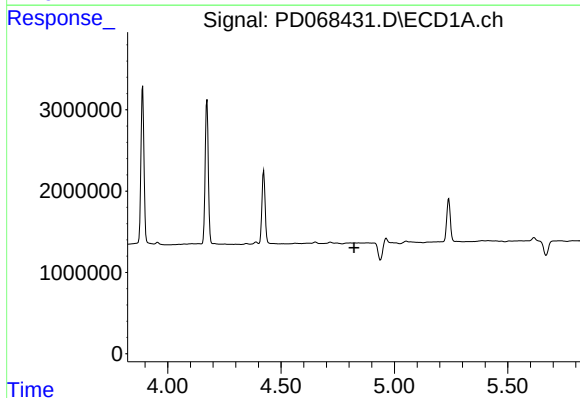
R.T.: 0.000 min
Exp R.T.: 4.320 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



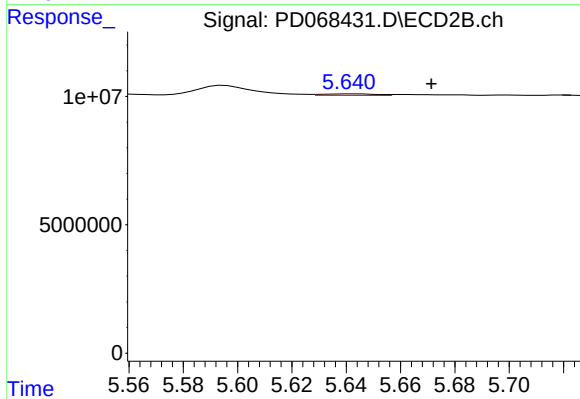
#23 Chlordane-1

R.T.: 5.227 min
Delta R.T.: 0.028 min
Response: 12168321
Conc: 30.05 ng/ml



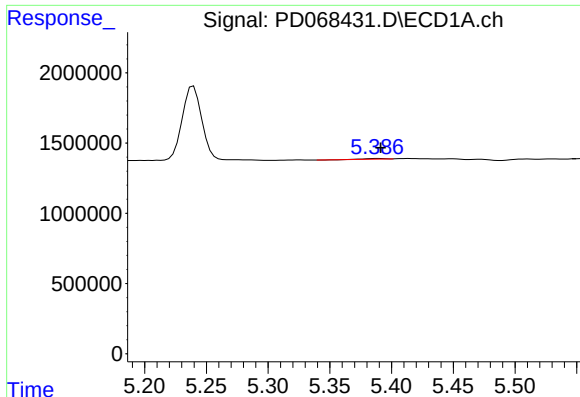
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 4.822 min
Response: 0
Conc: N.D.



#24 Chlordane-2

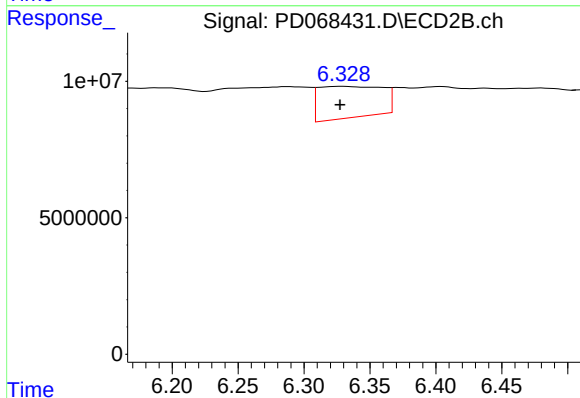
R.T.: 5.642 min
Delta R.T.: -0.029 min
Response: 807798
Conc: 2.01 ng/ml



#25 Chlordane-3

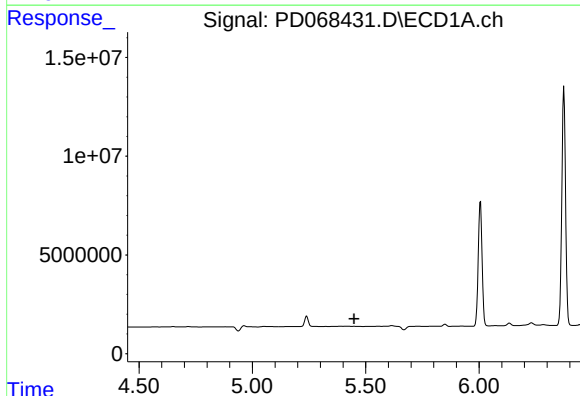
R.T.: 5.388 min
Delta R.T.: -0.003 min
Response: 48697
Conc: 0.34 ng/ml

Instrument :
ECD_D
ClientSampleId :



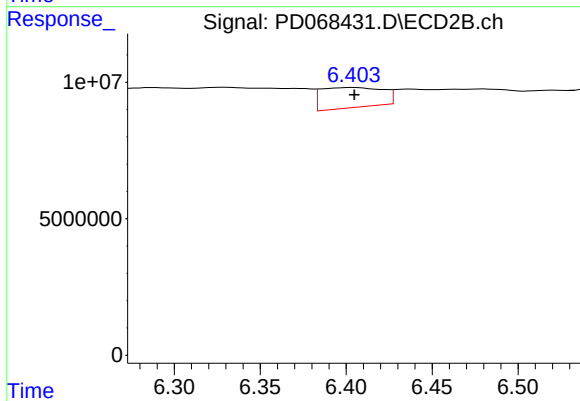
#25 Chlordane-3

R.T.: 6.329 min
Delta R.T.: 0.002 min
Response: 38812395
Conc: 27.29 ng/ml



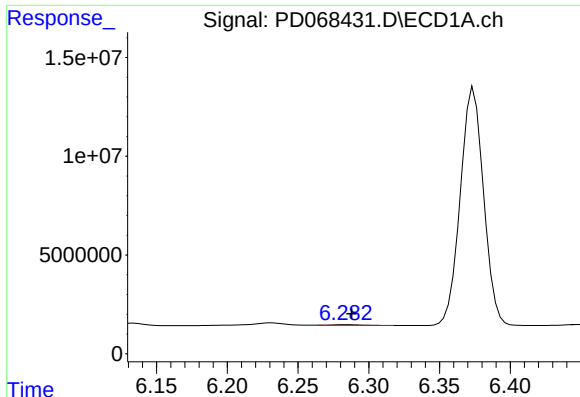
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.449 min
Response: 0
Conc: N.D.



#26 Chlordane-4

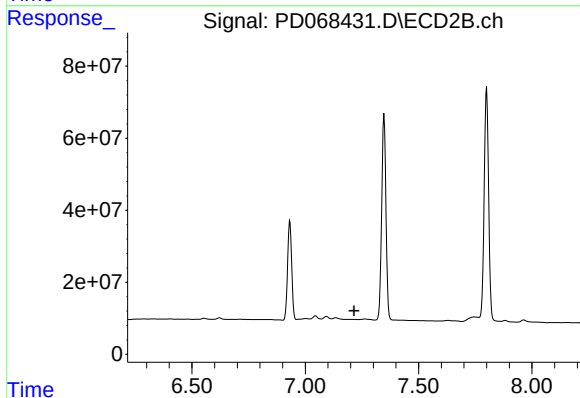
R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 18291775
Conc: 11.35 ng/ml



#27 Chlordane-5

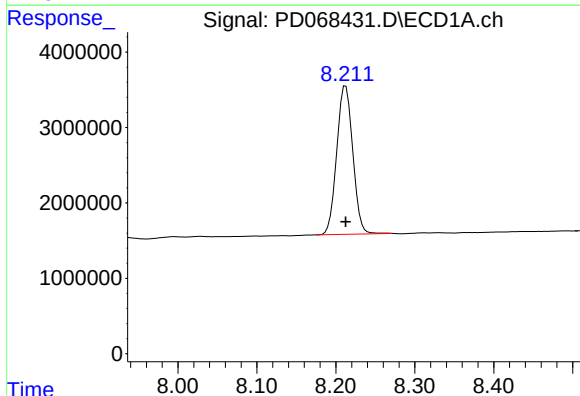
R.T.: 6.283 min
Delta R.T.: -0.005 min
Response: 491215
Conc: 9.97 ng/ml

Instrument :
ECD_D
ClientSampleId :



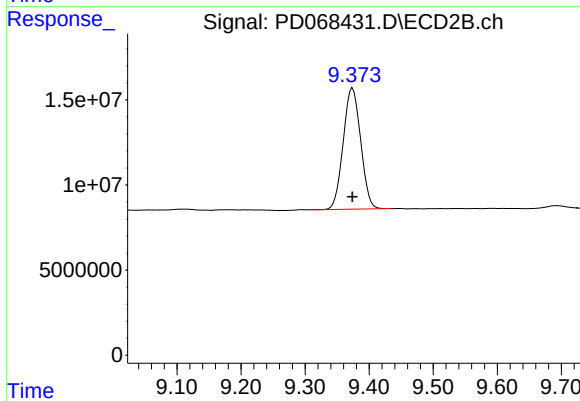
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.216 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.212 min
Delta R.T.: 0.000 min
Response: 27830306
Conc: 23.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.374 min
Delta R.T.: 0.000 min
Response: 134757254
Conc: 22.73 ng/ml