

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042321\
 Data File : PD062292.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2021 14:52
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 23:25:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042321.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 23 23:19:57 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...	3.485	3.982	17624366	227.0E6	21.639	21.551
28)	SA Decachlor...	8.258	9.043	22401188	159.3E6	18.467	18.774
Target Compounds							
2)	A alpha-BHC	3.924	4.371	12572454	165.2E6	9.815	9.774
3)	MA gamma-BHC...	4.210	4.655	12426916	162.7E6	10.098	10.358
6)	B beta-BHC	4.460	4.825	6733290	69487931	11.184	10.387
8)	B Heptachlo...	0.000	5.861	0	16329574	N.D.	1.189 #
9)	A Endosulfan I	0.000	6.201	0	672459	N.D.	0.051 #
10)	B gamma-Chl...	0.000	6.063f	0	241305	N.D.	0.017 #
11)	B alpha-Chl...	0.000	6.178f	0	1280869	N.D.	0.093 #
12)	B 4,4'-DDE	0.000	6.317	0	2319990	N.D.	0.164 #
13)	MA Dieldrin	0.000	6.470	0	9099805	N.D.	0.647 #
14)	MA Endrin	6.050	6.685	59144420	512.4E6	51.033	41.998
15)	B Endosulfa...	0.000	6.898	0	3072213	N.D.	0.267 #
16)	A 4,4'-DDD	6.175	6.807	592988	6471926	0.593	0.581
17)	MA 4,4'-DDT	6.416	7.106	111.5E6	907.4E6	109.143	90.994
18)	B Endrin al...	0.000	7.020	0	1759893	N.D.	0.186 #
19)	B Endosulfa...	0.000	7.224f	0	450406	N.D.	0.042 #
20)	A Methoxychlor	6.962	7.564	139.5E6	1015.3E6	234.706	207.810
21)	B Endrin ke...	0.000	7.712	0	5774737	N.D.	0.576 #
23)	Chlordane-1	0.000	4.961	0	273957	N.D.	0.555 #
25)	Chlordane-3	0.000	6.063f	0	241305	N.D.	0.123 #
26)	Chlordane-4	0.000	6.178f	0	1280869	N.D.	0.563 #
27)	Chlordane-5	0.000	6.965	0	11606	N.D.	0.028 #

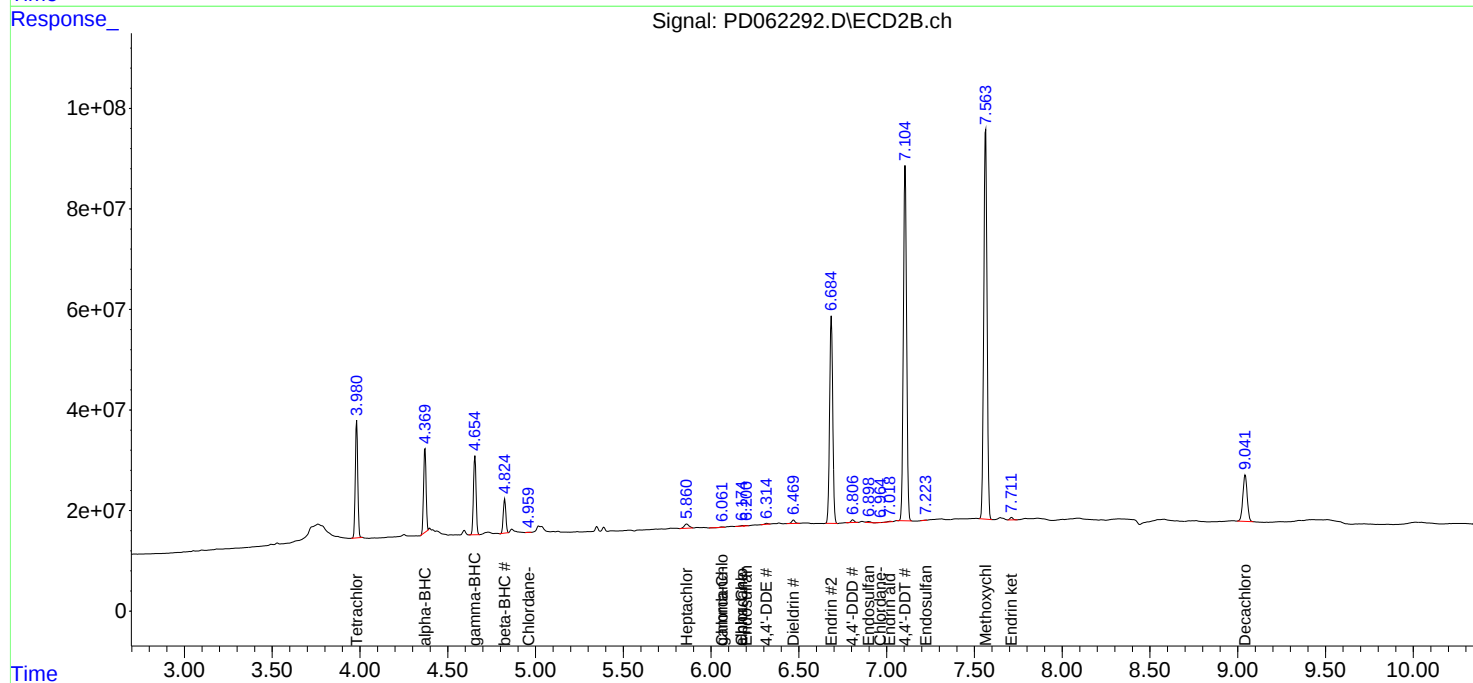
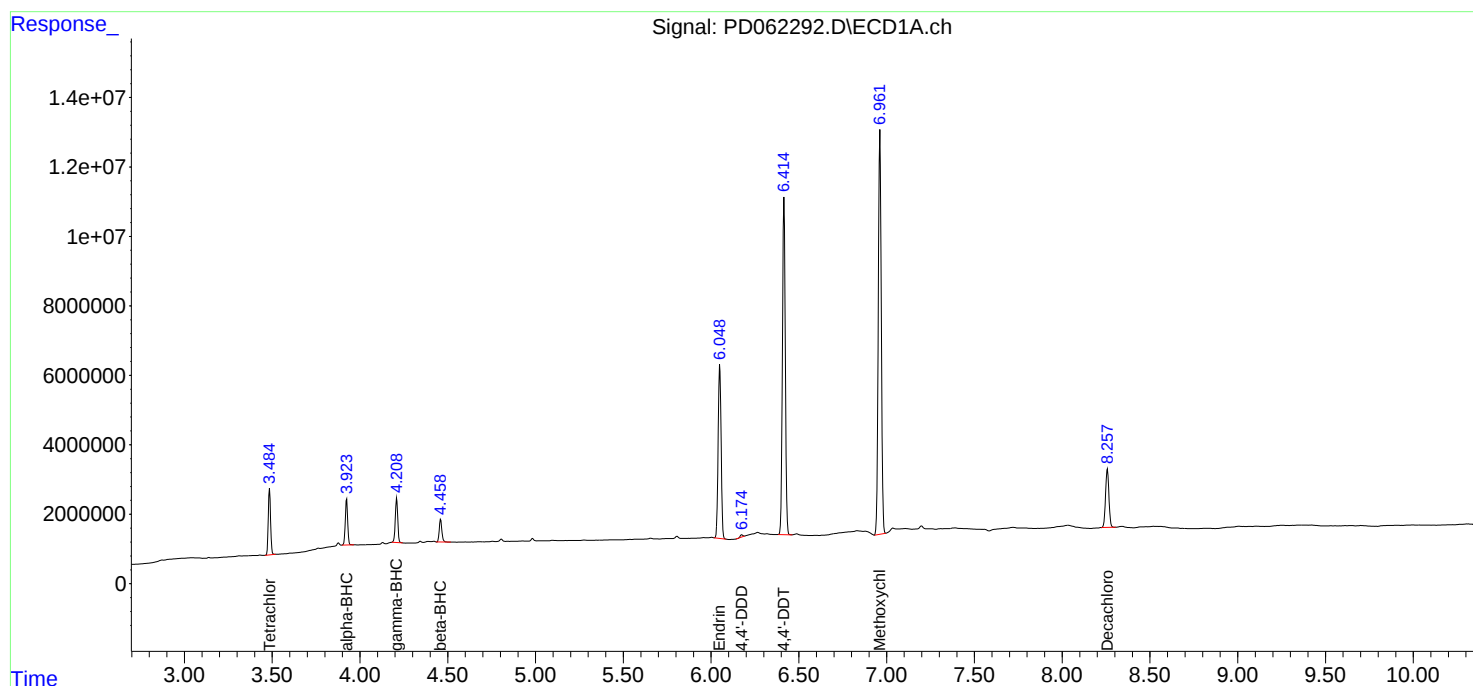
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

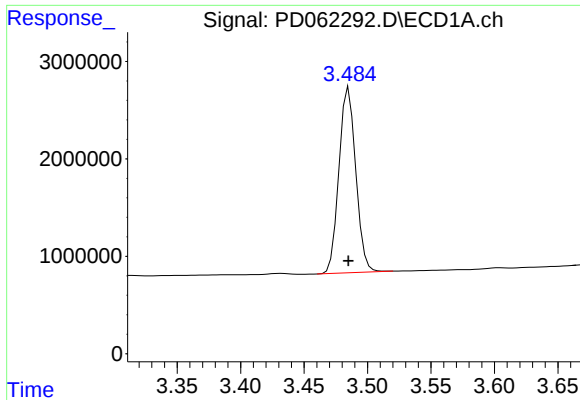
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042321\
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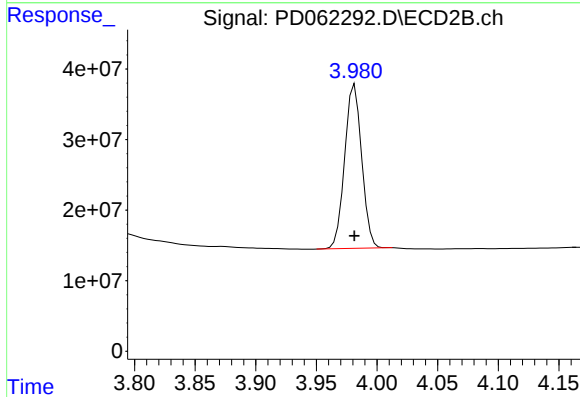




#1 Tetrachloro-m-xylene

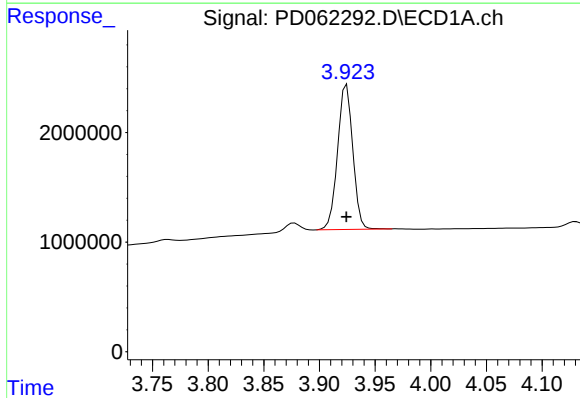
R.T.: 3.485 min
Delta R.T.: 0.000 min
Response: 17624366
Conc: 21.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



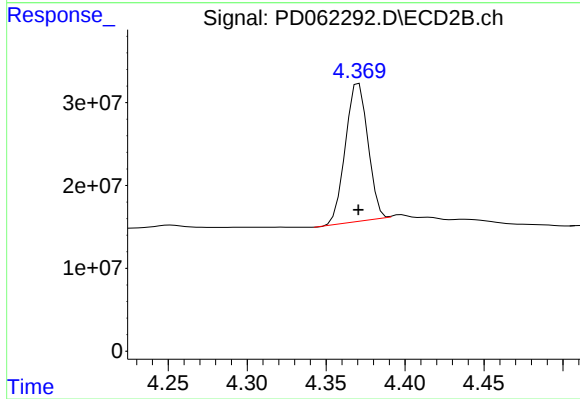
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 226964647
Conc: 21.55 ng/ml



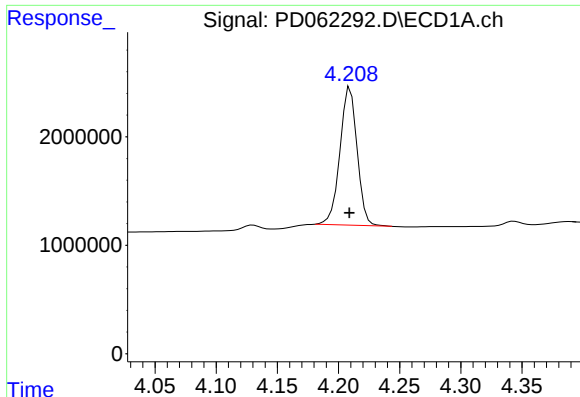
#2 alpha-BHC

R.T.: 3.924 min
Delta R.T.: 0.000 min
Response: 12572454
Conc: 9.82 ng/ml



#2 alpha-BHC

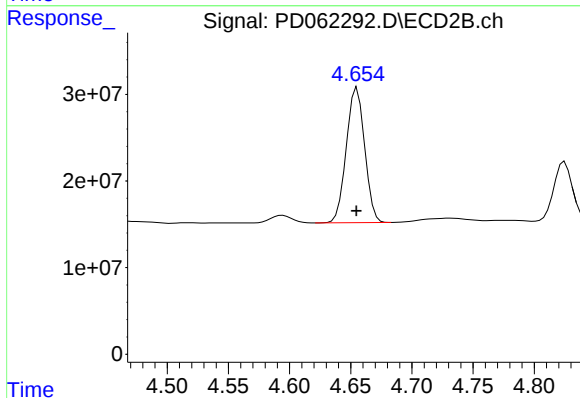
R.T.: 4.371 min
Delta R.T.: 0.000 min
Response: 165186570
Conc: 9.77 ng/ml



#3 gamma-BHC (Lindane)

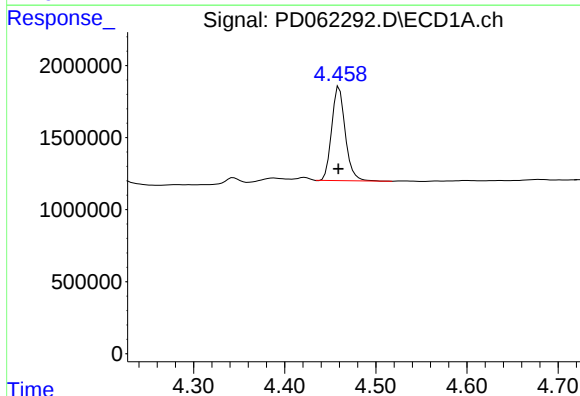
R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 12426916
Conc: 10.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



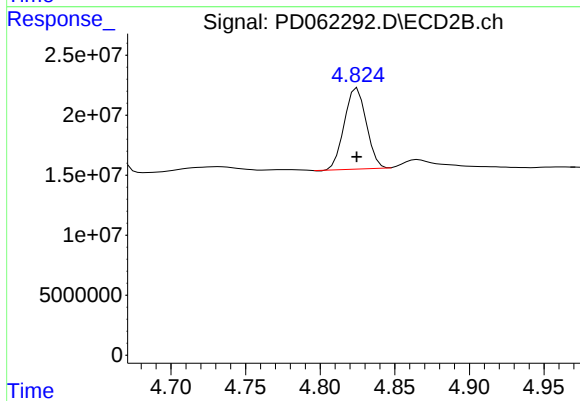
#3 gamma-BHC (Lindane)

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 162688272
Conc: 10.36 ng/ml



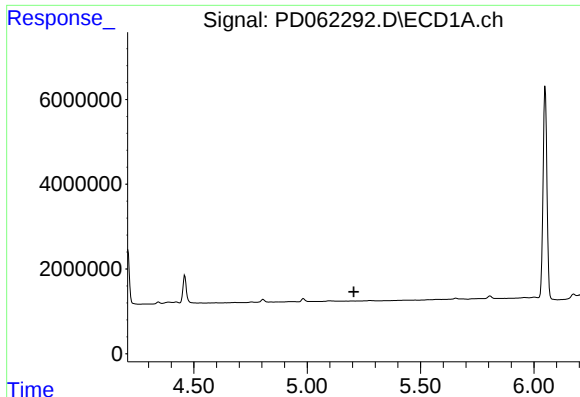
#6 beta-BHC

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 6733290
Conc: 11.18 ng/ml



#6 beta-BHC

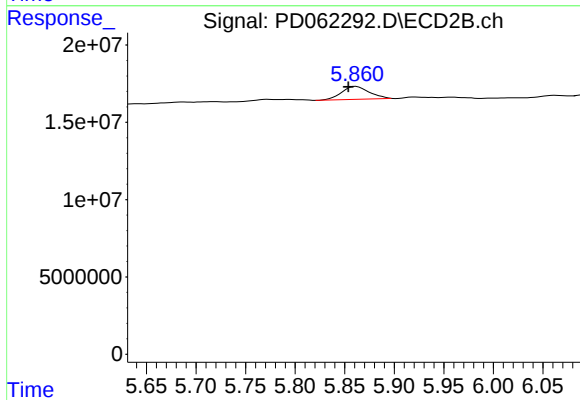
R.T.: 4.825 min
Delta R.T.: 0.000 min
Response: 69487931
Conc: 10.39 ng/ml



#8 Heptachlor epoxide

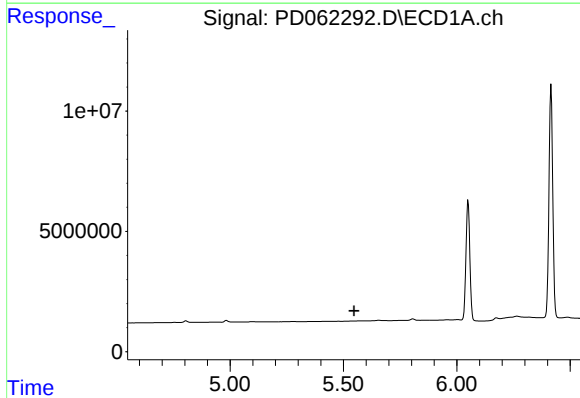
R.T.: 0.000 min
Exp R.T.: 5.206 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



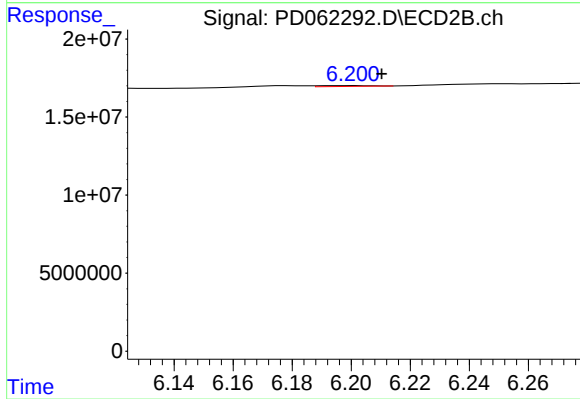
#8 Heptachlor epoxide

R.T.: 5.861 min
Delta R.T.: 0.008 min
Response: 16329574
Conc: 1.19 ng/ml



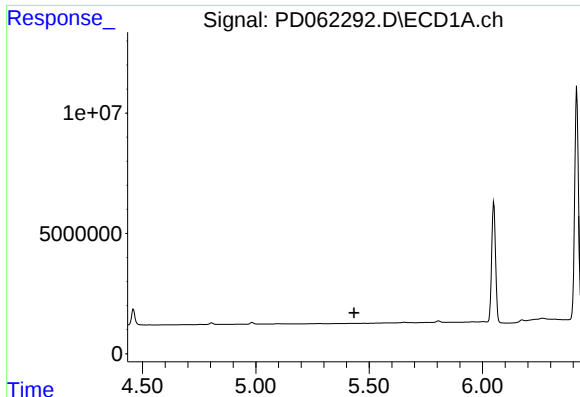
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T.: 5.547 min
Response: 0
Conc: N.D.



#9 Endosulfan I

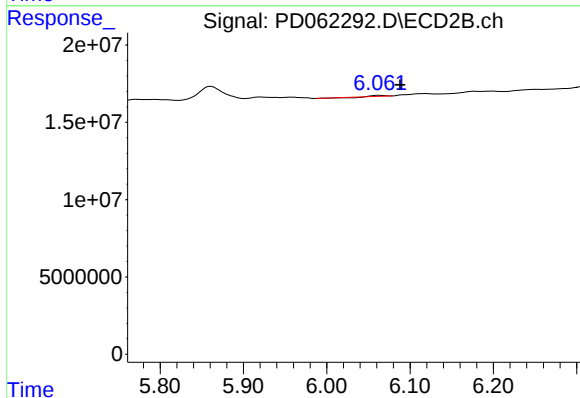
R.T.: 6.201 min
Delta R.T.: -0.010 min
Response: 672459
Conc: 0.05 ng/ml



#10 gamma-Chlordane

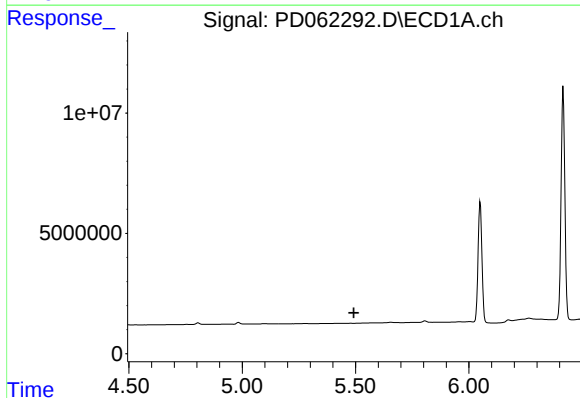
R.T.: 0.000 min
Exp R.T.: 5.434 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



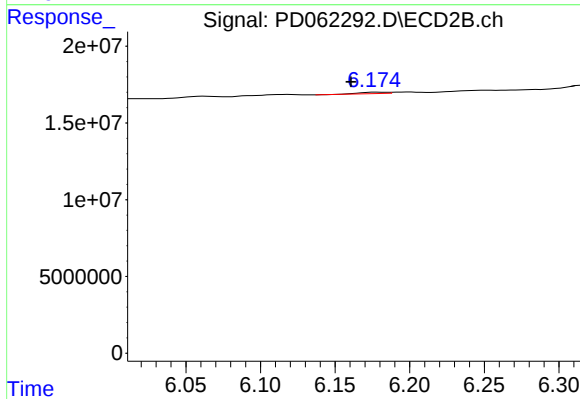
#10 gamma-Chlordane

R.T.: 6.063 min
Delta R.T.: -0.025 min
Response: 241305
Conc: 0.02 ng/ml



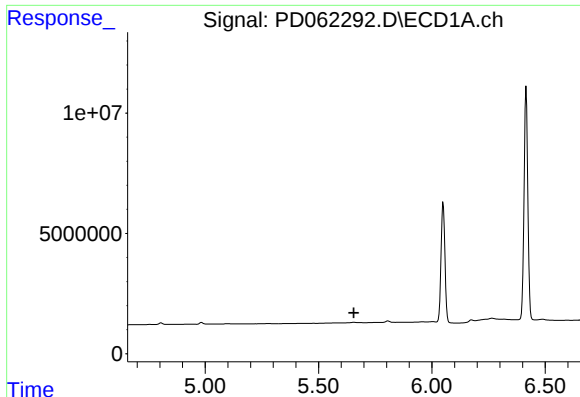
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.492 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

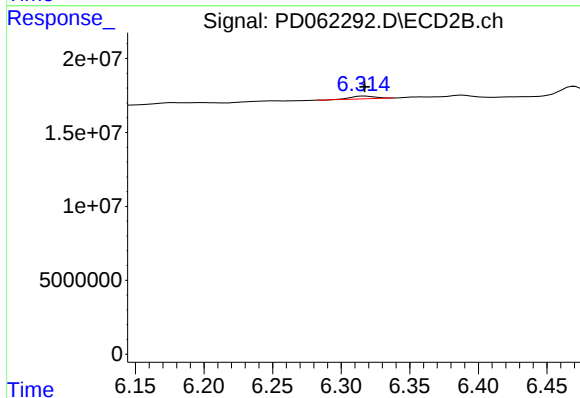
R.T.: 6.178 min
Delta R.T.: 0.017 min
Response: 1280869
Conc: 0.09 ng/ml



#12 4,4'-DDE

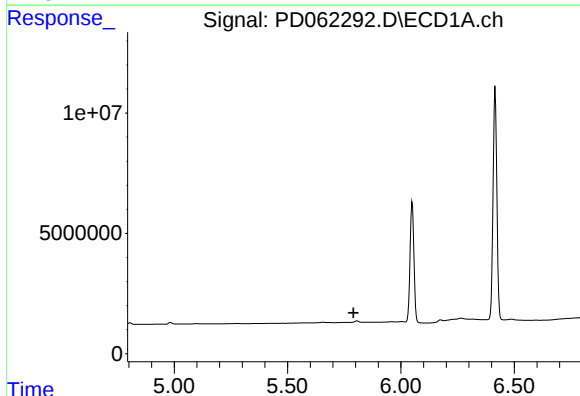
R.T.: 0.000 min
Exp R.T.: 5.655 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



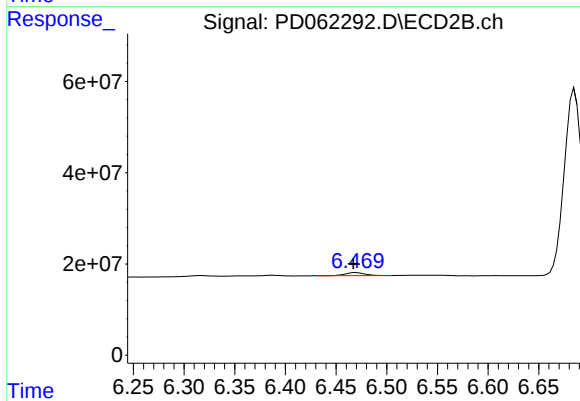
#12 4,4'-DDE

R.T.: 6.317 min
Delta R.T.: 0.000 min
Response: 2319990
Conc: 0.16 ng/ml



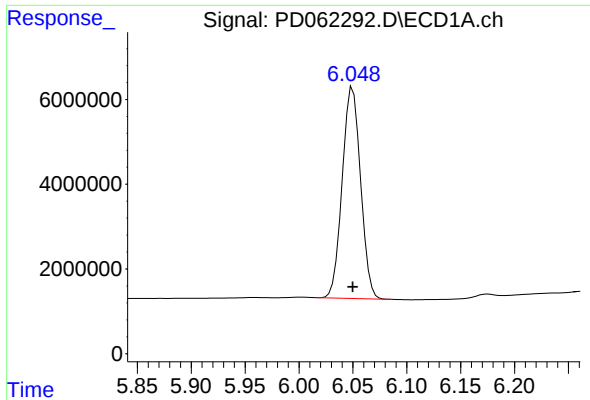
#13 Dieldrin

R.T.: 0.000 min
Exp R.T.: 5.791 min
Response: 0
Conc: N.D.



#13 Dieldrin

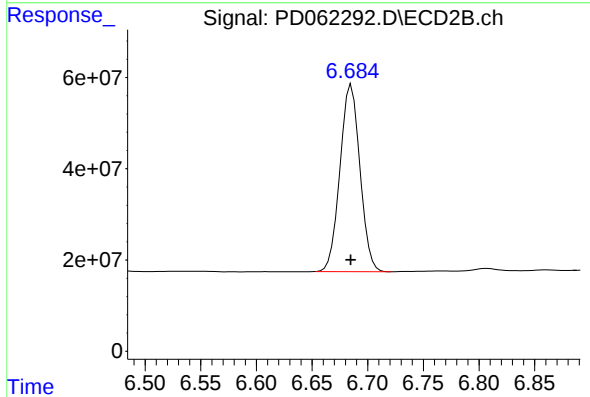
R.T.: 6.470 min
Delta R.T.: 0.003 min
Response: 9099805
Conc: 0.65 ng/ml



#14 Endrin

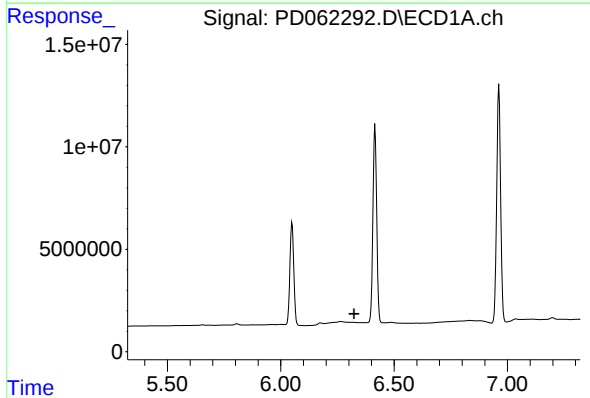
R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 59144420
Conc: 51.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



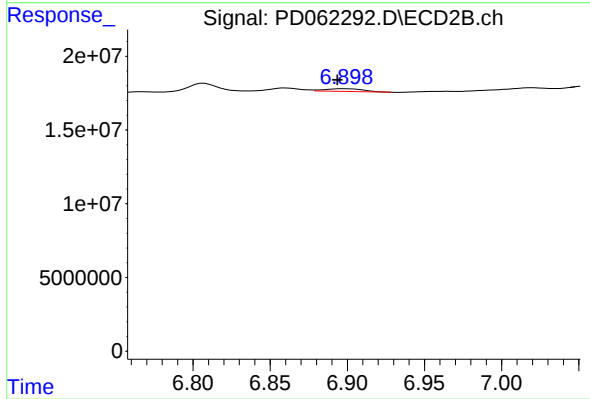
#14 Endrin

R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 512355887
Conc: 42.00 ng/ml



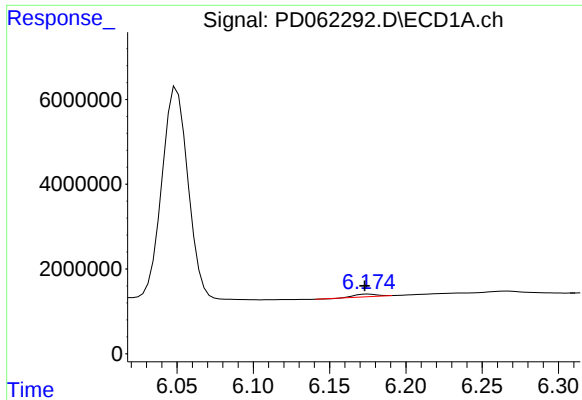
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.323 min
Response: 0
Conc: N.D.



#15 Endosulfan II

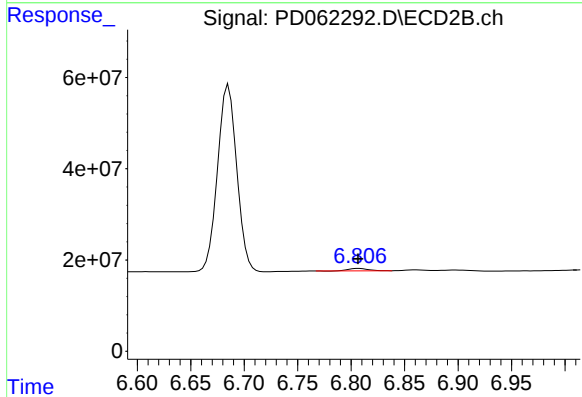
R.T.: 6.898 min
Delta R.T.: 0.005 min
Response: 3072213
Conc: 0.27 ng/ml



#16 4,4'-DDD

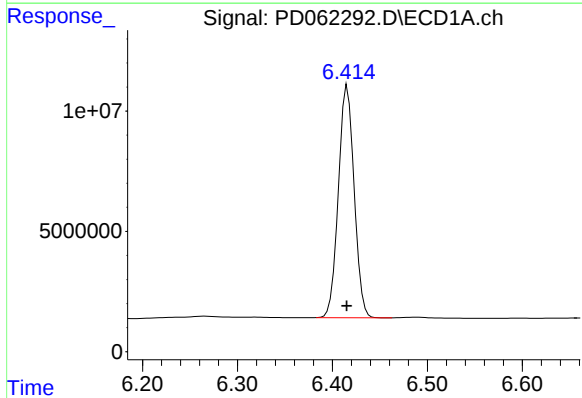
R.T.: 6.175 min
Delta R.T.: 0.002 min
Response: 592988
Conc: 0.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



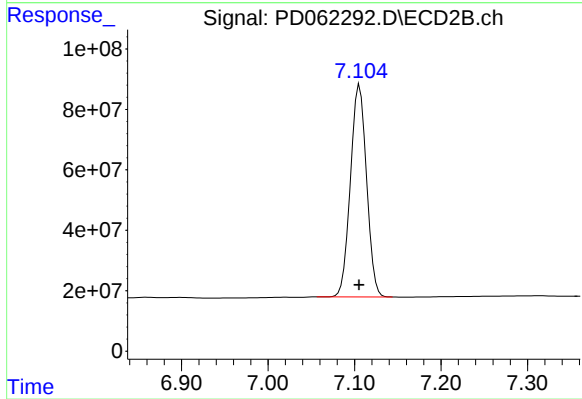
#16 4,4'-DDD

R.T.: 6.807 min
Delta R.T.: 0.000 min
Response: 6471926
Conc: 0.58 ng/ml



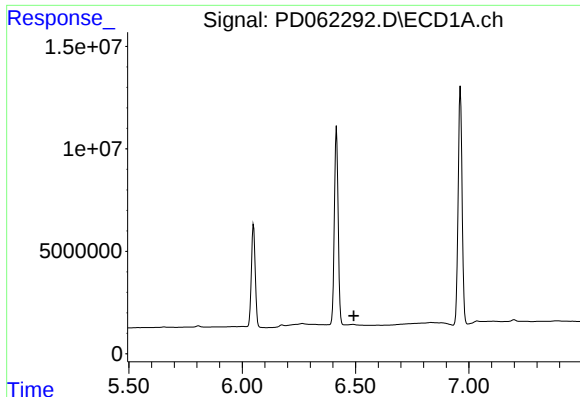
#17 4,4'-DDT

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 111454622
Conc: 109.14 ng/ml



#17 4,4'-DDT

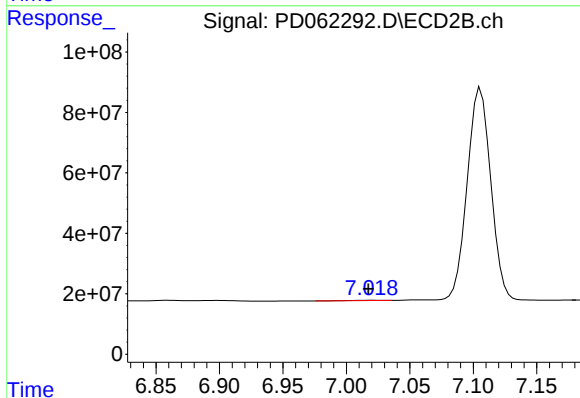
R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 907416033
Conc: 90.99 ng/ml



#18 Endrin aldehyde

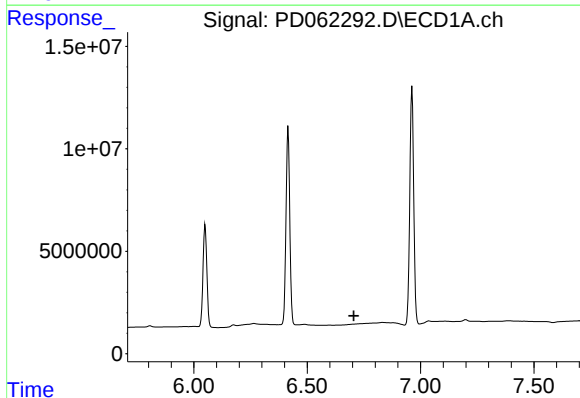
R.T.: 0.000 min
Exp R.T.: 6.492 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



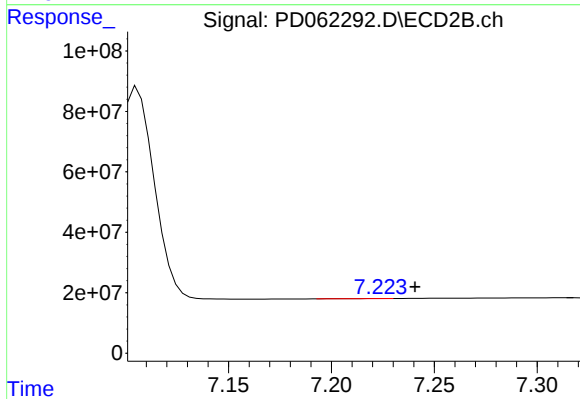
#18 Endrin aldehyde

R.T.: 7.020 min
Delta R.T.: 0.003 min
Response: 1759893
Conc: 0.19 ng/ml



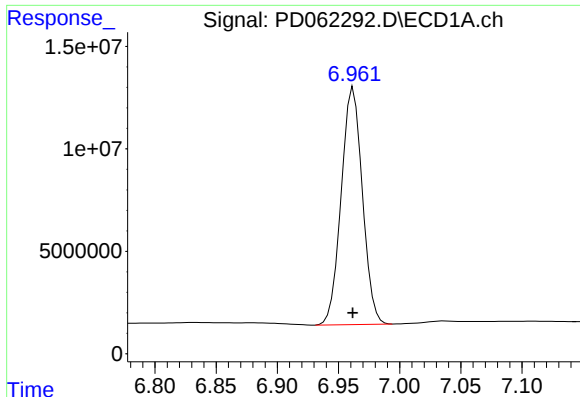
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T.: 6.705 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

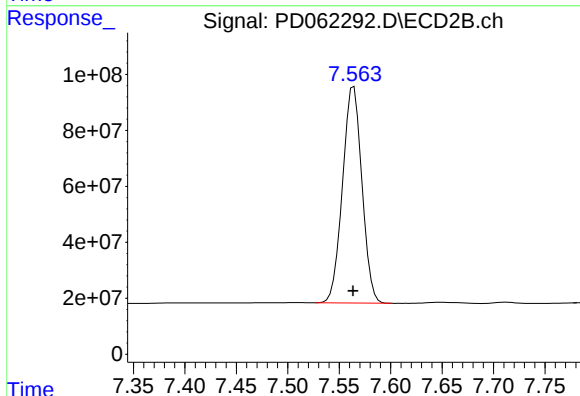
R.T.: 7.224 min
Delta R.T.: -0.017 min
Response: 450406
Conc: 0.04 ng/ml



#20 Methoxychlor

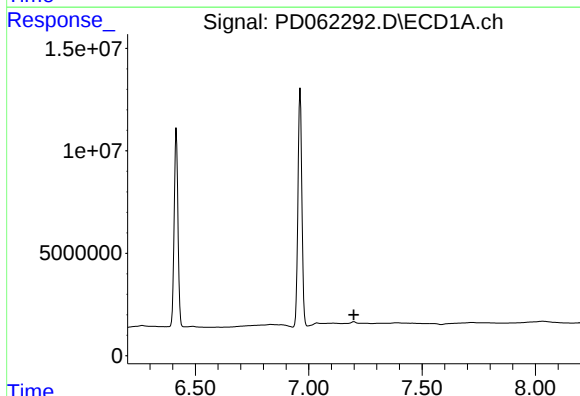
R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 139468545
Conc: 234.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



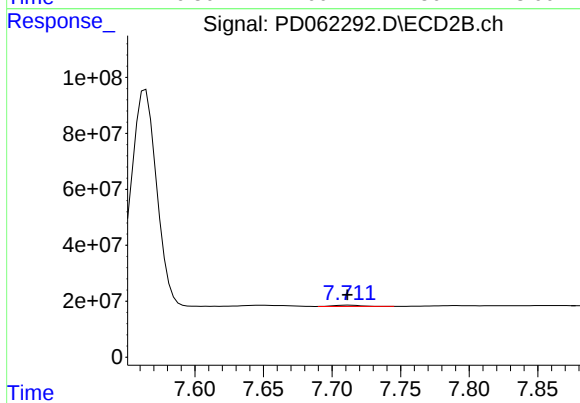
#20 Methoxychlor

R.T.: 7.564 min
Delta R.T.: 0.000 min
Response: 1015290728
Conc: 207.81 ng/ml



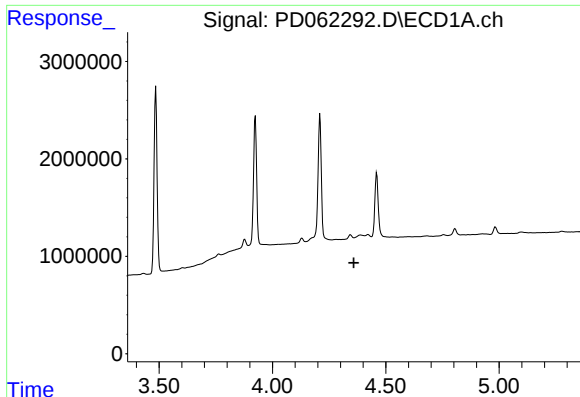
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 7.199 min
Response: 0
Conc: N.D.



#21 Endrin ketone

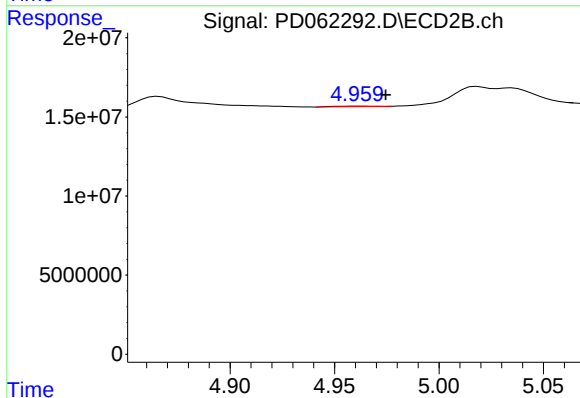
R.T.: 7.712 min
Delta R.T.: 0.001 min
Response: 5774737
Conc: 0.58 ng/ml



#23 Chlordane-1

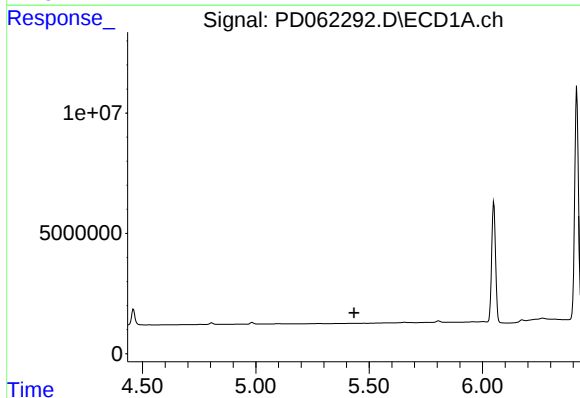
R.T.: 0.000 min
Exp R.T.: 4.360 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



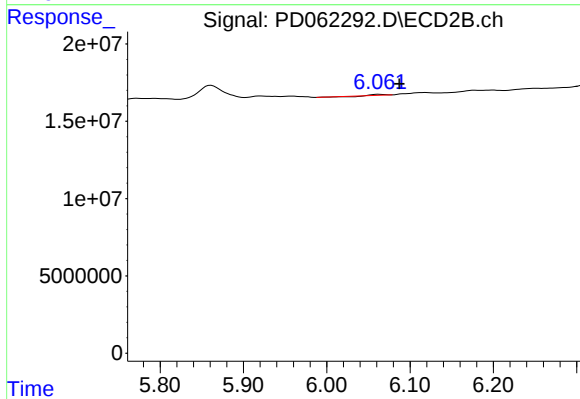
#23 Chlordane-1

R.T.: 4.961 min
Delta R.T.: -0.013 min
Response: 273957
Conc: 0.55 ng/ml



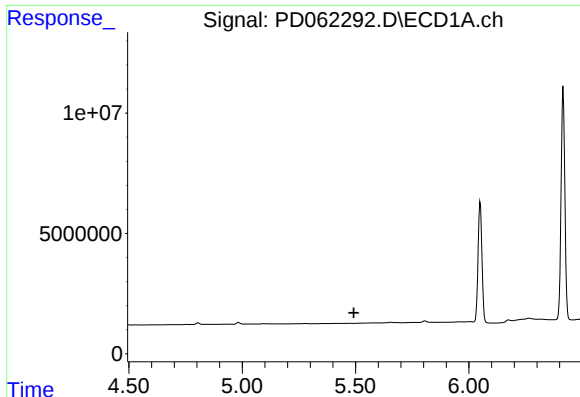
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T.: 5.434 min
Response: 0
Conc: N.D.



#25 Chlordane-3

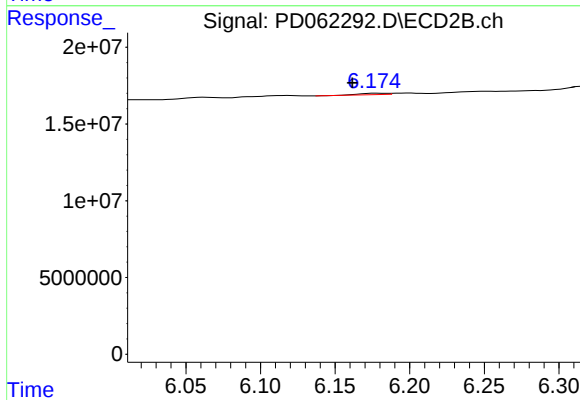
R.T.: 6.063 min
Delta R.T.: -0.024 min
Response: 241305
Conc: 0.12 ng/ml



#26 Chlordane-4

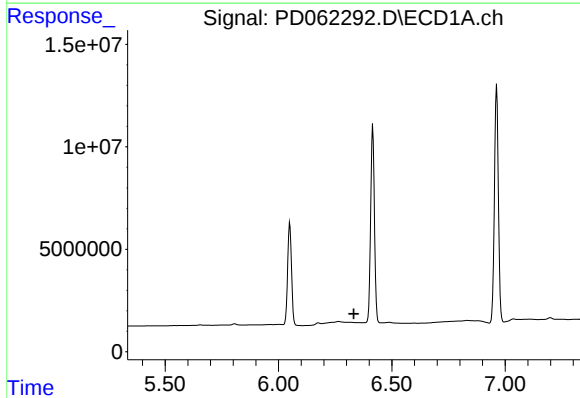
R.T.: 0.000 min
Exp R.T.: 5.493 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



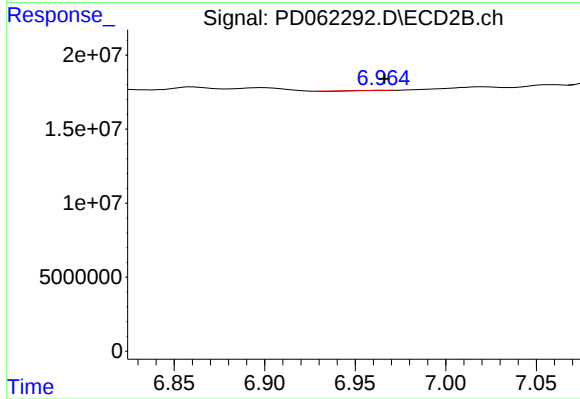
#26 Chlordane-4

R.T.: 6.178 min
Delta R.T.: 0.016 min
Response: 1280869
Conc: 0.56 ng/ml



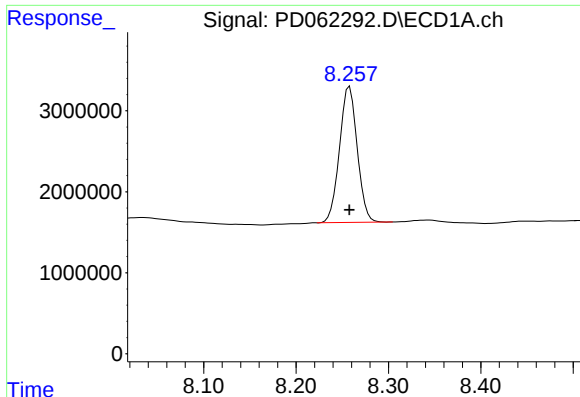
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.333 min
Response: 0
Conc: N.D.



#27 Chlordane-5

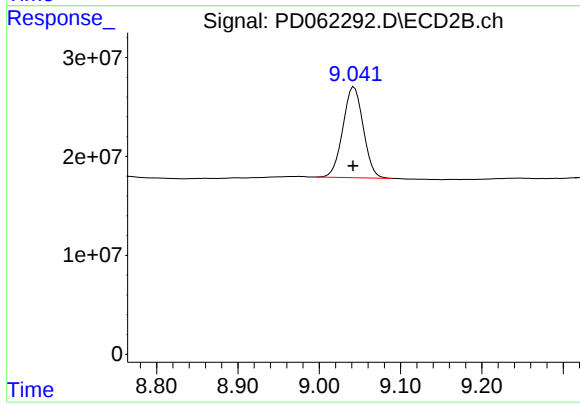
R.T.: 6.965 min
Delta R.T.: 0.000 min
Response: 11606
Conc: 0.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.258 min
Delta R.T.: 0.000 min
Response: 22401188
Conc: 18.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.043 min
Delta R.T.: 0.001 min
Response: 159301232
Conc: 18.77 ng/ml