

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110219\
 Data File : PD055788.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Nov 2019 10:44
 Operator : SG\AJ
 Sample : K5111-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 11:55:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 31 06:48:28 2019
 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...	3.289	3.962	18742025	27300146	21.985	22.668
28)	SA Decachlor...	7.964	8.999	21141176	31381251	22.347	22.551
Target Compounds							
2)	A alpha-BHC	3.717	4.348	1080834	1834316	0.851	1.041
3)	MA gamma-BHC...	3.992	4.631	1684802	1674354	1.406	0.975 #
4)	MA Heptachlor	4.278	5.137	941656	1831624	0.884	1.057
5)	MB Aldrin	4.516	5.441	1001577	1858423	0.915	1.110
6)	B beta-BHC	4.241	4.800	324920	797090	0.645	1.003 #
7)	B delta-BHC	4.437	0.000	1018371	0	0.884	N.D. #
8)	B Heptachlo...	4.953	5.823	1034862	1730266	1.006	1.071
9)	A Endosulfan I	5.284	6.180	932167	2096320	0.956	1.335 #
10)	B gamma-Chl...	5.175	6.058	1169273	4849894	1.096	2.813 #
11)	B alpha-Chl...	5.233	6.131	1097656	2828510	1.040	1.646 #
12)	B 4,4'-DDE	5.401	6.287	878281	1525289	0.892	0.954
13)	MA Dieldrin	5.524	6.436	1013380	1934574	0.955	1.145
14)	MA Endrin	5.777	6.653	1043972	1423722	1.089	0.987
15)	B Endosulfa...	6.051	6.861	966446	2161189	0.997	1.392 #
16)	A 4,4'-DDD	5.912	6.775	727420	1557961	0.905	1.140 #
17)	MA 4,4'-DDT	0.000	7.074	0	1276339	N.D.	0.956 #
18)	B Endrin al...	6.220	6.985	1113896	1849698	1.333	1.379
19)	B Endosulfa...	6.430	7.207	2392772	1697894	2.671	1.167 #
20)	A Methoxychlor	0.000	7.529	0	923453	N.D.	1.154 #
21)	B Endrin ke...	0.000	7.676	0	1880615	N.D.	1.134 #
22)	Mirex	7.089	8.129	1389283	1550552	1.685	1.281
24)	Chlordane-2	0.000	5.441f	0	1858423	N.D.	35.378 #
25)	Chlordane-3	5.175	6.058	1169273	4849894	12.159	22.148 #
26)	Chlordane-4	5.233	6.131	1097656	2828510	13.052	10.753
27)	Chlordane-5	6.051	0.000	966446	0	31.829	N.D. #

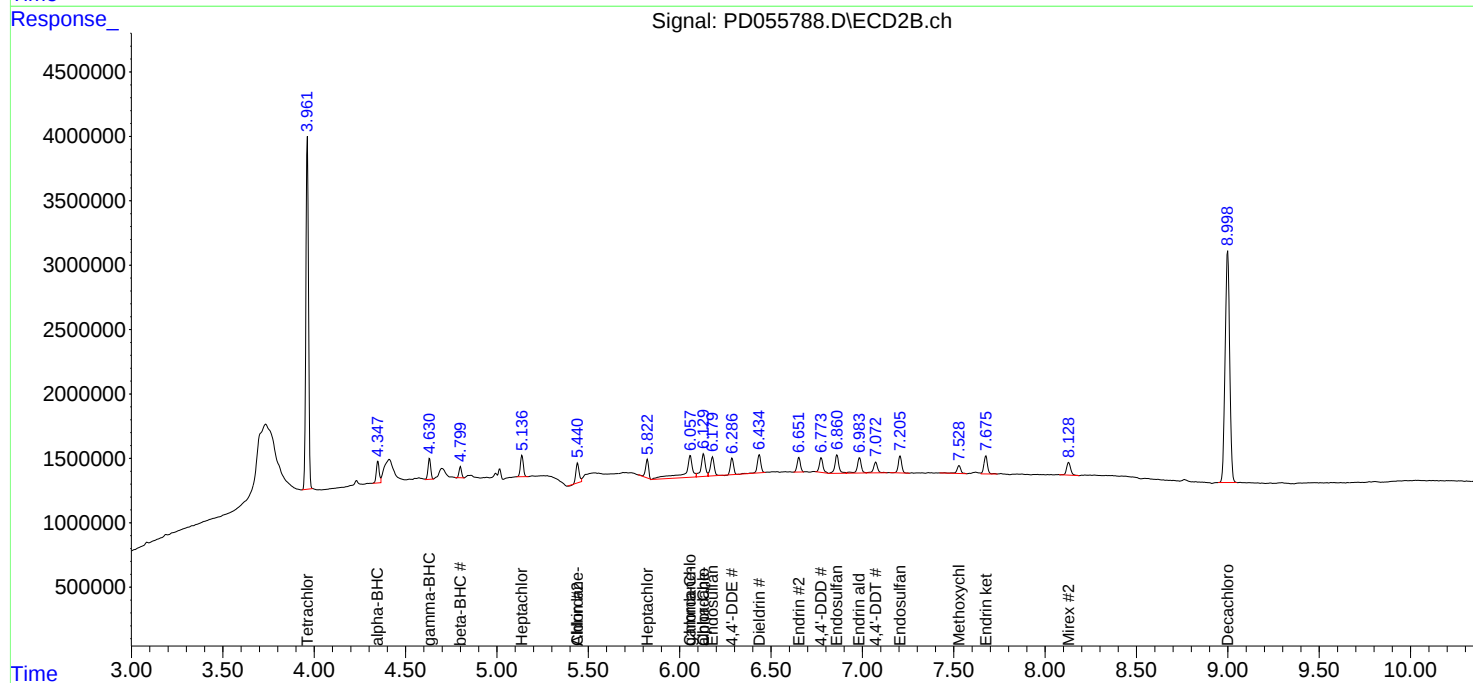
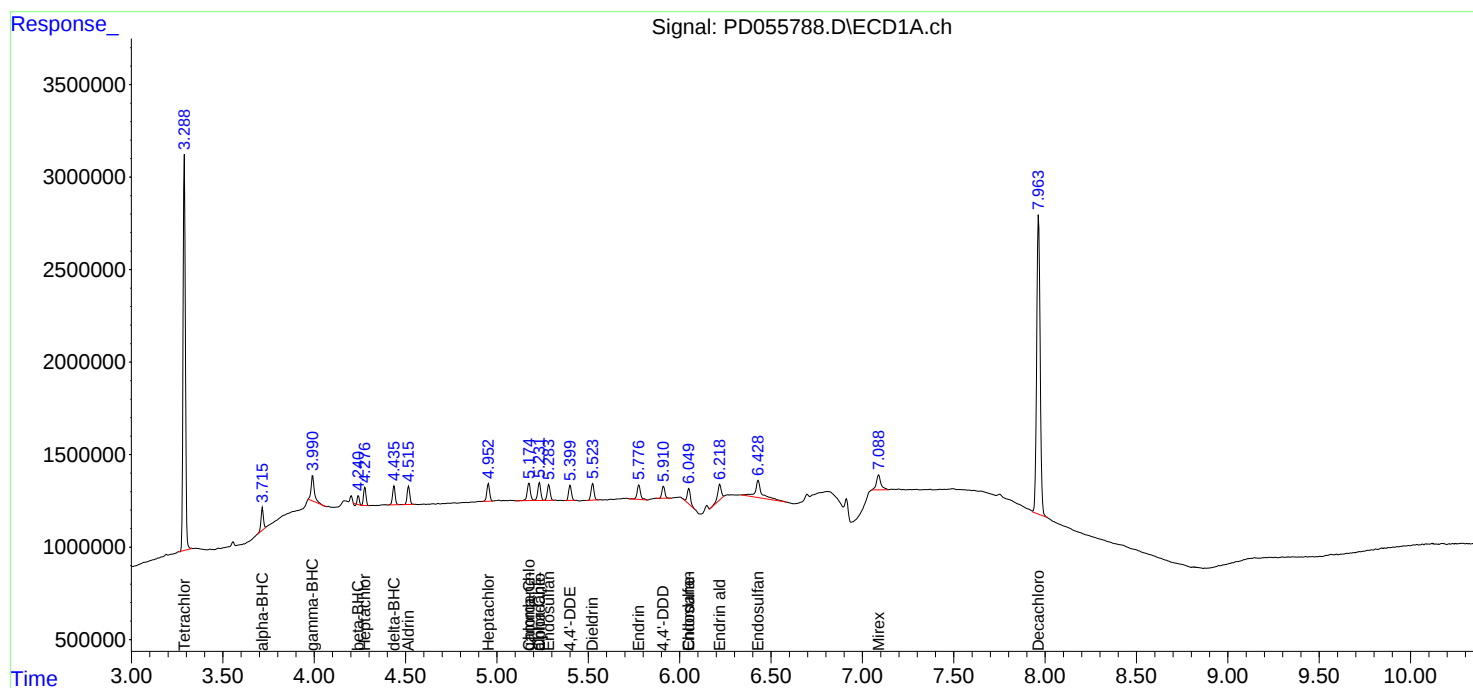
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

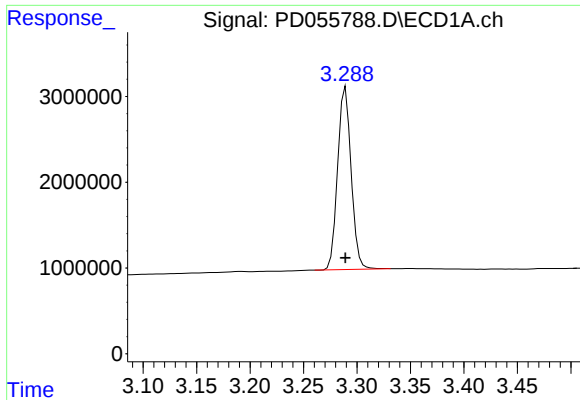
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110219\
Data File : PD055788.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2019 10:44
Operator : SG\AJ
Sample : K5111-03
Misc : PEST MDL 1 PPB
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 11:55:35 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
Quant Title : GC Extractables
QLast Update : Thu Oct 31 06:48:28 2019
Response via : Initial Calibration
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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

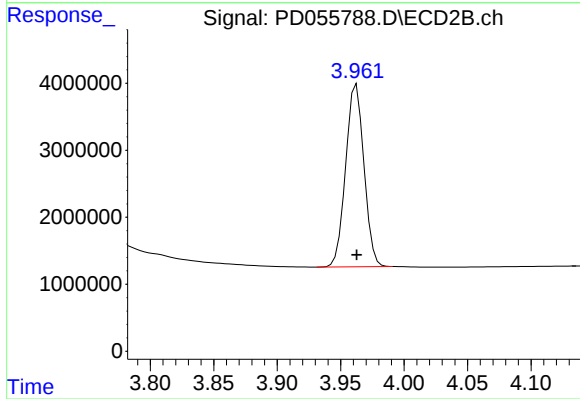




#1 Tetrachloro-m-xylene

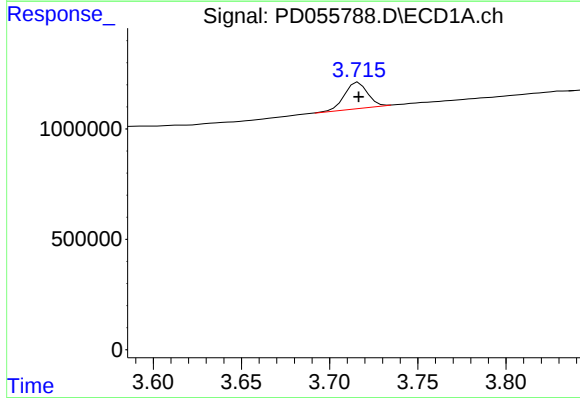
R.T.: 3.289 min
Delta R.T.: 0.000 min
Response: 18742025
Conc: 21.98 ng/ml

Instrument :
ECD_D
ClientSampleId :



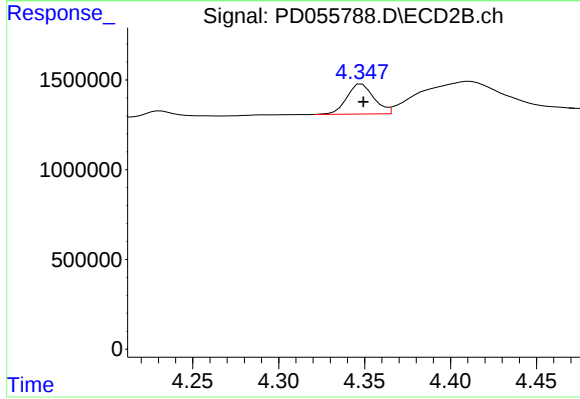
#1 Tetrachloro-m-xylene

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 27300146
Conc: 22.67 ng/ml



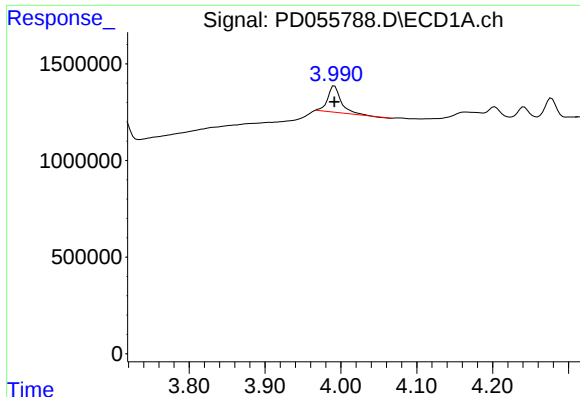
#2 alpha-BHC

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 1080834
Conc: 0.85 ng/ml



#2 alpha-BHC

R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 1834316
Conc: 1.04 ng/ml



#3 gamma-BHC (Lindane)

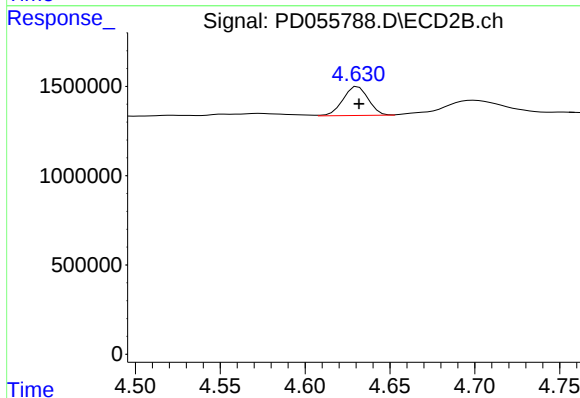
R.T.: 3.992 min

Delta R.T.: 0.000 min

Response: 1684802

Conc: 1.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



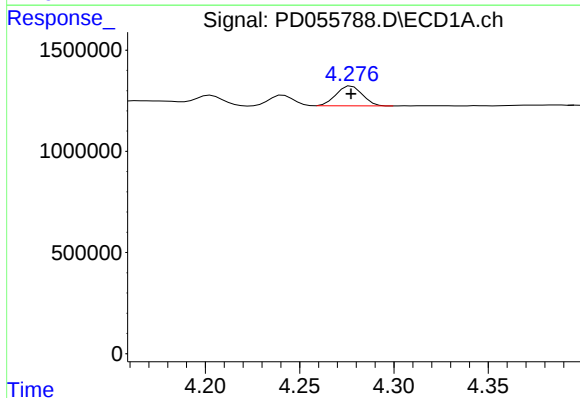
#3 gamma-BHC (Lindane)

R.T.: 4.631 min

Delta R.T.: 0.000 min

Response: 1674354

Conc: 0.98 ng/ml



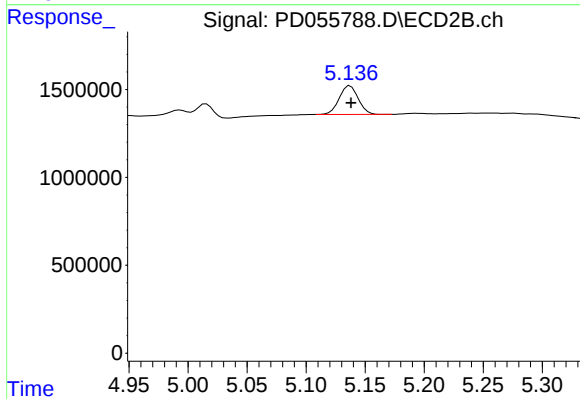
#4 Heptachlor

R.T.: 4.278 min

Delta R.T.: 0.000 min

Response: 941656

Conc: 0.88 ng/ml



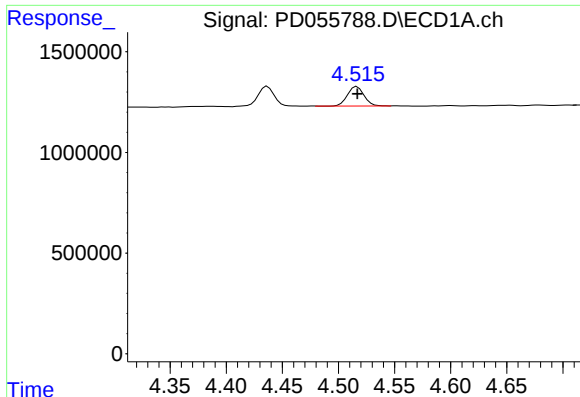
#4 Heptachlor

R.T.: 5.137 min

Delta R.T.: 0.000 min

Response: 1831624

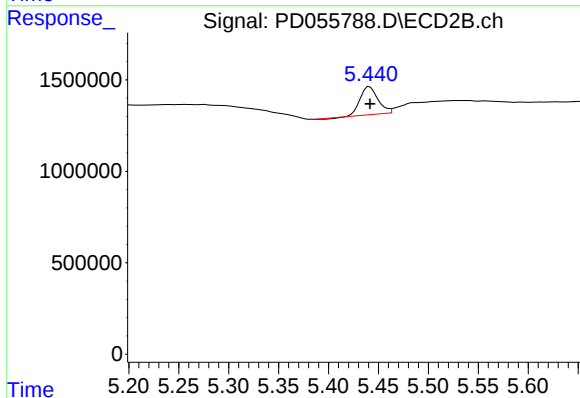
Conc: 1.06 ng/ml



#5 Aldrin

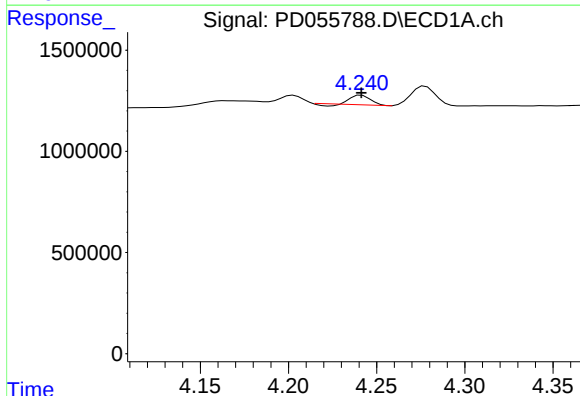
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 1001577
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :



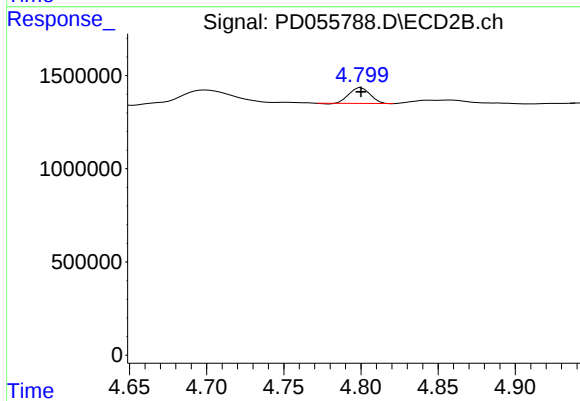
#5 Aldrin

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 1858423
Conc: 1.11 ng/ml



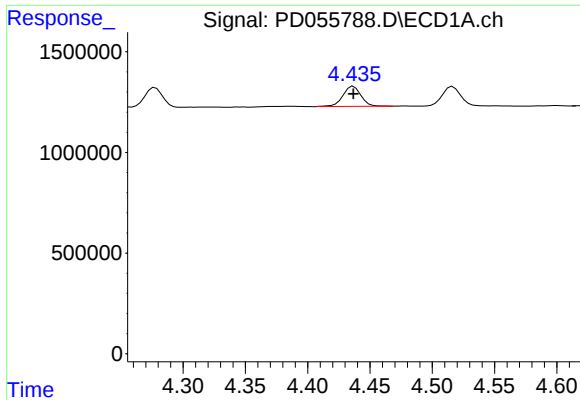
#6 beta-BHC

R.T.: 4.241 min
Delta R.T.: 0.000 min
Response: 324920
Conc: 0.64 ng/ml



#6 beta-BHC

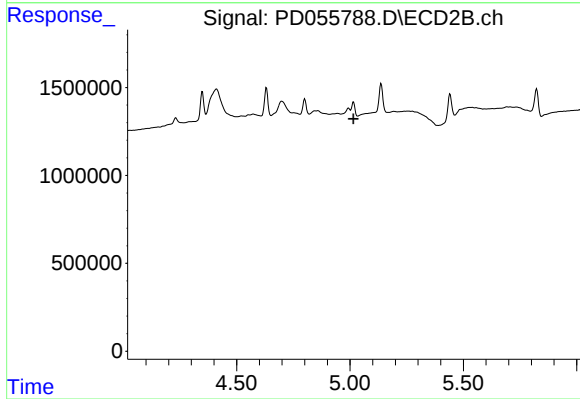
R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 797090
Conc: 1.00 ng/ml



#7 delta-BHC

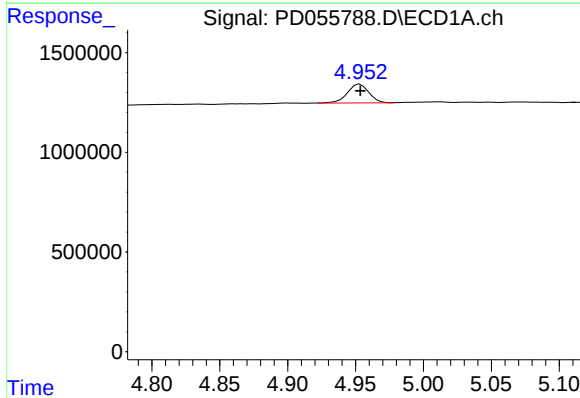
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 1018371
Conc: 0.88 ng/ml

Instrument :
ECD_D
ClientSampleId :



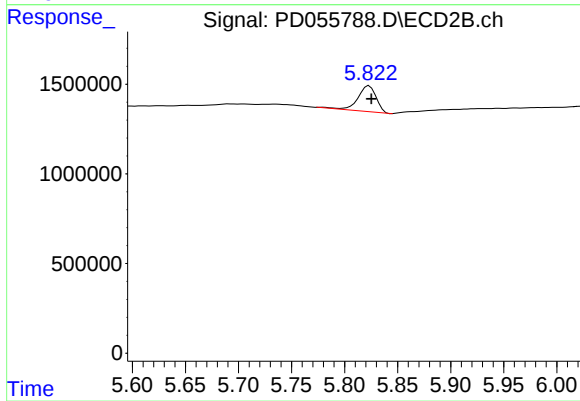
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 5.016 min
Response: 0
Conc: N.D.



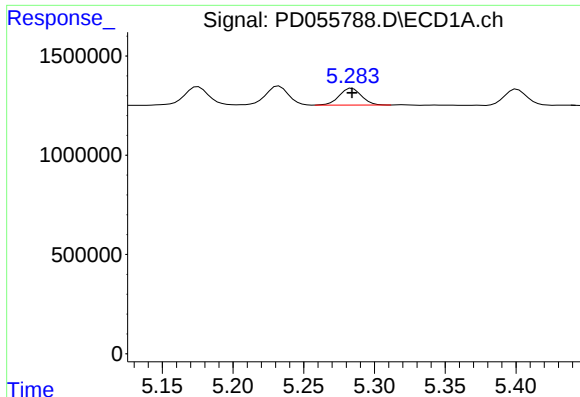
#8 Heptachlor epoxide

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 1034862
Conc: 1.01 ng/ml



#8 Heptachlor epoxide

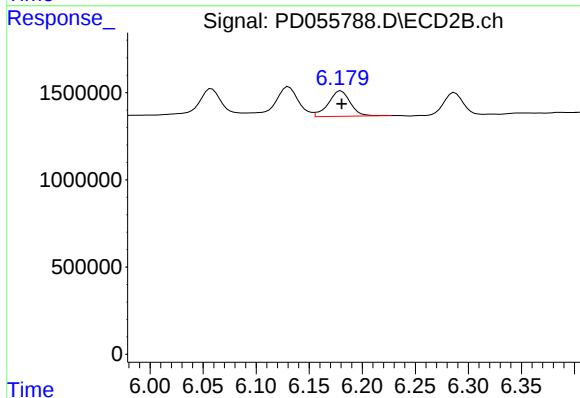
R.T.: 5.823 min
Delta R.T.: -0.002 min
Response: 1730266
Conc: 1.07 ng/ml



#9 Endosulfan I

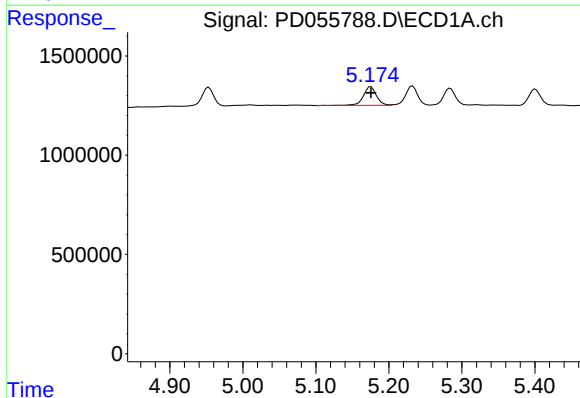
R.T.: 5.284 min
Delta R.T.: 0.000 min
Response: 932167
Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :



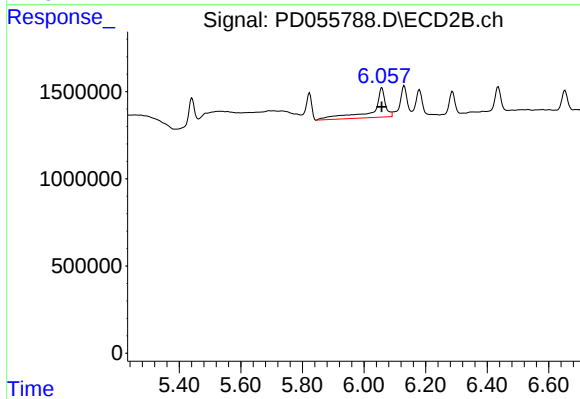
#9 Endosulfan I

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 2096320
Conc: 1.33 ng/ml



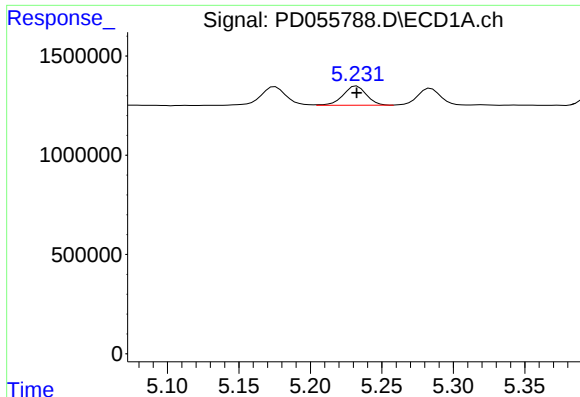
#10 gamma-Chlordane

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 1169273
Conc: 1.10 ng/ml



#10 gamma-Chlordane

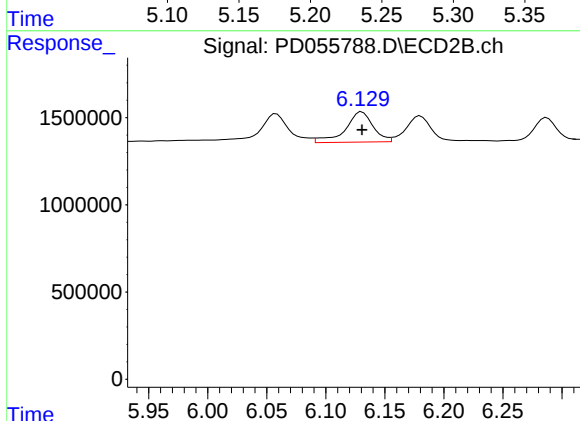
R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 4849894
Conc: 2.81 ng/ml



#11 alpha-Chlordane

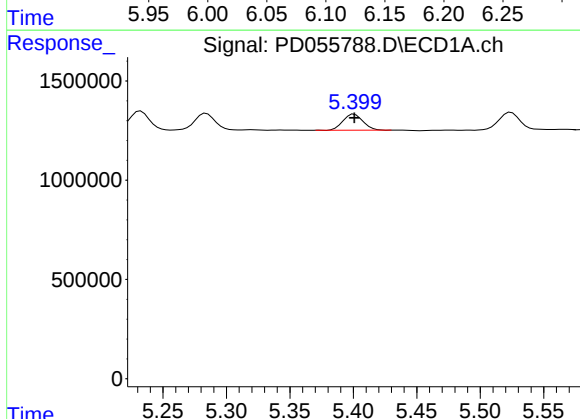
R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 1097656
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



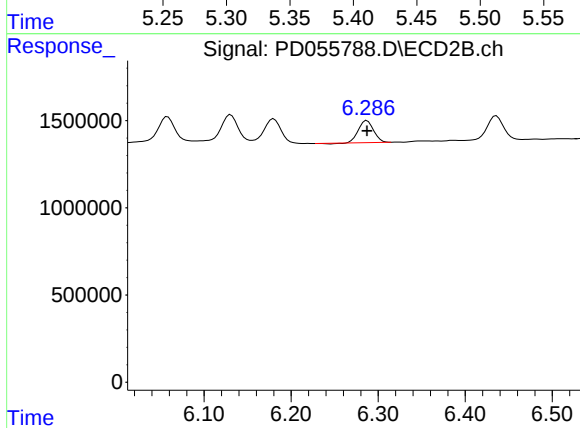
#11 alpha-Chlordane

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 2828510
Conc: 1.65 ng/ml



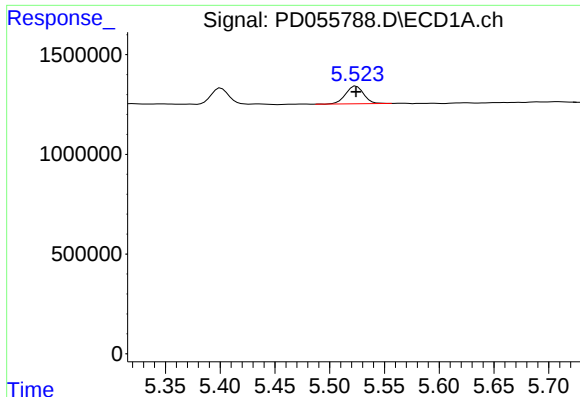
#12 4,4'-DDE

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 878281
Conc: 0.89 ng/ml



#12 4,4'-DDE

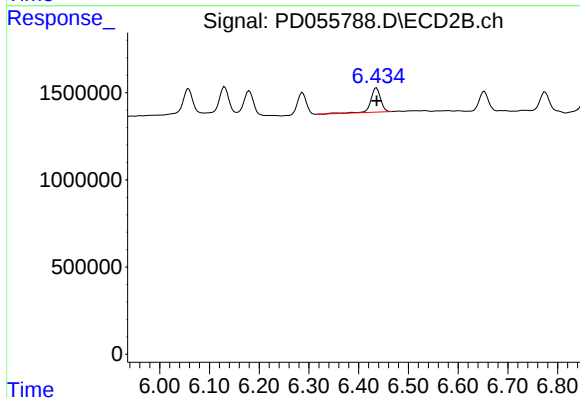
R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 1525289
Conc: 0.95 ng/ml



#13 Dieldrin

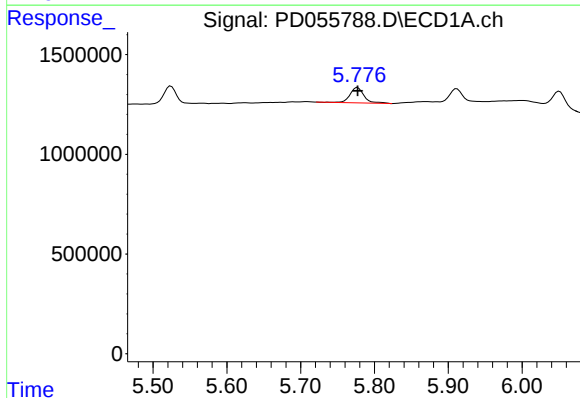
R.T.: 5.524 min
Delta R.T.: 0.000 min
Response: 1013380
Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :



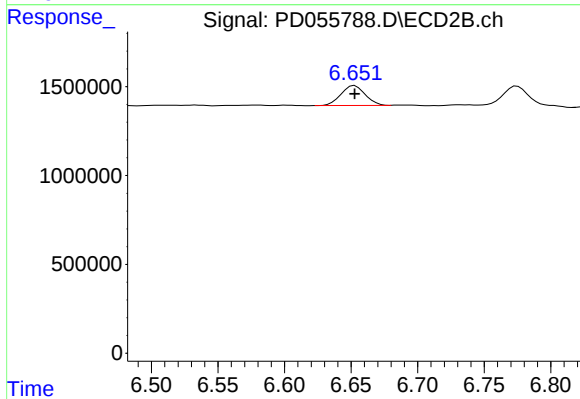
#13 Dieldrin

R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 1934574
Conc: 1.14 ng/ml



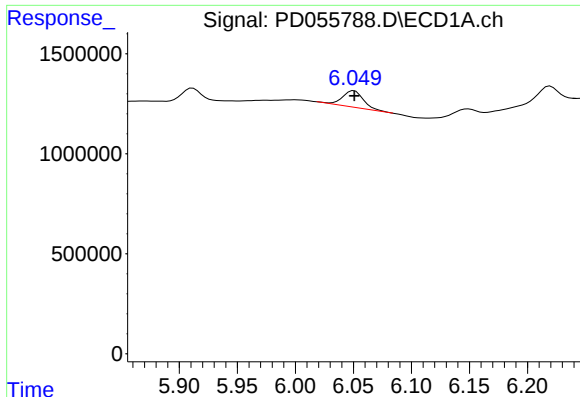
#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 1043972
Conc: 1.09 ng/ml



#14 Endrin

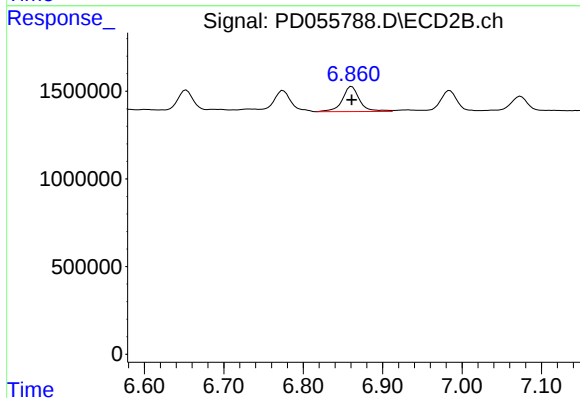
R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 1423722
Conc: 0.99 ng/ml



#15 Endosulfan II

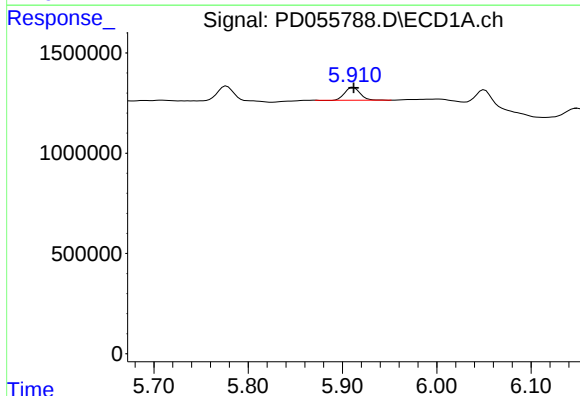
R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 966446
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :



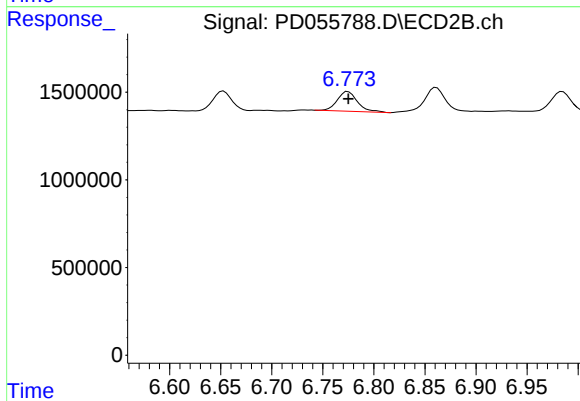
#15 Endosulfan II

R.T.: 6.861 min
Delta R.T.: 0.000 min
Response: 2161189
Conc: 1.39 ng/ml



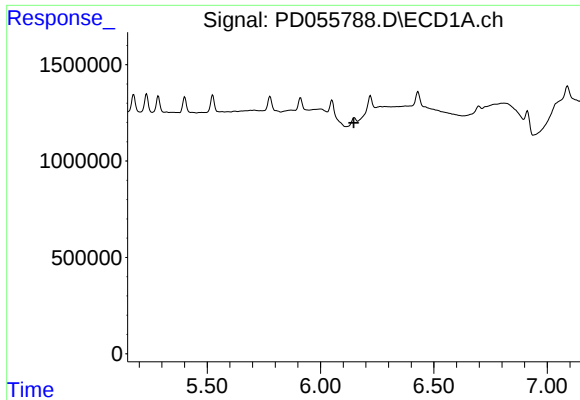
#16 4,4'-DDD

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 727420
Conc: 0.90 ng/ml



#16 4,4'-DDD

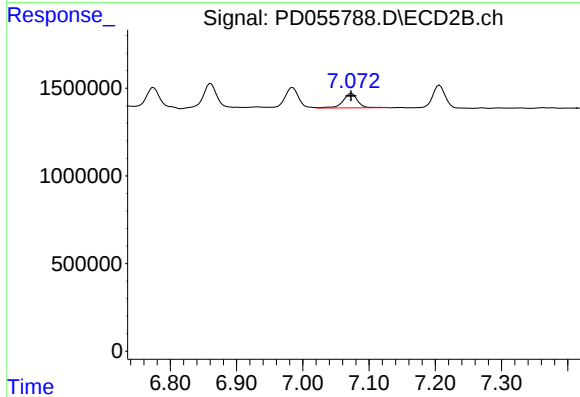
R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 1557961
Conc: 1.14 ng/ml



#17 4,4'-DDT

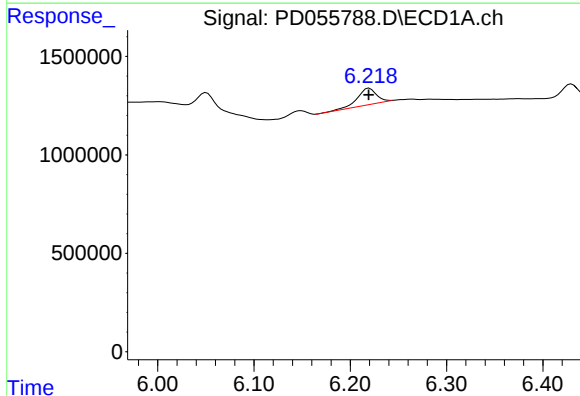
R.T.: 0.000 min
Exp R.T.: 6.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



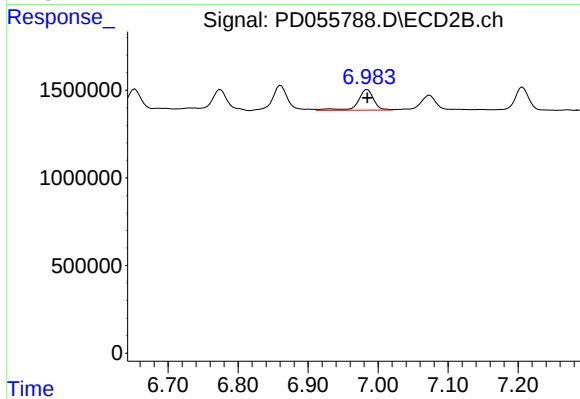
#17 4,4'-DDT

R.T.: 7.074 min
Delta R.T.: 0.001 min
Response: 1276339
Conc: 0.96 ng/ml



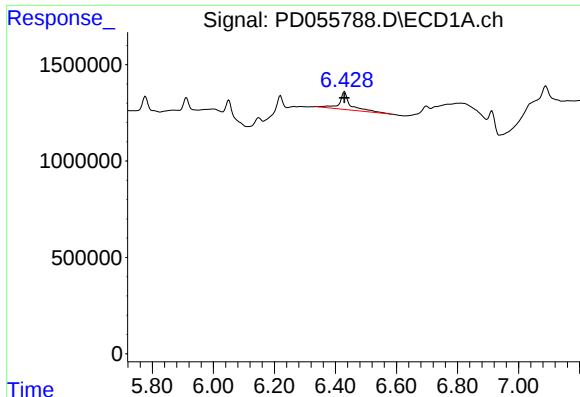
#18 Endrin aldehyde

R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 1113896
Conc: 1.33 ng/ml



#18 Endrin aldehyde

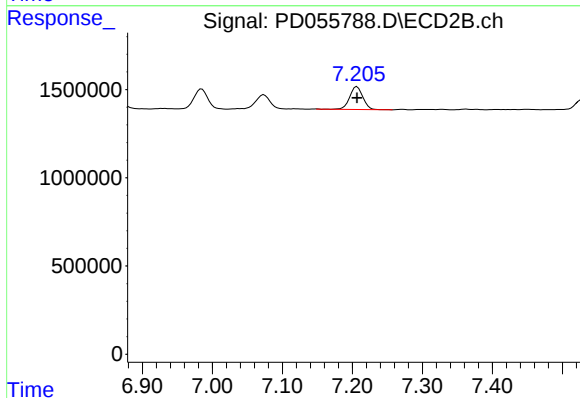
R.T.: 6.985 min
Delta R.T.: 0.000 min
Response: 1849698
Conc: 1.38 ng/ml



#19 Endosulfan Sulfate

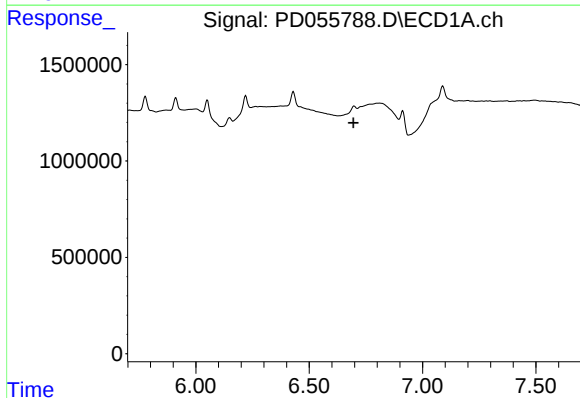
R.T.: 6.430 min
Delta R.T.: 0.000 min
Response: 2392772
Conc: 2.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



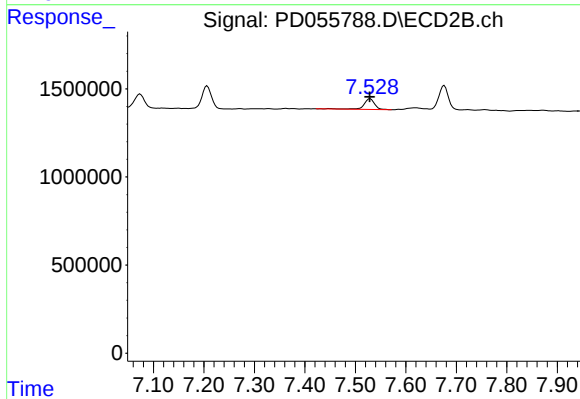
#19 Endosulfan Sulfate

R.T.: 7.207 min
Delta R.T.: 0.000 min
Response: 1697894
Conc: 1.17 ng/ml



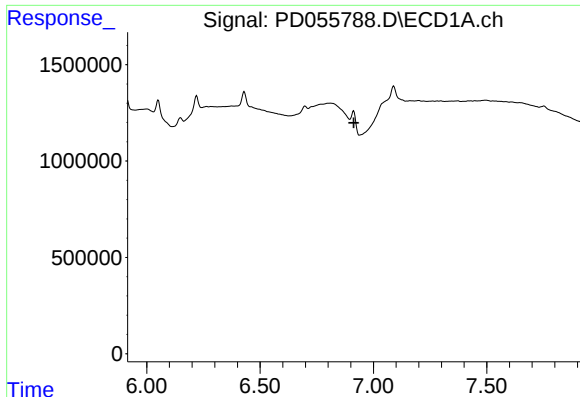
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 6.696 min
Response: 0
Conc: N.D.



#20 Methoxychlor

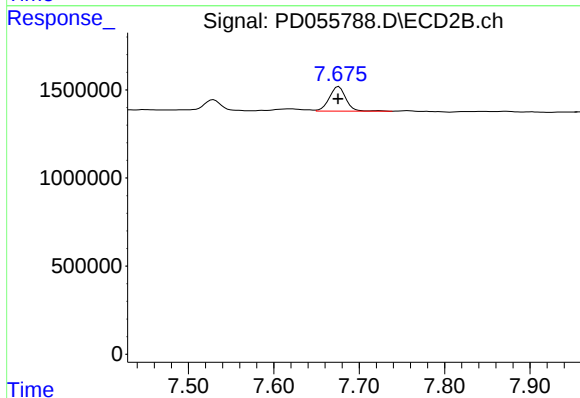
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 923453
Conc: 1.15 ng/ml



#21 Endrin ketone

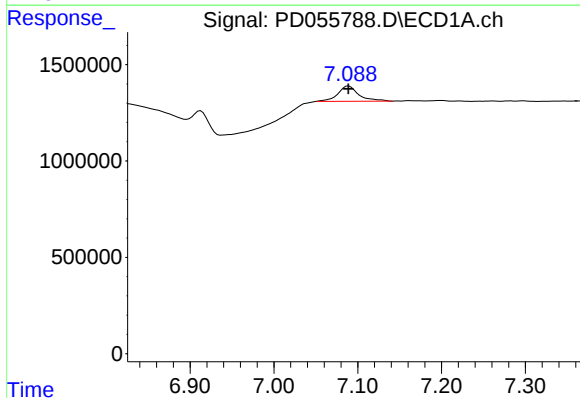
R.T.: 0.000 min
Exp R.T.: 6.914 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



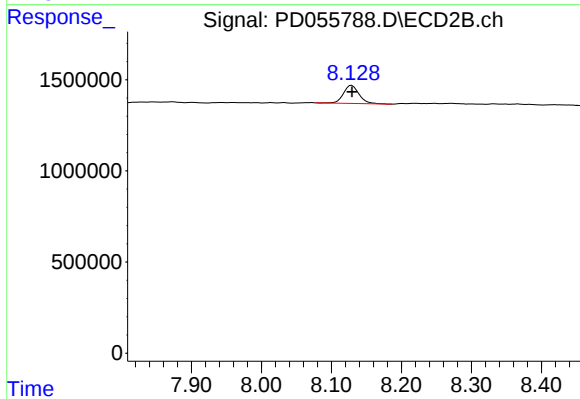
#21 Endrin ketone

R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 1880615
Conc: 1.13 ng/ml



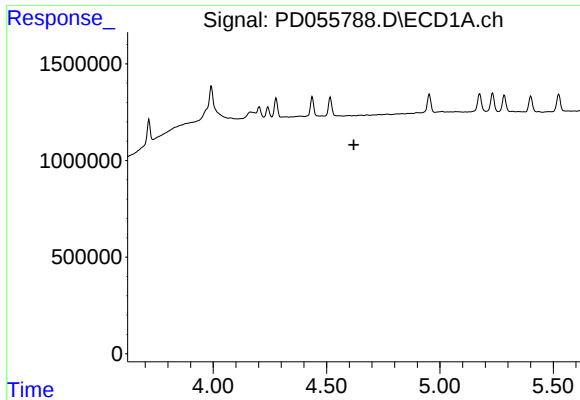
#22 Mirex

R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 1389283
Conc: 1.68 ng/ml



#22 Mirex

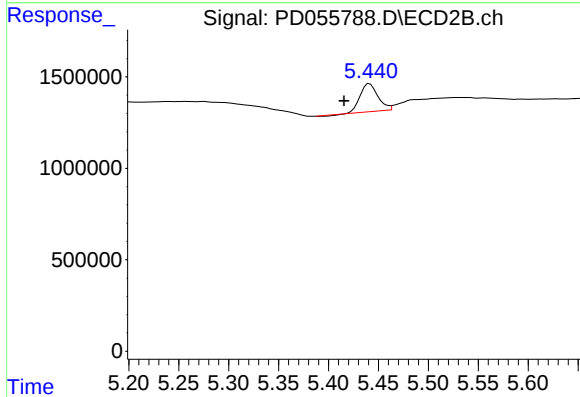
R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 1550552
Conc: 1.28 ng/ml



#24 Chlordane-2

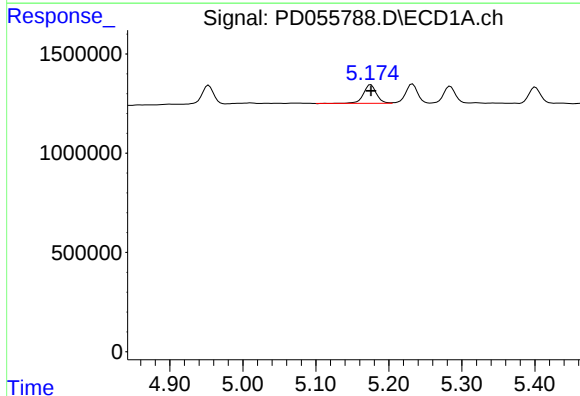
R.T.: 0.000 min
Exp R.T.: 4.621 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



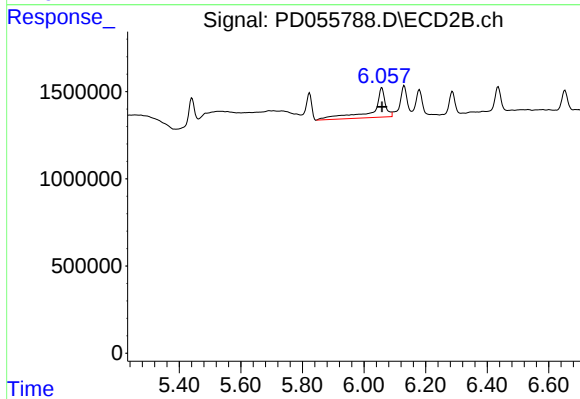
#24 Chlordane-2

R.T.: 5.441 min
Delta R.T.: 0.026 min
Response: 1858423
Conc: 35.38 ng/ml



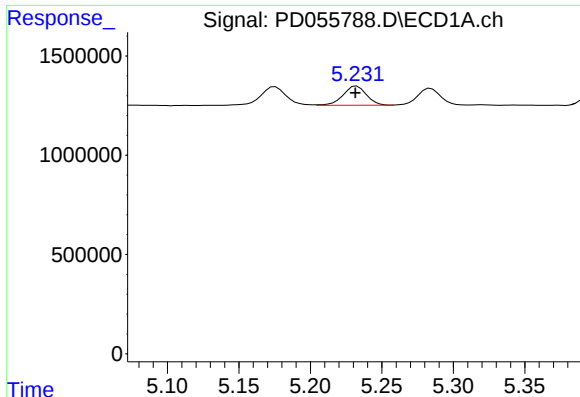
#25 Chlordane-3

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 1169273
Conc: 12.16 ng/ml



#25 Chlordane-3

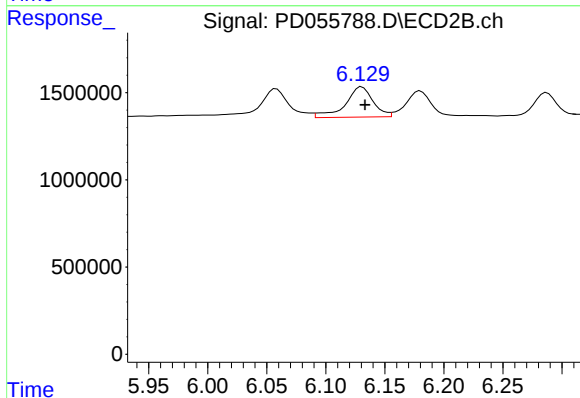
R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 4849894
Conc: 22.15 ng/ml



#26 Chlordane-4

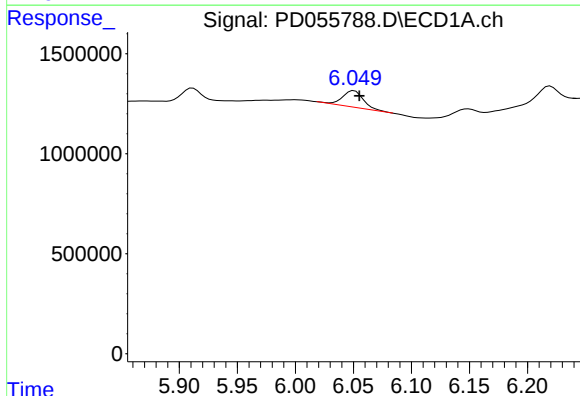
R.T.: 5.233 min
Delta R.T.: 0.001 min
Response: 1097656
Conc: 13.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



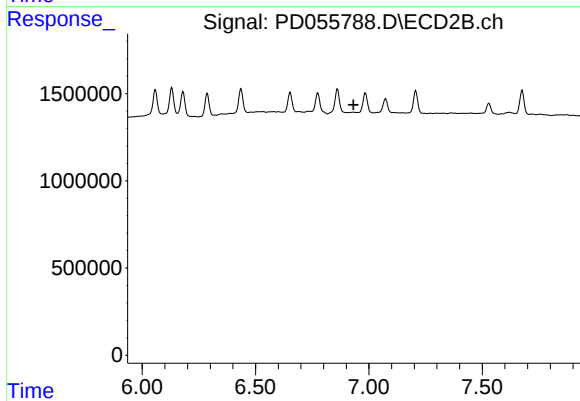
#26 Chlordane-4

R.T.: 6.131 min
Delta R.T.: -0.002 min
Response: 2828510
Conc: 10.75 ng/ml



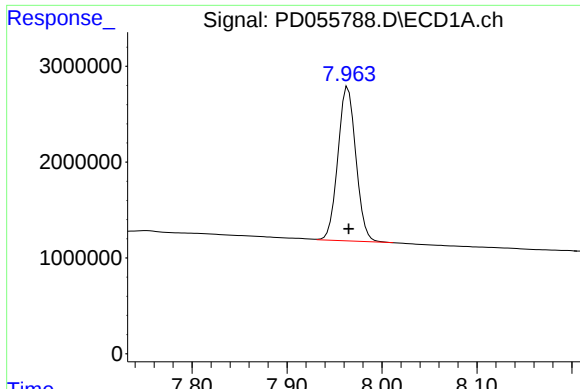
#27 Chlordane-5

R.T.: 6.051 min
Delta R.T.: -0.005 min
Response: 966446
Conc: 31.83 ng/ml



#27 Chlordane-5

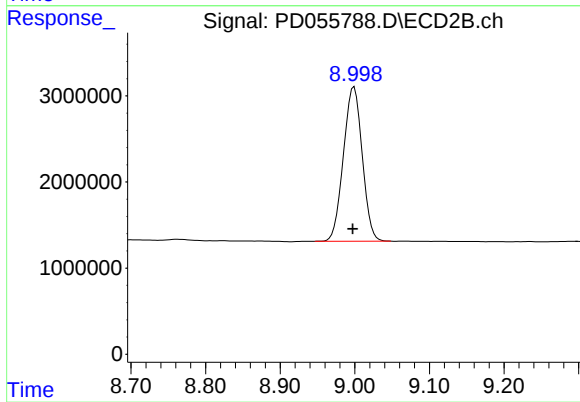
R.T.: 0.000 min
Exp R.T.: 6.933 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.964 min
Delta R.T.: 0.000 min
Response: 21141176
Conc: 22.35 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: 0.002 min
Response: 31381251
Conc: 22.55 ng/ml