

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121223\
 Data File : PD080032.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Dec 2023 09:48
 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: Dec 12 13:58:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120623.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 06 14:11:45 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.568	2.800	30533835	49158854	20.259	19.556
28)	SA Decachlor...	9.113	7.943	39343390	52474994	19.437	18.615
Target Compounds							
2)	A alpha-BHC	4.025	3.303	25173497	38222764	10.022	9.996
3)	MA gamma-BHC...	4.358	3.633	23904158	36285429	10.089	9.985
4)	MA Heptachlor	4.937	0.000	174322	0	0.071	N.D. #
5)	MB Aldrin	0.000	4.261	0	746438	N.D.	0.210 #
6)	B beta-BHC	4.552	3.928	11416412	17934031	11.408	11.617
7)	B delta-BHC	4.785f	0.000	715947	0	0.292	N.D. #
8)	B Heptachlo...	5.714	0.000	3532626	0	1.604	N.D. #
9)	A Endosulfan I	6.096	5.118	119209	363151	0.058	0.120 #
10)	B gamma-Chl...	6.006f	0.000	736853	0	0.338	N.D. #
11)	B alpha-Chl...	6.077f	5.088f	924196	664235	0.428	0.207 #
12)	B 4,4'-DDE	6.228	5.264	176912	823408	0.088	0.273 #
13)	MA Dieldrin	6.400f	0.000	222788	0	0.102	N.D. #
14)	MA Endrin	6.613	5.667	83844363	137.3E6	46.234	48.864
15)	B Endosulfa...	6.841	5.978f	1397180	637044	0.733	0.233 #
16)	A 4,4'-DDD	6.745	5.815	1087656	1969574	0.649	0.765
17)	MA 4,4'-DDT	7.059	6.065	170.3E6	263.6E6	95.719	103.740
18)	B Endrin al...	6.961	6.140	2302291	4810557	1.607	2.343 #
20)	A Methoxychlor	7.533	6.640	220.1E6	335.5E6	222.664	229.415
21)	B Endrin ke...	7.682	6.867	4905651	8123450	2.369	2.599
22)	Mirex	8.182f	0.000	173023	0	0.106	N.D. #
24)	Chlordane-2	0.000	4.353f	0	197888	N.D.	1.731 #
25)	Chlordane-3	6.006f	0.000	736853	0	2.441	N.D. #
26)	Chlordane-4	6.077f	5.088f	924196	664235	2.552	2.258
27)	Chlordane-5	0.000	5.978	0	637044	N.D.	5.607 #

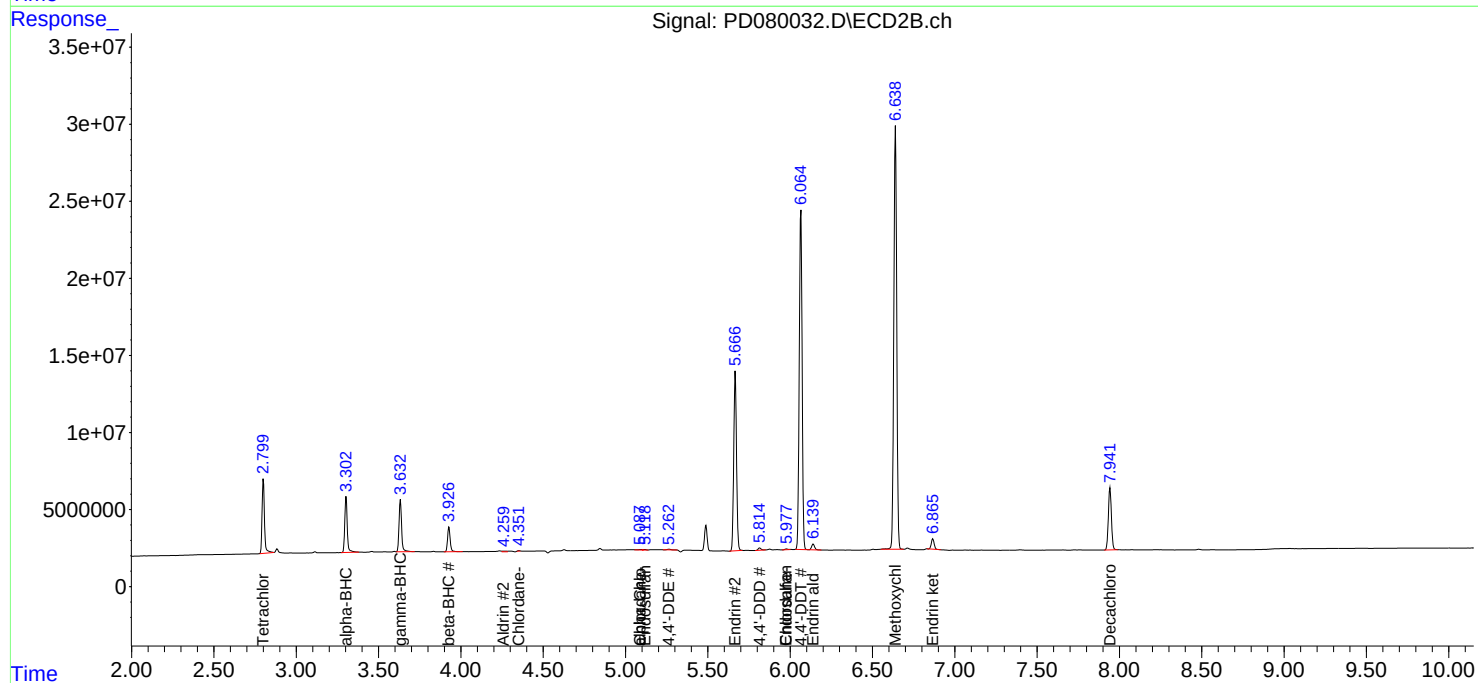
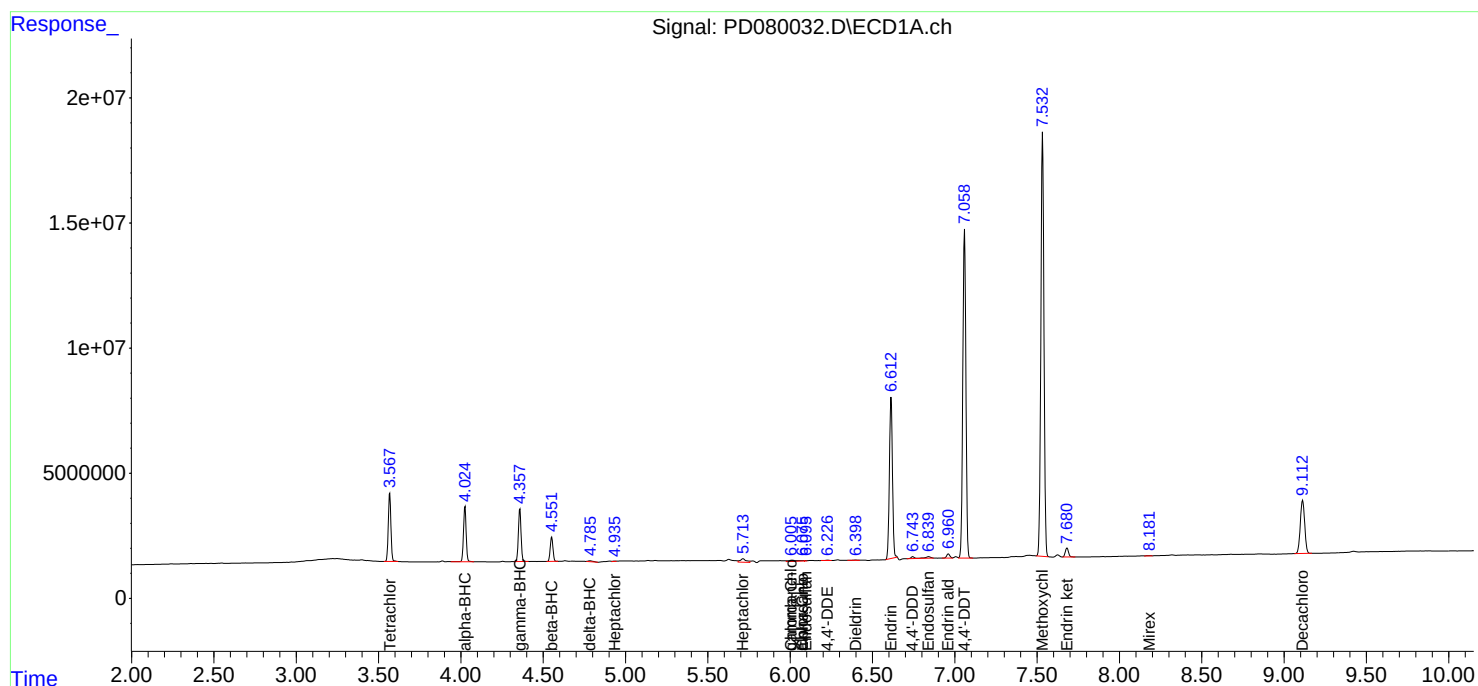
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

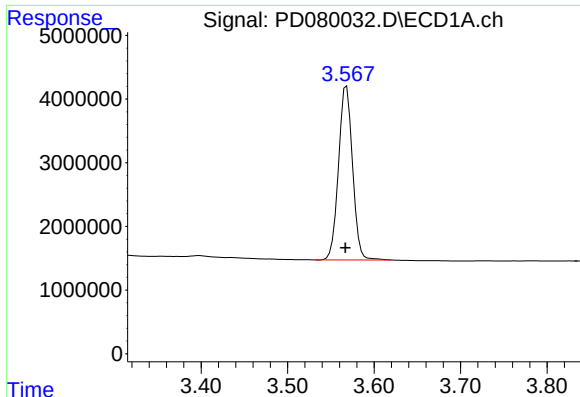
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121223\
Data File : PD080032.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Dec 2023 09:48
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 12 13:58:04 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120623.M
Quant Title : GC Extractables
QLast Update : Wed Dec 06 14:11:45 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

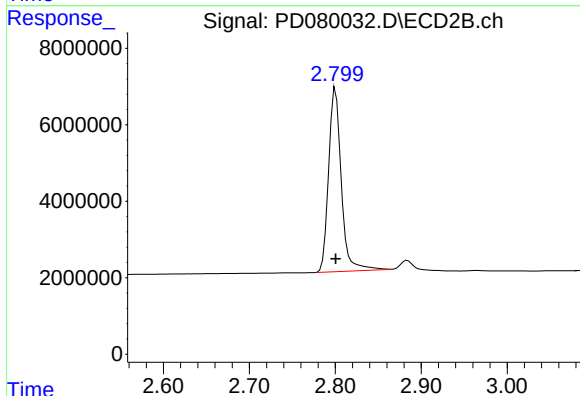




#1 Tetrachloro-m-xylene

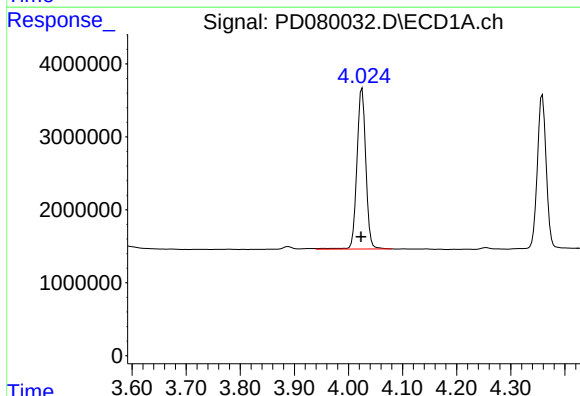
R.T.: 3.568 min
Delta R.T.: 0.001 min
Response: 30533835
Conc: 20.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



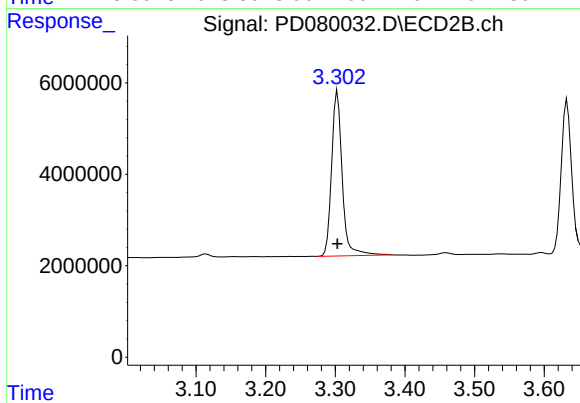
#1 Tetrachloro-m-xylene

R.T.: 2.800 min
Delta R.T.: 0.000 min
Response: 49158854
Conc: 19.56 ng/ml



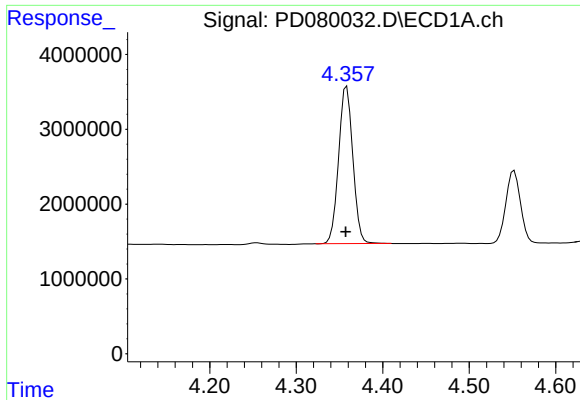
#2 alpha-BHC

R.T.: 4.025 min
Delta R.T.: 0.002 min
Response: 25173497
Conc: 10.02 ng/ml



#2 alpha-BHC

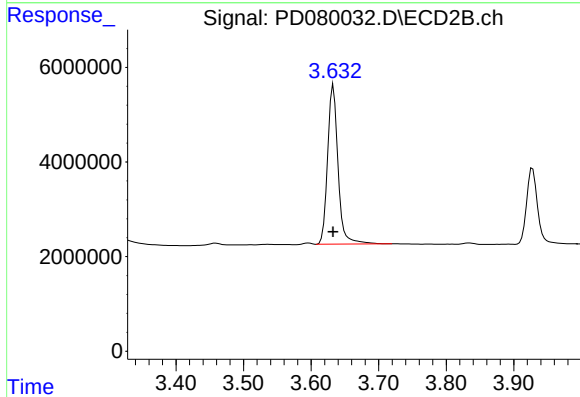
R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 38222764
Conc: 10.00 ng/ml



#3 gamma-BHC (Lindane)

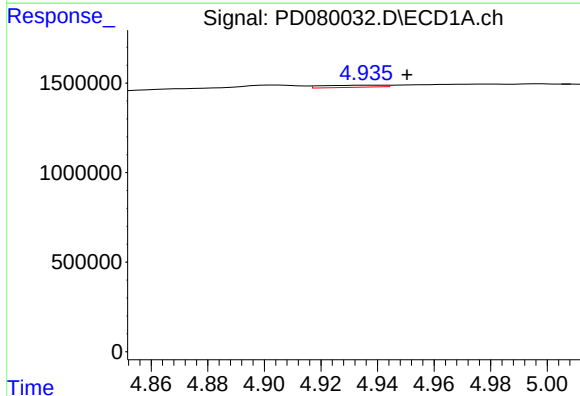
R.T.: 4.358 min
Delta R.T.: 0.001 min
Response: 23904158
Conc: 10.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



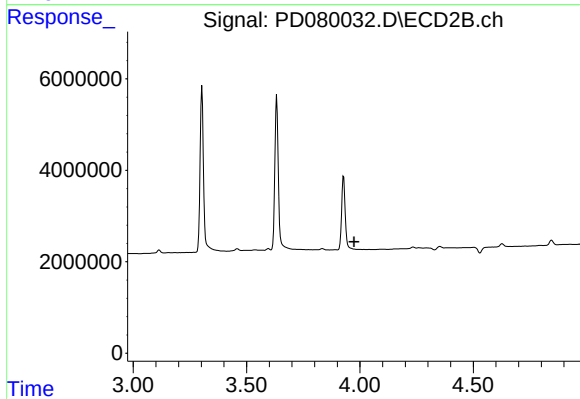
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 36285429
Conc: 9.98 ng/ml



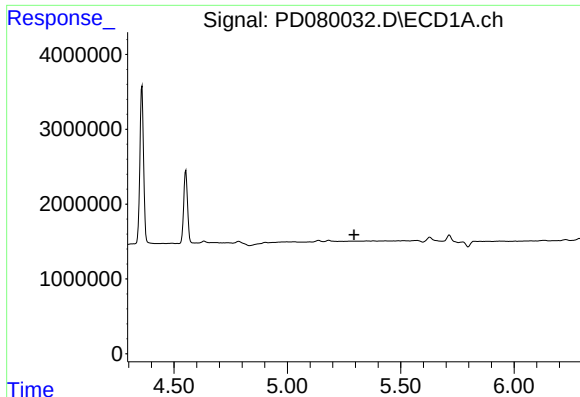
#4 Heptachlor

R.T.: 4.937 min
Delta R.T.: -0.013 min
Response: 174322
Conc: 0.07 ng/ml



#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 3.975 min
Response: 0
Conc: N.D.



#5 Aldrin

R.T.: 0.000 min
Exp R.T.: 5.294 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM

#5 Aldrin

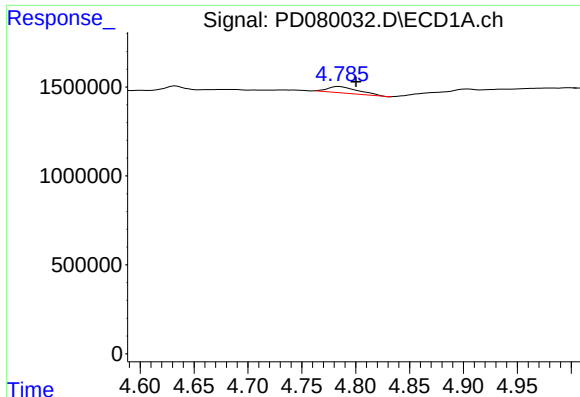
R.T.: 4.261 min
Delta R.T.: 0.006 min
Response: 746438
Conc: 0.21 ng/ml

#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.002 min
Response: 11416412
Conc: 11.41 ng/ml

#6 beta-BHC

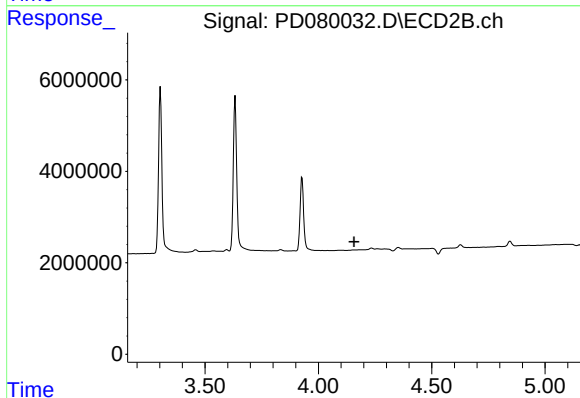
R.T.: 3.928 min
Delta R.T.: 0.000 min
Response: 17934031
Conc: 11.62 ng/ml



#7 delta-BHC

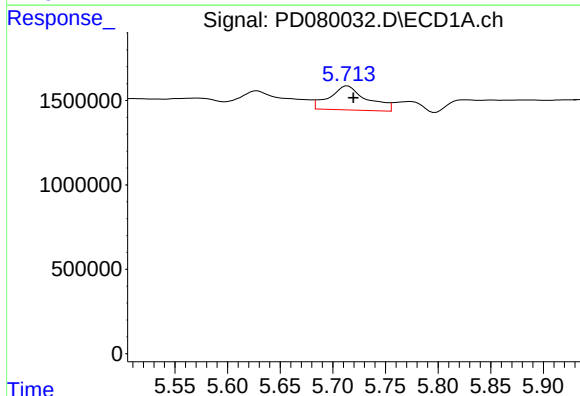
R.T.: 4.785 min
Delta R.T.: -0.016 min
Response: 715947
Conc: 0.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



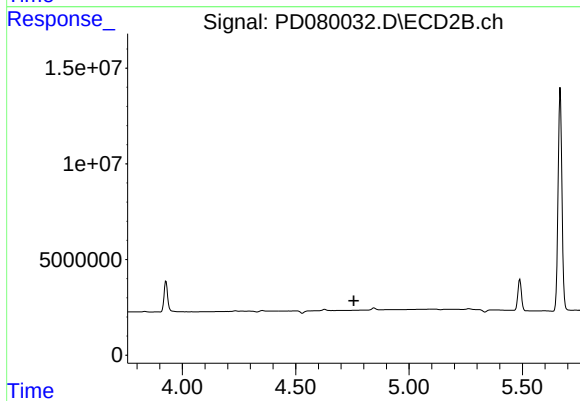
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.158 min
Response: 0
Conc: N.D.



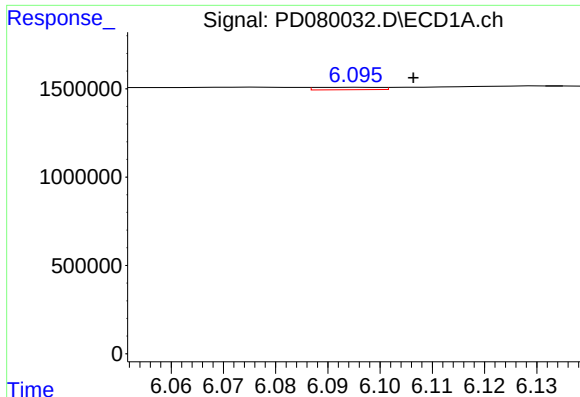
#8 Heptachlor epoxide

R.T.: 5.714 min
Delta R.T.: -0.005 min
Response: 3532626
Conc: 1.60 ng/ml



#8 Heptachlor epoxide

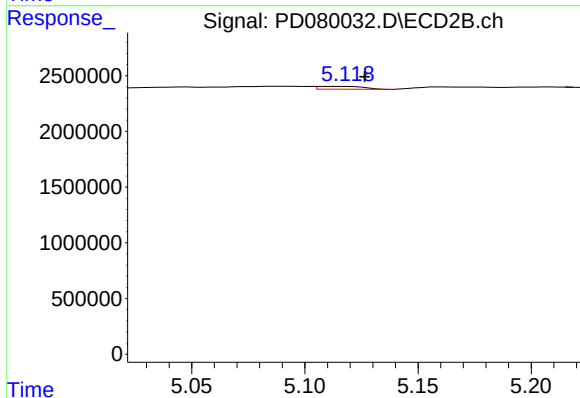
R.T.: 0.000 min
Exp R.T. : 4.756 min
Response: 0
Conc: N.D.



#9 Endosulfan I

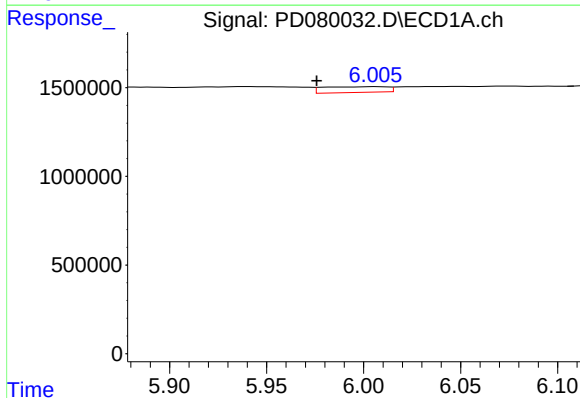
R.T.: 6.096 min
Delta R.T.: -0.011 min
Response: 119209
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



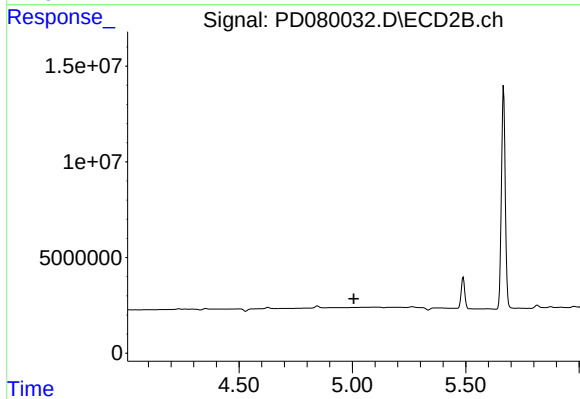
#9 Endosulfan I

R.T.: 5.118 min
Delta R.T.: -0.008 min
Response: 363151
Conc: 0.12 ng/ml



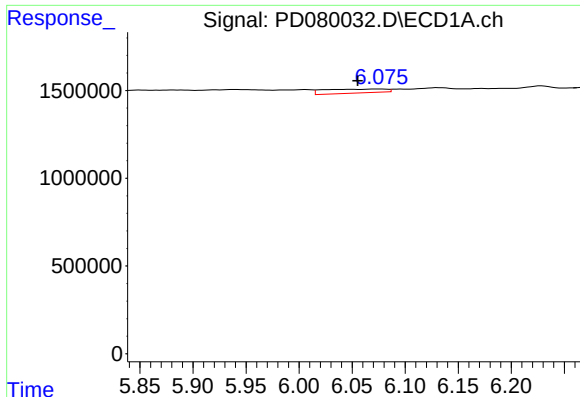
#10 gamma-Chlordane

R.T.: 6.006 min
Delta R.T.: 0.030 min
Response: 736853
Conc: 0.34 ng/ml



#10 gamma-Chlordane

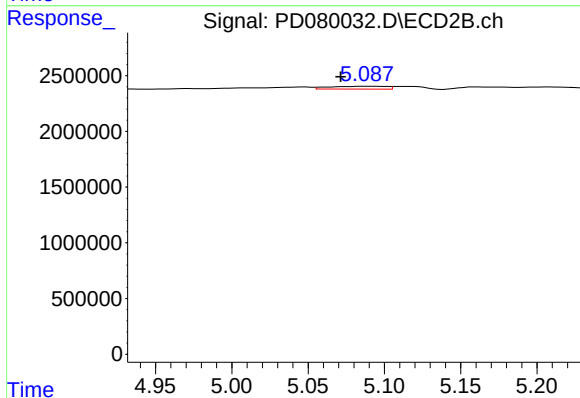
R.T.: 0.000 min
Exp R.T. : 5.007 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

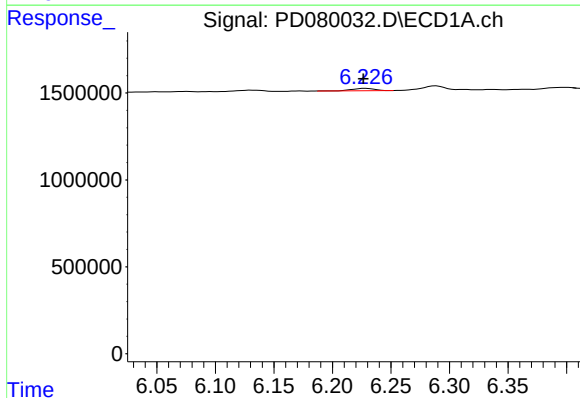
R.T.: 6.077 min
Delta R.T.: 0.021 min
Response: 924196
Conc: 0.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



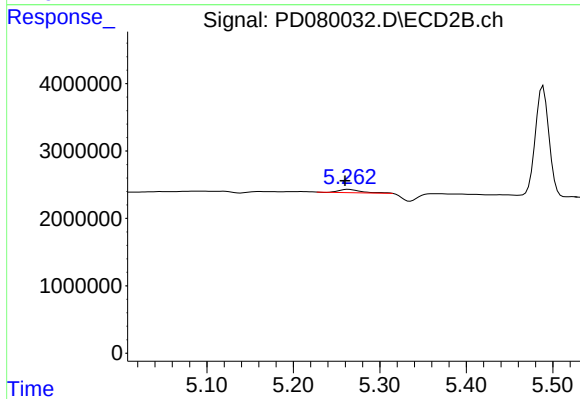
#11 alpha-Chlordane

R.T.: 5.088 min
Delta R.T.: 0.017 min
Response: 664235
Conc: 0.21 ng/ml



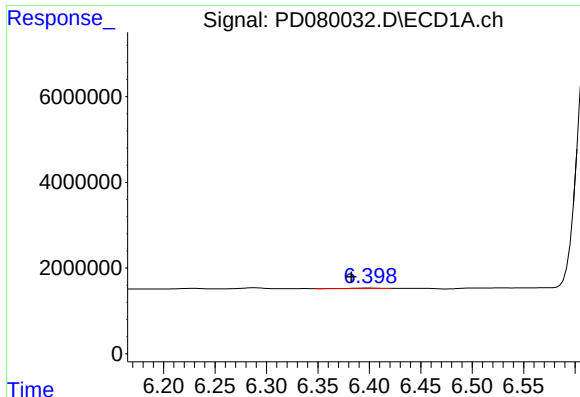
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.002 min
Response: 176912
Conc: 0.09 ng/ml



#12 4,4'-DDE

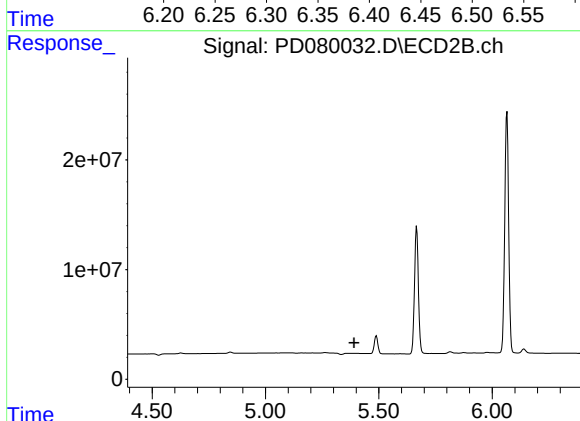
R.T.: 5.264 min
Delta R.T.: 0.004 min
Response: 823408
Conc: 0.27 ng/ml



#13 Dieldrin

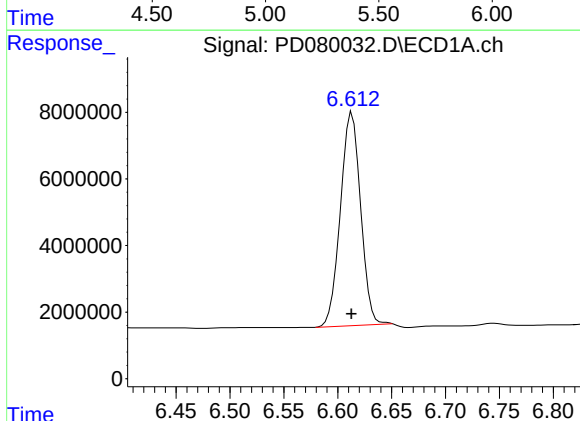
R.T.: 6.400 min
Delta R.T.: 0.017 min
Response: 222788
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



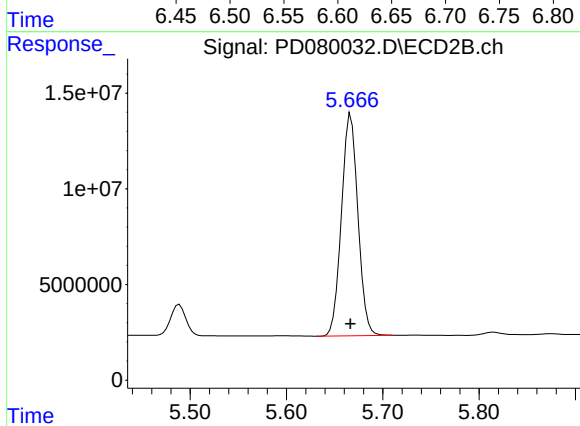
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.392 min
Response: 0
Conc: N.D.



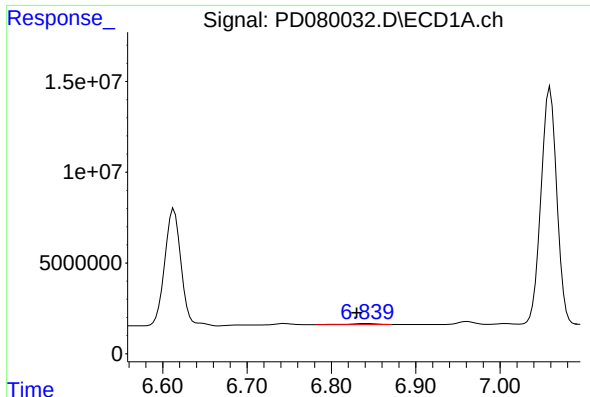
#14 Endrin

R.T.: 6.613 min
Delta R.T.: 0.000 min
Response: 83844363
Conc: 46.23 ng/ml



#14 Endrin

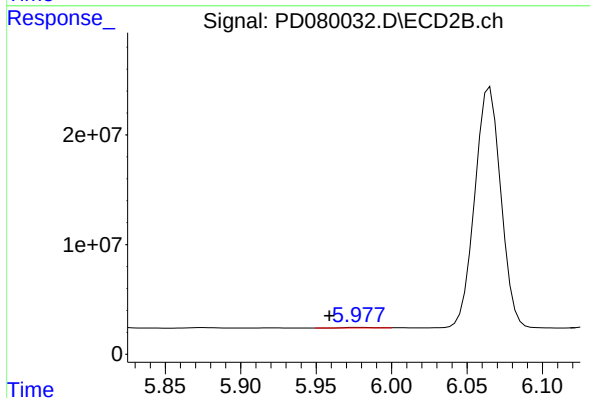
R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 137310070
Conc: 48.86 ng/ml



#15 Endosulfan II

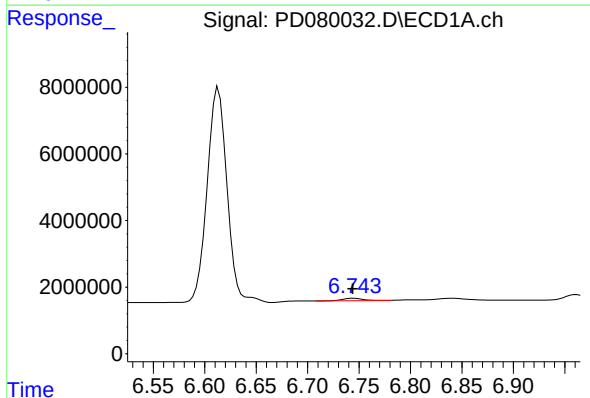
R.T.: 6.841 min
Delta R.T.: 0.011 min
Response: 1397180
Conc: 0.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



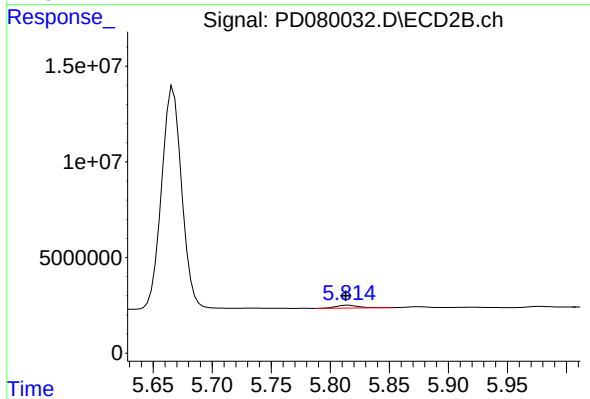
#15 Endosulfan II

R.T.: 5.978 min
Delta R.T.: 0.019 min
Response: 637044
Conc: 0.23 ng/ml



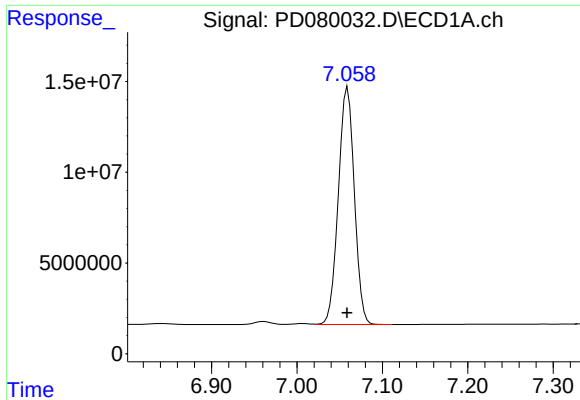
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 1087656
Conc: 0.65 ng/ml



#16 4,4'-DDD

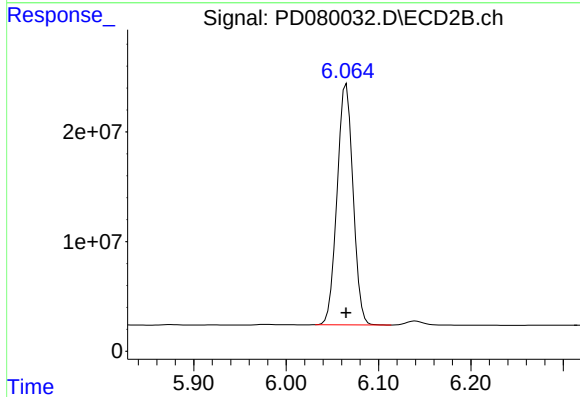
R.T.: 5.815 min
Delta R.T.: 0.002 min
Response: 1969574
Conc: 0.76 ng/ml



#17 4,4'-DDT

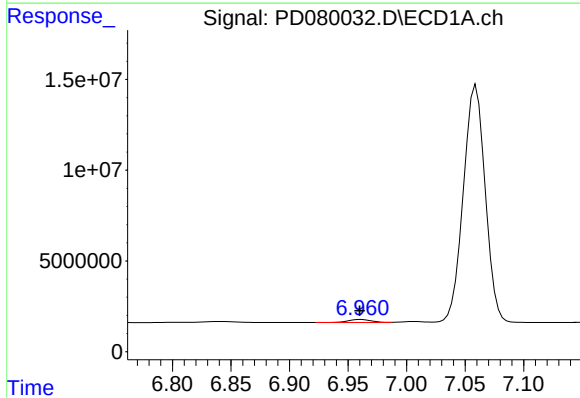
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 170297014
Conc: 95.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



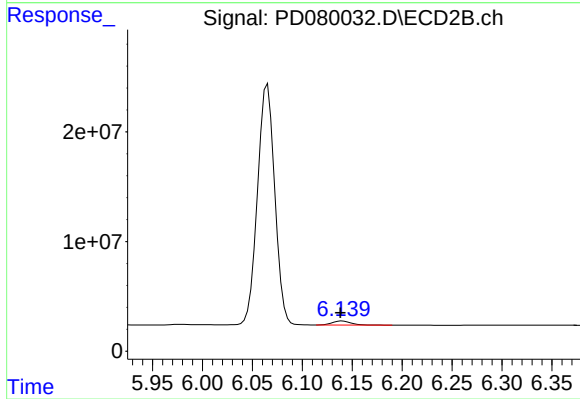
#17 4,4'-DDT

R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 263560814
Conc: 103.74 ng/ml



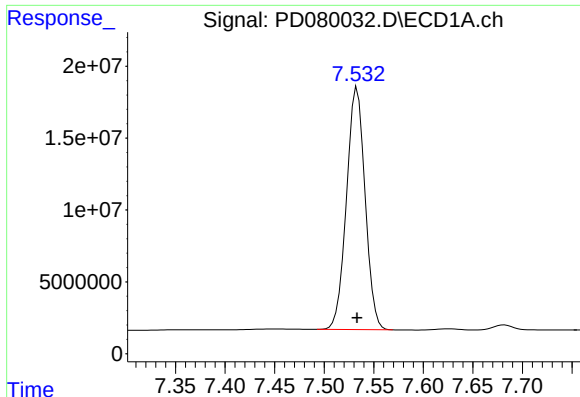
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.001 min
Response: 2302291
Conc: 1.61 ng/ml



#18 Endrin aldehyde

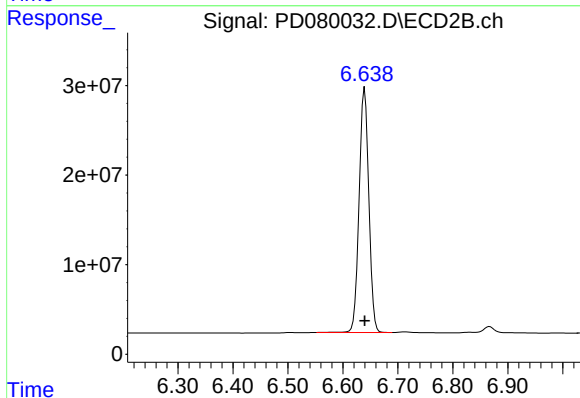
R.T.: 6.140 min
Delta R.T.: 0.002 min
Response: 4810557
Conc: 2.34 ng/ml



#20 Methoxychlor

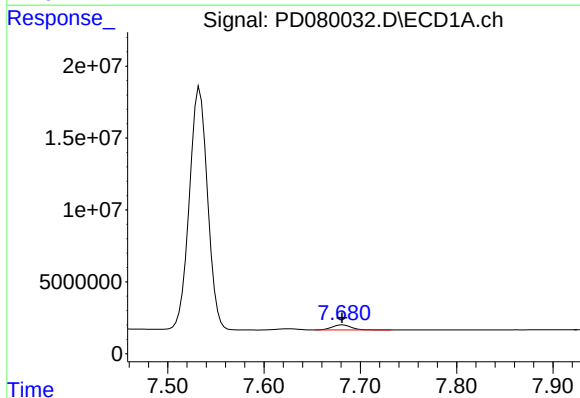
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 220079760
Conc: 222.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



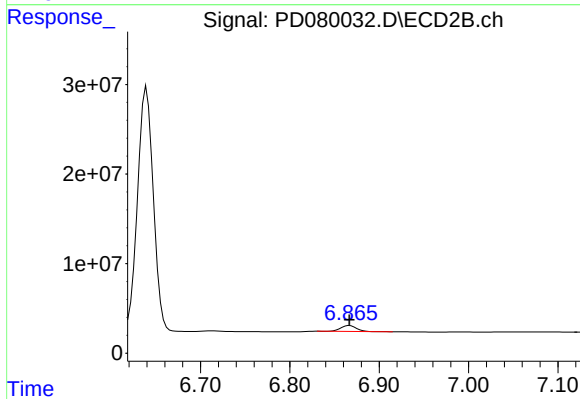
#20 Methoxychlor

R.T.: 6.640 min
Delta R.T.: 0.000 min
Response: 335478384
Conc: 229.41 ng/ml



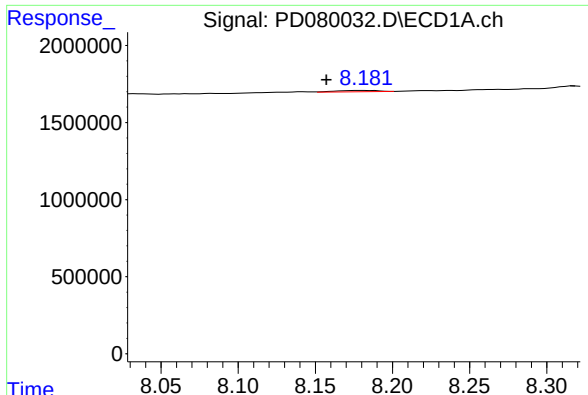
#21 Endrin ketone

R.T.: 7.682 min
Delta R.T.: 0.000 min
Response: 4905651
Conc: 2.37 ng/ml



#21 Endrin ketone

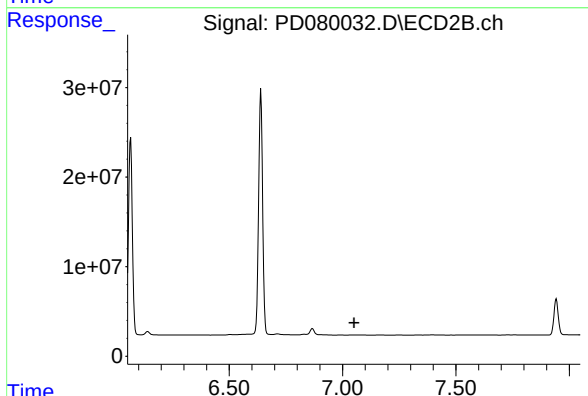
R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 8123450
Conc: 2.60 ng/ml



#22 Mirex

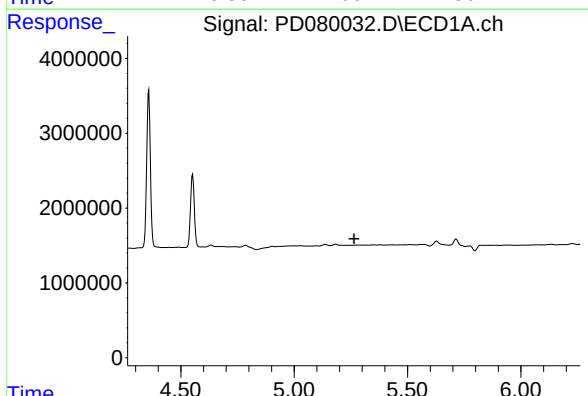
R.T.: 8.182 min
Delta R.T.: 0.025 min
Response: 173023
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



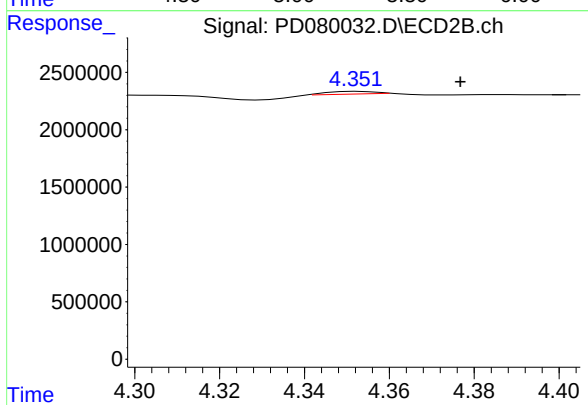
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.051 min
Response: 0
Conc: N.D.



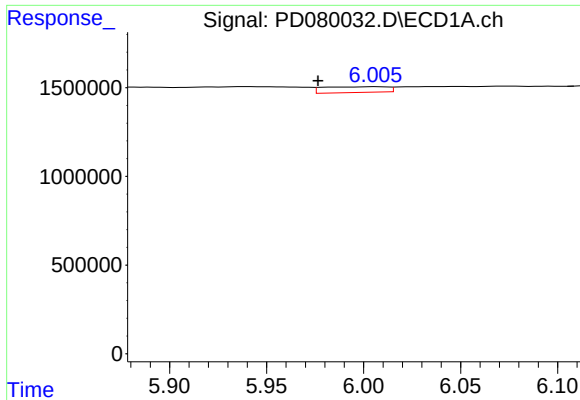
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.265 min
Response: 0
Conc: N.D.



#24 Chlordane-2

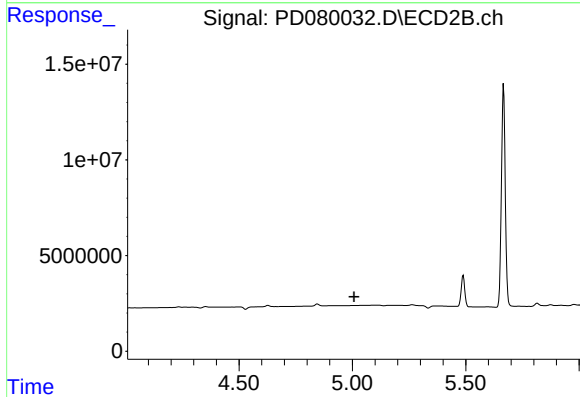
R.T.: 4.353 min
Delta R.T.: -0.024 min
Response: 197888
Conc: 1.73 ng/ml



#25 Chlordane-3

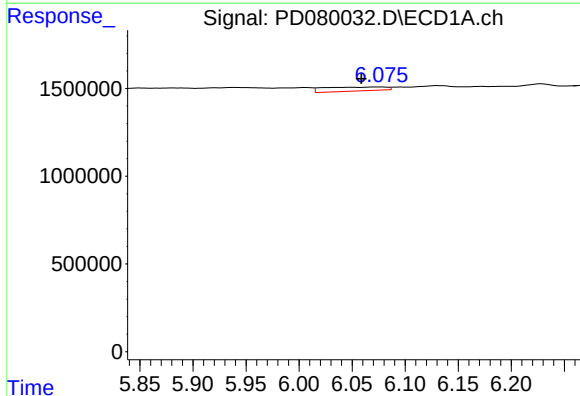
R.T.: 6.006 min
Delta R.T.: 0.029 min
Response: 736853
Conc: 2.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



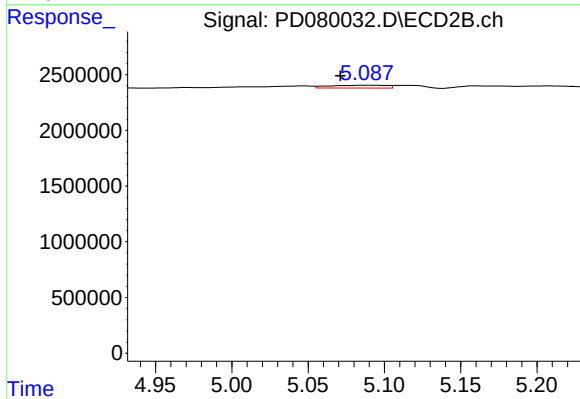
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 5.007 min
Response: 0
Conc: N.D.



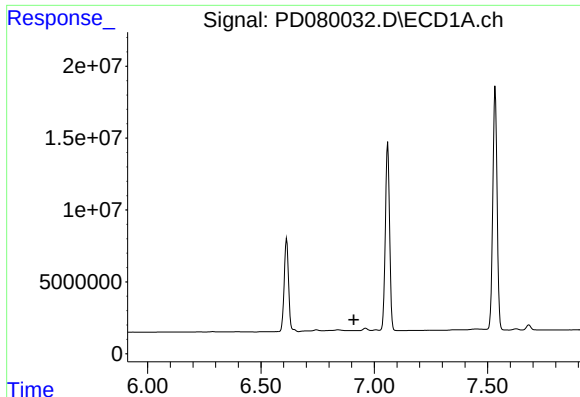
#26 Chlordane-4

R.T.: 6.077 min
Delta R.T.: 0.018 min
Response: 924196
Conc: 2.55 ng/ml



#26 Chlordane-4

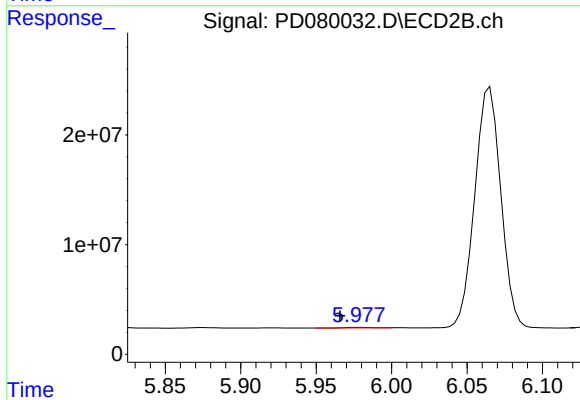
R.T.: 5.088 min
Delta R.T.: 0.017 min
Response: 664235
Conc: 2.26 ng/ml



#27 Chlordane-5

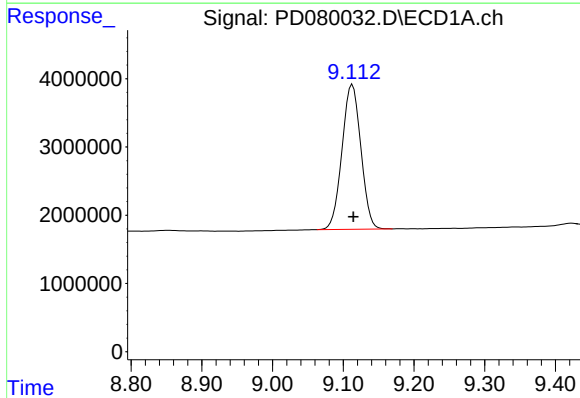
R.T.: 0.000 min
Exp R.T.: 6.910 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



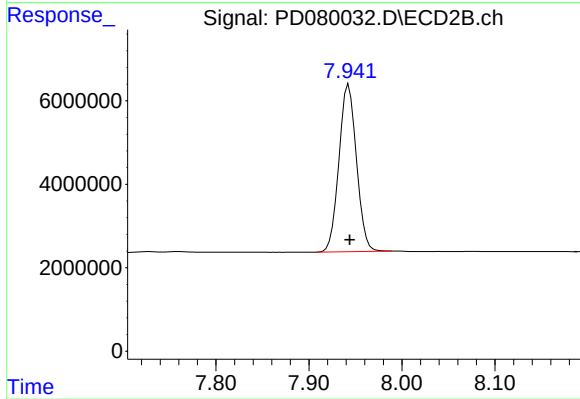
#27 Chlordane-5

R.T.: 5.978 min
Delta R.T.: 0.012 min
Response: 637044
Conc: 5.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: -0.001 min
Response: 39343390
Conc: 19.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 52474994
Conc: 18.62 ng/ml