

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021424\
 Data File : PD081344.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Feb 2024 17:03
 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: Feb 14 01:35:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 2024
 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...	3.565	2.794	32403079	56090184	22.826	23.448
28)	SA Decachlor...	9.116	7.934	44114720	60577067	21.921	22.742
Target Compounds							
2)	A alpha-BHC	4.022	3.295	25985528	43659919	10.462	11.378
3)	MA gamma-BHC...	4.356	3.625	25519146	41018798	10.426	10.971
5)	MB Aldrin	0.000	4.257	0	2307099	N.D.	0.633 #
6)	B beta-BHC	4.551	3.920	11932021	19361055	11.792	12.390
7)	B delta-BHC	4.793	0.000	484936	0	0.193	N.D. #
8)	B Heptachlo...	5.713	0.000	4713219	0	2.105	N.D. #
9)	A Endosulfan I	6.078f	0.000	1295536	0	0.625	N.D. #
10)	B gamma-Chl...	6.002f	5.008	1869726	161012	0.854	0.049 #
11)	B alpha-Chl...	6.078f	0.000	1295536	0	0.595	N.D. #
12)	B 4,4'-DDE	6.227	5.253	226559	4147712	0.111	1.354 #
13)	MA Dieldrin	6.402f	0.000	355815	0	0.161	N.D. #
14)	MA Endrin	6.613	5.658	83856669	157.8E6	44.897	53.242
15)	B Endosulfa...	6.845f	5.968f	1029796	963777	0.532	0.335 #
16)	A 4,4'-DDD	6.745	5.806	1916643	4191055	1.166	1.596 #
17)	MA 4,4'-DDT	7.060	6.056	197.4E6	299.8E6	110.829	113.003
18)	B Endrin al...	6.962	6.131	3526701	6527894	2.318	2.895
19)	B Endosulfa...	0.000	6.340	0	285770	N.D.	0.102 #
20)	A Methoxychlor	7.535	6.630	248.0E6	371.1E6	240.970	237.093
21)	B Endrin ke...	7.683	6.859	7112333	12688388	3.401	3.932
22)	Mirex	0.000	7.053	0	915748	N.D.	0.363 #
24)	Chlordane-2	0.000	4.346f	0	2069420	N.D.	16.883 #
25)	Chlordane-3	6.002f	5.008	1869726	161012	5.921	0.480 #
26)	Chlordane-4	6.078f	0.000	1295536	0	3.403	N.D. #
27)	Chlordane-5	0.000	5.968	0	963777	N.D.	7.949 #

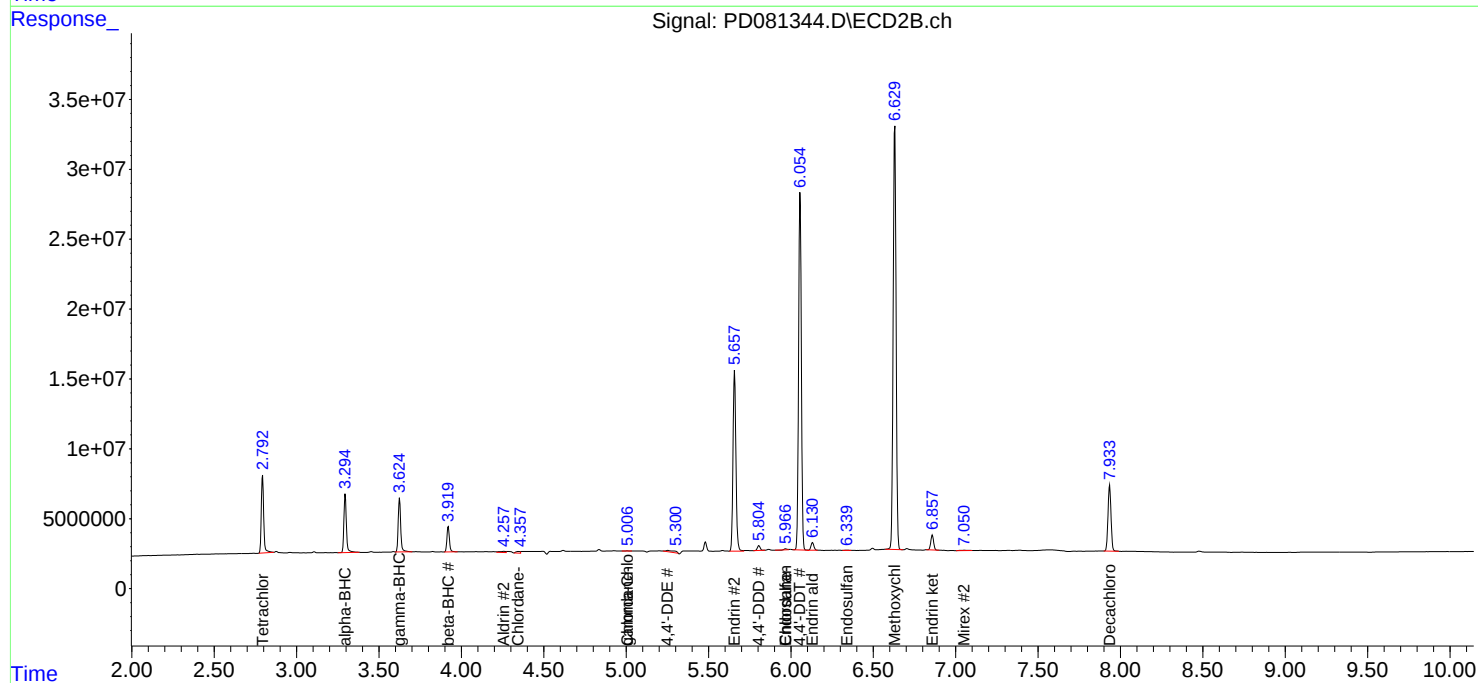
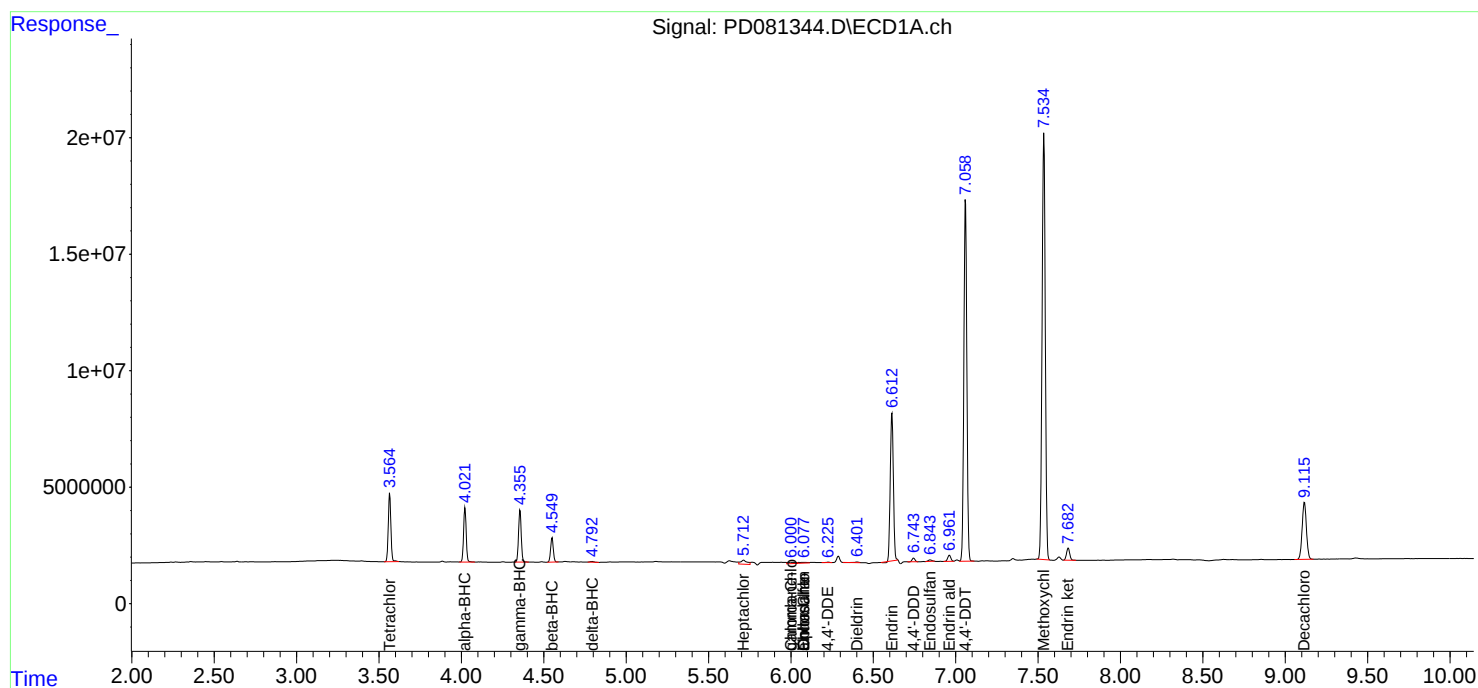
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

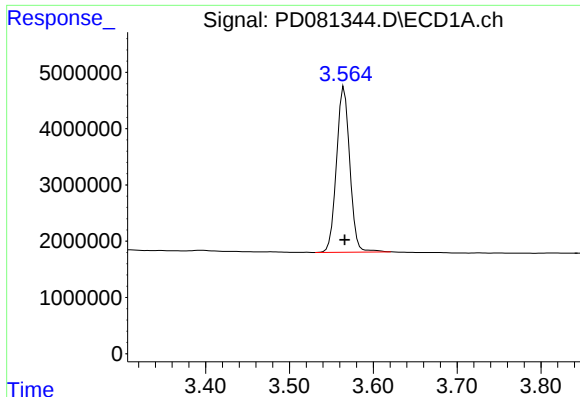
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021424\
Data File : PD081344.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2024 17:03
Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
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PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 14 01:35:38 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 2024
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

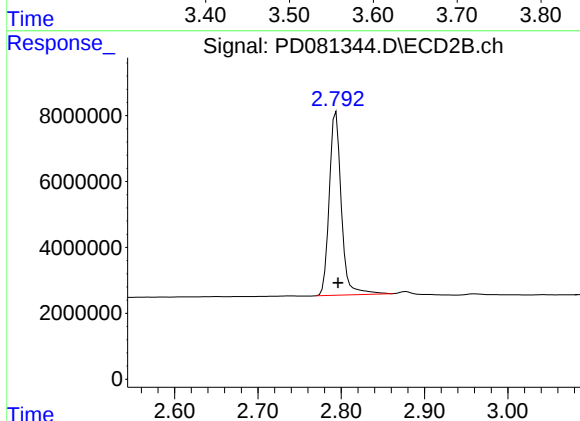




#1 Tetrachloro-m-xylene

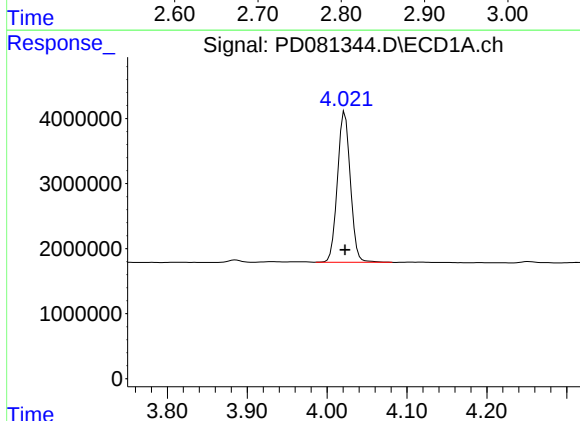
R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 32403079
Conc: 22.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



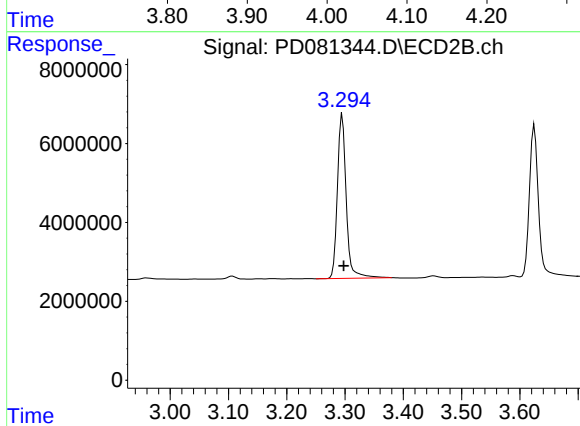
#1 Tetrachloro-m-xylene

R.T.: 2.794 min
Delta R.T.: -0.002 min
Response: 56090184
Conc: 23.45 ng/ml



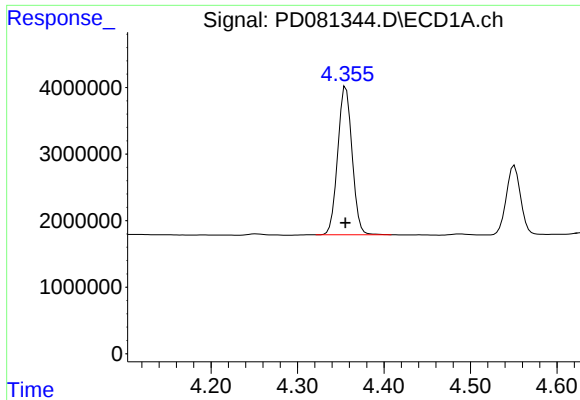
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 25985528
Conc: 10.46 ng/ml



#2 alpha-BHC

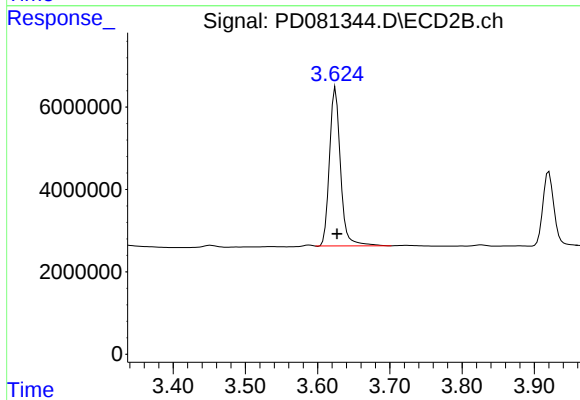
R.T.: 3.295 min
Delta R.T.: -0.003 min
Response: 43659919
Conc: 11.38 ng/ml



#3 gamma-BHC (Lindane)

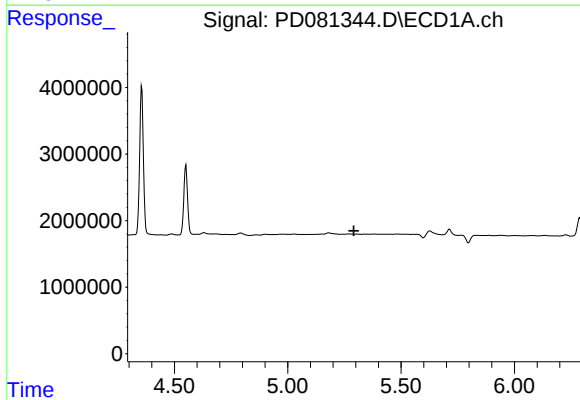
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 25519146
Conc: 10.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



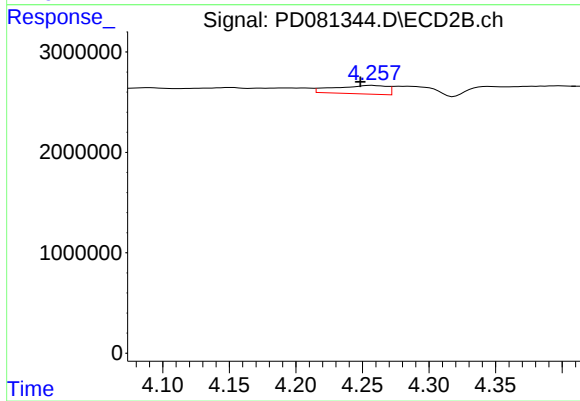
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 41018798
Conc: 10.97 ng/ml



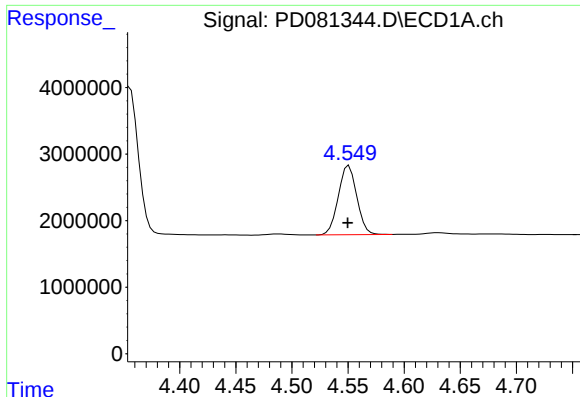
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.292 min
Response: 0
Conc: N.D.



#5 Aldrin

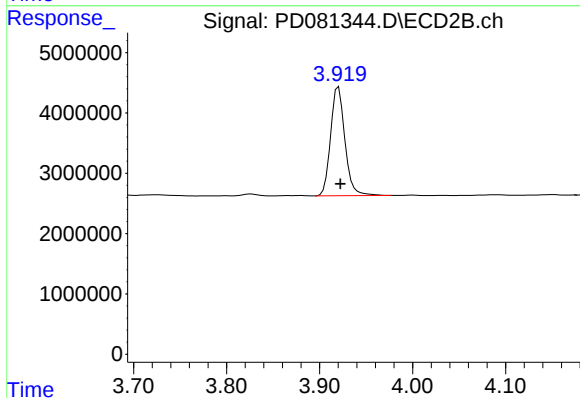
R.T.: 4.257 min
Delta R.T.: 0.009 min
Response: 2307099
Conc: 0.63 ng/ml



#6 beta-BHC

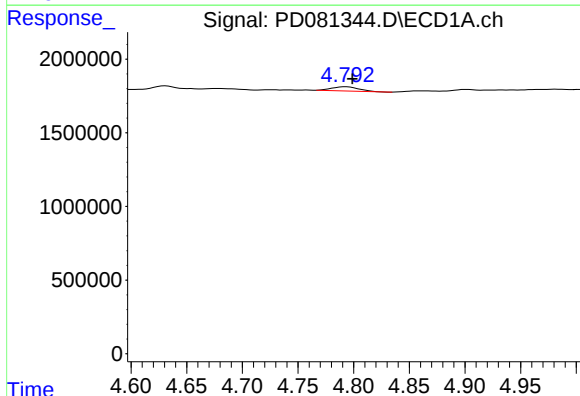
R.T.: 4.551 min
Delta R.T.: 0.001 min
Response: 11932021
Conc: 11.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



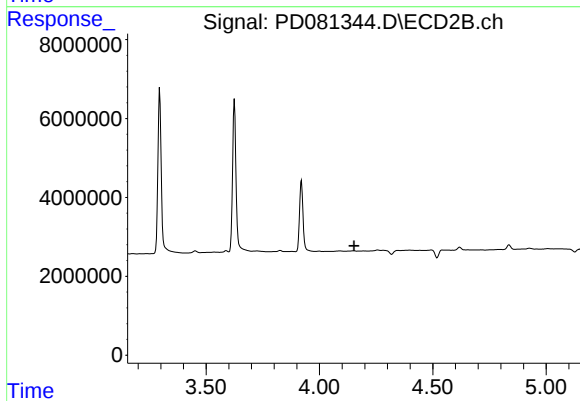
#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 19361055
Conc: 12.39 ng/ml



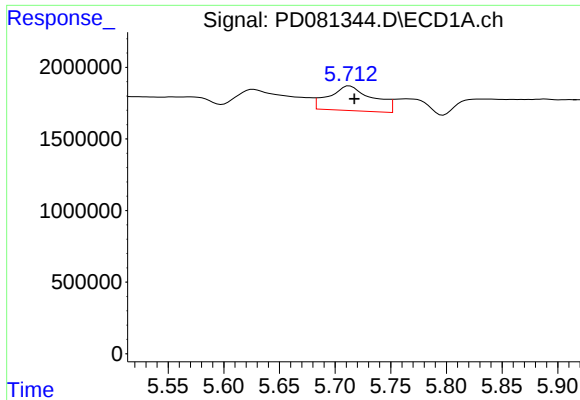
#7 delta-BHC

R.T.: 4.793 min
Delta R.T.: -0.006 min
Response: 484936
Conc: 0.19 ng/ml



#7 delta-BHC

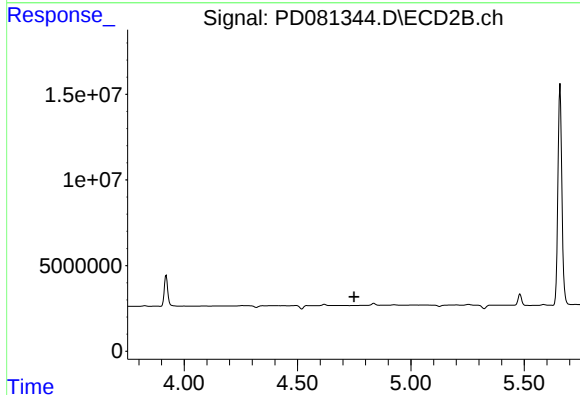
R.T.: 0.000 min
Exp R.T. : 4.153 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

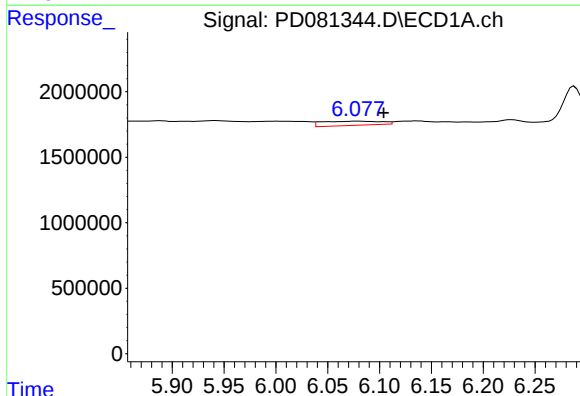
R.T.: 5.713 min
Delta R.T.: -0.004 min
Response: 4713219
Conc: 2.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



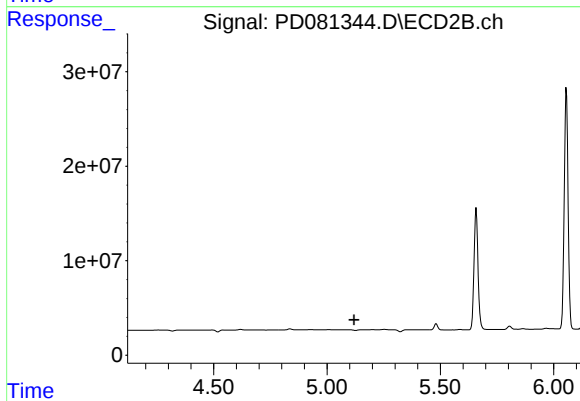
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.750 min
Response: 0
Conc: N.D.



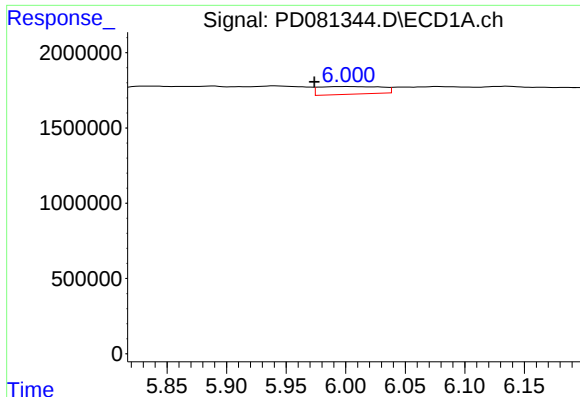
#9 Endosulfan I

R.T.: 6.078 min
Delta R.T.: -0.026 min
Response: 1295536
Conc: 0.62 ng/ml



#9 Endosulfan I

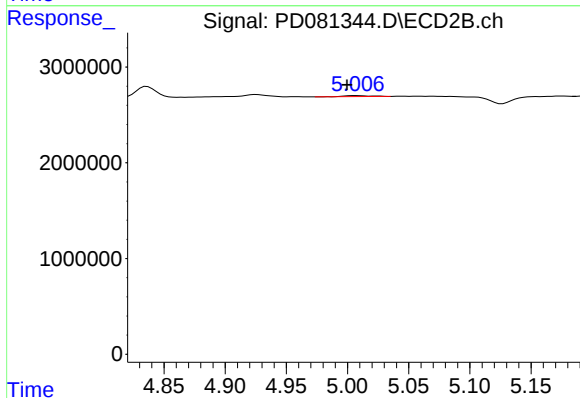
R.T.: 0.000 min
Exp R.T. : 5.120 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

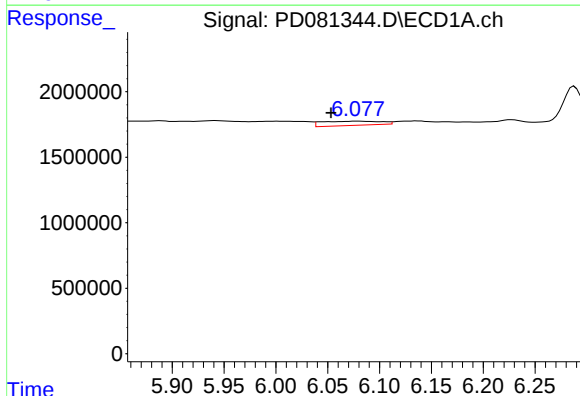
R.T.: 6.002 min
Delta R.T.: 0.028 min
Response: 1869726
Conc: 0.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



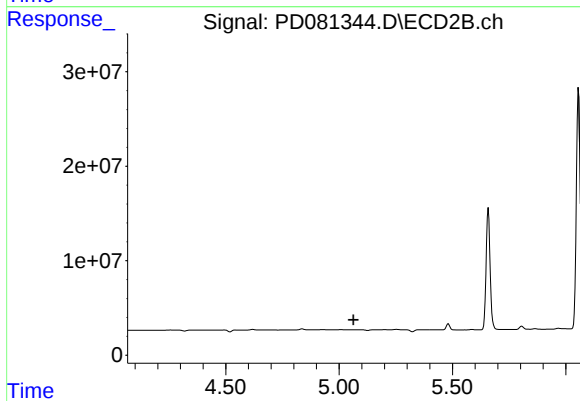
#10 gamma-Chlordane

R.T.: 5.008 min
Delta R.T.: 0.008 min
Response: 161012
Conc: 0.05 ng/ml



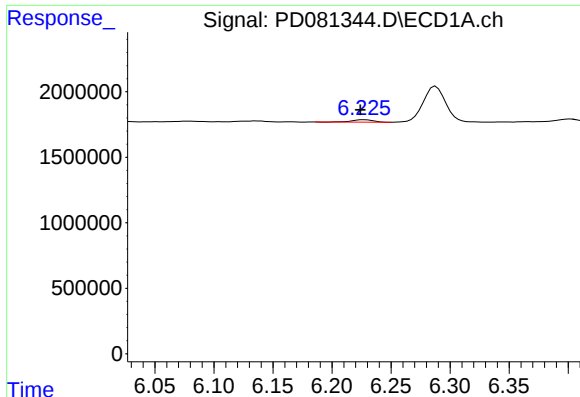
#11 alpha-Chlordane

R.T.: 6.078 min
Delta R.T.: 0.025 min
Response: 1295536
Conc: 0.59 ng/ml



#11 alpha-Chlordane

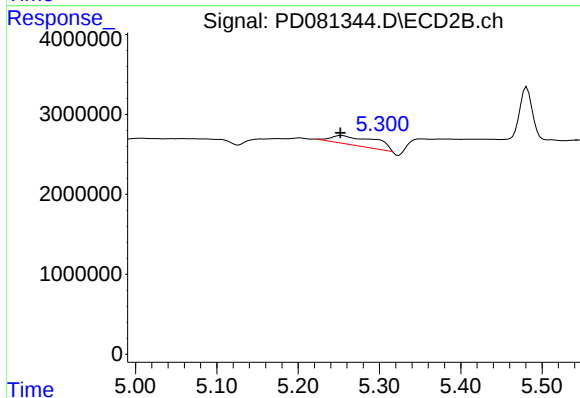
R.T.: 0.000 min
Exp R.T. : 5.064 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

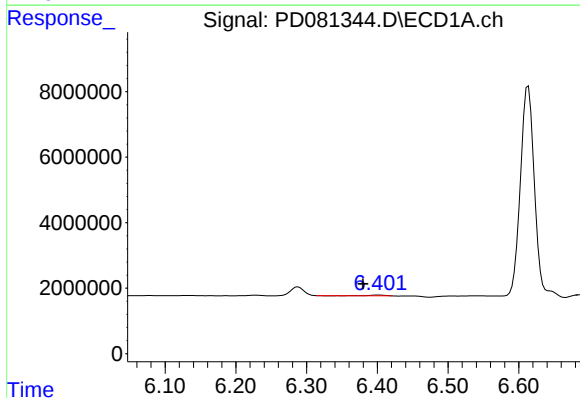
R.T.: 6.227 min
Delta R.T.: 0.003 min
Response: 226559
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



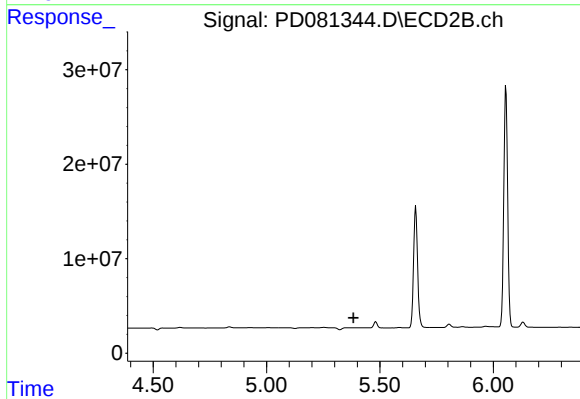
#12 4,4'-DDE

R.T.: 5.253 min
Delta R.T.: 0.001 min
Response: 4147712
Conc: 1.35 ng/ml



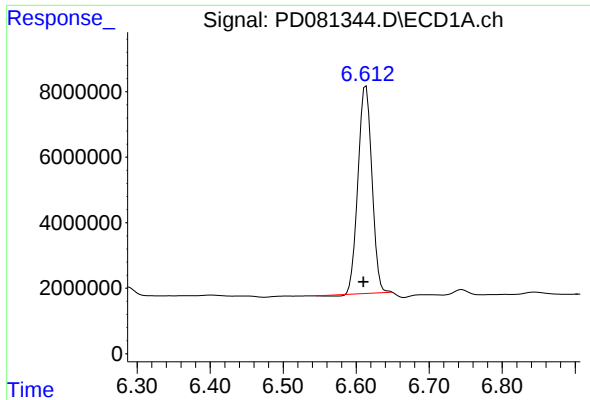
#13 Dieldrin

R.T.: 6.402 min
Delta R.T.: 0.022 min
Response: 355815
Conc: 0.16 ng/ml



#13 Dieldrin

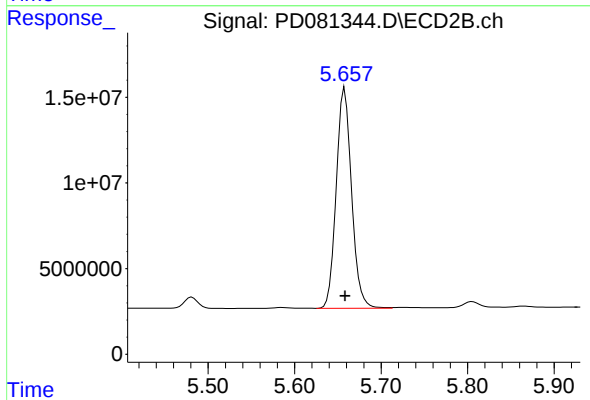
R.T.: 0.000 min
Exp R.T. : 5.384 min
Response: 0
Conc: N.D.



#14 Endrin

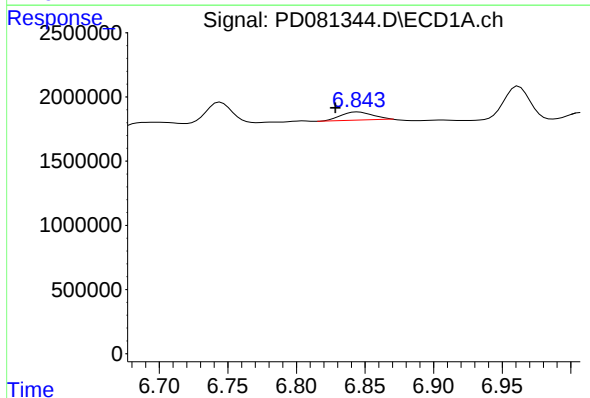
R.T.: 6.613 min
Delta R.T.: 0.003 min
Response: 83856669
Conc: 44.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



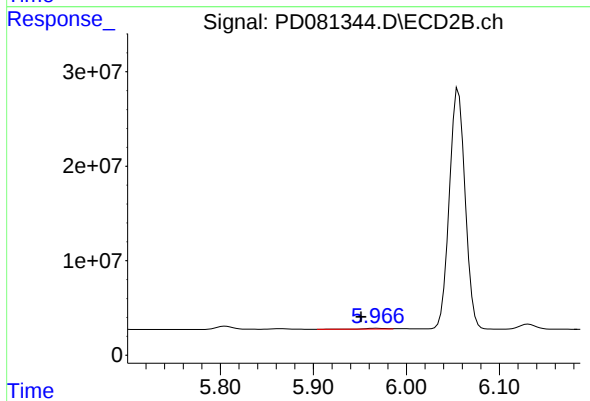
#14 Endrin

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 157776708
Conc: 53.24 ng/ml



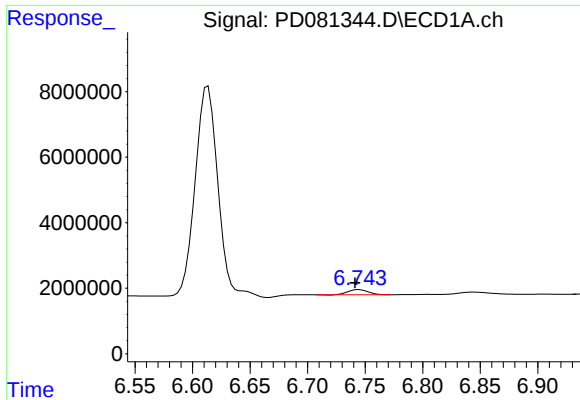
#15 Endosulfan II

R.T.: 6.845 min
Delta R.T.: 0.017 min
Response: 1029796
Conc: 0.53 ng/ml



#15 Endosulfan II

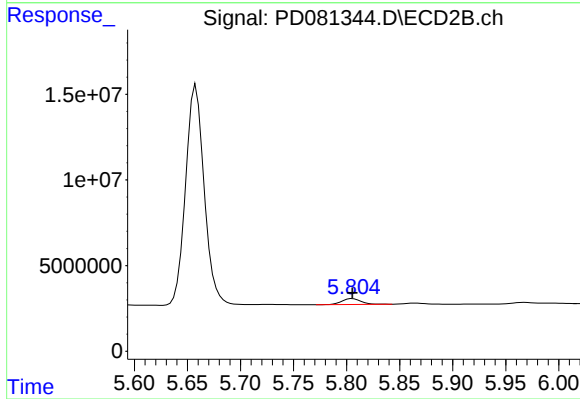
R.T.: 5.968 min
Delta R.T.: 0.016 min
Response: 963777
Conc: 0.34 ng/ml



#16 4,4'-DDD

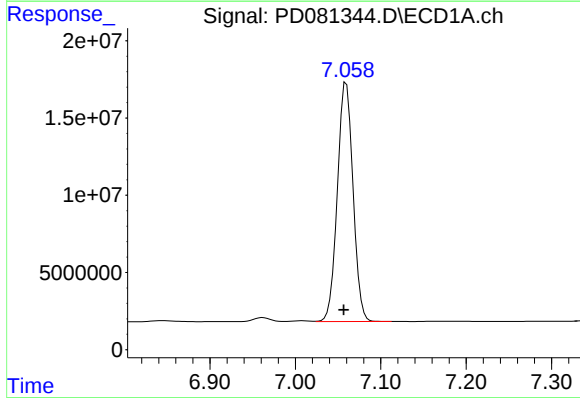
R.T.: 6.745 min
Delta R.T.: 0.003 min
Response: 1916643
Conc: 1.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



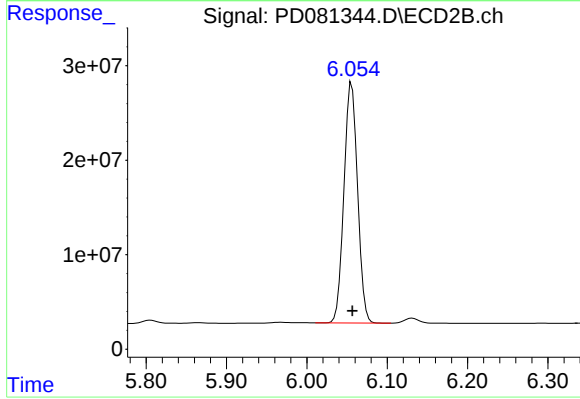
#16 4,4'-DDD

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 4191055
Conc: 1.60 ng/ml



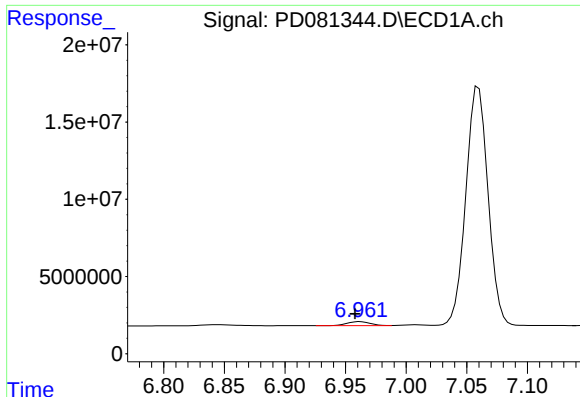
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.003 min
Response: 197372942
Conc: 110.83 ng/ml



#17 4,4'-DDT

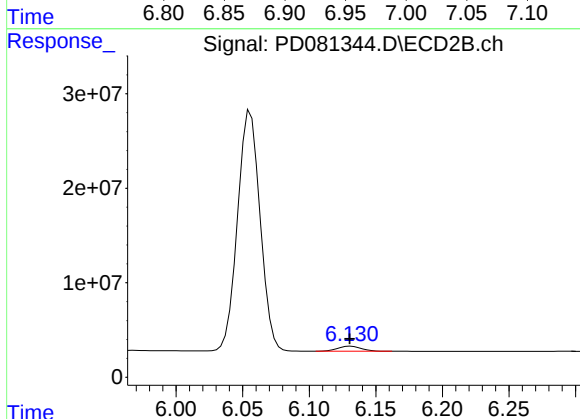
R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 299804199
Conc: 113.00 ng/ml



#18 Endrin aldehyde

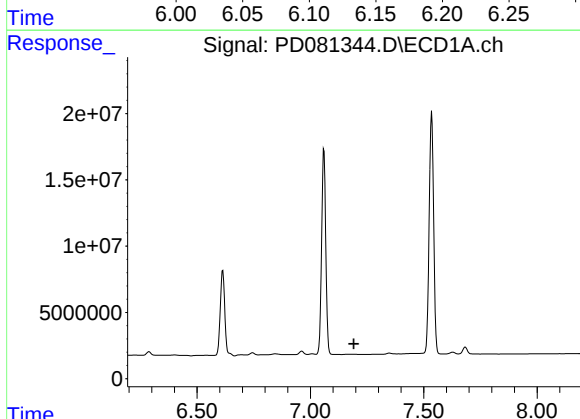
R.T.: 6.962 min
Delta R.T.: 0.004 min
Response: 3526701
Conc: 2.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



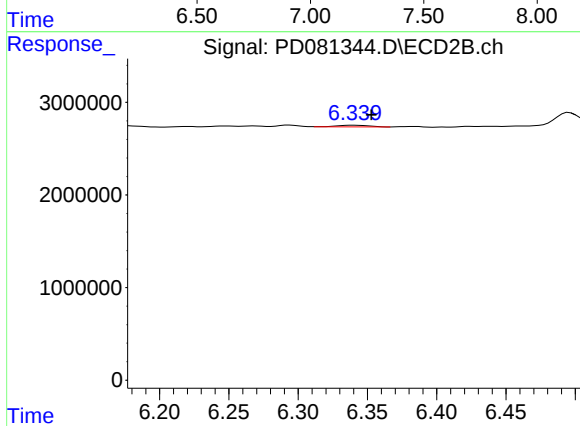
#18 Endrin aldehyde

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 6527894
Conc: 2.90 ng/ml



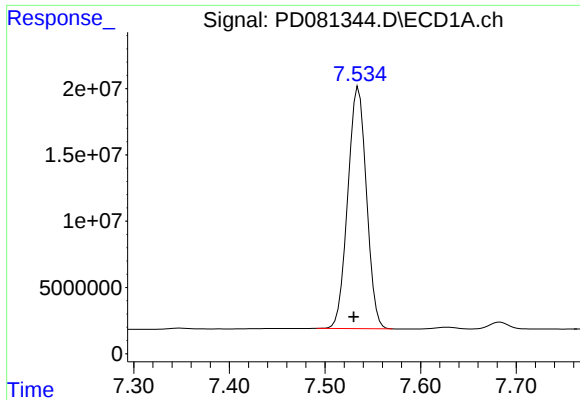
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.192 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

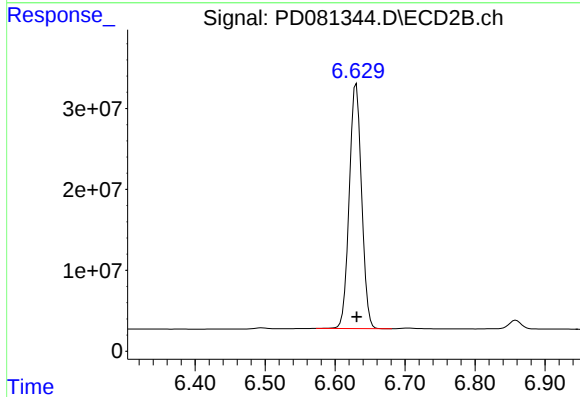
R.T.: 6.340 min
Delta R.T.: -0.012 min
Response: 285770
Conc: 0.10 ng/ml



#20 Methoxychlor

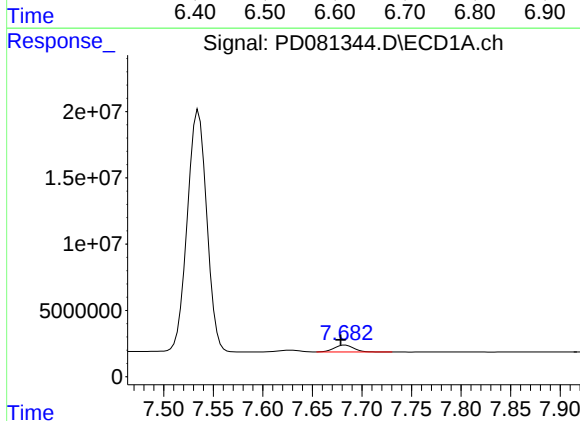
R.T.: 7.535 min
Delta R.T.: 0.005 min
Response: 248024778
Conc: 240.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



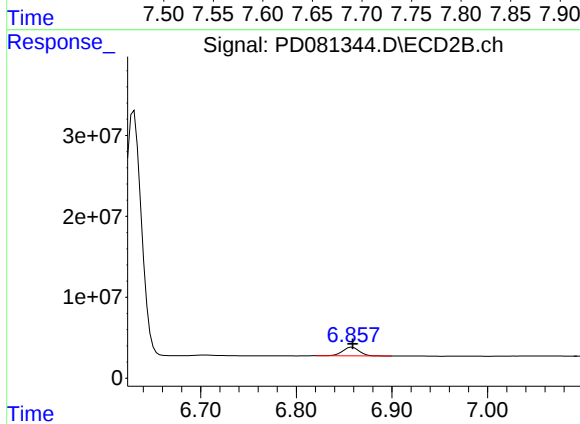
#20 Methoxychlor

R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 371111628
Conc: 237.09 ng/ml



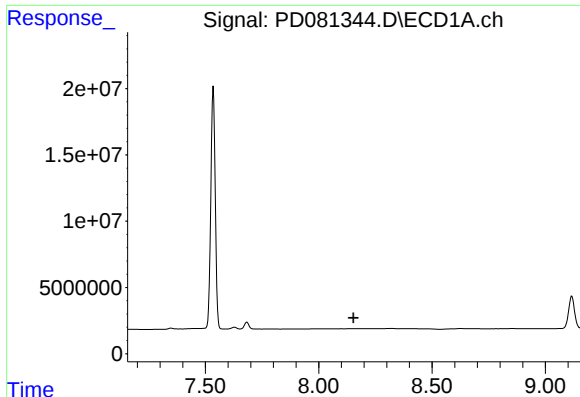
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.005 min
Response: 7112333
Conc: 3.40 ng/ml



#21 Endrin ketone

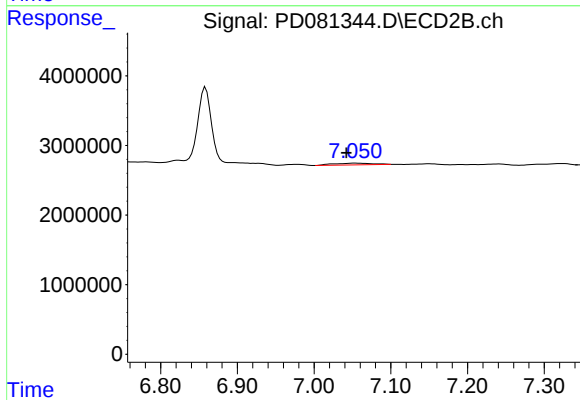
R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 12688388
Conc: 3.93 ng/ml



#22 Mirex

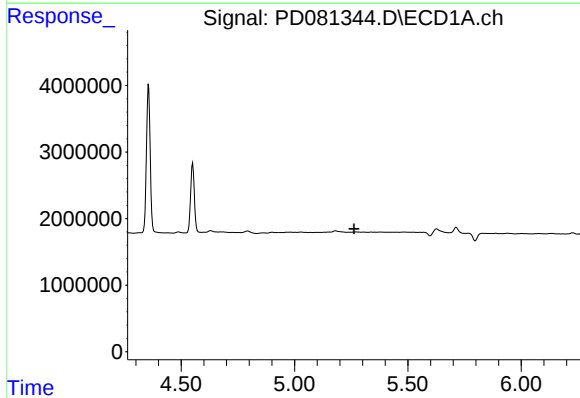
R.T.: 0.000 min
Exp R.T.: 8.154 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



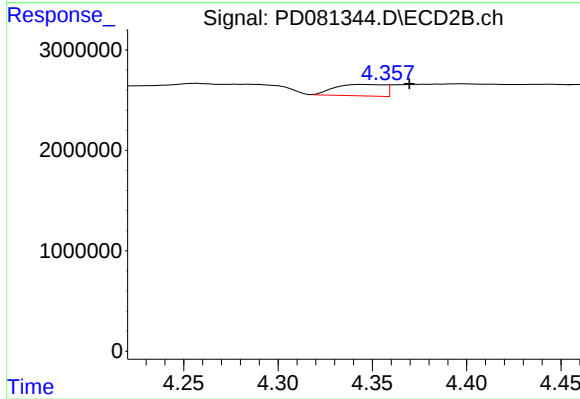
#22 Mirex

R.T.: 7.053 min
Delta R.T.: 0.011 min
Response: 915748
Conc: 0.36 ng/ml



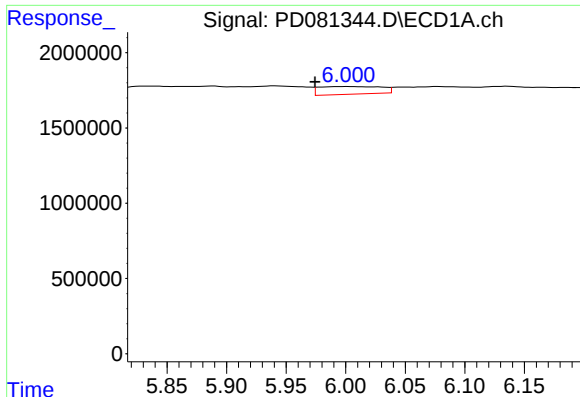
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.263 min
Response: 0
Conc: N.D.



#24 Chlordane-2

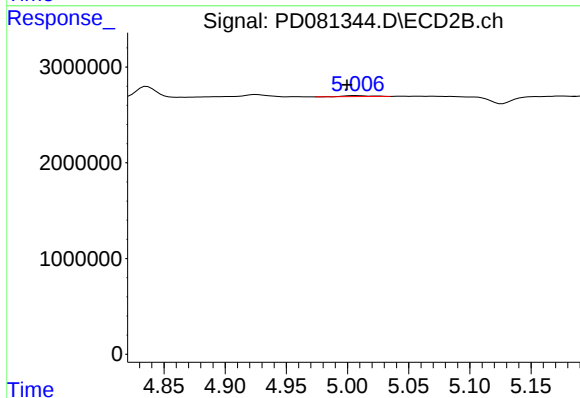
R.T.: 4.346 min
Delta R.T.: -0.024 min
Response: 2069420
Conc: 16.88 ng/ml



#25 Chlordane-3

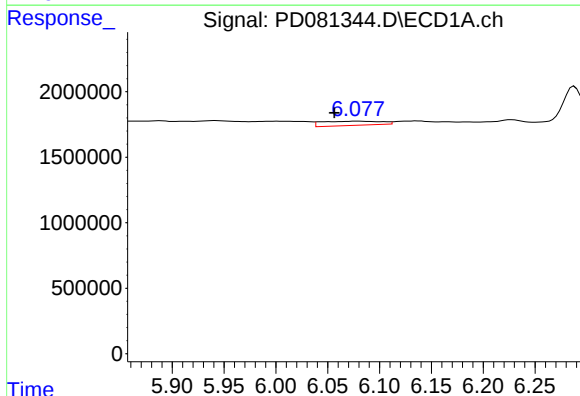
R.T.: 6.002 min
Delta R.T.: 0.028 min
Response: 1869726
Conc: 5.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



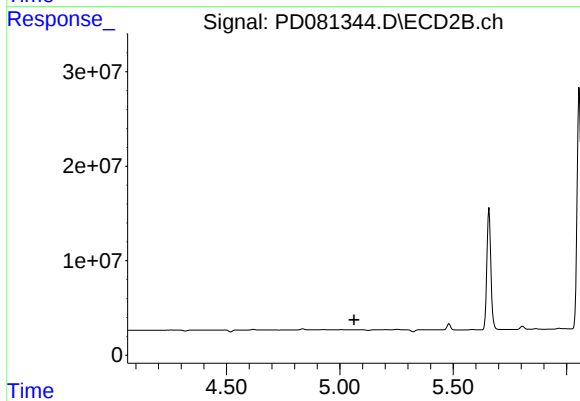
#25 Chlordane-3

R.T.: 5.008 min
Delta R.T.: 0.008 min
Response: 161012
Conc: 0.48 ng/ml



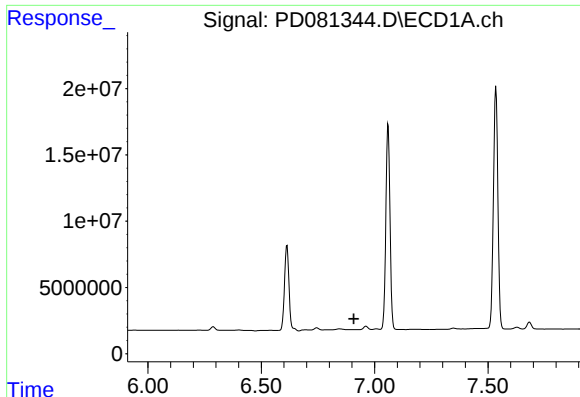
#26 Chlordane-4

R.T.: 6.078 min
Delta R.T.: 0.021 min
Response: 1295536
Conc: 3.40 ng/ml



#26 Chlordane-4

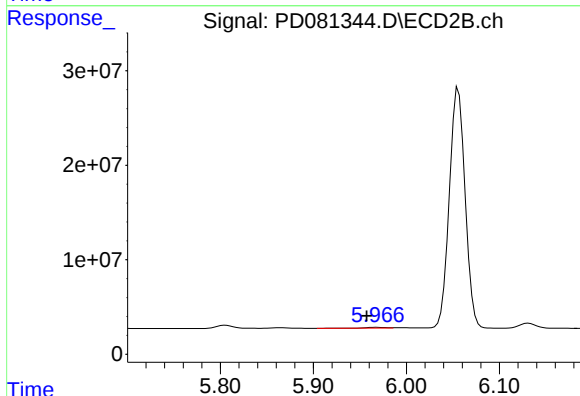
R.T.: 0.000 min
Exp R.T. : 5.063 min
Response: 0
Conc: N.D.



#27 Chlordane-5

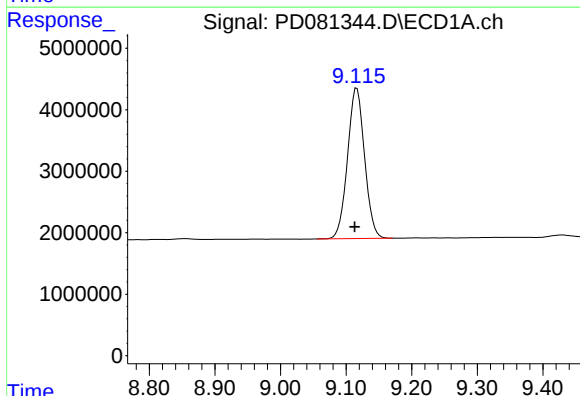
R.T.: 0.000 min
Exp R.T.: 6.908 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



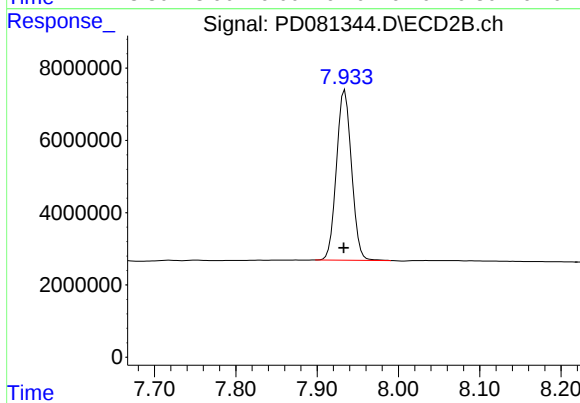
#27 Chlordane-5

R.T.: 5.968 min
Delta R.T.: 0.010 min
Response: 963777
Conc: 7.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.003 min
Response: 44114720
Conc: 21.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.934 min
Delta R.T.: 0.001 min
Response: 60577067
Conc: 22.74 ng/ml