

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121125\
 Data File : PD091552.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2025 11:43
 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 03:06:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 04:29:17 2025
 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...	3.541	2.870	73363461	952.8E6	21.122	24.181
2)	SA Decachlor...	9.063	8.057	95604949	1082.7E6	18.393	26.146 #
Target Compounds							
2)	A alpha-BHC	3.990	3.382	73124732	810.2E6	9.083	11.884 #
3)	MA gamma-BHC...	4.321	3.718	71121622	744.5E6	9.463	13.241 #
4)	MA Heptachlor	4.945f	4.059	673735	946676	0.095	0.016 #
5)	MB Aldrin	0.000	4.359	0	17177075	N.D.	0.296 #
6)	B beta-BHC	4.509	4.015	29828783	310.6E6	10.332	12.965 #
7)	B delta-BHC	4.767	4.254	2719400	1504057	0.455	0.025 #
8)	B Heptachlo...	5.675	4.856	4414533	622198	0.713	0.012 #
9)	A Endosulfan I	6.068	5.208f	49900	30151829	0.008	0.615 #
10)	B gamma-Chl...	5.933	5.111	117875	63824984	0.018	1.143 #
11)	B alpha-Chl...	5.987f	5.190f	4922145	48014549	0.733	0.897
12)	B 4,4'-DDE	6.187	5.362	544584	48447125	0.094	0.884 #
13)	MA Dieldrin	6.360f	5.492	511537	2161920	0.079	0.039 #
14)	MA Endrin	6.565	5.776	265.2E6	2923.0E6	47.296	55.912
15)	B Endosulfa...	6.756f	6.071	2134684	13712244	0.351	0.291
16)	A 4,4'-DDD	6.697	5.916	14123020	140.7E6	3.068	3.094
17)	MA 4,4'-DDT	7.014	6.169	465.5E6	5538.9E6	90.280	116.857 #
18)	B Endrin al...	6.909	6.244	4331789	43448819	1.037	1.217
19)	B Endosulfa...	0.000	6.474	0	246696	N.D.	0.005 #
20)	A Methoxychlor	7.487	6.740	551.0E6	5400.9E6	204.976	228.869
21)	B Endrin ke...	7.623	6.978	9064057	102.7E6	1.609	2.111 #
22)	Mirex	0.000	7.165	0	8822408	N.D.	0.269 #
23)	Chlordane-1	0.000	3.893	0	1001130	N.D.	0.670 #
24)	Chlordane-2	0.000	4.478	0	41599171	N.D.	26.346 #
25)	Chlordane-3	5.933	5.111	117875	63824984	0.144	12.532 #
26)	Chlordane-4	0.000	5.190	0	48014549	N.D.	11.249 #
27)	Chlordane-5	6.857	6.071	1179945	13712244	6.671	7.232

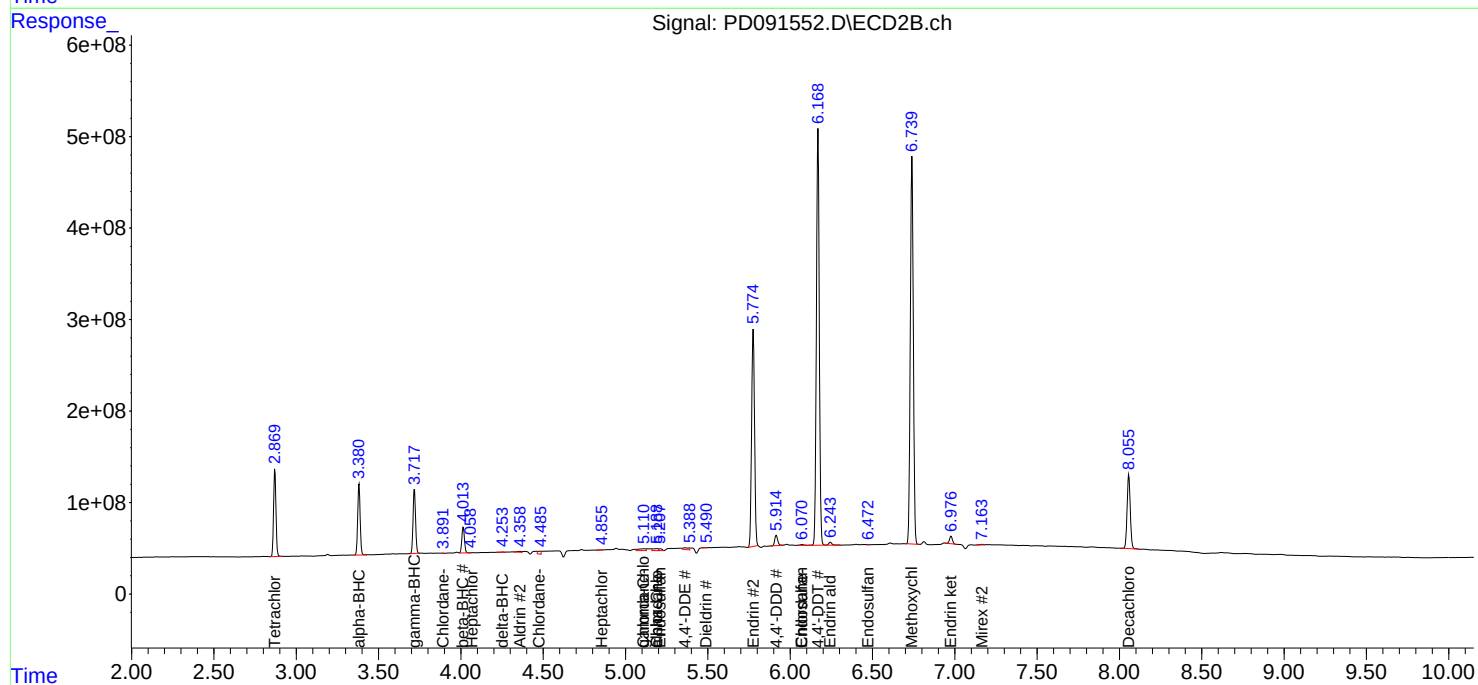
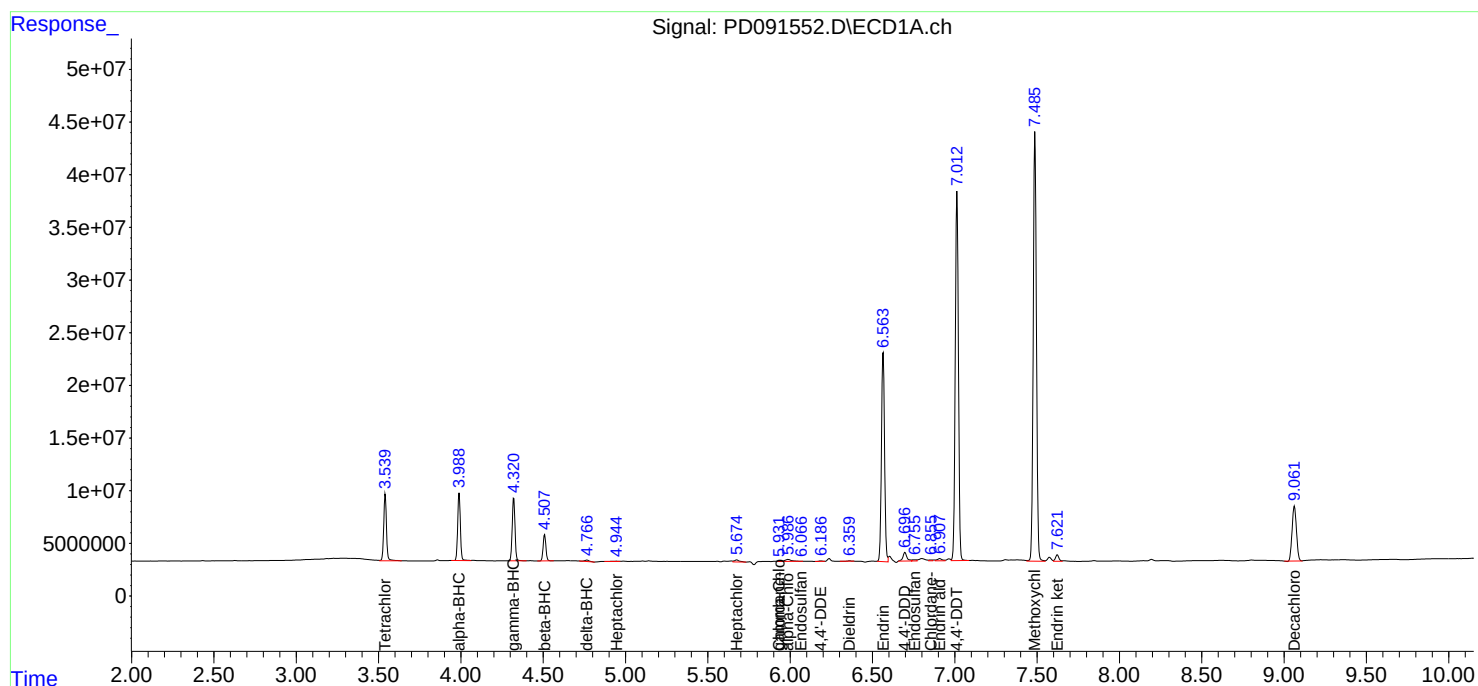
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

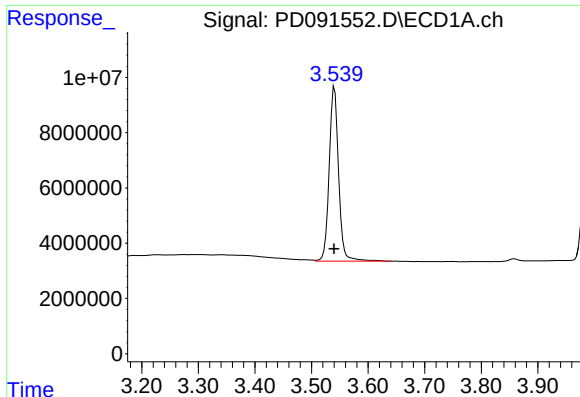
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121125\
Data File : PD091552.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2025 11:43
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 12 03:06:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 04:29:17 2025
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

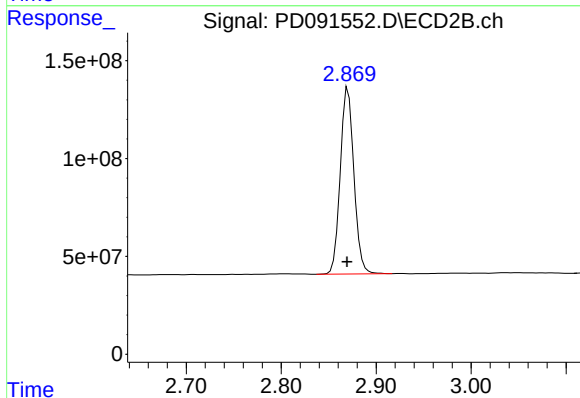




#1 Tetrachloro-m-xylene

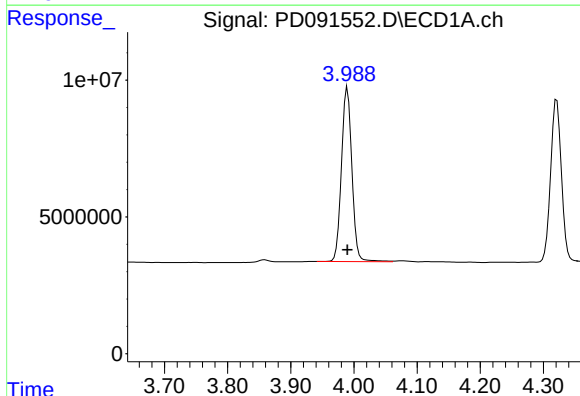
R.T.: 3.541 min
Delta R.T.: 0.000 min
Response: 73363461
Conc: 21.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



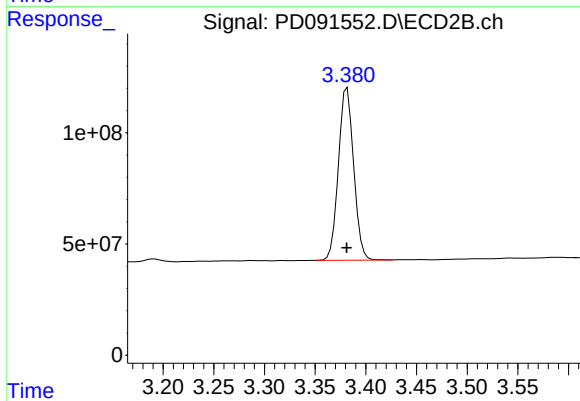
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: 0.000 min
Response: 952819035
Conc: 24.18 ng/ml



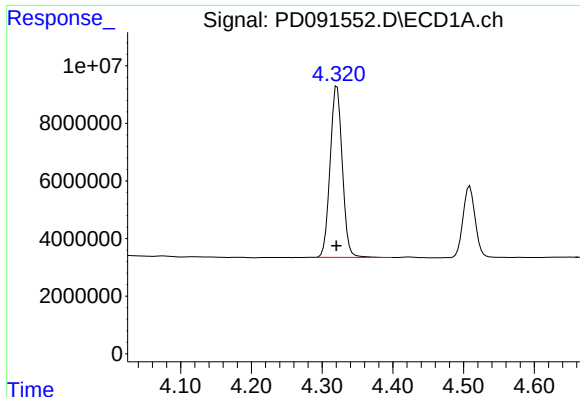
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: 0.000 min
Response: 73124732
Conc: 9.08 ng/ml



#2 alpha-BHC

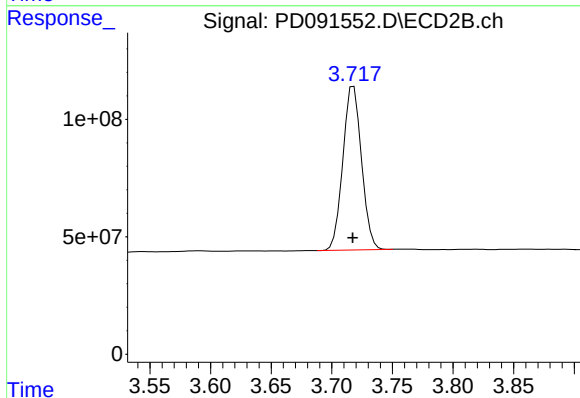
R.T.: 3.382 min
Delta R.T.: 0.000 min
Response: 810162695
Conc: 11.88 ng/ml



#3 gamma-BHC (Lindane)

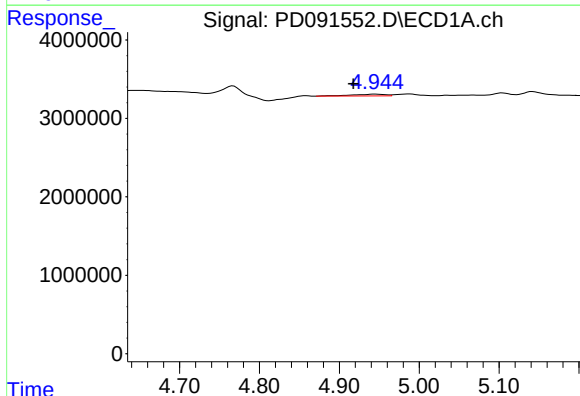
R.T.: 4.321 min
Delta R.T.: 0.001 min
Response: 71121622
Conc: 9.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



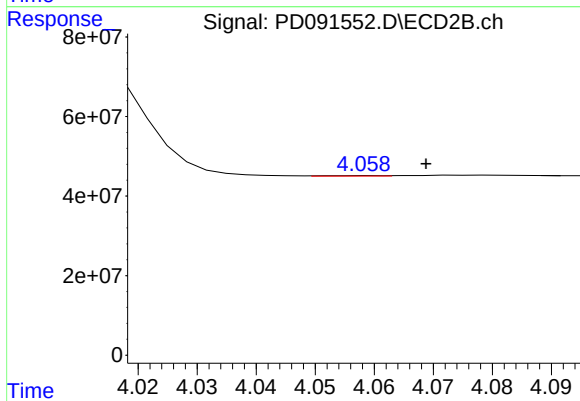
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: 0.000 min
Response: 744520377
Conc: 13.24 ng/ml



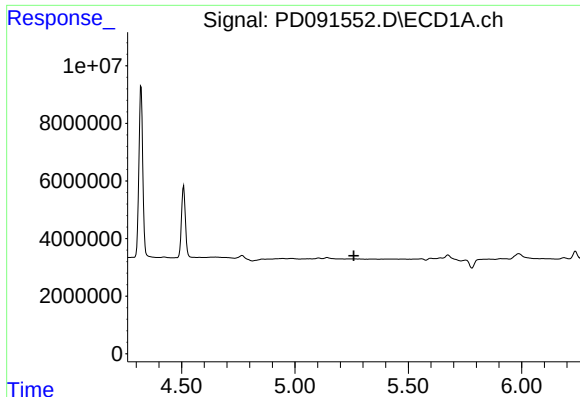
#4 Heptachlor

R.T.: 4.945 min
Delta R.T.: 0.028 min
Response: 673735
Conc: 0.09 ng/ml



#4 Heptachlor

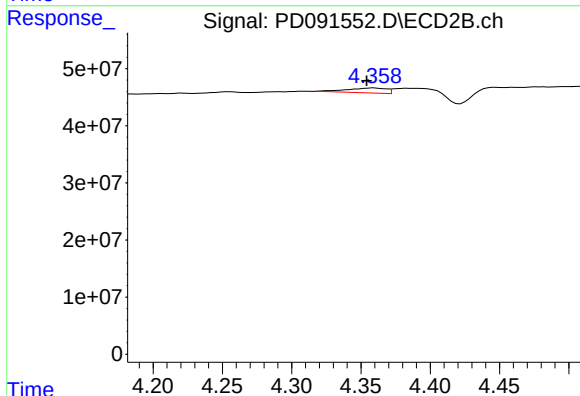
R.T.: 4.059 min
Delta R.T.: -0.010 min
Response: 946676
Conc: 0.02 ng/ml



#5 Aldrin

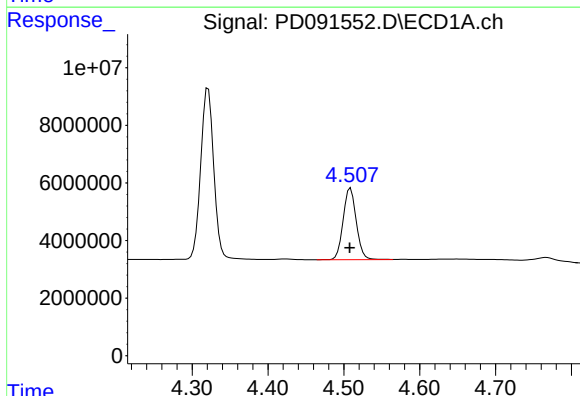
R.T.: 0.000 min
Exp R.T.: 5.259 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



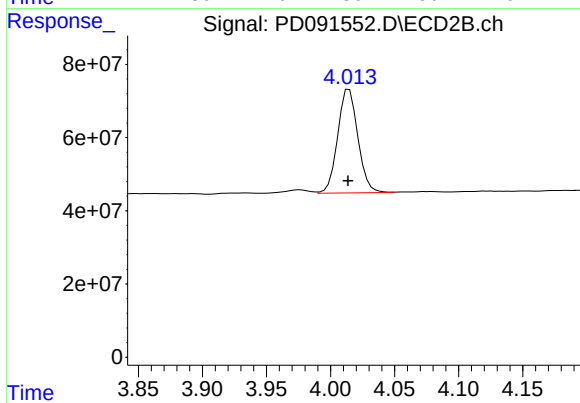
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: 0.005 min
Response: 17177075
Conc: 0.30 ng/ml



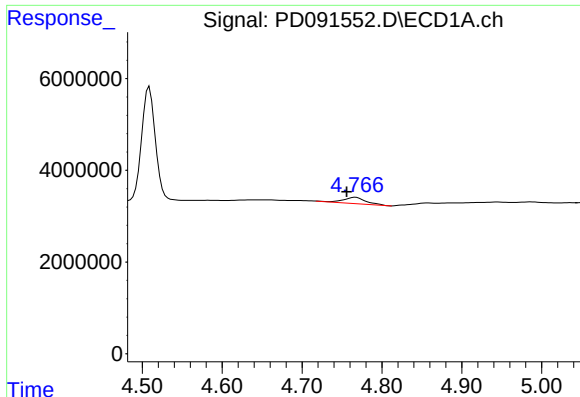
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: 0.001 min
Response: 29828783
Conc: 10.33 ng/ml



#6 beta-BHC

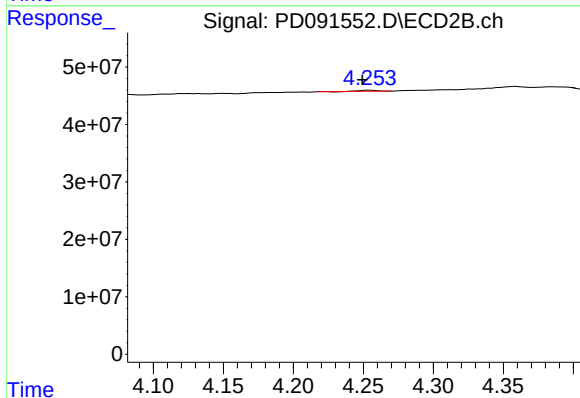
R.T.: 4.015 min
Delta R.T.: 0.001 min
Response: 310635181
Conc: 12.97 ng/ml



#7 delta-BHC

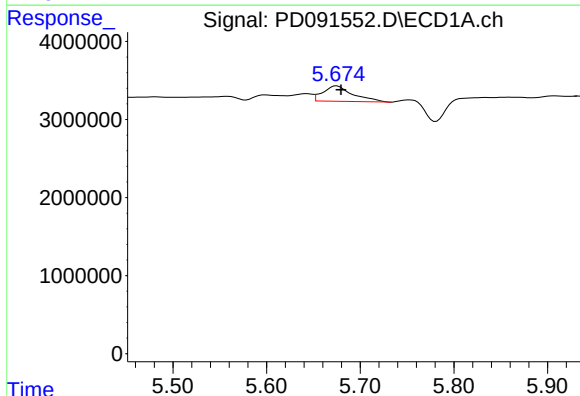
R.T.: 4.767 min
Delta R.T.: 0.011 min
Response: 2719400
Conc: 0.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



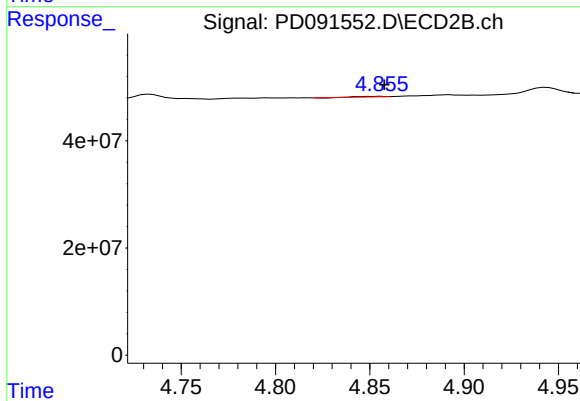
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: 0.005 min
Response: 1504057
Conc: 0.03 ng/ml



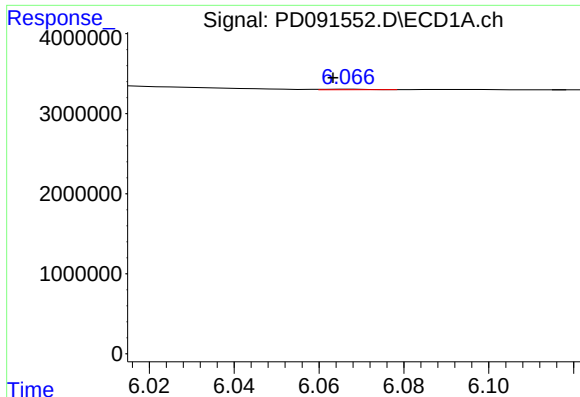
#8 Heptachlor epoxide

R.T.: 5.675 min
Delta R.T.: -0.004 min
Response: 4414533
Conc: 0.71 ng/ml



#8 Heptachlor epoxide

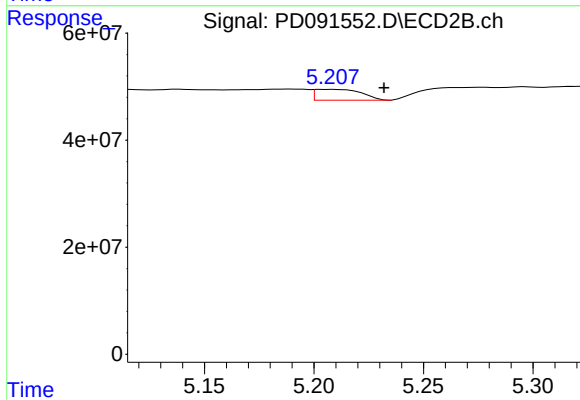
R.T.: 4.856 min
Delta R.T.: -0.001 min
Response: 622198
Conc: 0.01 ng/ml



#9 Endosulfan I

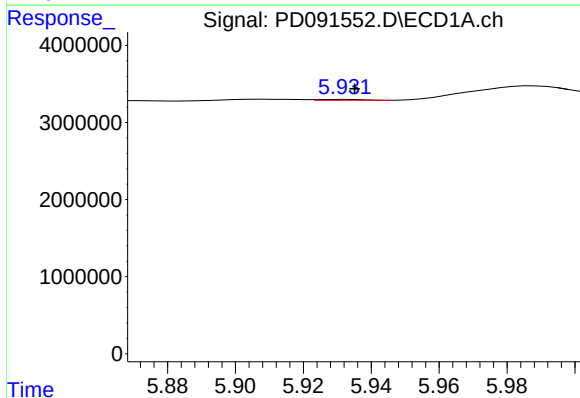
R.T.: 6.068 min
Delta R.T.: 0.004 min
Response: 49900
Conc: 0.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



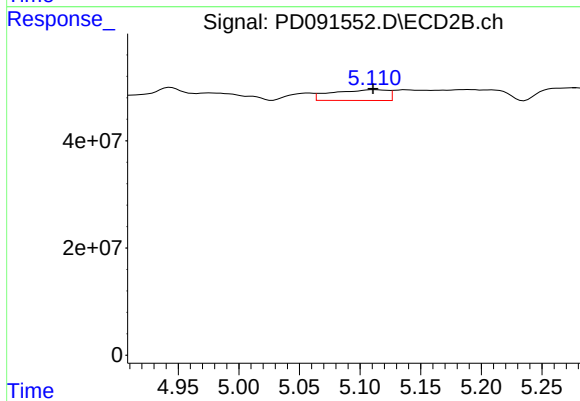
#9 Endosulfan I

R.T.: 5.208 min
Delta R.T.: -0.024 min
Response: 30151829
Conc: 0.62 ng/ml



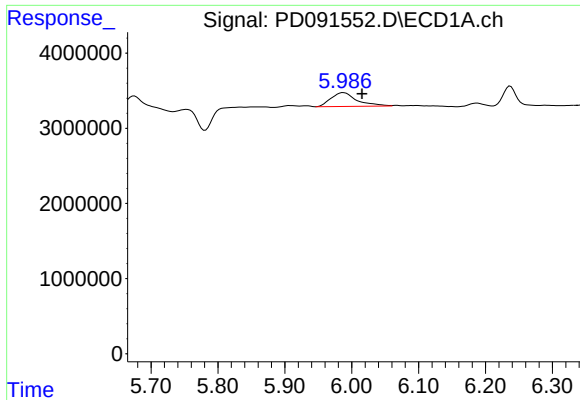
#10 gamma-Chlordane

R.T.: 5.933 min
Delta R.T.: -0.002 min
Response: 117875
Conc: 0.02 ng/ml



#10 gamma-Chlordane

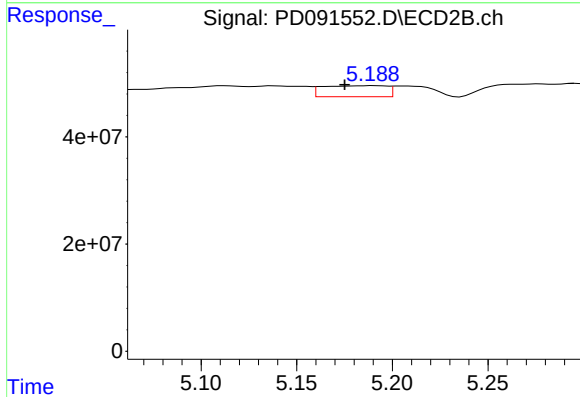
R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 63824984
Conc: 1.14 ng/ml



#11 alpha-Chlordane

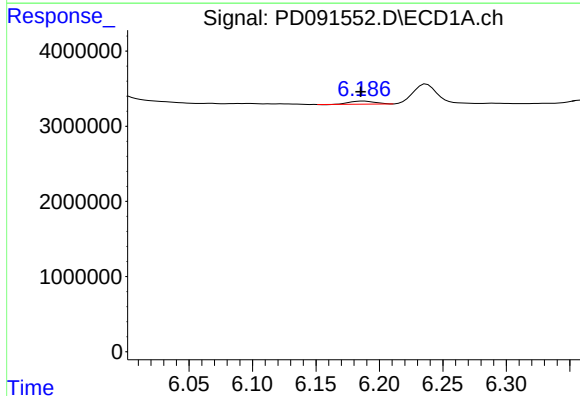
R.T.: 5.987 min
Delta R.T.: -0.028 min
Response: 4922145
Conc: 0.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



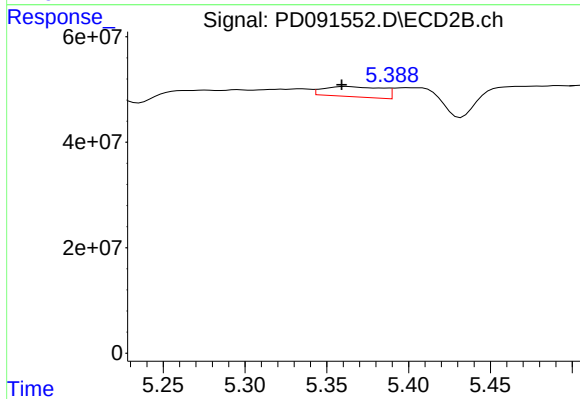
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: 0.015 min
Response: 48014549
Conc: 0.90 ng/ml



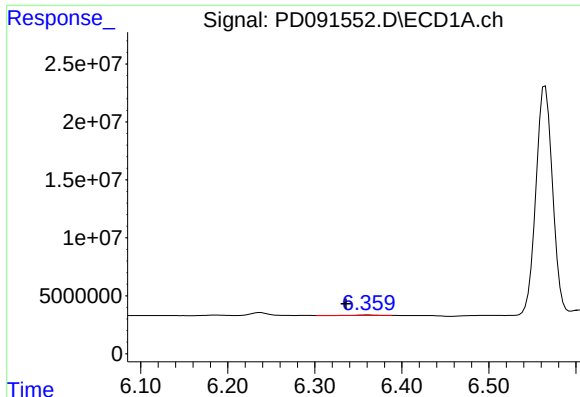
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: 0.002 min
Response: 544584
Conc: 0.09 ng/ml



#12 4,4'-DDE

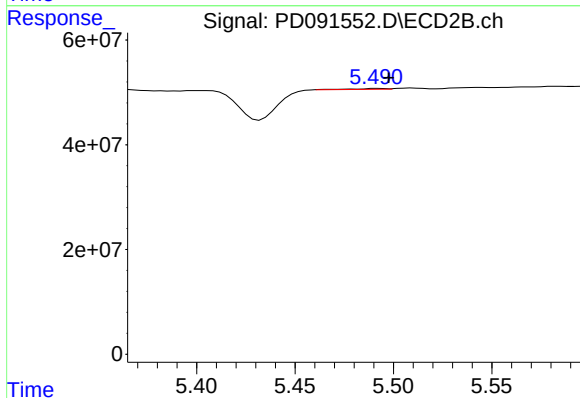
R.T.: 5.362 min
Delta R.T.: 0.003 min
Response: 48447125
Conc: 0.88 ng/ml



#13 Dieldrin

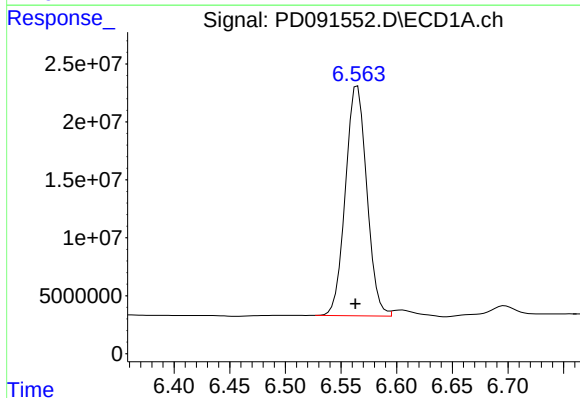
R.T.: 6.360 min
Delta R.T.: 0.024 min
Response: 511537
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



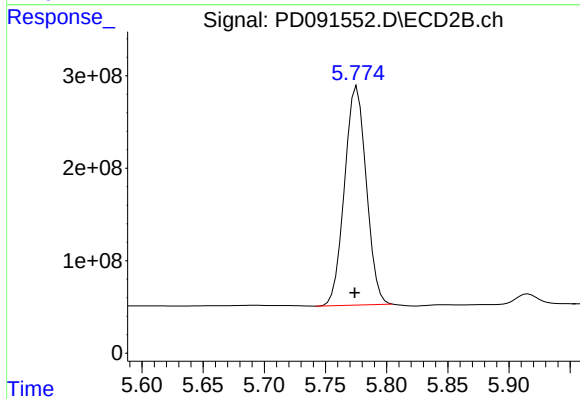
#13 Dieldrin

R.T.: 5.492 min
Delta R.T.: -0.006 min
Response: 2161920
Conc: 0.04 ng/ml



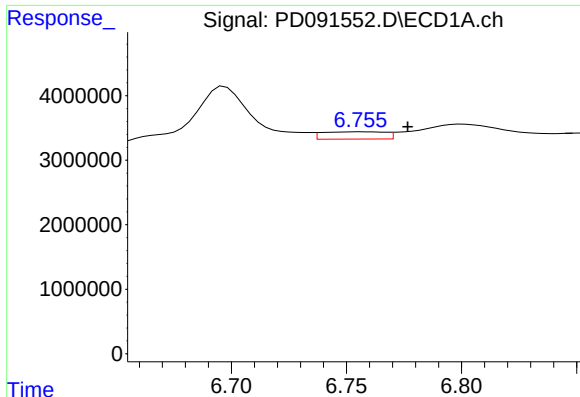
#14 Endrin

R.T.: 6.565 min
Delta R.T.: 0.002 min
Response: 265243596
Conc: 47.30 ng/ml



#14 Endrin

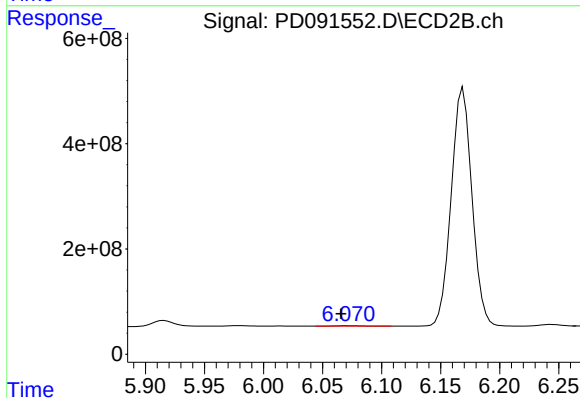
R.T.: 5.776 min
Delta R.T.: 0.002 min
Response: 2922970919
Conc: 55.91 ng/ml



#15 Endosulfan II

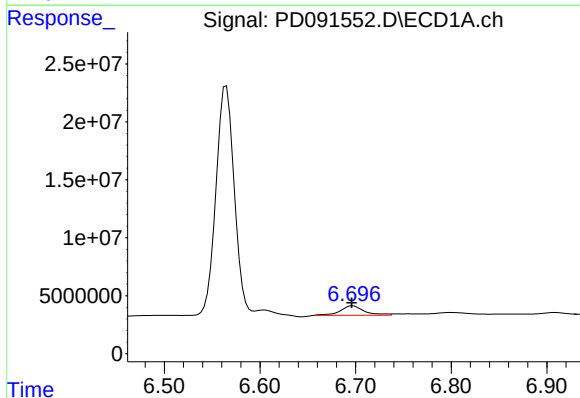
R.T.: 6.756 min
Delta R.T.: -0.020 min
Response: 2134684
Conc: 0.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



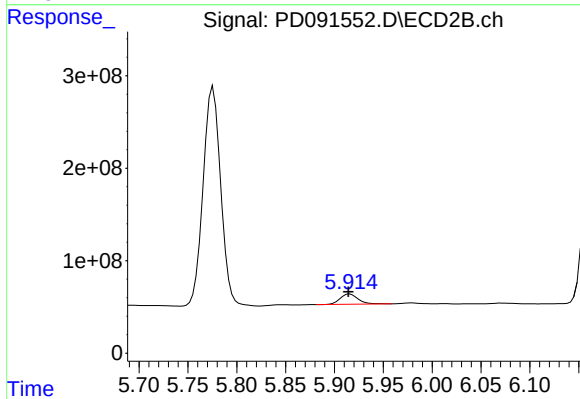
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: 0.006 min
Response: 13712244
Conc: 0.29 ng/ml



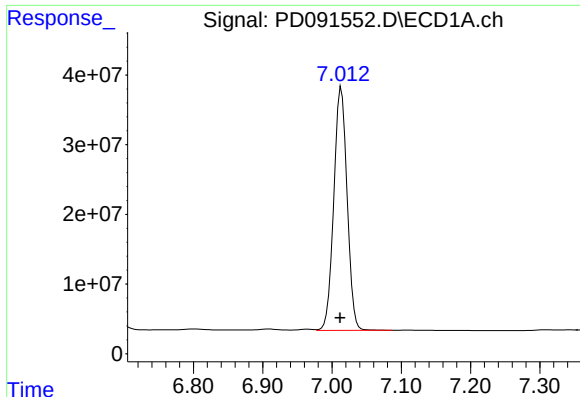
#16 4,4'-DDD

R.T.: 6.697 min
Delta R.T.: 0.001 min
Response: 14123020
Conc: 3.07 ng/ml



#16 4,4'-DDD

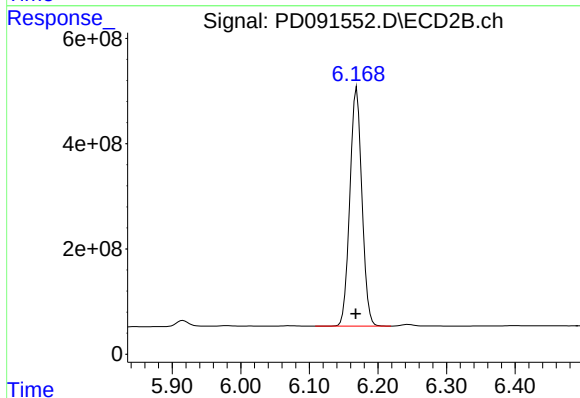
R.T.: 5.916 min
Delta R.T.: 0.001 min
Response: 140727645
Conc: 3.09 ng/ml



#17 4,4'-DDT

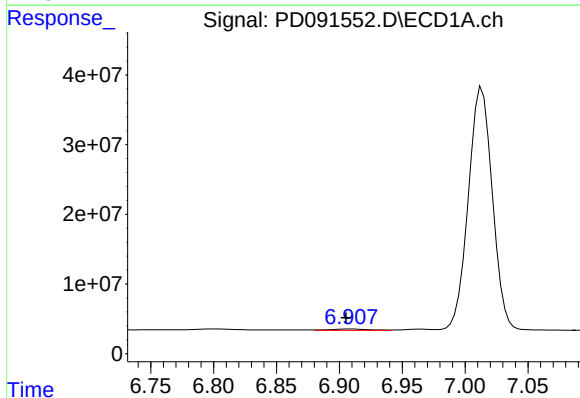
R.T.: 7.014 min
Delta R.T.: 0.002 min
Response: 465525005
Conc: 90.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



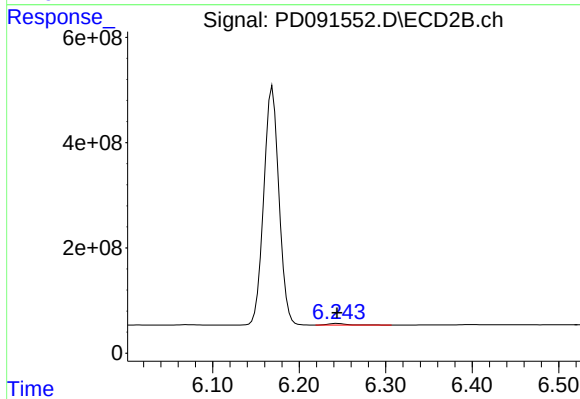
#17 4,4'-DDT

R.T.: 6.169 min
Delta R.T.: 0.001 min
Response: 5538883158
Conc: 116.86 ng/ml



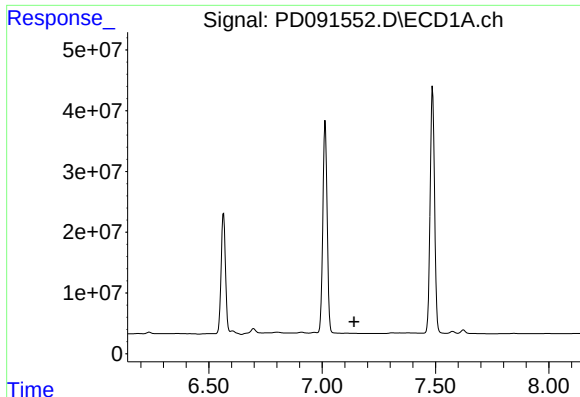
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: 0.003 min
Response: 4331789
Conc: 1.04 ng/ml



#18 Endrin aldehyde

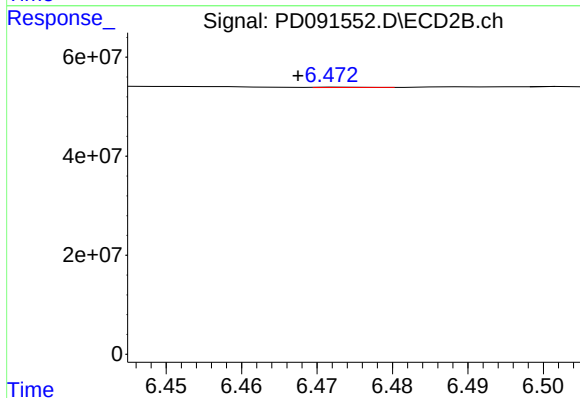
R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 43448819
Conc: 1.22 ng/ml



#19 Endosulfan Sulfate

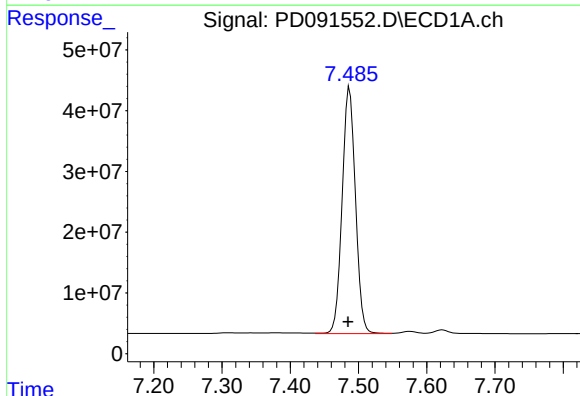
R.T.: 0.000 min
Exp R.T.: 7.140 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



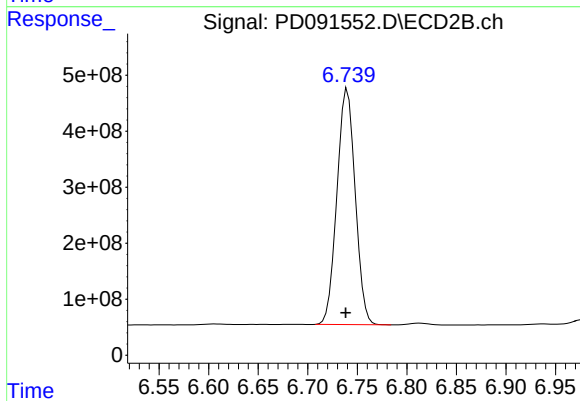
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.006 min
Response: 246696
Conc: 0.01 ng/ml



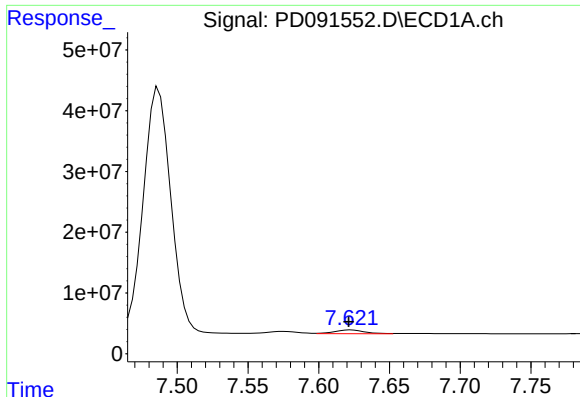
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: 0.002 min
Response: 550971002
Conc: 204.98 ng/ml



#20 Methoxychlor

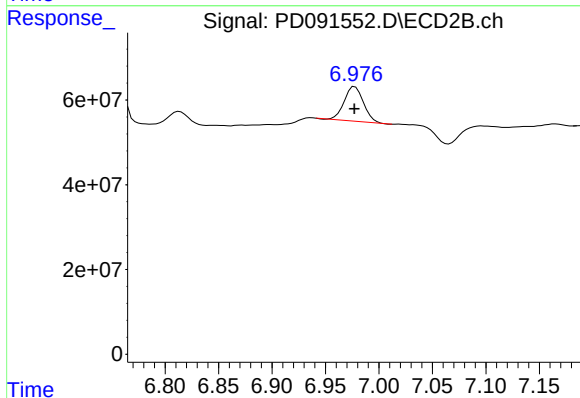
R.T.: 6.740 min
Delta R.T.: 0.002 min
Response: 5400855260
Conc: 228.87 ng/ml



#21 Endrin ketone

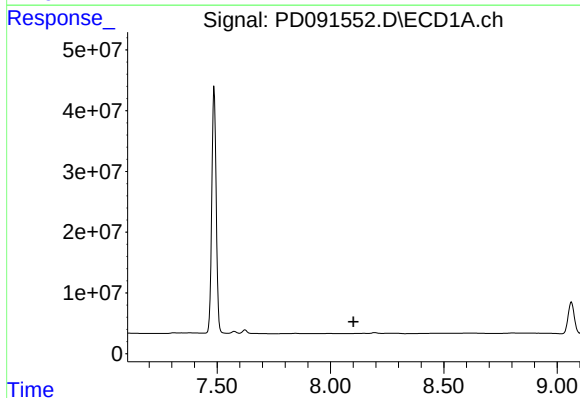
R.T.: 7.623 min
Delta R.T.: 0.002 min
Response: 9064057
Conc: 1.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



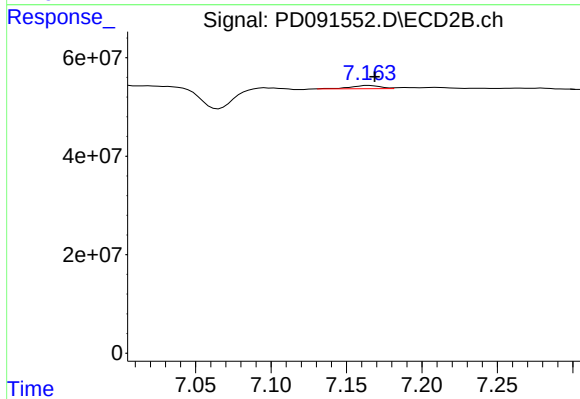
#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: 0.000 min
Response: 102693909
Conc: 2.11 ng/ml



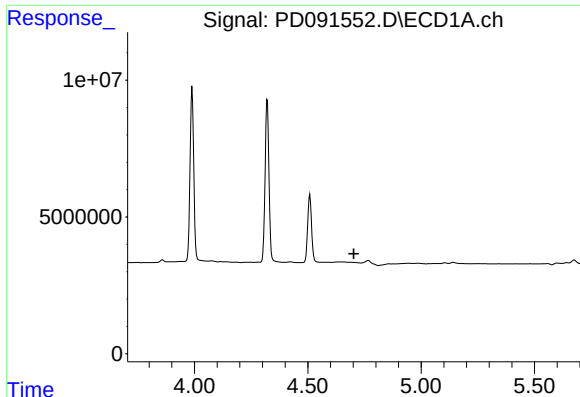
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#22 Mirex

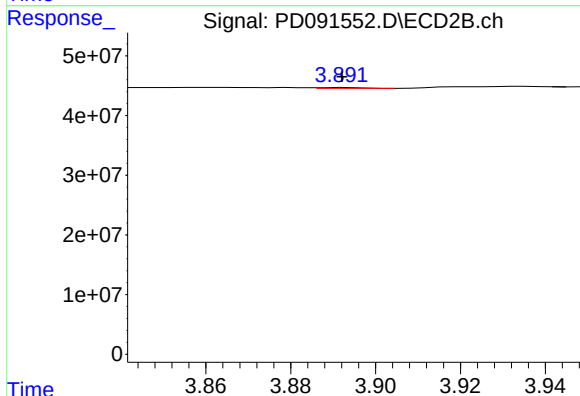
R.T.: 7.165 min
Delta R.T.: -0.004 min
Response: 8822408
Conc: 0.27 ng/ml



#23 Chlordane-1

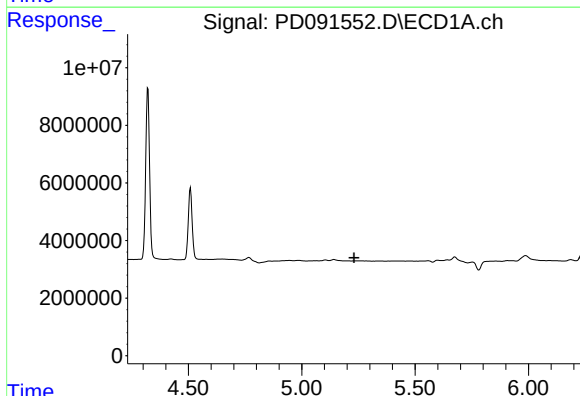
R.T.: 0.000 min
Exp R.T.: 4.703 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



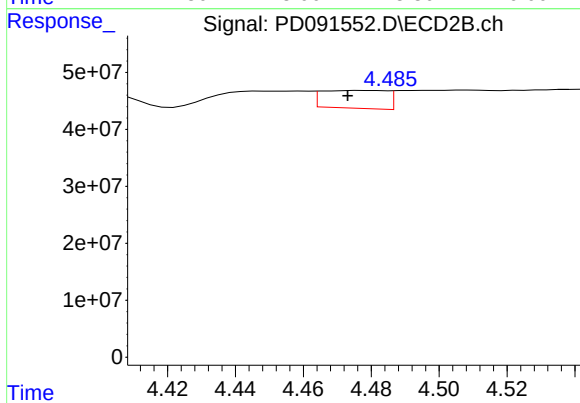
#23 Chlordane-1

R.T.: 3.893 min
Delta R.T.: 0.000 min
Response: 1001130
Conc: 0.67 ng/ml



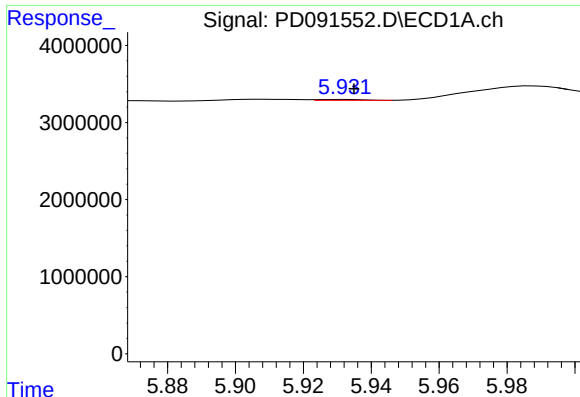
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.230 min
Response: 0
Conc: N.D.



#24 Chlordane-2

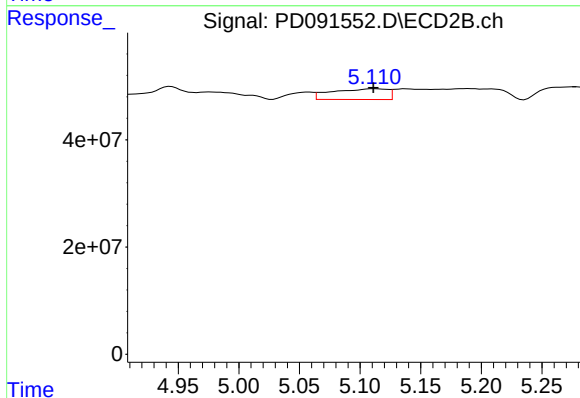
R.T.: 4.478 min
Delta R.T.: 0.005 min
Response: 41599171
Conc: 26.35 ng/ml



#25 Chlordane-3

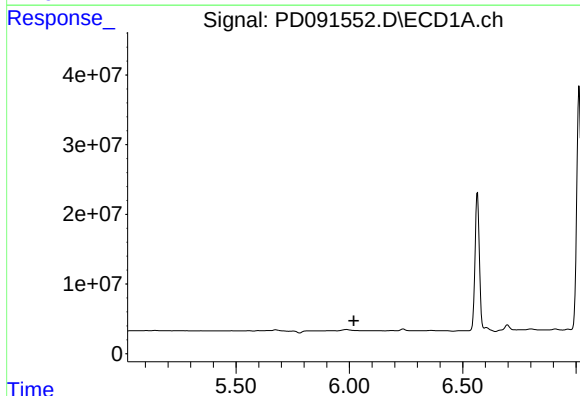
R.T.: 5.933 min
Delta R.T.: -0.002 min
Response: 117875
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



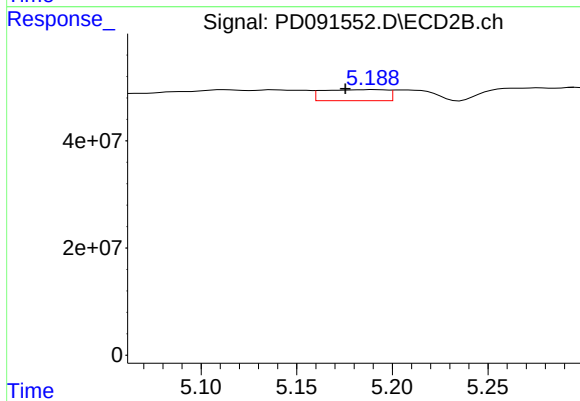
#25 Chlordane-3

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 63824984
Conc: 12.53 ng/ml



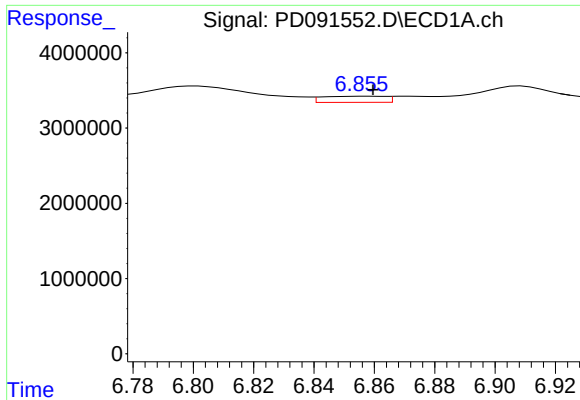
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 6.020 min
Response: 0
Conc: N.D.



#26 Chlordane-4

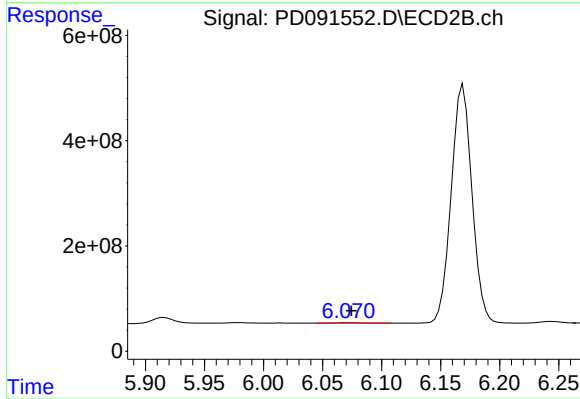
R.T.: 5.190 min
Delta R.T.: 0.015 min
Response: 48014549
Conc: 11.25 ng/ml



#27 Chlordane-5

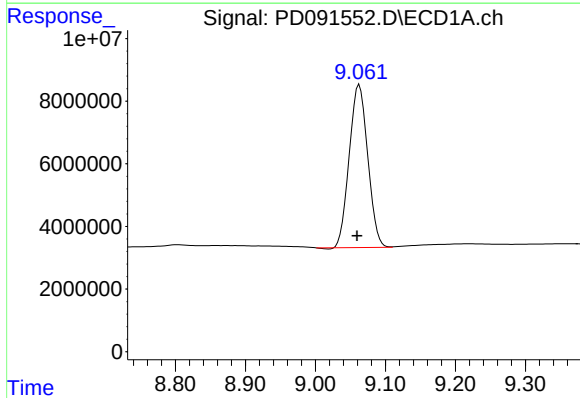
R.T.: 6.857 min
Delta R.T.: -0.002 min
Response: 1179945
Conc: 6.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



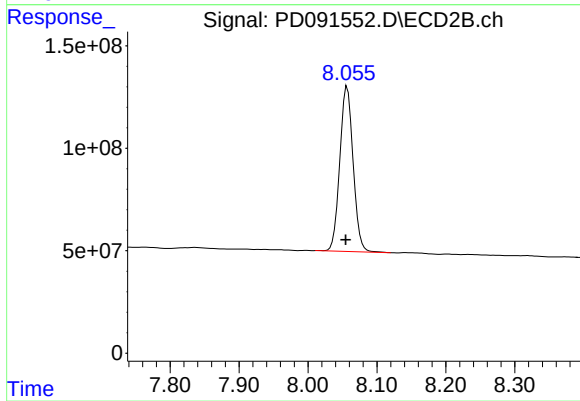
#27 Chlordane-5

R.T.: 6.071 min
Delta R.T.: -0.003 min
Response: 13712244
Conc: 7.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.003 min
Response: 95604949
Conc: 18.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.057 min
Delta R.T.: 0.002 min
Response: 1082718431
Conc: 26.15 ng/ml