

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101625\
 Data File : PD090625.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2025 11:02
 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: Oct 17 04:58:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 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...	3.552	2.875	65065569	604.3E6	20.017	22.013
2)	SA Decachlor...	9.075	8.064	97825743	597.8E6	20.275	18.441
Target Compounds							
2)	A alpha-BHC	4.001	3.387	64990405	505.6E6	9.305	11.549
3)	MA gamma-BHC...	4.332	3.723	63143993	468.1E6	9.543	11.492
4)	MA Heptachlor	4.929	4.072	544643	4089815	0.082	0.100
5)	MB Aldrin	5.263	4.357	289946	3225327	0.046	0.081 #
6)	B beta-BHC	4.520	4.019	27814101	202.7E6	10.781	11.695
7)	B delta-BHC	4.778f	4.255	1357636	847947	0.210	0.021 #
8)	B Heptachlo...	5.662f	4.865	836966	4161489	0.146	0.113
9)	A Endosulfan I	0.000	5.229	0	1220757	N.D.	0.035 #
10)	B gamma-Chl...	5.946	5.118	304095	32108132	0.053	0.817 #
11)	B alpha-Chl...	6.004f	5.183	4261522	3683322	0.740	0.098 #
12)	B 4,4'-DDE	6.199	5.367	1620161	14327061	0.311	0.374
13)	MA Dieldrin	6.371f	5.502	1545776	665989	0.268	0.017 #
14)	MA Endrin	6.576	5.781	237.1E6	1834.7E6	48.458	51.202
15)	B Endosulfa...	6.774	6.079	361350	23886137	0.074	0.708 #
16)	A 4,4'-DDD	6.709	5.923	9626864	96576154	2.349	2.978 #
17)	MA 4,4'-DDT	7.024	6.176	378.0E6	2983.1E6	84.900	86.772
18)	B Endrin al...	6.921	6.250	2788114	18697460	0.813	0.794
19)	B Endosulfa...	0.000	6.493f	0	139983	N.D.	0.004 #
20)	A Methoxychlor	7.497	6.746	442.4E6	3025.8E6	187.714	173.892
21)	B Endrin ke...	7.633	6.983	5348840	41324812	1.081	1.145
22)	Mirex	0.000	7.169	0	11884555	N.D.	0.431 #
23)	Chlordane-1	0.000	3.900	0	601723	N.D.	0.500 #
24)	Chlordane-2	5.263f	4.474	289946	14866699	1.351	11.889 #
25)	Chlordane-3	5.946	5.118	304095	32108132	0.363	8.471 #
26)	Chlordane-4	6.004f	5.183	4261522	3683322	4.176	1.131 #
27)	Chlordane-5	6.886	6.079	1023125	23886137	5.747	15.739 #

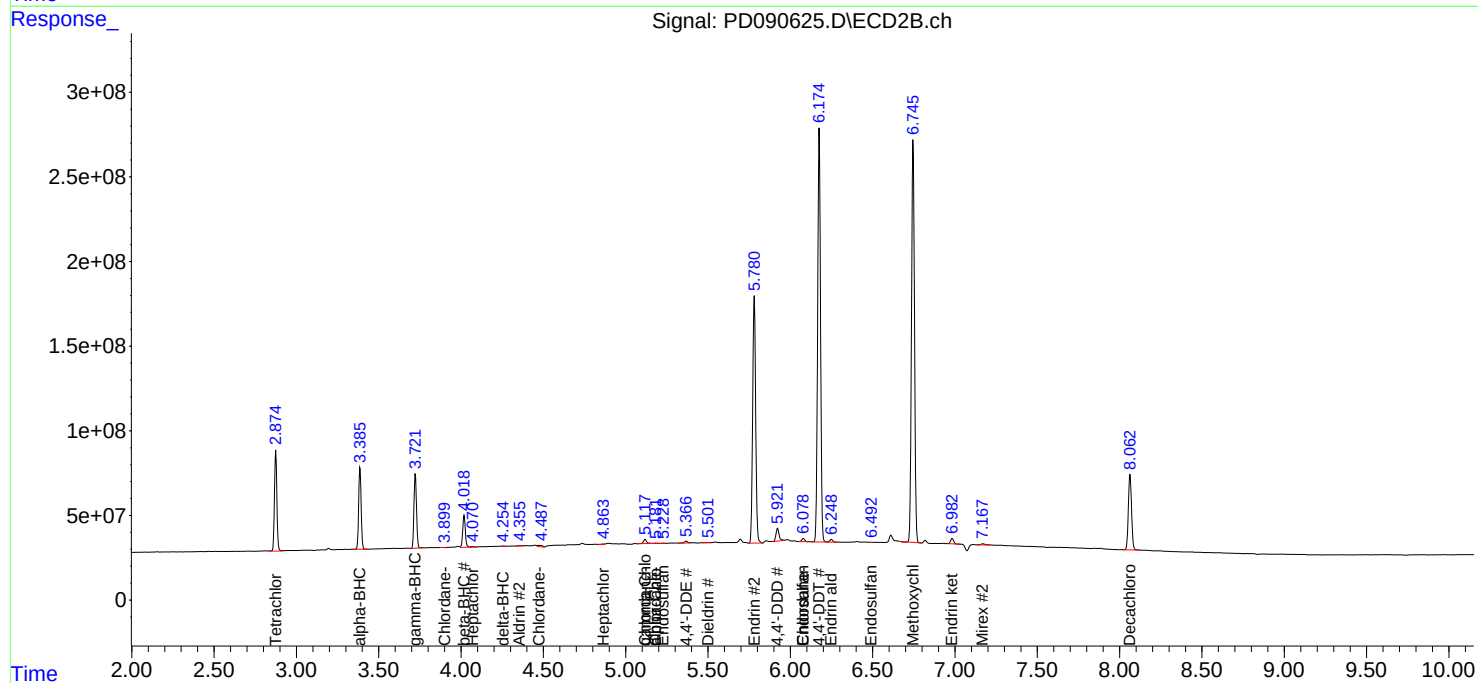
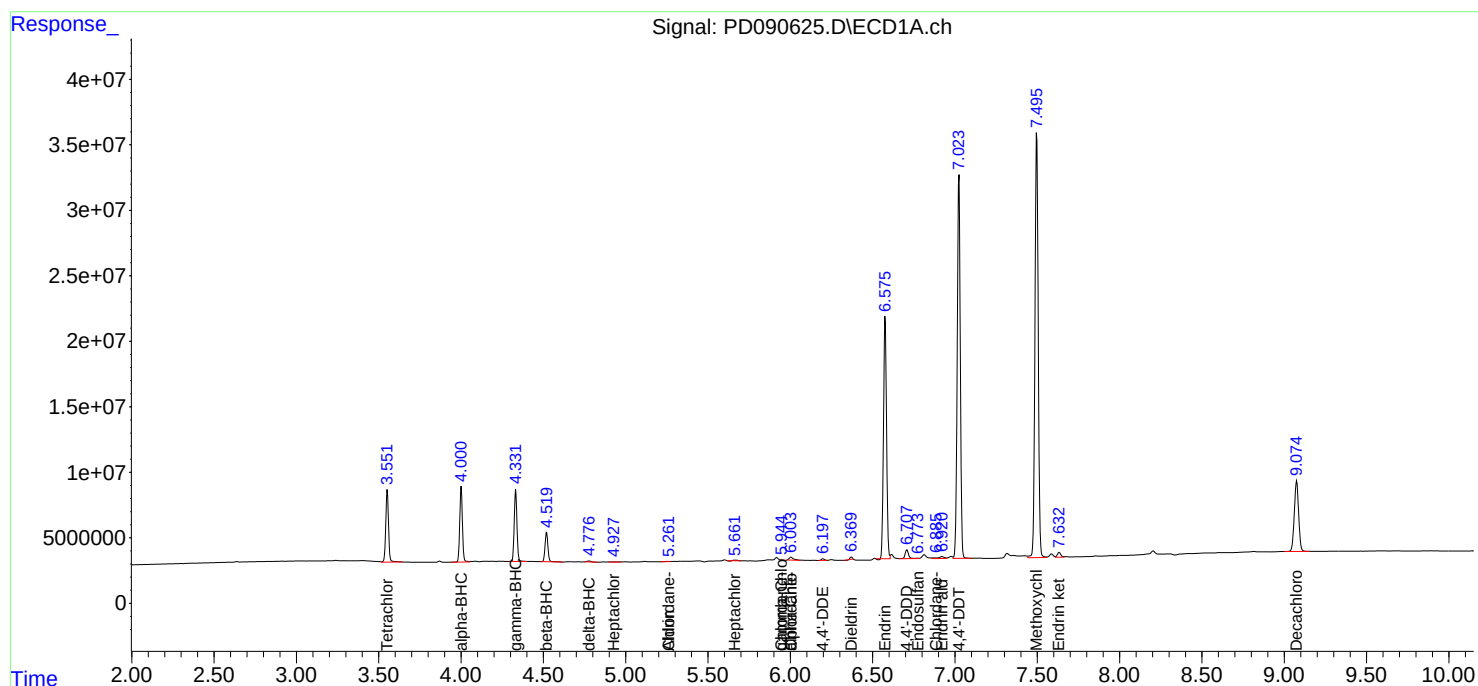
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

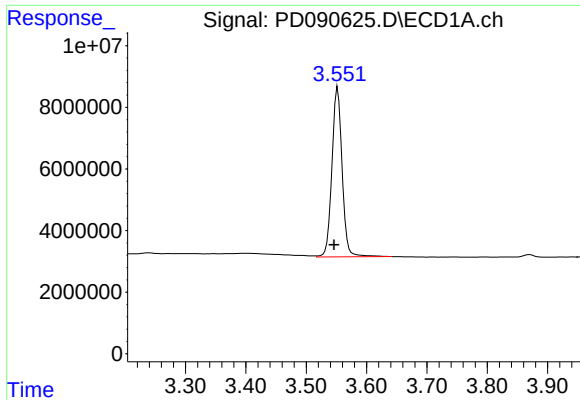
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101625\
Data File : PD090625.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2025 11:02
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 04:58:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 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

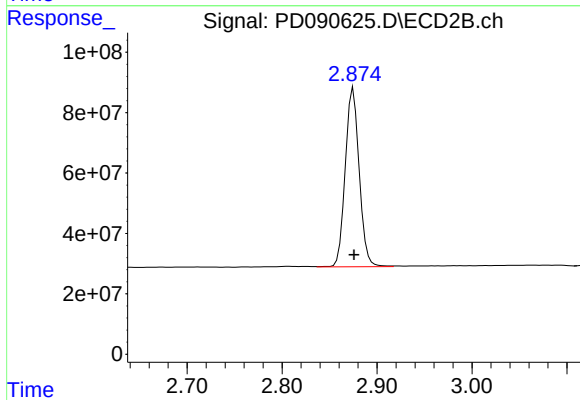




#1 Tetrachloro-m-xylene

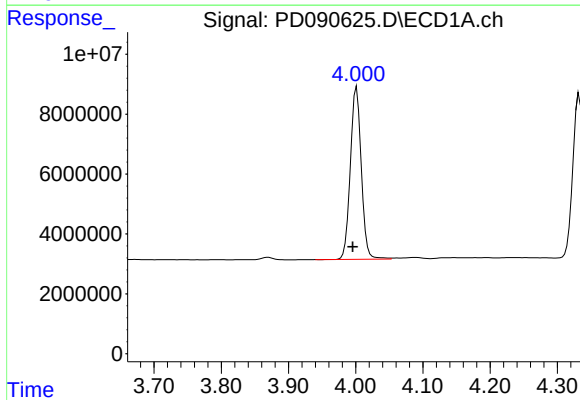
R.T.: 3.552 min
Delta R.T.: 0.006 min
Response: 65065569
Conc: 20.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



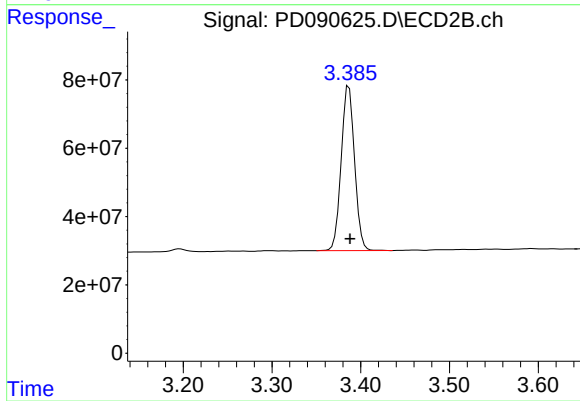
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 604252728
Conc: 22.01 ng/ml



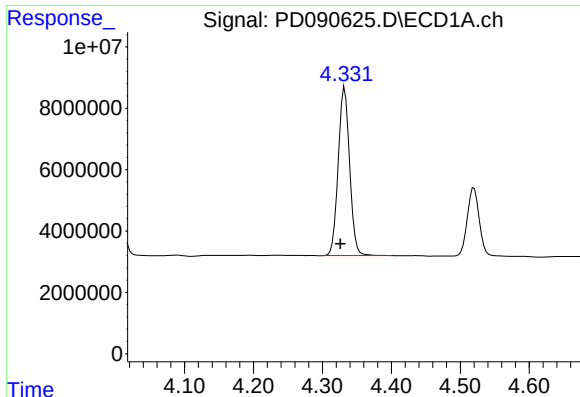
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.006 min
Response: 64990405
Conc: 9.30 ng/ml



#2 alpha-BHC

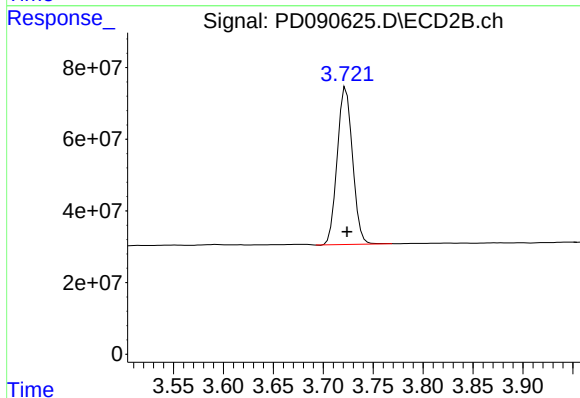
R.T.: 3.387 min
Delta R.T.: -0.001 min
Response: 505646495
Conc: 11.55 ng/ml



#3 gamma-BHC (Lindane)

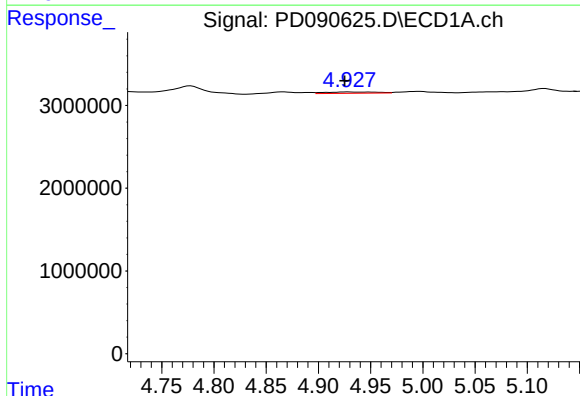
R.T.: 4.332 min
Delta R.T.: 0.006 min
Response: 63143993
Conc: 9.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



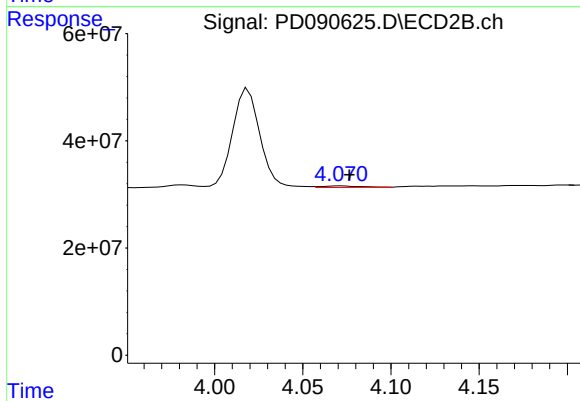
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: -0.001 min
Response: 468123869
Conc: 11.49 ng/ml



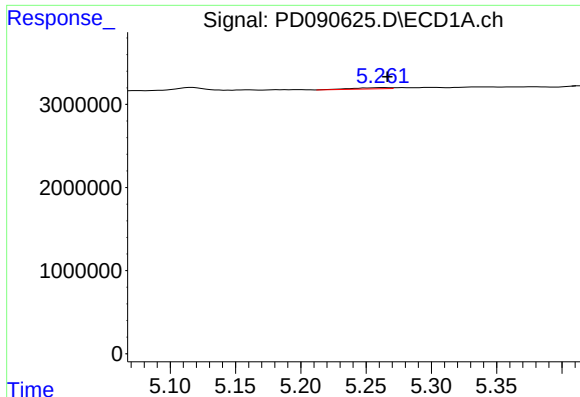
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.004 min
Response: 544643
Conc: 0.08 ng/ml



#4 Heptachlor

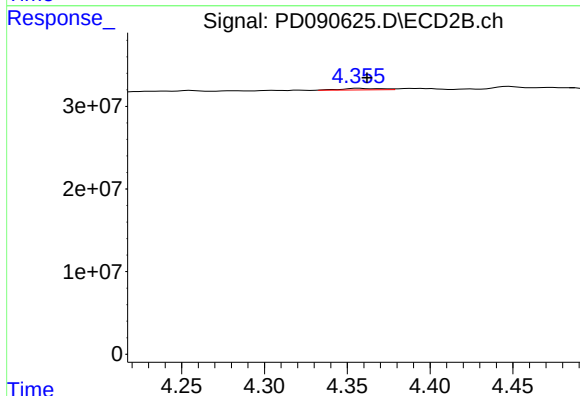
R.T.: 4.072 min
Delta R.T.: -0.005 min
Response: 4089815
Conc: 0.10 ng/ml



#5 Aldrin

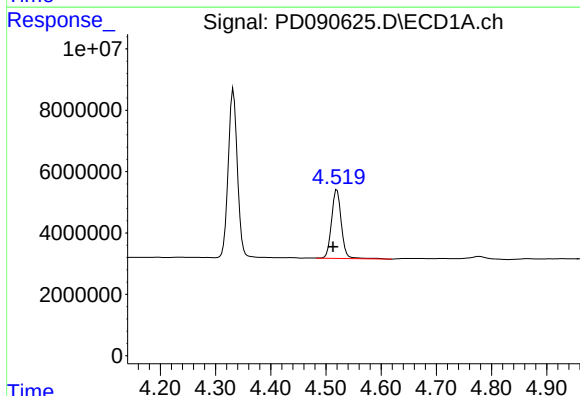
R.T.: 5.263 min
Delta R.T.: -0.003 min
Response: 289946
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



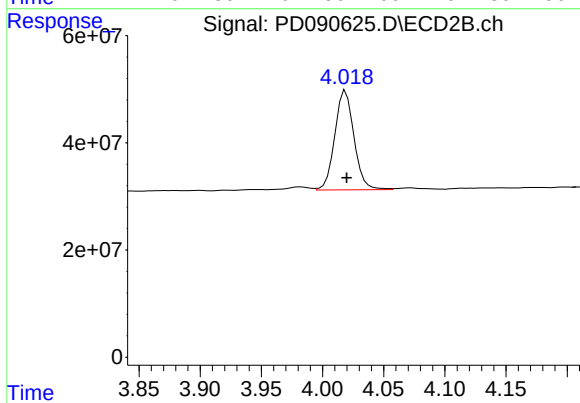
#5 Aldrin

R.T.: 4.357 min
Delta R.T.: -0.005 min
Response: 3225327
Conc: 0.08 ng/ml



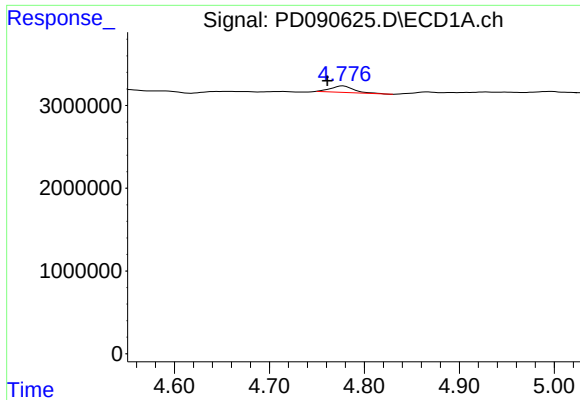
#6 beta-BHC

R.T.: 4.520 min
Delta R.T.: 0.007 min
Response: 27814101
Conc: 10.78 ng/ml



#6 beta-BHC

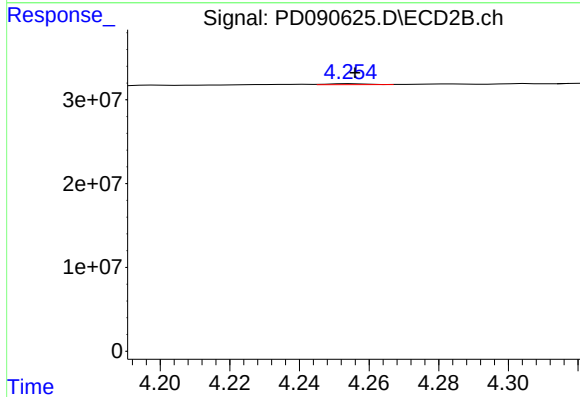
R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 202734714
Conc: 11.69 ng/ml



#7 delta-BHC

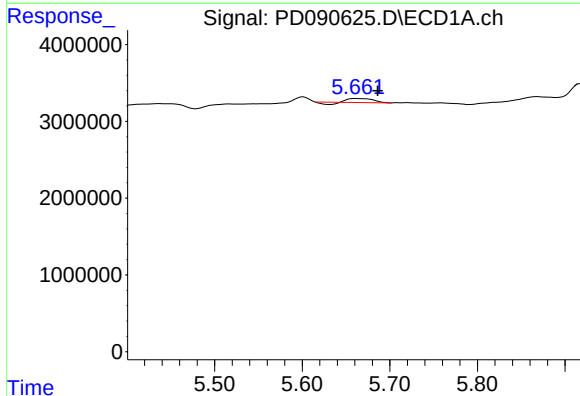
R.T.: 4.778 min
Delta R.T.: 0.017 min
Response: 1357636
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



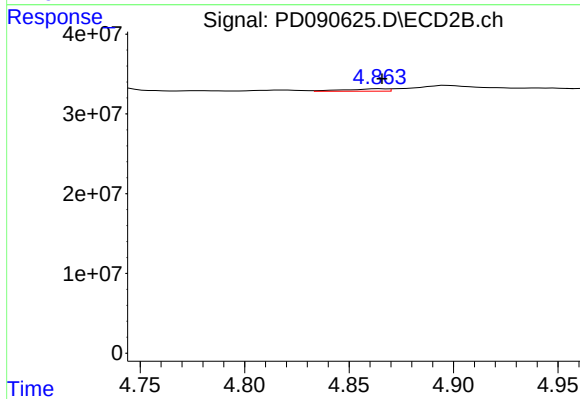
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 847947
Conc: 0.02 ng/ml



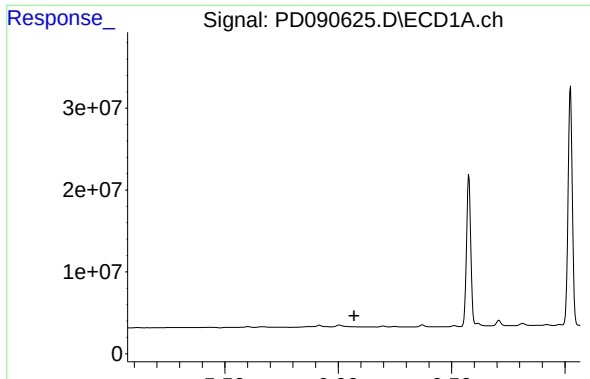
#8 Heptachlor epoxide

R.T.: 5.662 min
Delta R.T.: -0.025 min
Response: 836966
Conc: 0.15 ng/ml



#8 Heptachlor epoxide

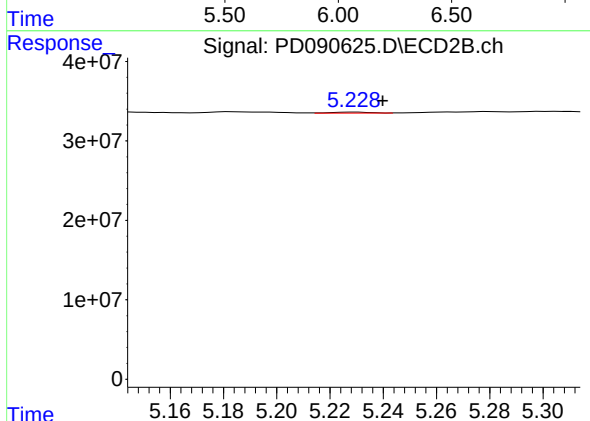
R.T.: 4.865 min
Delta R.T.: -0.001 min
Response: 4161489
Conc: 0.11 ng/ml



#9 Endosulfan I

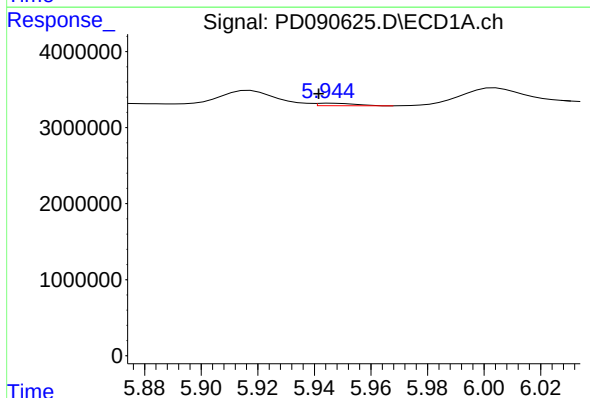
R.T.: 0.000 min
Exp R.T.: 6.070 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



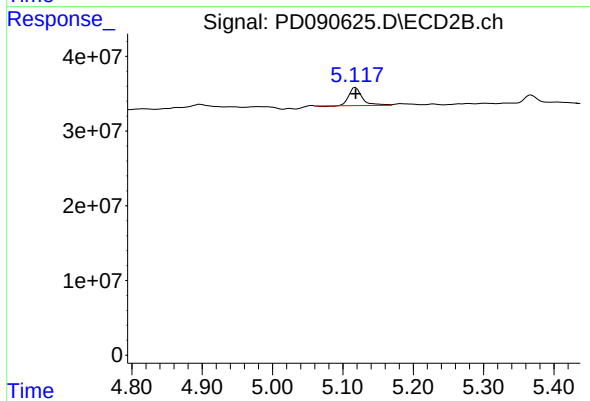
#9 Endosulfan I

R.T.: 5.229 min
Delta R.T.: -0.011 min
Response: 1220757
Conc: 0.04 ng/ml



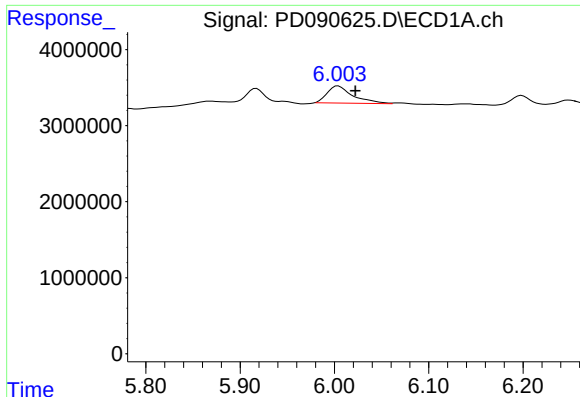
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.004 min
Response: 304095
Conc: 0.05 ng/ml



#10 gamma-Chlordane

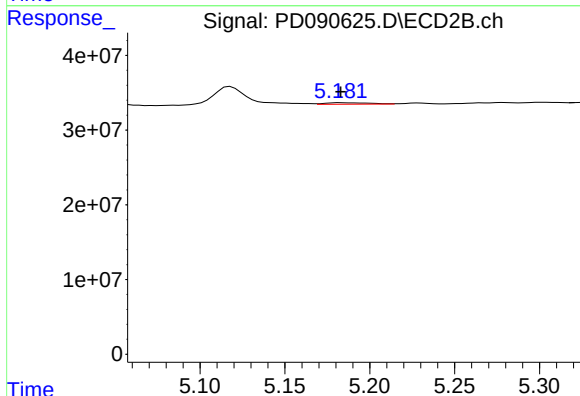
R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 32108132
Conc: 0.82 ng/ml



#11 alpha-Chlordane

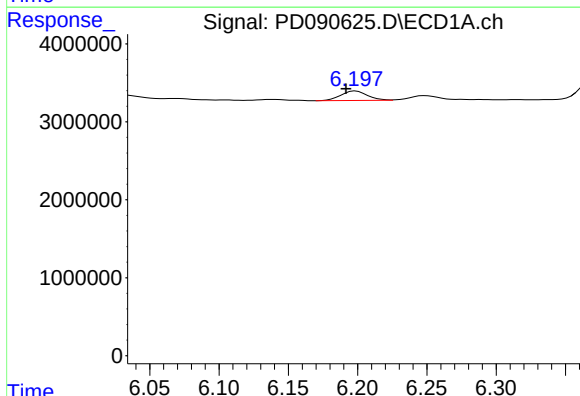
R.T.: 6.004 min
Delta R.T.: -0.018 min
Response: 4261522
Conc: 0.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



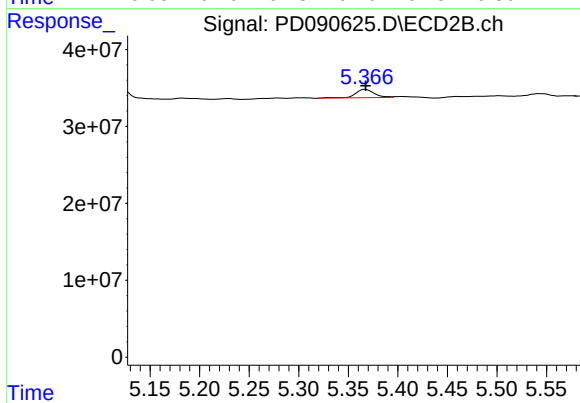
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 3683322
Conc: 0.10 ng/ml



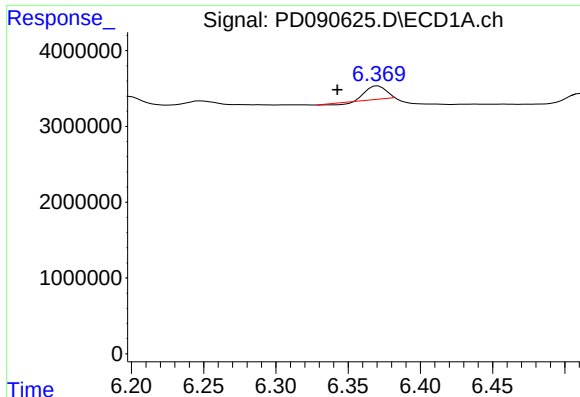
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.007 min
Response: 1620161
Conc: 0.31 ng/ml



#12 4,4'-DDE

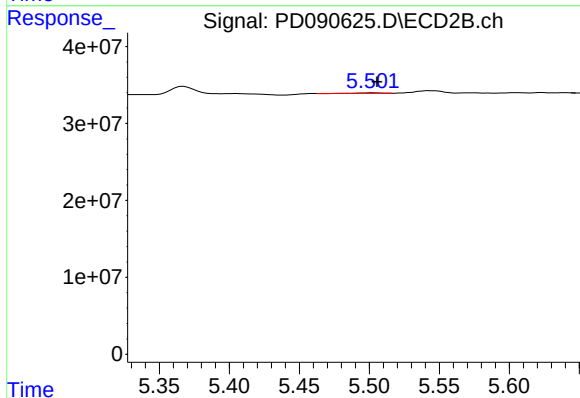
R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 14327061
Conc: 0.37 ng/ml



#13 Dieldrin

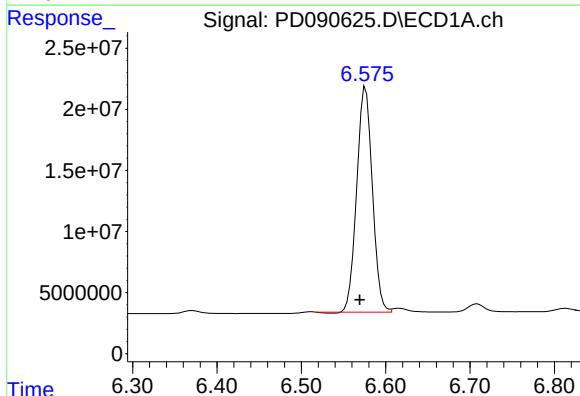
R.T.: 6.371 min
Delta R.T.: 0.028 min
Response: 1545776
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



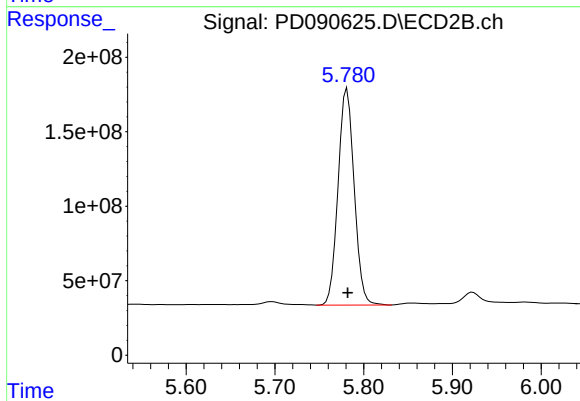
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.004 min
Response: 665989
Conc: 0.02 ng/ml



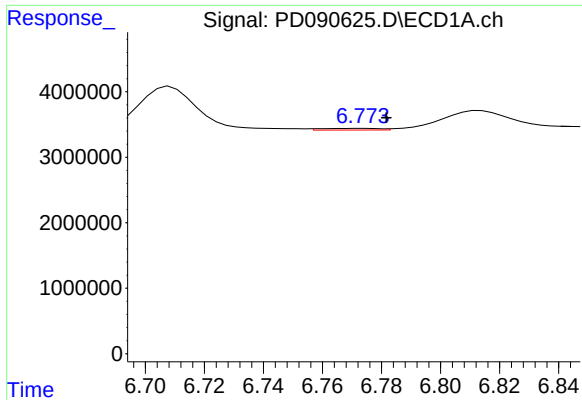
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.007 min
Response: 237148571
Conc: 48.46 ng/ml



#14 Endrin

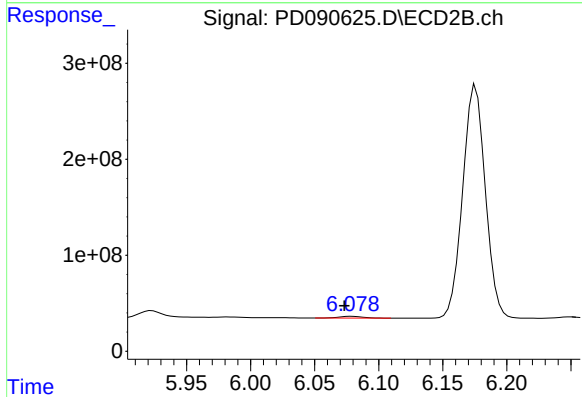
R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 1834672778
Conc: 51.20 ng/ml



#15 Endosulfan II

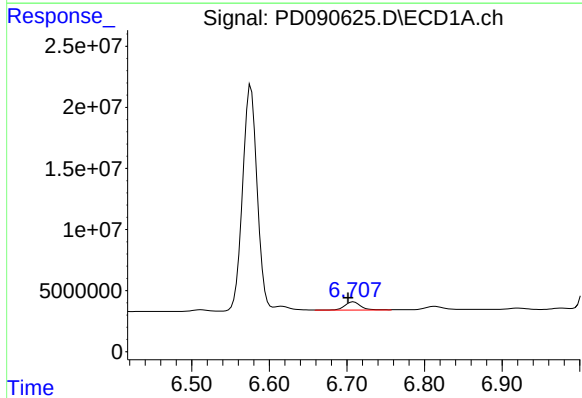
R.T.: 6.774 min
Delta R.T.: -0.008 min
Response: 361350
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



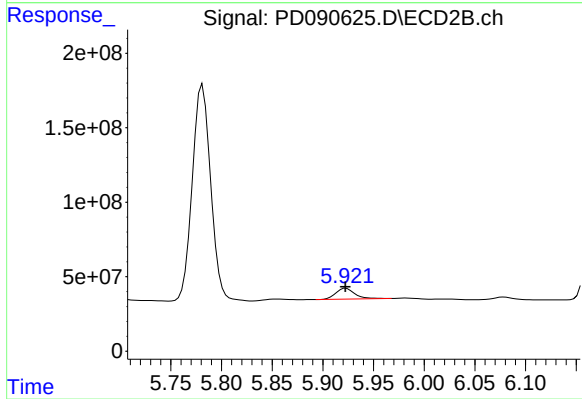
#15 Endosulfan II

R.T.: 6.079 min
Delta R.T.: 0.006 min
Response: 23886137
Conc: 0.71 ng/ml



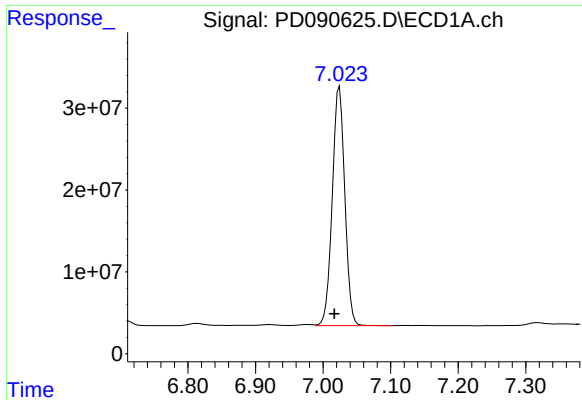
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.007 min
Response: 9626864
Conc: 2.35 ng/ml



#16 4,4'-DDD

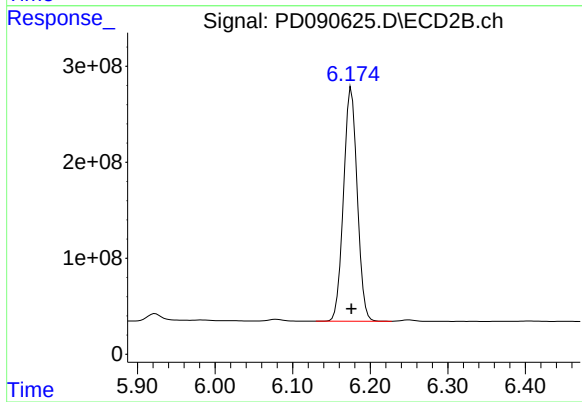
R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 96576154
Conc: 2.98 ng/ml



#17 4,4'-DDT

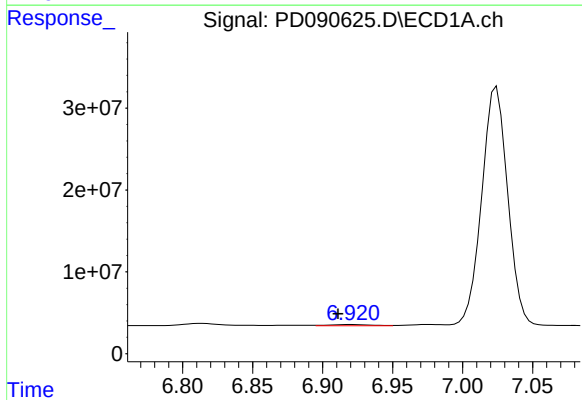
R.T.: 7.024 min
Delta R.T.: 0.007 min
Response: 378016131
Conc: 84.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



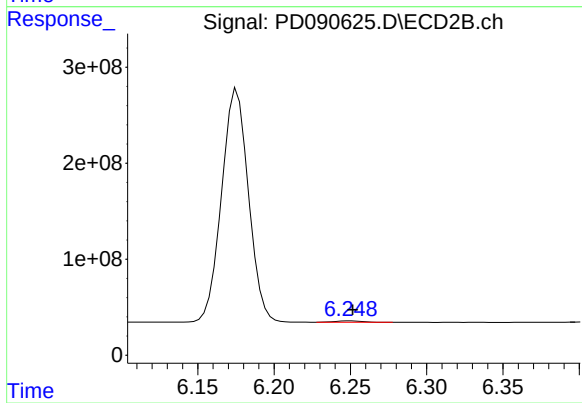
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 2983144608
Conc: 86.77 ng/ml



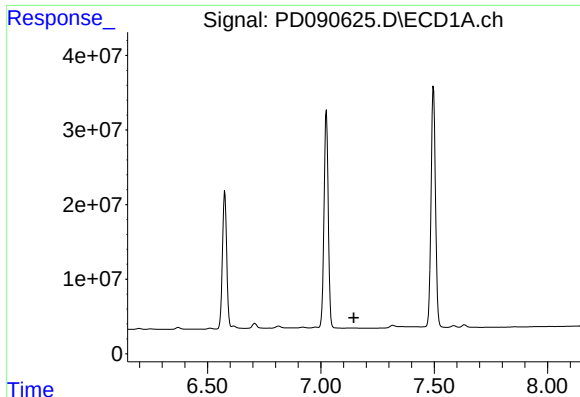
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: 0.010 min
Response: 2788114
Conc: 0.81 ng/ml



#18 Endrin aldehyde

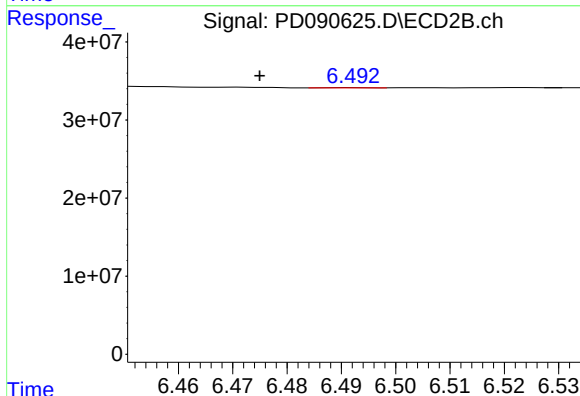
R.T.: 6.250 min
Delta R.T.: -0.002 min
Response: 18697460
Conc: 0.79 ng/ml



#19 Endosulfan Sulfate

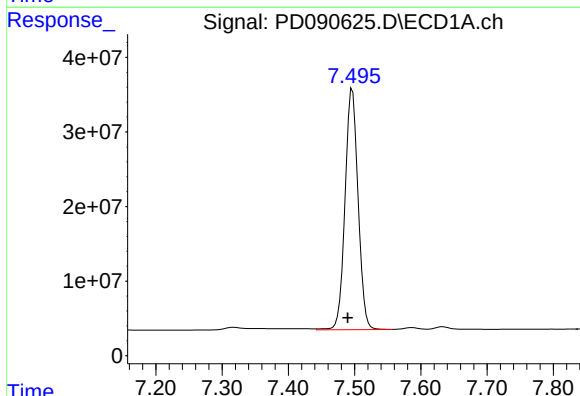
R.T.: 0.000 min
Exp R.T.: 7.146 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



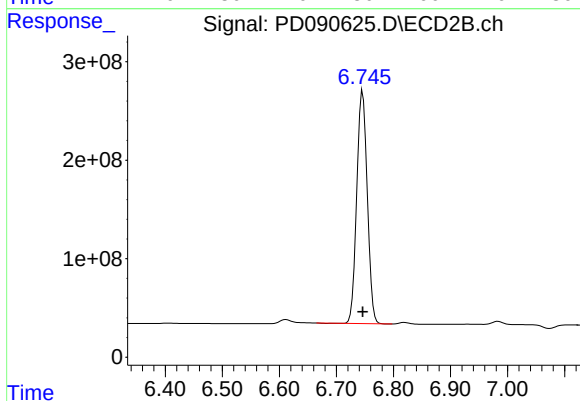
#19 Endosulfan Sulfate

R.T.: 6.493 min
Delta R.T.: 0.018 min
Response: 139983
Conc: 0.00 ng/ml



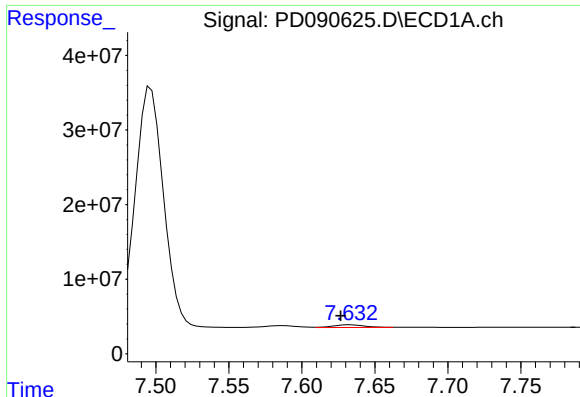
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: 0.007 min
Response: 442350810
Conc: 187.71 ng/ml



#20 Methoxychlor

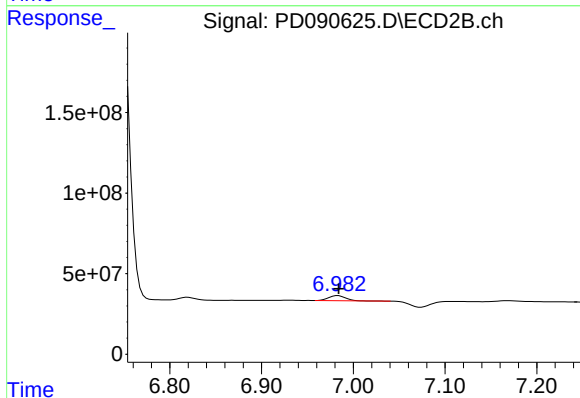
R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 3025779531
Conc: 173.89 ng/ml



#21 Endrin ketone

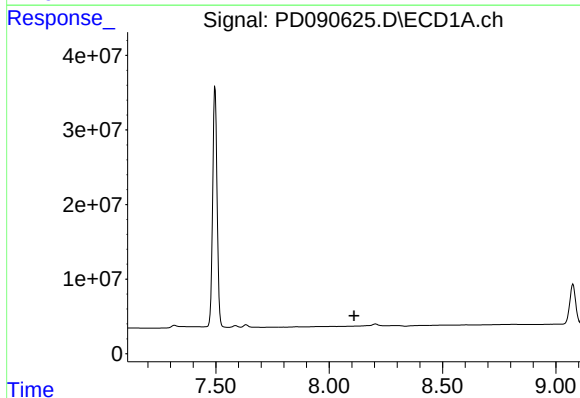
R.T.: 7.633 min
Delta R.T.: 0.007 min
Response: 5348840
Conc: 1.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



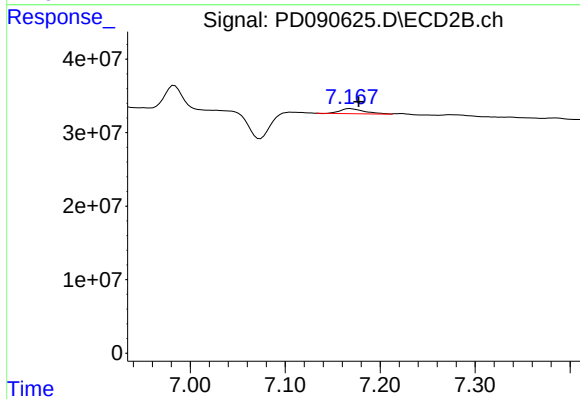
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 41324812
Conc: 1.14 ng/ml



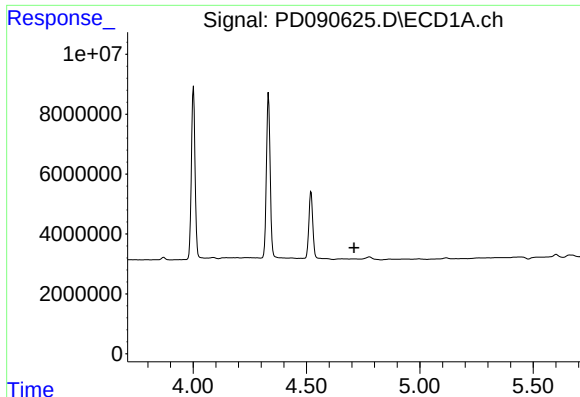
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.109 min
Response: 0
Conc: N.D.



#22 Mirex

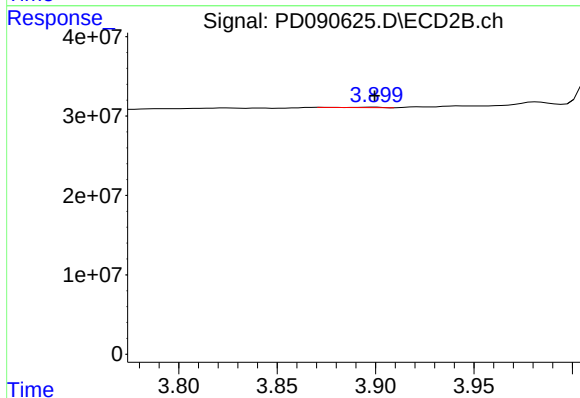
R.T.: 7.169 min
Delta R.T.: -0.009 min
Response: 11884555
Conc: 0.43 ng/ml



#23 Chlordane-1

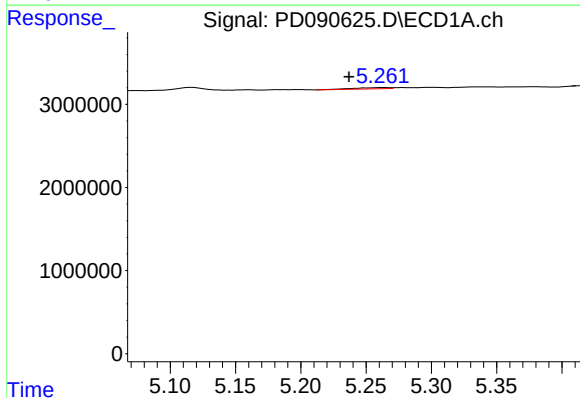
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



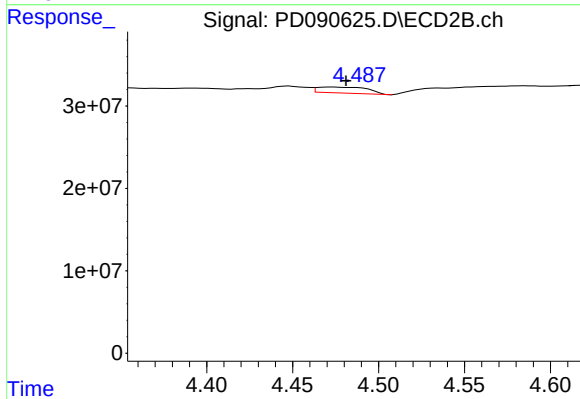
#23 Chlordane-1

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 601723
Conc: 0.50 ng/ml



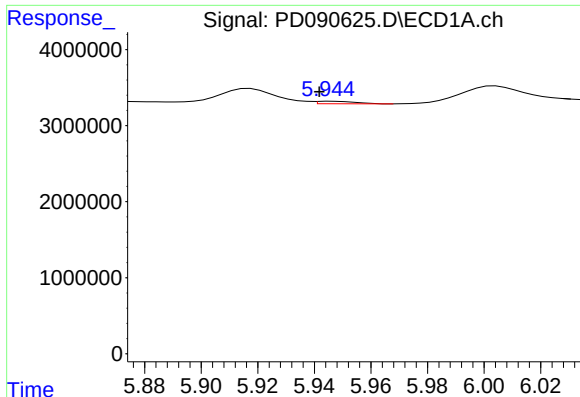
#24 Chlordane-2

R.T.: 5.263 min
Delta R.T.: 0.026 min
Response: 289946
Conc: 1.35 ng/ml



#24 Chlordane-2

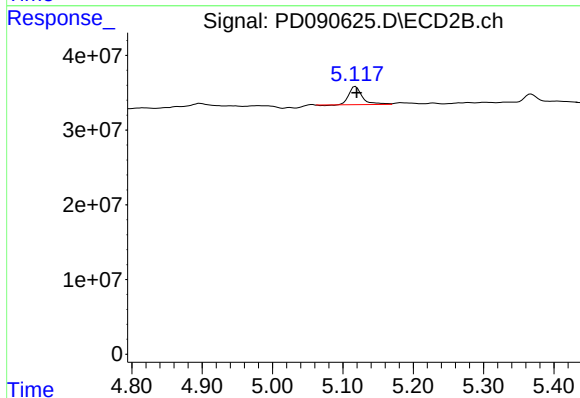
R.T.: 4.474 min
Delta R.T.: -0.007 min
Response: 14866699
Conc: 11.89 ng/ml



#25 Chlordane-3

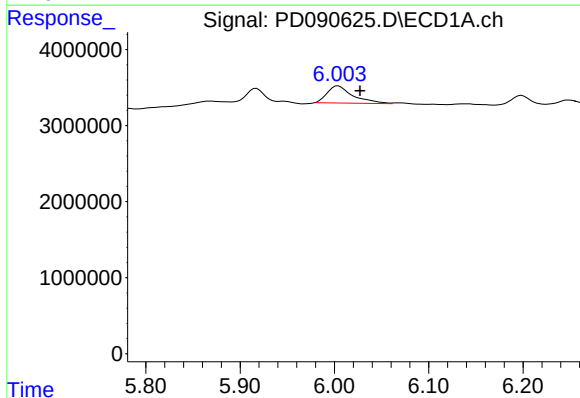
R.T.: 5.946 min
Delta R.T.: 0.004 min
Response: 304095
Conc: 0.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



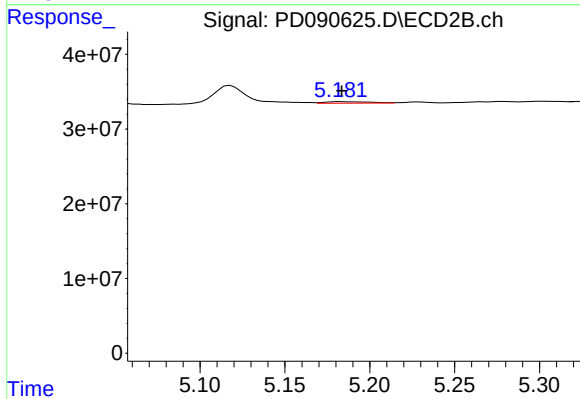
#25 Chlordane-3

R.T.: 5.118 min
Delta R.T.: -0.002 min
Response: 32108132
Conc: 8.47 ng/ml



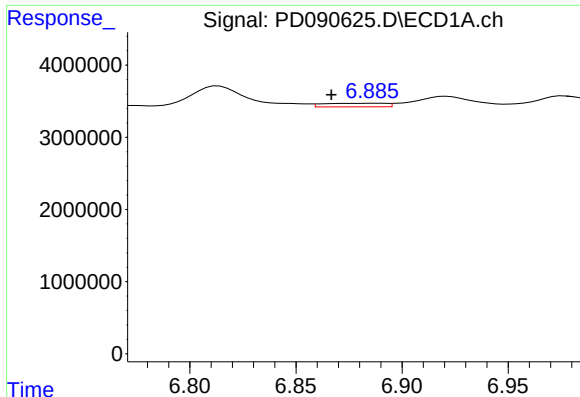
#26 Chlordane-4

R.T.: 6.004 min
Delta R.T.: -0.023 min
Response: 4261522
Conc: 4.18 ng/ml



#26 Chlordane-4

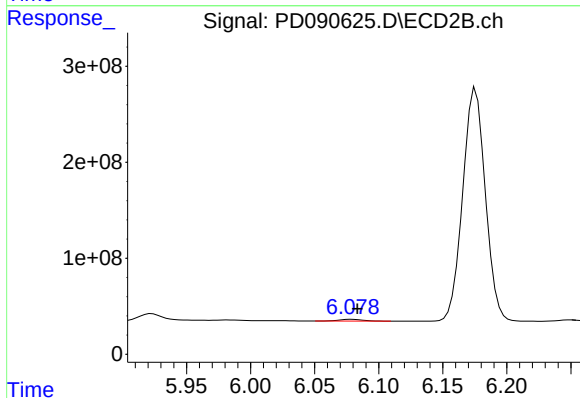
R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 3683322
Conc: 1.13 ng/ml



#27 Chlordane-5

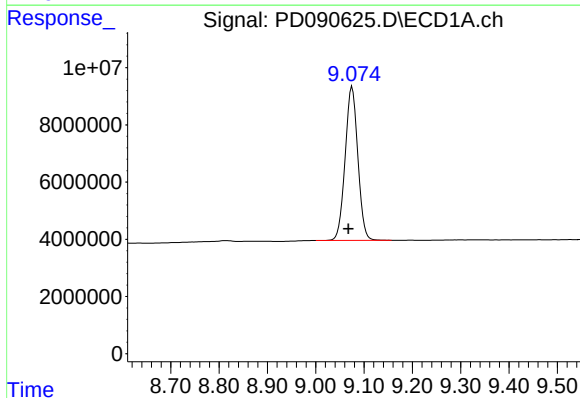
R.T.: 6.886 min
Delta R.T.: 0.019 min
Response: 1023125
Conc: 5.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



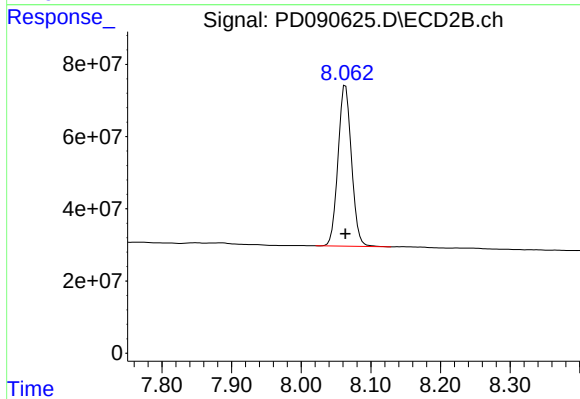
#27 Chlordane-5

R.T.: 6.079 min
Delta R.T.: -0.004 min
Response: 23886137
Conc: 15.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: 0.008 min
Response: 97825743
Conc: 20.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 597774220
Conc: 18.44 ng/ml