

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120624\
 Data File : PD087047.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Dec 2024 10:43
 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 06 22:19:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 27 15:47:26 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...	3.558	2.884	39003537	236.0E6	19.504	20.615
28)	SA Decachlor...	9.089	8.086	58338555	267.0E6	18.340	19.160
Target Compounds							
2)	A alpha-BHC	4.007	3.397	36048785	190.5E6	8.958	10.813
3)	MA gamma-BHC...	4.338	3.734	35713191	176.2E6	8.954	10.493
4)	MA Heptachlor	0.000	4.102	0	199200	N.D.	0.012 #
5)	MB Aldrin	0.000	4.370	0	8883534	N.D.	0.531 #
6)	B beta-BHC	4.522	4.030	16635572	80590034	10.547	11.253
7)	B delta-BHC	0.000	4.269	0	2984757	N.D.	0.176 #
8)	B Heptachlo...	5.690	4.879	1141059	399783	0.316	0.026 #
9)	A Endosulfan I	0.000	5.243	0	8258770	N.D.	0.582 #
10)	B gamma-Chl...	5.933f	5.132	2709768	1797241	0.767	0.116 #
11)	B alpha-Chl...	6.049	5.175f	2344641	5027873	0.656	0.329 #
12)	B 4,4'-DDE	6.209	5.385	317303	24771667	0.098	1.643 #
13)	MA Dieldrin	6.376f	5.518	201858	68549	0.056	0.004 #
14)	MA Endrin	6.584	5.798	128.4E6	596.4E6	42.442	42.631
15)	B Endosulfa...	6.817f	6.097	830488	1922695	0.278	0.140 #
16)	A 4,4'-DDD	6.714	5.939	7649357	34479246	2.943	2.743
17)	MA 4,4'-DDT	7.032	6.193	257.6E6	1127.5E6	91.204	84.557
18)	B Endrin al...	6.925	6.268	3701671	21359571	1.514	1.925 #
19)	B Endosulfa...	0.000	6.473f	0	1019067	N.D.	0.075 #
20)	A Methoxychlor	7.504	6.766	336.4E6	1237.4E6	210.338	172.500
21)	B Endrin ke...	7.640	7.000	7680014	48597779	2.367	3.224 #
22)	Mirex	8.132	7.218f	97071	2728099	0.039	0.221 #
23)	Chlordane-1	0.000	3.942f	0	2144002	N.D.	4.120 #
24)	Chlordane-2	0.000	4.490	0	8209672	N.D.	14.733 #
25)	Chlordane-3	5.933f	5.132	2709768	1797241	4.966	1.087 #
26)	Chlordane-4	6.049	5.175f	2344641	5027873	3.554	3.586
27)	Chlordane-5	0.000	6.097	0	1922695	N.D.	3.001 #

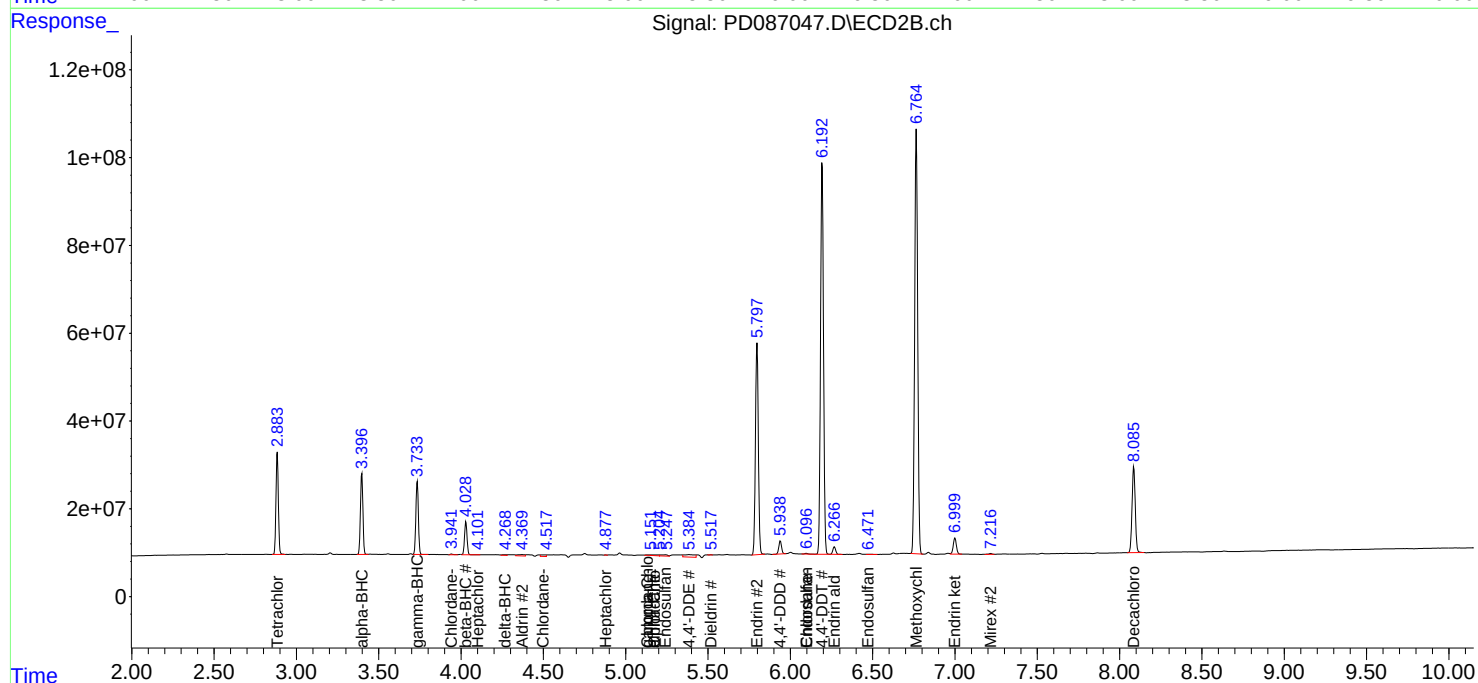
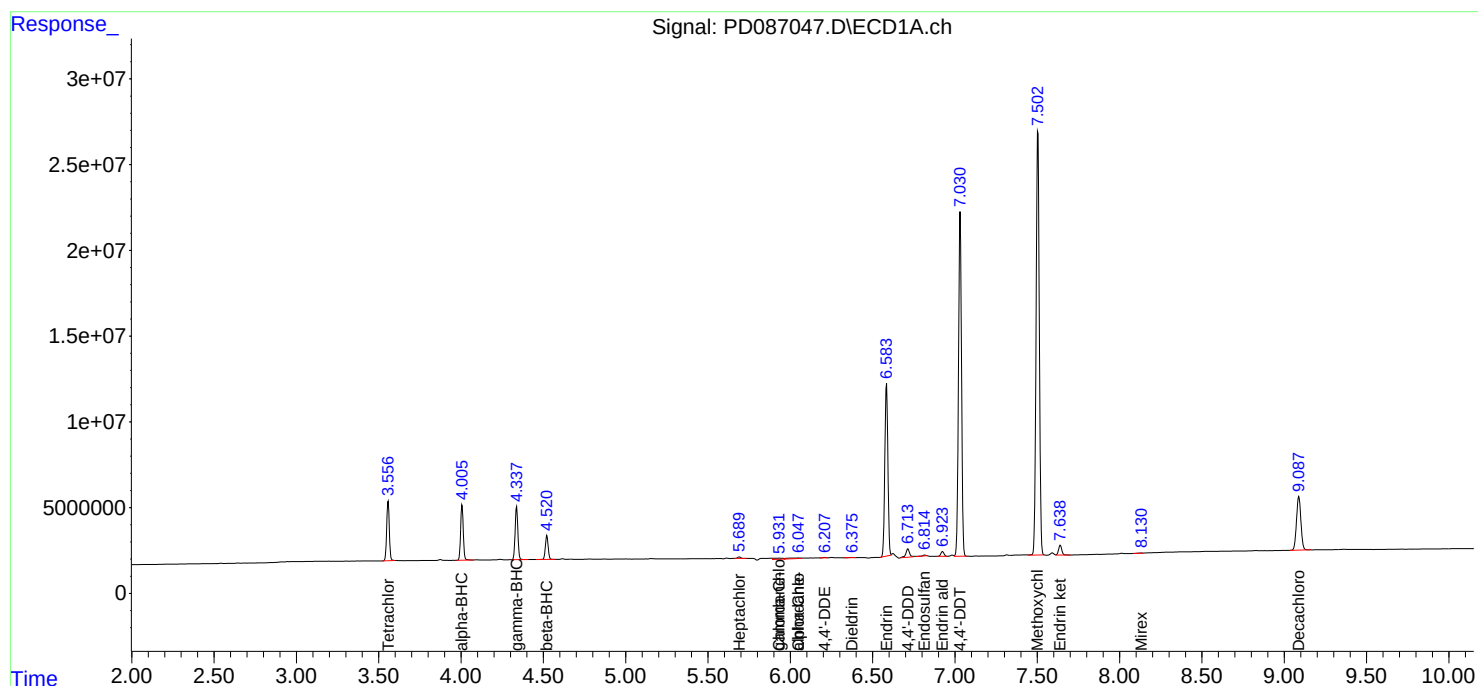
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

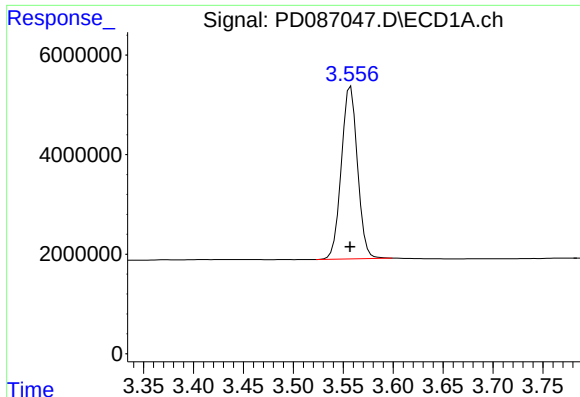
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120624\
Data File : PD087047.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2024 10:43
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 22:19:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
Quant Title : GC Extractables
QLast Update : Wed Nov 27 15:47:26 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

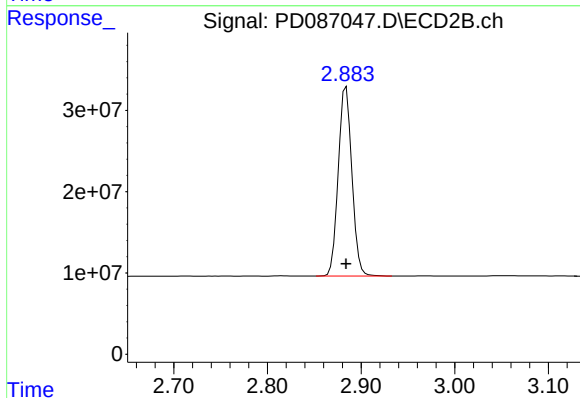




#1 Tetrachloro-m-xylene

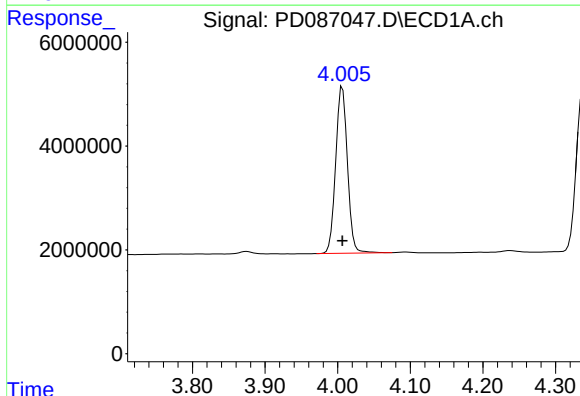
R.T.: 3.558 min
Delta R.T.: 0.000 min
Response: 39003537
Conc: 19.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



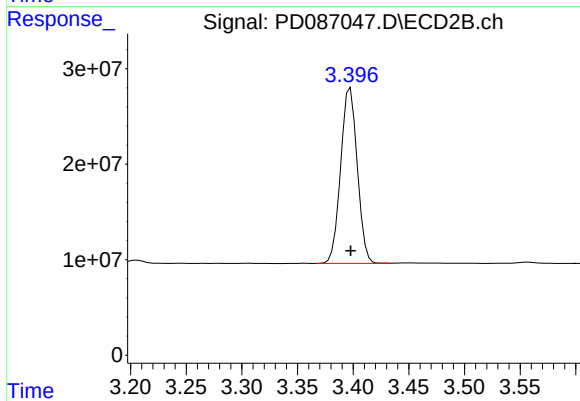
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 235972223
Conc: 20.62 ng/ml



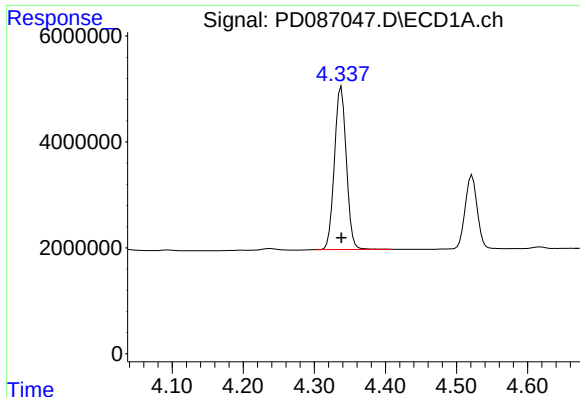
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 36048785
Conc: 8.96 ng/ml



#2 alpha-BHC

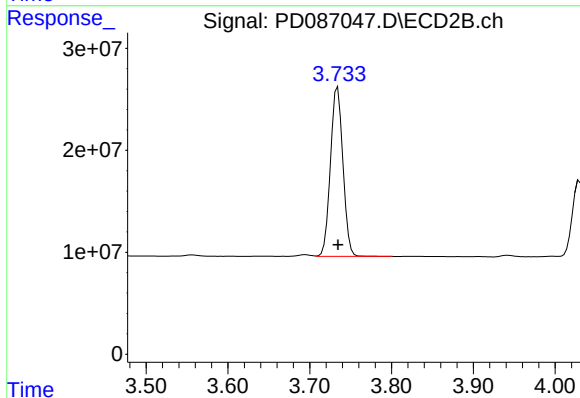
R.T.: 3.397 min
Delta R.T.: 0.000 min
Response: 190530859
Conc: 10.81 ng/ml



#3 gamma-BHC (Lindane)

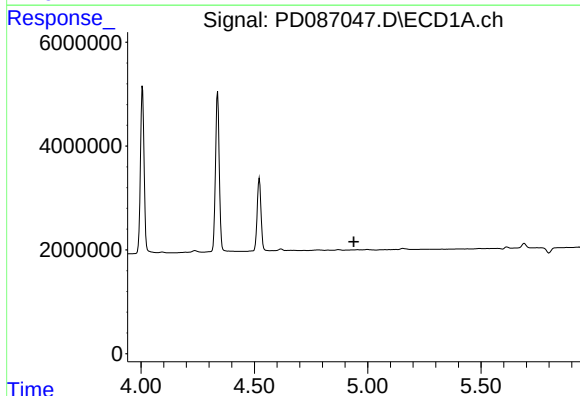
R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 35713191
Conc: 8.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



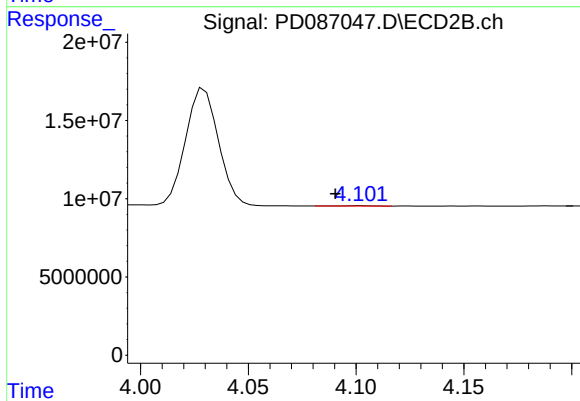
#3 gamma-BHC (Lindane)

R.T.: 3.734 min
Delta R.T.: 0.000 min
Response: 176227968
Conc: 10.49 ng/ml



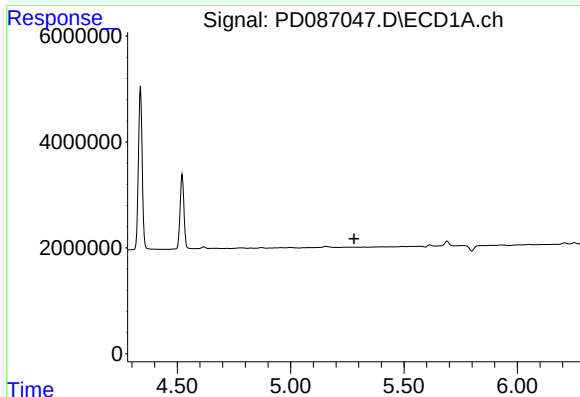
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.938 min
Response: 0
Conc: N.D.



#4 Heptachlor

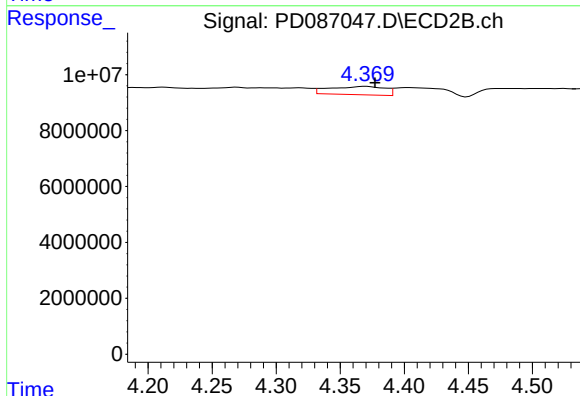
R.T.: 4.102 min
Delta R.T.: 0.012 min
Response: 199200
Conc: 0.01 ng/ml



#5 Aldrin

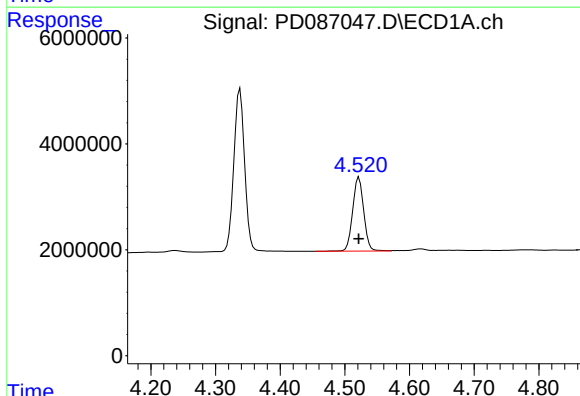
R.T.: 0.000 min
Exp R.T.: 5.280 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



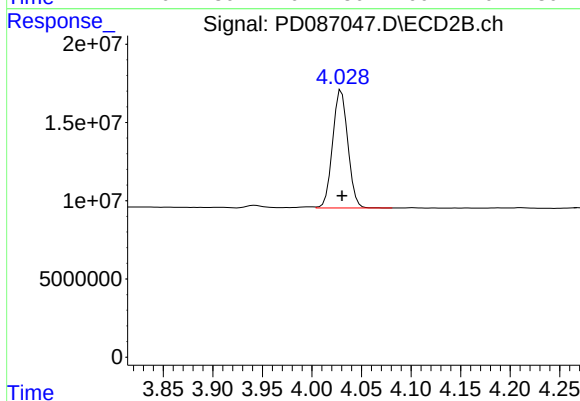
#5 Aldrin

R.T.: 4.370 min
Delta R.T.: -0.007 min
Response: 8883534
Conc: 0.53 ng/ml



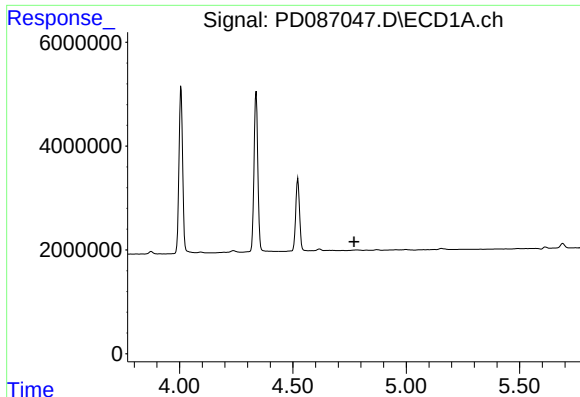
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 16635572
Conc: 10.55 ng/ml



#6 beta-BHC

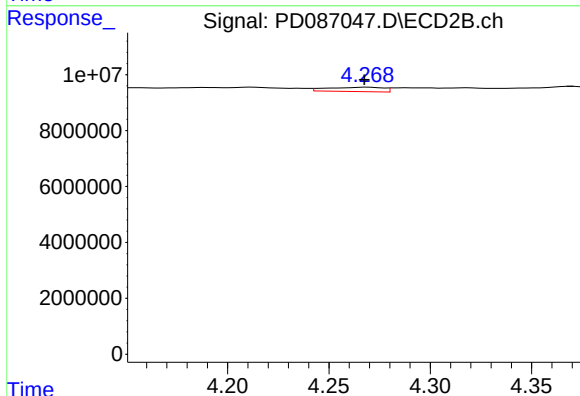
R.T.: 4.030 min
Delta R.T.: 0.000 min
Response: 80590034
Conc: 11.25 ng/ml



#7 delta-BHC

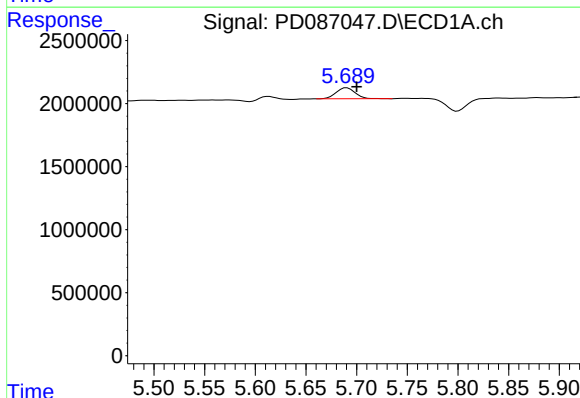
R.T.: 0.000 min
Exp R.T.: 4.770 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



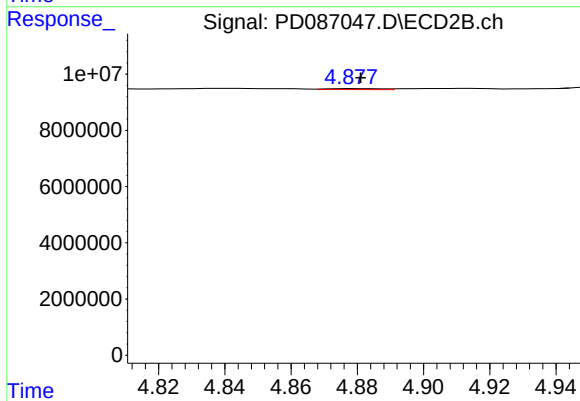
#7 delta-BHC

R.T.: 4.269 min
Delta R.T.: 0.002 min
Response: 2984757
Conc: 0.18 ng/ml



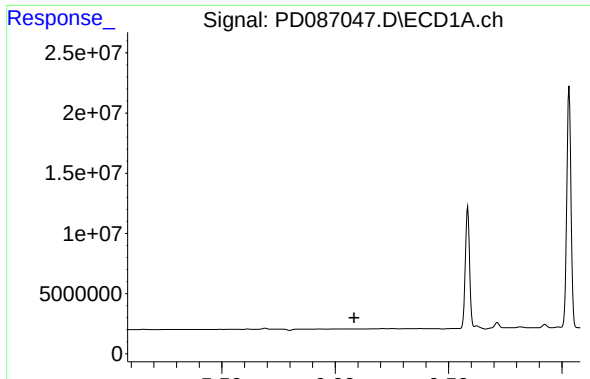
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.010 min
Response: 1141059
Conc: 0.32 ng/ml



#8 Heptachlor epoxide

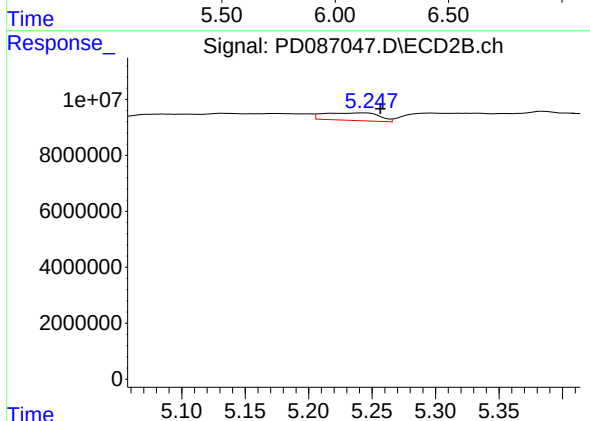
R.T.: 4.879 min
Delta R.T.: -0.002 min
Response: 399783
Conc: 0.03 ng/ml



#9 Endosulfan I

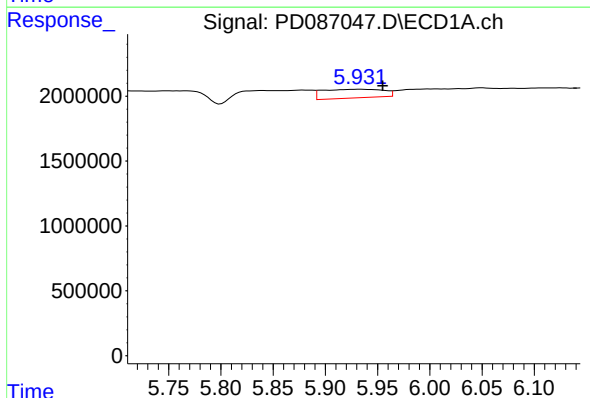
R.T.: 0.000 min
Exp R.T.: 6.084 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



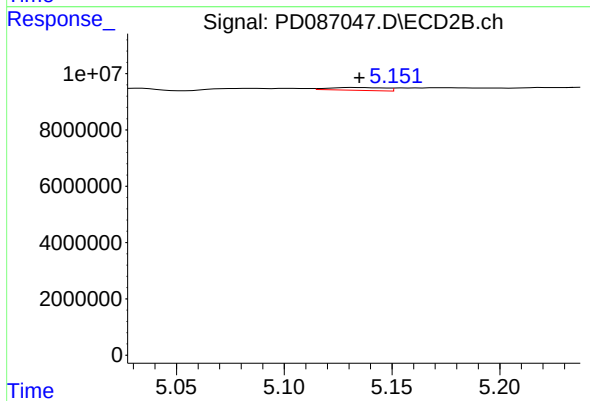
#9 Endosulfan I

R.T.: 5.243 min
Delta R.T.: -0.013 min
Response: 8258770
Conc: 0.58 ng/ml



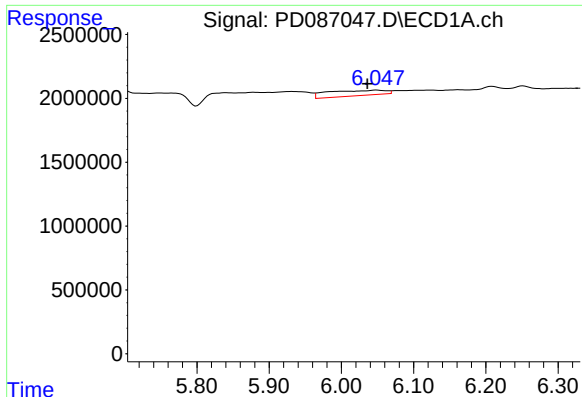
#10 gamma-Chlordane

R.T.: 5.933 min
Delta R.T.: -0.022 min
Response: 2709768
Conc: 0.77 ng/ml



#10 gamma-Chlordane

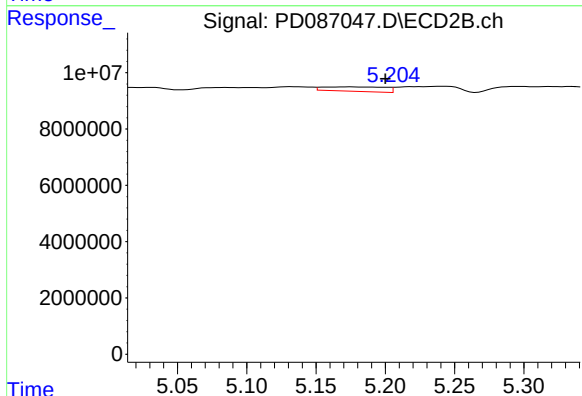
R.T.: 5.132 min
Delta R.T.: -0.003 min
Response: 1797241
Conc: 0.12 ng/ml



#11 alpha-Chlordane

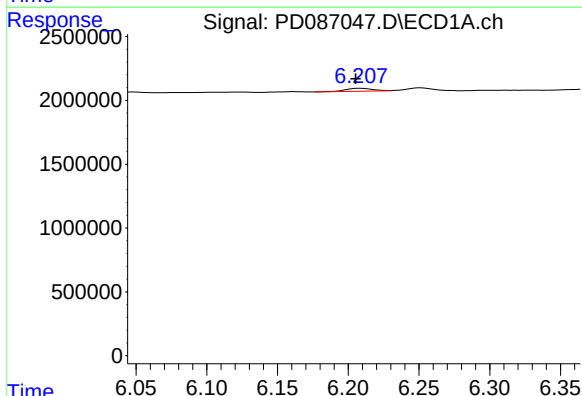
R.T.: 6.049 min
Delta R.T.: 0.013 min
Response: 2344641
Conc: 0.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



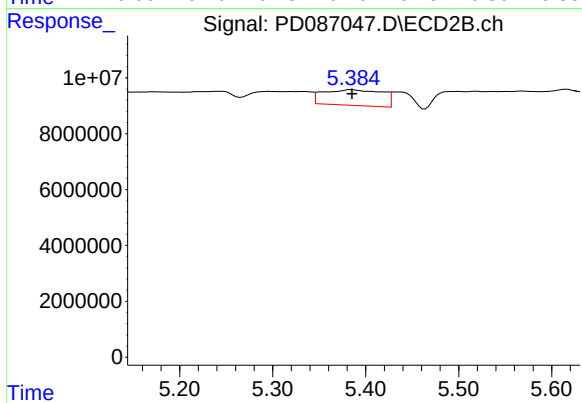
#11 alpha-Chlordane

R.T.: 5.175 min
Delta R.T.: -0.025 min
Response: 5027873
Conc: 0.33 ng/ml



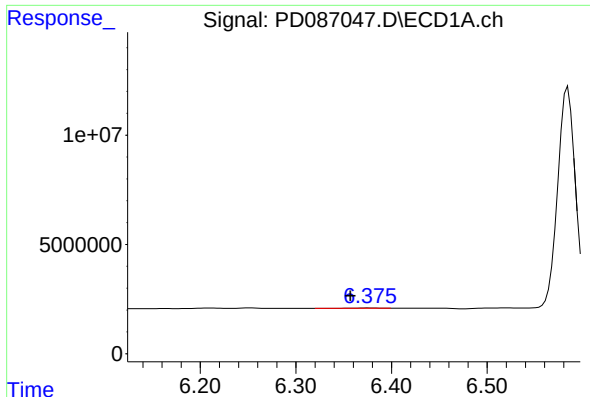
#12 4,4'-DDE

R.T.: 6.209 min
Delta R.T.: 0.004 min
Response: 317303
Conc: 0.10 ng/ml



#12 4,4'-DDE

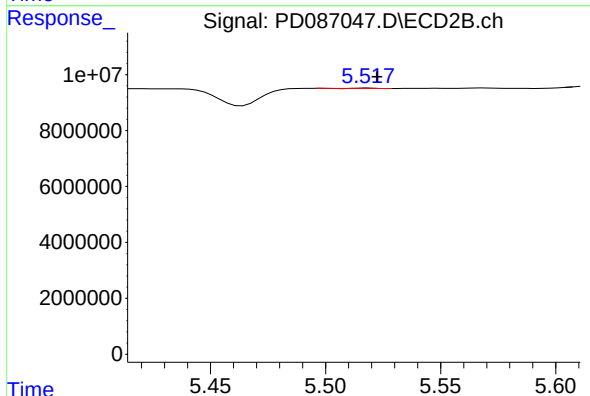
R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 24771667
Conc: 1.64 ng/ml



#13 Dieldrin

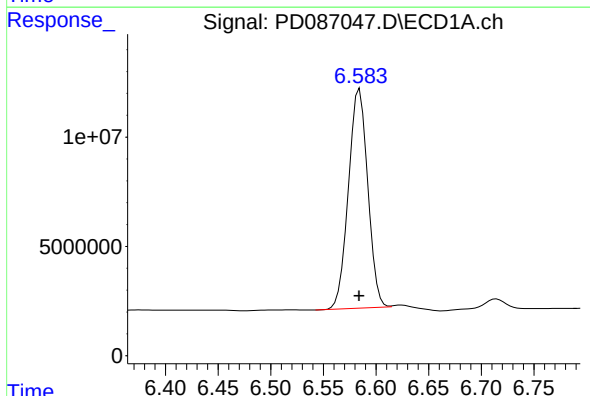
R.T.: 6.376 min
Delta R.T.: 0.019 min
Response: 201858
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



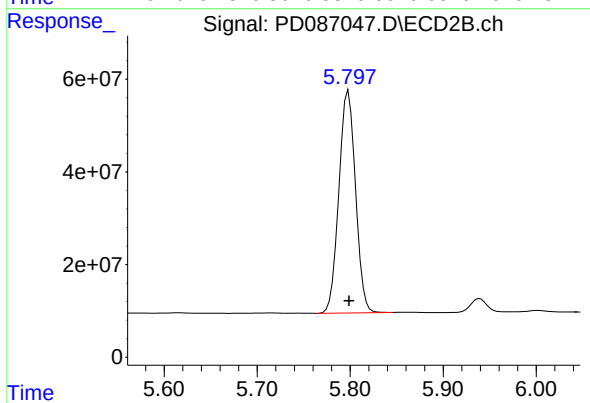
#13 Dieldrin

R.T.: 5.518 min
Delta R.T.: -0.004 min
Response: 68549
Conc: 0.00 ng/ml



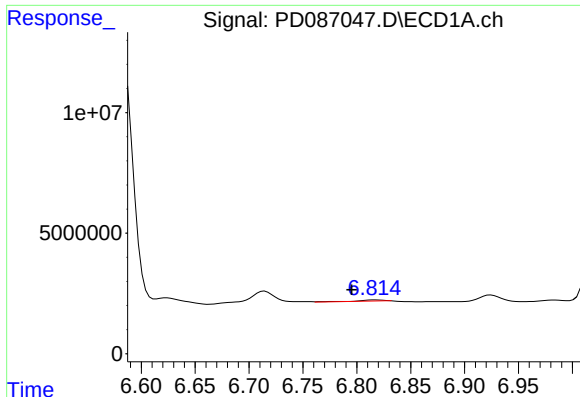
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 128427237
Conc: 42.44 ng/ml



#14 Endrin

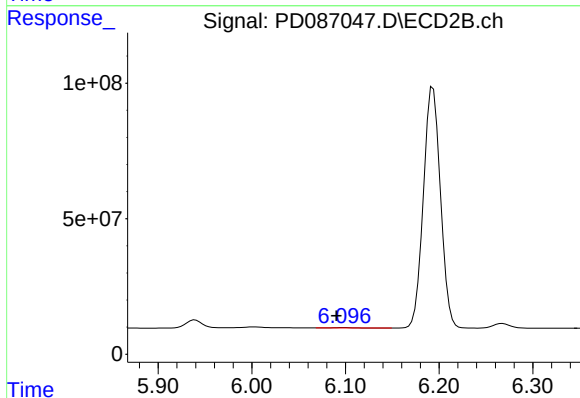
R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 596356253
Conc: 42.63 ng/ml



#15 Endosulfan II

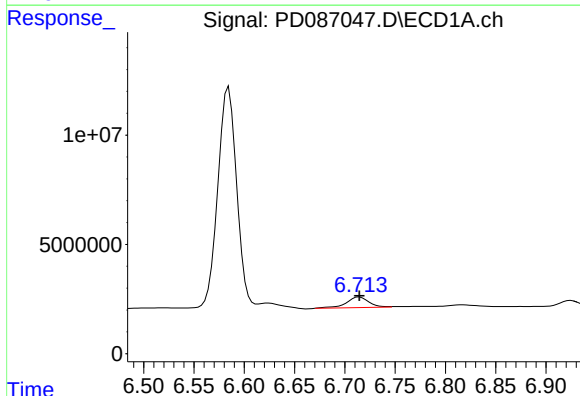
R.T.: 6.817 min
Delta R.T.: 0.021 min
Response: 830488
Conc: 0.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



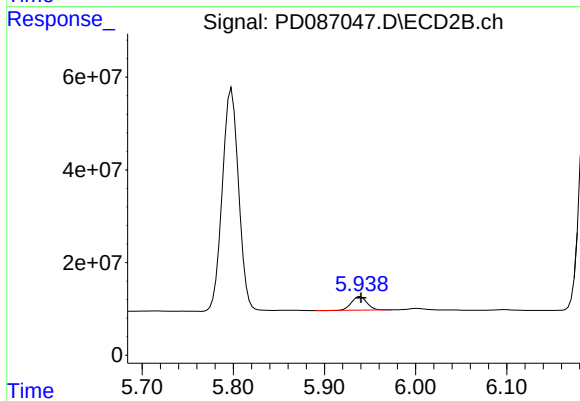
#15 Endosulfan II

R.T.: 6.097 min
Delta R.T.: 0.007 min
Response: 1922695
Conc: 0.14 ng/ml



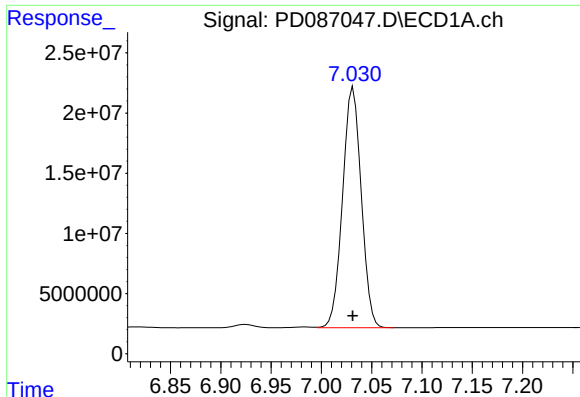
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 7649357
Conc: 2.94 ng/ml



#16 4,4'-DDD

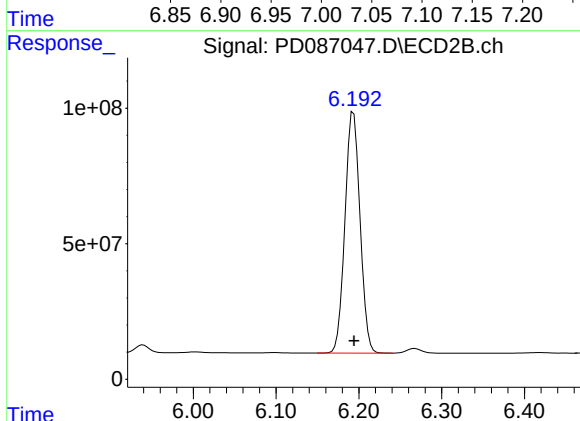
R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 34479246
Conc: 2.74 ng/ml



#17 4,4'-DDT

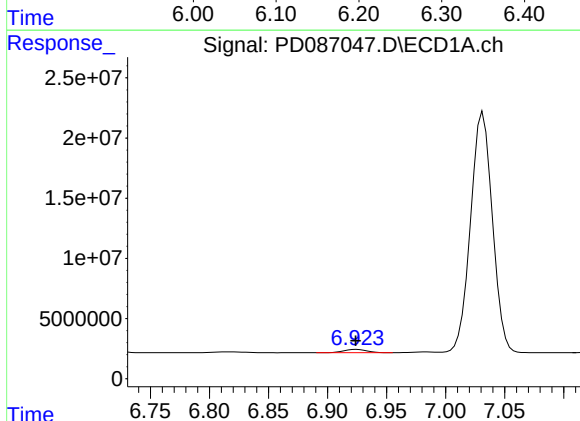
R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 257640094
Conc: 91.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



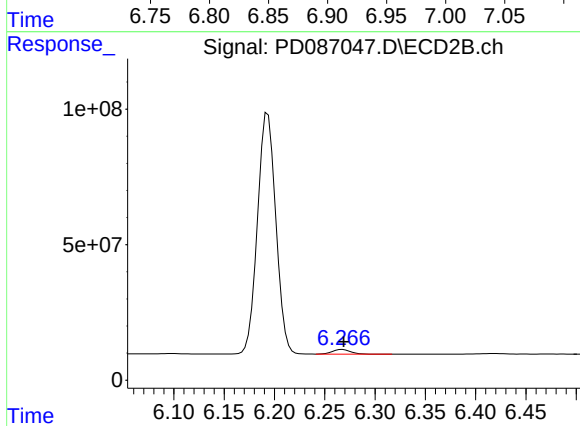
#17 4,4'-DDT

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 1127473918
Conc: 84.56 ng/ml



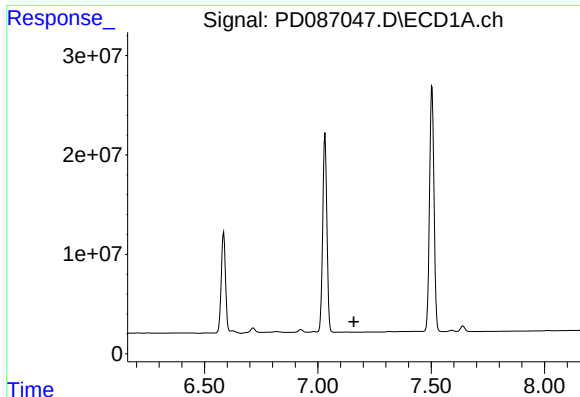
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 3701671
Conc: 1.51 ng/ml



#18 Endrin aldehyde

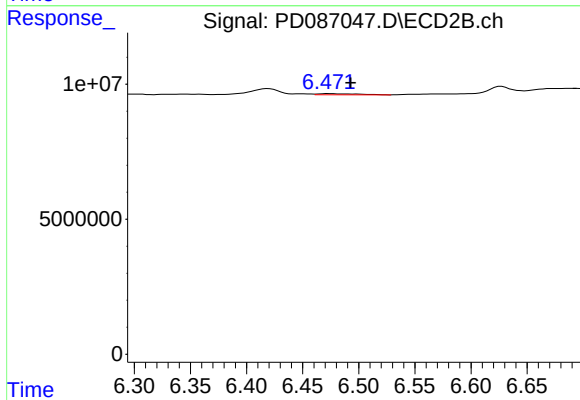
R.T.: 6.268 min
Delta R.T.: -0.001 min
Response: 21359571
Conc: 1.93 ng/ml



#19 Endosulfan Sulfate

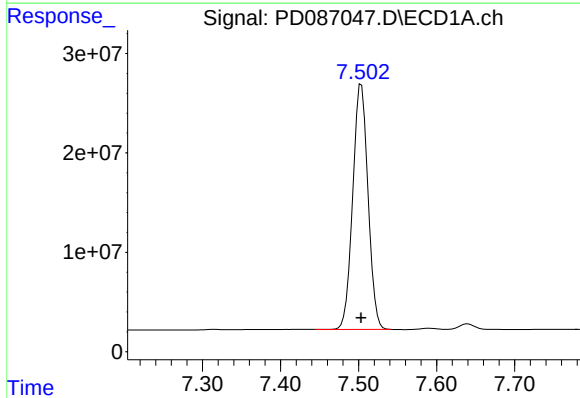
R.T.: 0.000 min
Exp R.T.: 7.158 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



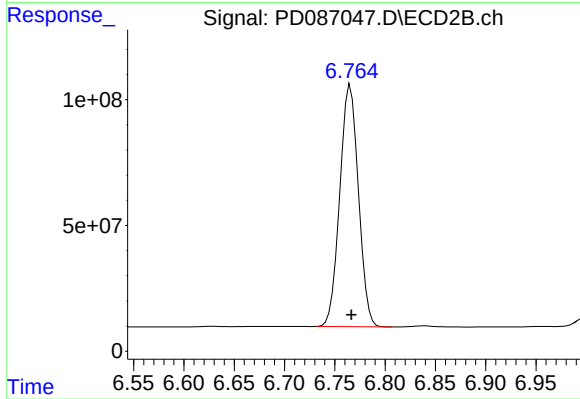
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: -0.020 min
Response: 1019067
Conc: 0.08 ng/ml



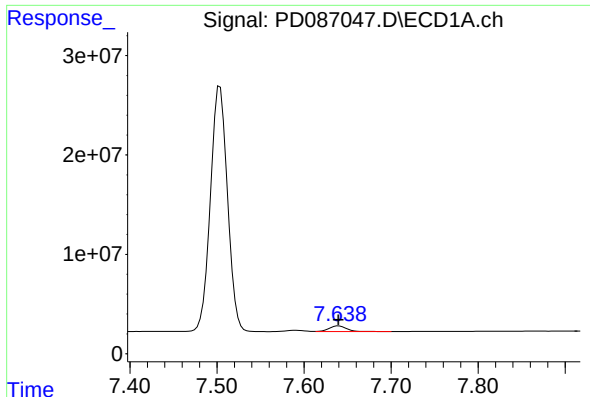
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 336389526
Conc: 210.34 ng/ml



#20 Methoxychlor

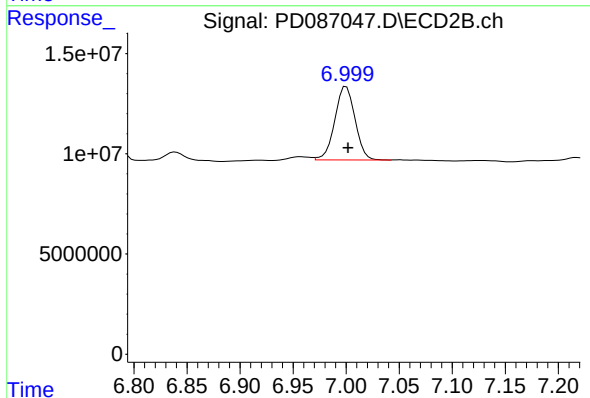
R.T.: 6.766 min
Delta R.T.: -0.001 min
Response: 1237384174
Conc: 172.50 ng/ml



#21 Endrin ketone

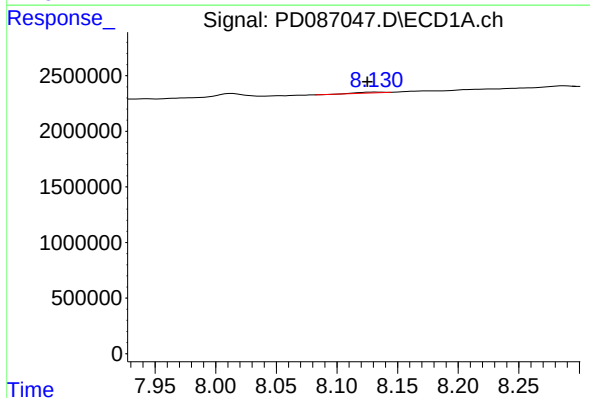
R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 7680014
Conc: 2.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



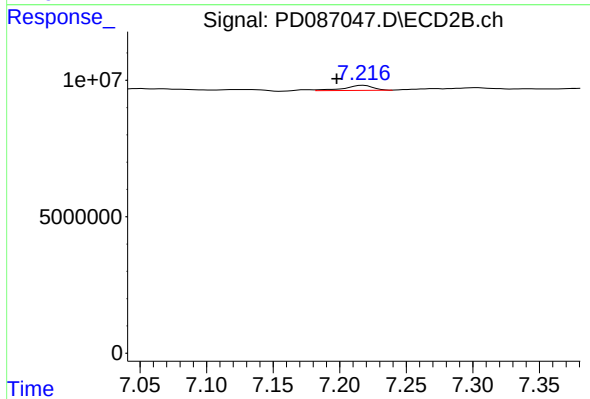
#21 Endrin ketone

R.T.: 7.000 min
Delta R.T.: -0.002 min
Response: 48597779
Conc: 3.22 ng/ml



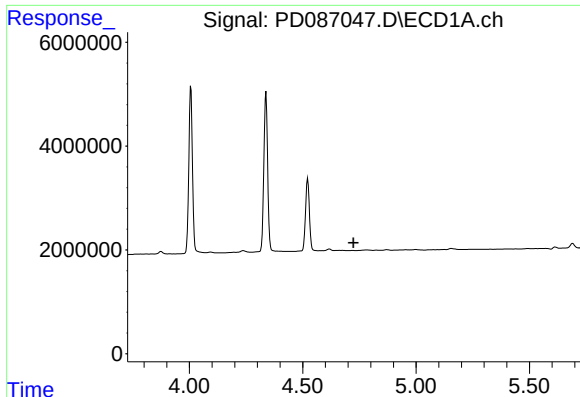
#22 Mirex

R.T.: 8.132 min
Delta R.T.: 0.007 min
Response: 97071
Conc: 0.04 ng/ml



#22 Mirex

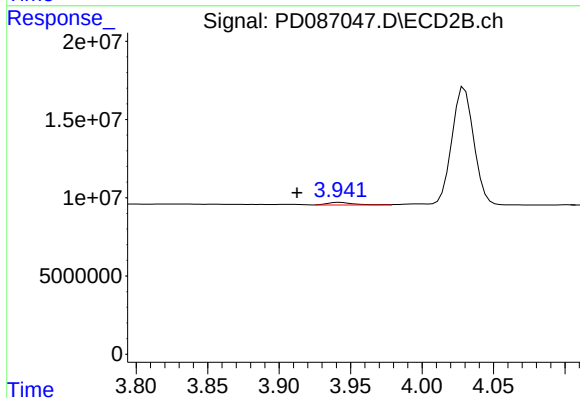
R.T.: 7.218 min
Delta R.T.: 0.020 min
Response: 2728099
Conc: 0.22 ng/ml



#23 Chlordane-1

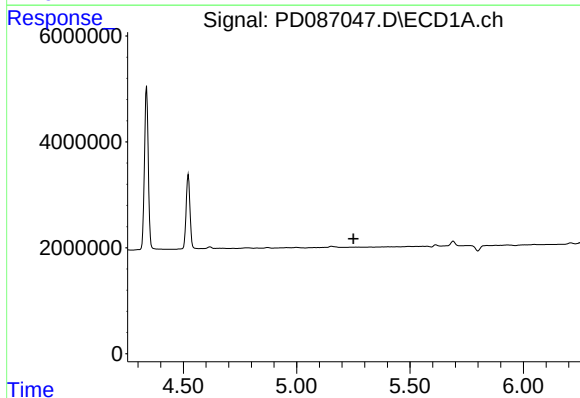
R.T.: 0.000 min
Exp R.T.: 4.725 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



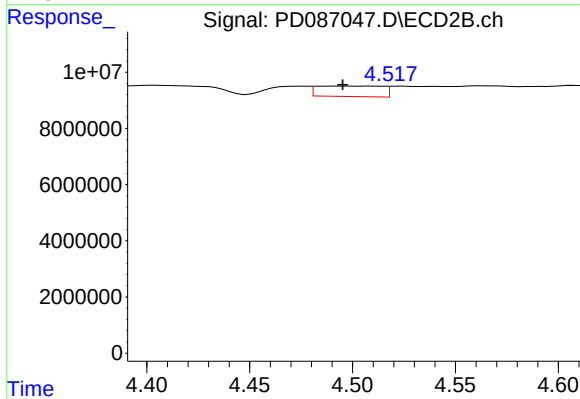
#23 Chlordane-1

R.T.: 3.942 min
Delta R.T.: 0.030 min
Response: 2144002
Conc: 4.12 ng/ml



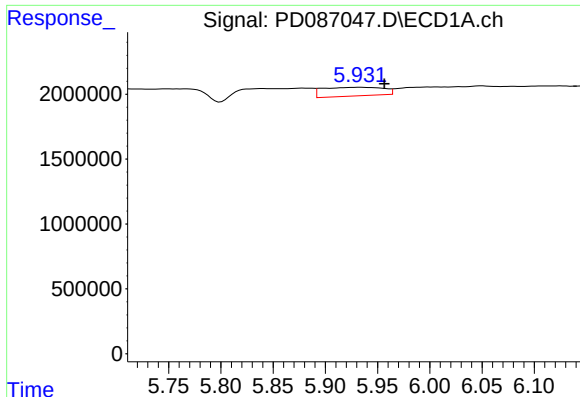
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.251 min
Response: 0
Conc: N.D.



#24 Chlordane-2

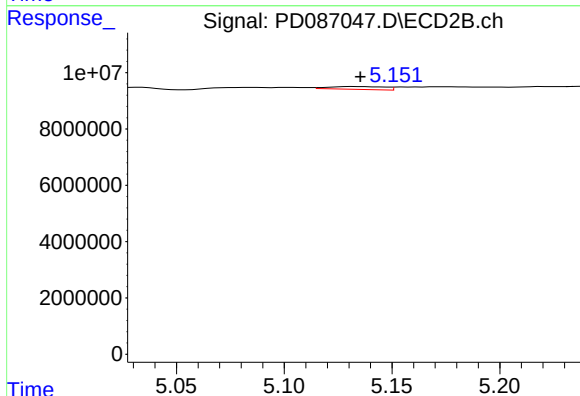
R.T.: 4.490 min
Delta R.T.: -0.005 min
Response: 8209672
Conc: 14.73 ng/ml



#25 Chlordane-3

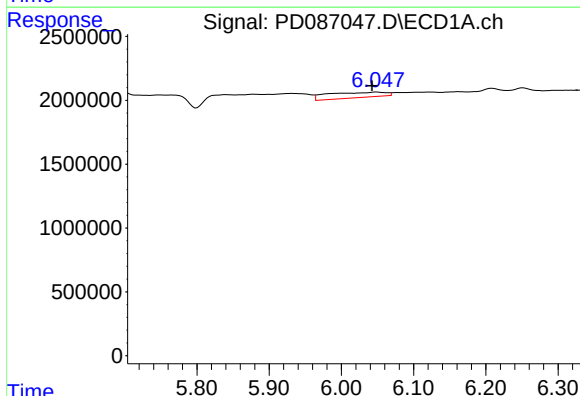
R.T.: 5.933 min
Delta R.T.: -0.024 min
Response: 2709768
Conc: 4.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



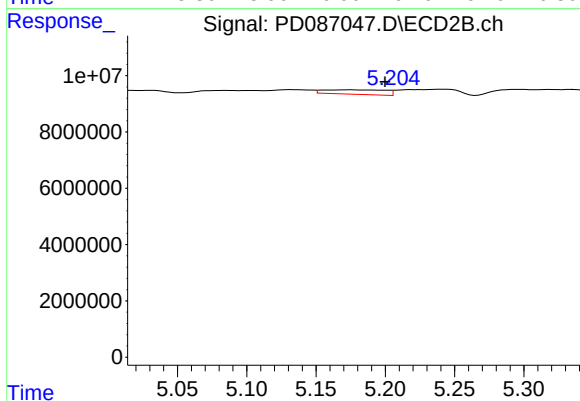
#25 Chlordane-3

R.T.: 5.132 min
Delta R.T.: -0.003 min
Response: 1797241
Conc: 1.09 ng/ml



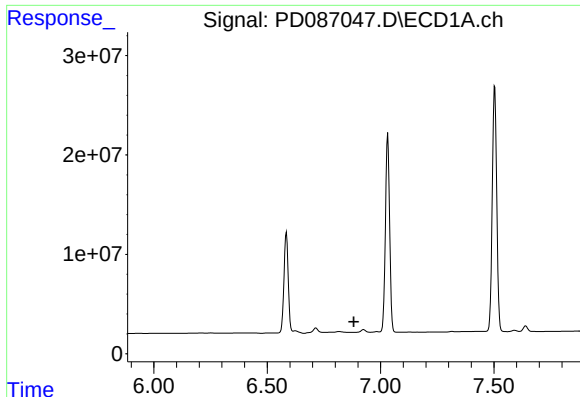
#26 Chlordane-4

R.T.: 6.049 min
Delta R.T.: 0.006 min
Response: 2344641
Conc: 3.55 ng/ml



#26 Chlordane-4

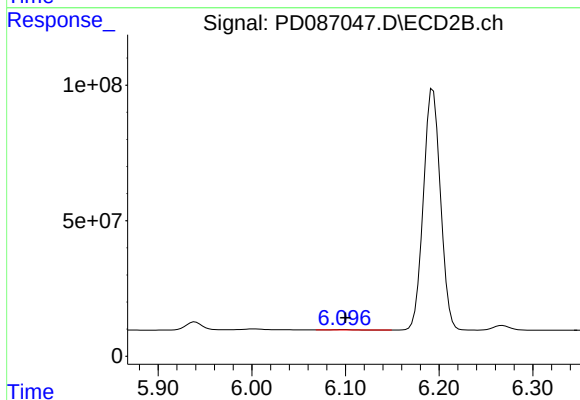
R.T.: 5.175 min
Delta R.T.: -0.025 min
Response: 5027873
Conc: 3.59 ng/ml



#27 Chlordane-5

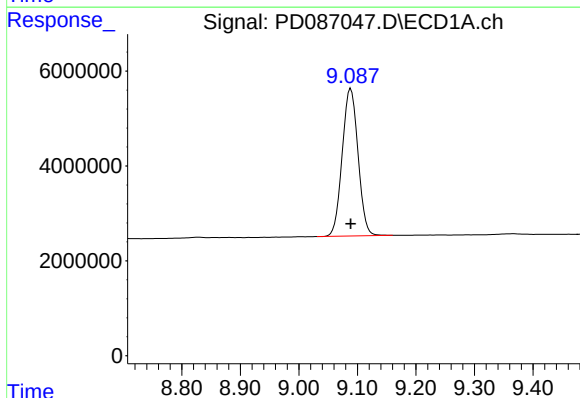
R.T.: 0.000 min
Exp R.T.: 6.882 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



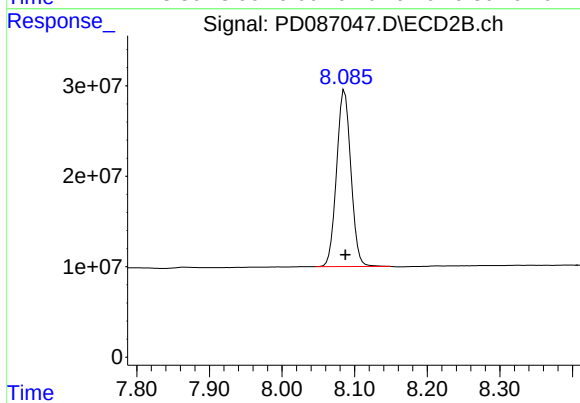
#27 Chlordane-5

R.T.: 6.097 min
Delta R.T.: -0.002 min
Response: 1922695
Conc: 3.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: 0.000 min
Response: 58338555
Conc: 18.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.086 min
Delta R.T.: -0.001 min
Response: 266950471
Conc: 19.16 ng/ml