

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121223\
 Data File : PL087131.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Dec 2023 23:43
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

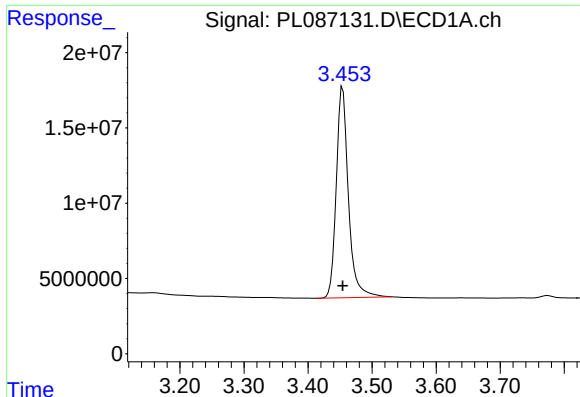
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 03:25:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121223.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 17:22:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.454	2.702	184.3E6	49458600	50.521	50.077
28)	SA Decachlor...	9.050	7.901	164.1E6	51602183	54.214	50.375
Target Compounds							
2)	A alpha-BHC	3.913	3.210	268.3E6	68083055	51.067	51.556
3)	MA gamma-BHC...	4.248	3.541	248.5E6	66752945	50.586	50.982
4)	MA Heptachlor	4.843	3.885	246.8E6	62129977	48.697	47.853
5)	MB Aldrin	5.187	4.166	240.8E6	60185381	50.232	49.053
6)	B beta-BHC	4.449	3.843	104.2E6	29665768	49.596	49.725
7)	B delta-BHC	4.696	4.073	237.0E6	65814897	51.813	51.288
8)	B Heptachlo...	5.620	4.674	220.0E6	56331849	51.899	48.817
9)	A Endosulfan I	6.008	5.045	206.1E6	57393638	51.081	47.212
10)	B gamma-Chl...	5.880	4.928	224.0E6	60526084	52.206	49.457
11)	B alpha-Chl...	5.960	4.992	220.8E6	61177612	51.626	48.627
12)	B 4,4'-DDE	6.145	5.191	176.1E6	53843933	53.782	51.800
13)	MA Dieldrin	6.288	5.313	207.3E6	57477871	50.868	49.395
14)	MA Endrin	6.519	5.589	165.5E6	49645536	49.691	48.557
15)	B Endosulfa...	6.742	5.887	177.2E6	48874563	48.915	49.933
16)	A 4,4'-DDD	6.669	5.750	141.5E6	42972983	58.141	51.824
17)	MA 4,4'-DDT	6.988	6.003	150.5E6	43395366	53.257	49.465
18)	B Endrin al...	6.875	6.069	125.8E6	36003500	53.455	45.185
19)	B Endosulfa...	7.113	6.294	177.1E6	47395014	53.882	50.728
20)	A Methoxychlor	7.480	6.590	77529392	24714506	53.015	45.329
21)	B Endrin ke...	7.600	6.800	177.0E6	53582786	54.564	49.856
22)	Mirex	8.079	6.983	150.2E6	45241878	51.036	48.142
24)	Chlordane-2	5.187f	4.303	240.8E6	73907	1516.184	1.737 #
25)	Chlordane-3	5.880	4.928	224.0E6	60526084	368.802	504.485 #
26)	Chlordane-4	5.960	4.992	220.8E6	61177612	293.090	459.400 #
27)	Chlordane-5	0.000	5.664	0	35652	N.D.	1.118 #

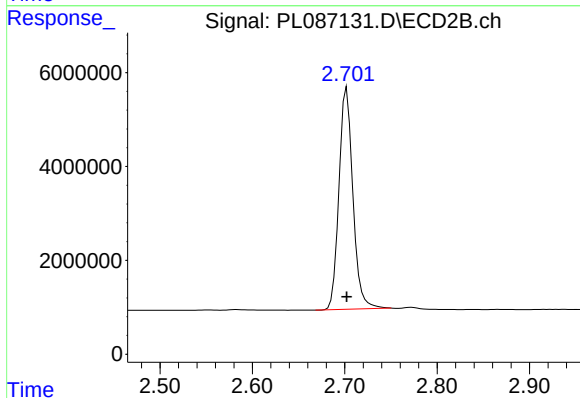
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

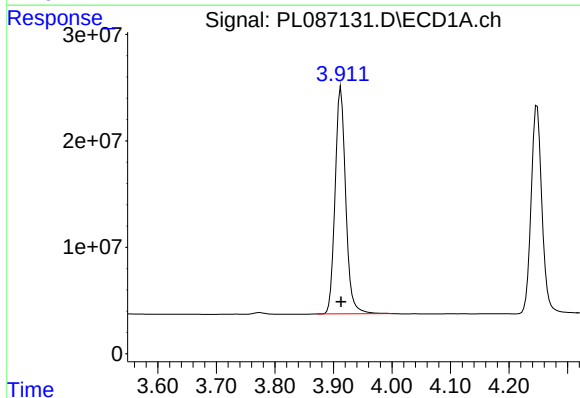
R.T.: 3.454 min
Delta R.T.: 0.000 min
Response: 184329904
Conc: 50.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



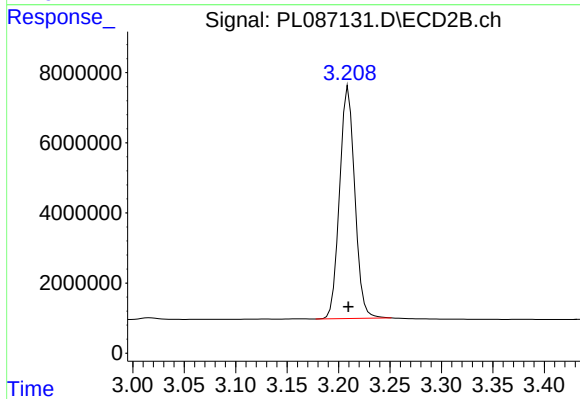
#1 Tetrachloro-m-xylene

R.T.: 2.702 min
Delta R.T.: 0.000 min
Response: 49458600
Conc: 50.08 ng/ml



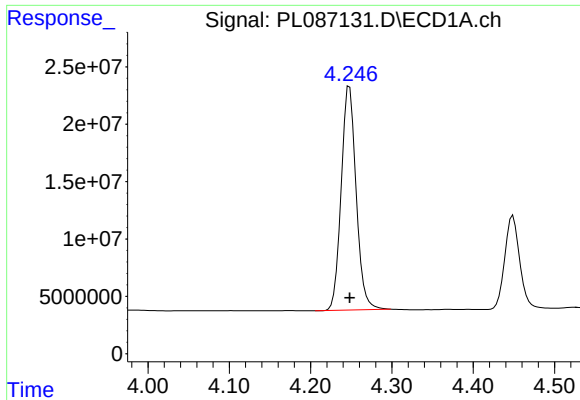
#2 alpha-BHC

R.T.: 3.913 min
Delta R.T.: 0.000 min
Response: 268262782
Conc: 51.07 ng/ml



#2 alpha-BHC

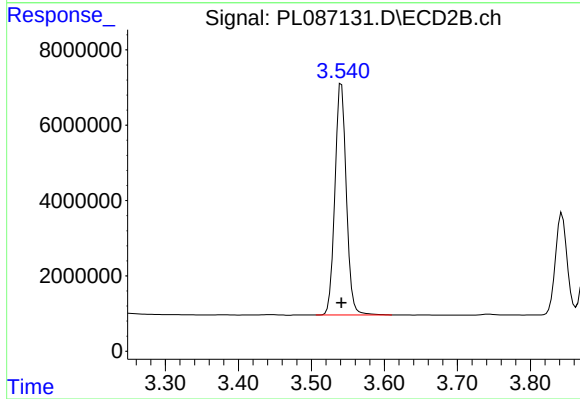
R.T.: 3.210 min
Delta R.T.: 0.000 min
Response: 68083055
Conc: 51.56 ng/ml



#3 gamma-BHC (Lindane)

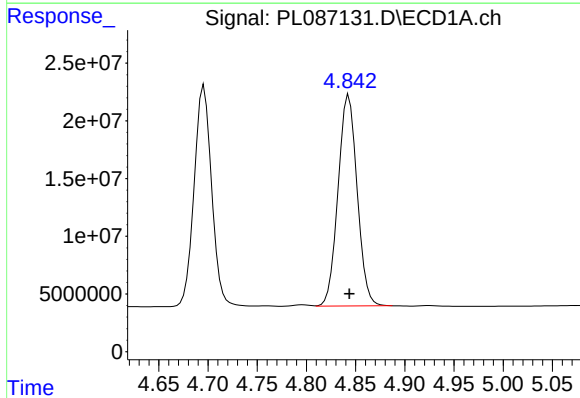
R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 248455594
Conc: 50.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



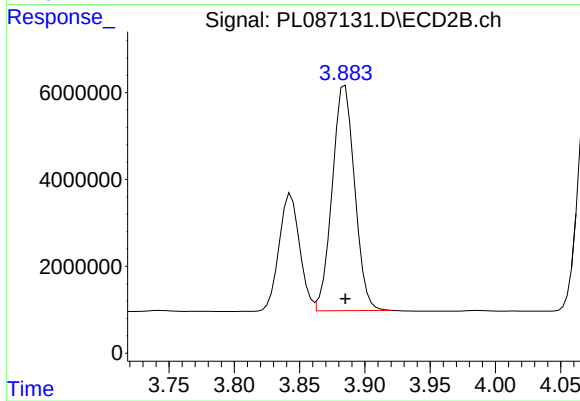
#3 gamma-BHC (Lindane)

R.T.: 3.541 min
Delta R.T.: 0.000 min
Response: 66752945
Conc: 50.98 ng/ml



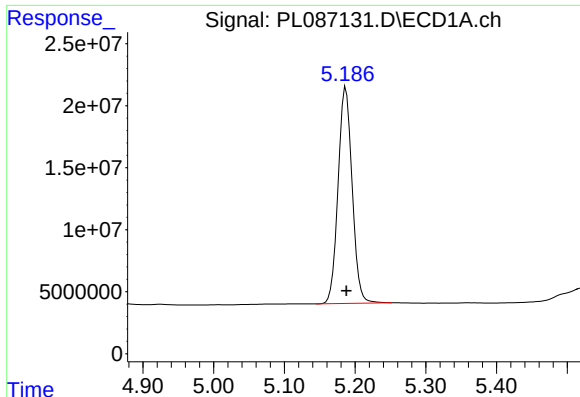
#4 Heptachlor

R.T.: 4.843 min
Delta R.T.: 0.000 min
Response: 246844932
Conc: 48.70 ng/ml



#4 Heptachlor

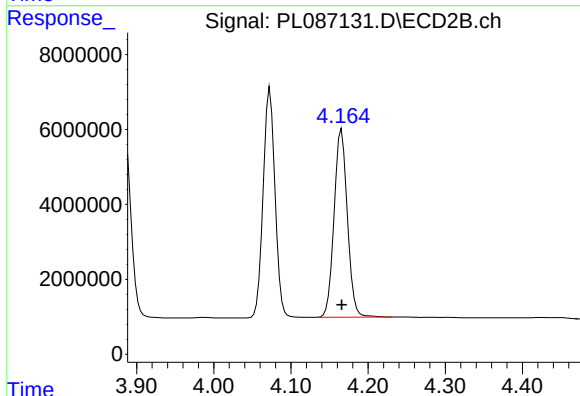
R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 62129977
Conc: 47.85 ng/ml



#5 Aldrin

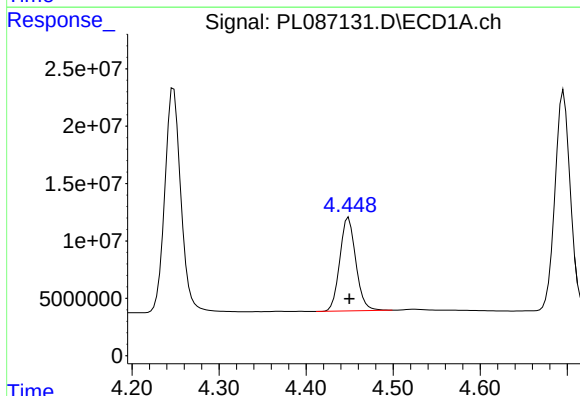
R.T.: 5.187 min
Delta R.T.: 0.000 min
Response: 240828432
Conc: 50.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



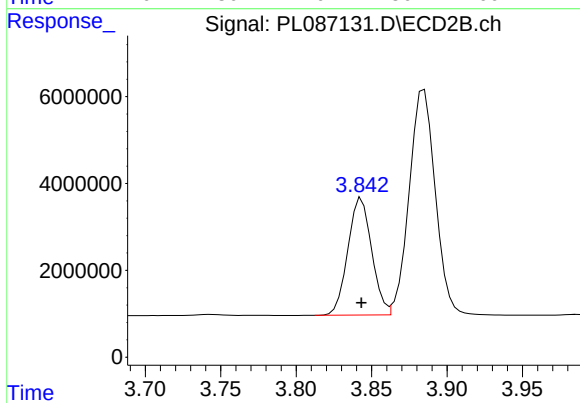
#5 Aldrin

R.T.: 4.166 min
Delta R.T.: 0.000 min
Response: 60185381
Conc: 49.05 ng/ml



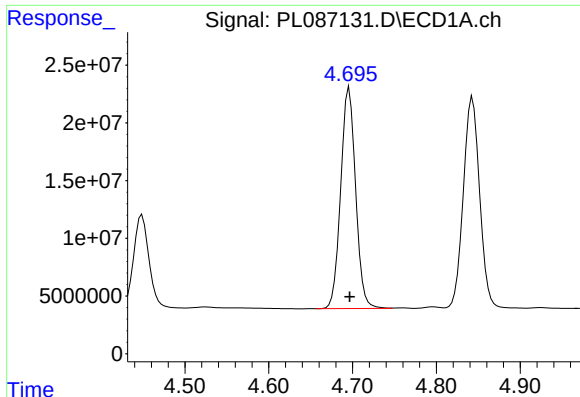
#6 beta-BHC

R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 104198943
Conc: 49.60 ng/ml



#6 beta-BHC

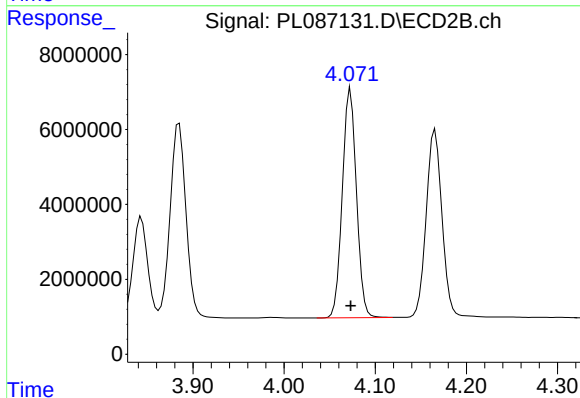
R.T.: 3.843 min
Delta R.T.: 0.000 min
Response: 29665768
Conc: 49.73 ng/ml



#7 delta-BHC

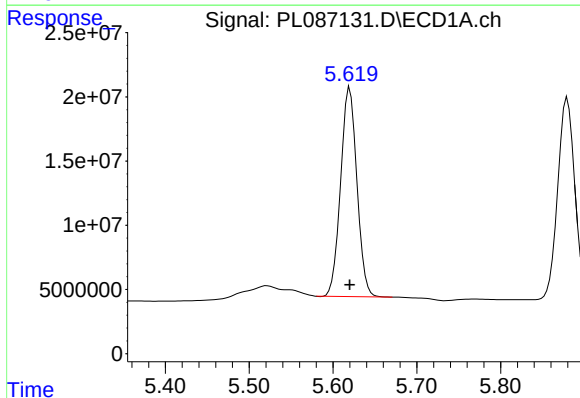
R.T.: 4.696 min
Delta R.T.: 0.000 min
Response: 237020664
Conc: 51.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



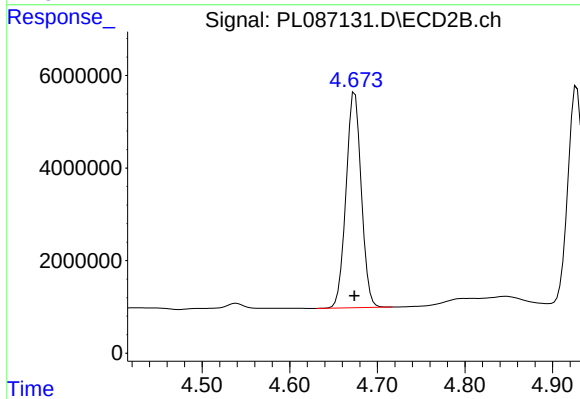
#7 delta-BHC

R.T.: 4.073 min
Delta R.T.: 0.000 min
Response: 65814897
Conc: 51.29 ng/ml



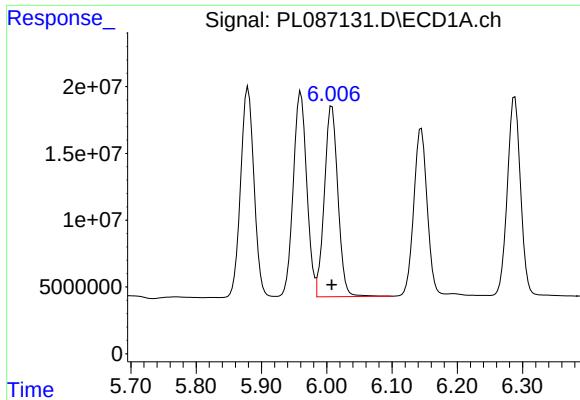
#8 Heptachlor epoxide

R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 219976837
Conc: 51.90 ng/ml



#8 Heptachlor epoxide

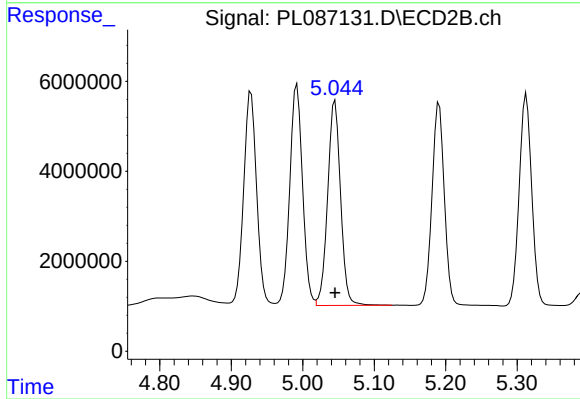
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 56331849
Conc: 48.82 ng/ml



#9 Endosulfan I

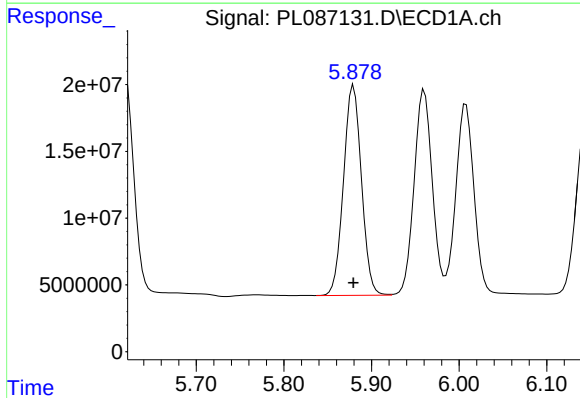
R.T.: 6.008 min
Delta R.T.: 0.000 min
Response: 206102203
Conc: 51.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



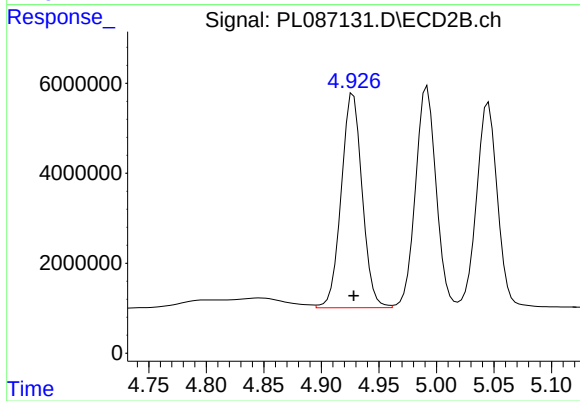
#9 Endosulfan I

R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 57393638
Conc: 47.21 ng/ml



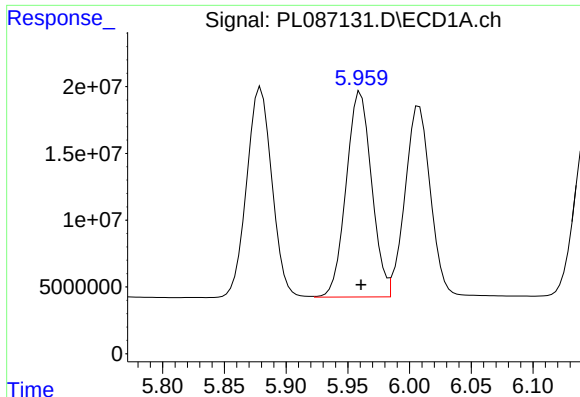
#10 gamma-Chlordane

R.T.: 5.880 min
Delta R.T.: 0.000 min
Response: 223994350
Conc: 52.21 ng/ml



#10 gamma-Chlordane

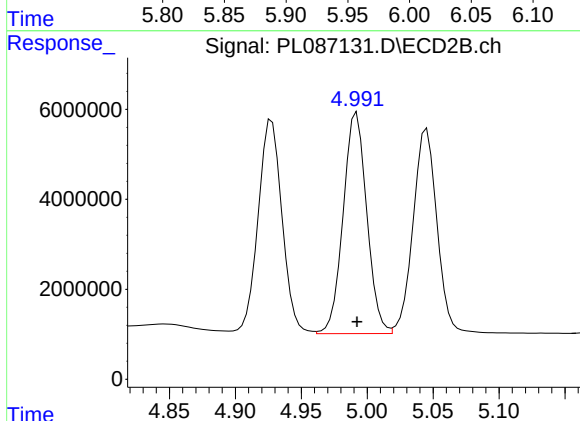
R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 60526084
Conc: 49.46 ng/ml



#11 alpha-Chlordane

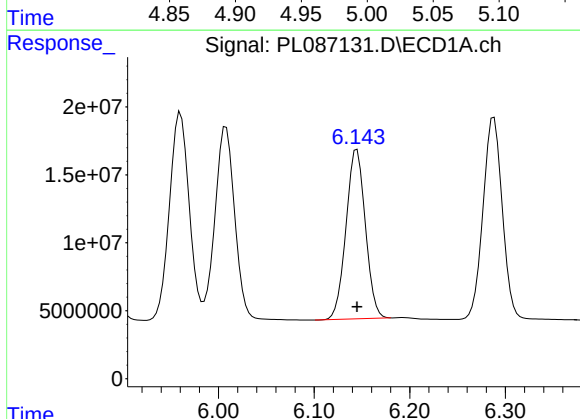
R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 220791970
Conc: 51.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



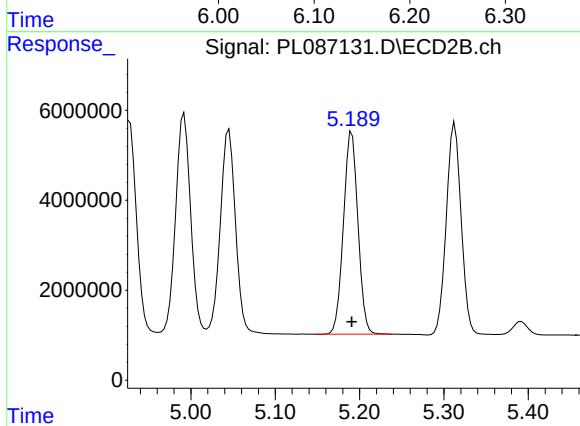
#11 alpha-Chlordane

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 61177612
Conc: 48.63 ng/ml



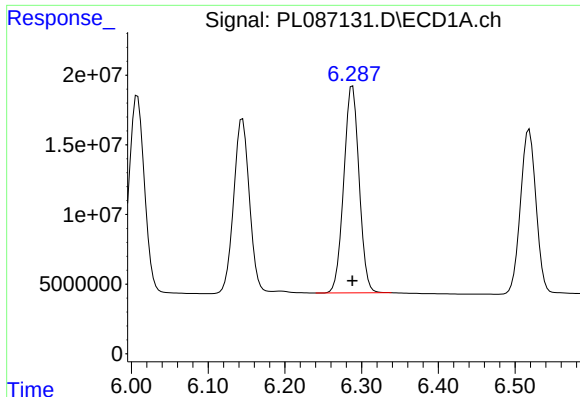
#12 4,4'-DDE

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 176052779
Conc: 53.78 ng/ml



#12 4,4'-DDE

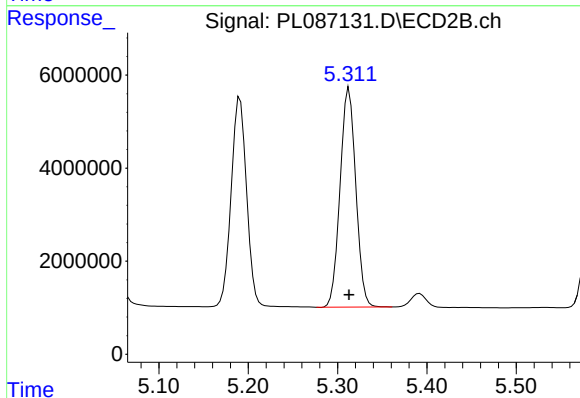
R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 53843933
Conc: 51.80 ng/ml



#13 Dieldrin

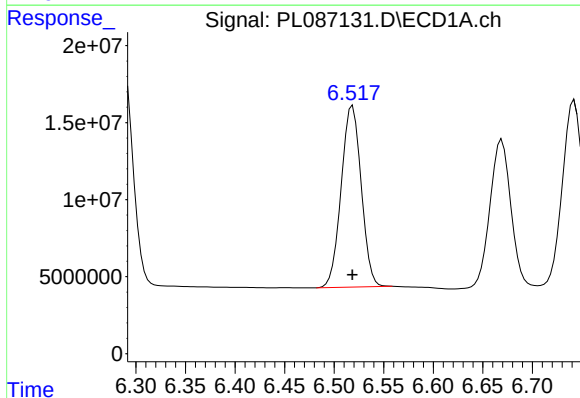
R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 207310390
Conc: 50.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



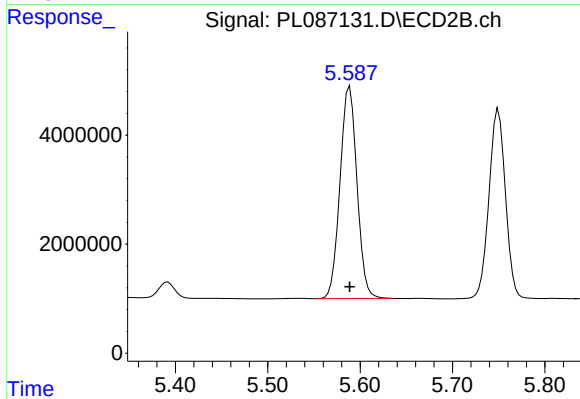
#13 Dieldrin

R.T.: 5.313 min
Delta R.T.: 0.000 min
Response: 57477871
Conc: 49.40 ng/ml



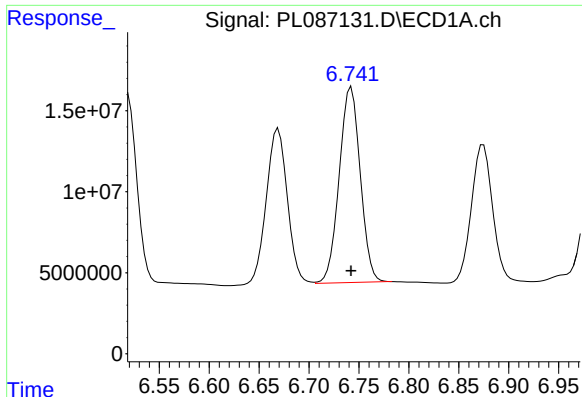
#14 Endrin

R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 165527510
Conc: 49.69 ng/ml



#14 Endrin

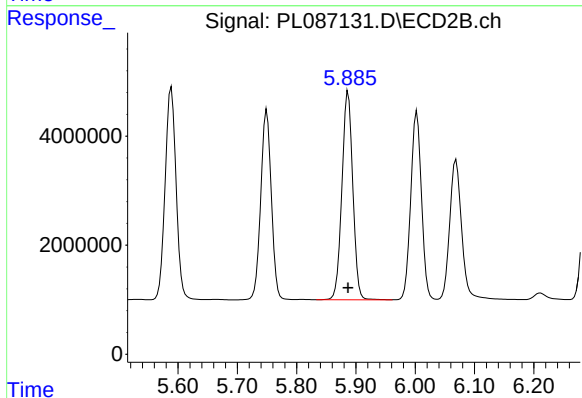
R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 49645536
Conc: 48.56 ng/ml



#15 Endosulfan II

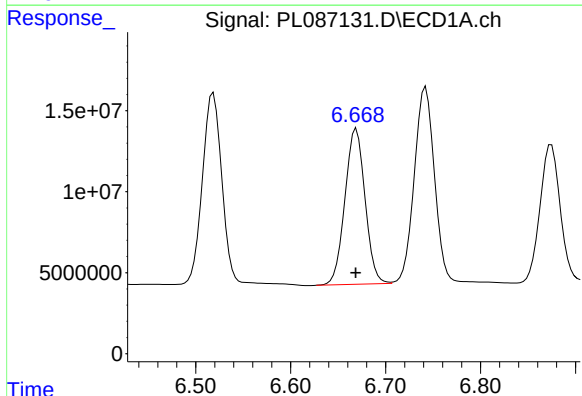
R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 177238609
Conc: 48.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



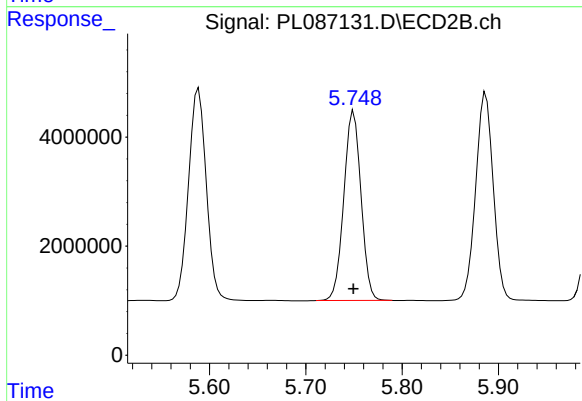
#15 Endosulfan II

R.T.: 5.887 min
Delta R.T.: 0.000 min
Response: 48874563
Conc: 49.93 ng/ml



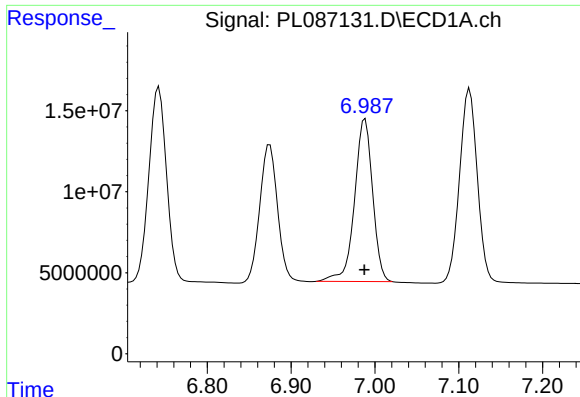
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 141482884
Conc: 58.14 ng/ml



#16 4,4'-DDD

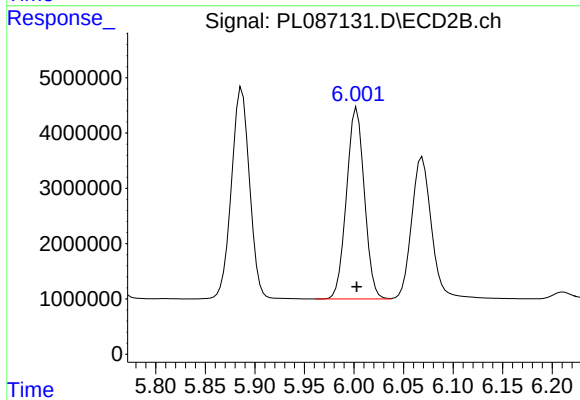
R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 42972983
Conc: 51.82 ng/ml



#17 4,4'-DDT

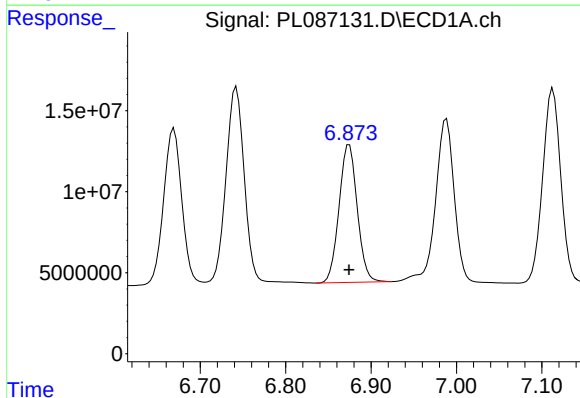
R.T.: 6.988 min
Delta R.T.: 0.000 min
Response: 150468561
Conc: 53.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



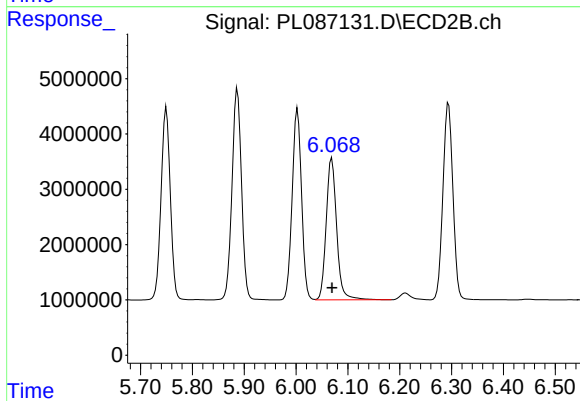
#17 4,4'-DDT

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 43395366
Conc: 49.47 ng/ml



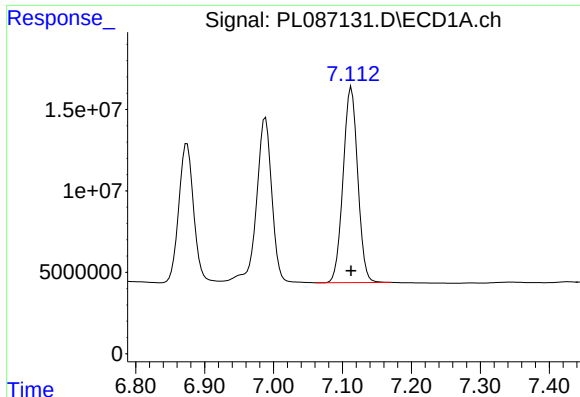
#18 Endrin aldehyde

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 125830007
Conc: 53.46 ng/ml



#18 Endrin aldehyde

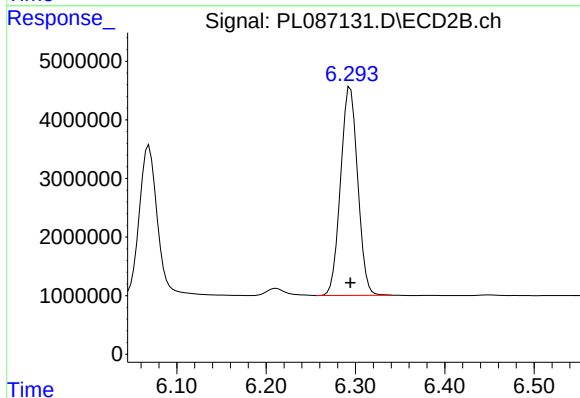
R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 36003500
Conc: 45.19 ng/ml



#19 Endosulfan Sulfate

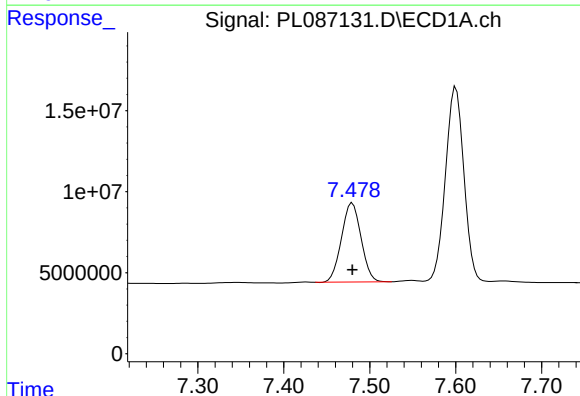
R.T.: 7.113 min
Delta R.T.: 0.000 min
Response: 177134917
Conc: 53.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



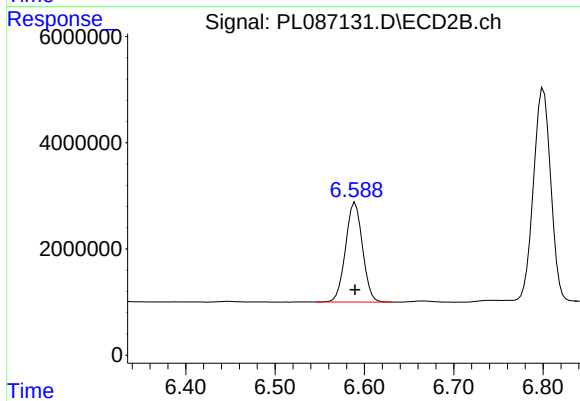
#19 Endosulfan Sulfate

R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 47395014
Conc: 50.73 ng/ml



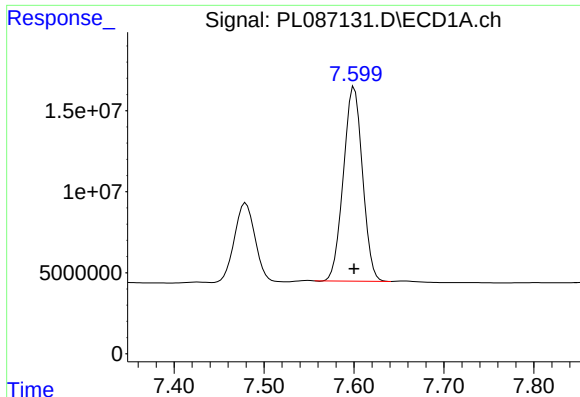
#20 Methoxychlor

R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 77529392
Conc: 53.01 ng/ml



#20 Methoxychlor

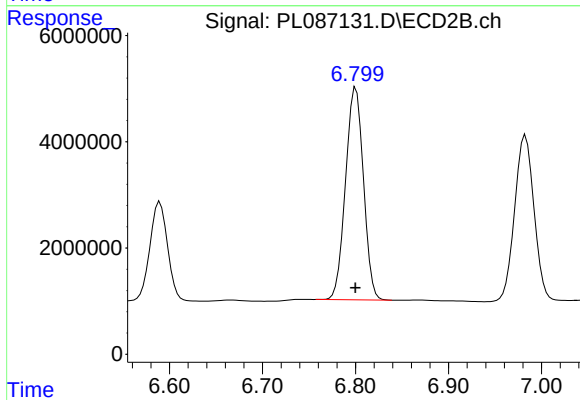
R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 24714506
Conc: 45.33 ng/ml



#21 Endrin ketone

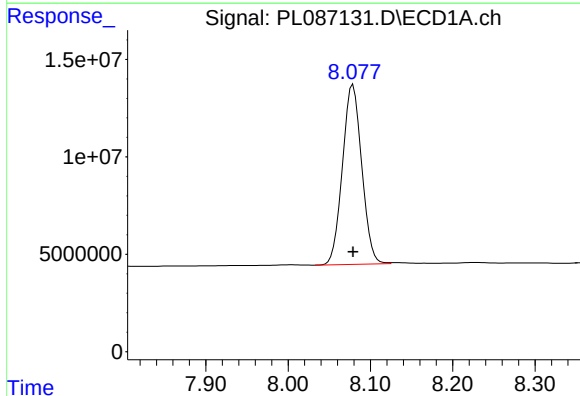
R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 177029556
Conc: 54.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



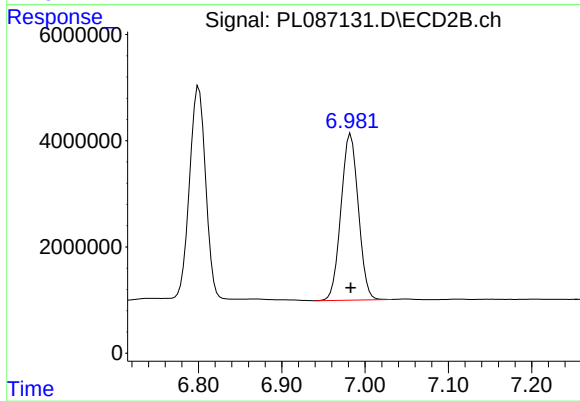
#21 Endrin ketone

R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 53582786
Conc: 49.86 ng/ml



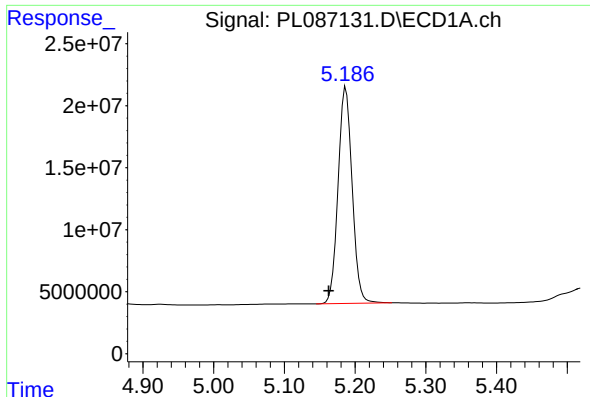
#22 Mirex

R.T.: 8.079 min
Delta R.T.: 0.000 min
Response: 150202438
Conc: 51.04 ng/ml



#22 Mirex

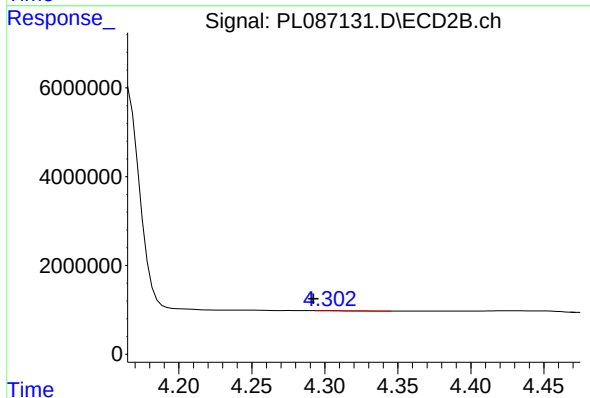
R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 45241878
Conc: 48.14 ng/ml



#24 Chlordane-2

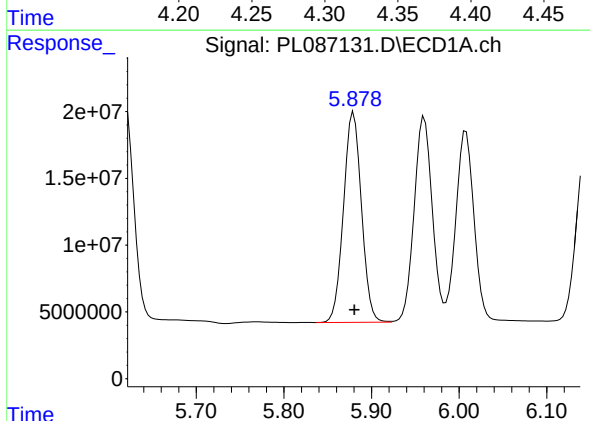
R.T.: 5.187 min
Delta R.T.: 0.024 min
Response: 240828432
Conc: 1516.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



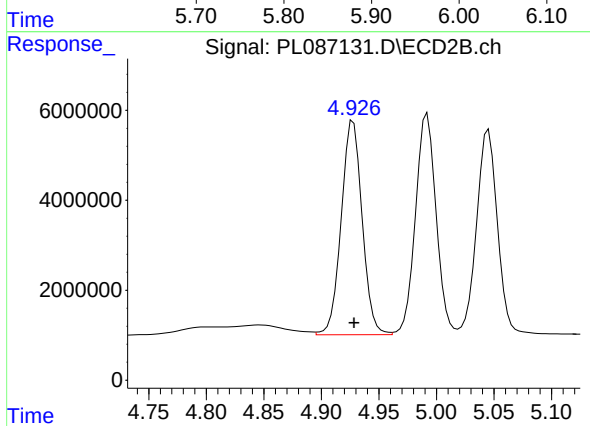
#24 Chlordane-2

R.T.: 4.303 min
Delta R.T.: 0.010 min
Response: 73907
Conc: 1.74 ng/ml



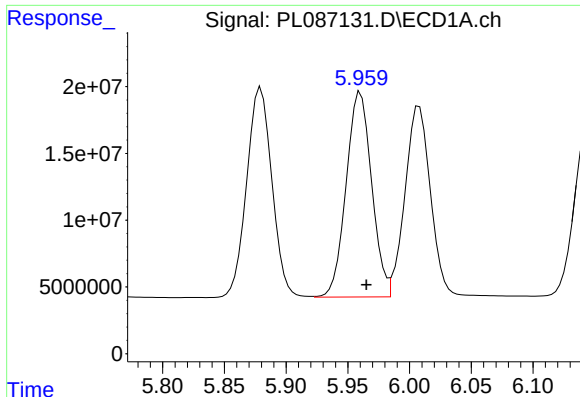
#25 Chlordane-3

R.T.: 5.880 min
Delta R.T.: -0.001 min
Response: 223994350
Conc: 368.80 ng/ml



#25 Chlordane-3

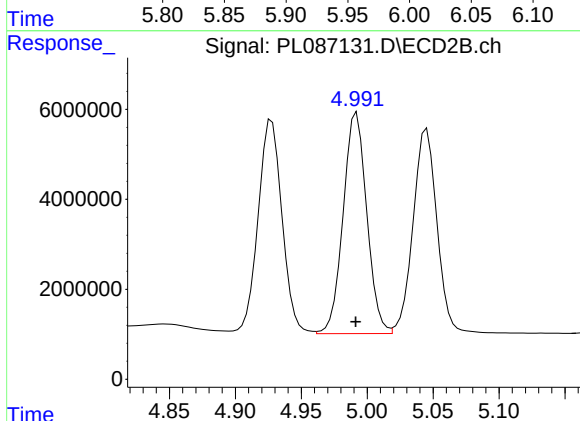
R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 60526084
Conc: 504.49 ng/ml



#26 Chlordane-4

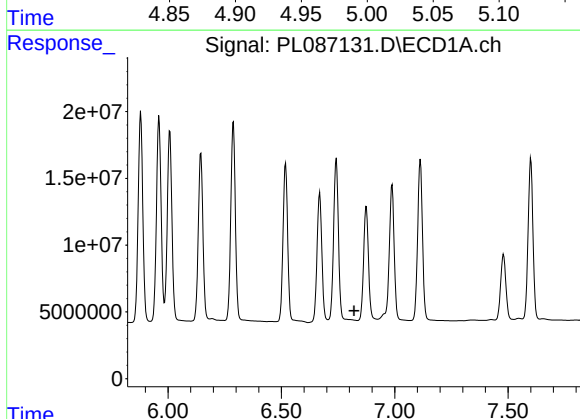
R.T.: 5.960 min
Delta R.T.: -0.005 min
Response: 220791970
Conc: 293.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



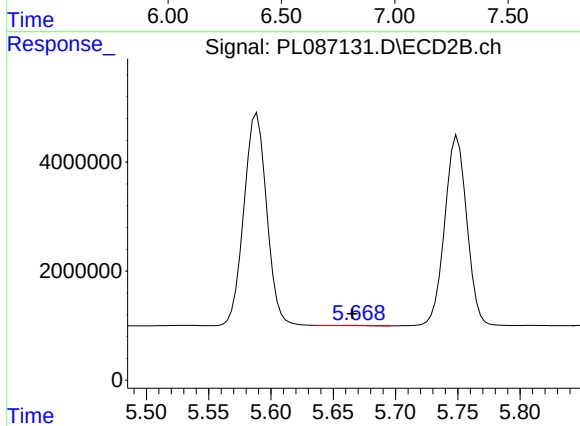
#26 Chlordane-4

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 61177612
Conc: 459.40 ng/ml



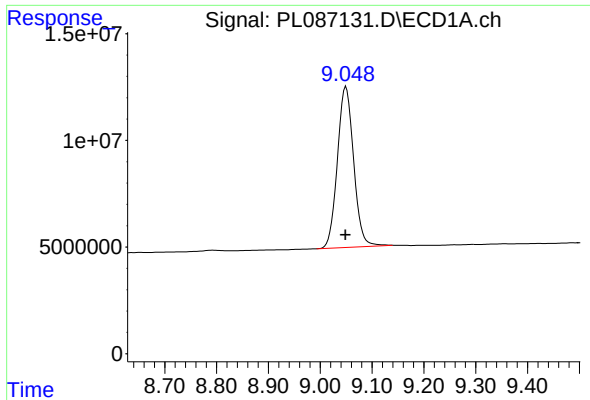
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.820 min
Response: 0
Conc: N.D.



#27 Chlordane-5

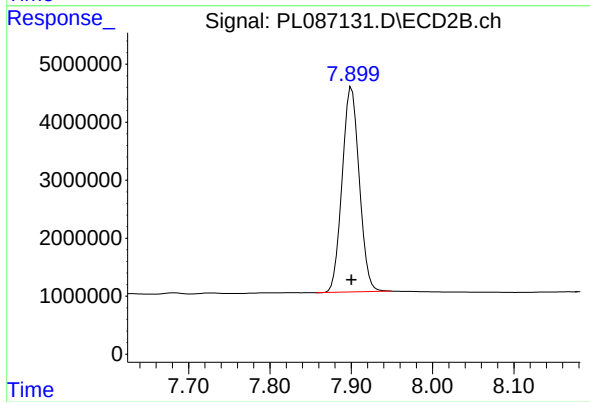
R.T.: 5.664 min
Delta R.T.: -0.001 min
Response: 35652
Conc: 1.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: 0.000 min
Response: 164096795
Conc: 54.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: 0.000 min
Response: 51602183
Conc: 50.37 ng/ml