

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040125\
 Data File : PL094986.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2025 15:33
 Operator : AR\AJ
 Sample : PB167405BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167405BS

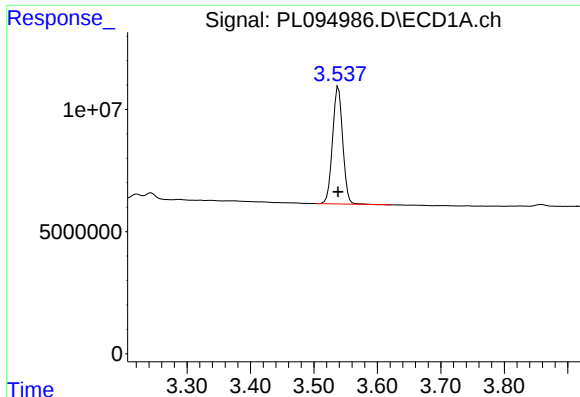
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 01:23:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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 x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.539	2.769	53572726	71181142	18.926	19.943
28)	SA Decachlor...	9.053	7.902	47523977	90260690	22.550	22.345
Target Compounds							
2)	A alpha-BHC	3.995	3.271	180.2E6	272.0E6	43.393	50.453
3)	MA gamma-BHC...	4.328	3.600	169.8E6	250.3E6	42.543	48.697
4)	MA Heptachlor	4.915	3.938	164.3E6	247.0E6	42.332	46.873
5)	MB Aldrin	5.256	4.217	158.0E6	229.0E6	42.801	46.970
6)	B beta-BHC	4.526	3.901	78362885	108.6E6	42.468	48.903
7)	B delta-BHC	4.773	4.130	179.6E6	233.0E6	46.118	46.583
8)	B Heptachlo...	5.684	4.720	147.5E6	217.2E6	44.088	47.441
9)	A Endosulfan I	6.069	5.090	139.3E6	206.1E6	45.371	46.954
10)	B gamma-Chl...	5.939	4.970	150.1E6	226.2E6	44.538	46.854
11)	B alpha-Chl...	6.018	5.033	148.9E6	224.4E6	45.161	47.012
12)	B 4,4'-DDE	6.193	5.222	146.7E6	232.5E6	49.870	50.008
13)	MA Dieldrin	6.344	5.354	147.9E6	235.1E6	46.236	48.463
14)	MA Endrin	6.574	5.629	117.3E6	203.2E6	42.301	46.570
15)	B Endosulfa...	6.794	5.924	128.9E6	210.1E6	47.492	48.531
16)	A 4,4'-DDD	6.710	5.777	116.5E6	191.4E6	53.782	53.231
17)	MA 4,4'-DDT	7.023	6.027	115.5E6	198.1E6	48.562	49.140
18)	B Endrin al...	6.924	6.104	100.4E6	163.6E6	47.541	48.598
19)	B Endosulfa...	7.158	6.327	114.5E6	204.4E6	47.065	50.184
20)	A Methoxychlor	7.500	6.602	58625423	106.6E6	48.974	50.268
21)	B Endrin ke...	7.644	6.832	131.8E6	258.6E6	49.868	54.191
22)	Mirex	8.116	7.011	95459433	190.8E6	46.199	50.273
24)	Chlordane-2	5.256f	0.000	158.0E6	0	1044.443	N.D. #
25)	Chlordane-3	5.939	4.970	150.1E6	226.2E6	300.239	425.249 #
26)	Chlordane-4	6.018	5.033	148.9E6	224.4E6	252.739	431.033 #
27)	Chlordane-5	0.000	5.924	0	210.1E6	N.D.	1094.959 #

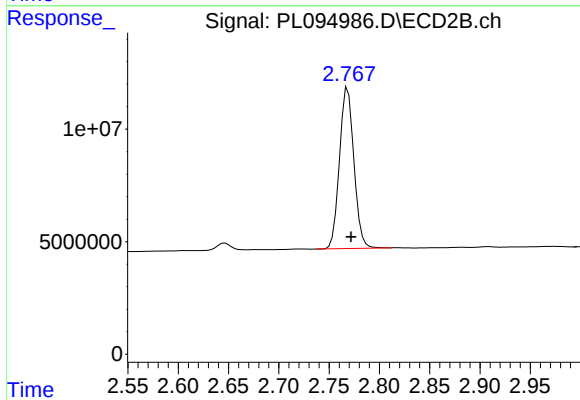
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

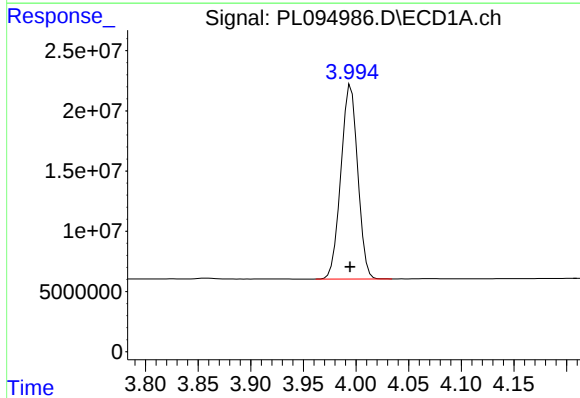
R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 53572726
Conc: 18.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167405BS



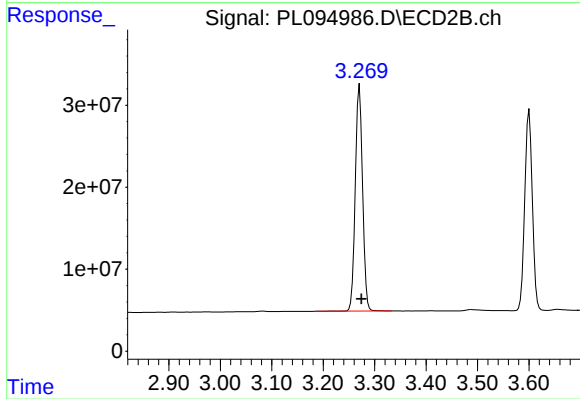
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 71181142
Conc: 19.94 ng/ml



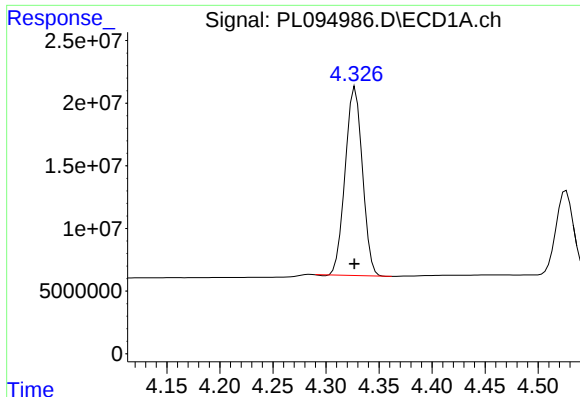
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 180184224
Conc: 43.39 ng/ml



#2 alpha-BHC

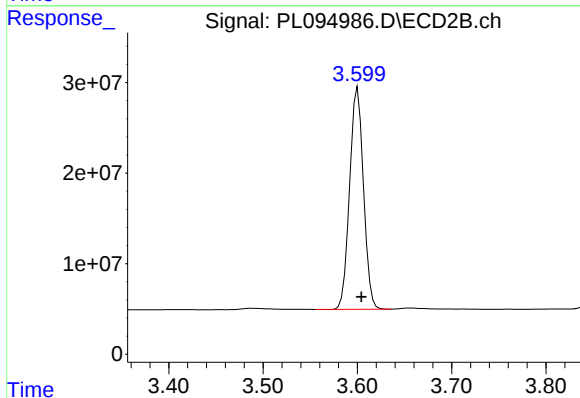
R.T.: 3.271 min
Delta R.T.: -0.004 min
Response: 272009039
Conc: 50.45 ng/ml



#3 gamma-BHC (Lindane)

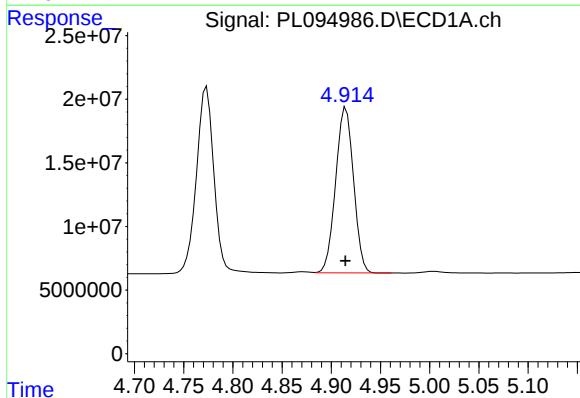
R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 169758724
Conc: 42.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167405BS



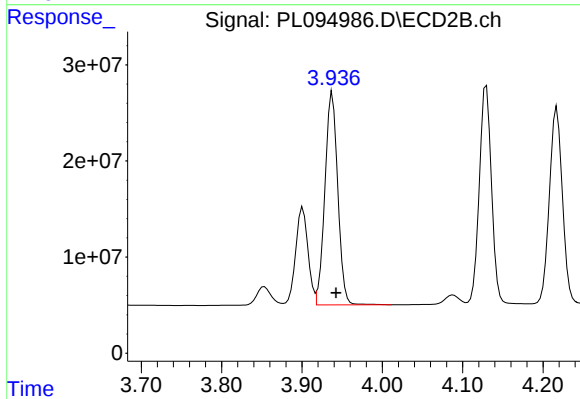
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: -0.004 min
Response: 250273667
Conc: 48.70 ng/ml



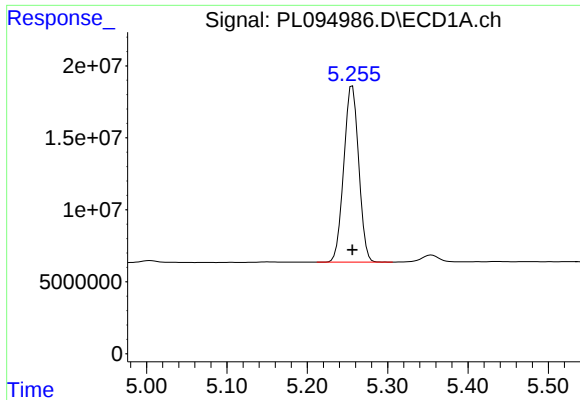
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 164316271
Conc: 42.33 ng/ml



#4 Heptachlor

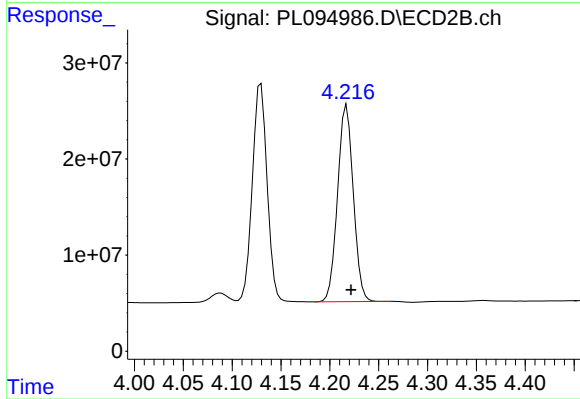
R.T.: 3.938 min
Delta R.T.: -0.005 min
Response: 246959523
Conc: 46.87 ng/ml



#5 Aldrin

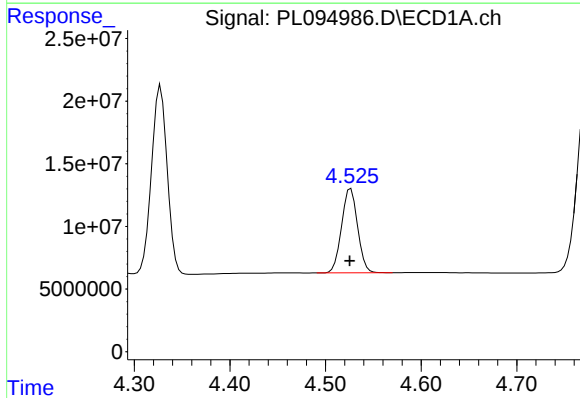
R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 158029677
Conc: 42.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167405BS



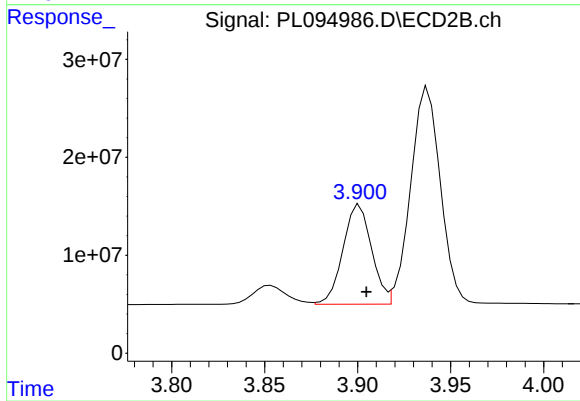
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: -0.004 min
Response: 229042310
Conc: 46.97 ng/ml



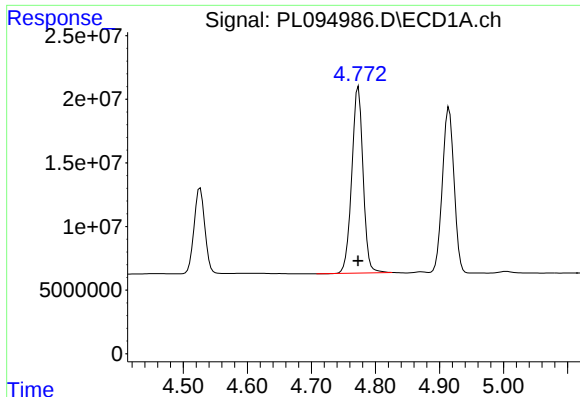
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.001 min
Response: 78362885
Conc: 42.47 ng/ml



#6 beta-BHC

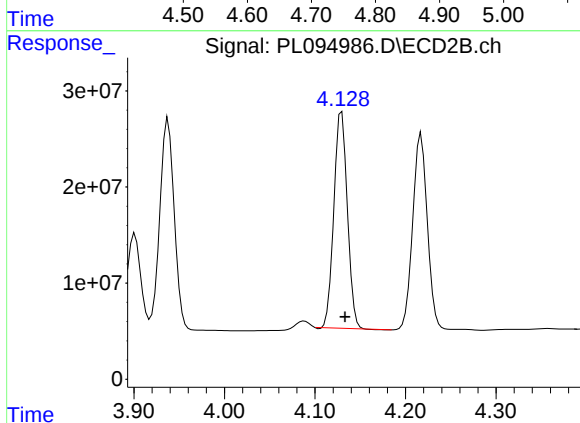
R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 108626954
Conc: 48.90 ng/ml



#7 delta-BHC

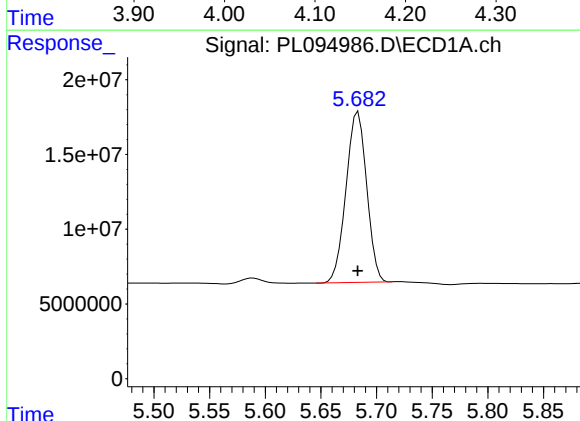
R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 179598403
Conc: 46.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167405BS



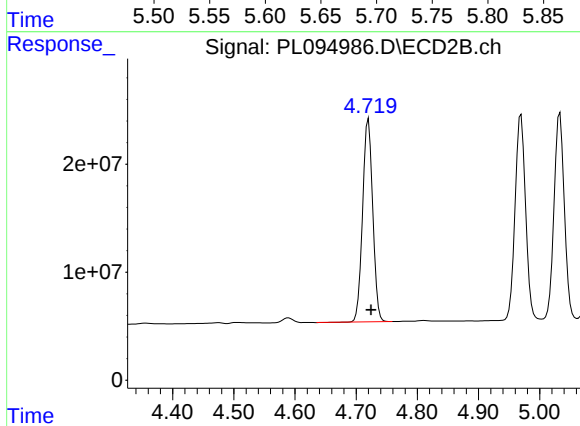
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.004 min
Response: 233006131
Conc: 46.58 ng/ml



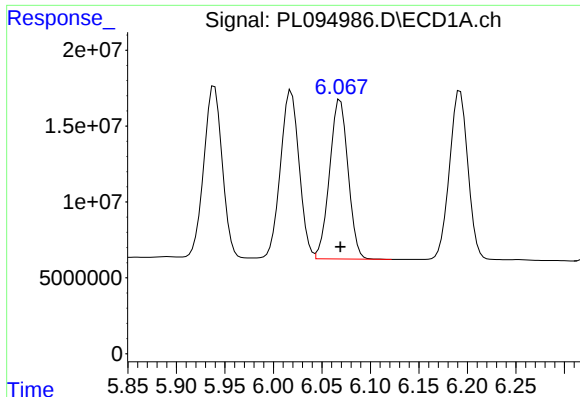
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 147483167
Conc: 44.09 ng/ml



#8 Heptachlor epoxide

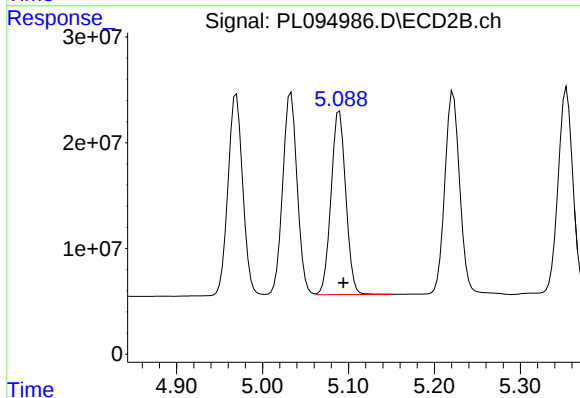
R.T.: 4.720 min
Delta R.T.: -0.004 min
Response: 217211181
Conc: 47.44 ng/ml



#9 Endosulfan I

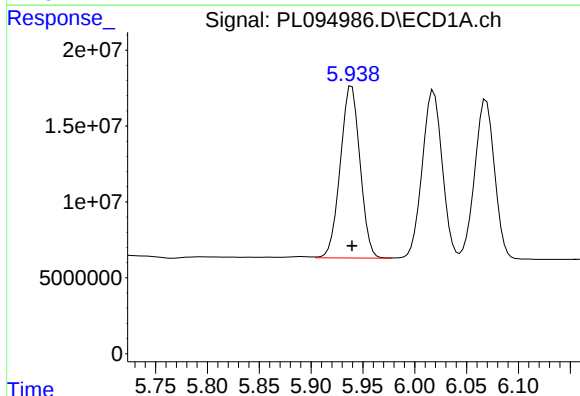
R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 139297430
Conc: 45.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167405BS



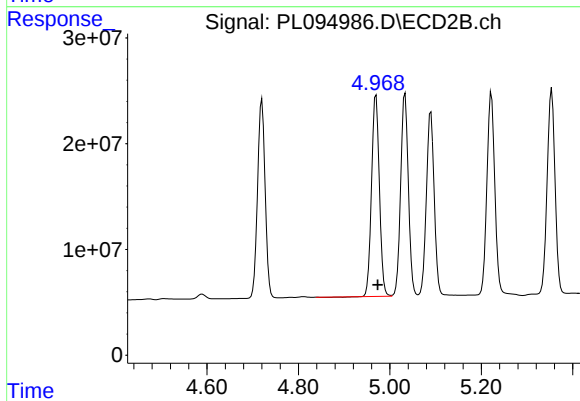
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: -0.004 min
Response: 206069685
Conc: 46.95 ng/ml



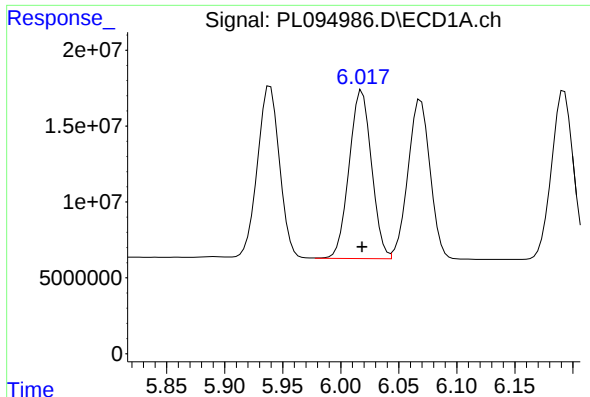
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 150065509
Conc: 44.54 ng/ml



#10 gamma-Chlordane

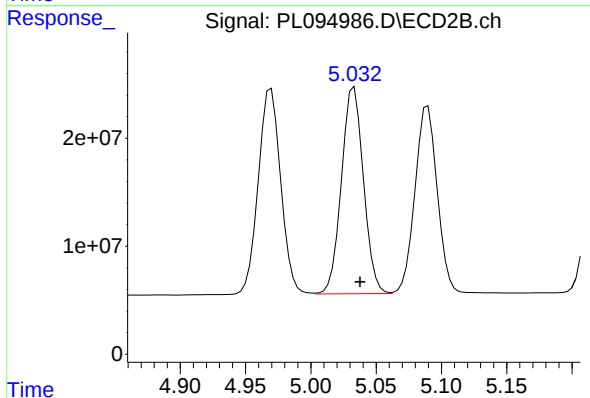
R.T.: 4.970 min
Delta R.T.: -0.004 min
Response: 226231854
Conc: 46.85 ng/ml



#11 alpha-Chlordane

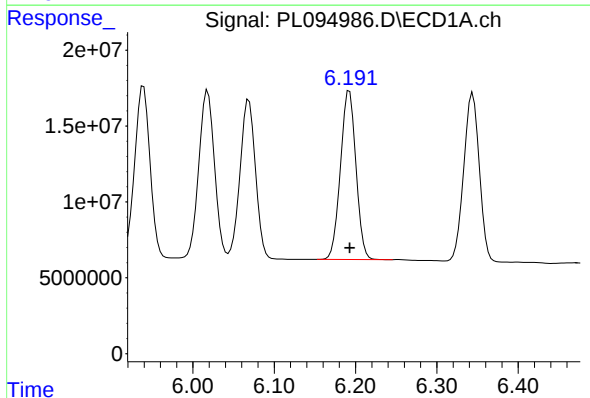
R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 148886981
Conc: 45.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167405BS



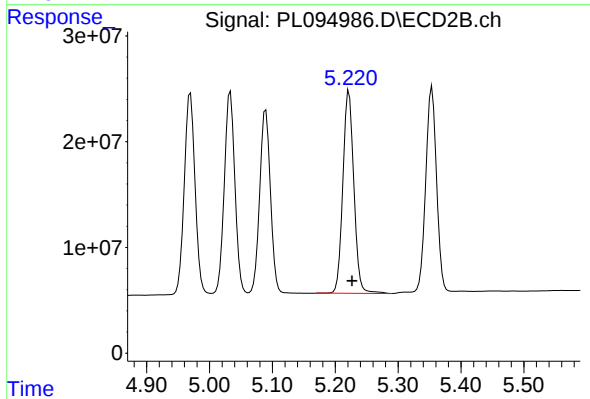
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: -0.005 min
Response: 224378441
Conc: 47.01 ng/ml



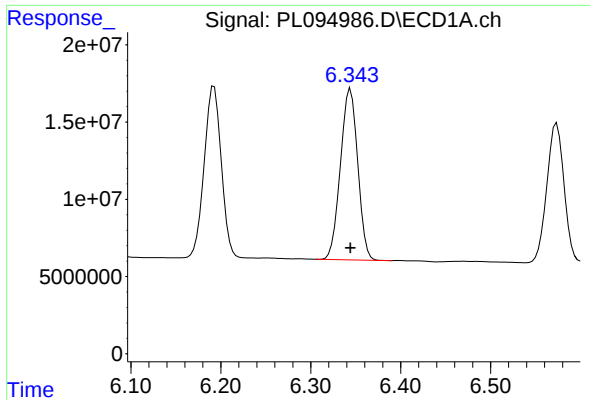
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 146720001
Conc: 49.87 ng/ml



#12 4,4'-DDE

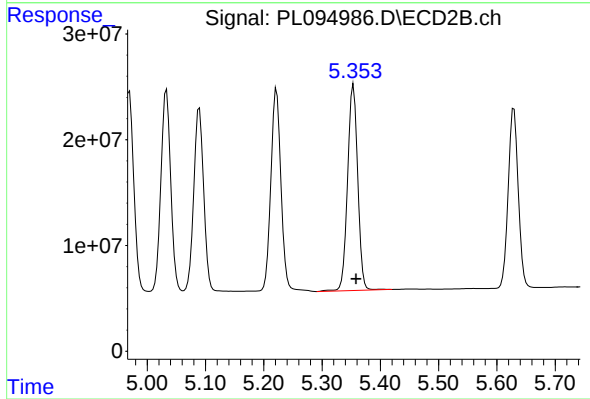
R.T.: 5.222 min
Delta R.T.: -0.005 min
Response: 232465629
Conc: 50.01 ng/ml



#13 Dieldrin

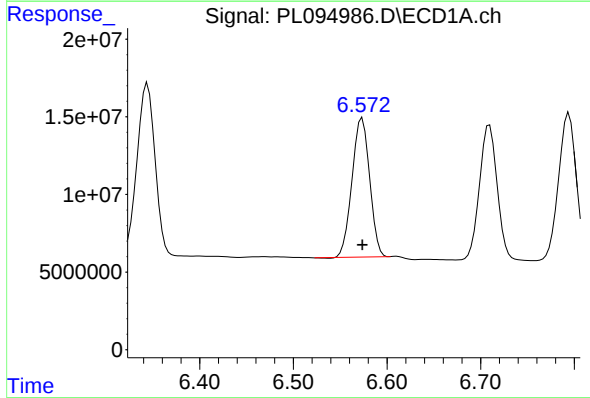
R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 147870422
Conc: 46.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167405BS



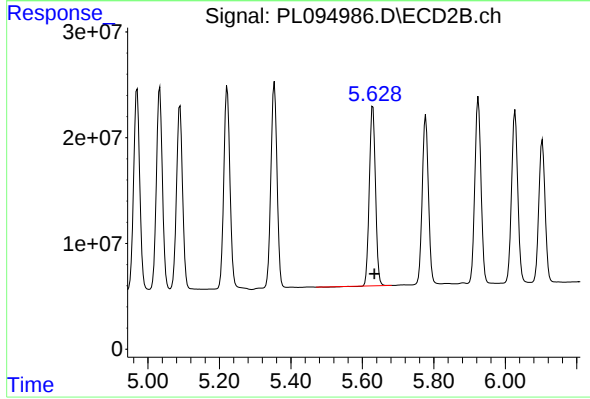
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: -0.004 min
Response: 235134488
Conc: 48.46 ng/ml



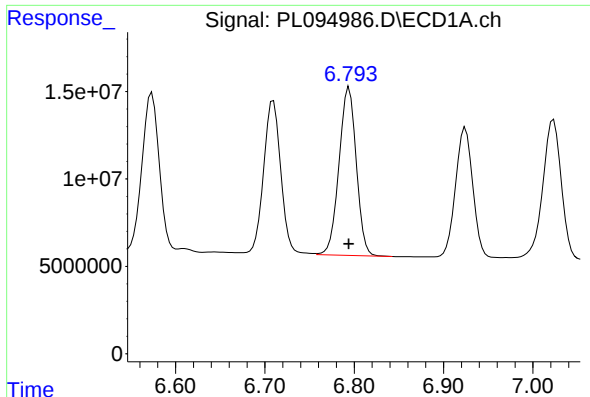
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 117261430
Conc: 42.30 ng/ml



#14 Endrin

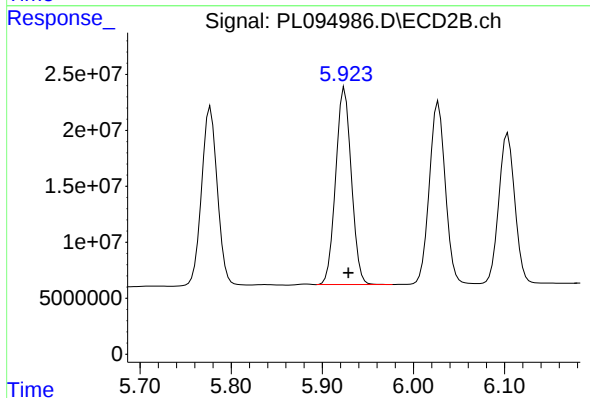
R.T.: 5.629 min
Delta R.T.: -0.004 min
Response: 203213979
Conc: 46.57 ng/ml



#15 Endosulfan II

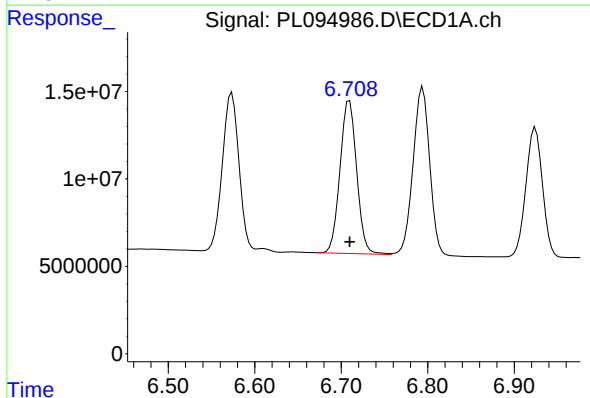
R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 128927832
Conc: 47.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167405BS



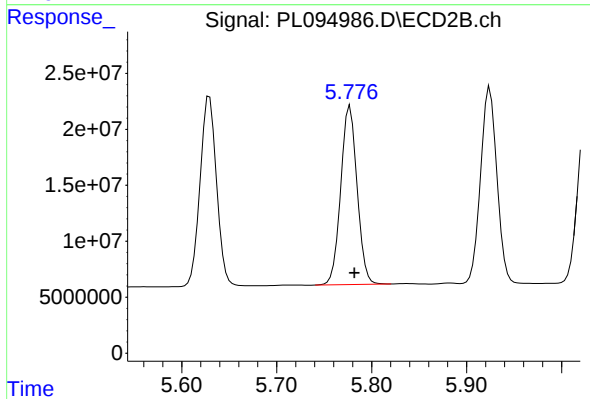
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: -0.004 min
Response: 210052714
Conc: 48.53 ng/ml



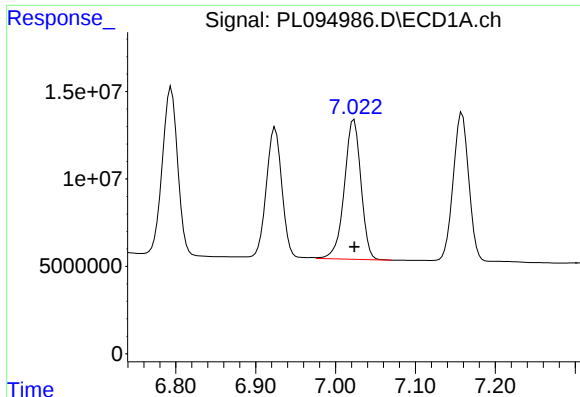
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 116495858
Conc: 53.78 ng/ml



#16 4,4'-DDD

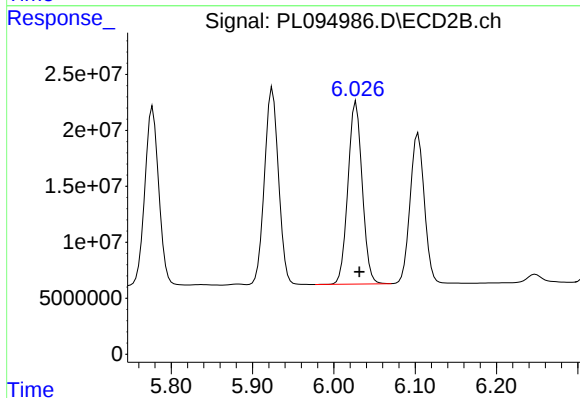
R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 191412080
Conc: 53.23 ng/ml



#17 4,4'-DDT

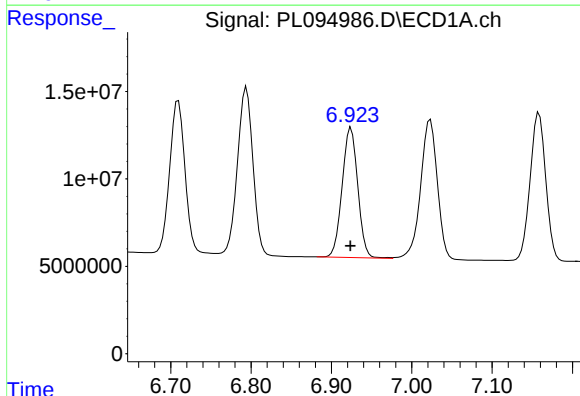
R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 115506225
Conc: 48.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167405BS



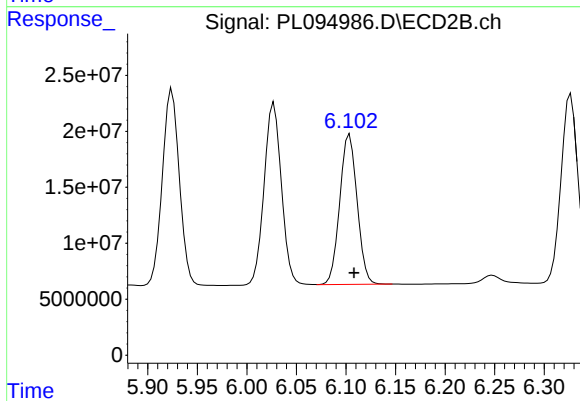
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.004 min
Response: 198138323
Conc: 49.14 ng/ml



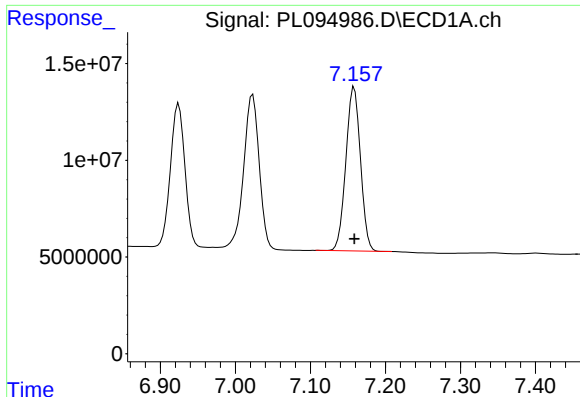
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 100359436
Conc: 47.54 ng/ml



#18 Endrin aldehyde

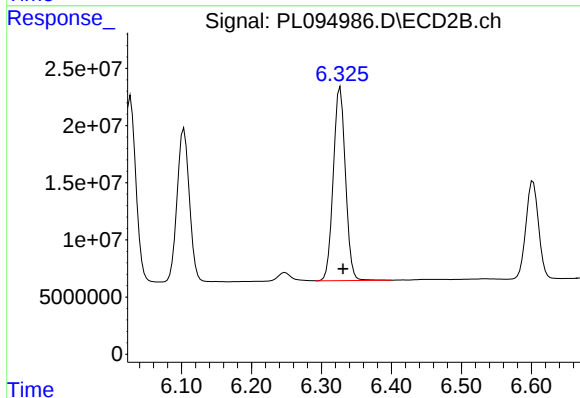
R.T.: 6.104 min
Delta R.T.: -0.005 min
Response: 163550446
Conc: 48.60 ng/ml



#19 Endosulfan Sulfate

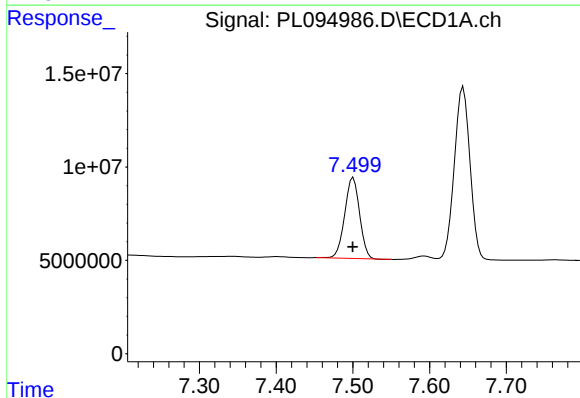
R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 114462126
Conc: 47.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167405BS



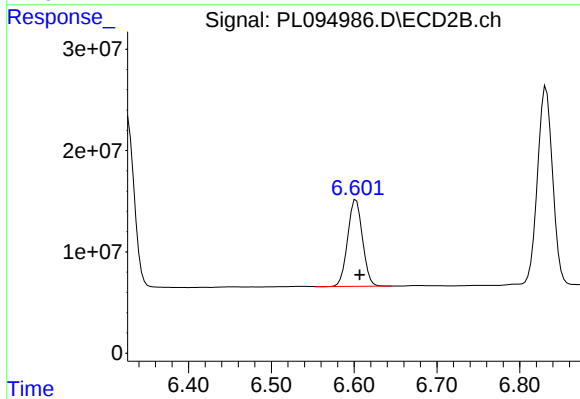
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 204422803
Conc: 50.18 ng/ml



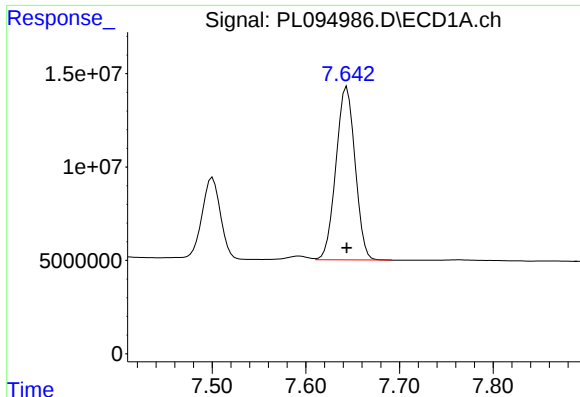
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 58625423
Conc: 48.97 ng/ml



#20 Methoxychlor

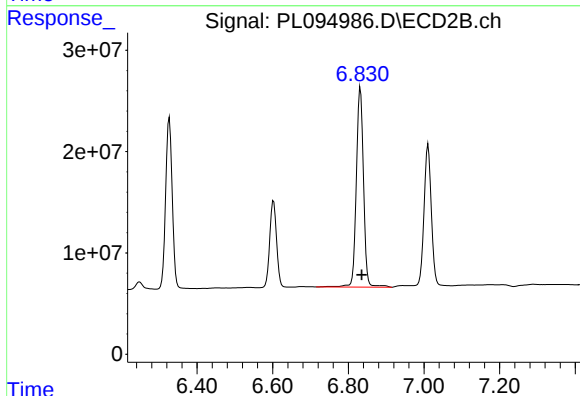
R.T.: 6.602 min
Delta R.T.: -0.005 min
Response: 106621849
Conc: 50.27 ng/ml



#21 Endrin ketone

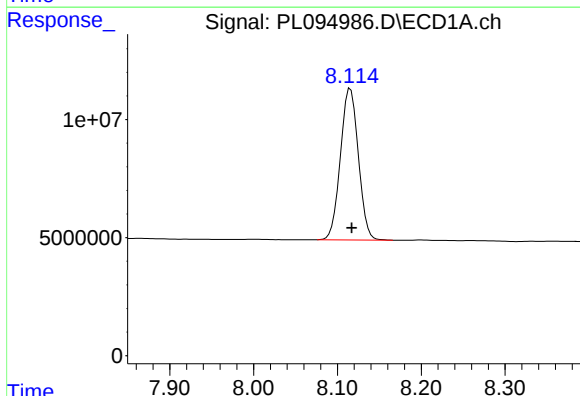
R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 131815221
Conc: 49.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167405BS



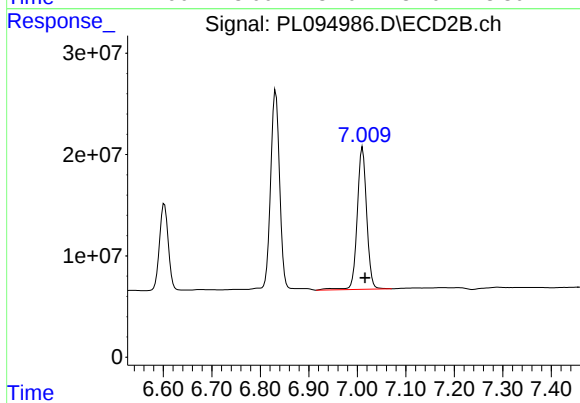
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.004 min
Response: 258628714
Conc: 54.19 ng/ml



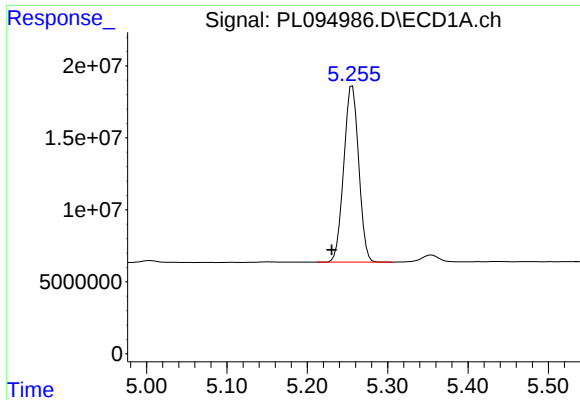
#22 Mirex

R.T.: 8.116 min
Delta R.T.: -0.001 min
Response: 95459433
Conc: 46.20 ng/ml



#22 Mirex

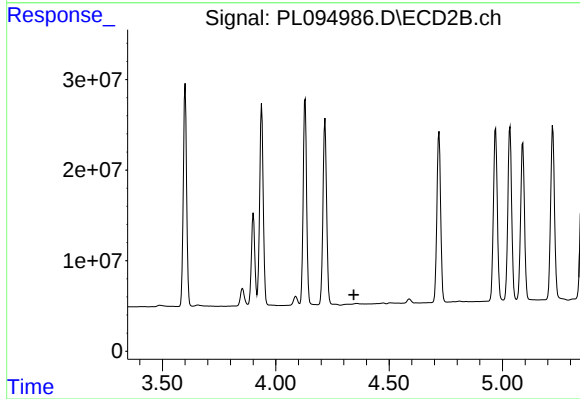
R.T.: 7.011 min
Delta R.T.: -0.005 min
Response: 190802551
Conc: 50.27 ng/ml



#24 Chlordane-2

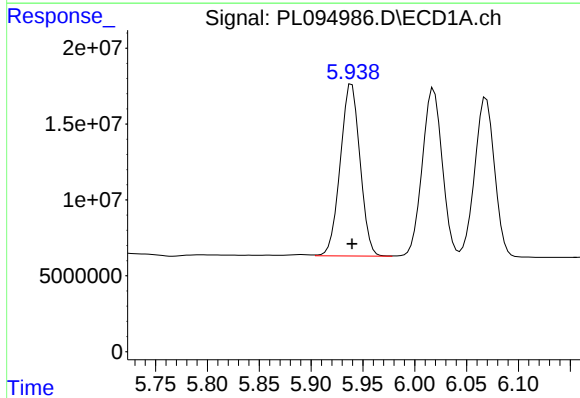
R.T.: 5.256 min
Delta R.T.: 0.026 min
Response: 158029677
Conc: 1044.44 ng/m

Instrument :
ECD_L
ClientSampleId :
PB167405BS



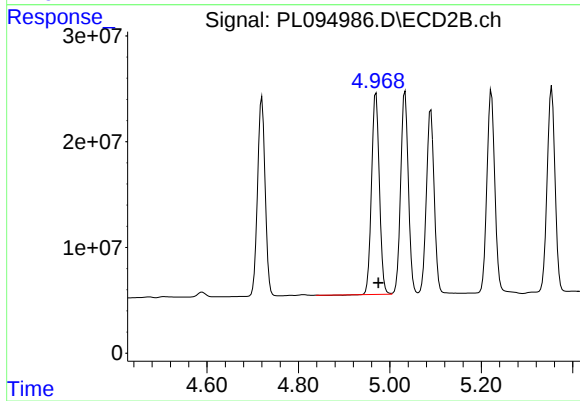
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.344 min
Response: 0
Conc: N.D.



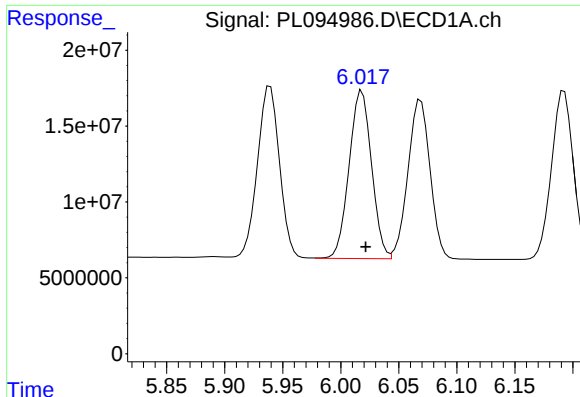
#25 Chlordane-3

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 150065509
Conc: 300.24 ng/ml



#25 Chlordane-3

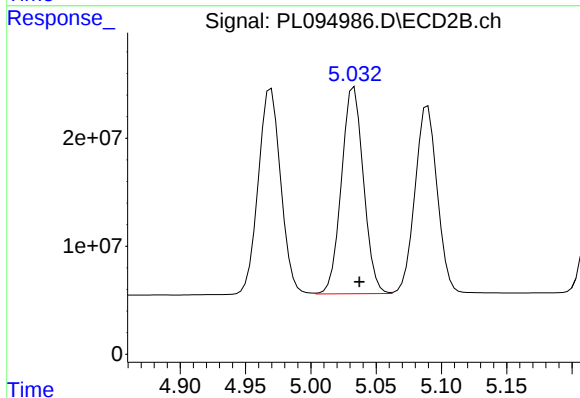
R.T.: 4.970 min
Delta R.T.: -0.005 min
Response: 226231854
Conc: 425.25 ng/ml



#26 Chlordane-4

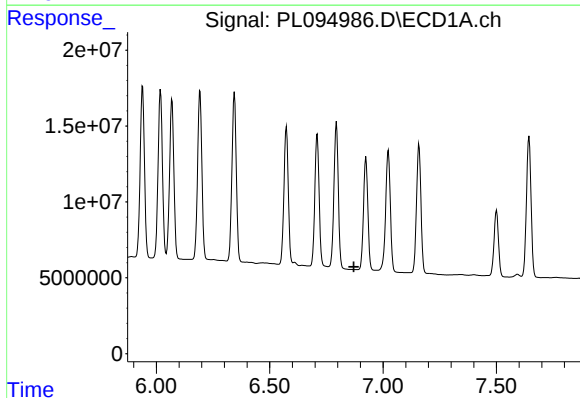
R.T.: 6.018 min
Delta R.T.: -0.003 min
Response: 148886981
Conc: 252.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167405BS



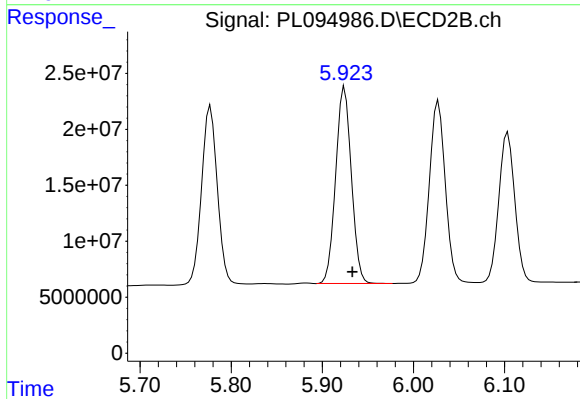
#26 Chlordane-4

R.T.: 5.033 min
Delta R.T.: -0.004 min
Response: 224378441
Conc: 431.03 ng/ml



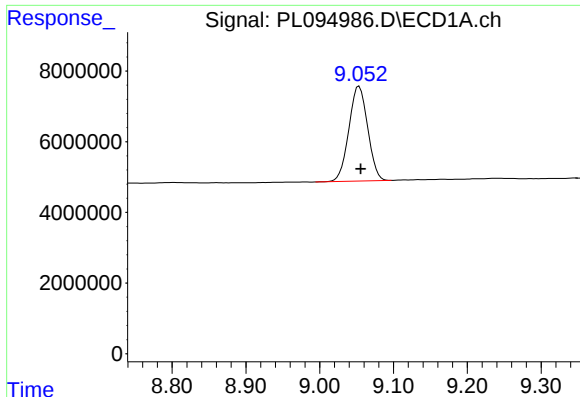
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.871 min
Response: 0
Conc: N.D.



#27 Chlordane-5

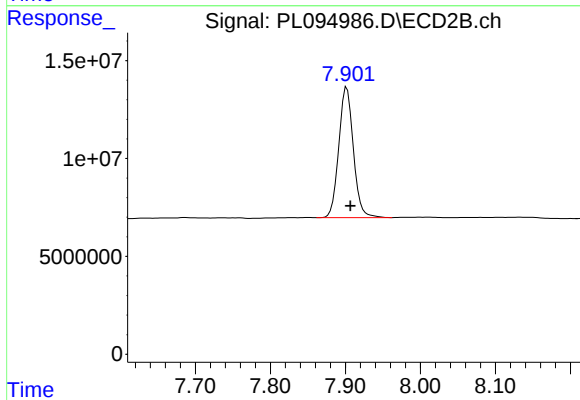
R.T.: 5.924 min
Delta R.T.: -0.008 min
Response: 210052714
Conc: 1094.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.002 min
Response: 47523977
Conc: 22.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167405BS



#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.005 min
Response: 90260690
Conc: 22.35 ng/ml