

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122320\
 Data File : PL063807.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2020 21:22
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

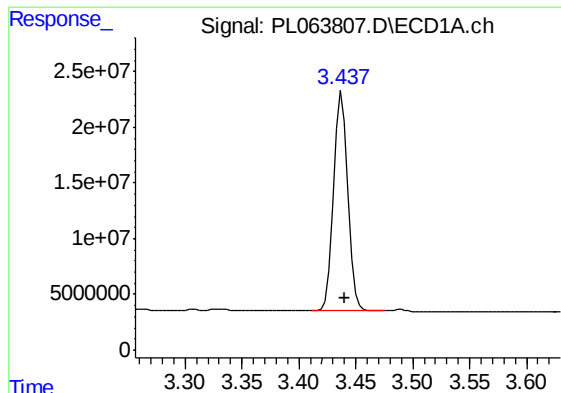
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 23 22:32:58 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122220.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 14:02:42 2020
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.438	4.111	169.0E6	141.2E6	56.357	55.323
28)	SA Decachlor...	8.176	9.264	125.2E6	89876698	45.429	45.585
Target Compounds							
2)	A alpha-BHC	3.872	4.512	286.0E6	205.8E6	57.287	57.120
3)	MA gamma-BHC...	4.152	4.804	260.0E6	193.4E6	56.885	56.700
4)	MA Heptachlor	4.453	5.316	234.1E6	170.4E6	55.581	53.375
5)	MB Aldrin	4.699	5.626	224.7E6	155.0E6	56.265	54.145
6)	B beta-BHC	4.401	4.979	103.5E6	89442205	53.544	50.955
7)	B delta-BHC	4.604	5.200	255.7E6	183.3E6	56.411	55.772
8)	B Heptachlor...	5.140	6.018	209.0E6	146.8E6	55.630	52.898
9)	A Endosulfan I	5.476	6.381	190.1E6	131.8E6	54.901	52.386
10)	B gamma-Chl...	5.366	6.254	210.7E6	145.3E6	55.417	52.530
11)	B alpha-Chl...	5.425	6.327	206.0E6	144.6E6	54.907	52.388
12)	B 4,4'-DDE	5.592	6.482	198.2E6	127.8E6	57.641	51.765
13)	MA Dieldrin	5.719	6.641	200.3E6	134.9E6	55.267	51.788
14)	MA Endrin	5.974	6.863	166.0E6	89059070	56.948	45.892
15)	B Endosulfa...	6.246	7.075	175.5E6	116.3E6	53.255	49.350
16)	A 4,4'-DDD	6.105	6.980	165.1E6	109.2E6	56.442	51.654
17)	MA 4,4'-DDT	6.345	7.280	136.8E6	88022063	51.610	45.245
18)	B Endrin al...	6.414	7.201	143.9E6	97485190	51.998	48.355
19)	B Endosulfa...	6.627	7.424	167.5E6	107.8E6	53.200	47.928
20)	A Methoxychlor	6.893	7.738	68223062	47581960	51.929	45.099
21)	B Endrin ke...	7.113	7.903	179.7E6	118.9E6	51.694	48.210
22)	Mirex	7.301	8.355	126.5E6	83450726	50.370	46.263
24)	Chlordane-2	0.000	5.626f	0	155.0E6	N.D.	1606.227 #
25)	Chlordane-3	5.366	6.254	210.7E6	145.3E6	644.749	424.200 #
26)	Chlordane-4	5.425	6.327	206.0E6	144.6E6	769.831	351.805 #
27)	Chlordane-5	6.246	0.000	175.5E6	0	1632.400	N.D. #

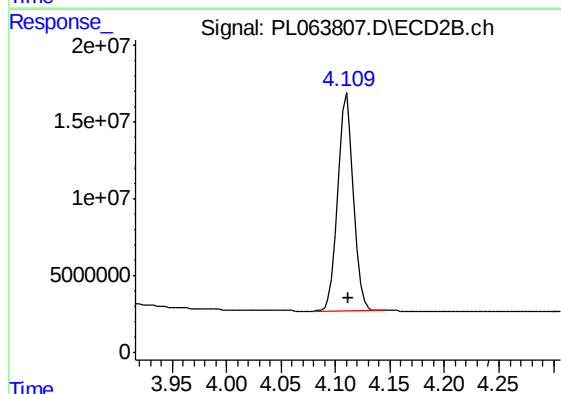
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

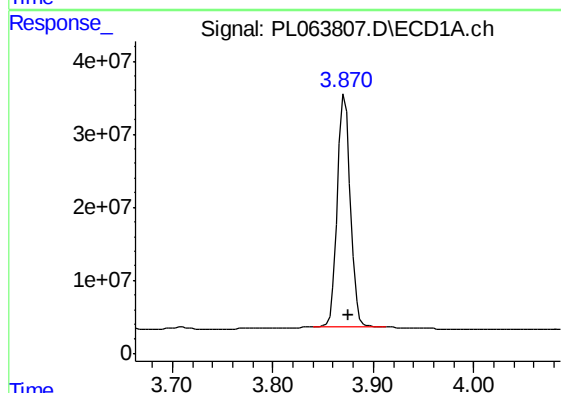
R.T.: 3.438 min
Delta R.T.: -0.002 min
Response: 168956989
Conc: 56.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



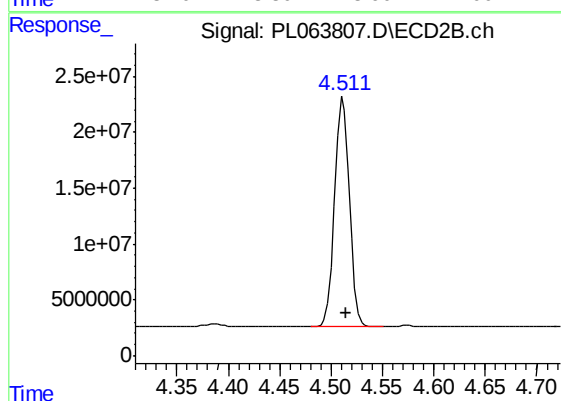
#1 Tetrachloro-m-xylene

R.T.: 4.111 min
Delta R.T.: -0.002 min
Response: 141241249
Conc: 55.32 ng/ml



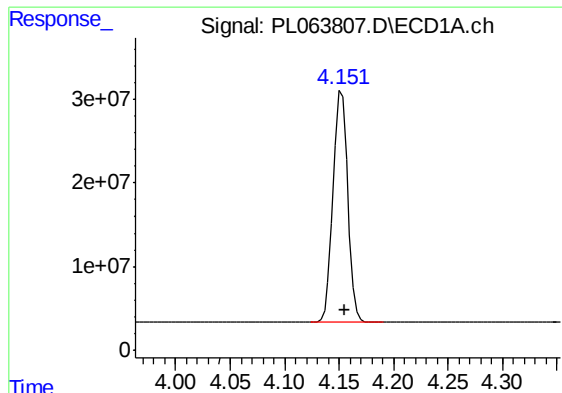
#2 alpha-BHC

R.T.: 3.872 min
Delta R.T.: -0.003 min
Response: 285980176
Conc: 57.29 ng/ml



#2 alpha-BHC

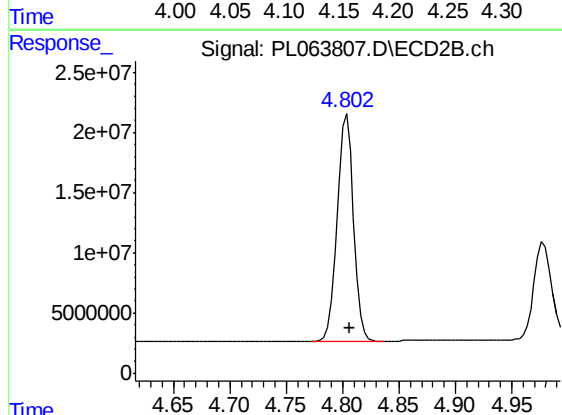
R.T.: 4.512 min
Delta R.T.: -0.002 min
Response: 205770338
Conc: 57.12 ng/ml



#3 gamma-BHC (Lindane)

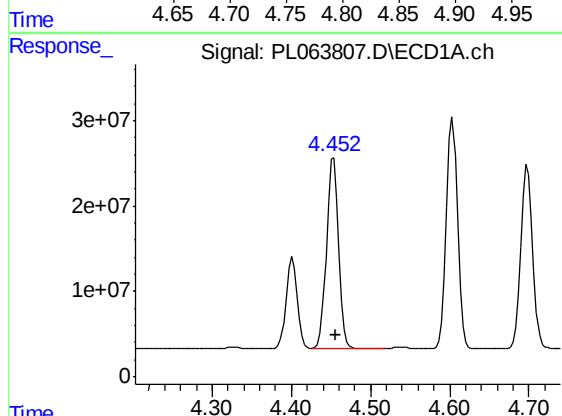
R.T.: 4.152 min
Delta R.T.: -0.003 min
Response: 260023276
Conc: 56.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



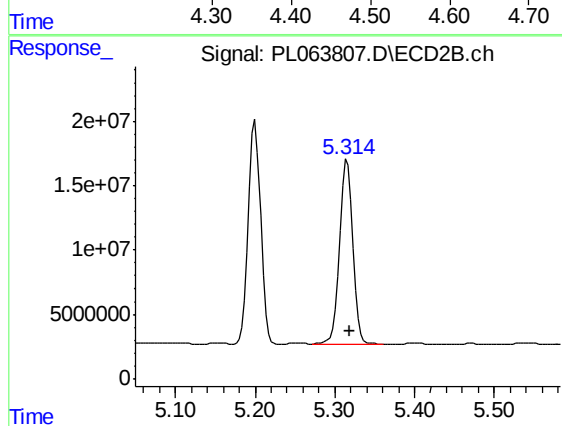
#3 gamma-BHC (Lindane)

R.T.: 4.804 min
Delta R.T.: -0.002 min
Response: 193416801
Conc: 56.70 ng/ml



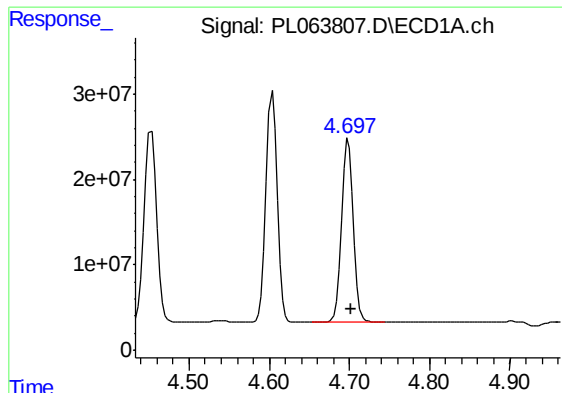
#4 Heptachlor

R.T.: 4.453 min
Delta R.T.: -0.003 min
Response: 234062244
Conc: 55.58 ng/ml



#4 Heptachlor

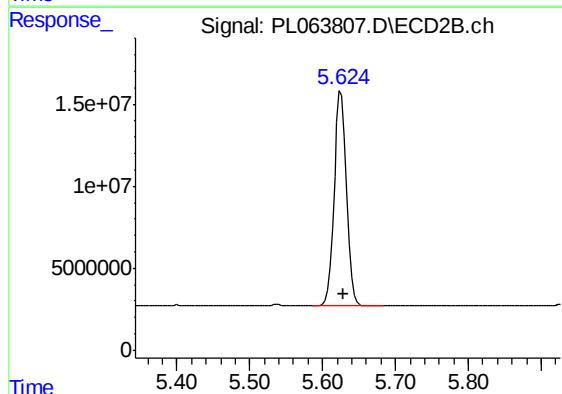
R.T.: 5.316 min
Delta R.T.: -0.003 min
Response: 170426025
Conc: 53.37 ng/ml



#5 Aldrin

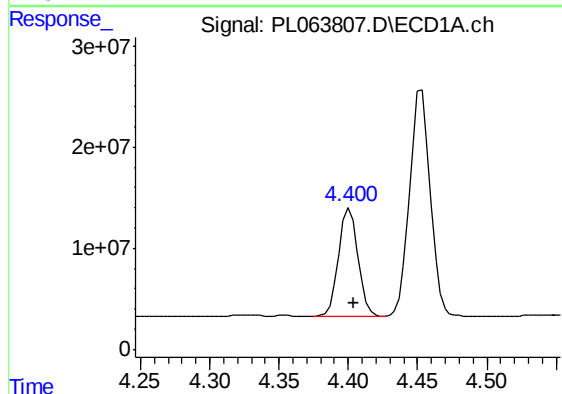
R.T.: 4.699 min
Delta R.T.: -0.003 min
Response: 224730232
Conc: 56.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



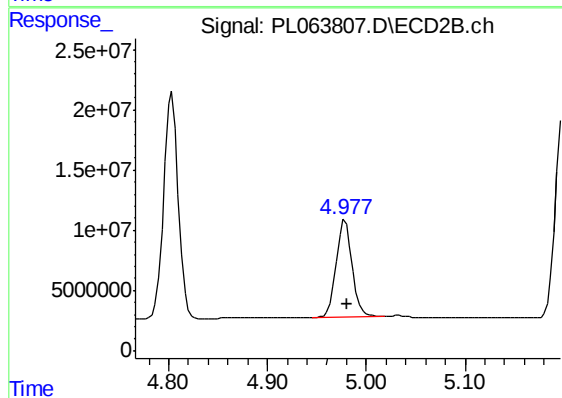
#5 Aldrin

R.T.: 5.626 min
Delta R.T.: -0.004 min
Response: 154981758
Conc: 54.14 ng/ml



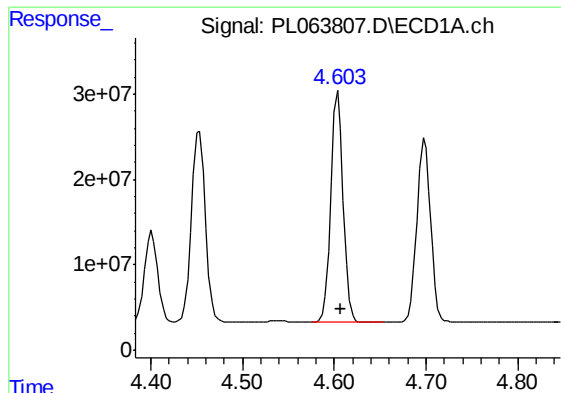
#6 beta-BHC

R.T.: 4.401 min
Delta R.T.: -0.003 min
Response: 103489245
Conc: 53.54 ng/ml



#6 beta-BHC

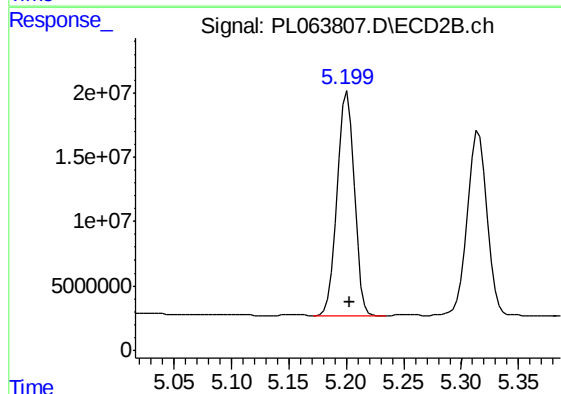
R.T.: 4.979 min
Delta R.T.: -0.003 min
Response: 89442205
Conc: 50.95 ng/ml



#7 delta-BHC

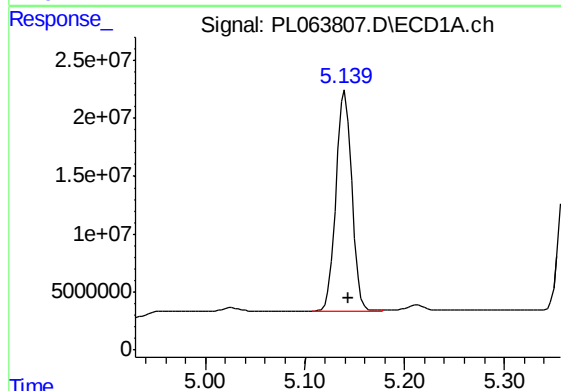
R.T.: 4.604 min
Delta R.T.: -0.003 min
Response: 255670701
Conc: 56.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



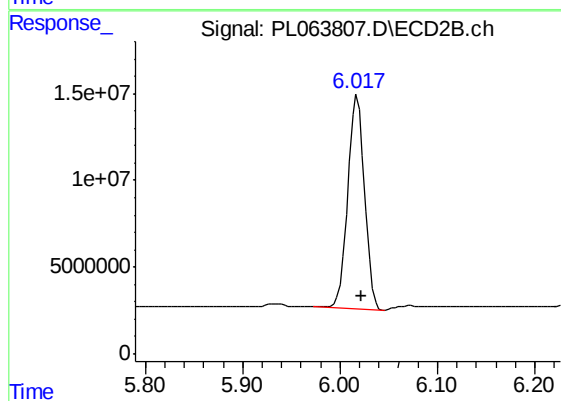
#7 delta-BHC

R.T.: 5.200 min
Delta R.T.: -0.003 min
Response: 183345551
Conc: 55.77 ng/ml



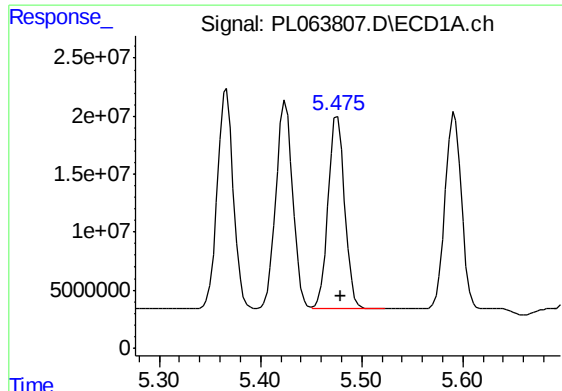
#8 Heptachlor epoxide

R.T.: 5.140 min
Delta R.T.: -0.004 min
Response: 208998050
Conc: 55.63 ng/ml



#8 Heptachlor epoxide

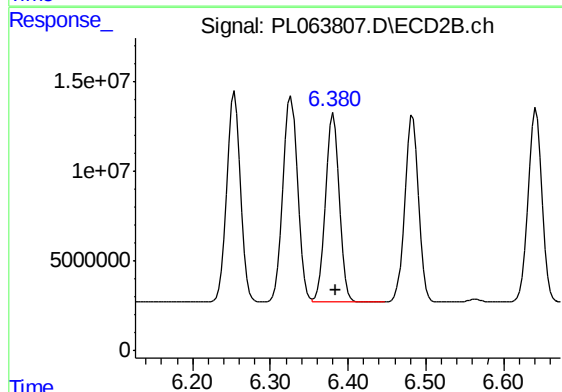
R.T.: 6.018 min
Delta R.T.: -0.005 min
Response: 146797231
Conc: 52.90 ng/ml



#9 Endosulfan I

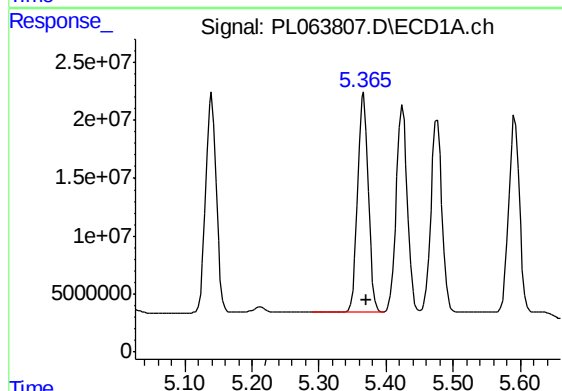
R.T.: 5.476 min
Delta R.T.: -0.004 min
Response: 190087999
Conc: 54.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



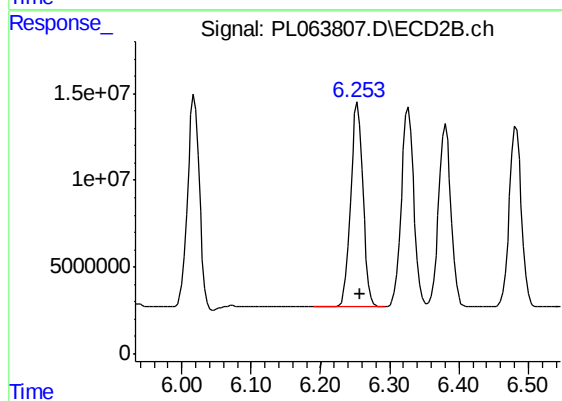
#9 Endosulfan I

R.T.: 6.381 min
Delta R.T.: -0.004 min
Response: 131774421
Conc: 52.39 ng/ml



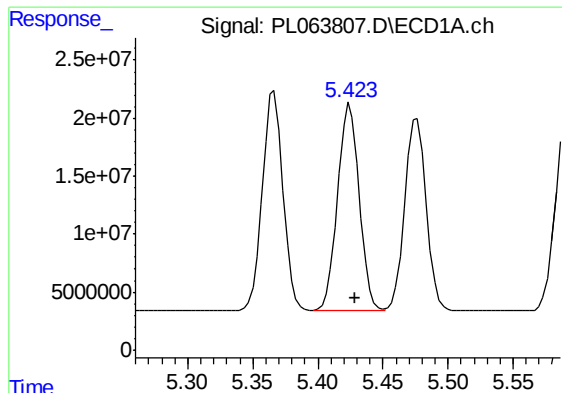
#10 gamma-Chlordane

R.T.: 5.366 min
Delta R.T.: -0.004 min
Response: 210684317
Conc: 55.42 ng/ml



#10 gamma-Chlordane

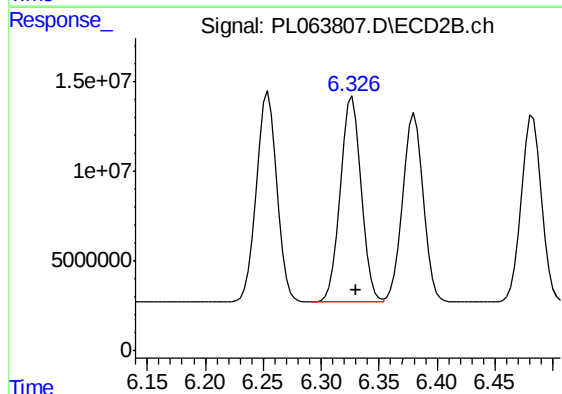
R.T.: 6.254 min
Delta R.T.: -0.004 min
Response: 145346649
Conc: 52.53 ng/ml



#11 alpha-Chlordane

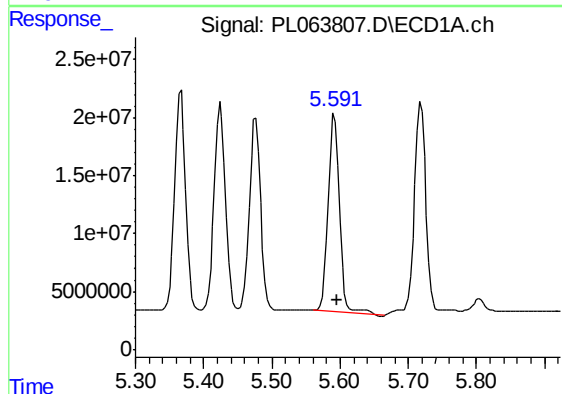
R.T.: 5.425 min
Delta R.T.: -0.003 min
Response: 205977964
Conc: 54.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



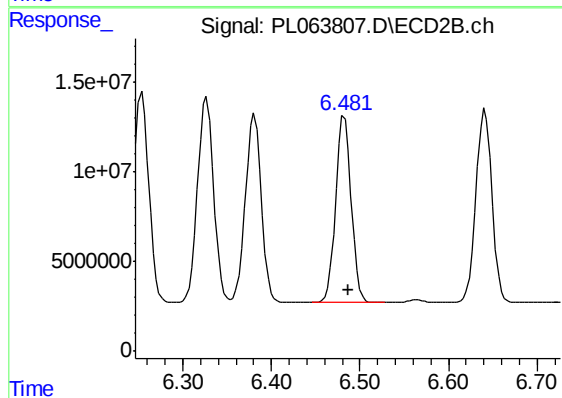
#11 alpha-Chlordane

R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 144603126
Conc: 52.39 ng/ml



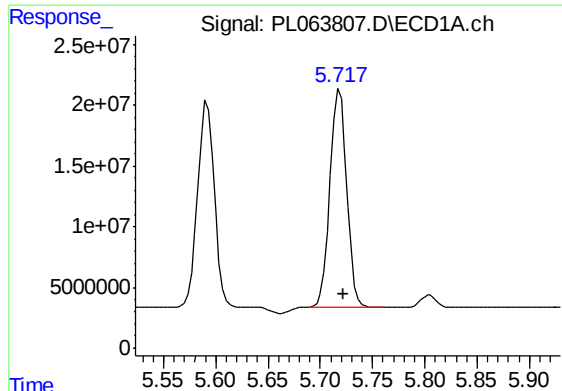
#12 4,4'-DDE

R.T.: 5.592 min
Delta R.T.: -0.003 min
Response: 198159025
Conc: 57.64 ng/ml



#12 4,4'-DDE

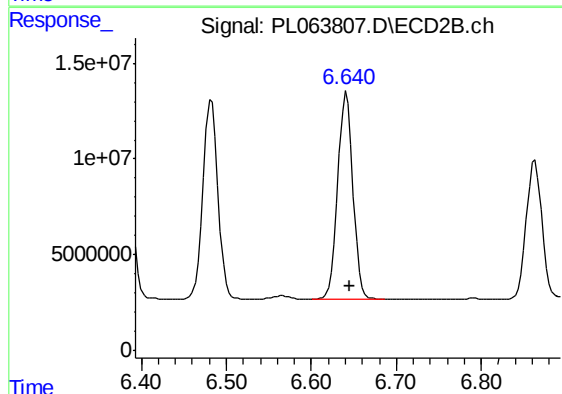
R.T.: 6.482 min
Delta R.T.: -0.004 min
Response: 127840988
Conc: 51.76 ng/ml



#13 Dieldrin

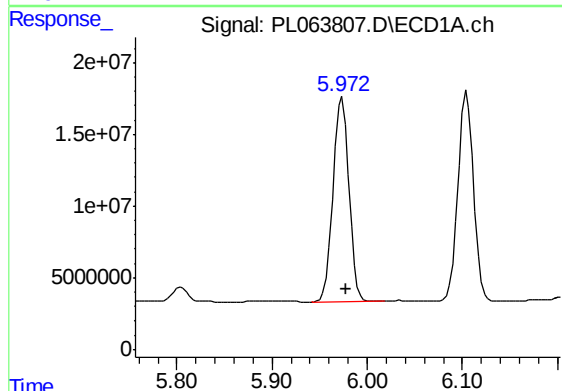
R.T.: 5.719 min
Delta R.T.: -0.004 min
Response: 200312095
Conc: 55.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



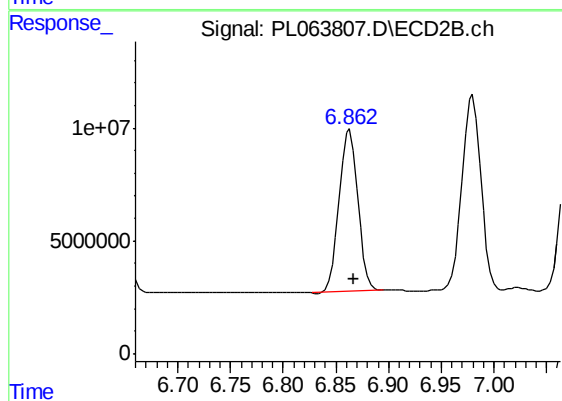
#13 Dieldrin

R.T.: 6.641 min
Delta R.T.: -0.004 min
Response: 134908577
Conc: 51.79 ng/ml



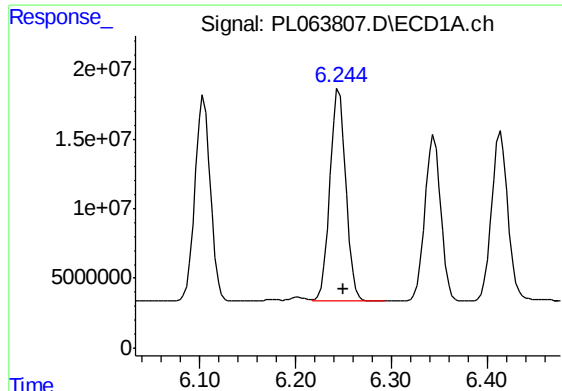
#14 Endrin

R.T.: 5.974 min
Delta R.T.: -0.004 min
Response: 165966944
Conc: 56.95 ng/ml



#14 Endrin

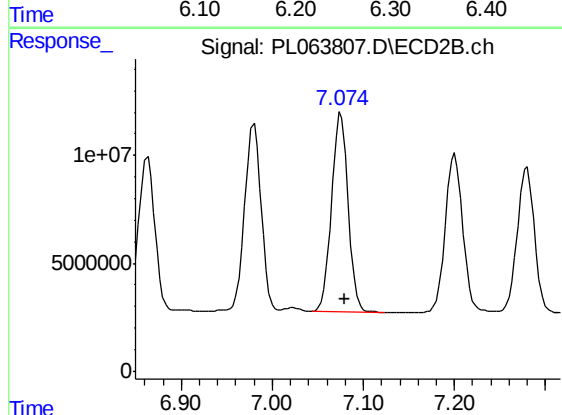
R.T.: 6.863 min
Delta R.T.: -0.004 min
Response: 89059070
Conc: 45.89 ng/ml



#15 Endosulfan II

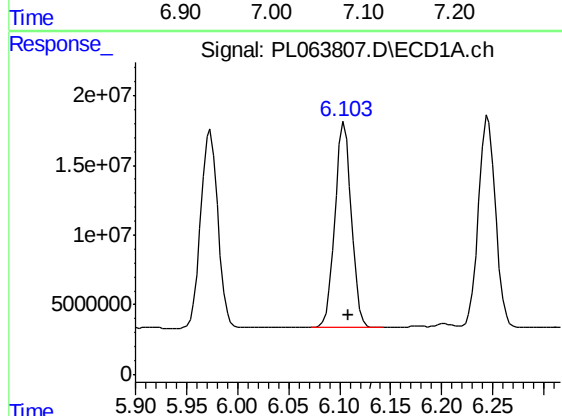
R.T.: 6.246 min
Delta R.T.: -0.005 min
Response: 175547355
Conc: 53.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



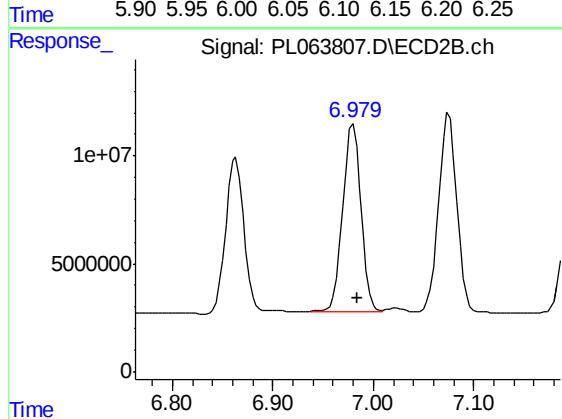
#15 Endosulfan II

R.T.: 7.075 min
Delta R.T.: -0.005 min
Response: 116338750
Conc: 49.35 ng/ml



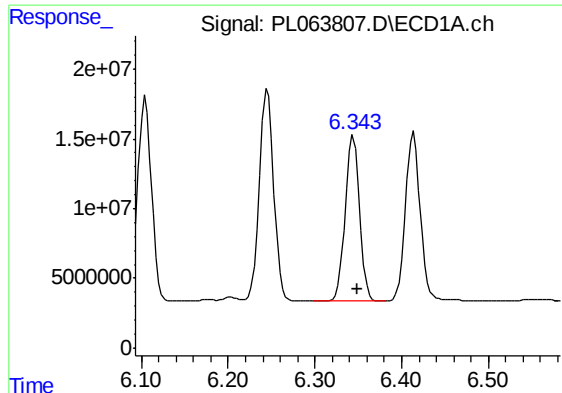
#16 4,4'-DDD

R.T.: 6.105 min
Delta R.T.: -0.005 min
Response: 165085205
Conc: 56.44 ng/ml



#16 4,4'-DDD

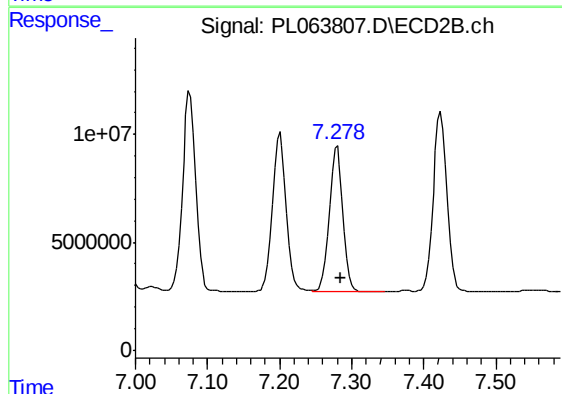
R.T.: 6.980 min
Delta R.T.: -0.004 min
Response: 109205629
Conc: 51.65 ng/ml



#17 4,4'-DDT

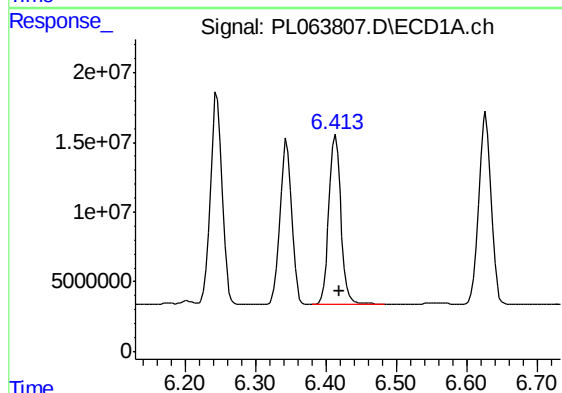
R.T.: 6.345 min
Delta R.T.: -0.005 min
Response: 136767562
Conc: 51.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



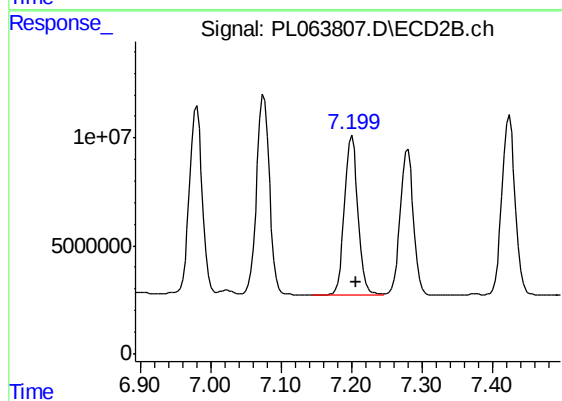
#17 4,4'-DDT

R.T.: 7.280 min
Delta R.T.: -0.005 min
Response: 88022063
Conc: 45.24 ng/ml



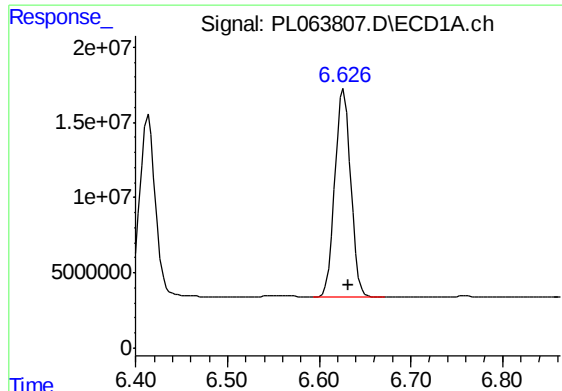
#18 Endrin aldehyde

R.T.: 6.414 min
Delta R.T.: -0.005 min
Response: 143905767
Conc: 52.00 ng/ml



#18 Endrin aldehyde

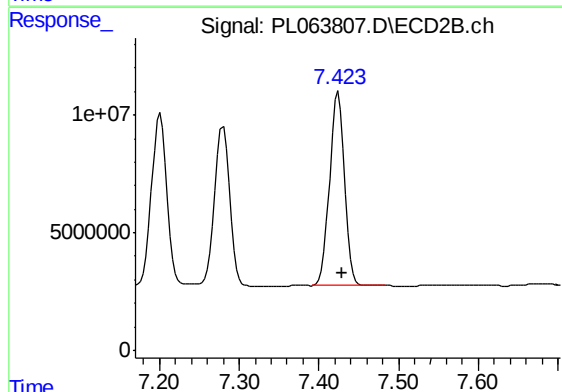
R.T.: 7.201 min
Delta R.T.: -0.005 min
Response: 97485190
Conc: 48.36 ng/ml



#19 Endosulfan Sulfate

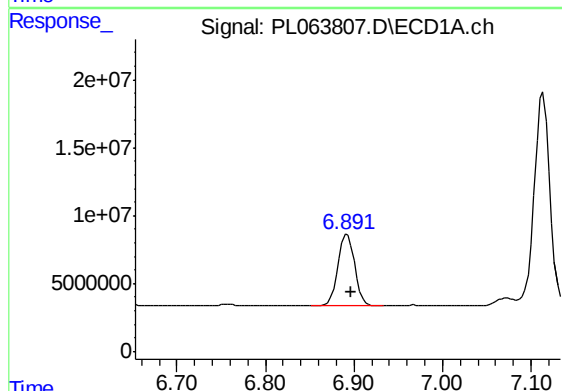
R.T.: 6.627 min
Delta R.T.: -0.005 min
Response: 167519046
Conc: 53.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



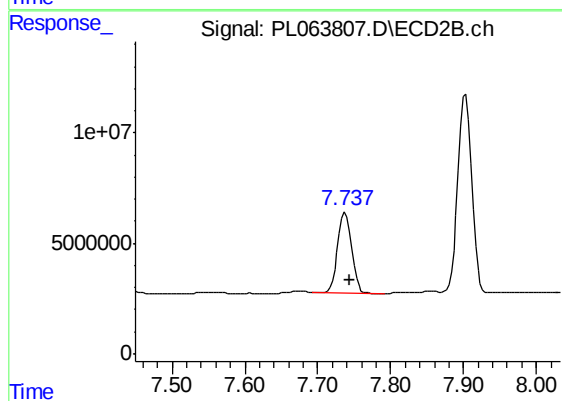
#19 Endosulfan Sulfate

R.T.: 7.424 min
Delta R.T.: -0.005 min
Response: 107784728
Conc: 47.93 ng/ml



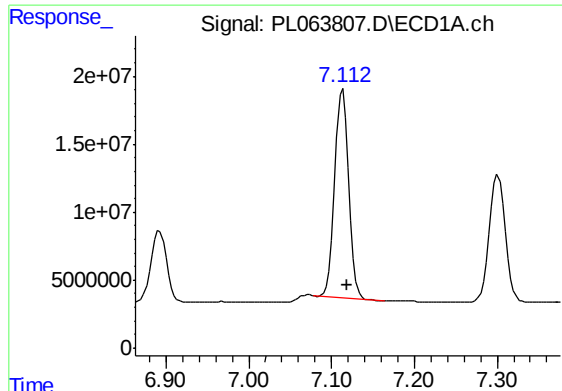
#20 Methoxychlor

R.T.: 6.893 min
Delta R.T.: -0.005 min
Response: 68223062
Conc: 51.93 ng/ml



#20 Methoxychlor

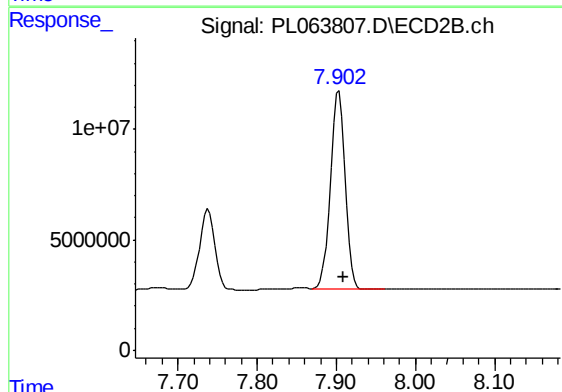
R.T.: 7.738 min
Delta R.T.: -0.005 min
Response: 47581960
Conc: 45.10 ng/ml



#21 Endrin ketone

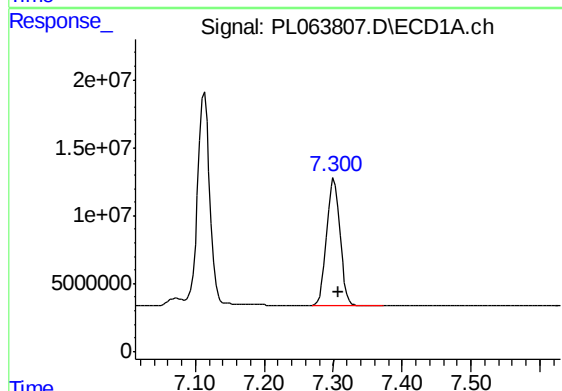
R.T.: 7.113 min
Delta R.T.: -0.006 min
Response: 179723798
Conc: 51.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



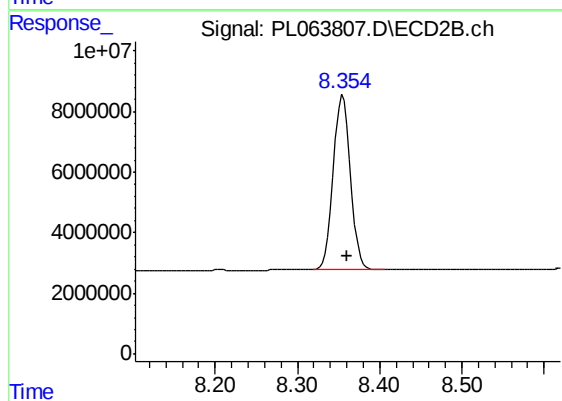
#21 Endrin ketone

R.T.: 7.903 min
Delta R.T.: -0.005 min
Response: 118887282
Conc: 48.21 ng/ml



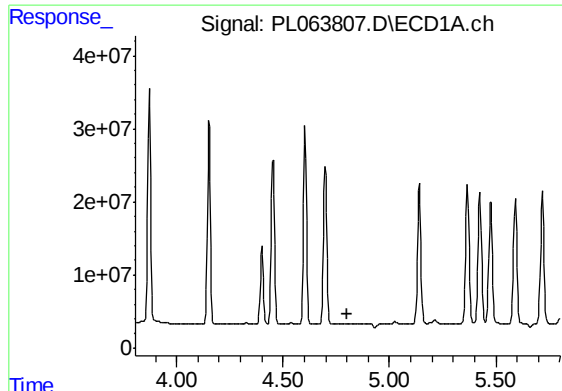
#22 Mirex

R.T.: 7.301 min
Delta R.T.: -0.006 min
Response: 126480308
Conc: 50.37 ng/ml



#22 Mirex

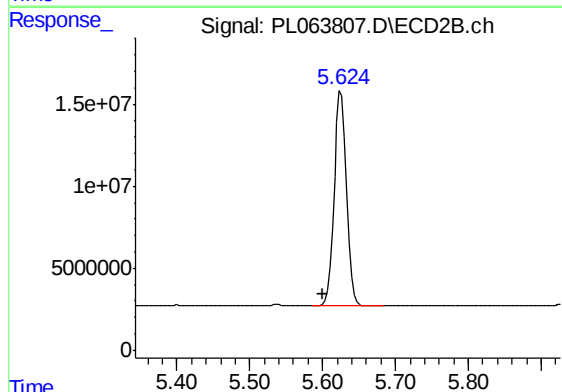
R.T.: 8.355 min
Delta R.T.: -0.006 min
Response: 83450726
Conc: 46.26 ng/ml



#24 Chlordane-2

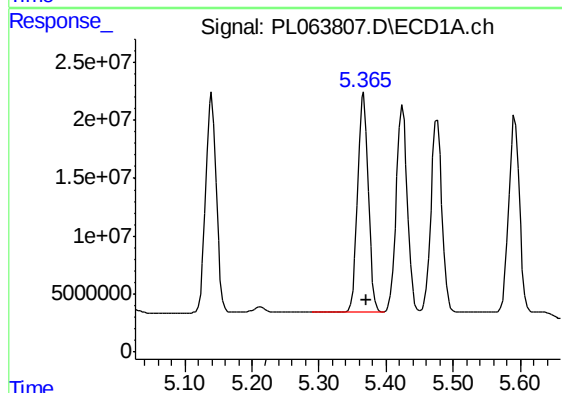
R.T.: 0.000 min
Exp R.T.: 4.804 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



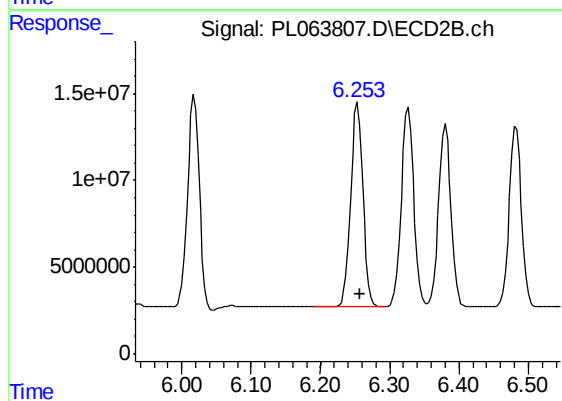
#24 Chlordane-2

R.T.: 5.626 min
Delta R.T.: 0.025 min
Response: 154981758
Conc: 1606.23 ng/ml



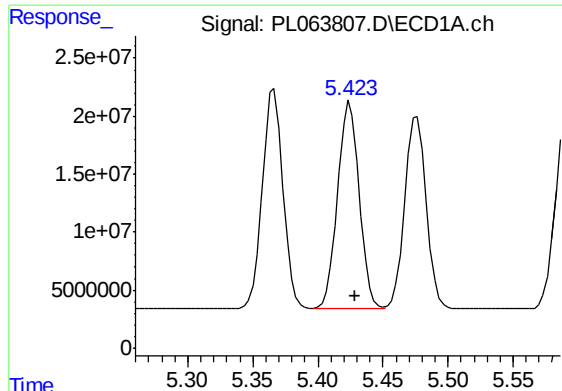
#25 Chlordane-3

R.T.: 5.366 min
Delta R.T.: -0.004 min
Response: 210684317
Conc: 644.75 ng/ml



#25 Chlordane-3

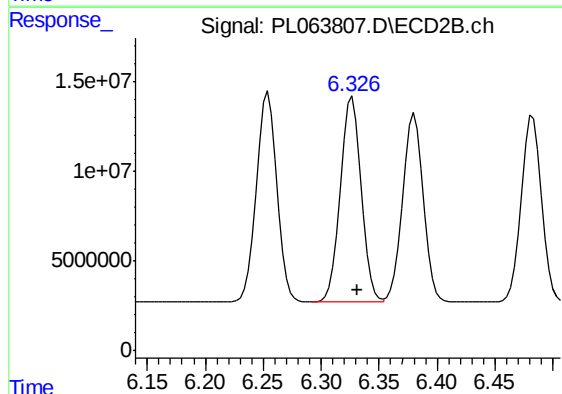
R.T.: 6.254 min
Delta R.T.: -0.003 min
Response: 145346649
Conc: 424.20 ng/ml



#26 Chlordane-4

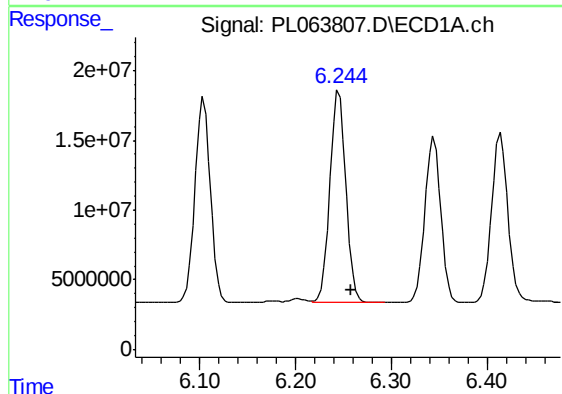
R.T.: 5.425 min
Delta R.T.: -0.004 min
Response: 205977964
Conc: 769.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



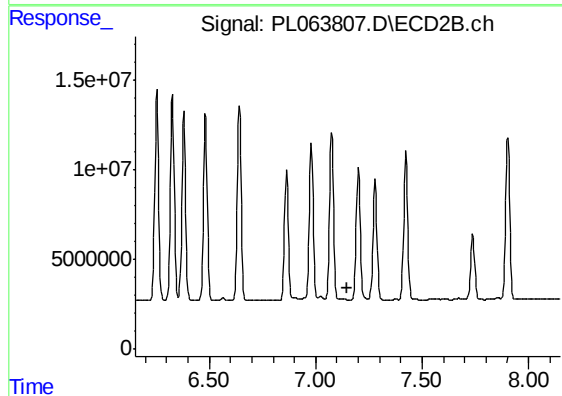
#26 Chlordane-4

R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 144603126
Conc: 351.81 ng/ml



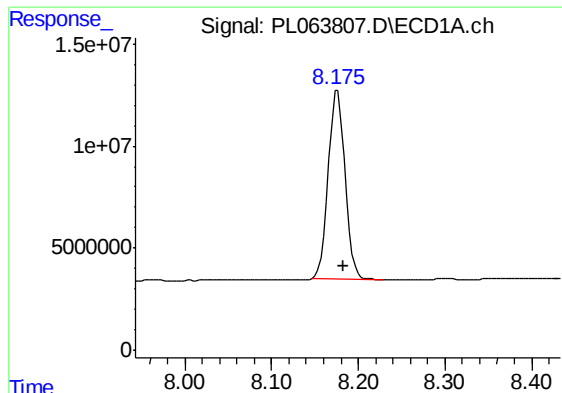
#27 Chlordane-5

R.T.: 6.246 min
Delta R.T.: -0.013 min
Response: 175547355
Conc: 1632.40 ng/ml



#27 Chlordane-5

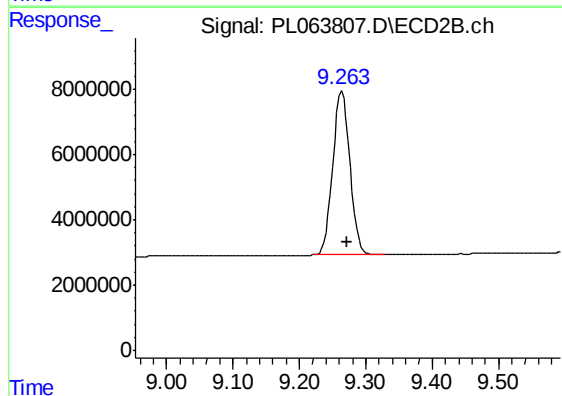
R.T.: 0.000 min
Exp R.T. : 7.150 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.176 min
Delta R.T.: -0.006 min
Response: 125164138
Conc: 45.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.264 min
Delta R.T.: -0.008 min
Response: 89876698
Conc: 45.59 ng/ml