

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061923\
 Data File : PL083549.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2023 18:00
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

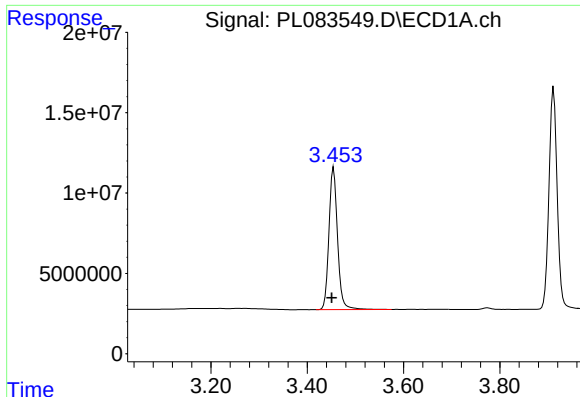
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 04:14:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 17 12:34:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.455	2.754	110.3E6	133.9E6	49.902	57.468
28)	SA Decachlor...	8.991	7.962	91481423	112.1E6	48.008	45.626
Target Compounds							
2)	A alpha-BHC	3.912	3.264	160.7E6	188.8E6	51.601	55.927
3)	MA gamma-BHC...	4.245	3.597	146.8E6	176.8E6	51.485	55.065
4)	MA Heptachlor	4.836	3.943	129.3E6	165.2E6	46.752	53.371
5)	MB Aldrin	5.178	4.226	129.4E6	169.4E6	49.787	56.252
6)	B beta-BHC	4.443	3.899	69869139	82210464	54.004	55.086
7)	B delta-BHC	4.689	4.130	143.6E6	180.2E6	52.103	55.899
8)	B Heptachlo...	5.607	4.735	119.7E6	128.9E6	47.168	44.911
9)	A Endosulfan I	5.992	5.108	110.4E6	145.5E6	49.540	53.970
10)	B gamma-Chl...	5.864	4.989	119.6E6	160.8E6	49.695	54.353
11)	B alpha-Chl...	5.944	5.054	117.6E6	158.6E6	49.656	53.609
12)	B 4,4'-DDE	6.122	5.251	106.2E6	144.0E6	52.617	56.376
13)	MA Dieldrin	6.269	5.376	111.8E6	152.9E6	49.789	54.526
14)	MA Endrin	6.498	5.652	97879802	131.7E6	55.460	57.050
15)	B Endosulfa...	6.718	5.949	94499745	127.8E6	50.630	53.830
16)	A 4,4'-DDD	6.640	5.810	93133849	130.3E6	54.547	59.070
17)	MA 4,4'-DDT	6.956	6.064	72043863	92223735	42.790	44.172
18)	B Endrin al...	6.849	6.131	52505486	96246129	35.419	50.924 #
19)	B Endosulfa...	7.084	6.357	97251642	127.8E6	50.641	52.753
20)	A Methoxychlor	7.437	6.649	40097157	53565420	44.206	44.446
21)	B Endrin ke...	7.568	6.863	98870975	135.3E6	46.146	48.122
22)	Mirex	8.043	7.049	86130997	115.0E6	46.147	47.785
23)	Chlordane-1	0.000	3.754	0	286813	N.D.	2.926 #
24)	Chlordane-2	5.178f	4.345	129.4E6	1130392	1192.566	9.400 #
25)	Chlordane-3	5.864	4.989	119.6E6	160.8E6	312.874	490.807 #
26)	Chlordane-4	5.944	5.054	117.6E6	158.6E6	254.355	470.479 #
27)	Chlordane-5	0.000	5.949	0	127.8E6	N.D.	1149.286 #

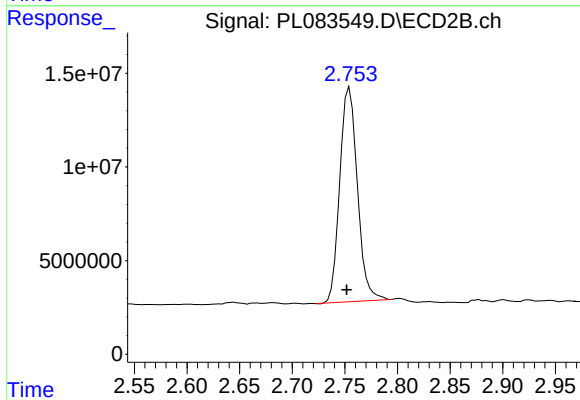
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

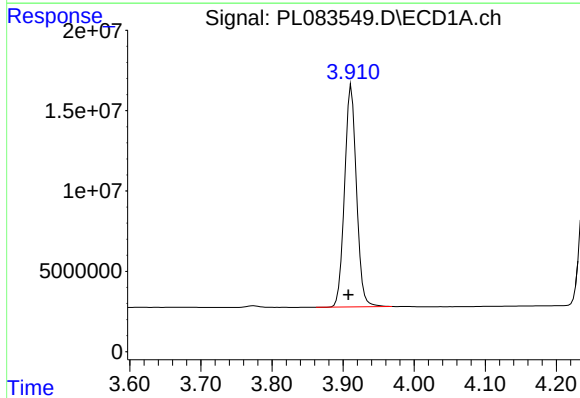
R.T.: 3.455 min
Delta R.T.: 0.004 min
Response: 110298534
Conc: 49.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



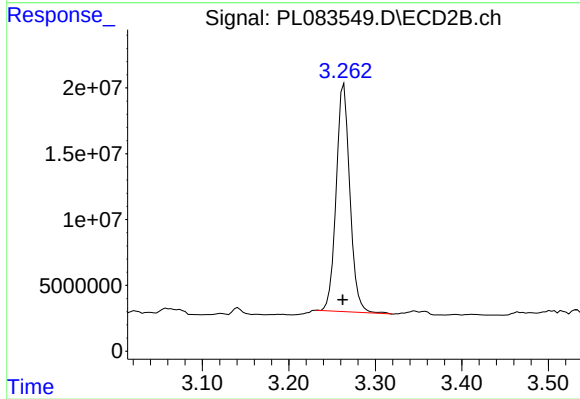
#1 Tetrachloro-m-xylene

R.T.: 2.754 min
Delta R.T.: 0.003 min
Response: 133864391
Conc: 57.47 ng/ml



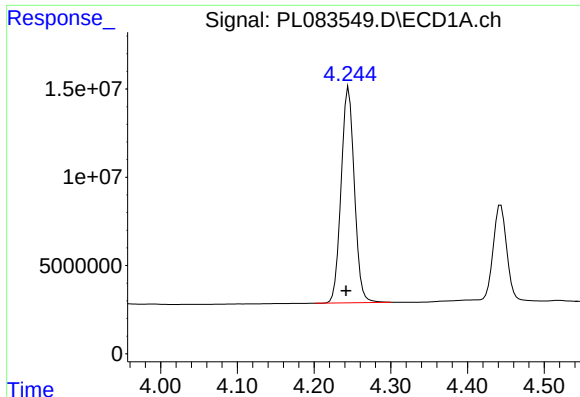
#2 alpha-BHC

R.T.: 3.912 min
Delta R.T.: 0.004 min
Response: 160655972
Conc: 51.60 ng/ml



#2 alpha-BHC

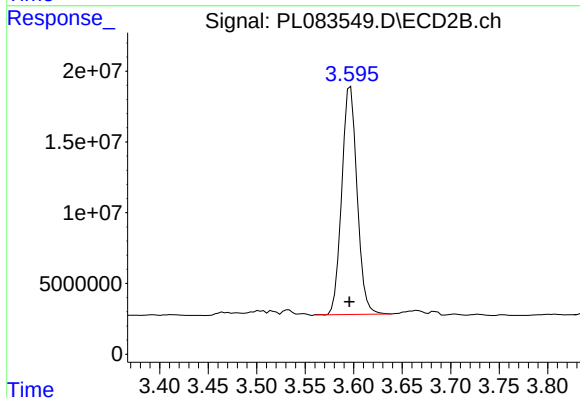
R.T.: 3.264 min
Delta R.T.: 0.001 min
Response: 188786604
Conc: 55.93 ng/ml



#3 gamma-BHC (Lindane)

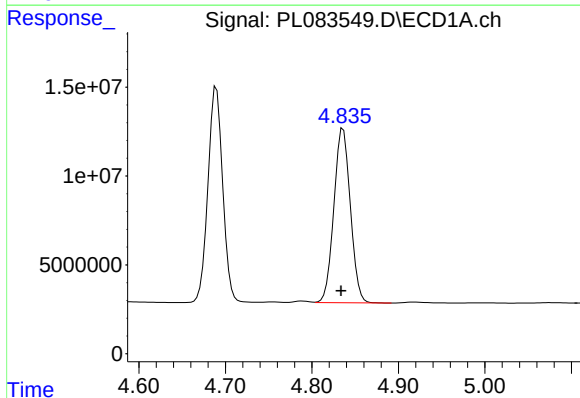
R.T.: 4.245 min
Delta R.T.: 0.003 min
Response: 146772040
Conc: 51.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



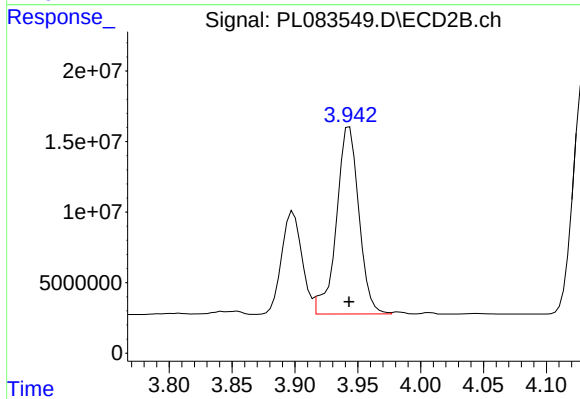
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: 0.000 min
Response: 176790830
Conc: 55.06 ng/ml



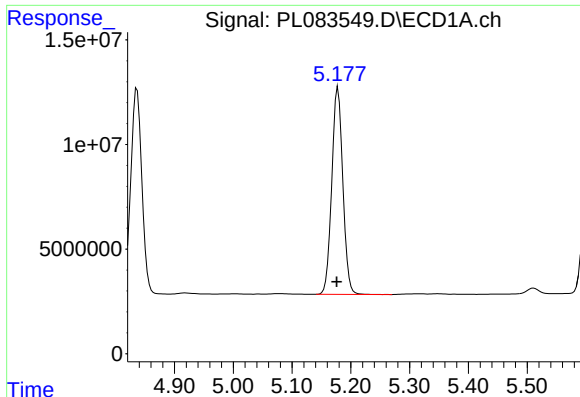
#4 Heptachlor

R.T.: 4.836 min
Delta R.T.: 0.003 min
Response: 129262792
Conc: 46.75 ng/ml



#4 Heptachlor

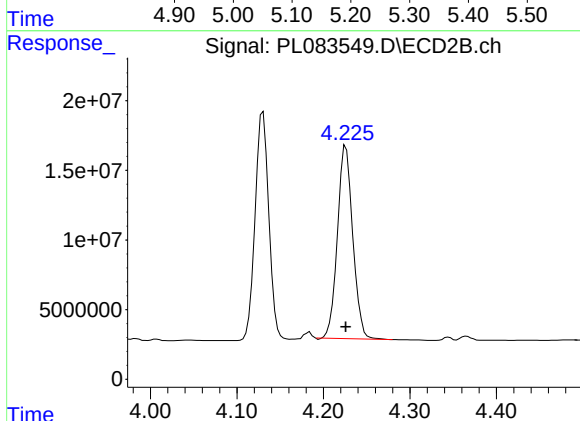
R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 165217512
Conc: 53.37 ng/ml



#5 Aldrin

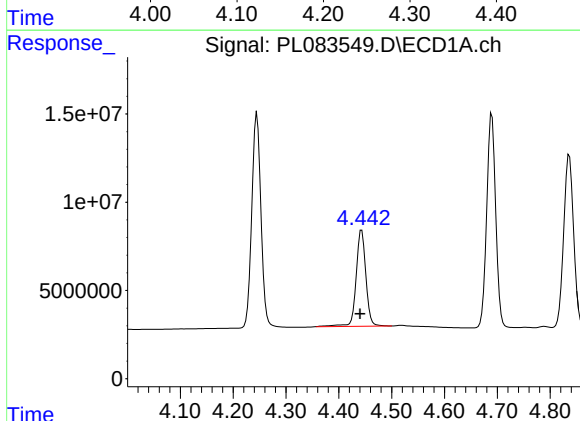
R.T.: 5.178 min
Delta R.T.: 0.002 min
Response: 129389296
Conc: 49.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



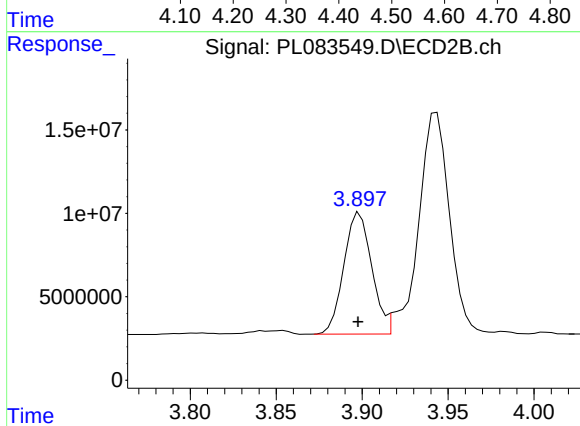
#5 Aldrin

R.T.: 4.226 min
Delta R.T.: 0.000 min
Response: 169351609
Conc: 56.25 ng/ml



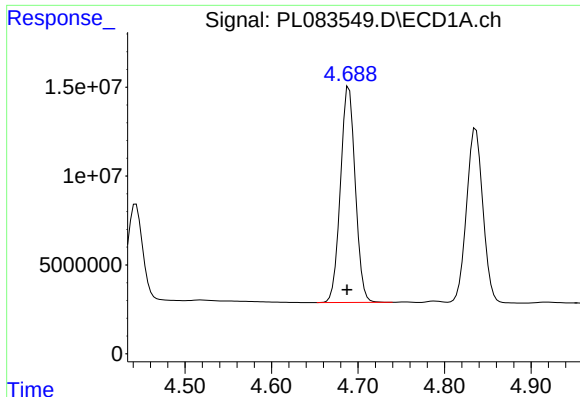
#6 beta-BHC

R.T.: 4.443 min
Delta R.T.: 0.003 min
Response: 69869139
Conc: 54.00 ng/ml



#6 beta-BHC

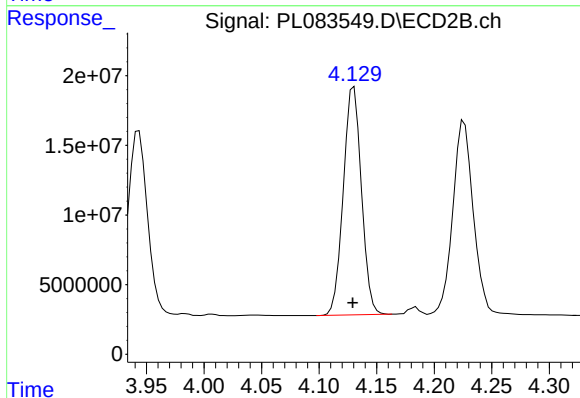
R.T.: 3.899 min
Delta R.T.: 0.000 min
Response: 82210464
Conc: 55.09 ng/ml



#7 delta-BHC

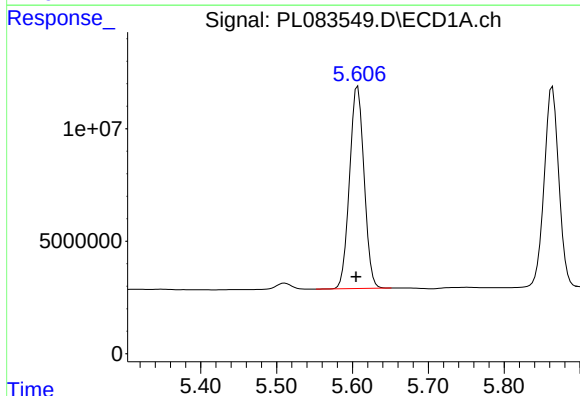
R.T.: 4.689 min
Delta R.T.: 0.002 min
Response: 143610098
Conc: 52.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



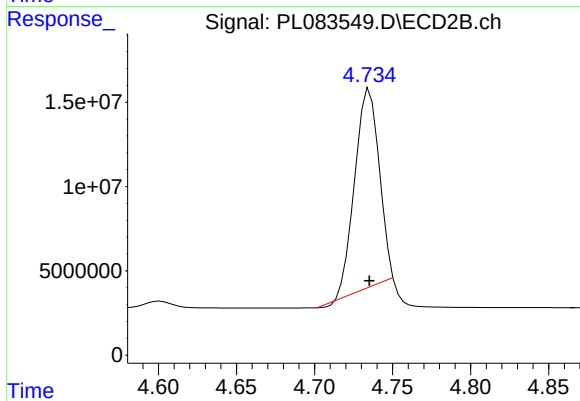
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: 0.001 min
Response: 180173802
Conc: 55.90 ng/ml



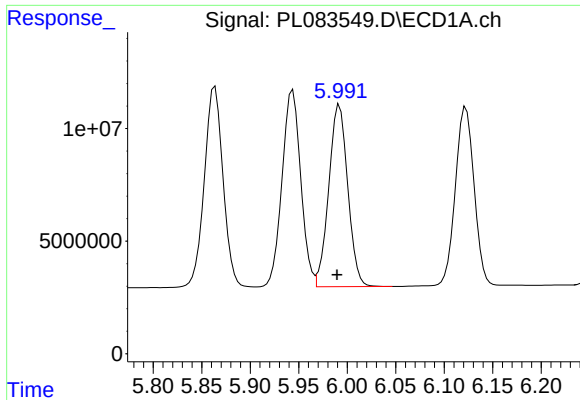
#8 Heptachlor epoxide

R.T.: 5.607 min
Delta R.T.: 0.002 min
Response: 119728670
Conc: 47.17 ng/ml



#8 Heptachlor epoxide

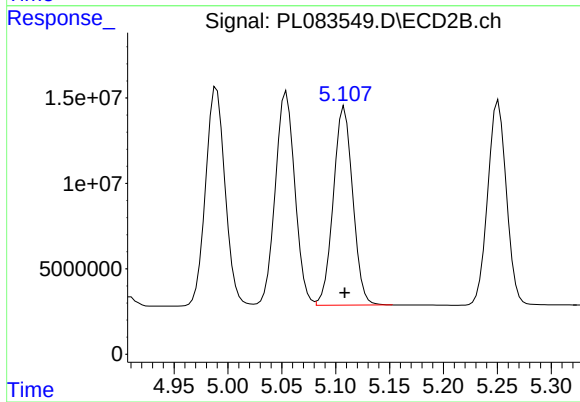
R.T.: 4.735 min
Delta R.T.: 0.000 min
Response: 128914103
Conc: 44.91 ng/ml



#9 Endosulfan I

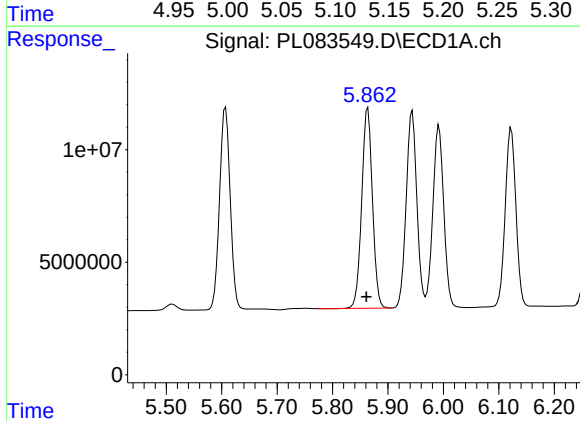
R.T.: 5.992 min
Delta R.T.: 0.003 min
Response: 110385692
Conc: 49.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



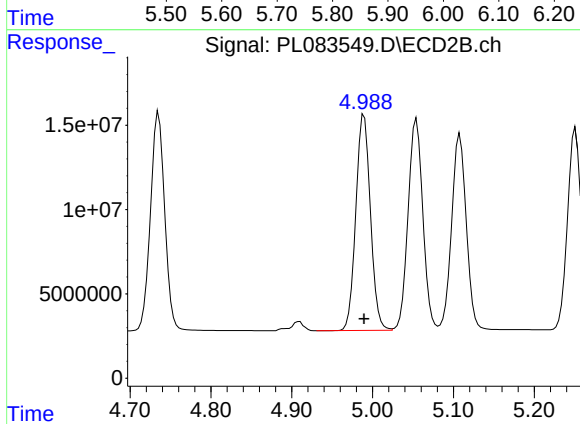
#9 Endosulfan I

R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 145453494
Conc: 53.97 ng/ml



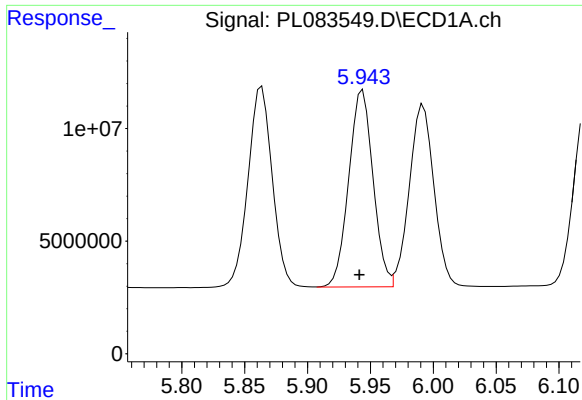
#10 gamma-Chlordane

R.T.: 5.864 min
Delta R.T.: 0.003 min
Response: 119550278
Conc: 49.70 ng/ml



#10 gamma-Chlordane

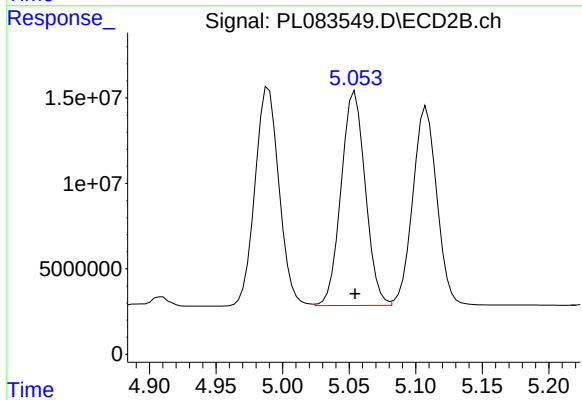
R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 160815411
Conc: 54.35 ng/ml



#11 alpha-Chlordane

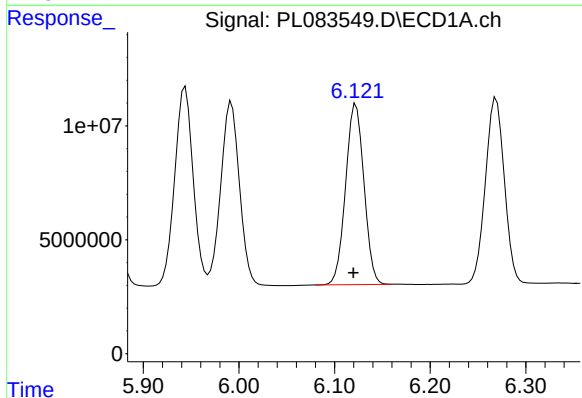
R.T.: 5.944 min
Delta R.T.: 0.003 min
Response: 117619954
Conc: 49.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



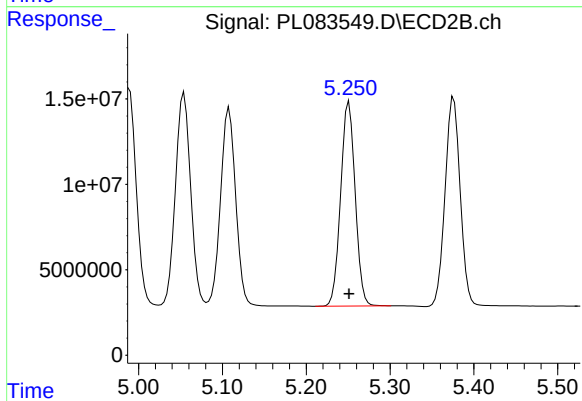
#11 alpha-Chlordane

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 158588575
Conc: 53.61 ng/ml



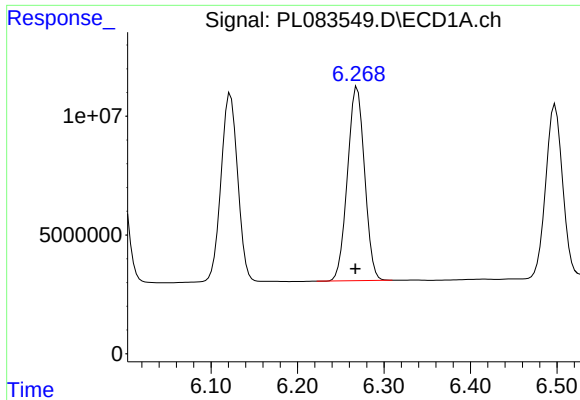
#12 4,4'-DDE

R.T.: 6.122 min
Delta R.T.: 0.002 min
Response: 106216940
Conc: 52.62 ng/ml



#12 4,4'-DDE

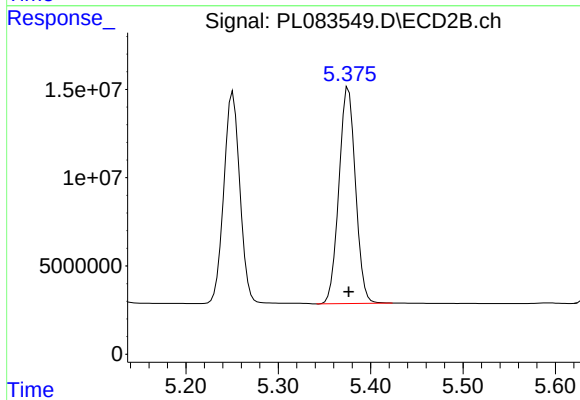
R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 144018990
Conc: 56.38 ng/ml



#13 Dieldrin

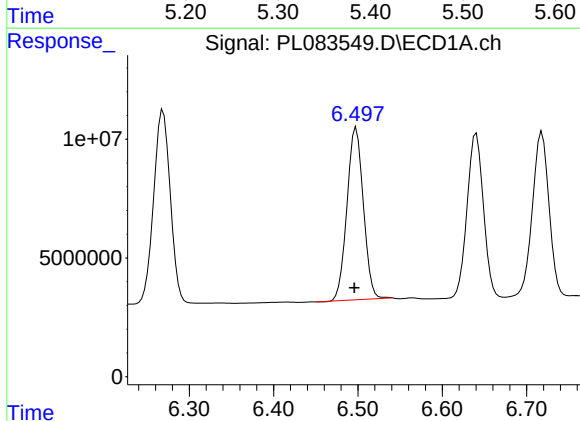
R.T.: 6.269 min
Delta R.T.: 0.002 min
Response: 111798539
Conc: 49.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



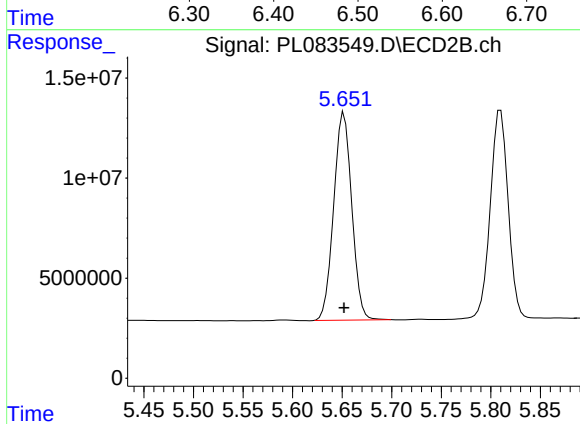
#13 Dieldrin

R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 152902124
Conc: 54.53 ng/ml



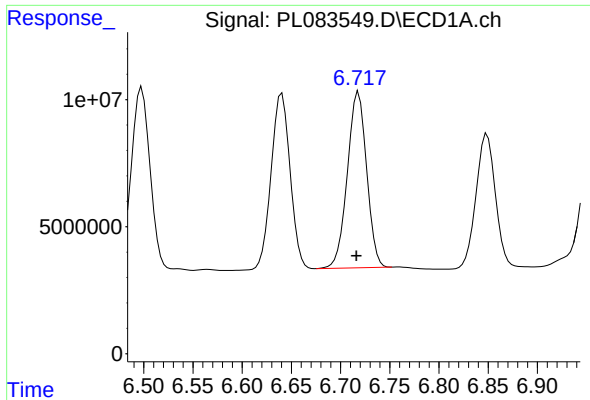
#14 Endrin

R.T.: 6.498 min
Delta R.T.: 0.002 min
Response: 97879802
Conc: 55.46 ng/ml



#14 Endrin

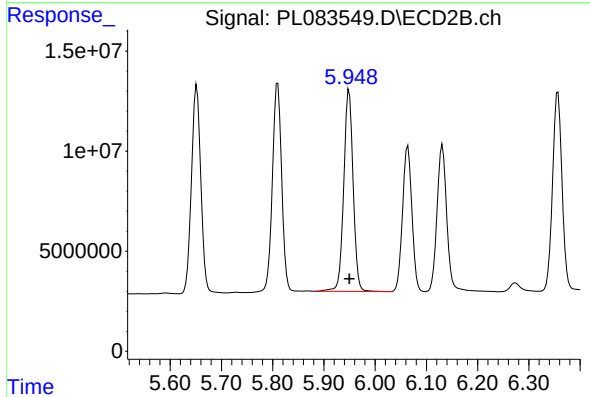
R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 131678145
Conc: 57.05 ng/ml



#15 Endosulfan II

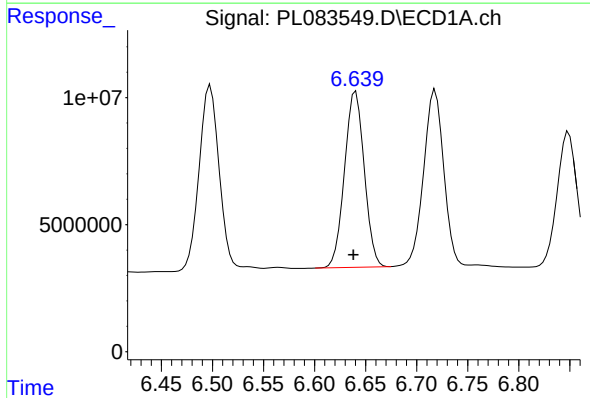
R.T.: 6.718 min
Delta R.T.: 0.002 min
Response: 94499745
Conc: 50.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



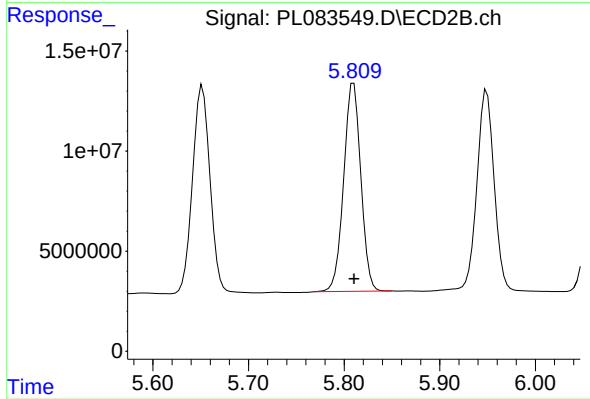
#15 Endosulfan II

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 127774821
Conc: 53.83 ng/ml



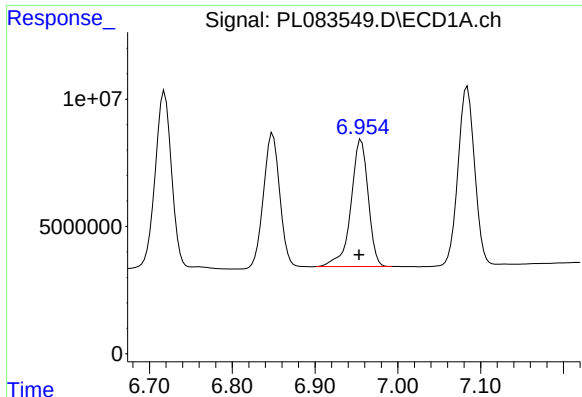
#16 4,4'-DDD

R.T.: 6.640 min
Delta R.T.: 0.002 min
Response: 93133849
Conc: 54.55 ng/ml



#16 4,4'-DDD

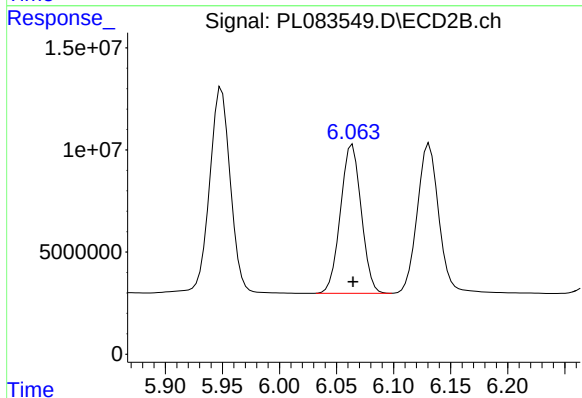
R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 130259320
Conc: 59.07 ng/ml



#17 4,4'-DDT

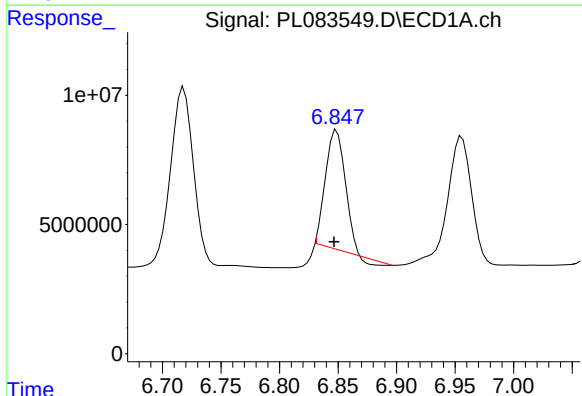
R.T.: 6.956 min
Delta R.T.: 0.002 min
Response: 72043863
Conc: 42.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



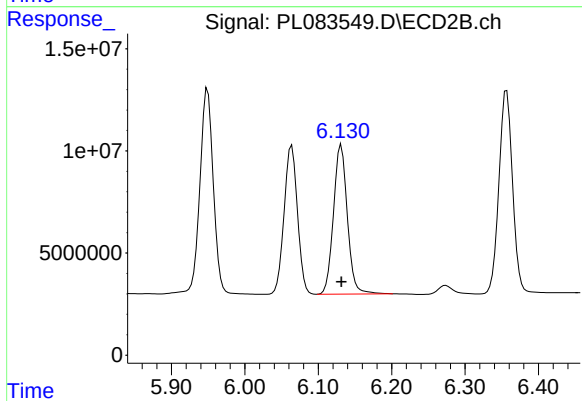
#17 4,4'-DDT

R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 92223735
Conc: 44.17 ng/ml



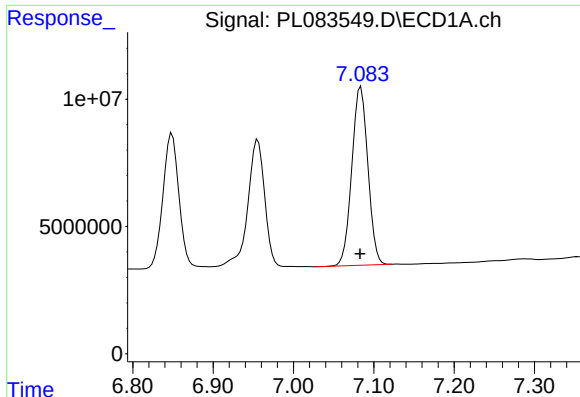
#18 Endrin aldehyde

R.T.: 6.849 min
Delta R.T.: 0.002 min
Response: 52505486
Conc: 35.42 ng/ml



#18 Endrin aldehyde

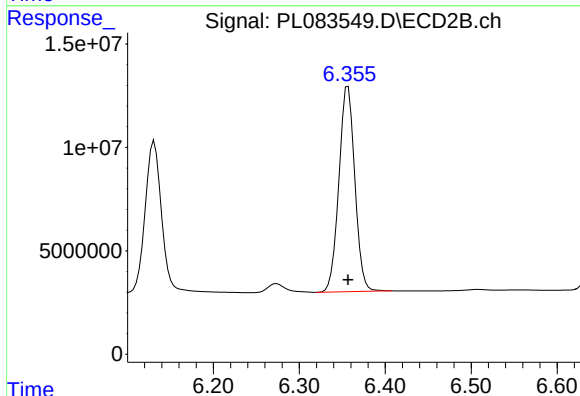
R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 96246129
Conc: 50.92 ng/ml



#19 Endosulfan Sulfate

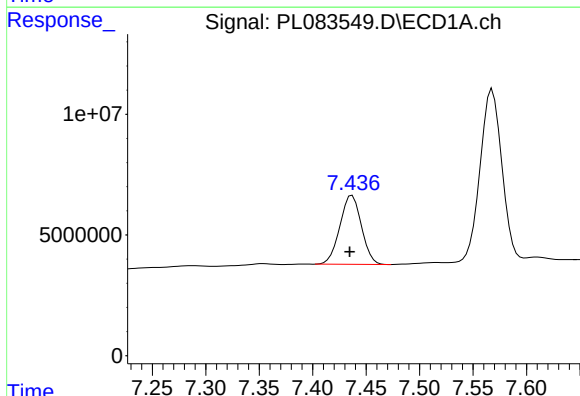
R.T.: 7.084 min
Delta R.T.: 0.001 min
Response: 97251642
Conc: 50.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



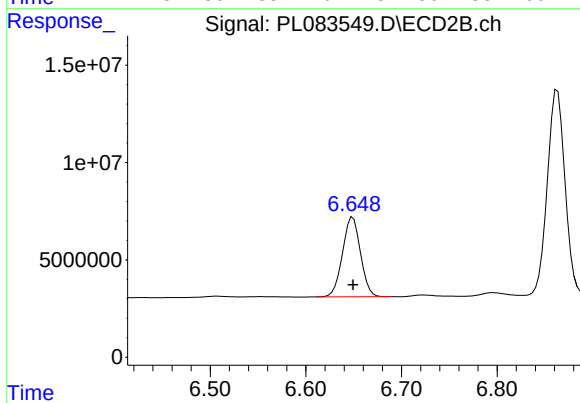
#19 Endosulfan Sulfate

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 127751924
Conc: 52.75 ng/ml



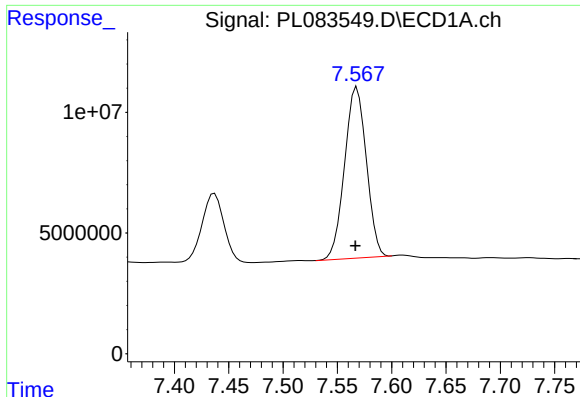
#20 Methoxychlor

R.T.: 7.437 min
Delta R.T.: 0.002 min
Response: 40097157
Conc: 44.21 ng/ml



#20 Methoxychlor

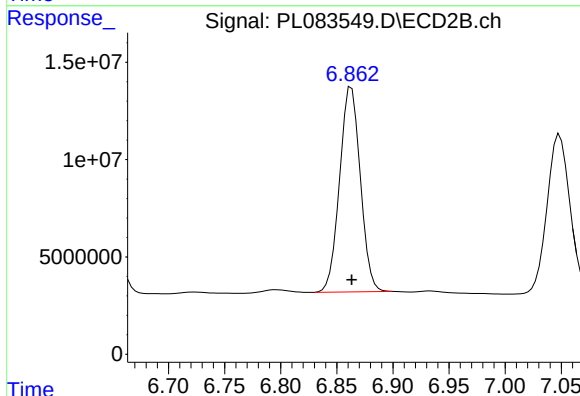
R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 53565420
Conc: 44.45 ng/ml



#21 Endrin ketone

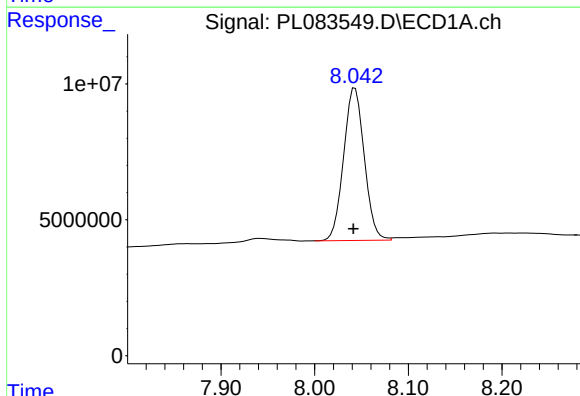
R.T.: 7.568 min
Delta R.T.: 0.001 min
Response: 98870975
Conc: 46.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



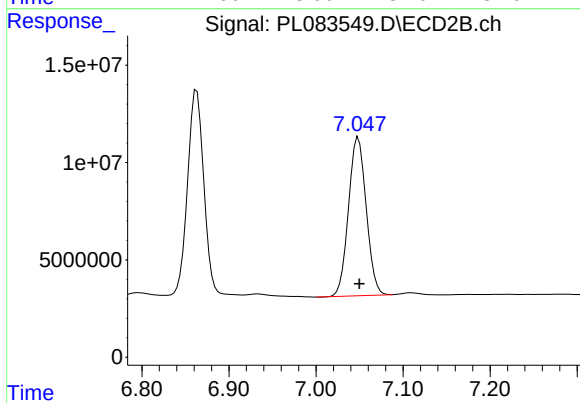
#21 Endrin ketone

R.T.: 6.863 min
Delta R.T.: 0.000 min
Response: 135288452
Conc: 48.12 ng/ml



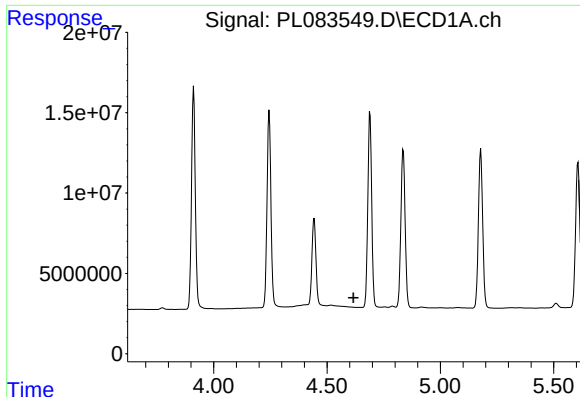
#22 Mirex

R.T.: 8.043 min
Delta R.T.: 0.002 min
Response: 86130997
Conc: 46.15 ng/ml



#22 Mirex

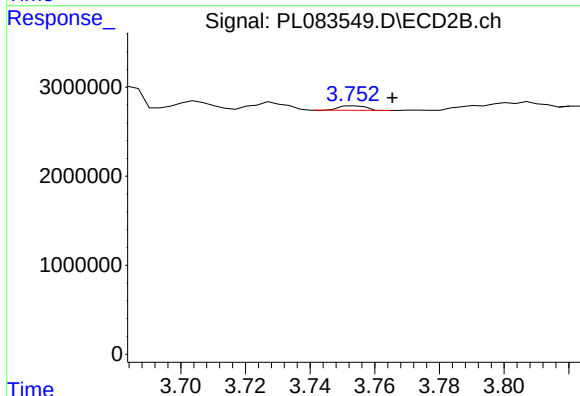
R.T.: 7.049 min
Delta R.T.: -0.001 min
Response: 114998374
Conc: 47.79 ng/ml



#23 Chlordane-1

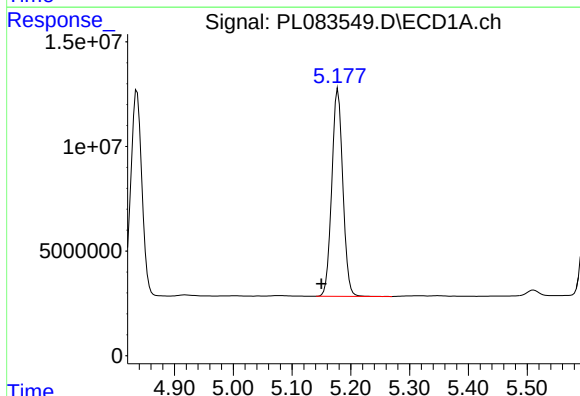
R.T.: 0.000 min
Exp R.T.: 4.617 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



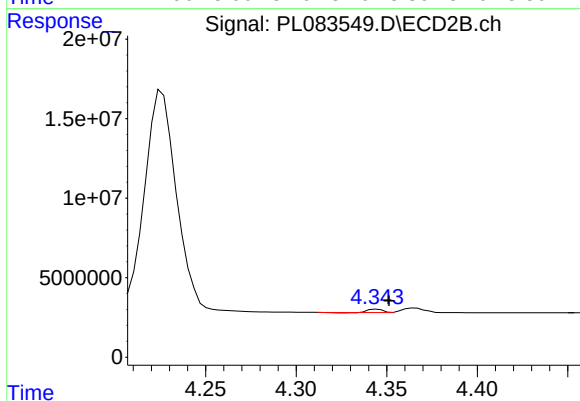
#23 Chlordane-1

R.T.: 3.754 min
Delta R.T.: -0.011 min
Response: 286813
Conc: 2.93 ng/ml



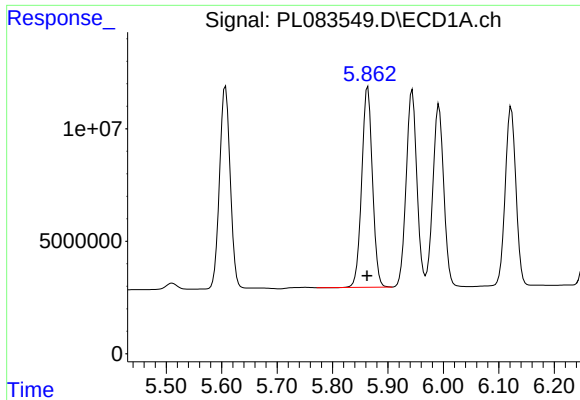
#24 Chlordane-2

R.T.: 5.178 min
Delta R.T.: 0.028 min
Response: 129389296
Conc: 1192.57 ng/ml



#24 Chlordane-2

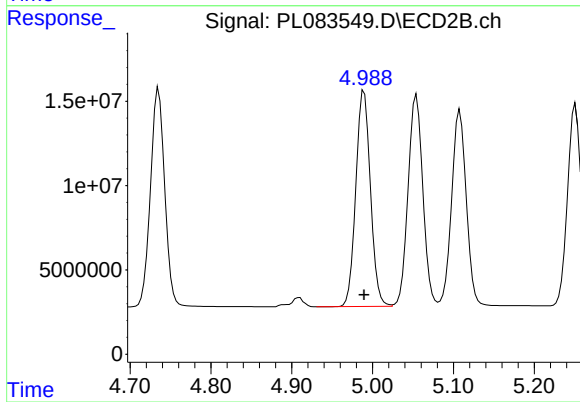
R.T.: 4.345 min
Delta R.T.: -0.007 min
Response: 1130392
Conc: 9.40 ng/ml



#25 Chlordane-3

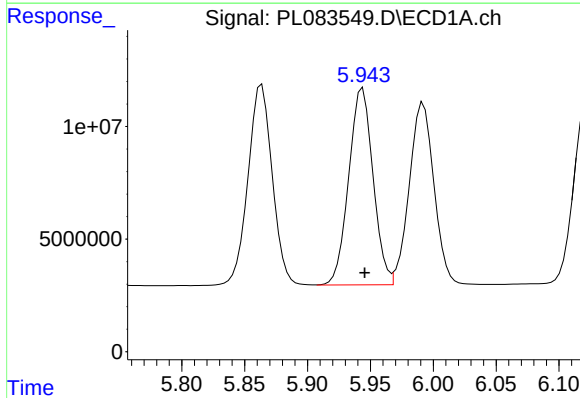
R.T.: 5.864 min
Delta R.T.: 0.001 min
Response: 119550278
Conc: 312.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



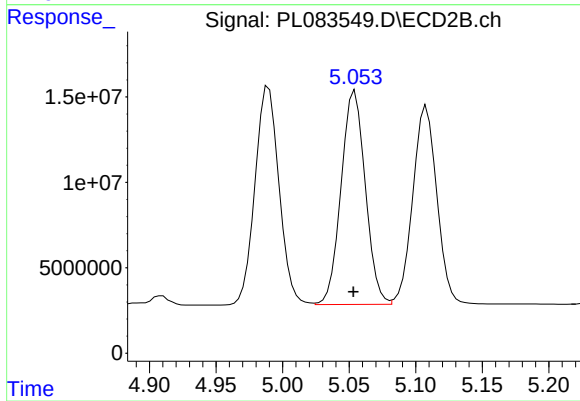
#25 Chlordane-3

R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 160815411
Conc: 490.81 ng/ml



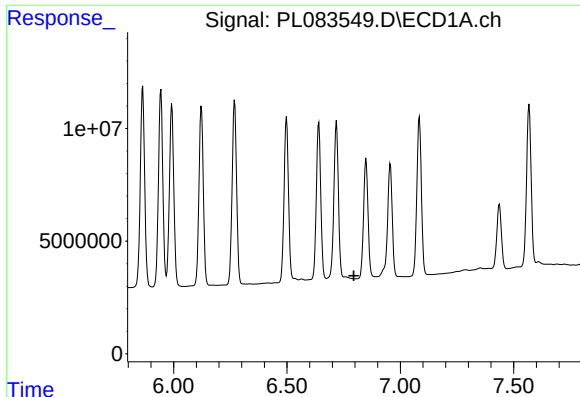
#26 Chlordane-4

R.T.: 5.944 min
Delta R.T.: -0.002 min
Response: 117619954
Conc: 254.36 ng/ml



#26 Chlordane-4

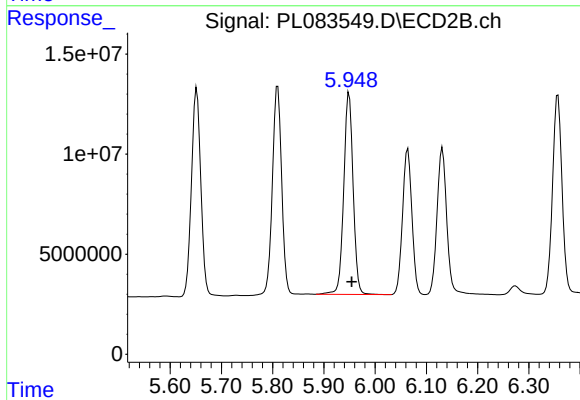
R.T.: 5.054 min
Delta R.T.: 0.001 min
Response: 158588575
Conc: 470.48 ng/ml



#27 Chlordane-5

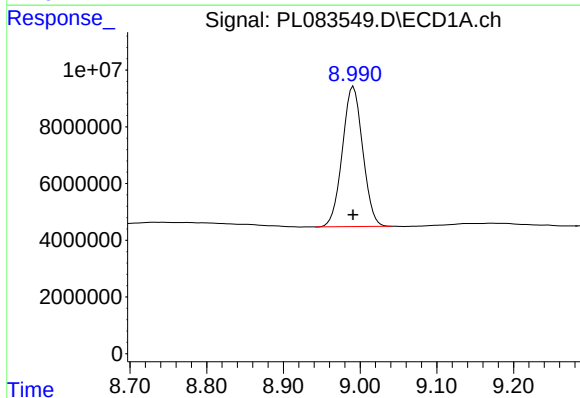
R.T.: 0.000 min
Exp R.T.: 6.795 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050



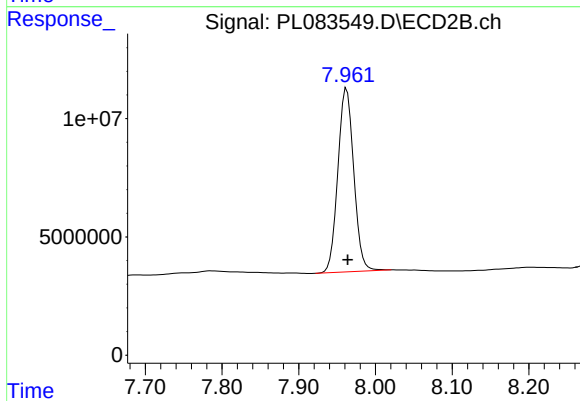
#27 Chlordane-5

R.T.: 5.949 min
Delta R.T.: -0.005 min
Response: 127774821
Conc: 1149.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.991 min
Delta R.T.: 0.000 min
Response: 91481423
Conc: 48.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.962 min
Delta R.T.: -0.002 min
Response: 112062959
Conc: 45.63 ng/ml