

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120318\
 Data File : PL042749.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Dec 2018 05:58
 Operator : AJ\SJ
 Sample : PB115278BSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

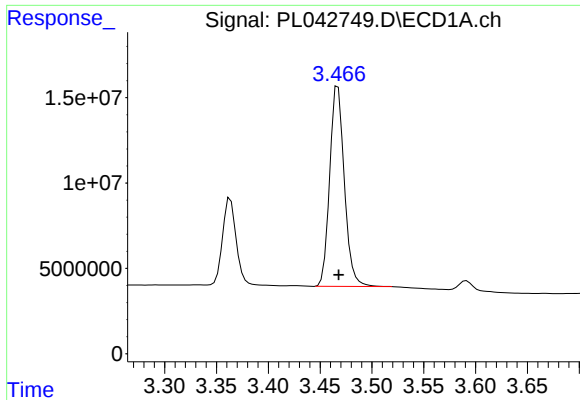
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 04 07:02:56 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112018.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 20 02:29:59 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.467	4.102	115.4E6	63700292	19.622	22.148
28)	SA Decachlor...	8.205	9.234	130.0E6	54187363	20.624	22.467
Target Compounds							
2)	A alpha-BHC	3.907	4.498	446.2E6	223.3E6	49.454	52.135
3)	MA gamma-BHC...	4.190	4.786	412.1E6	208.6E6	50.001	52.793
4)	MA Heptachlor	4.486	5.302	406.5E6	195.0E6	46.715	49.707
5)	MB Aldrin	4.732	5.611	412.0E6	206.6E6	50.750	53.794
6)	B beta-BHC	4.444	4.956	172.6E6	85690064	48.727	54.312
7)	B delta-BHC	4.646	5.176	321.6E6	168.8E6	41.998	45.875
8)	B Heptachlo...	5.175	5.999	383.1E6	187.1E6	50.546	52.192
9)	A Endosulfan I	5.513	6.359	349.5E6	171.9E6	50.509	54.432
10)	B gamma-Chl...	5.401	6.234	384.9E6	184.2E6	50.478	54.117
11)	B alpha-Chl...	5.458	6.308	374.8E6	180.9E6	49.926	54.088
12)	B 4,4'-DDE	5.625	6.462	342.5E6	183.2E6	52.329	55.039
13)	MA Dieldrin	5.755	6.617	377.6E6	185.4E6	51.328	55.712
14)	MA Endrin	6.011	6.838	330.7E6	150.0E6	50.557	54.445
15)	B Endosulfa...	6.287	7.046	313.9E6	156.6E6	50.217	56.704
16)	A 4,4'-DDD	6.140	6.954	285.9E6	154.6E6	53.992	58.719
17)	MA 4,4'-DDT	6.379	7.254	262.3E6	134.7E6	47.111	50.995
18)	B Endrin al...	6.455	7.170	266.3E6	129.6E6	51.228	56.529
19)	B Endosulfa...	6.668	7.393	293.9E6	146.7E6	47.108	52.754
20)	A Methoxychlor	6.925	7.711	141.5E6	67093891	44.868	49.209
21)	B Endrin ke...	7.157	7.868	361.7E6	159.7E6	52.239	57.795
23)	Chlordane-1	4.398	5.176	3385738	168.8E6	12.246	1270.020 #
24)	Chlordane-2	0.000	5.611	0	206.6E6	N.D.	1481.517 #
25)	Chlordane-3	5.401	6.234	384.9E6	184.2E6	439.058	392.048
26)	Chlordane-4	5.458	6.308	374.8E6	180.9E6	493.842	330.547 #
27)	Chlordane-5	6.287	7.170	313.9E6	129.6E6	1053.396	1347.245 #

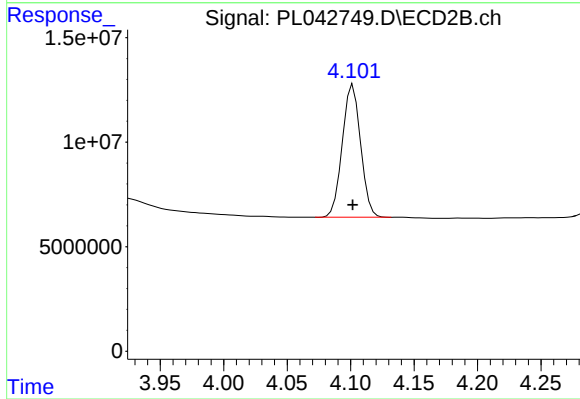
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

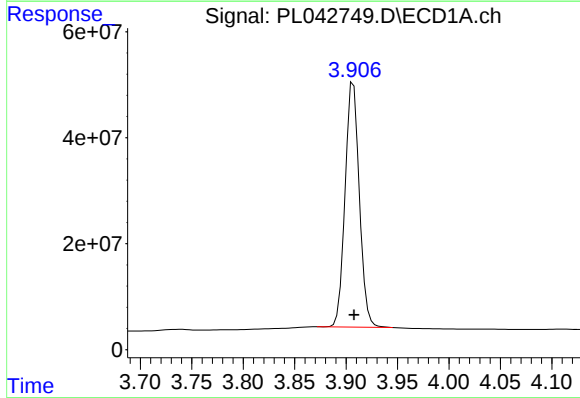
R.T.: 3.467 min
Delta R.T.: 0.000 min
Response: 115448023
Conc: 19.62 ng/ml

Instrument :
ECD_L
ClientSampleId :



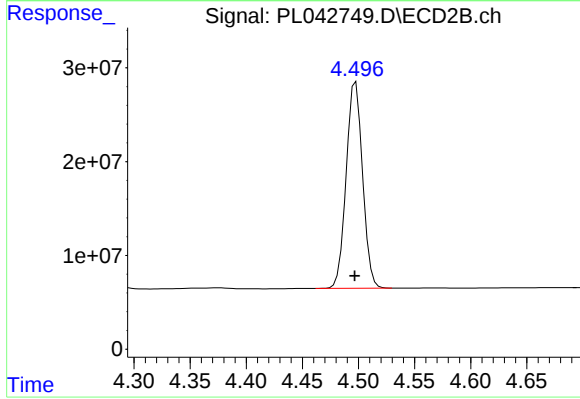
#1 Tetrachloro-m-xylene

R.T.: 4.102 min
Delta R.T.: 0.000 min
Response: 63700292
Conc: 22.15 ng/ml



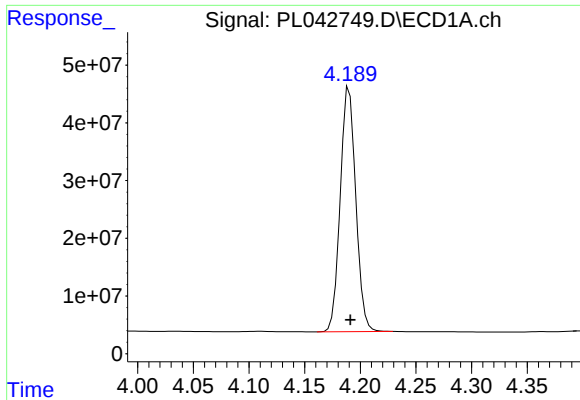
#2 alpha-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 446235020
Conc: 49.45 ng/ml



#2 alpha-BHC

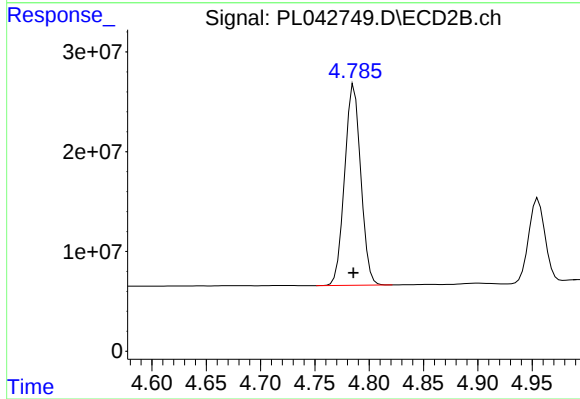
R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 223270697
Conc: 52.14 ng/ml



#3 gamma-BHC (Lindane)

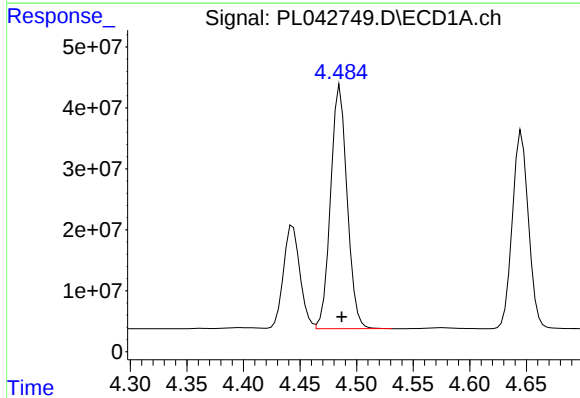
R.T.: 4.190 min
Delta R.T.: -0.001 min
Response: 412103765
Conc: 50.00 ng/ml

Instrument :
ECD_L
ClientSampleId :



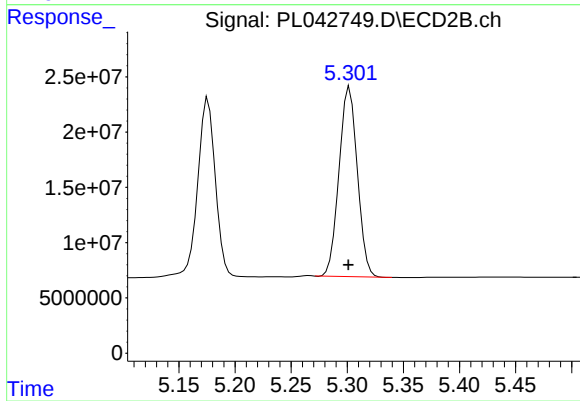
#3 gamma-BHC (Lindane)

R.T.: 4.786 min
Delta R.T.: 0.000 min
Response: 208617960
Conc: 52.79 ng/ml



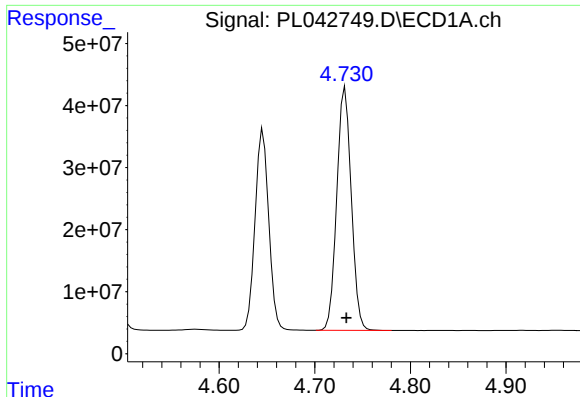
#4 Heptachlor

R.T.: 4.486 min
Delta R.T.: -0.001 min
Response: 406486833
Conc: 46.72 ng/ml



#4 Heptachlor

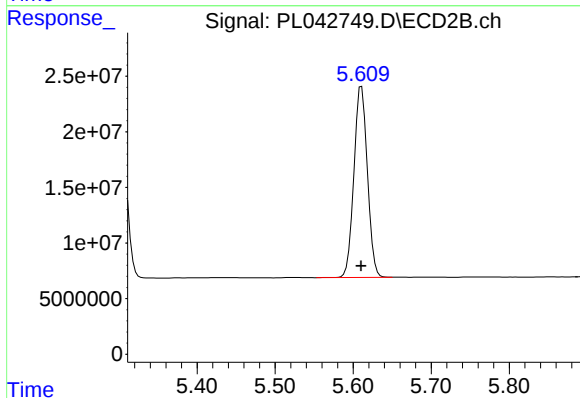
R.T.: 5.302 min
Delta R.T.: 0.001 min
Response: 194991753
Conc: 49.71 ng/ml



#5 Aldrin

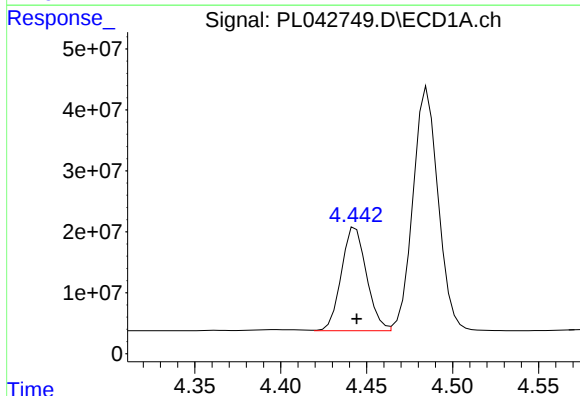
R.T.: 4.732 min
Delta R.T.: -0.001 min
Response: 412033907
Conc: 50.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



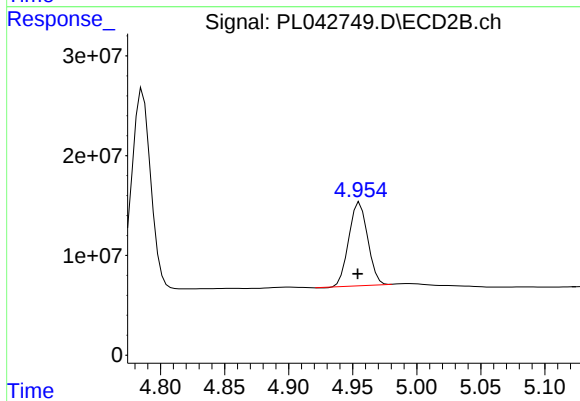
#5 Aldrin

R.T.: 5.611 min
Delta R.T.: 0.000 min
Response: 206588710
Conc: 53.79 ng/ml



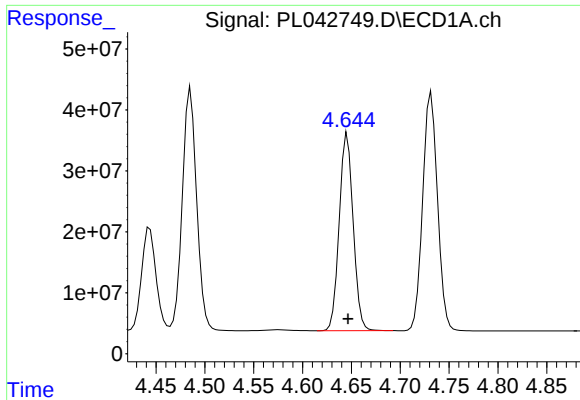
#6 beta-BHC

R.T.: 4.444 min
Delta R.T.: 0.000 min
Response: 172629261
Conc: 48.73 ng/ml



#6 beta-BHC

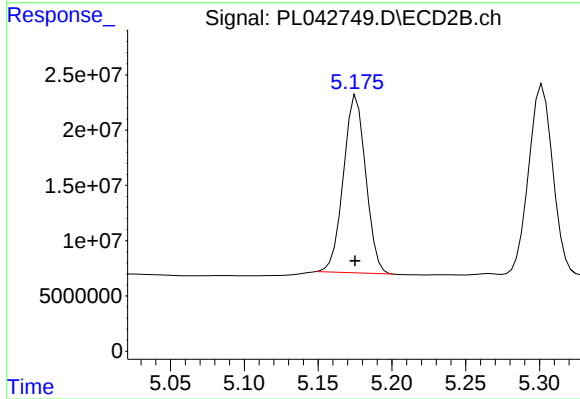
R.T.: 4.956 min
Delta R.T.: 0.002 min
Response: 85690064
Conc: 54.31 ng/ml



#7 delta-BHC

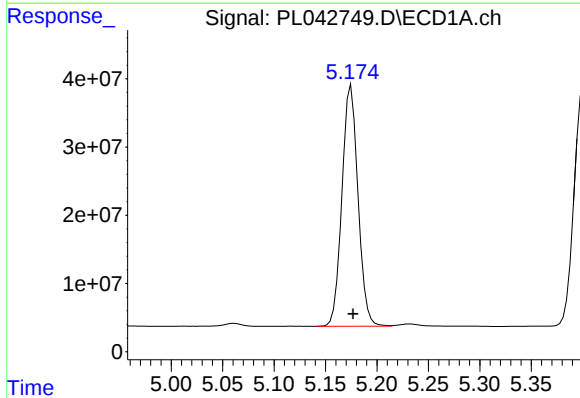
R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 321615634
Conc: 42.00 ng/ml

Instrument :
ECD_L
ClientSampleId :



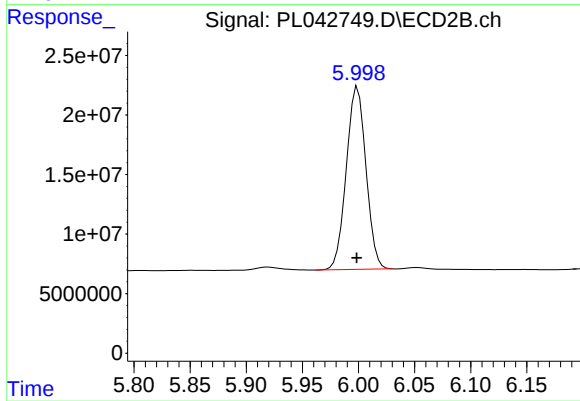
#7 delta-BHC

R.T.: 5.176 min
Delta R.T.: 0.001 min
Response: 168826807
Conc: 45.88 ng/ml



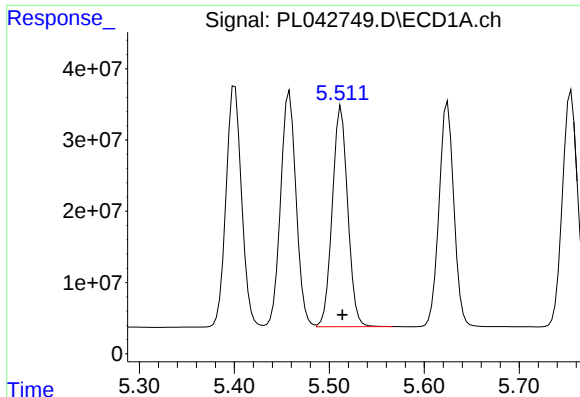
#8 Heptachlor epoxide

R.T.: 5.175 min
Delta R.T.: -0.002 min
Response: 383118315
Conc: 50.55 ng/ml



#8 Heptachlor epoxide

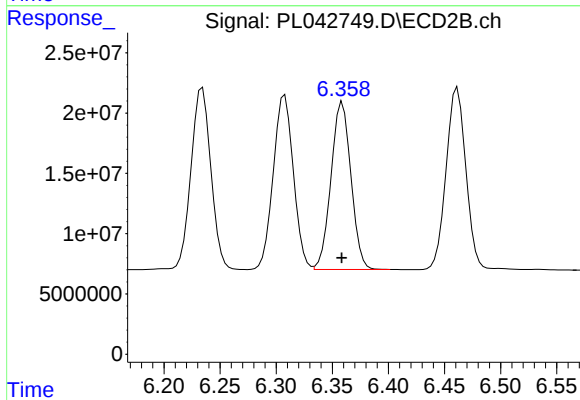
R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 187138933
Conc: 52.19 ng/ml



#9 Endosulfan I

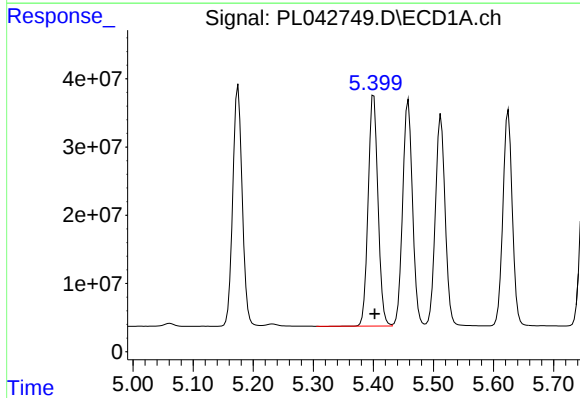
R.T.: 5.513 min
Delta R.T.: -0.001 min
Response: 349537083
Conc: 50.51 ng/ml

Instrument :
ECD_L
ClientSampleId :



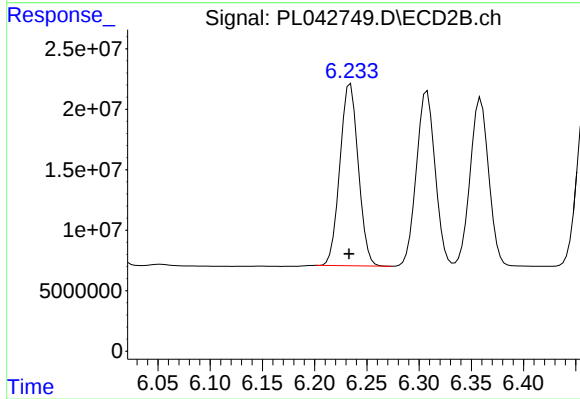
#9 Endosulfan I

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 171896549
Conc: 54.43 ng/ml



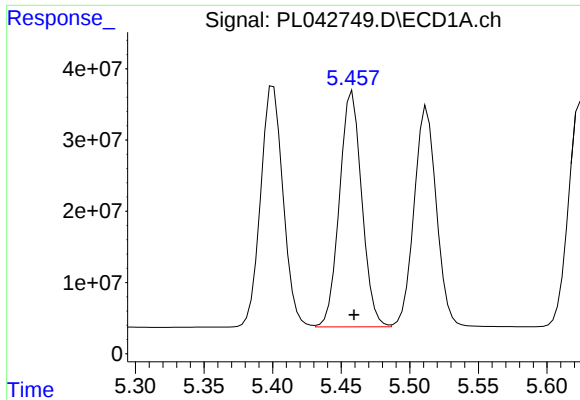
#10 gamma-Chlordane

R.T.: 5.401 min
Delta R.T.: -0.002 min
Response: 384873451
Conc: 50.48 ng/ml



#10 gamma-Chlordane

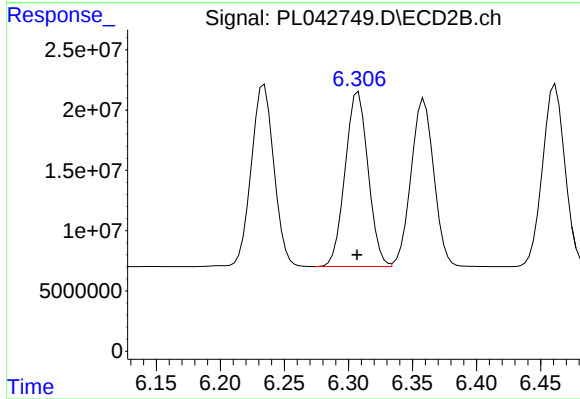
R.T.: 6.234 min
Delta R.T.: 0.001 min
Response: 184233450
Conc: 54.12 ng/ml



#11 alpha-Chlordane

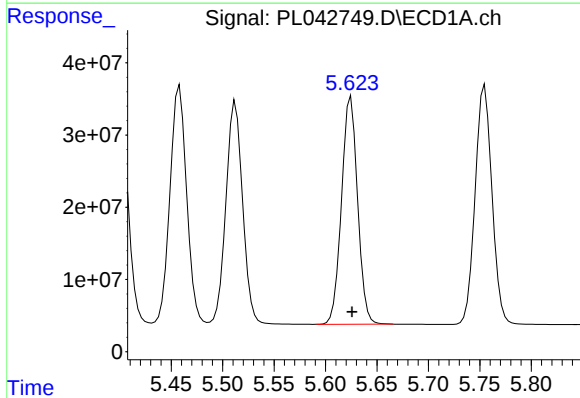
R.T.: 5.458 min
Delta R.T.: -0.001 min
Response: 374786650
Conc: 49.93 ng/ml

Instrument :
ECD_L
ClientSampleId :



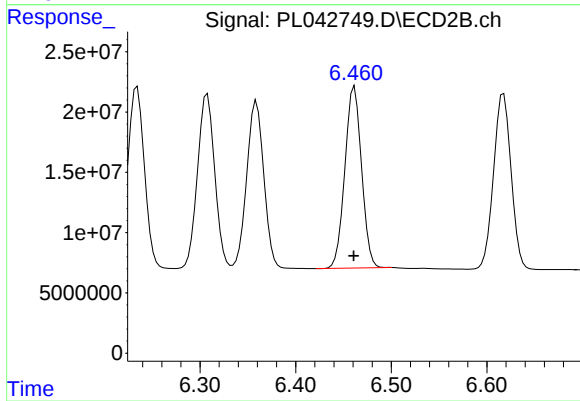
#11 alpha-Chlordane

R.T.: 6.308 min
Delta R.T.: 0.001 min
Response: 180860710
Conc: 54.09 ng/ml



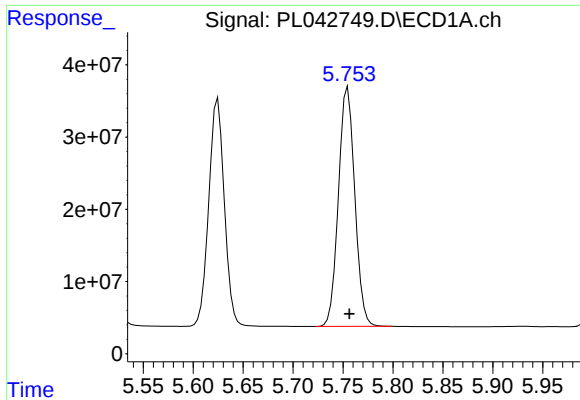
#12 4,4'-DDE

R.T.: 5.625 min
Delta R.T.: -0.001 min
Response: 342501546
Conc: 52.33 ng/ml



#12 4,4'-DDE

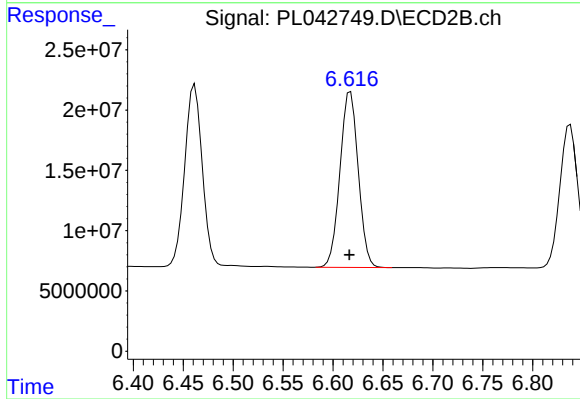
R.T.: 6.462 min
Delta R.T.: 0.000 min
Response: 183177048
Conc: 55.04 ng/ml



#13 Dieldrin

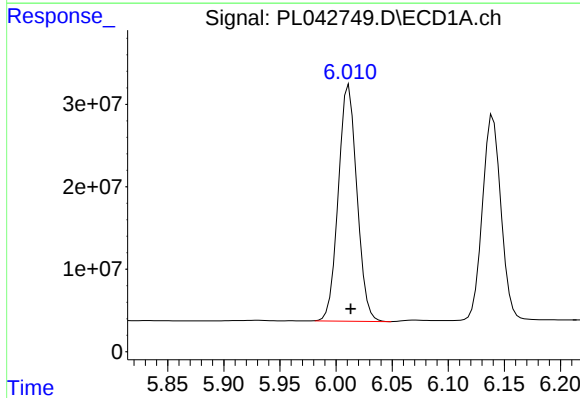
R.T.: 5.755 min
Delta R.T.: -0.002 min
Response: 377607331
Conc: 51.33 ng/ml

Instrument :
ECD_L
ClientSampleId :



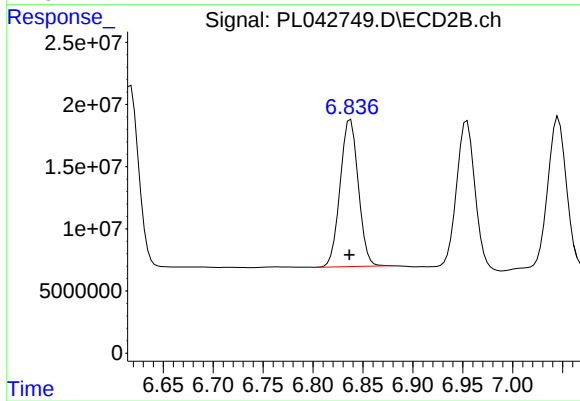
#13 Dieldrin

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 185441300
Conc: 55.71 ng/ml



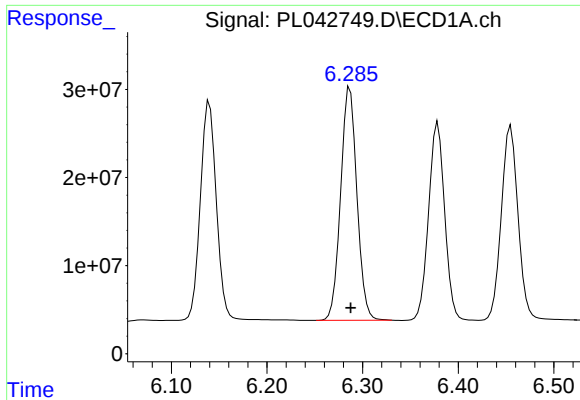
#14 Endrin

R.T.: 6.011 min
Delta R.T.: -0.002 min
Response: 330657315
Conc: 50.56 ng/ml



#14 Endrin

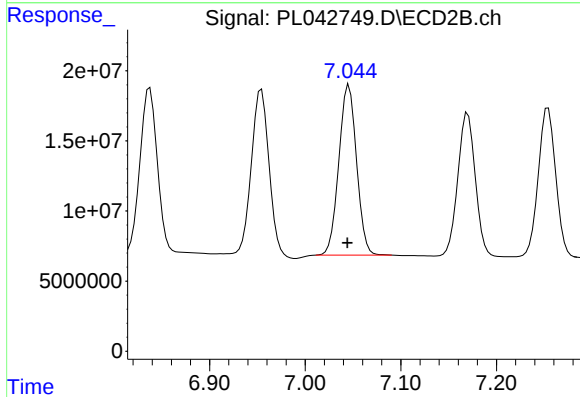
R.T.: 6.838 min
Delta R.T.: 0.001 min
Response: 149970085
Conc: 54.44 ng/ml



#15 Endosulfan II

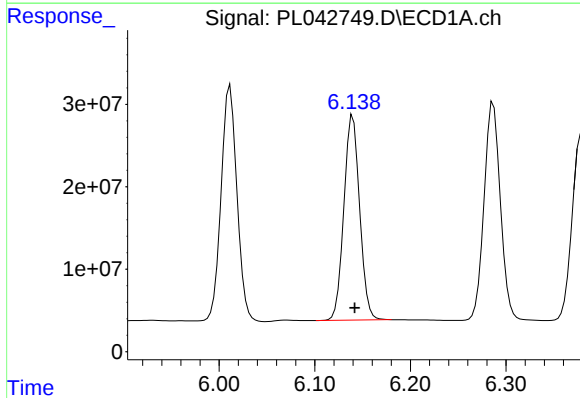
R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 313882713
Conc: 50.22 ng/ml

Instrument :
ECD_L
ClientSampleId :



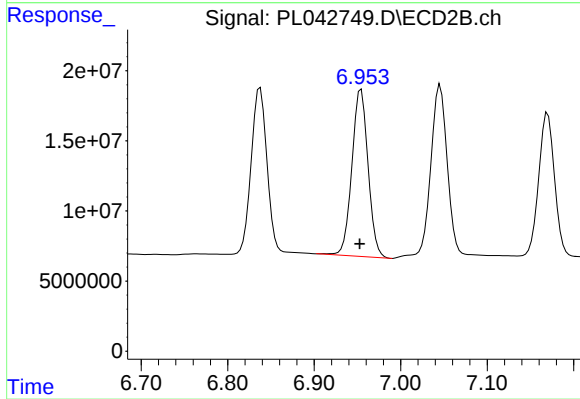
#15 Endosulfan II

R.T.: 7.046 min
Delta R.T.: 0.001 min
Response: 156599752
Conc: 56.70 ng/ml



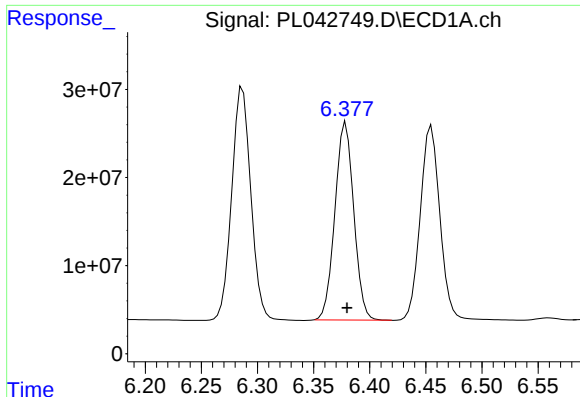
#16 4,4'-DDD

R.T.: 6.140 min
Delta R.T.: -0.002 min
Response: 285877794
Conc: 53.99 ng/ml



#16 4,4'-DDD

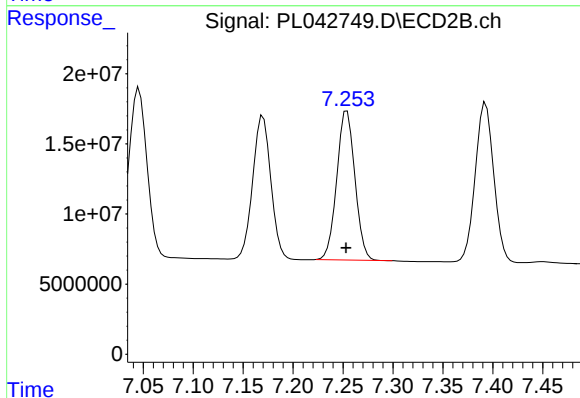
R.T.: 6.954 min
Delta R.T.: 0.002 min
Response: 154556365
Conc: 58.72 ng/ml



#17 4,4'-DDT

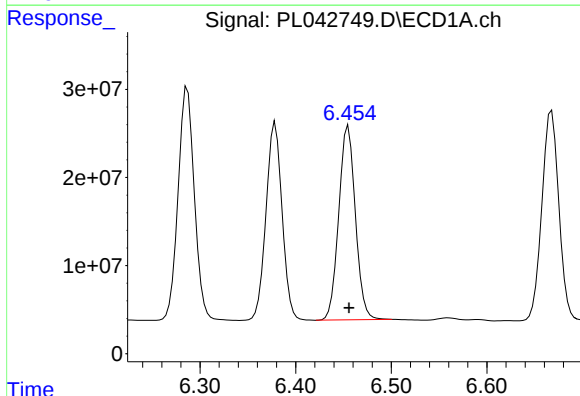
R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 262259705
Conc: 47.11 ng/ml

Instrument :
ECD_L
ClientSampleId :



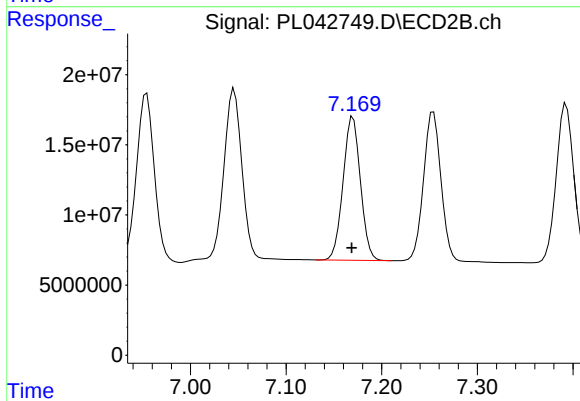
#17 4,4'-DDT

R.T.: 7.254 min
Delta R.T.: 0.001 min
Response: 134655660
Conc: 50.99 ng/ml



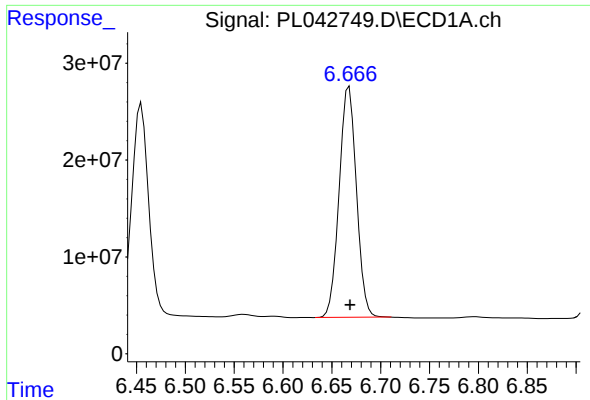
#18 Endrin aldehyde

R.T.: 6.455 min
Delta R.T.: 0.000 min
Response: 266318099
Conc: 51.23 ng/ml



#18 Endrin aldehyde

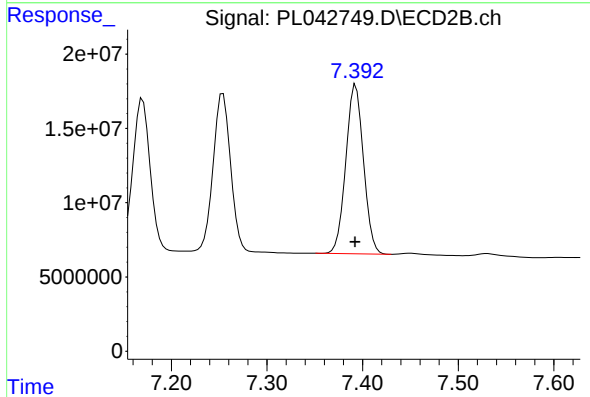
R.T.: 7.170 min
Delta R.T.: 0.001 min
Response: 129598844
Conc: 56.53 ng/ml



#19 Endosulfan Sulfate

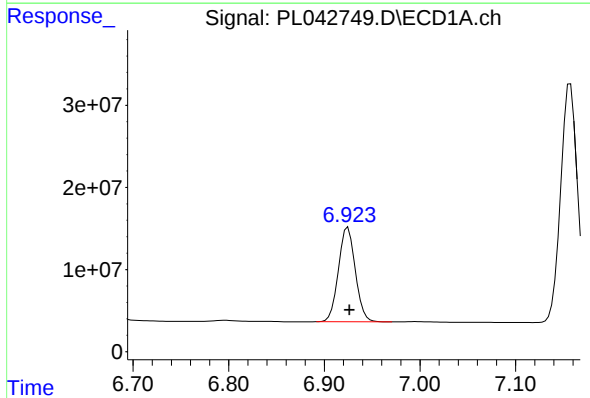
R.T.: 6.668 min
Delta R.T.: -0.001 min
Response: 293922477
Conc: 47.11 ng/ml

Instrument :
ECD_L
ClientSampleId :



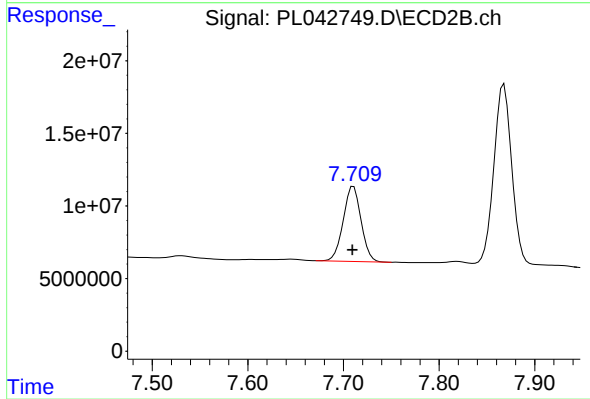
#19 Endosulfan Sulfate

R.T.: 7.393 min
Delta R.T.: 0.000 min
Response: 146711460
Conc: 52.75 ng/ml



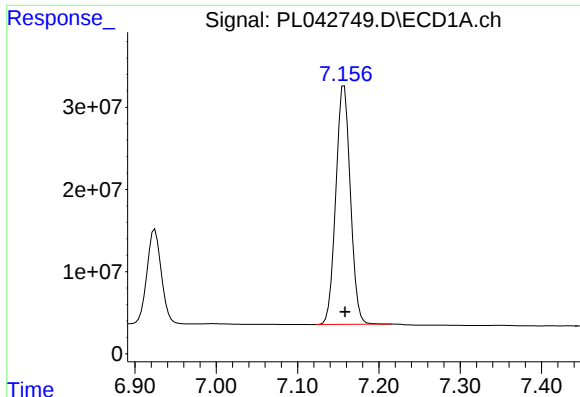
#20 Methoxychlor

R.T.: 6.925 min
Delta R.T.: -0.001 min
Response: 141505004
Conc: 44.87 ng/ml



#20 Methoxychlor

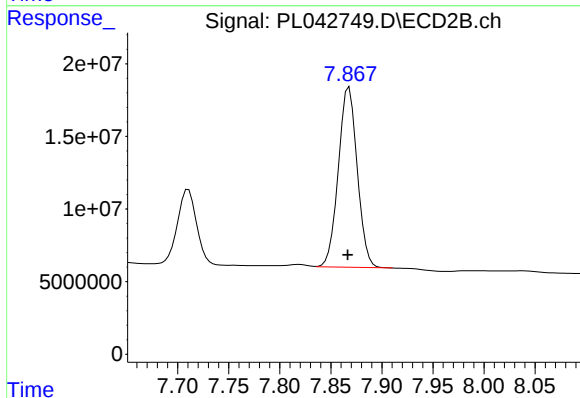
R.T.: 7.711 min
Delta R.T.: 0.001 min
Response: 67093891
Conc: 49.21 ng/ml



#21 Endrin ketone

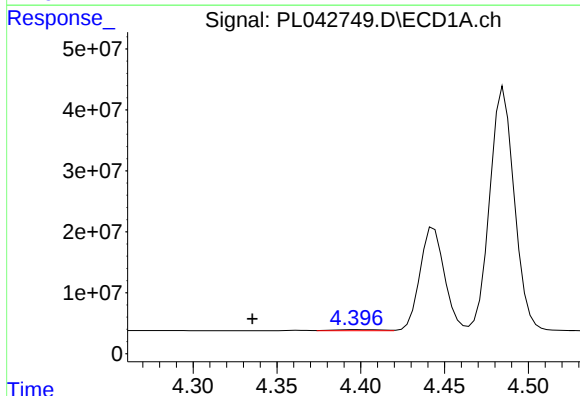
R.T.: 7.157 min
Delta R.T.: -0.001 min
Response: 361722931
Conc: 52.24 ng/ml

Instrument :
ECD_L
ClientSampleId :



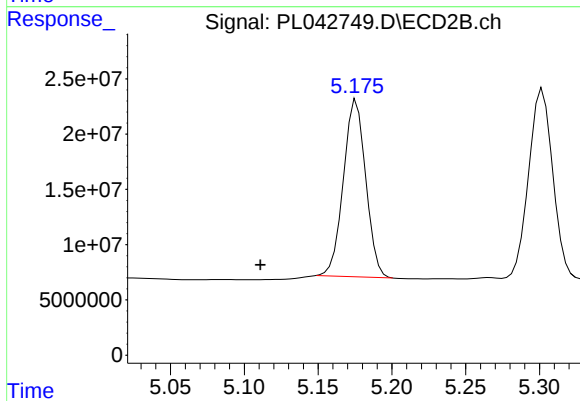
#21 Endrin ketone

R.T.: 7.868 min
Delta R.T.: 0.001 min
Response: 159744483
Conc: 57.80 ng/ml



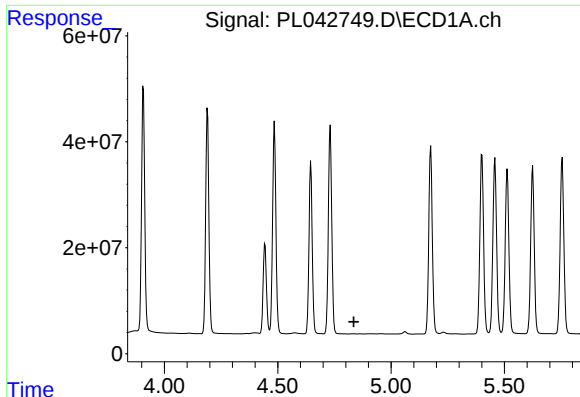
#23 Chlordane-1

R.T.: 4.398 min
Delta R.T.: 0.063 min
Response: 3385738
Conc: 12.25 ng/ml



#23 Chlordane-1

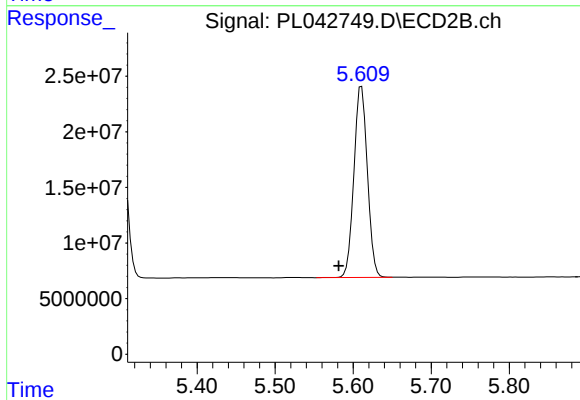
R.T.: 5.176 min
Delta R.T.: 0.065 min
Response: 168826807
Conc: 1270.02 ng/ml



#24 Chlordane-2

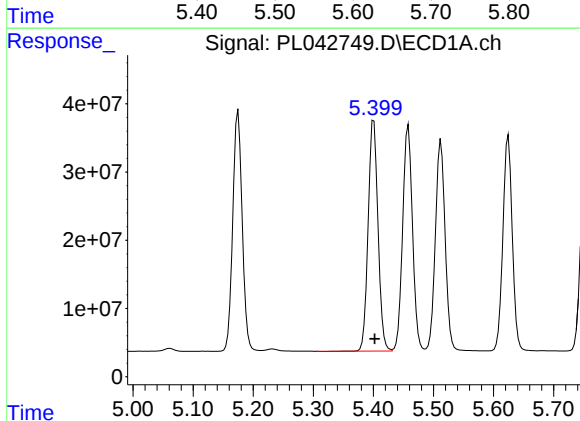
R.T.: 0.000 min
Exp R.T.: 4.835 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



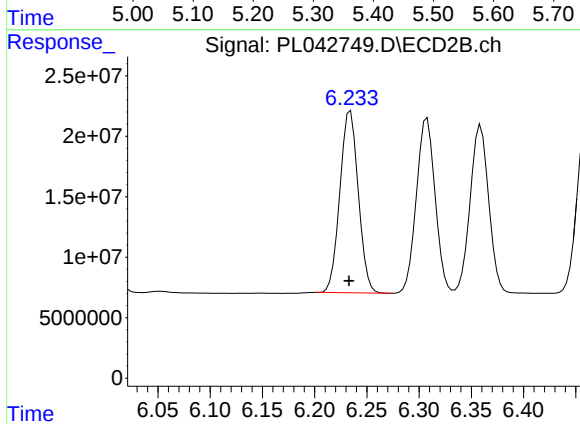
#24 Chlordane-2

R.T.: 5.611 min
Delta R.T.: 0.029 min
Response: 206588710
Conc: 1481.52 ng/ml



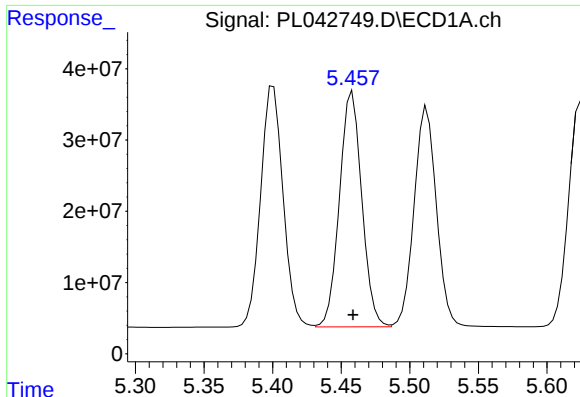
#25 Chlordane-3

R.T.: 5.401 min
Delta R.T.: -0.002 min
Response: 384873451
Conc: 439.06 ng/ml



#25 Chlordane-3

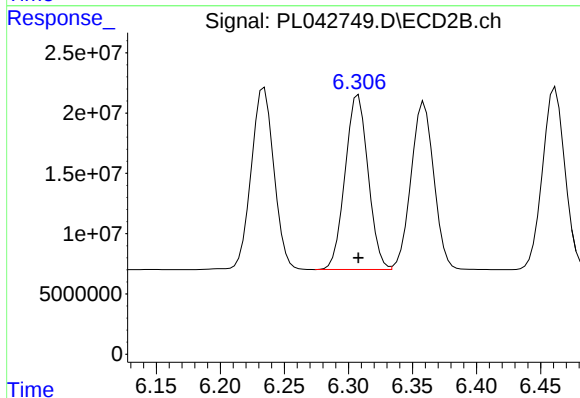
R.T.: 6.234 min
Delta R.T.: 0.002 min
Response: 184233450
Conc: 392.05 ng/ml



#26 Chlordane-4

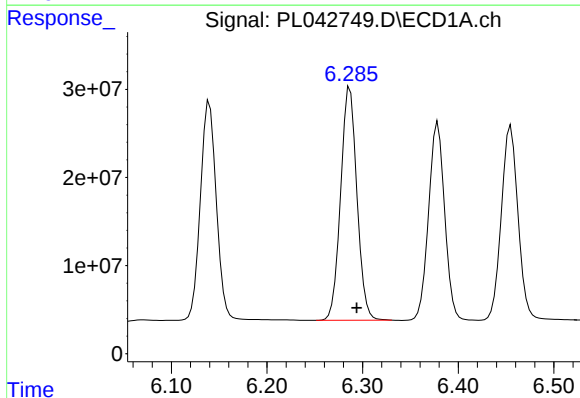
R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 374786650
Conc: 493.84 ng/ml

Instrument :
ECD_L
ClientSampleId :



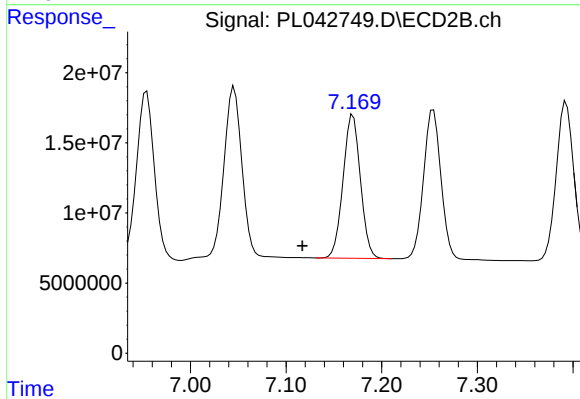
#26 Chlordane-4

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 180860710
Conc: 330.55 ng/ml



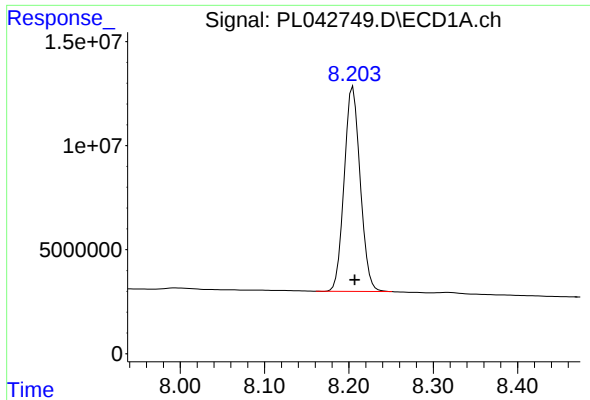
#27 Chlordane-5

R.T.: 6.287 min
Delta R.T.: -0.007 min
Response: 313882713
Conc: 1053.40 ng/ml



#27 Chlordane-5

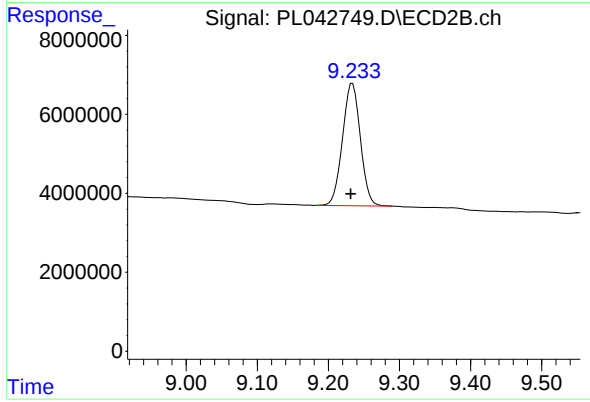
R.T.: 7.170 min
Delta R.T.: 0.053 min
Response: 129598844
Conc: 1347.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.205 min
Delta R.T.: -0.002 min
Response: 129973923
Conc: 20.62 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.234 min
Delta R.T.: 0.002 min
Response: 54187363
Conc: 22.47 ng/ml