Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031519\
Data File : PL046028.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Mar 2019 02:25
Operator : AJ\SJ
Sample : K1897-04MSD
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 16 05:41:31 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
Quant Title : GC Extractables
QLast Update : Wed Feb 27 17:00:03 2019
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...	3.362	3.981	127.3E6	39323186	18.508	18.362
28)	SA	Decachlor...	8.046	9.040	156.1E6	44489396	18.650	19.471
		Target Compounds						
2)	A	alpha-BHC	3.793	4.371	625.1E6	168.3E6	56.283	55.382
3)	MA	gamma-BHC...	4.070	4.656	581.3E6	155.4E6	57.511	55.021
4)	MA	Heptachlor	4.358	5.163	592.6E6	161.0E6	56.158	54.111
5)	MB	Aldrin	4.598	5.467	559.1E6	148.2E6	57.483	54.860
6)	B	beta-BHC	4.323	4.828	235.3E6	69508839	54.898	54.733
7)	B	delta-BHC	4.519	5.044	561.3E6	122.9E6	58.732	57.143
8)	B	Heptachlo...	5.036	5.853	528.8E6	128.0E6	56.656	53.307
9)	A	Endosulfan I	5.368	6.210	502.3E6	134.8E6	56.201	54.140
10)	B	gamma-Chl...	5.260	6.088	547.5E6	145.0E6	55.939	54.059
11)	B	alpha-Chl...	5.316	6.160	538.4E6	145.1E6	55.525	53.771
12)	B	4,4'-DDE	5.483	6.318	504.8E6	130.2E6	57.509	55.750
13)	MA	Dieldrin	5.608	6.467	559.3E6	144.4E6	58.521	56.176
14)	MA	Endrin	5.862	6.685	491.2E6	117.5E6	54.547	51.624
15)	B	Endosulfa...	6.136	6.895	483.9E6	127.9E6	55.826	54.395
16)	A	4,4'-DDD	5.995	6.809	434.4E6	112.6E6	59.335	58.564
17)	MA	4,4'-DDT	6.230	7.107	399.2E6	102.3E6	53.230	51.833
18)	B	Endrin al...	6.304	7.019	401.6E6	108.3E6	54.940	52.998
19)	B	Endosulfa...	6.515	7.242	451.3E6	120.1E6	55.523	53.395
20)	A	Methoxychlor	6.775	7.565	213.7E6	58650289	48.652	47.783
21)	B	Endrin ke...	6.999	7.711	528.4E6	133.7E6	57.359	56.226
22)		Mirex	7.175	8.164	372.2E6	101.9E6	50.021	51.141

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

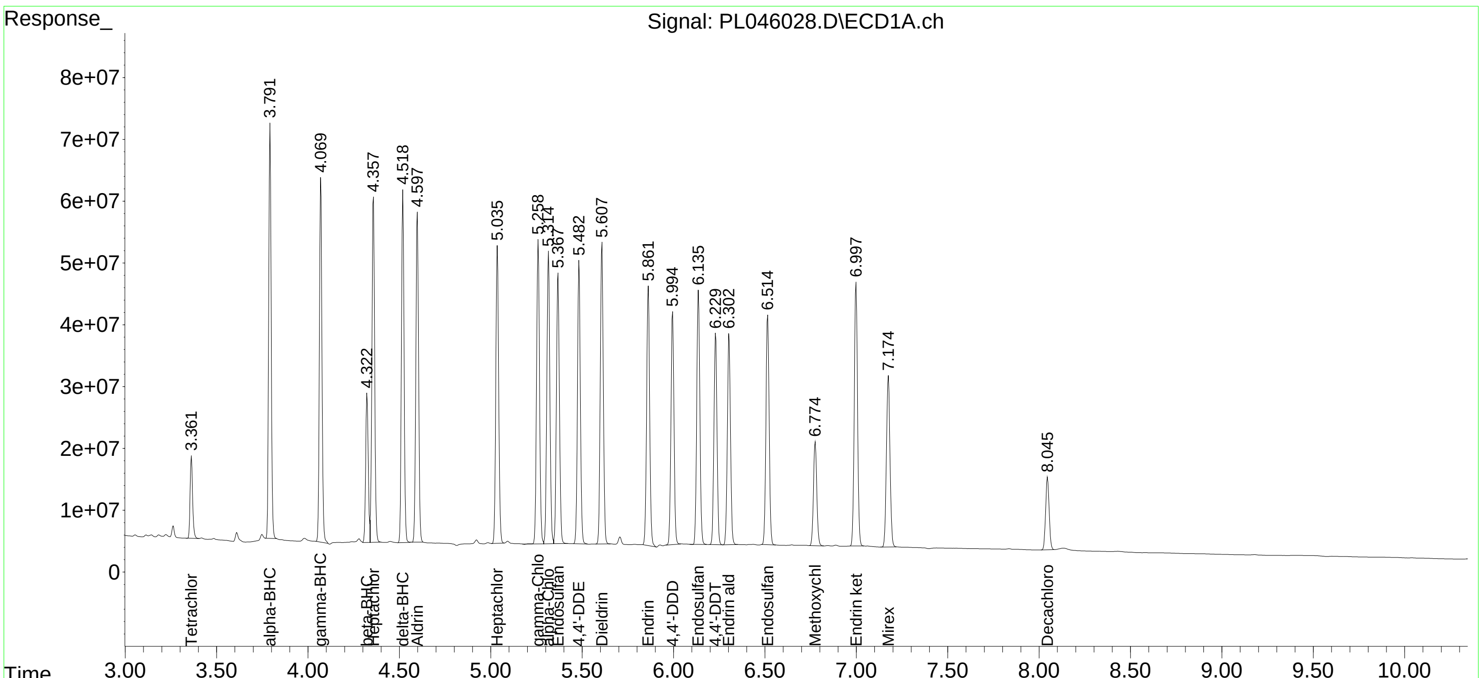
Quantitation Report   (QT Reviewed)

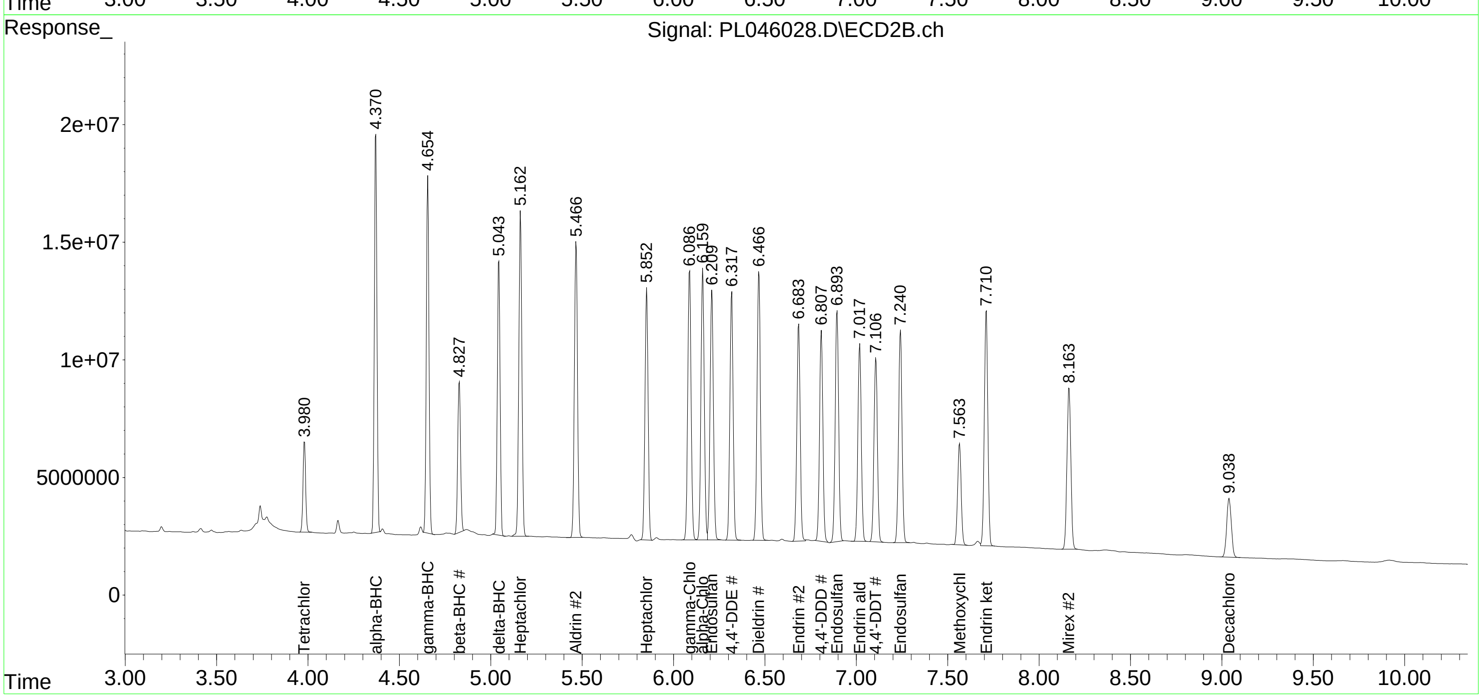
Instrument : ECD_L
ClientSampleId : TP-1MSD

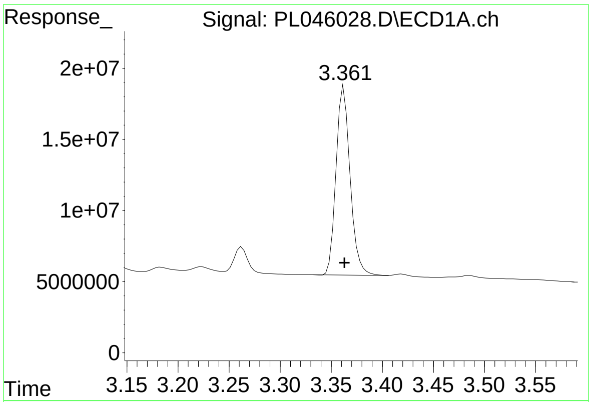
```
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031519\
Data File : PL046028.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On    : 16 Mar 2019  02:25
Operator  : AJ\SJ
Sample    : K1897-04MSD
Misc      :
ALS Vial  : 48   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 16 05:41:31 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
Quant Title  : GC Extractables
QLast Update : Wed Feb 27 17:00:03 2019
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
```



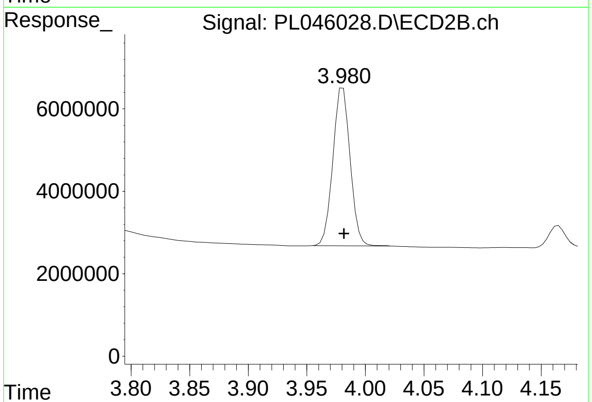




#1 Tetrachloro-m-xylene

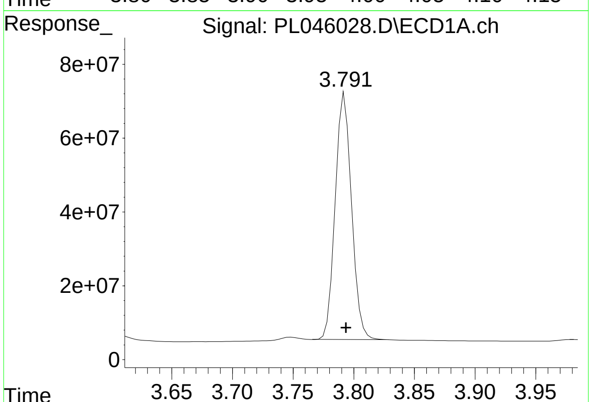
R.T.: 3.362 min
Delta R.T.: 0.000 min
Response: 127319775
Conc: 18.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD



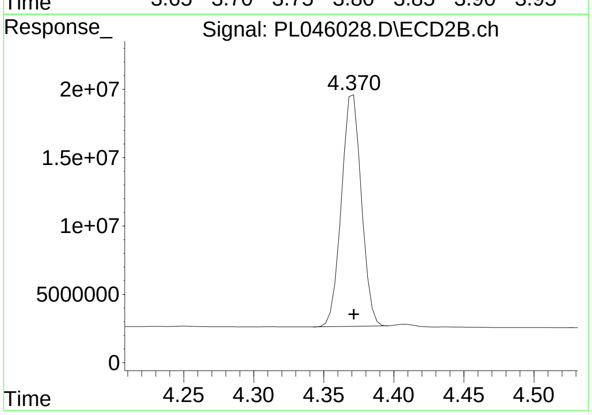
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 39323186
Conc: 18.36 ng/ml



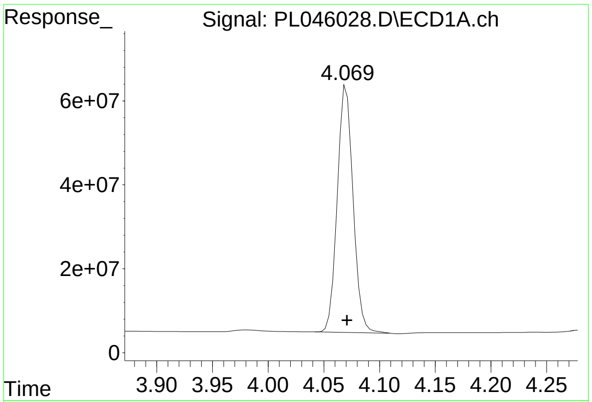
#2 alpha-BHC

R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 625149103
Conc: 56.28 ng/ml



#2 alpha-BHC

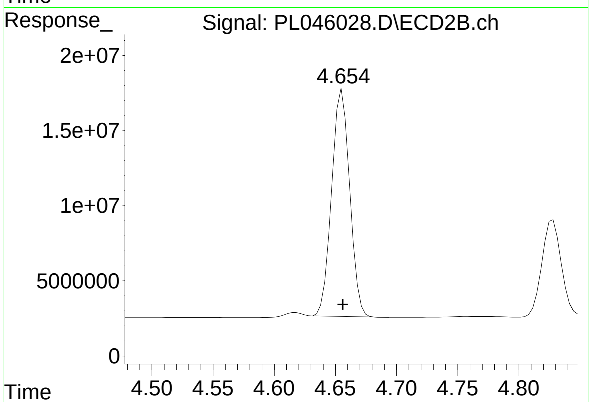
R.T.: 4.371 min
Delta R.T.: 0.000 min
Response: 168286042
Conc: 55.38 ng/ml



#3 gamma-BHC (Lindane)

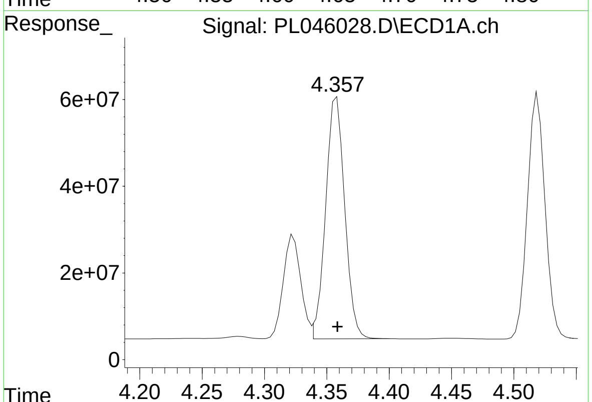
R.T.: 4.070 min
Delta R.T.: 0.000 min
Response: 581272046
Conc: 57.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD



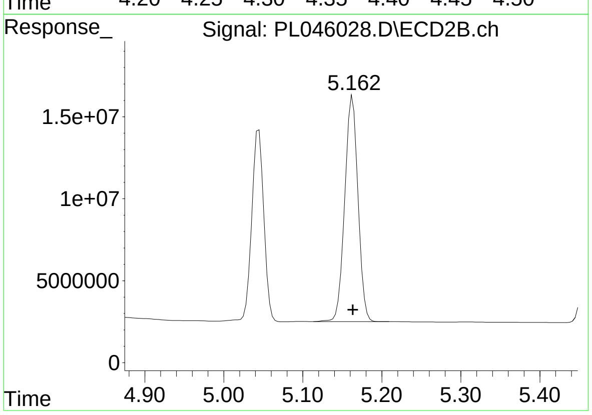
#3 gamma-BHC (Lindane)

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 155412632
Conc: 55.02 ng/ml



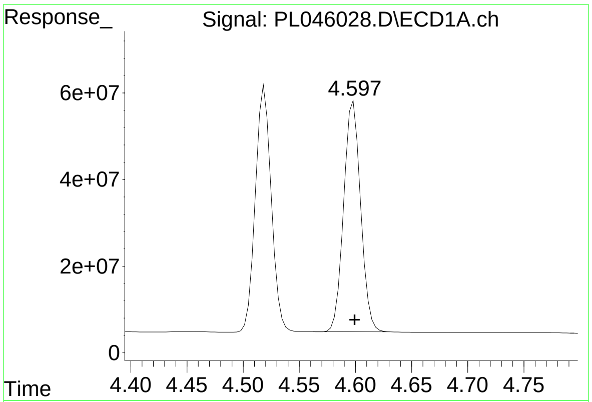
#4 Heptachlor

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 592591007
Conc: 56.16 ng/ml



#4 Heptachlor

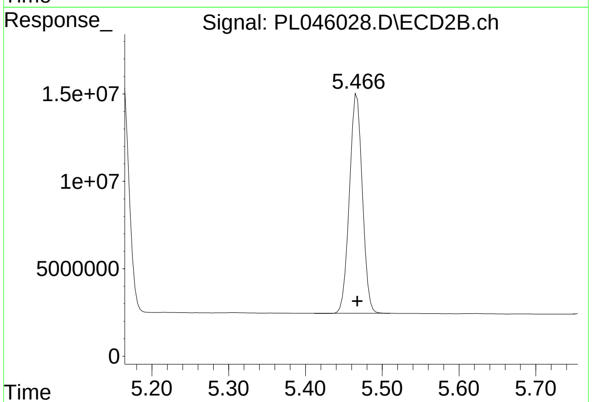
R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 160977816
Conc: 54.11 ng/ml



#5 Aldrin

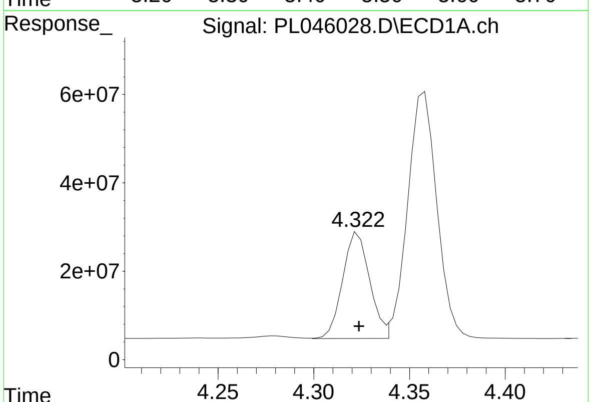
R.T.: 4.598 min
Delta R.T.: -0.001 min
Response: 559102848
Conc: 57.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD



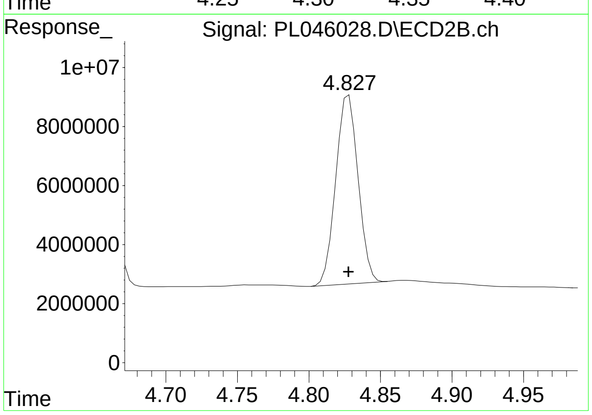
#5 Aldrin

R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 148174822
Conc: 54.86 ng/ml



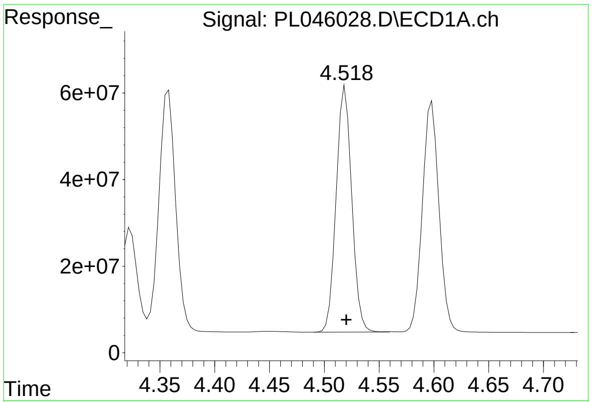
#6 beta-BHC

R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 235297956
Conc: 54.90 ng/ml



#6 beta-BHC

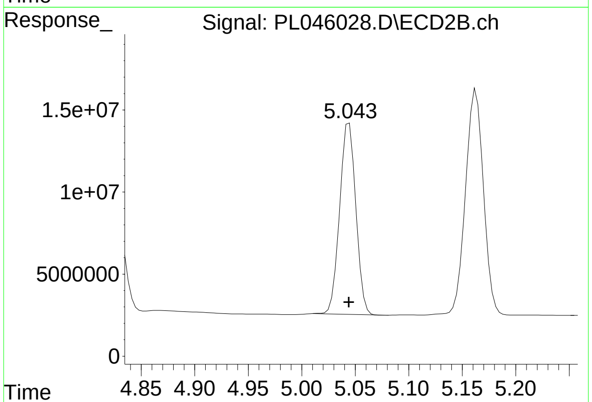
R.T.: 4.828 min
Delta R.T.: 0.000 min
Response: 69508839
Conc: 54.73 ng/ml



#7 delta-BHC

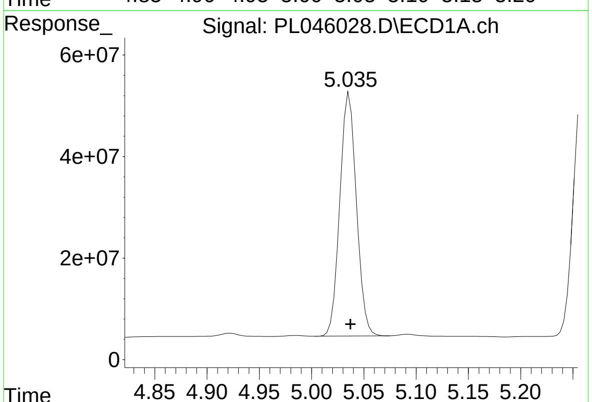
R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 561349896
Conc: 58.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD



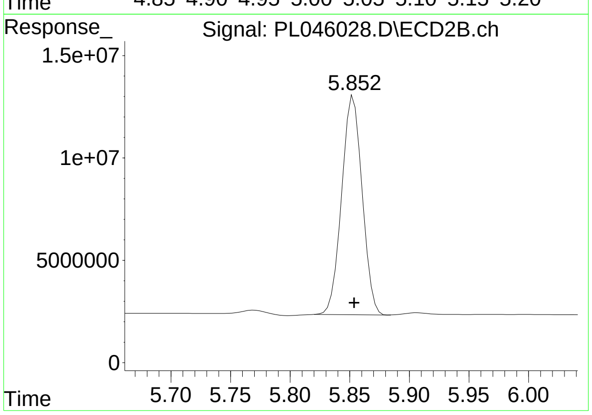
#7 delta-BHC

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 122908694
Conc: 57.14 ng/ml



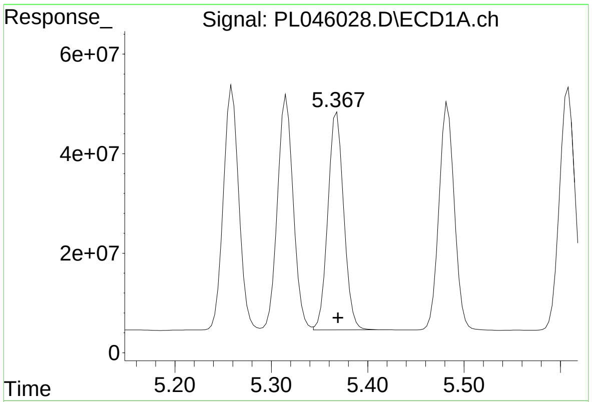
#8 Heptachlor epoxide

R.T.: 5.036 min
Delta R.T.: -0.001 min
Response: 528774479
Conc: 56.66 ng/ml



#8 Heptachlor epoxide

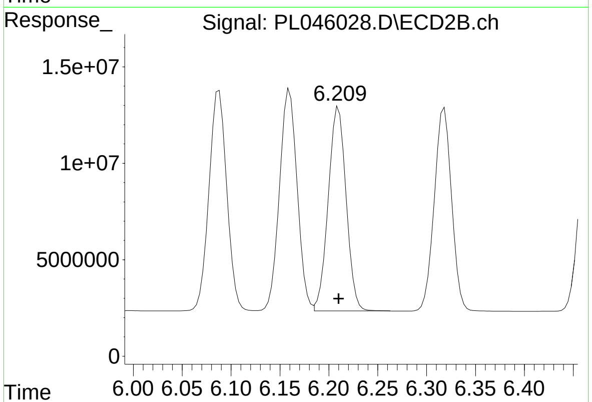
R.T.: 5.853 min
Delta R.T.: 0.000 min
Response: 128040626
Conc: 53.31 ng/ml



#9 Endosulfan I

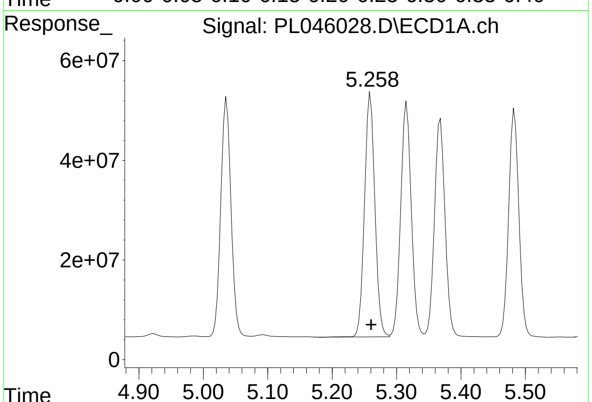
R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 502343222
Conc: 56.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD



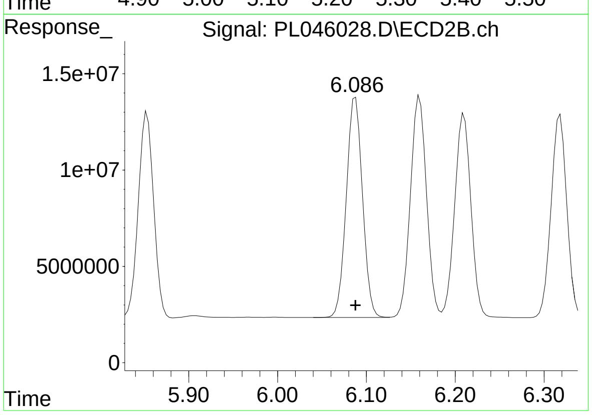
#9 Endosulfan I

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 134823206
Conc: 54.14 ng/ml



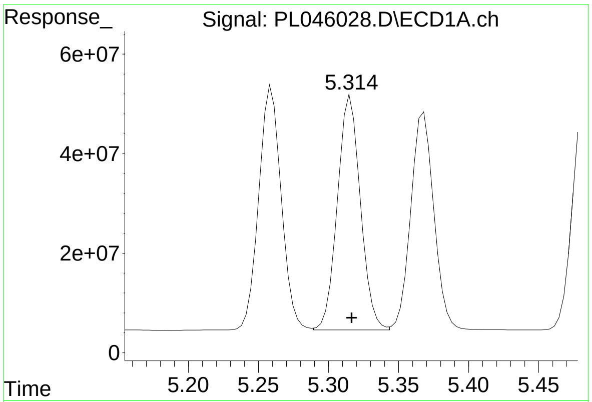
#10 gamma-Chlordane

R.T.: 5.260 min
Delta R.T.: -0.001 min
Response: 547470912
Conc: 55.94 ng/ml



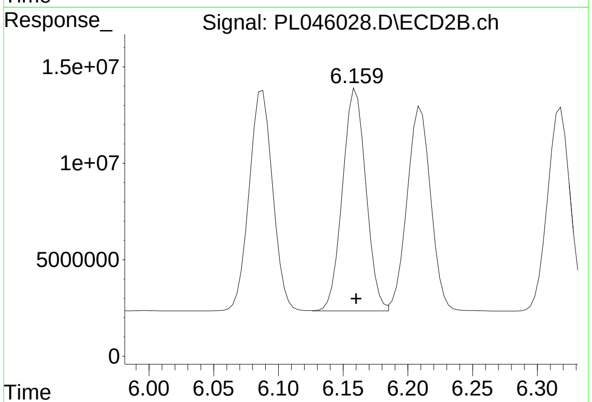
#10 gamma-Chlordane

R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 145037210
Conc: 54.06 ng/ml



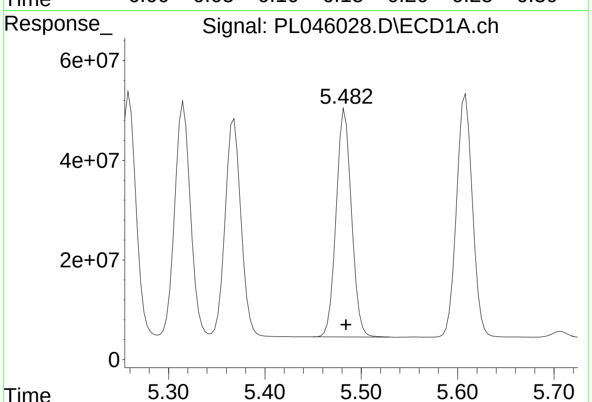
#11 alpha-Chlordane

R.T.: 5.316 min
Delta R.T.: 0.000 min
Response: 538425842
Conc: 55.53 ng/ml



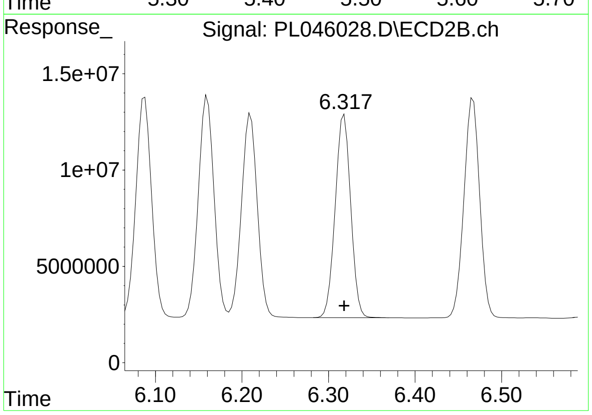
#11 alpha-Chlordane

R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 145057164
Conc: 53.77 ng/ml



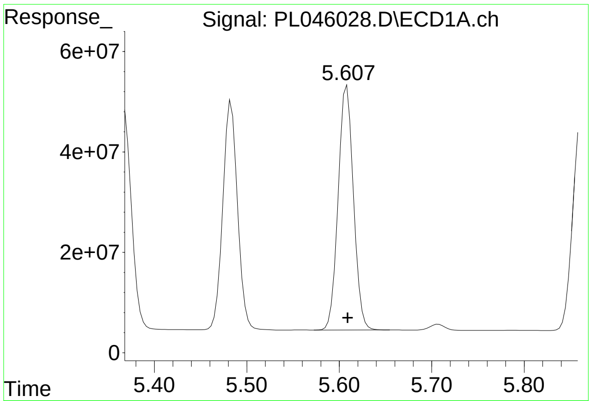
#12 4,4'-DDE

R.T.: 5.483 min
Delta R.T.: 0.000 min
Response: 504825189
Conc: 57.51 ng/ml



#12 4,4'-DDE

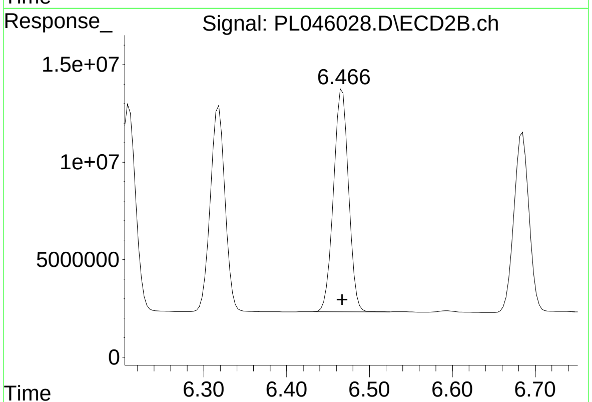
R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 130227360
Conc: 55.75 ng/ml



#13 Dieldrin

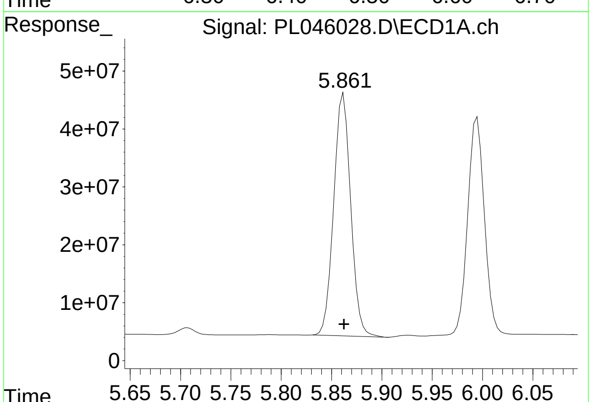
R.T.: 5.608 min
Delta R.T.: 0.000 min
Response: 559336147
Conc: 58.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD



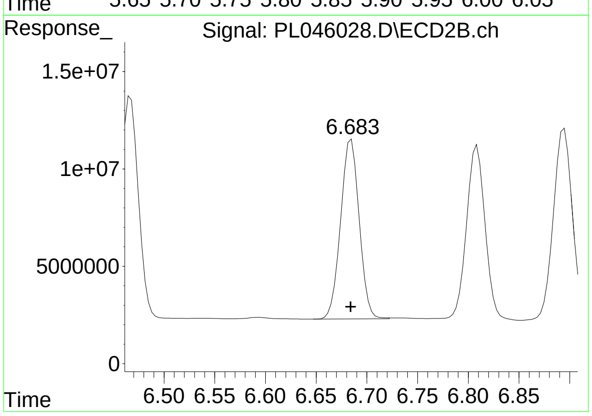
#13 Dieldrin

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 144357859
Conc: 56.18 ng/ml



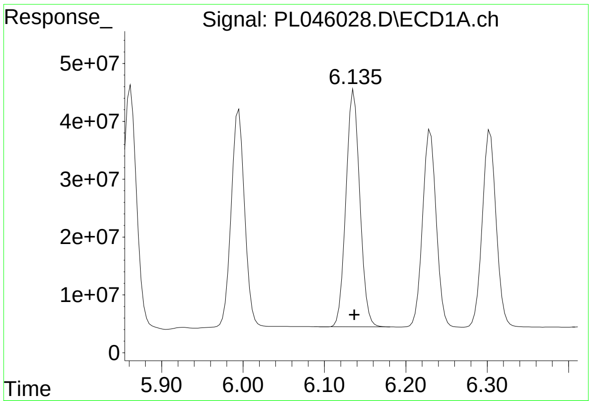
#14 Endrin

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 491237604
Conc: 54.55 ng/ml



#14 Endrin

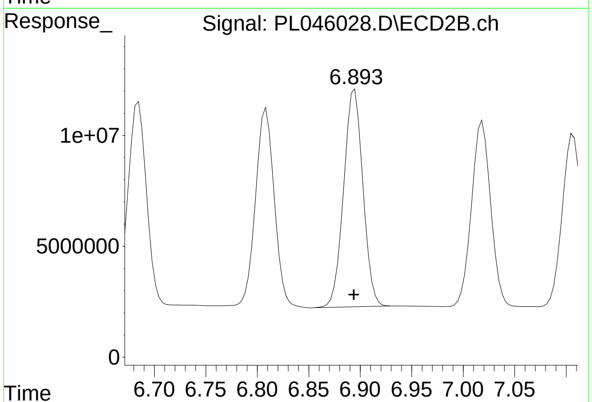
R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 117458953
Conc: 51.62 ng/ml



#15 Endosulfan II

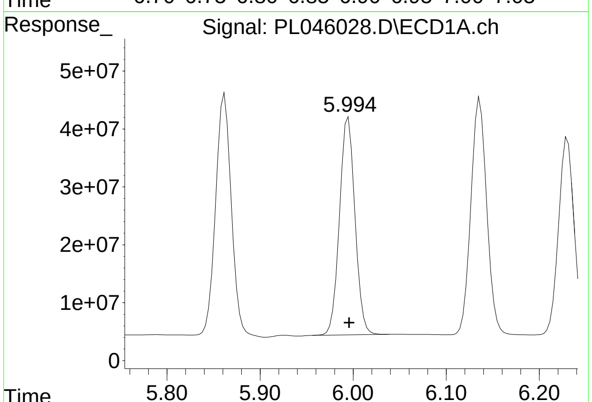
R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 483932496
Conc: 55.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD



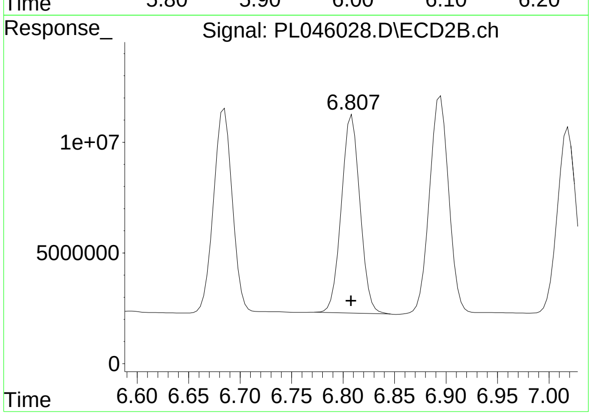
#15 Endosulfan II

R.T.: 6.895 min
Delta R.T.: 0.000 min
Response: 127915924
Conc: 54.39 ng/ml



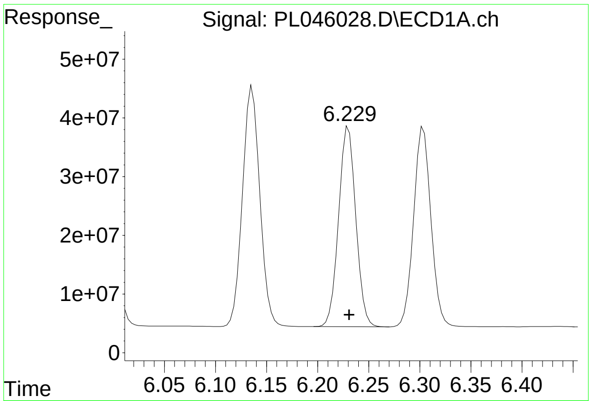
#16 4,4'-DDD

R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 434439353
Conc: 59.33 ng/ml



#16 4,4'-DDD

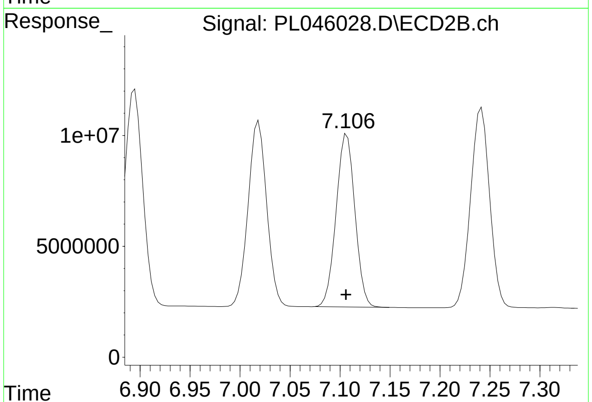
R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 112623512
Conc: 58.56 ng/ml



#17 4,4'-DDT

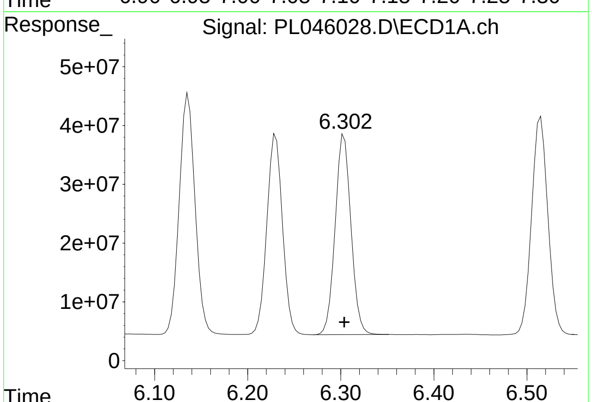
R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 399230030
Conc: 53.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD



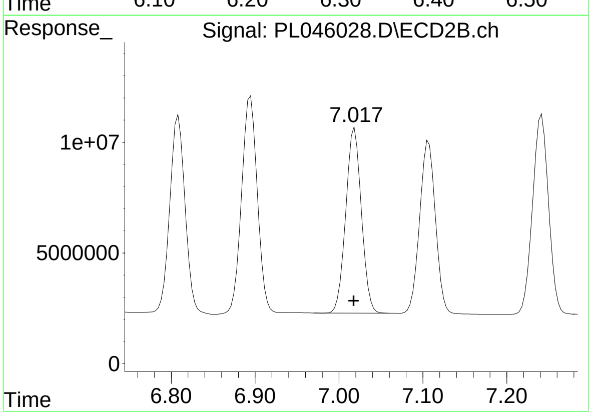
#17 4,4'-DDT

R.T.: 7.107 min
Delta R.T.: 0.001 min
Response: 102290276
Conc: 51.83 ng/ml



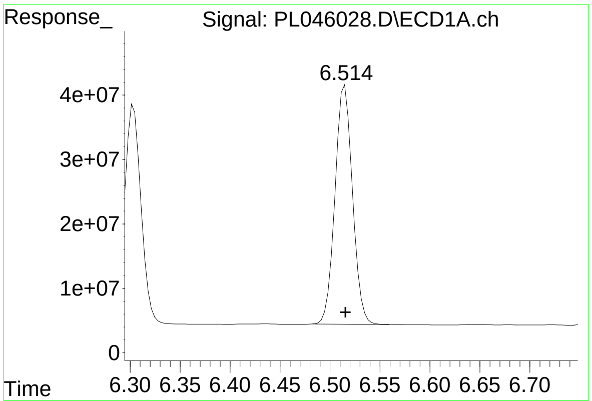
#18 Endrin aldehyde

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 401593831
Conc: 54.94 ng/ml



#18 Endrin aldehyde

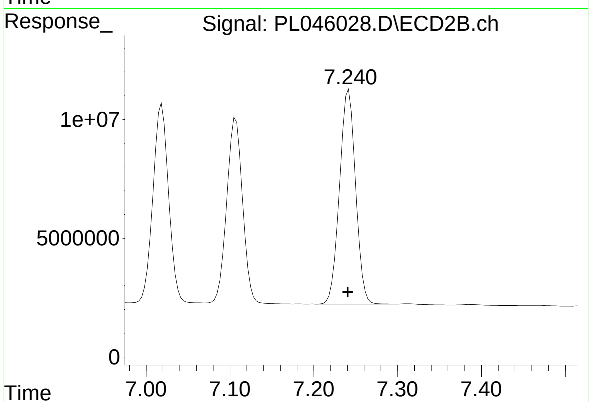
R.T.: 7.019 min
Delta R.T.: 0.001 min
Response: 108339192
Conc: 53.00 ng/ml



#19 Endosulfan Sulfate

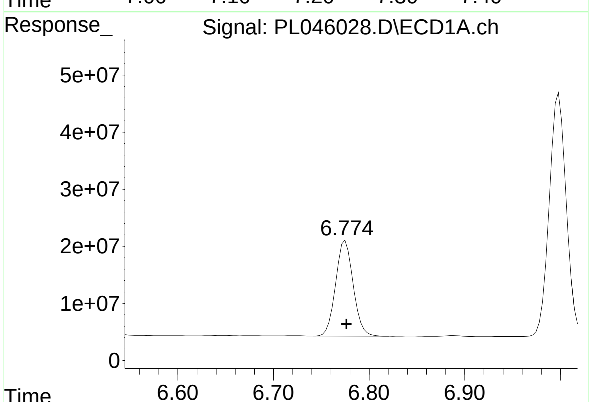
R.T.: 6.515 min
Delta R.T.: 0.000 min
Response: 451295323
Conc: 55.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD



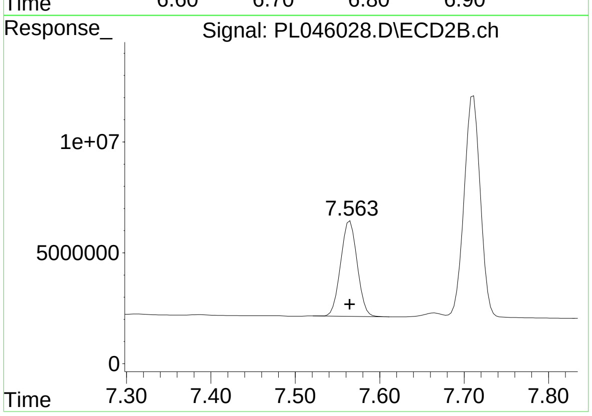
#19 Endosulfan Sulfate

R.T.: 7.242 min
Delta R.T.: 0.001 min
Response: 120112664
Conc: 53.40 ng/ml



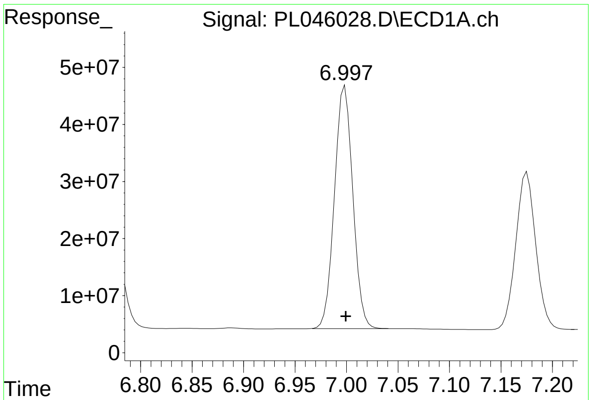
#20 Methoxychlor

R.T.: 6.775 min
Delta R.T.: -0.001 min
Response: 213664414
Conc: 48.65 ng/ml



#20 Methoxychlor

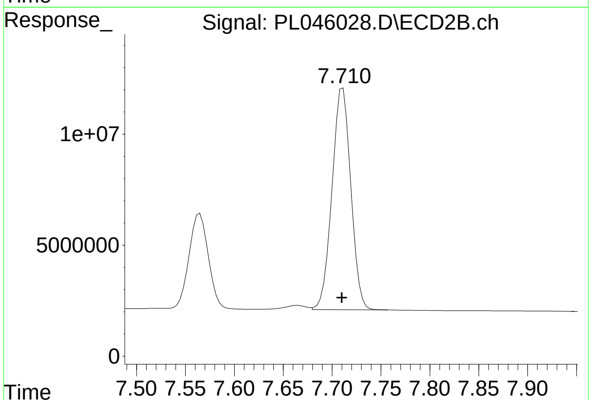
R.T.: 7.565 min
Delta R.T.: 0.000 min
Response: 58650289
Conc: 47.78 ng/ml



#21 Endrin ketone

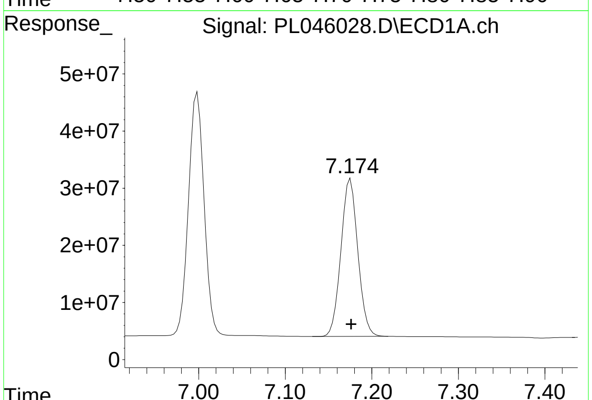
R.T.: 6.999 min
Delta R.T.: 0.000 min
Response: 528433781
Conc: 57.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD



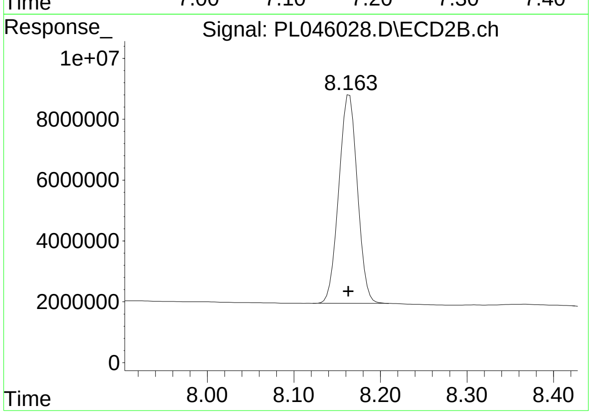
#21 Endrin ketone

R.T.: 7.711 min
Delta R.T.: 0.001 min
Response: 133729053
Conc: 56.23 ng/ml



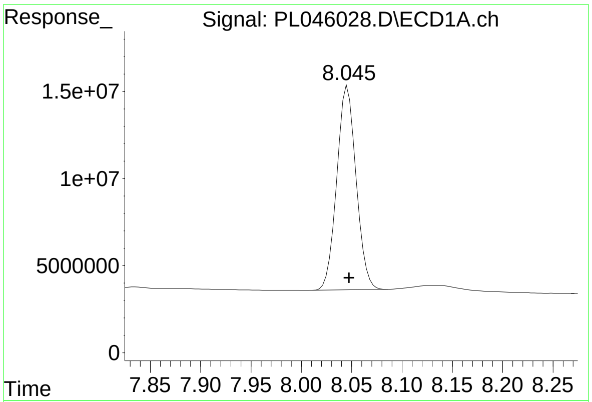
#22 Mirex

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 372159866
Conc: 50.02 ng/ml



#22 Mirex

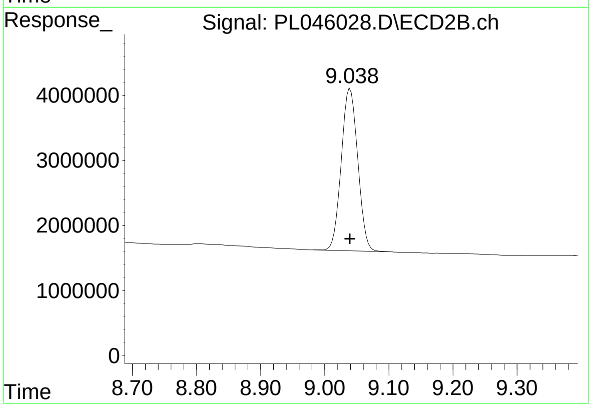
R.T.: 8.164 min
Delta R.T.: 0.001 min
Response: 101857797
Conc: 51.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.046 min
Delta R.T.: -0.001 min
Response: 156056300
Conc: 18.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD



#28 Decachlorobiphenyl

R.T.: 9.040 min
Delta R.T.: 0.000 min
Response: 44489396
Conc: 19.47 ng/ml