Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL123119\
Data File : PL055433.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Dec 2019 17:32
Operator : SG\AJ
Sample : K6471-14MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : ECD_L
ClientSampleId : MC-123019-0-2-COMP-B1MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 01 00:43:33 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122119.M
Quant Title : GC Extractables
QLast Update : Sat Dec 21 05:21:06 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...	3.535	4.049	208.7E6	59547054	19.847	22.536	
28)	SA Decachlor...	8.315	9.153	174.4E6	44076491	18.792	19.967	
	Target Compounds							
2)	A alpha-BHC	3.978	4.441	893.8E6	224.6E6	51.377	60.999	
3)	MA gamma-BHC...	4.265	4.726	802.0E6	209.3E6	48.638	61.215	#
4)	MA Heptachlor	4.570	5.236	857.0E6	189.1E6	52.489	60.116	
5)	MB Aldrin	4.821	5.541	827.5E6	180.6E6	54.196	62.716	
6)	B beta-BHC	4.516	4.898	366.0E6	84720871	53.368	51.590	
7)	B delta-BHC	4.724	5.115	695.0E6	149.4E6	45.918	53.440	
8)	B Heptachlo...	5.267	5.929	739.0E6	148.2E6	51.717	58.150	
9)	A Endosulfan I	5.608	6.287	604.8E6	149.1E6	45.771	60.202	#
10)	B gamma-Chl...	5.494	6.164	745.0E6	161.4E6	51.134	60.829	
11)	B alpha-Chl...	5.553	6.236	711.5E6	160.7E6	50.534	61.277	
12)	B 4,4'-DDE	5.716	6.393	780.0E6	157.6E6	58.533	64.638	
13)	MA Dieldrin	5.853	6.545	749.4E6	154.1E6	53.684	60.375	
14)	MA Endrin	6.111	6.763	647.6E6	122.8E6	50.951	57.224	
15)	B Endosulfa...	6.384	6.974	599.4E6	131.7E6	51.072	55.565	
16)	A 4,4'-DDD	6.234	6.885	499.8E6	120.5E6	52.042	63.402	
17)	MA 4,4'-DDT	6.476	7.185	599.3E6	131.1E6	59.531	66.788	
18)	B Endrin al...	6.552	7.099	508.8E6	109.7E6	52.242	56.857	
19)	B Endosulfa...	6.766	7.323	557.0E6	124.3E6	55.372	59.513	
20)	A Methoxychlor	7.020	7.645	248.3E6	63060620	51.531	58.429	
21)	B Endrin ke...	7.260	7.797	554.8E6	135.1E6	52.926	60.665	
22)	Mirex	7.452	8.254	379.9E6	90051409	49.877	54.311	
24)	Chlordane-2	0.000	5.541f	0	180.6E6	N.D.	1897.181	#
25)	Chlordane-3	5.494	6.164	745.0E6	161.4E6	587.801	501.679	
26)	Chlordane-4	5.553	6.236	711.5E6	160.7E6	679.693	418.042	#
27)	Chlordane-5	6.384	0.000	599.4E6	0	1538.274	N.D.	#

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

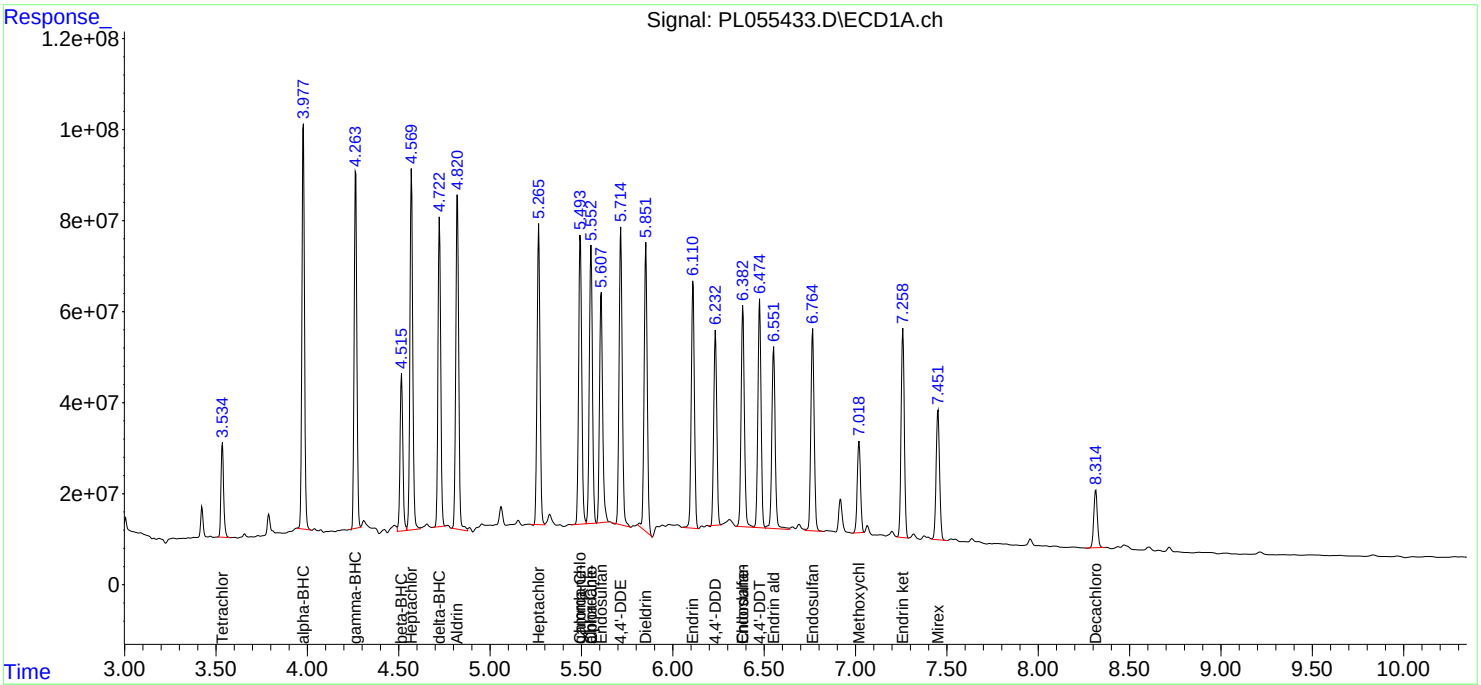
Quantitation Report (Not Reviewed)

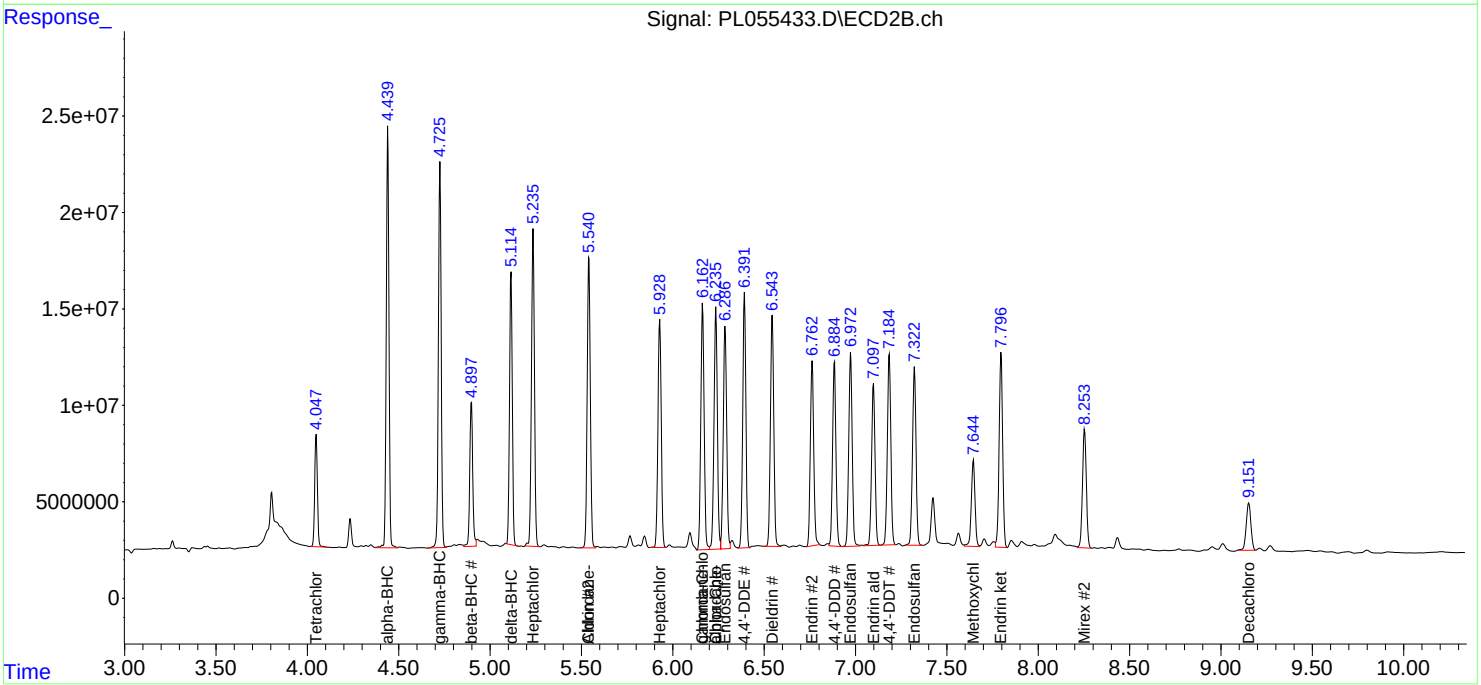
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL123119\
Data File : PL055433.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Dec 2019 17:32
Operator : SG\AJ
Sample : K6471-14MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

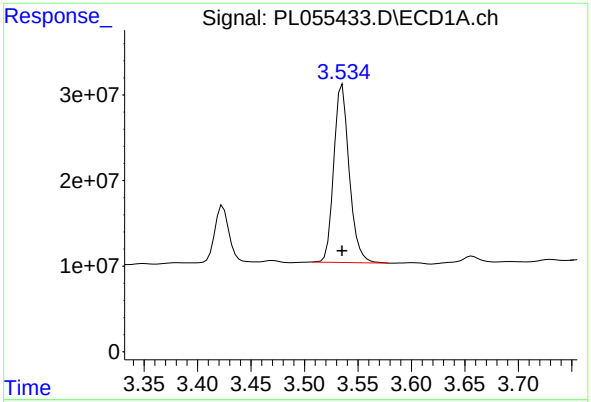
Instrument :
ECD_L
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 01 00:43:33 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122119.M
Quant Title : GC Extractables
QLast Update : Sat Dec 21 05:21:06 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



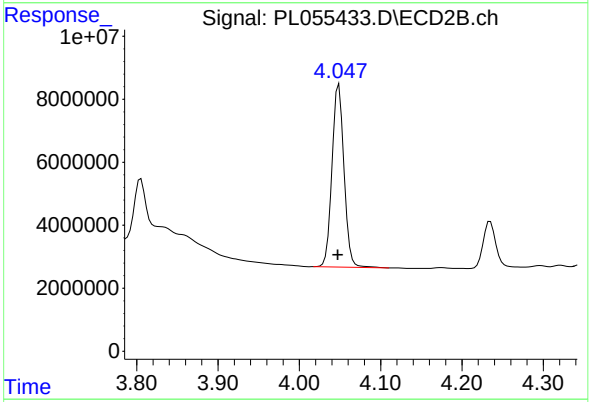




#1 Tetrachloro-m-xylene

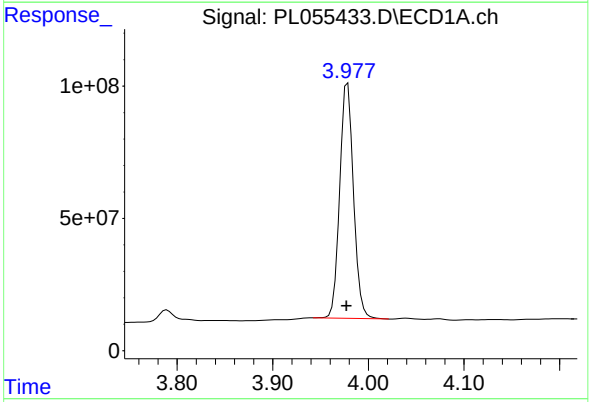
R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 208722199
Conc: 19.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-123019-0-2-COMP-B1MSD



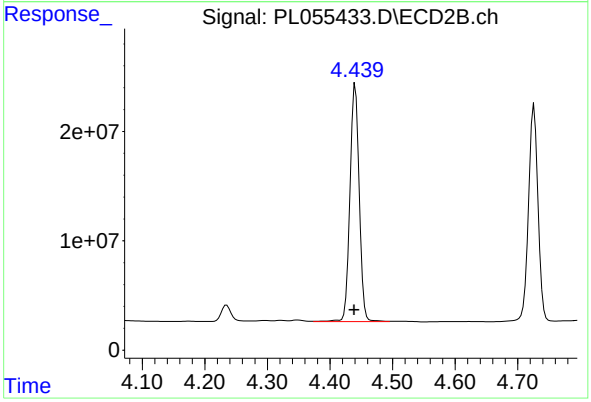
#1 Tetrachloro-m-xylene

R.T.: 4.049 min
Delta R.T.: 0.002 min
Response: 59547054
Conc: 22.54 ng/ml



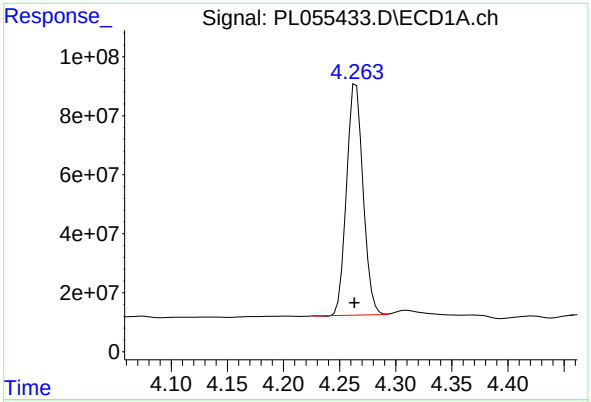
#2 alpha-BHC

R.T.: 3.978 min
Delta R.T.: 0.001 min
Response: 893824802
Conc: 51.38 ng/ml



#2 alpha-BHC

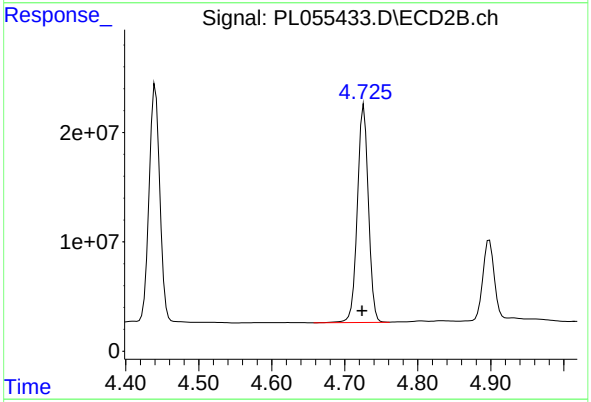
R.T.: 4.441 min
Delta R.T.: 0.002 min
Response: 224646859
Conc: 61.00 ng/ml



#3 gamma-BHC (Lindane)

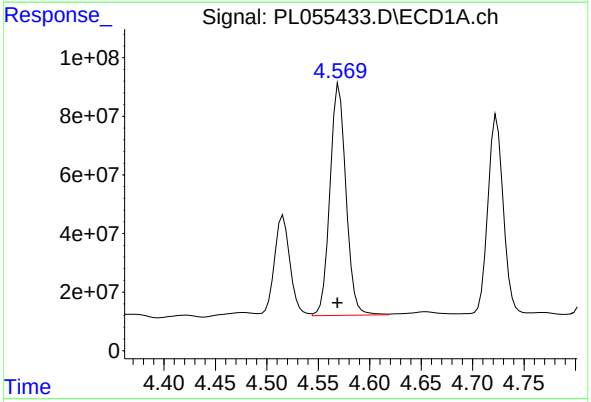
R.T.: 4.265 min
Delta R.T.: 0.001 min
Response: 801950728
Conc: 48.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-123019-0-2-COMP-B1MSD



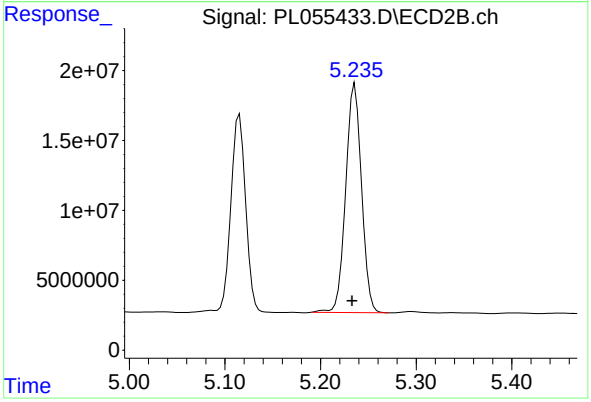
#3 gamma-BHC (Lindane)

R.T.: 4.726 min
Delta R.T.: 0.002 min
Response: 209269528
Conc: 61.21 ng/ml



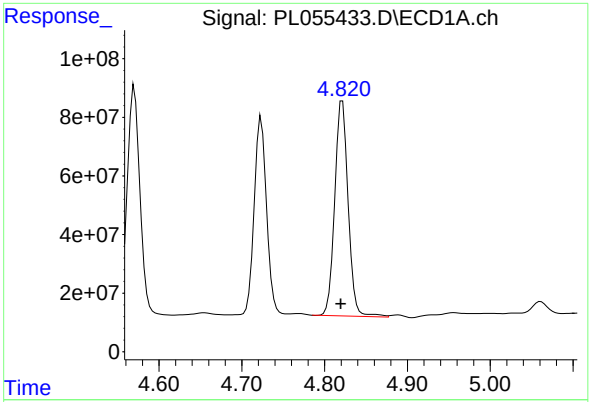
#4 Heptachlor

R.T.: 4.570 min
Delta R.T.: 0.002 min
Response: 857002080
Conc: 52.49 ng/ml



#4 Heptachlor

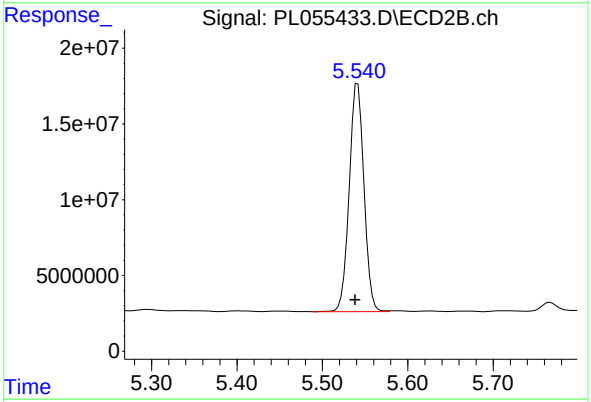
R.T.: 5.236 min
Delta R.T.: 0.003 min
Response: 189131160
Conc: 60.12 ng/ml



#5 Aldrin

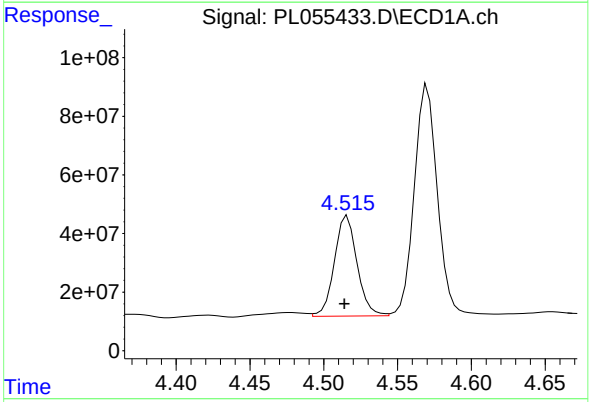
R.T.: 4.821 min
Delta R.T.: 0.002 min
Response: 827534464
Conc: 54.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-123019-0-2-COMP-B1MSD



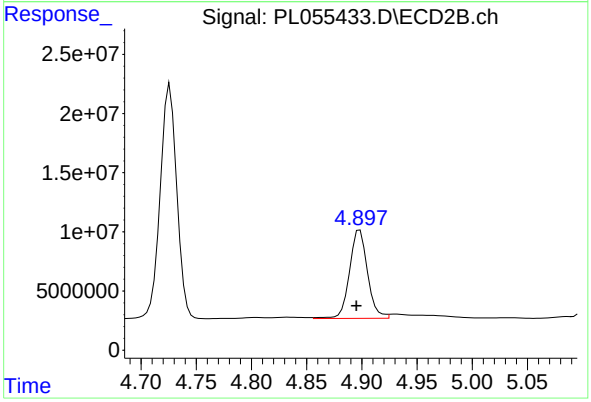
#5 Aldrin

R.T.: 5.541 min
Delta R.T.: 0.003 min
Response: 180591109
Conc: 62.72 ng/ml



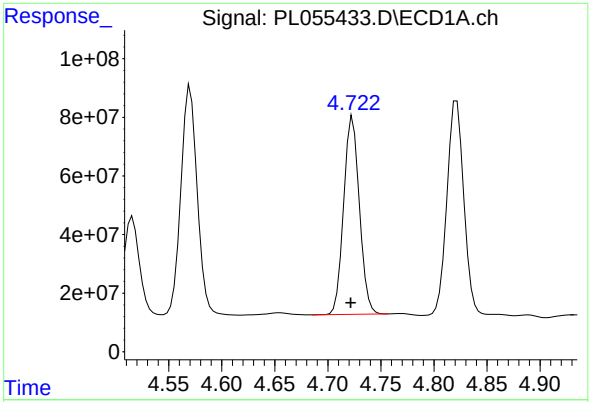
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.002 min
Response: 365970226
Conc: 53.37 ng/ml



#6 beta-BHC

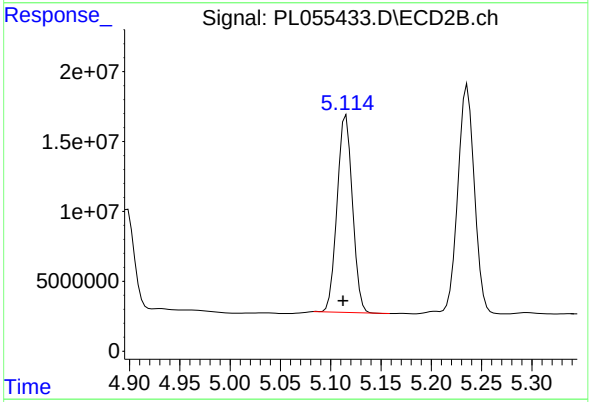
R.T.: 4.898 min
Delta R.T.: 0.003 min
Response: 84720871
Conc: 51.59 ng/ml



#7 delta-BHC

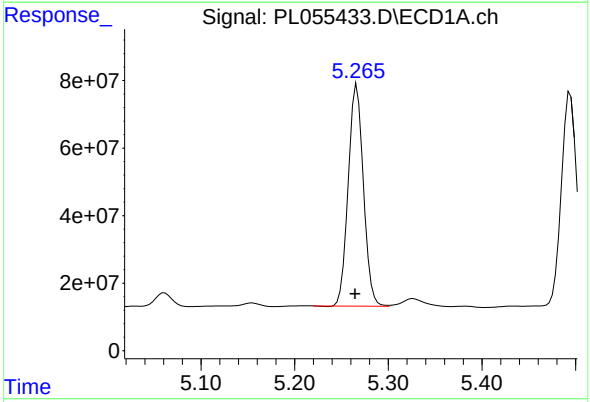
R.T.: 4.724 min
Delta R.T.: 0.002 min
Response: 695018502
Conc: 45.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-123019-0-2-COMP-B1MSD



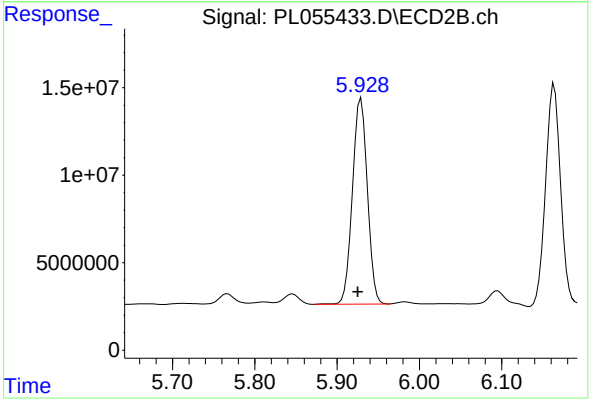
#7 delta-BHC

R.T.: 5.115 min
Delta R.T.: 0.003 min
Response: 149433878
Conc: 53.44 ng/ml



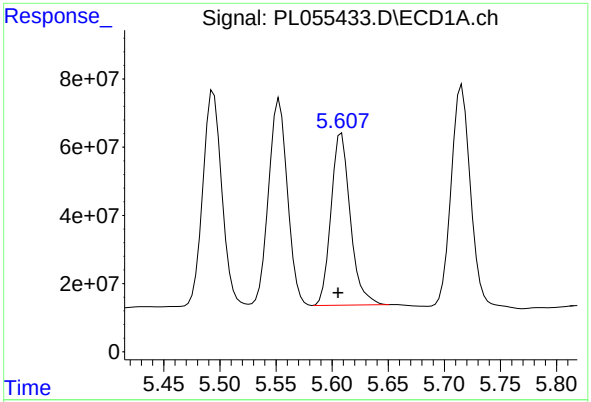
#8 Heptachlor epoxide

R.T.: 5.267 min
Delta R.T.: 0.002 min
Response: 738990538
Conc: 51.72 ng/ml



#8 Heptachlor epoxide

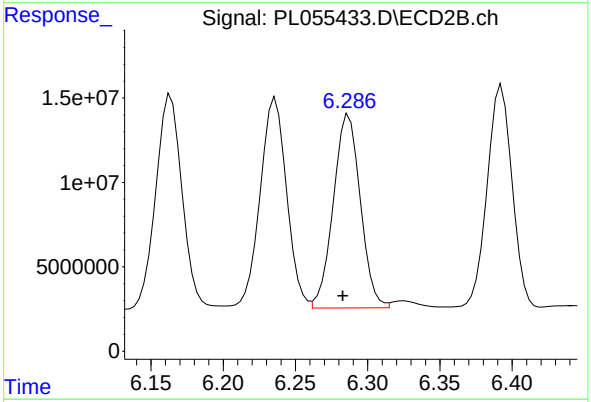
R.T.: 5.929 min
Delta R.T.: 0.004 min
Response: 148215048
Conc: 58.15 ng/ml



#9 Endosulfan I

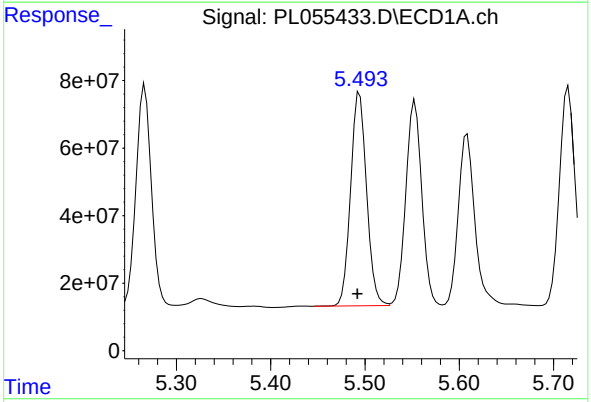
R.T.: 5.608 min
Delta R.T.: 0.003 min
Response: 604768086
Conc: 45.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-123019-0-2-COMP-B1MSD



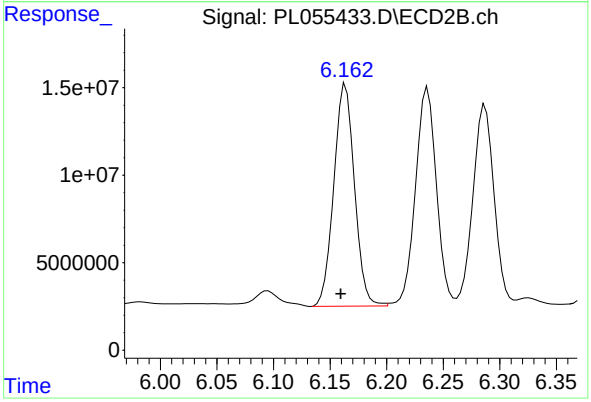
#9 Endosulfan I

R.T.: 6.287 min
Delta R.T.: 0.004 min
Response: 149110172
Conc: 60.20 ng/ml



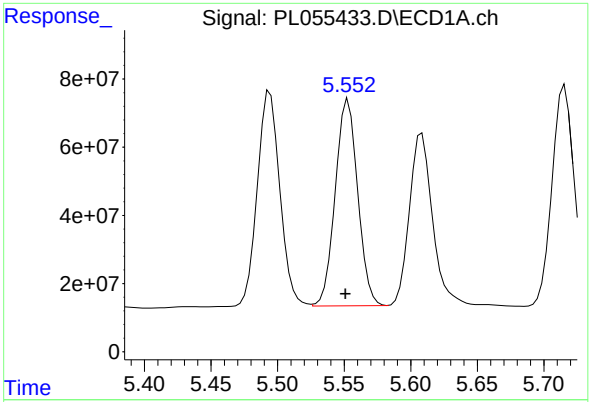
#10 gamma-Chlordane

R.T.: 5.494 min
Delta R.T.: 0.002 min
Response: 745016996
Conc: 51.13 ng/ml



#10 gamma-Chlordane

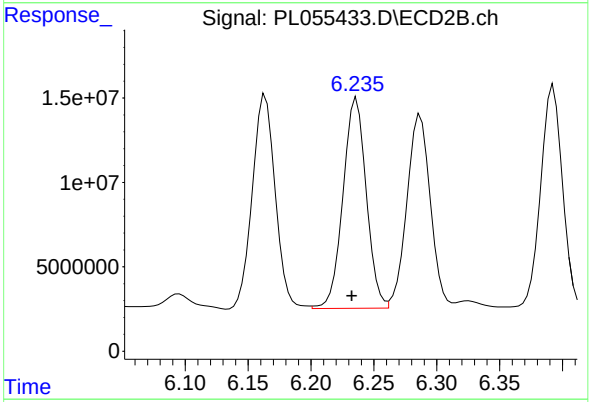
R.T.: 6.164 min
Delta R.T.: 0.004 min
Response: 161447483
Conc: 60.83 ng/ml



#11 alpha-Chlordane

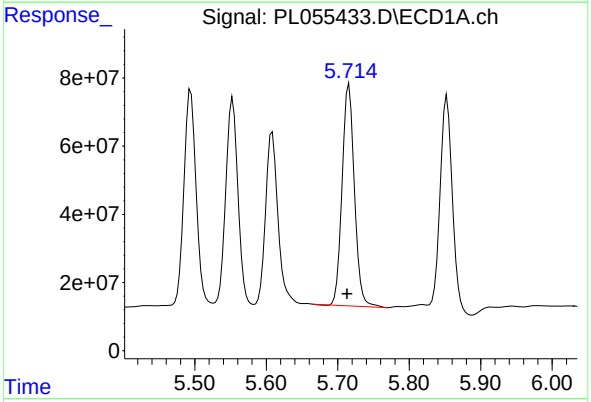
R.T.: 5.553 min
Delta R.T.: 0.002 min
Response: 711464911
Conc: 50.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-123019-0-2-COMP-B1MSD



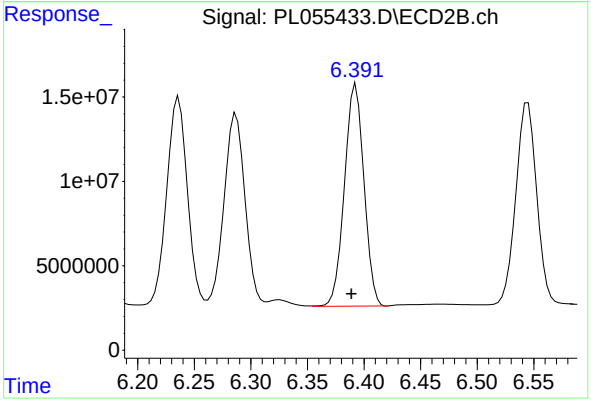
#11 alpha-Chlordane

R.T.: 6.236 min
Delta R.T.: 0.004 min
Response: 160686260
Conc: 61.28 ng/ml



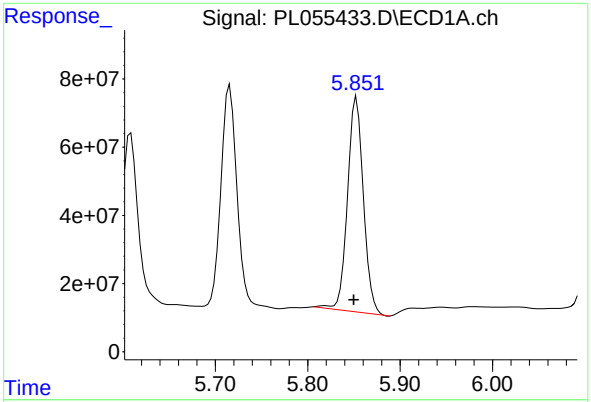
#12 4,4'-DDE

R.T.: 5.716 min
Delta R.T.: 0.002 min
Response: 780024929
Conc: 58.53 ng/ml



#12 4,4'-DDE

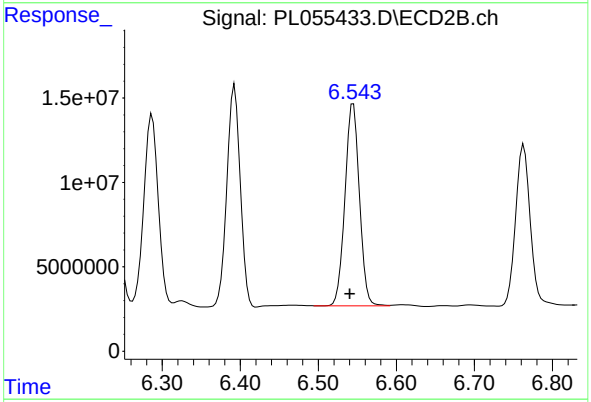
R.T.: 6.393 min
Delta R.T.: 0.004 min
Response: 157602718
Conc: 64.64 ng/ml



#13 Dieldrin

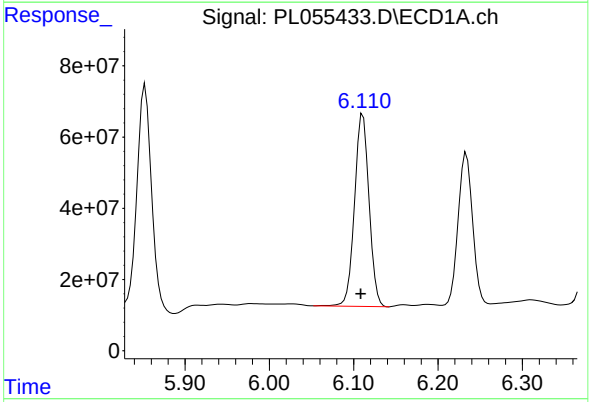
R.T.: 5.853 min
Delta R.T.: 0.003 min
Response: 749420586
Conc: 53.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-123019-0-2-COMP-B1MSD



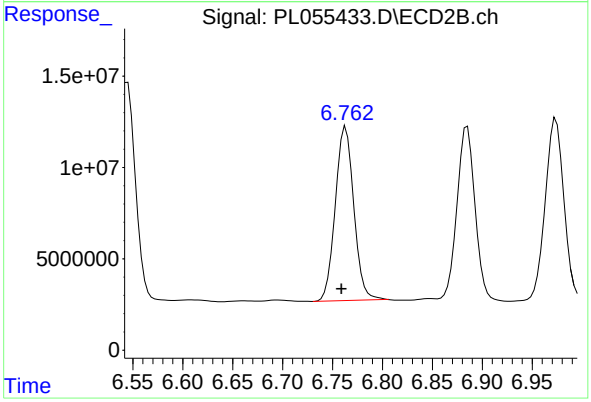
#13 Dieldrin

R.T.: 6.545 min
Delta R.T.: 0.005 min
Response: 154079885
Conc: 60.37 ng/ml



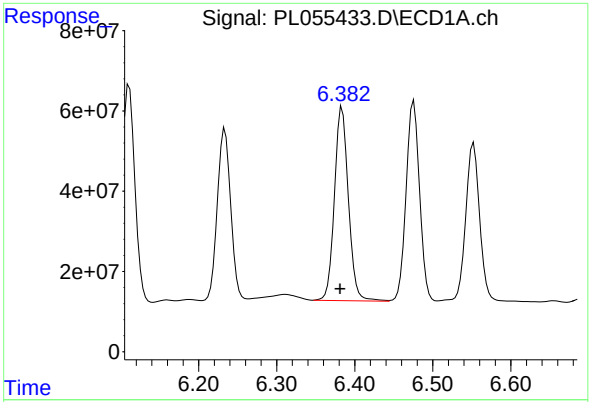
#14 Endrin

R.T.: 6.111 min
Delta R.T.: 0.003 min
Response: 647570021
Conc: 50.95 ng/ml



#14 Endrin

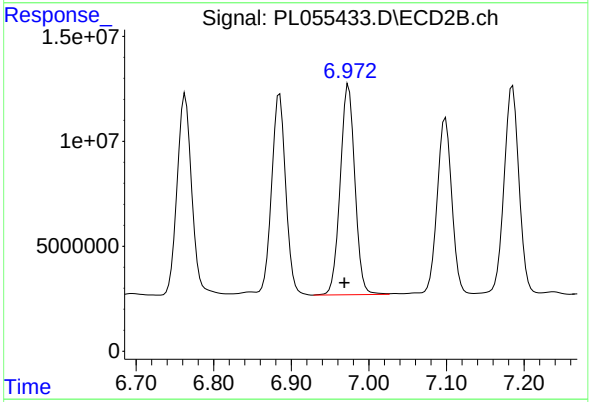
R.T.: 6.763 min
Delta R.T.: 0.005 min
Response: 122801329
Conc: 57.22 ng/ml



#15 Endosulfan II

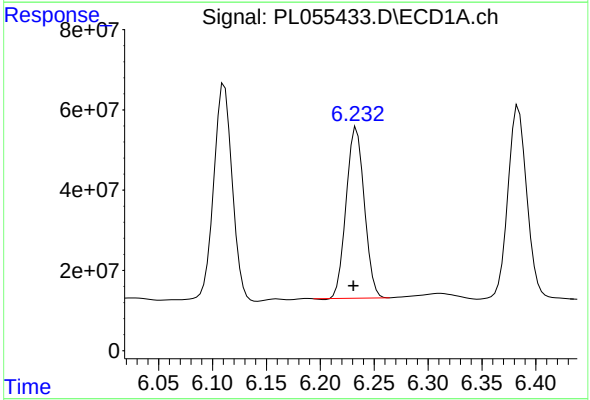
R.T.: 6.384 min
Delta R.T.: 0.003 min
Response: 599416476
Conc: 51.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-123019-0-2-COMP-B1MSD



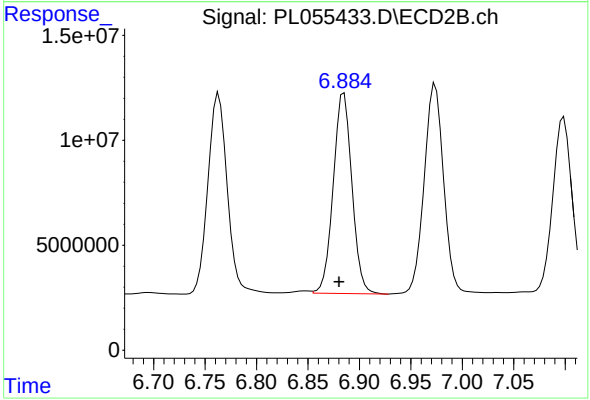
#15 Endosulfan II

R.T.: 6.974 min
Delta R.T.: 0.005 min
Response: 131728406
Conc: 55.56 ng/ml



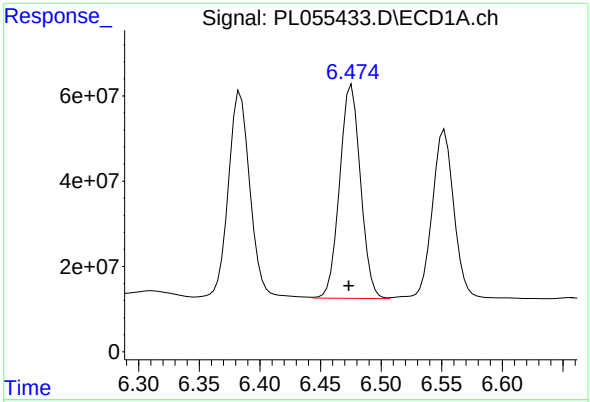
#16 4,4'-DDD

R.T.: 6.234 min
Delta R.T.: 0.003 min
Response: 499836830
Conc: 52.04 ng/ml



#16 4,4'-DDD

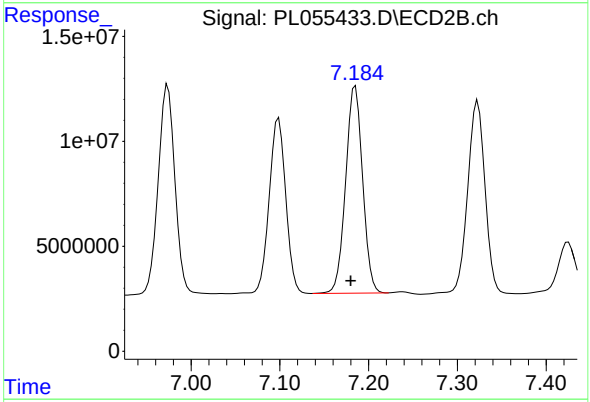
R.T.: 6.885 min
Delta R.T.: 0.005 min
Response: 120532833
Conc: 63.40 ng/ml



#17 4,4'-DDT

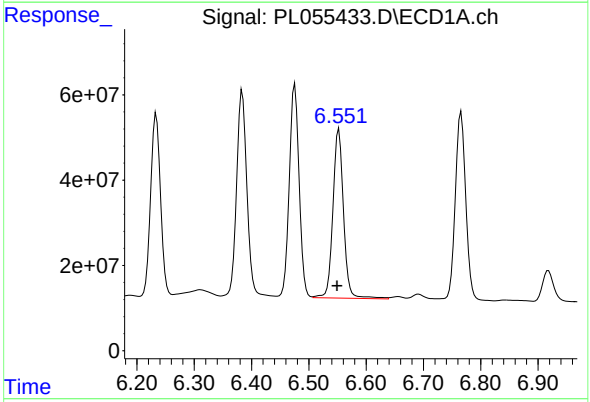
R.T.: 6.476 min
Delta R.T.: 0.003 min
Response: 599304863
Conc: 59.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-123019-0-2-COMP-B1MSD



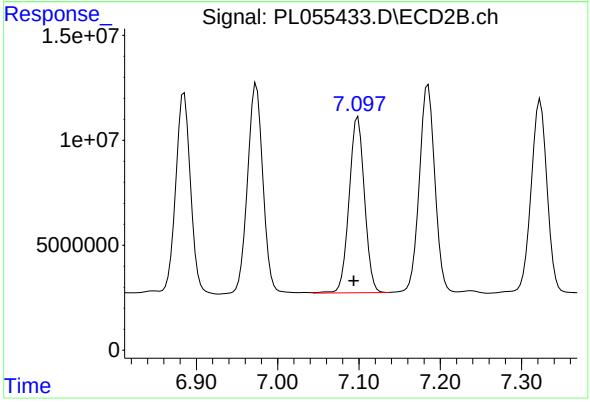
#17 4,4'-DDT

R.T.: 7.185 min
Delta R.T.: 0.005 min
Response: 131080252
Conc: 66.79 ng/ml



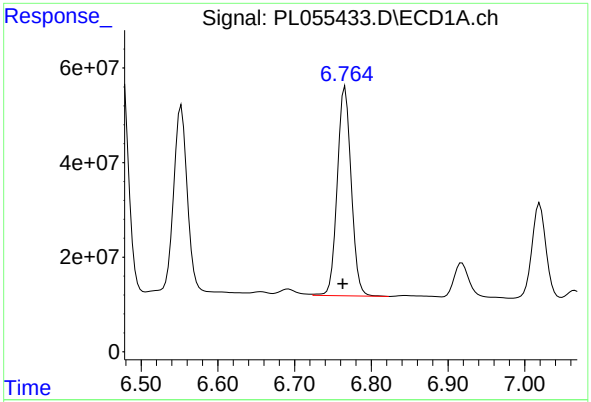
#18 Endrin aldehyde

R.T.: 6.552 min
Delta R.T.: 0.003 min
Response: 508801989
Conc: 52.24 ng/ml



#18 Endrin aldehyde

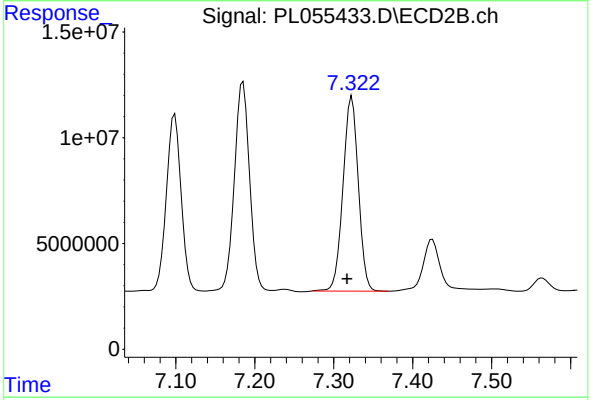
R.T.: 7.099 min
Delta R.T.: 0.005 min
Response: 109729626
Conc: 56.86 ng/ml



#19 Endosulfan Sulfate

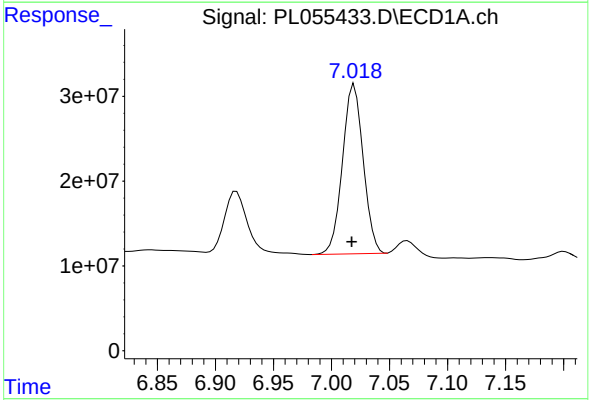
R.T.: 6.766 min
Delta R.T.: 0.003 min
Response: 556979613
Conc: 55.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-123019-0-2-COMP-B1MSD



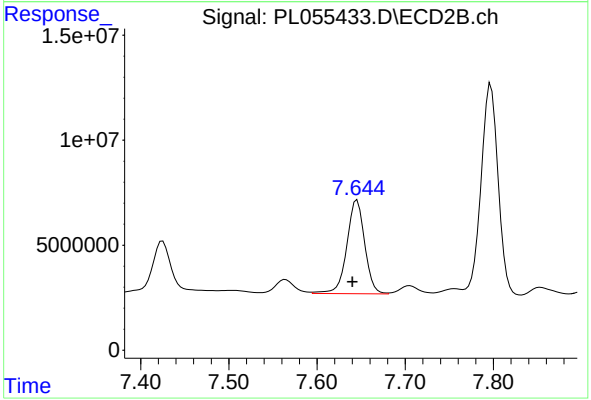
#19 Endosulfan Sulfate

R.T.: 7.323 min
Delta R.T.: 0.006 min
Response: 124297555
Conc: 59.51 ng/ml



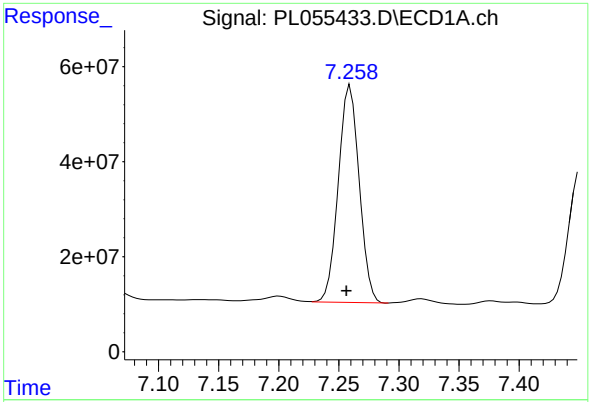
#20 Methoxychlor

R.T.: 7.020 min
Delta R.T.: 0.002 min
Response: 248349465
Conc: 51.53 ng/ml



#20 Methoxychlor

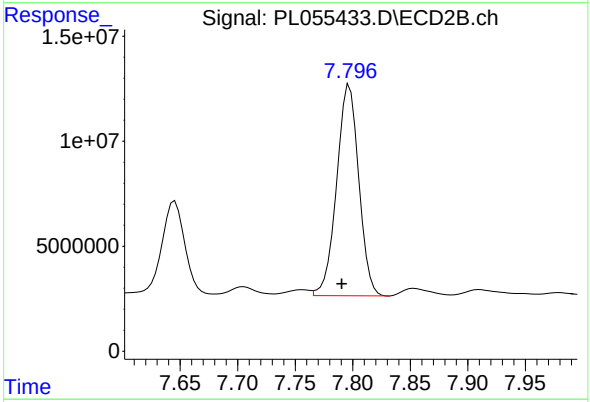
R.T.: 7.645 min
Delta R.T.: 0.005 min
Response: 63060620
Conc: 58.43 ng/ml



#21 Endrin ketone

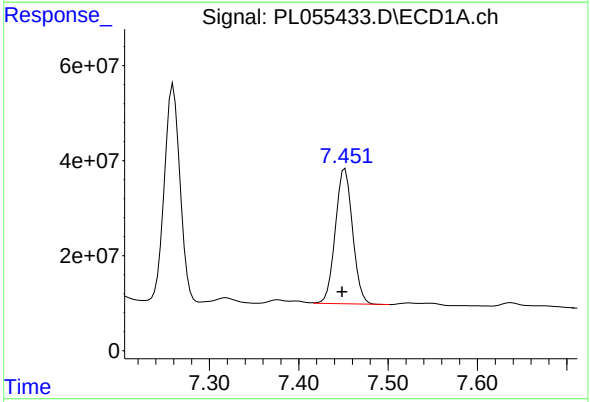
R.T.: 7.260 min
Delta R.T.: 0.003 min
Response: 554758138
Conc: 52.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-123019-0-2-COMP-B1MSD



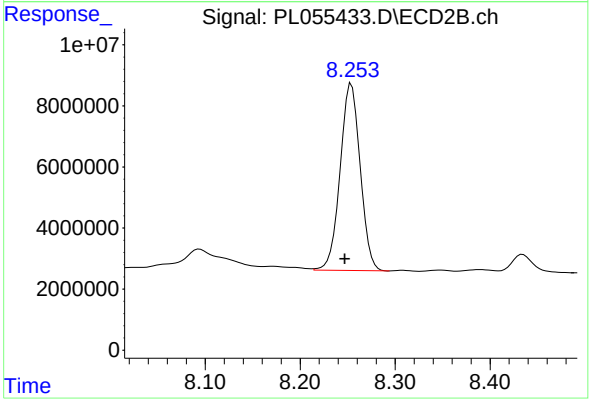
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: 0.007 min
Response: 135099555
Conc: 60.67 ng/ml



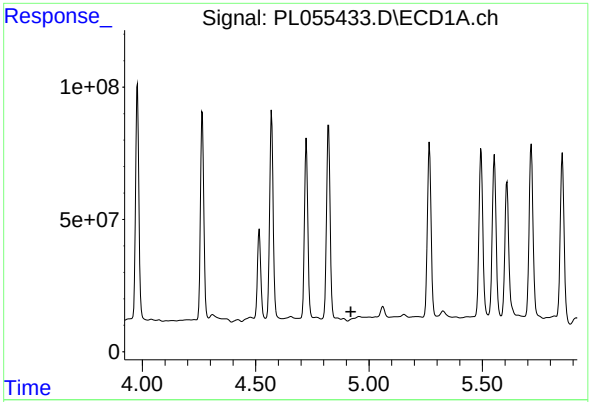
#22 Mirex

R.T.: 7.452 min
Delta R.T.: 0.004 min
Response: 379916061
Conc: 49.88 ng/ml



#22 Mirex

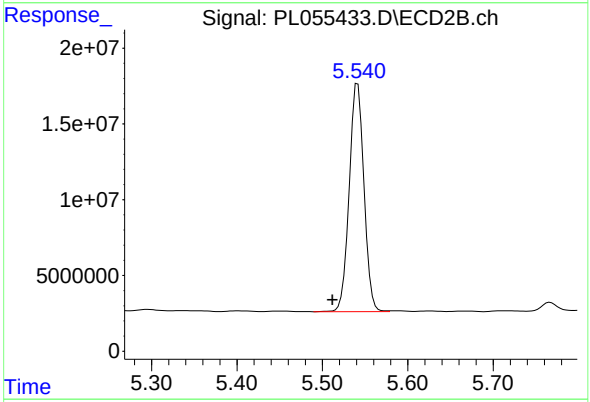
R.T.: 8.254 min
Delta R.T.: 0.007 min
Response: 90051409
Conc: 54.31 ng/ml



#24 Chlordane-2

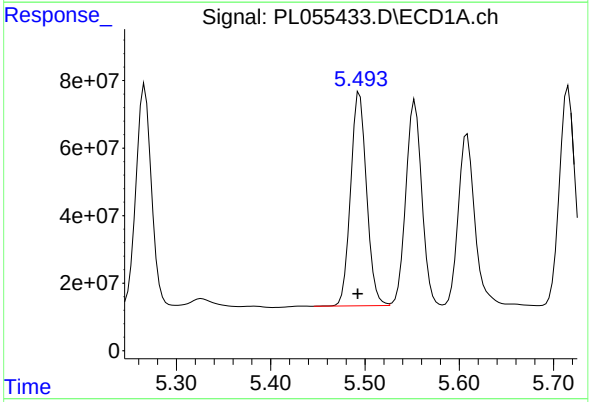
R.T.: 0.000 min
Exp R.T. : 4.919 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MC-123019-0-2-COMP-B1MSD



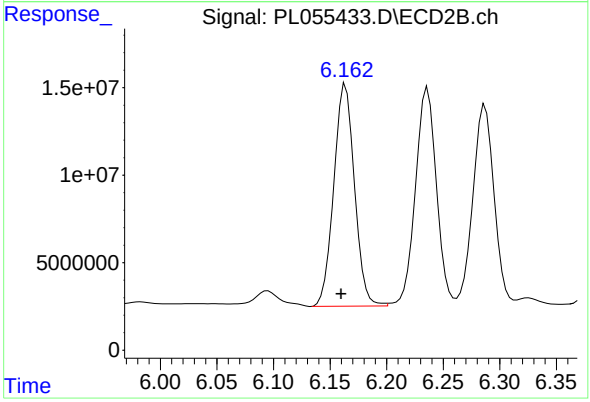
#24 Chlordane-2

R.T.: 5.541 min
Delta R.T.: 0.030 min
Response: 180591109
Conc: 1897.18 ng/ml



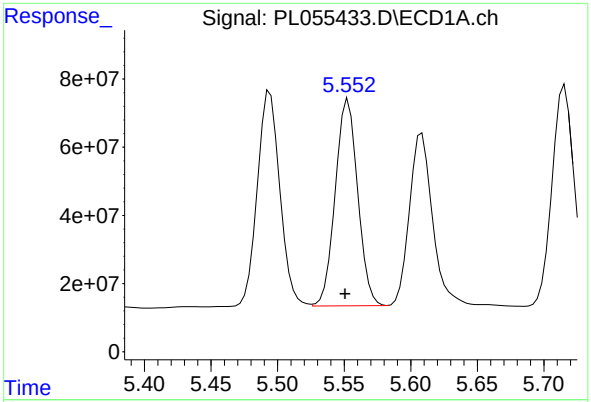
#25 Chlordane-3

R.T.: 5.494 min
Delta R.T.: 0.002 min
Response: 745016996
Conc: 587.80 ng/ml



#25 Chlordane-3

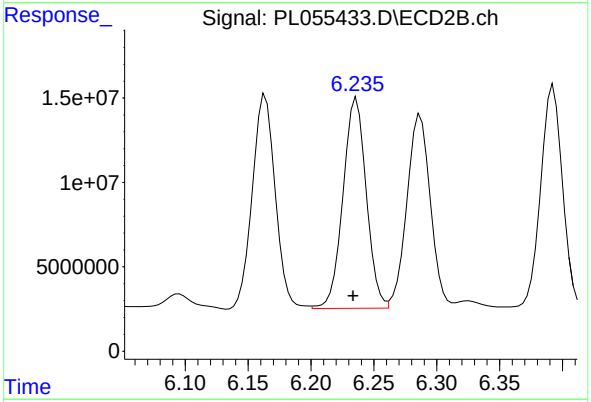
R.T.: 6.164 min
Delta R.T.: 0.004 min
Response: 161447483
Conc: 501.68 ng/ml



#26 Chlordane-4

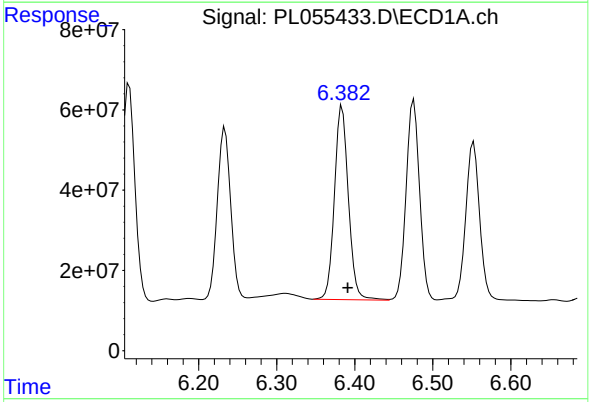
R.T.: 5.553 min
Delta R.T.: 0.002 min
Response: 711464911
Conc: 679.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-123019-0-2-COMP-B1MSD



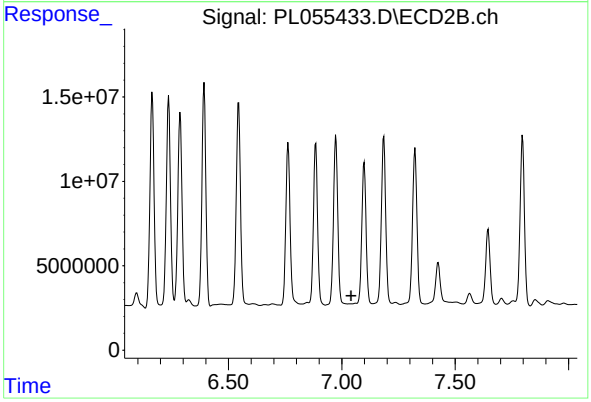
#26 Chlordane-4

R.T.: 6.236 min
Delta R.T.: 0.003 min
Response: 160686260
Conc: 418.04 ng/ml



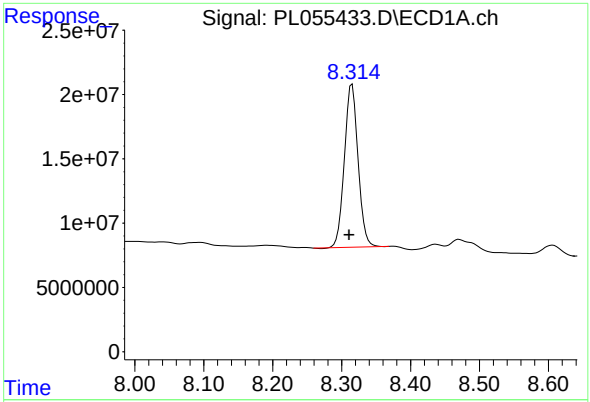
#27 Chlordane-5

R.T.: 6.384 min
Delta R.T.: -0.007 min
Response: 599416476
Conc: 1538.27 ng/ml



#27 Chlordane-5

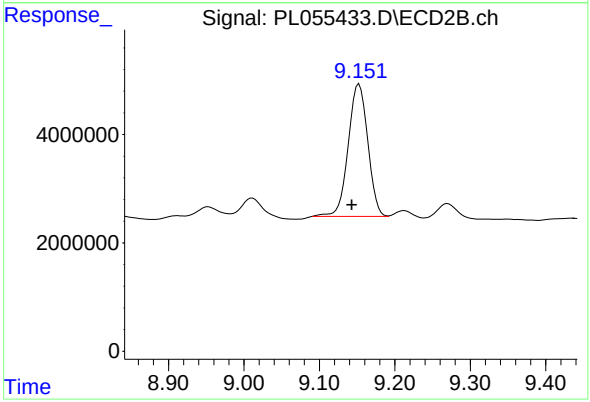
R.T.: 0.000 min
Exp R.T. : 7.041 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.315 min
Delta R.T.: 0.005 min
Response: 174369307
Conc: 18.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-123019-0-2-COMP-B1MSD



#28 Decachlorobiphenyl

R.T.: 9.153 min
Delta R.T.: 0.010 min
Response: 44076491
Conc: 19.97 ng/ml