

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103118\
 Data File : PL041533.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2018 10:04
 Operator : AJ\SJ
 Sample : SOIL IDOC-02
 Misc : FOR SOMINA -PB114299
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 01:15:47 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102918.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 30 01:26:00 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...	3.479	4.104	112.2E6	58755594	17.606	19.075
28)	SA Decachlor...	8.223	9.236	119.9E6	47794065	18.105	18.654
Target Compounds							
2)	A alpha-BHC	3.921	4.499	519.1E6	251.6E6	53.432	54.849
3)	MA gamma-BHC...	4.204	4.788	482.3E6	233.6E6	53.984	55.103
4)	MA Heptachlor	4.501	5.305	497.4E6	231.3E6	54.275	56.878
5)	MB Aldrin	4.748	5.613	472.9E6	221.7E6	56.020	58.036
6)	B beta-BHC	4.457	4.957	195.4E6	99436402	51.836	57.897
7)	B delta-BHC	4.660	5.177	432.5E6	212.5E6	52.071	52.623
8)	B Heptachlo...	5.192	6.001	433.0E6	187.8E6	53.626	53.416
9)	A Endosulfan I	5.530	6.361	392.2E6	173.4E6	52.705	55.796
10)	B gamma-Chl...	5.418	6.236	434.2E6	189.0E6	53.324	55.998
11)	B alpha-Chl...	5.475	6.310	424.0E6	186.7E6	52.375	55.160
12)	B 4,4'-DDE	5.641	6.464	386.2E6	183.3E6	53.949	56.015
13)	MA Dieldrin	5.772	6.620	427.6E6	182.9E6	53.769	56.726
14)	MA Endrin	6.029	6.839	384.2E6	151.6E6	52.528	55.751
15)	B Endosulfa...	6.304	7.048	357.0E6	148.4E6	51.644	54.847
16)	A 4,4'-DDD	6.158	6.956	310.7E6	144.7E6	53.466	58.112
17)	MA 4,4'-DDT	6.396	7.256	335.5E6	144.5E6	55.152	57.480
18)	B Endrin al...	6.472	7.171	284.8E6	122.5E6	51.708	55.987
19)	B Endosulfa...	6.685	7.395	346.1E6	144.1E6	54.201	58.078
20)	A Methoxychlor	6.944	7.712	177.4E6	71084158	52.783	54.870
21)	B Endrin ke...	7.174	7.870	388.5E6	147.5E6	53.826	56.038
23)	Chlordane-1	0.000	5.177	0	212.5E6	N.D.	1530.056 #
24)	Chlordane-2	0.000	5.613	0	221.7E6	N.D.	1668.020 #
25)	Chlordane-3	5.418	6.236	434.2E6	189.0E6	487.215	420.064
26)	Chlordane-4	5.475	6.310	424.0E6	186.7E6	541.586	357.077 #
27)	Chlordane-5	6.304	7.171	357.0E6	122.5E6	1431.492	1254.825

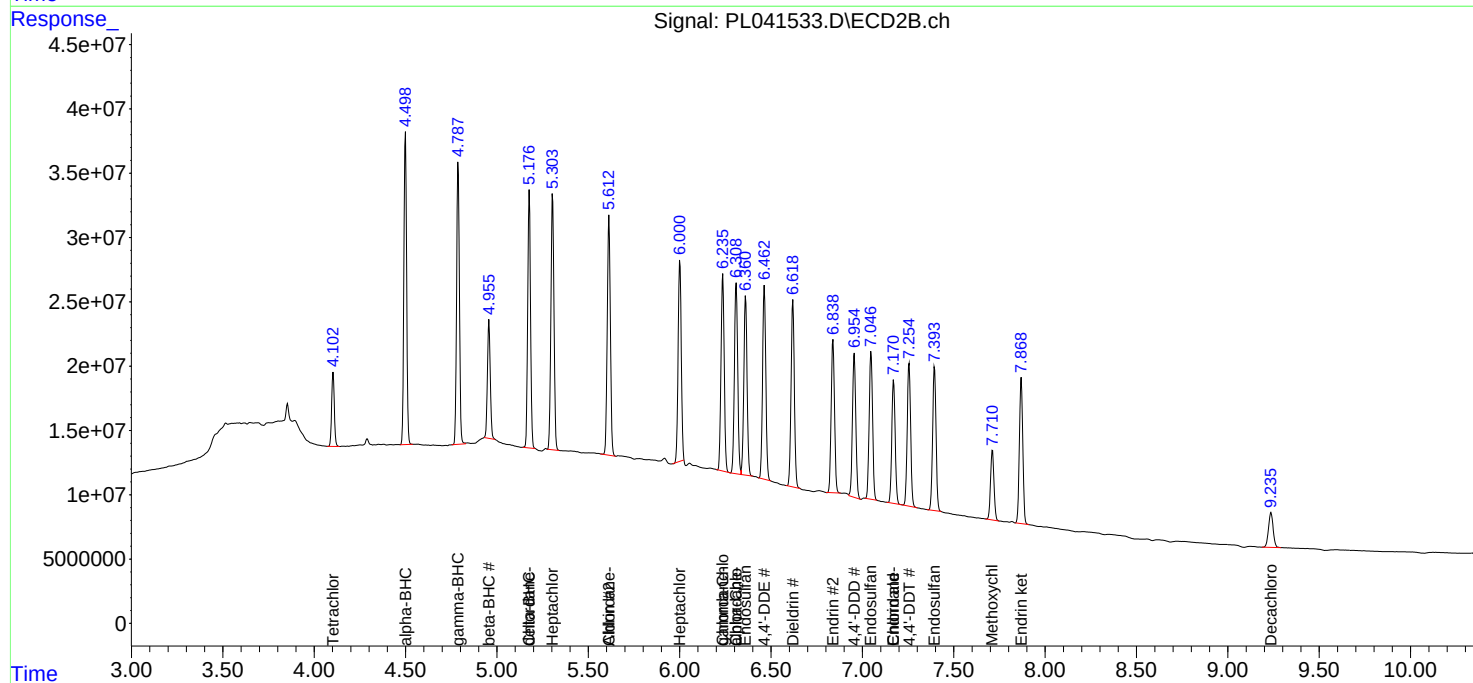
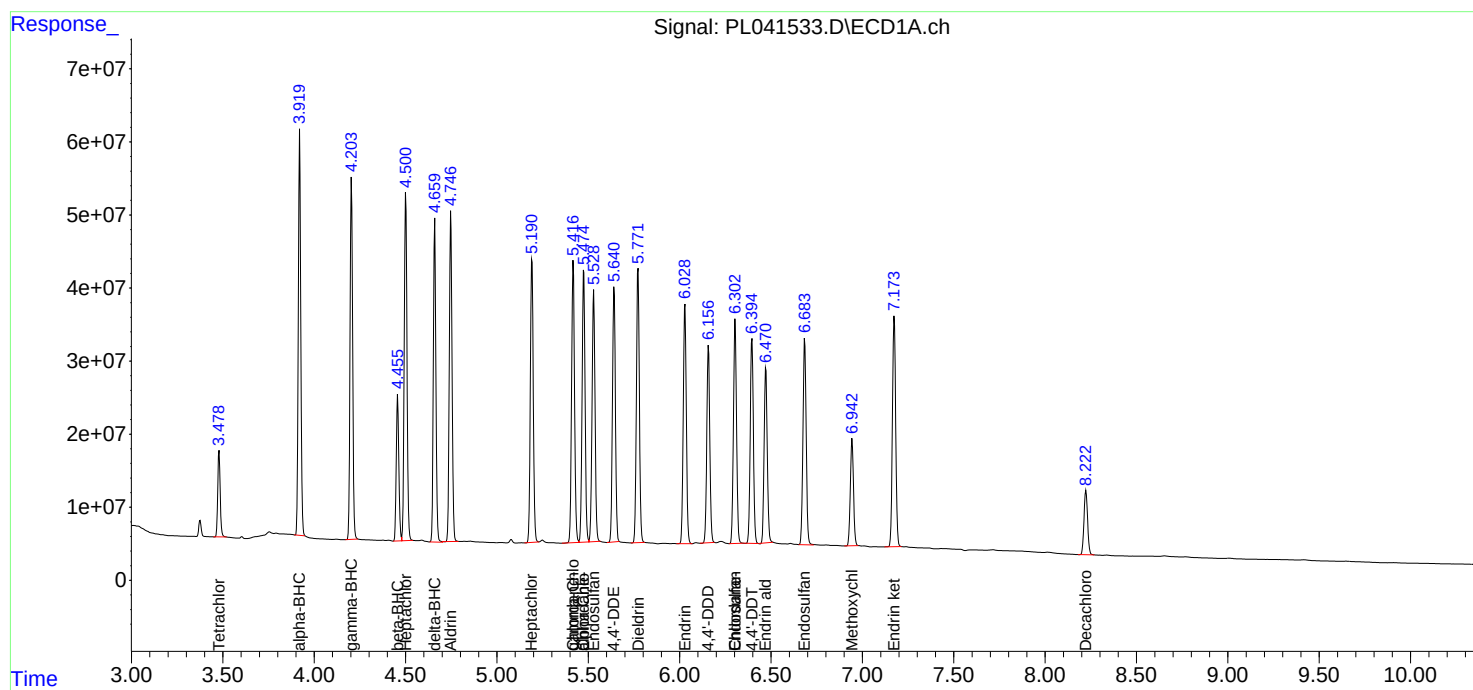
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

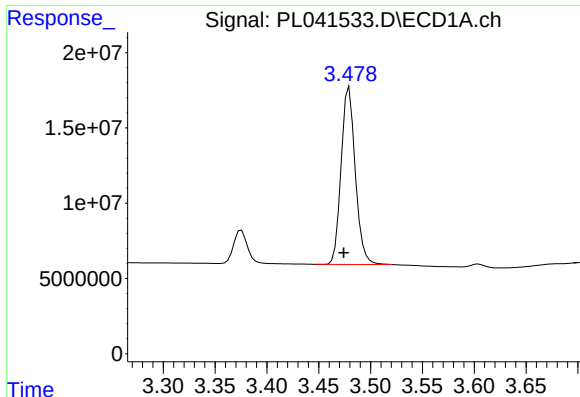
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103118\
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 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

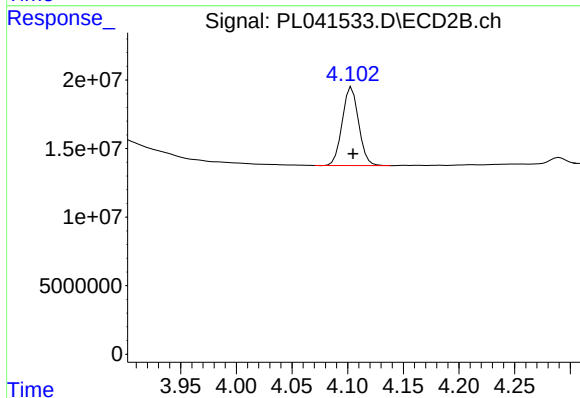




#1 Tetrachloro-m-xylene

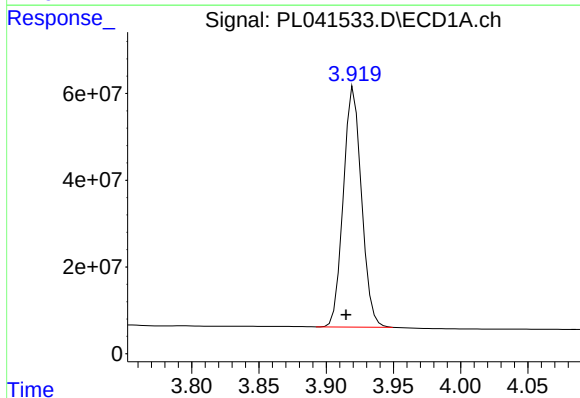
R.T.: 3.479 min
Delta R.T.: 0.005 min
Response: 112152726
Conc: 17.61 ng/ml

Instrument :
ECD_L
ClientSampleId :



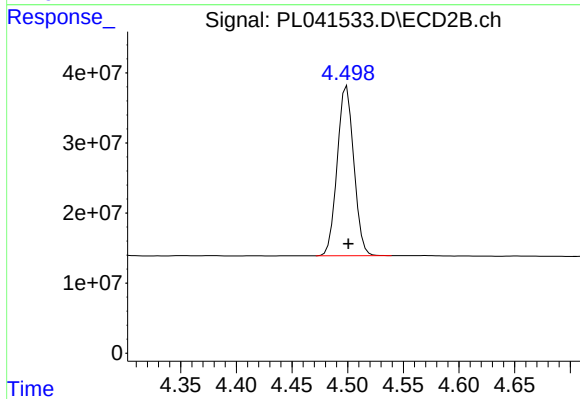
#1 Tetrachloro-m-xylene

R.T.: 4.104 min
Delta R.T.: -0.001 min
Response: 58755594
Conc: 19.08 ng/ml



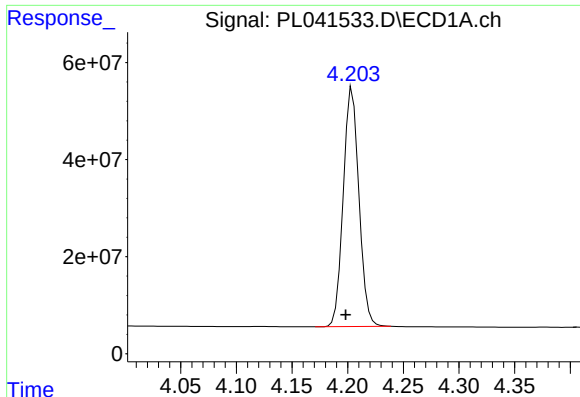
#2 alpha-BHC

R.T.: 3.921 min
Delta R.T.: 0.006 min
Response: 519111432
Conc: 53.43 ng/ml



#2 alpha-BHC

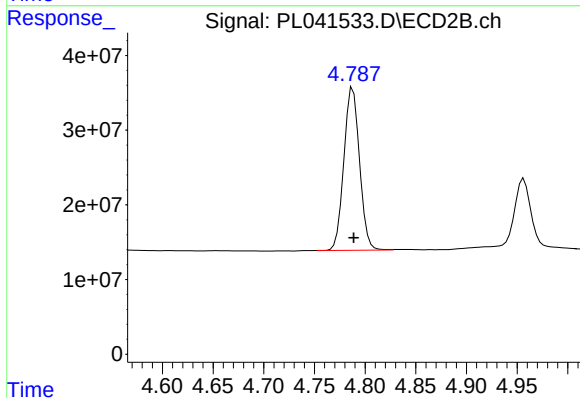
R.T.: 4.499 min
Delta R.T.: -0.001 min
Response: 251582741
Conc: 54.85 ng/ml



#3 gamma-BHC (Lindane)

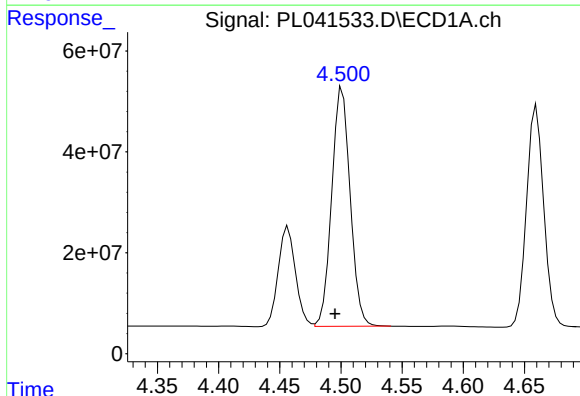
R.T.: 4.204 min
Delta R.T.: 0.006 min
Response: 482286387
Conc: 53.98 ng/ml

Instrument :
ECD_L
ClientSampleId :



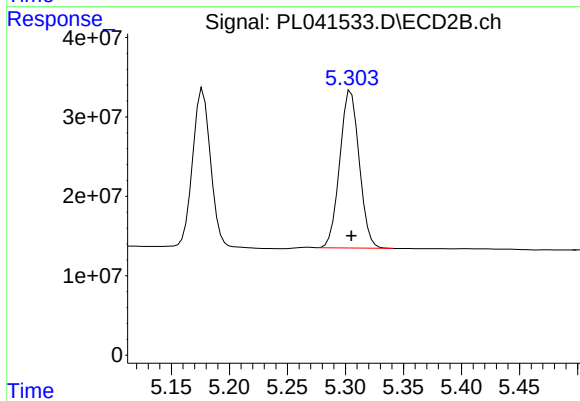
#3 gamma-BHC (Lindane)

R.T.: 4.788 min
Delta R.T.: -0.001 min
Response: 233616661
Conc: 55.10 ng/ml



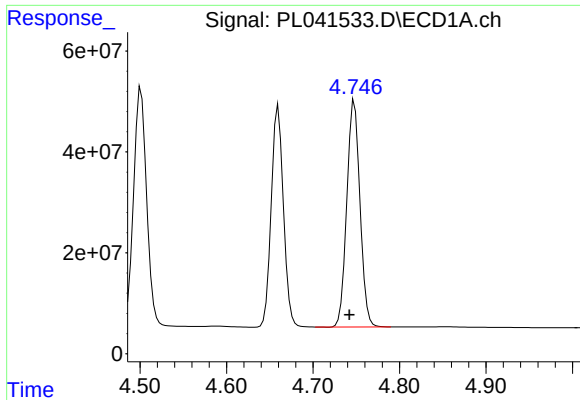
#4 Heptachlor

R.T.: 4.501 min
Delta R.T.: 0.006 min
Response: 497433691
Conc: 54.27 ng/ml



#4 Heptachlor

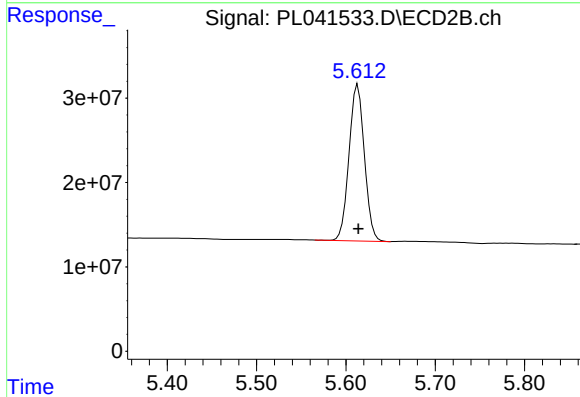
R.T.: 5.305 min
Delta R.T.: 0.000 min
Response: 231283524
Conc: 56.88 ng/ml



#5 Aldrin

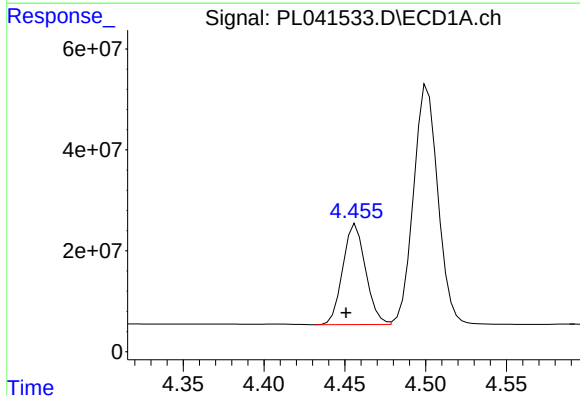
R.T.: 4.748 min
Delta R.T.: 0.006 min
Response: 472935979
Conc: 56.02 ng/ml

Instrument :
ECD_L
ClientSampleId :



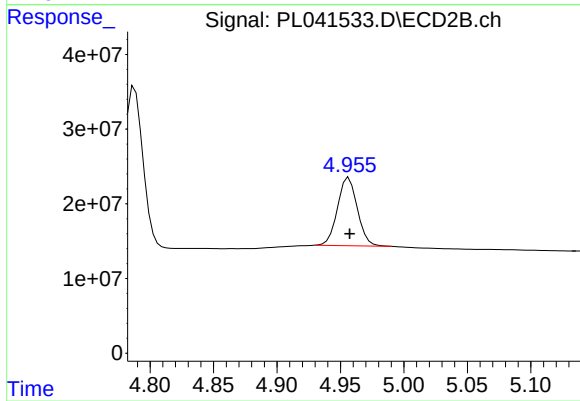
#5 Aldrin

R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 221654067
Conc: 58.04 ng/ml



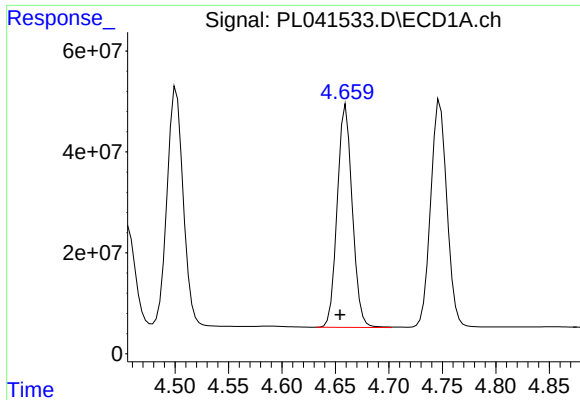
#6 beta-BHC

R.T.: 4.457 min
Delta R.T.: 0.006 min
Response: 195378660
Conc: 51.84 ng/ml



#6 beta-BHC

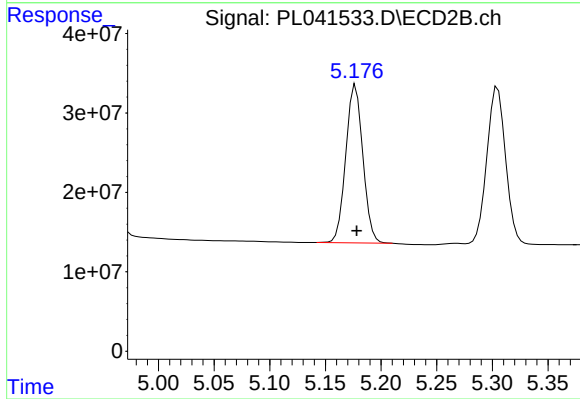
R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 99436402
Conc: 57.90 ng/ml



#7 delta-BHC

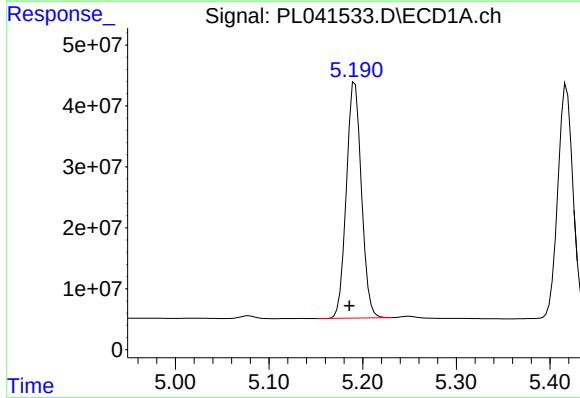
R.T.: 4.660 min
Delta R.T.: 0.006 min
Response: 432488487
Conc: 52.07 ng/ml

Instrument :
ECD_L
ClientSampleId :



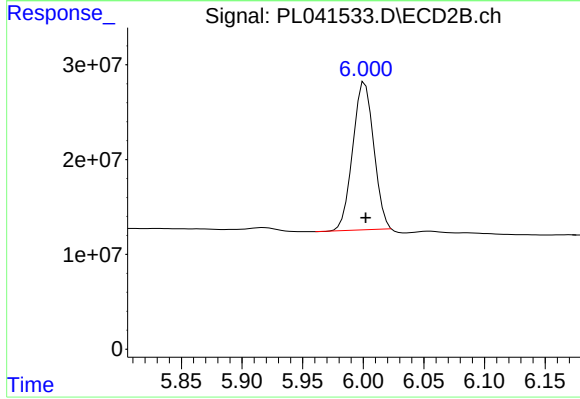
#7 delta-BHC

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 212509321
Conc: 52.62 ng/ml



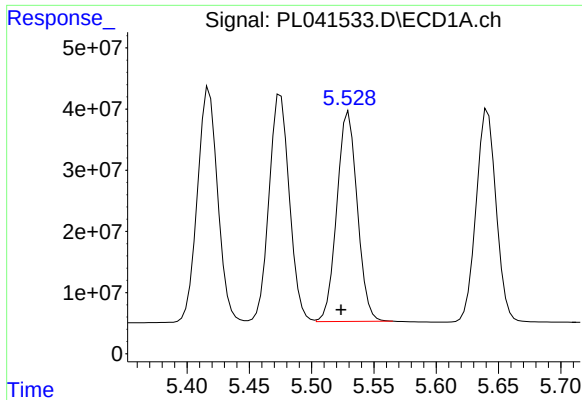
#8 Heptachlor epoxide

R.T.: 5.192 min
Delta R.T.: 0.006 min
Response: 432990088
Conc: 53.63 ng/ml



#8 Heptachlor epoxide

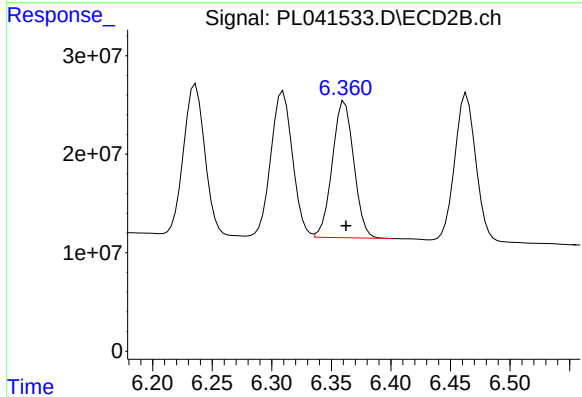
R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 187789024
Conc: 53.42 ng/ml



#9 Endosulfan I

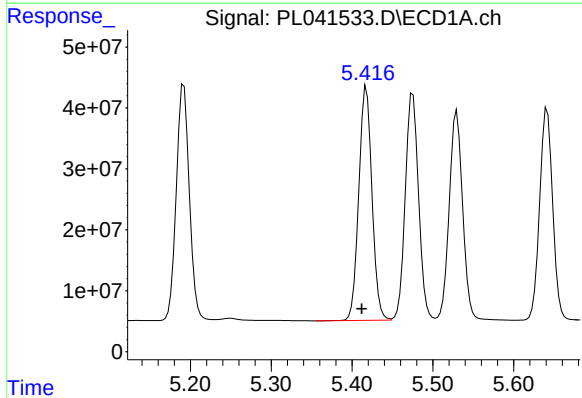
R.T.: 5.530 min
Delta R.T.: 0.006 min
Response: 392203516
Conc: 52.71 ng/ml

Instrument :
ECD_L
ClientSampleId :



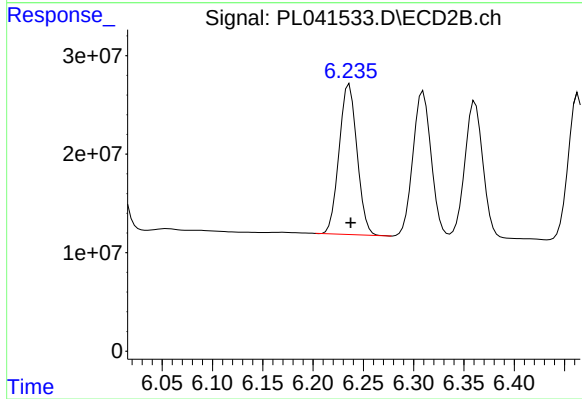
#9 Endosulfan I

R.T.: 6.361 min
Delta R.T.: -0.001 min
Response: 173409782
Conc: 55.80 ng/ml



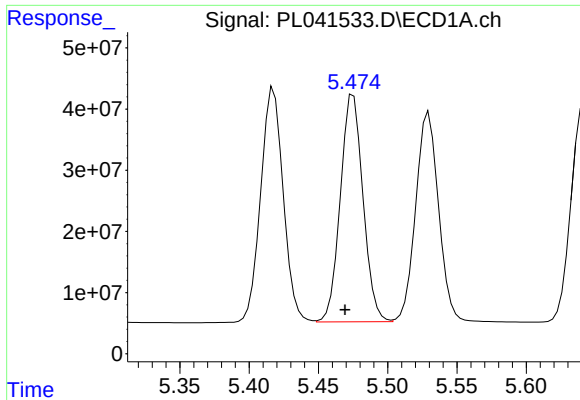
#10 gamma-Chlordane

R.T.: 5.418 min
Delta R.T.: 0.006 min
Response: 434247878
Conc: 53.32 ng/ml



#10 gamma-Chlordane

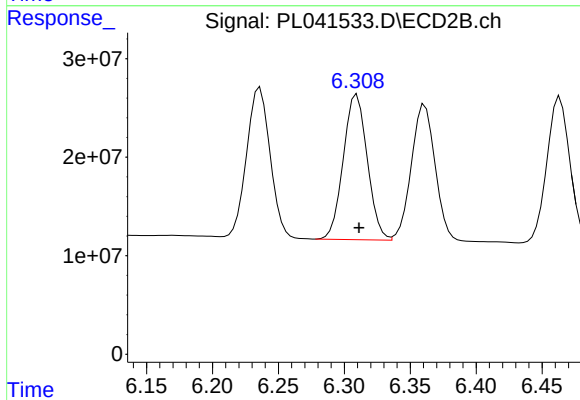
R.T.: 6.236 min
Delta R.T.: -0.001 min
Response: 189040728
Conc: 56.00 ng/ml



#11 alpha-Chlordane

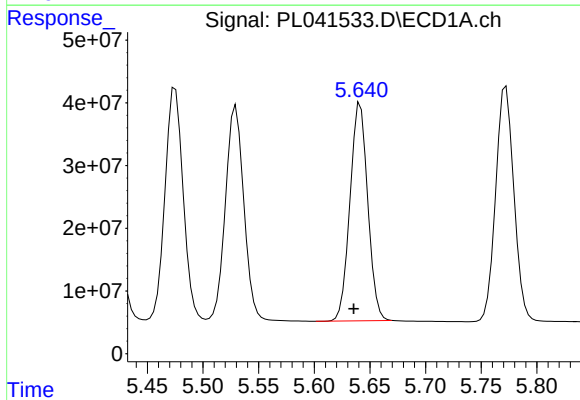
R.T.: 5.475 min
Delta R.T.: 0.006 min
Response: 424036126
Conc: 52.37 ng/ml

Instrument :
ECD_L
ClientSampleId :



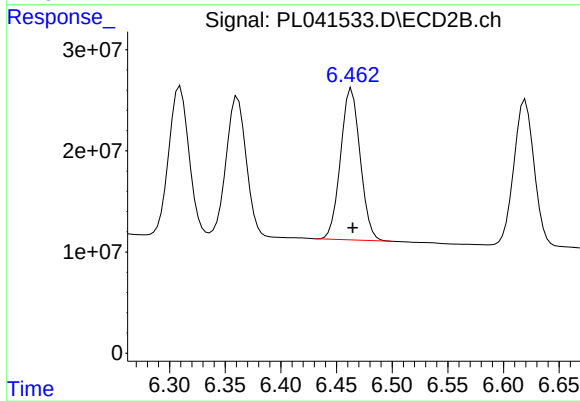
#11 alpha-Chlordane

R.T.: 6.310 min
Delta R.T.: -0.002 min
Response: 186687265
Conc: 55.16 ng/ml



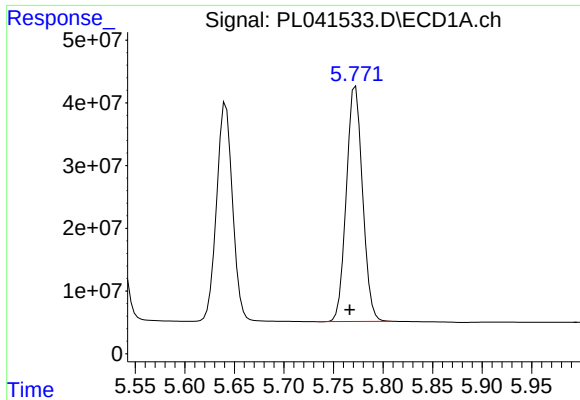
#12 4,4'-DDE

R.T.: 5.641 min
Delta R.T.: 0.006 min
Response: 386170572
Conc: 53.95 ng/ml



#12 4,4'-DDE

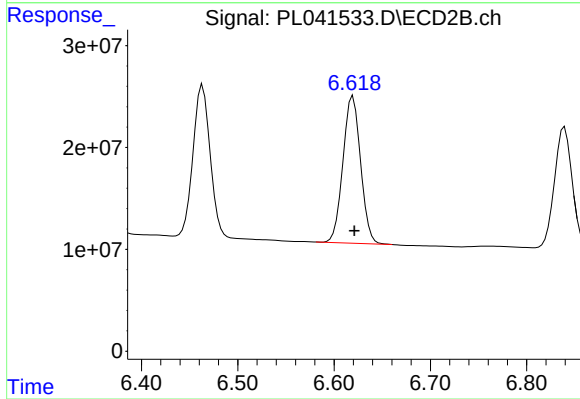
R.T.: 6.464 min
Delta R.T.: -0.001 min
Response: 183306476
Conc: 56.02 ng/ml



#13 Dieldrin

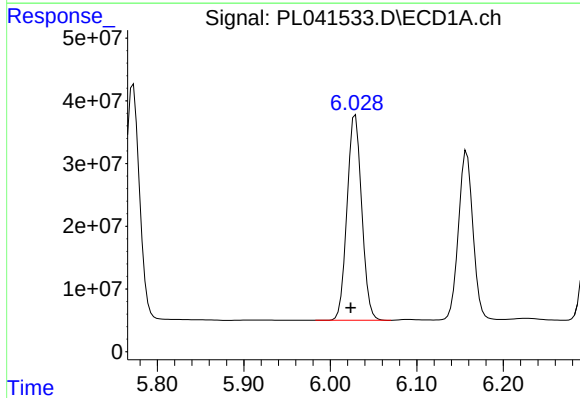
R.T.: 5.772 min
Delta R.T.: 0.006 min
Response: 427576422
Conc: 53.77 ng/ml

Instrument :
ECD_L
ClientSampleId :



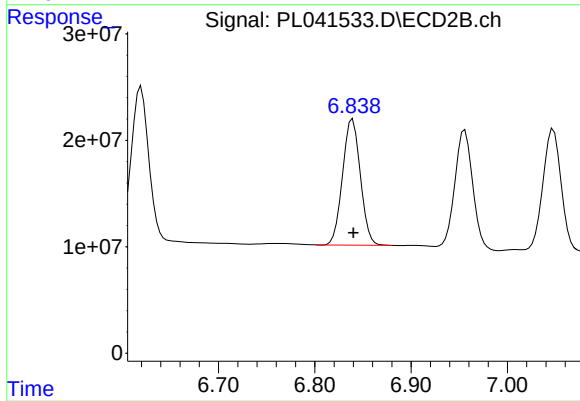
#13 Dieldrin

R.T.: 6.620 min
Delta R.T.: -0.001 min
Response: 182853623
Conc: 56.73 ng/ml



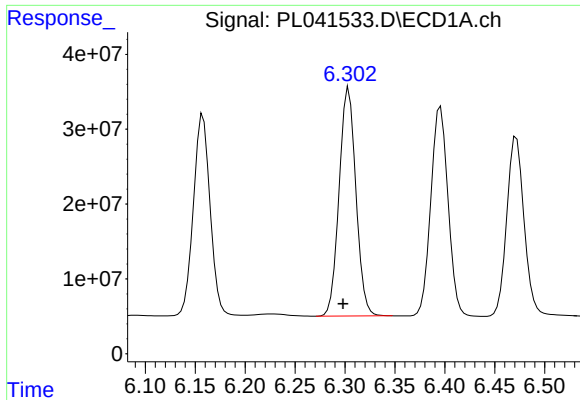
#14 Endrin

R.T.: 6.029 min
Delta R.T.: 0.005 min
Response: 384199920
Conc: 52.53 ng/ml



#14 Endrin

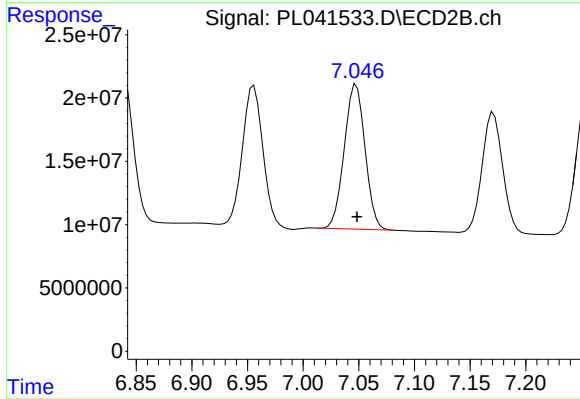
R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 151561743
Conc: 55.75 ng/ml



#15 Endosulfan II

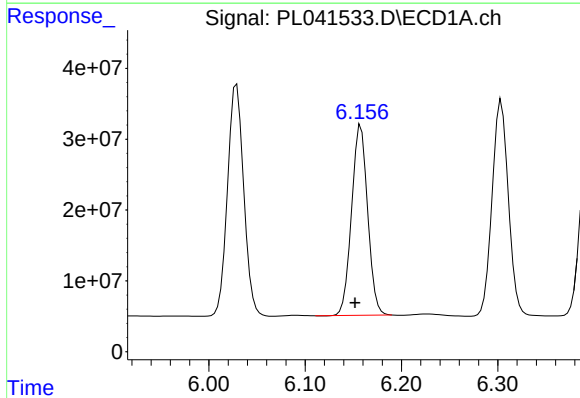
R.T.: 6.304 min
Delta R.T.: 0.006 min
Response: 356962149
Conc: 51.64 ng/ml

Instrument :
ECD_L
ClientSampleId :



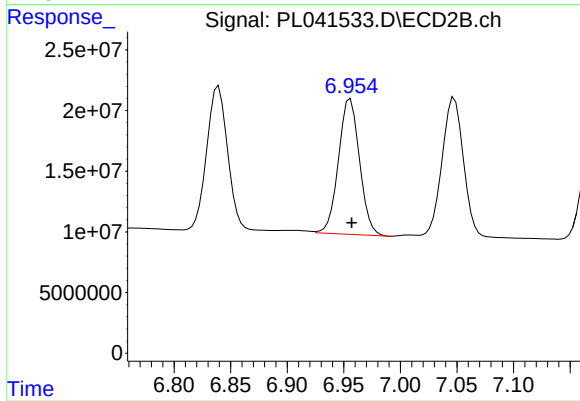
#15 Endosulfan II

R.T.: 7.048 min
Delta R.T.: 0.000 min
Response: 148379961
Conc: 54.85 ng/ml



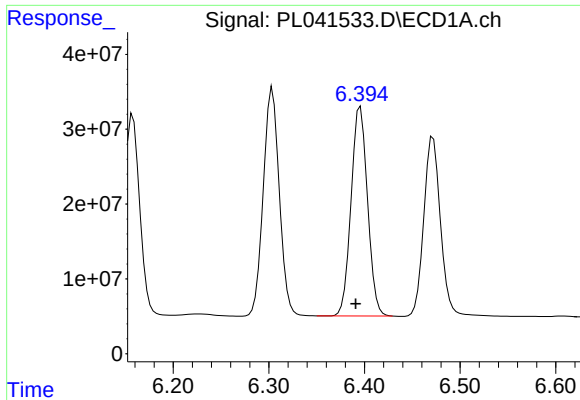
#16 4,4'-DDD

R.T.: 6.158 min
Delta R.T.: 0.006 min
Response: 310690753
Conc: 53.47 ng/ml



#16 4,4'-DDD

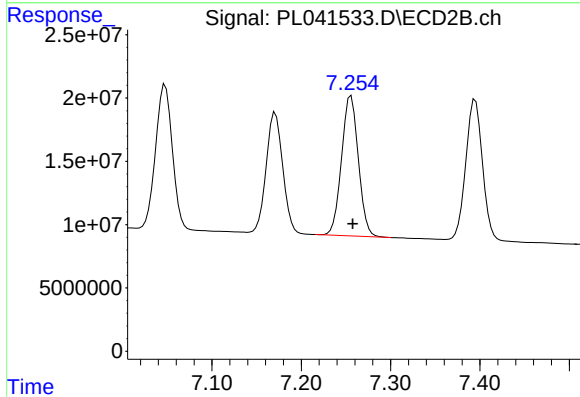
R.T.: 6.956 min
Delta R.T.: -0.001 min
Response: 144689101
Conc: 58.11 ng/ml



#17 4,4'-DDT

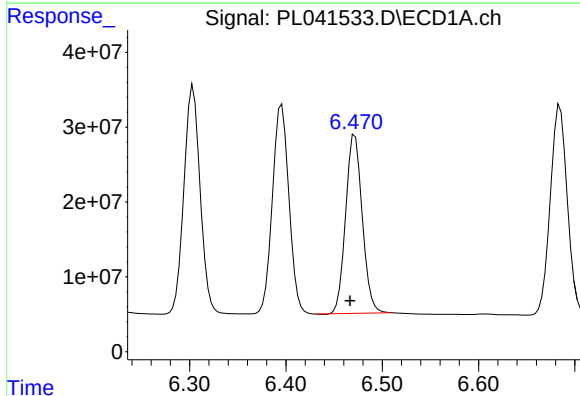
R.T.: 6.396 min
Delta R.T.: 0.005 min
Response: 335531699
Conc: 55.15 ng/ml

Instrument :
ECD_L
ClientSampleId :



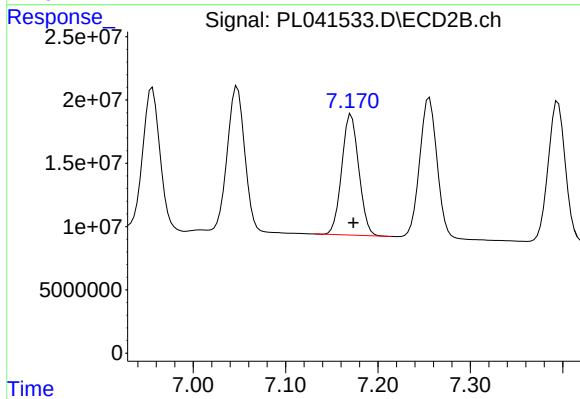
#17 4,4'-DDT

R.T.: 7.256 min
Delta R.T.: -0.002 min
Response: 144506431
Conc: 57.48 ng/ml



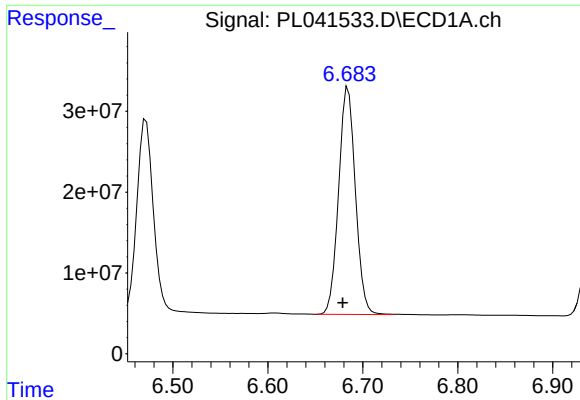
#18 Endrin aldehyde

R.T.: 6.472 min
Delta R.T.: 0.005 min
Response: 284798269
Conc: 51.71 ng/ml



#18 Endrin aldehyde

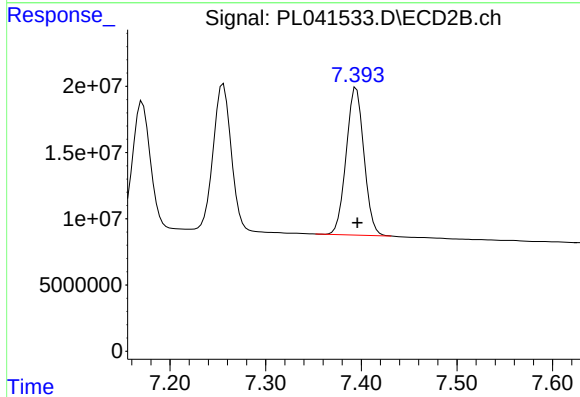
R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 122547806
Conc: 55.99 ng/ml



#19 Endosulfan Sulfate

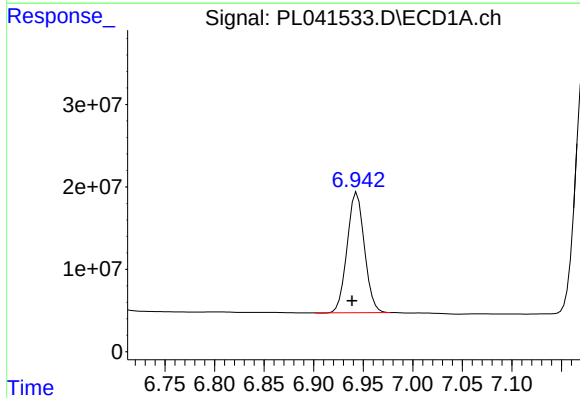
R.T.: 6.685 min
Delta R.T.: 0.006 min
Response: 346143950
Conc: 54.20 ng/ml

Instrument :
ECD_L
ClientSampleId :



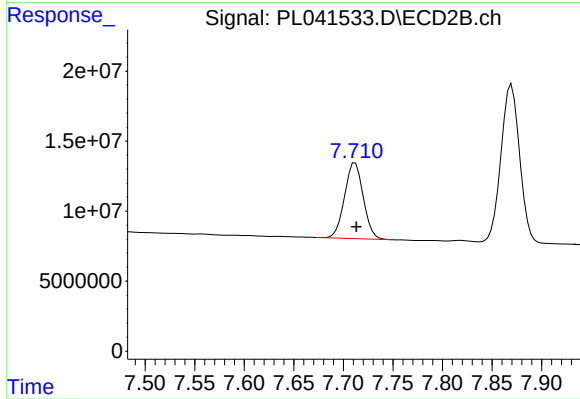
#19 Endosulfan Sulfate

R.T.: 7.395 min
Delta R.T.: -0.001 min
Response: 144126461
Conc: 58.08 ng/ml



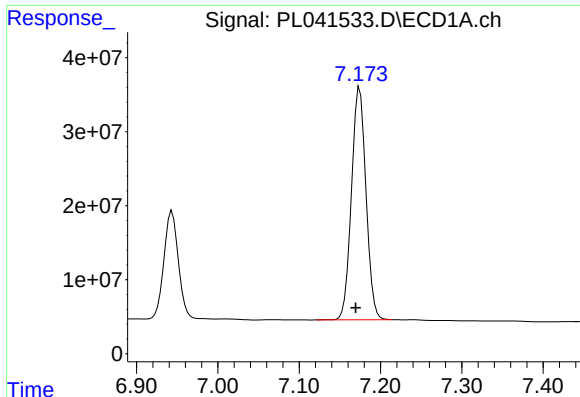
#20 Methoxychlor

R.T.: 6.944 min
Delta R.T.: 0.005 min
Response: 177430719
Conc: 52.78 ng/ml



#20 Methoxychlor

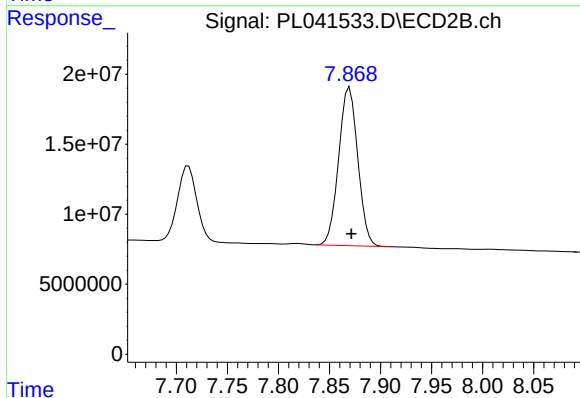
R.T.: 7.712 min
Delta R.T.: -0.001 min
Response: 71084158
Conc: 54.87 ng/ml



#21 Endrin ketone

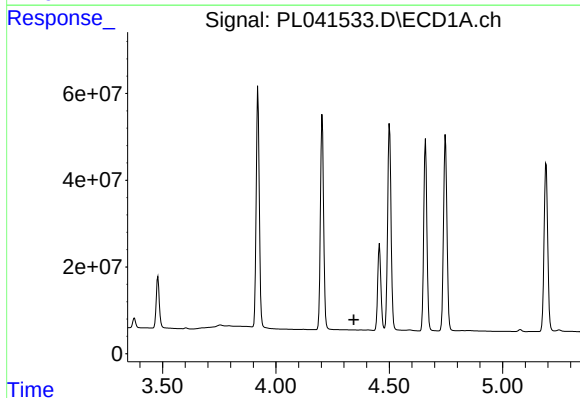
R.T.: 7.174 min
Delta R.T.: 0.005 min
Response: 388494354
Conc: 53.83 ng/ml

Instrument :
ECD_L
ClientSampleId :



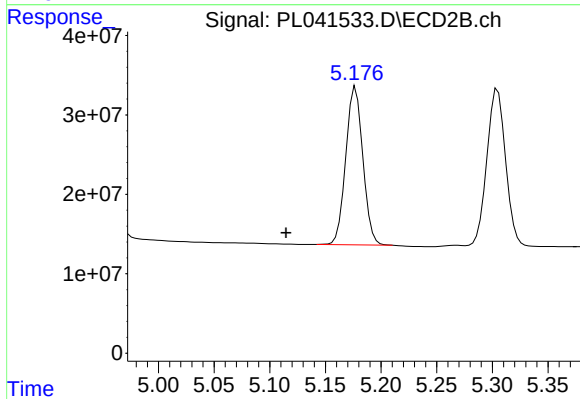
#21 Endrin ketone

R.T.: 7.870 min
Delta R.T.: -0.002 min
Response: 147474073
Conc: 56.04 ng/ml



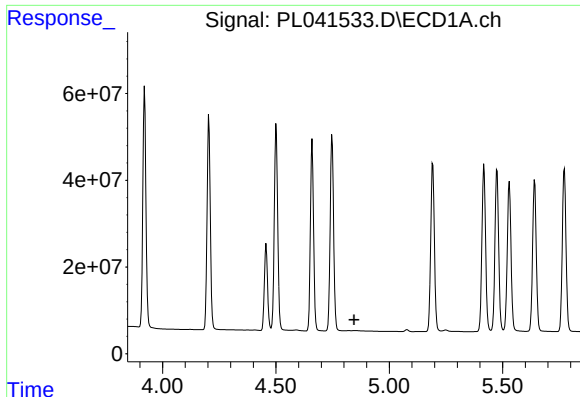
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.344 min
Response: 0
Conc: N.D.



#23 Chlordane-1

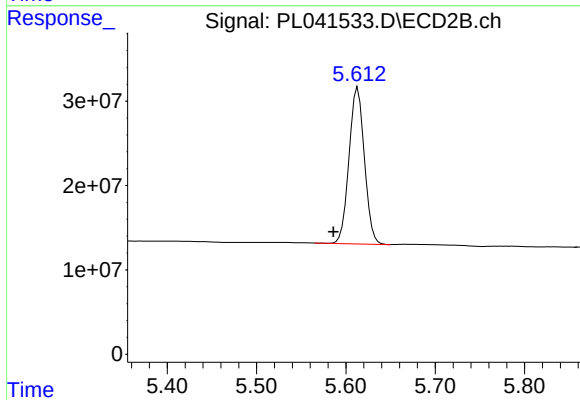
R.T.: 5.177 min
Delta R.T.: 0.063 min
Response: 212509321
Conc: 1530.06 ng/ml



#24 Chlordane-2

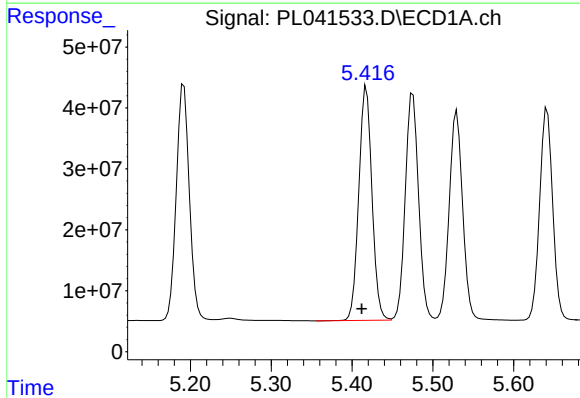
R.T.: 0.000 min
Exp R.T.: 4.844 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



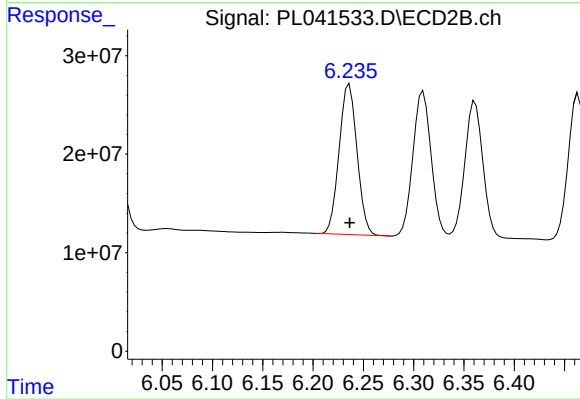
#24 Chlordane-2

R.T.: 5.613 min
Delta R.T.: 0.027 min
Response: 221654067
Conc: 1668.02 ng/ml



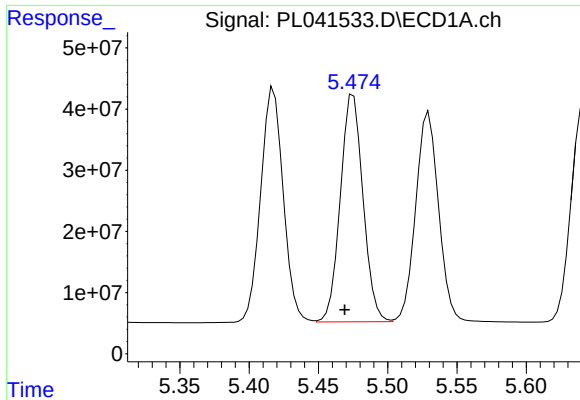
#25 Chlordane-3

R.T.: 5.418 min
Delta R.T.: 0.006 min
Response: 434247878
Conc: 487.22 ng/ml



#25 Chlordane-3

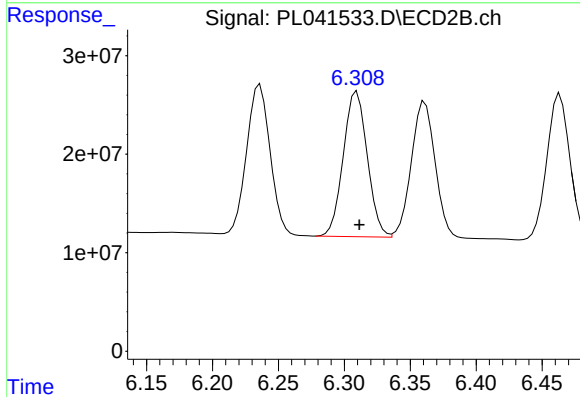
R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 189040728
Conc: 420.06 ng/ml



#26 Chlordane-4

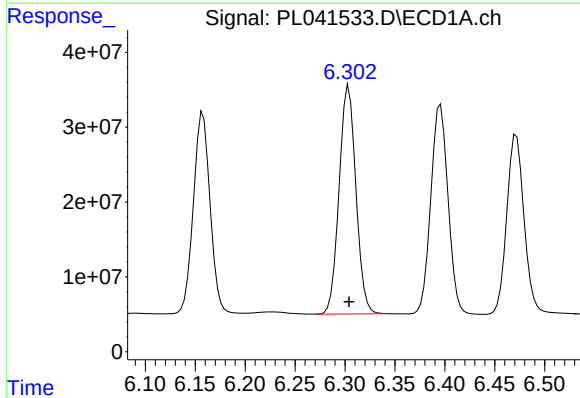
R.T.: 5.475 min
Delta R.T.: 0.006 min
Response: 424036126
Conc: 541.59 ng/ml

Instrument :
ECD_L
ClientSampleId :



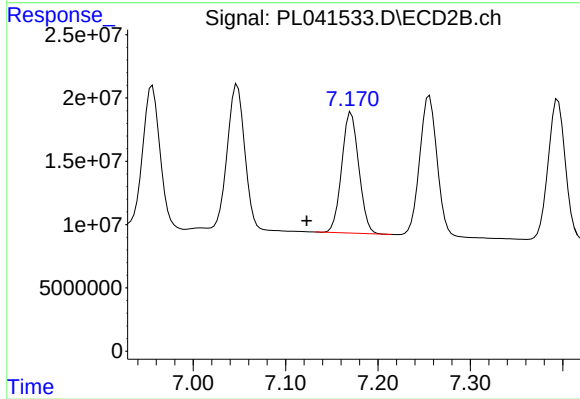
#26 Chlordane-4

R.T.: 6.310 min
Delta R.T.: -0.002 min
Response: 186687265
Conc: 357.08 ng/ml



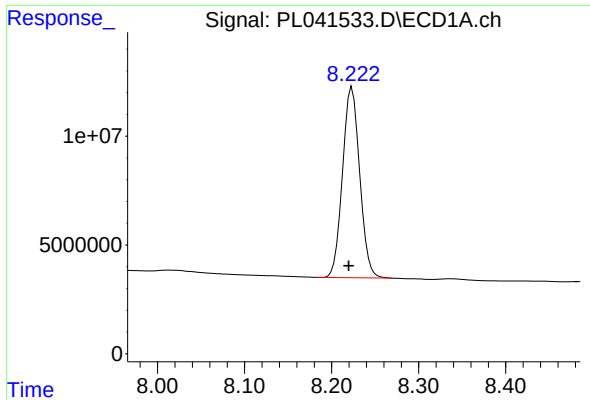
#27 Chlordane-5

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 356962149
Conc: 1431.49 ng/ml



#27 Chlordane-5

R.T.: 7.171 min
Delta R.T.: 0.048 min
Response: 122547806
Conc: 1254.83 ng/ml



#28 Decachlorobiphenyl

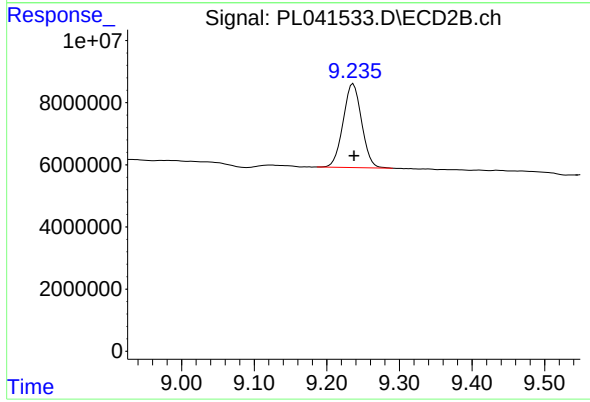
R.T.: 8.223 min

Delta R.T.: 0.004 min

Response: 119928436

Conc: 18.11 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.236 min

Delta R.T.: -0.001 min

Response: 47794065

Conc: 18.65 ng/ml