

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011719\
 Data File : PL044039.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jan 2019 20:48
 Operator : AJ\SJ
 Sample : K1153-02MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RBR200044-RBR200027MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 18 07:09:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011719.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 18 06:10:39 2019
 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...	3.571	4.007	112.8E6	46920841	19.575	21.209
28)	SA Decachlor...	8.298	9.078	137.3E6	45637738	20.318	21.370
Target Compounds							
2)	A alpha-BHC	4.012	4.398	420.1E6	149.4E6	46.816	49.258
3)	MA gamma-BHC...	4.296	4.684	408.4E6	70486948	49.773	24.846 #
4)	MA Heptachlor	4.594	5.193	423.5E6	141.4E6	50.132	49.734
5)	MB Aldrin	4.842	5.498	391.4E6	127.6E6	48.115	47.174
6)	B beta-BHC	4.549	4.855	173.5E6	61437877	49.585	48.498
7)	B delta-BHC	4.753	5.072	336.6E6	98936970	43.981	48.033
8)	B Heptachlo...	5.284	5.885	383.0E6	124.4E6	50.175	52.721
9)	A Endosulfan I	5.623	6.241	352.3E6	118.2E6	49.773	49.323
10)	B gamma-Chl...	5.510	6.119	388.1E6	128.3E6	49.553	49.328
11)	B alpha-Chl...	5.568	6.191	380.4E6	126.9E6	49.334	49.038
12)	B 4,4'-DDE	5.730	6.348	349.9E6	109.8E6	51.466	50.281
13)	MA Dieldrin	5.865	6.498	388.3E6	122.4E6	51.253	49.738
14)	MA Endrin	6.122	6.716	340.9E6	104.2E6	50.340	49.337
15)	B Endosulfa...	6.394	6.925	340.9E6	109.2E6	50.382	50.001
16)	A 4,4'-DDD	6.244	6.838	292.5E6	92895497	52.083	50.754
17)	MA 4,4'-DDT	6.482	7.136	285.0E6	92625019	48.097	47.000
18)	B Endrin al...	6.562	7.049	277.5E6	91788947	50.047	49.140
19)	B Endosulfa...	6.773	7.271	308.5E6	101.4E6	45.984	45.805
20)	A Methoxychlor	7.023	7.593	155.2E6	52112782	46.474	48.092
21)	B Endrin ke...	7.262	7.741	361.9E6	110.8E6	49.750	50.382
23)	Chlordane-1	4.450	5.072	12129085	98936970	46.024	940.635 #
24)	Chlordane-2	0.000	5.498	0	127.6E6	N.D.	1235.474 #
25)	Chlordane-3	5.510	6.119	388.1E6	128.3E6	416.725	359.768
26)	Chlordane-4	5.568	6.191	380.4E6	126.9E6	481.558	294.570 #
27)	Chlordane-5	6.394	7.049	340.9E6	91788947	1292.901	1110.824

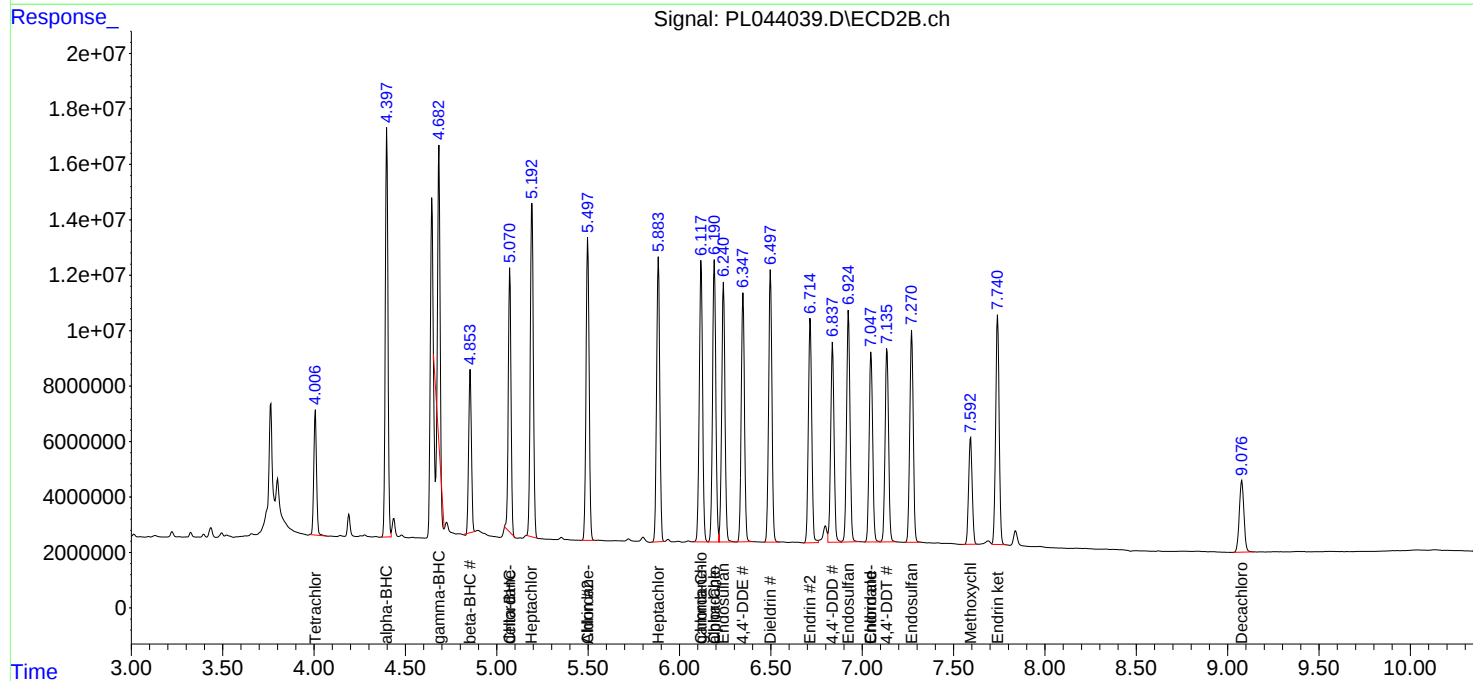
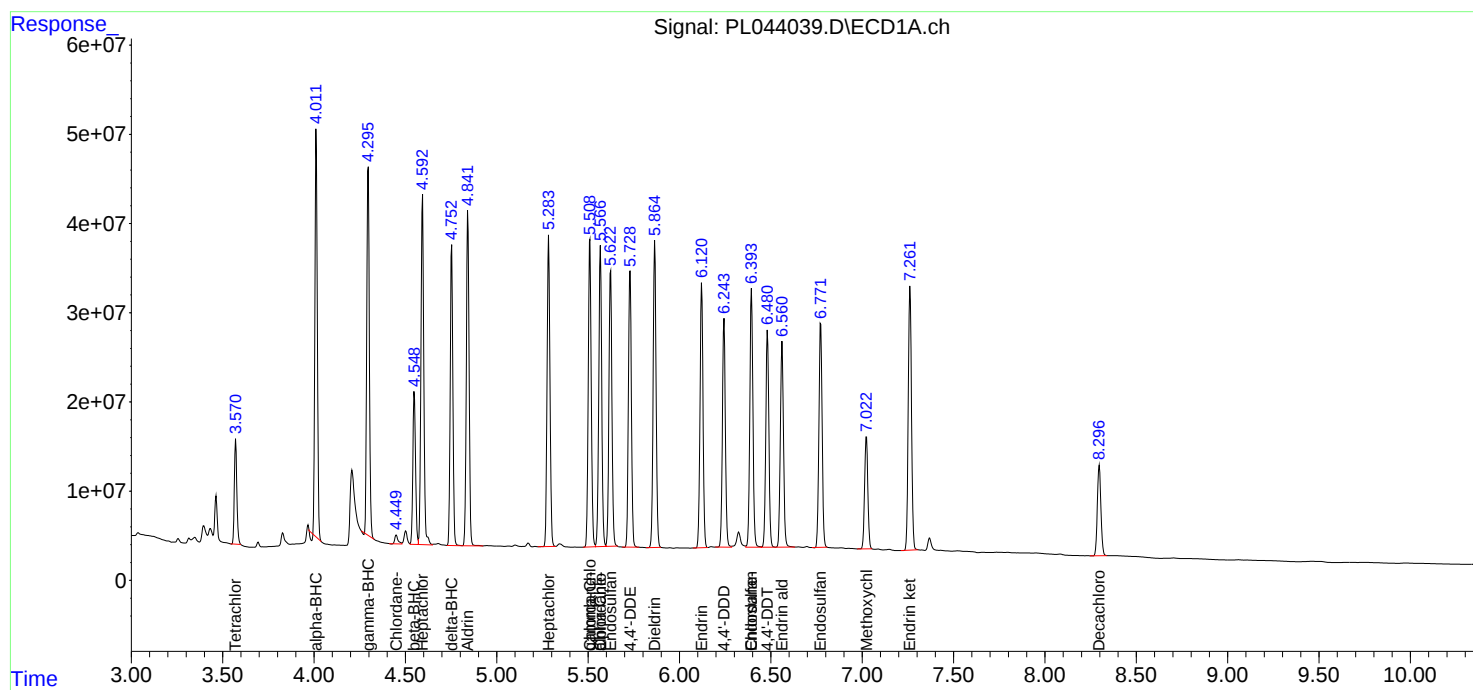
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

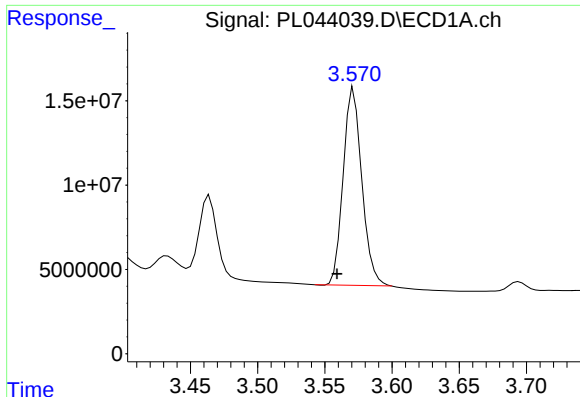
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011719\
Data File : PL044039.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2019 20:48
Operator : AJ\SJ
Sample : K1153-02MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
RBR200044-RBR200027MSD

Integration File signal 1: autoint1.e
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Quant Time: Jan 18 07:09:18 2019
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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

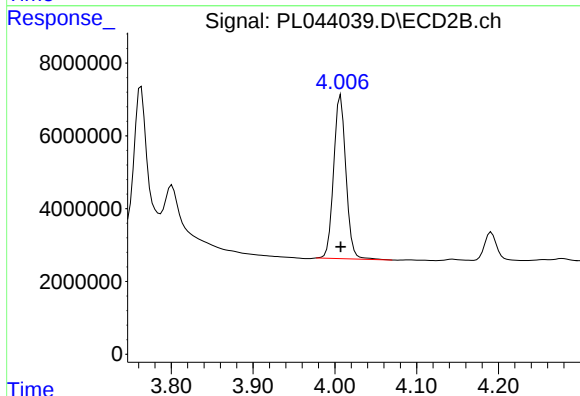




#1 Tetrachloro-m-xylene

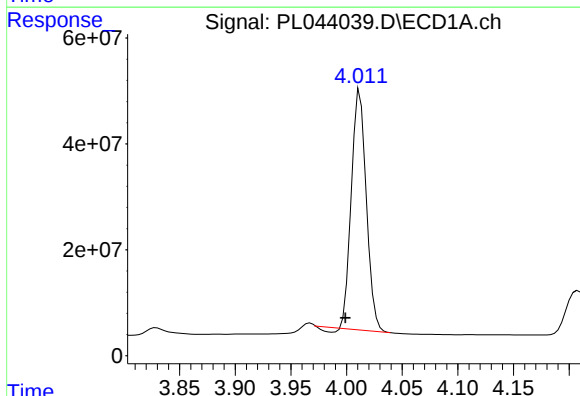
R.T.: 3.571 min
Delta R.T.: 0.012 min
Response: 112784081
Conc: 19.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR200044-RBR200027MSD



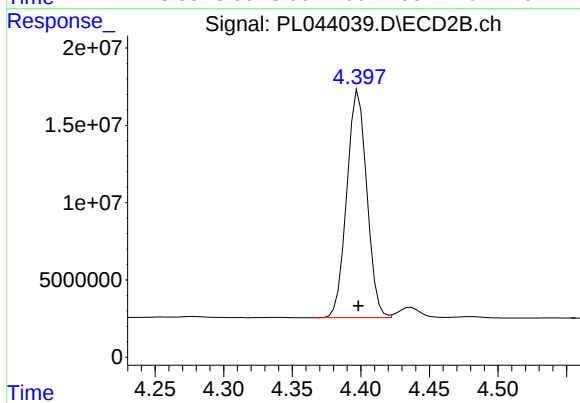
#1 Tetrachloro-m-xylene

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 46920841
Conc: 21.21 ng/ml



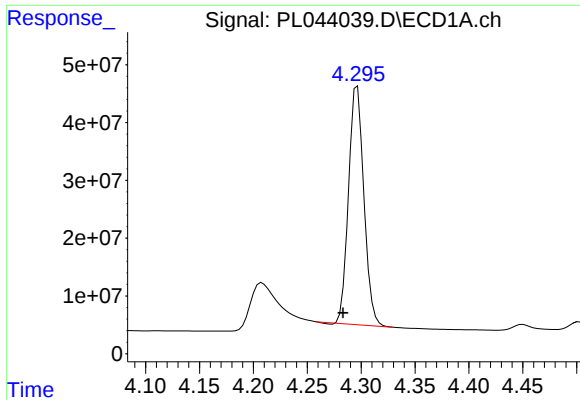
#2 alpha-BHC

R.T.: 4.012 min
Delta R.T.: 0.013 min
Response: 420145239
Conc: 46.82 ng/ml



#2 alpha-BHC

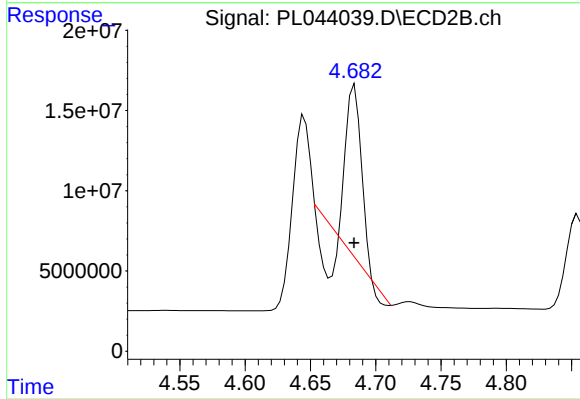
R.T.: 4.398 min
Delta R.T.: 0.000 min
Response: 149405299
Conc: 49.26 ng/ml



#3 gamma-BHC (Lindane)

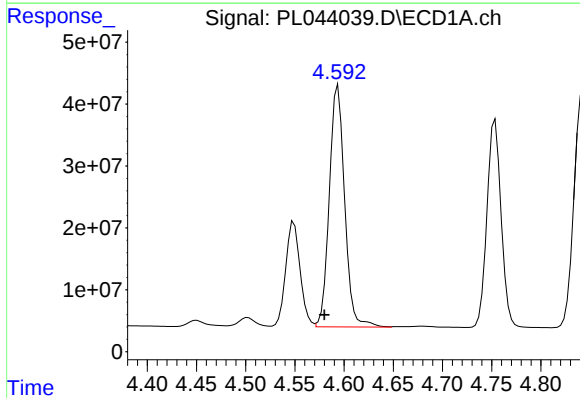
R.T.: 4.296 min
Delta R.T.: 0.013 min
Response: 408374536
Conc: 49.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR200044-RBR200027MSD



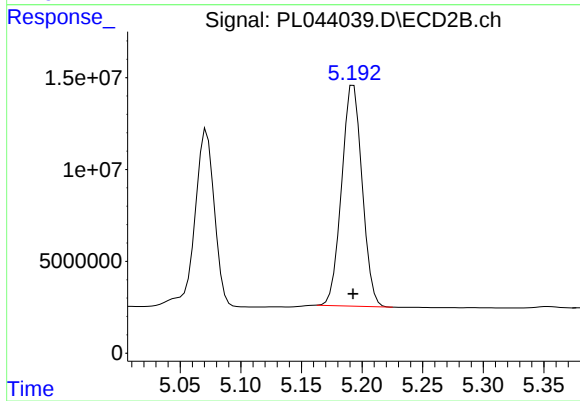
#3 gamma-BHC (Lindane)

R.T.: 4.684 min
Delta R.T.: 0.000 min
Response: 70486948
Conc: 24.85 ng/ml



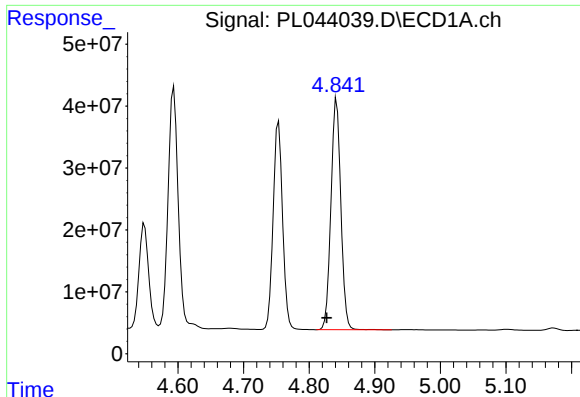
#4 Heptachlor

R.T.: 4.594 min
Delta R.T.: 0.014 min
Response: 423515159
Conc: 50.13 ng/ml



#4 Heptachlor

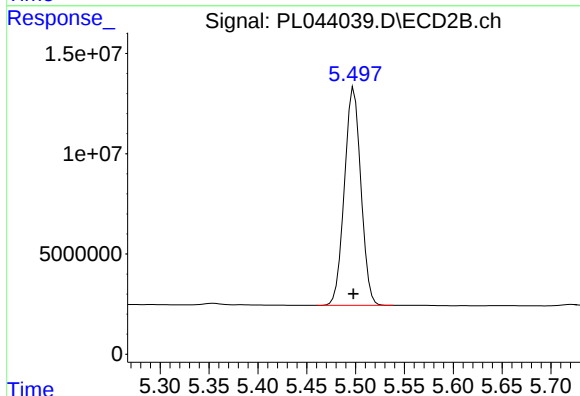
R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 141375950
Conc: 49.73 ng/ml



#5 Aldrin

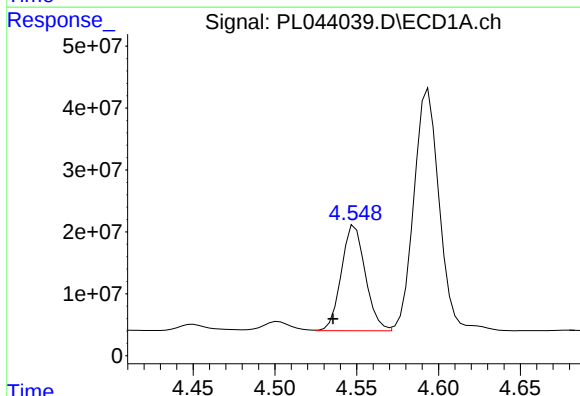
R.T.: 4.842 min
Delta R.T.: 0.015 min
Response: 391369980
Conc: 48.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR200044-RBR200027MSD



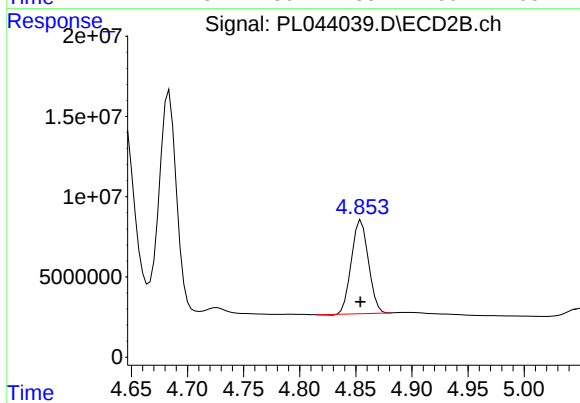
#5 Aldrin

R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 127618160
Conc: 47.17 ng/ml



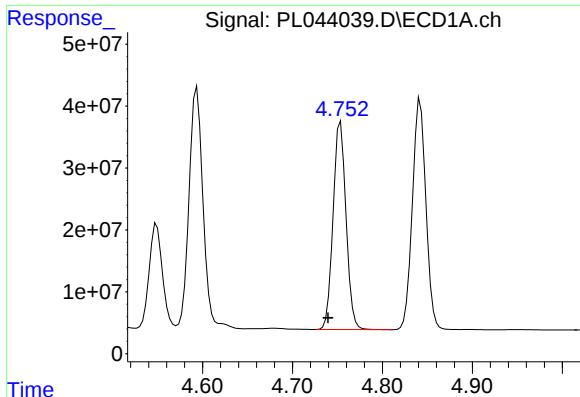
#6 beta-BHC

R.T.: 4.549 min
Delta R.T.: 0.013 min
Response: 173546413
Conc: 49.59 ng/ml



#6 beta-BHC

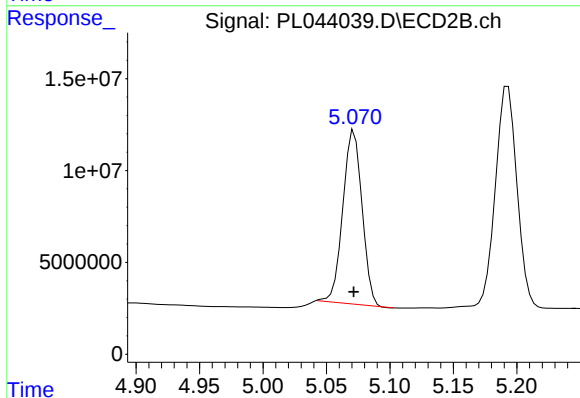
R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 61437877
Conc: 48.50 ng/ml



#7 delta-BHC

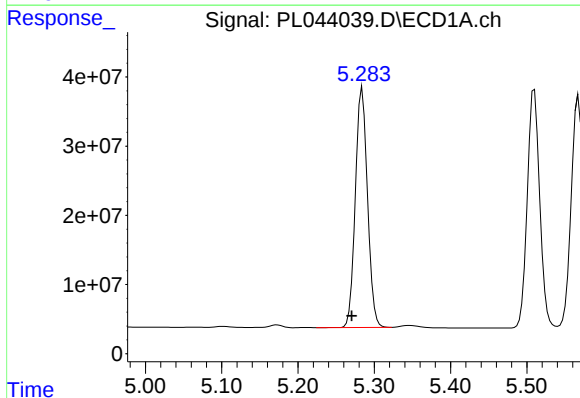
R.T.: 4.753 min
Delta R.T.: 0.014 min
Response: 336607779
Conc: 43.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR200044-RBR200027MSD



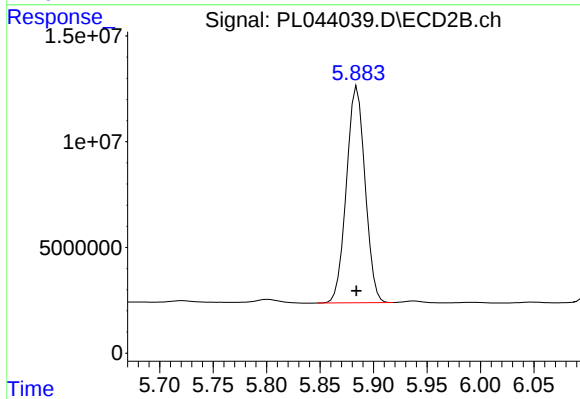
#7 delta-BHC

R.T.: 5.072 min
Delta R.T.: 0.000 min
Response: 98936970
Conc: 48.03 ng/ml



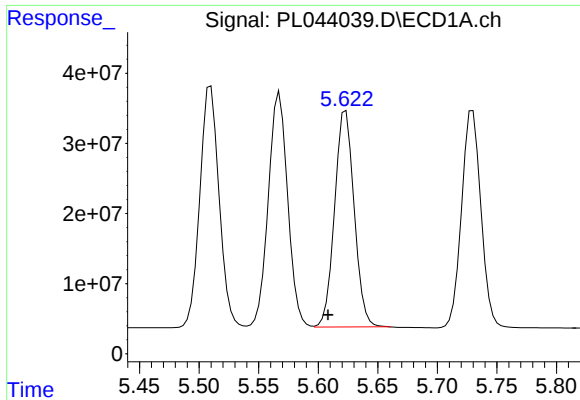
#8 Heptachlor epoxide

R.T.: 5.284 min
Delta R.T.: 0.014 min
Response: 382990523
Conc: 50.17 ng/ml



#8 Heptachlor epoxide

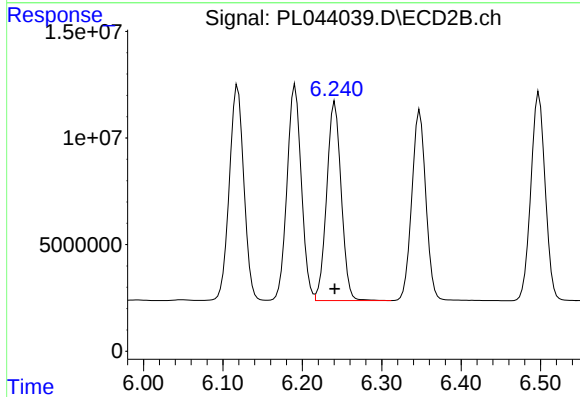
R.T.: 5.885 min
Delta R.T.: 0.000 min
Response: 124382817
Conc: 52.72 ng/ml



#9 Endosulfan I

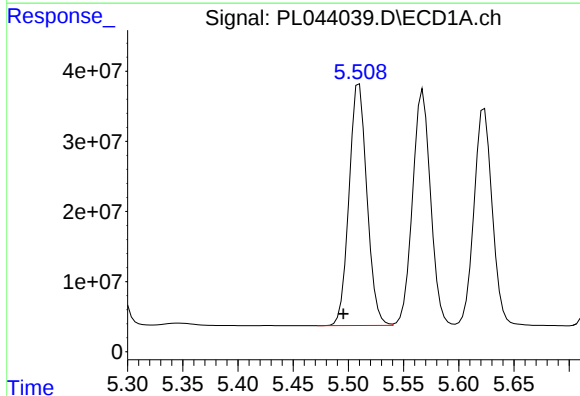
R.T.: 5.623 min
Delta R.T.: 0.015 min
Response: 352279923
Conc: 49.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR200044-RBR200027MSD



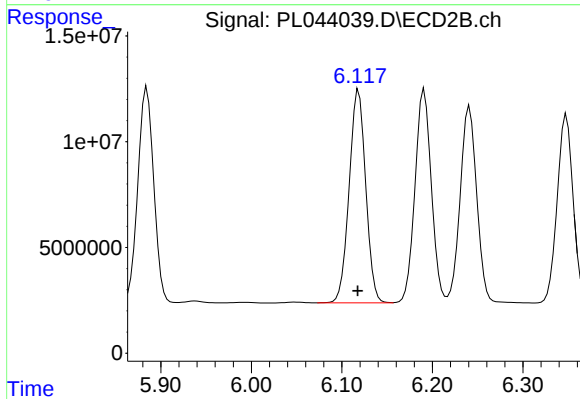
#9 Endosulfan I

R.T.: 6.241 min
Delta R.T.: 0.000 min
Response: 118235809
Conc: 49.32 ng/ml



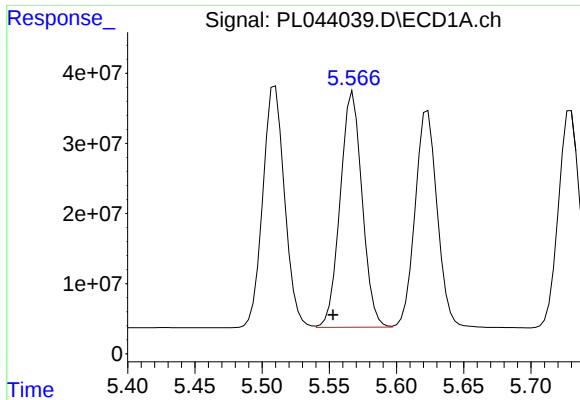
#10 gamma-Chlordane

R.T.: 5.510 min
Delta R.T.: 0.014 min
Response: 388103866
Conc: 49.55 ng/ml



#10 gamma-Chlordane

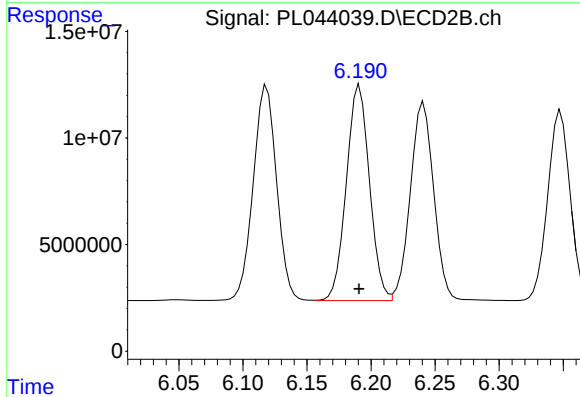
R.T.: 6.119 min
Delta R.T.: 0.000 min
Response: 128336326
Conc: 49.33 ng/ml



#11 alpha-Chlordane

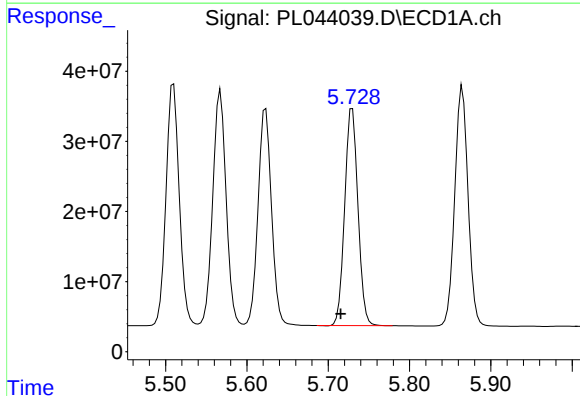
R.T.: 5.568 min
Delta R.T.: 0.015 min
Response: 380390462
Conc: 49.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR200044-RBR200027MSD



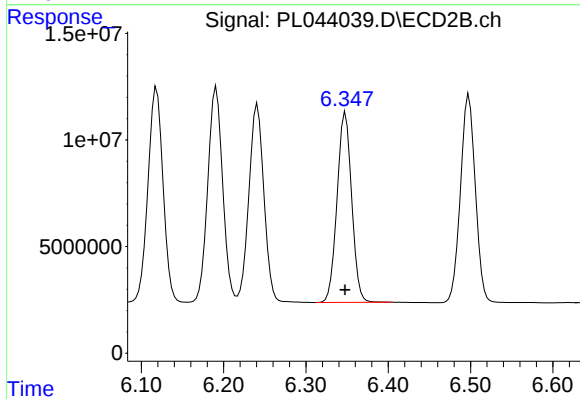
#11 alpha-Chlordane

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 126868524
Conc: 49.04 ng/ml



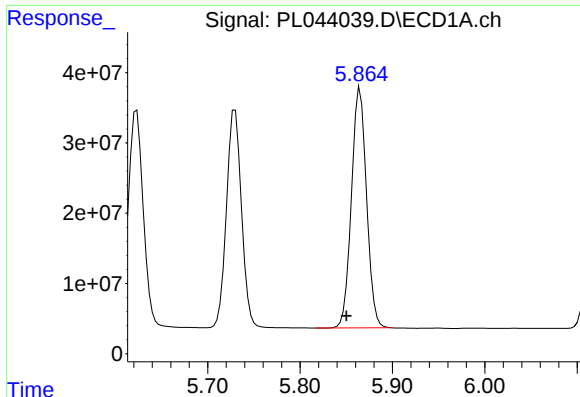
#12 4,4'-DDE

R.T.: 5.730 min
Delta R.T.: 0.014 min
Response: 349946126
Conc: 51.47 ng/ml



#12 4,4'-DDE

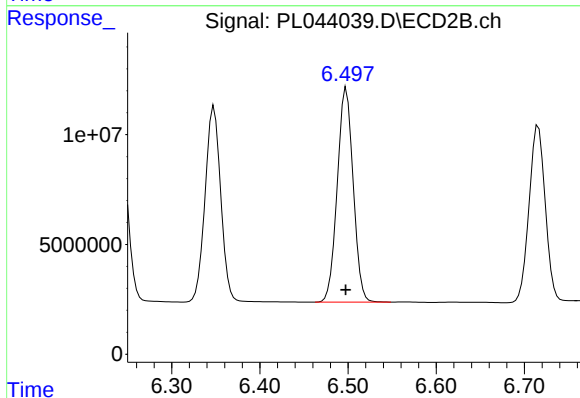
R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 109761872
Conc: 50.28 ng/ml



#13 Dieldrin

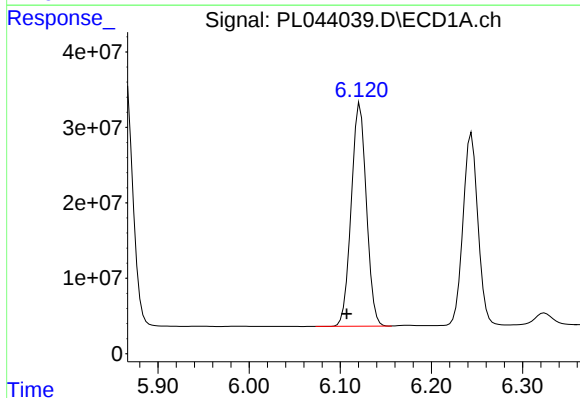
R.T.: 5.865 min
Delta R.T.: 0.015 min
Response: 388292099
Conc: 51.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR200044-RBR200027MSD



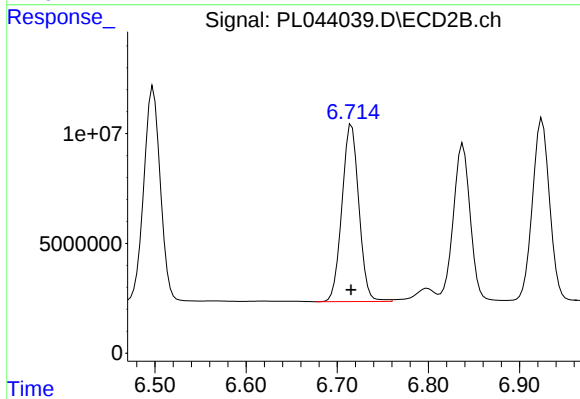
#13 Dieldrin

R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 122439149
Conc: 49.74 ng/ml



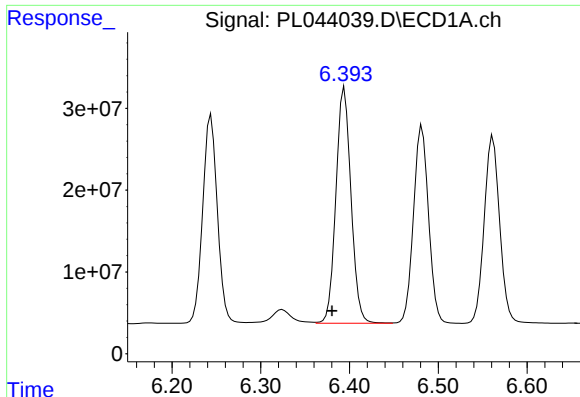
#14 Endrin

R.T.: 6.122 min
Delta R.T.: 0.015 min
Response: 340909561
Conc: 50.34 ng/ml



#14 Endrin

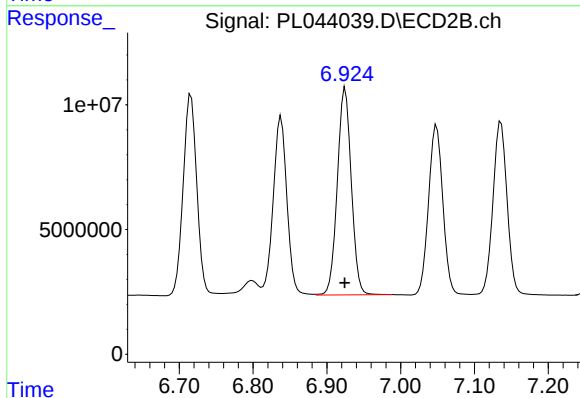
R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 104212639
Conc: 49.34 ng/ml



#15 Endosulfan II

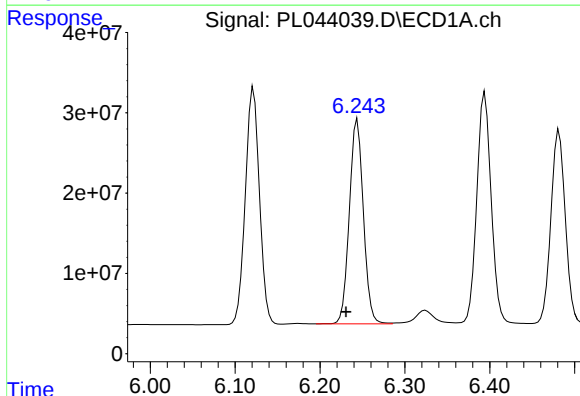
R.T.: 6.394 min
Delta R.T.: 0.014 min
Response: 340902977
Conc: 50.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR200044-RBR200027MSD



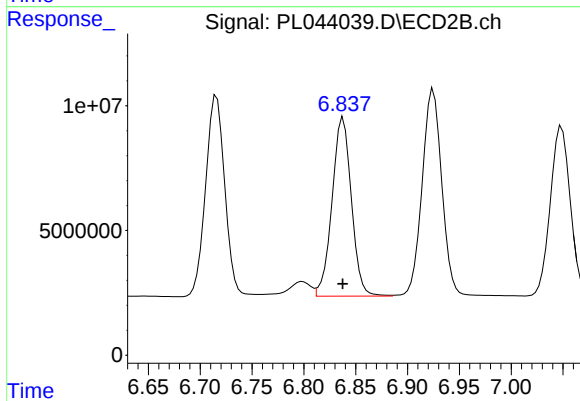
#15 Endosulfan II

R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 109216272
Conc: 50.00 ng/ml



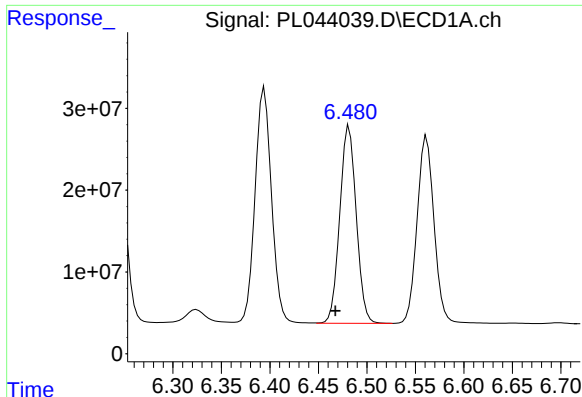
#16 4,4'-DDD

R.T.: 6.244 min
Delta R.T.: 0.013 min
Response: 292514263
Conc: 52.08 ng/ml



#16 4,4'-DDD

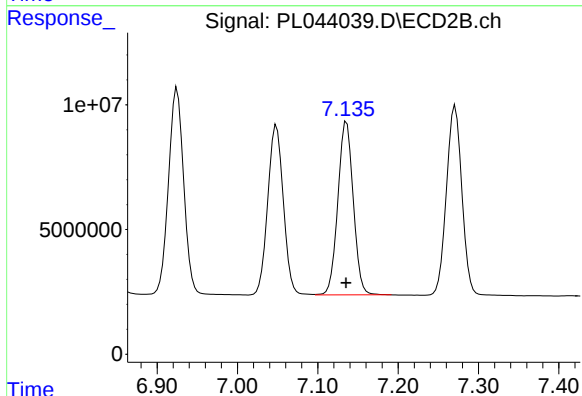
R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 92895497
Conc: 50.75 ng/ml



#17 4,4'-DDT

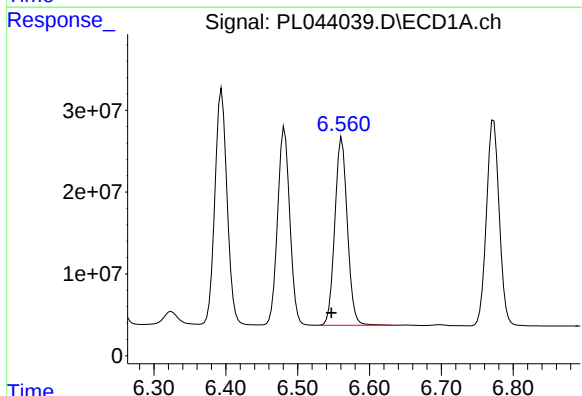
R.T.: 6.482 min
Delta R.T.: 0.014 min
Response: 285029360
Conc: 48.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR200044-RBR200027MSD



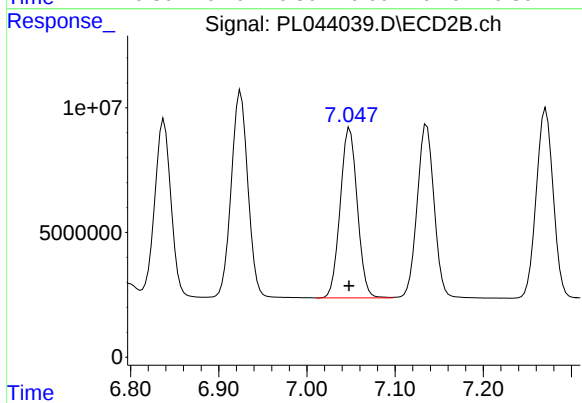
#17 4,4'-DDT

R.T.: 7.136 min
Delta R.T.: 0.000 min
Response: 92625019
Conc: 47.00 ng/ml



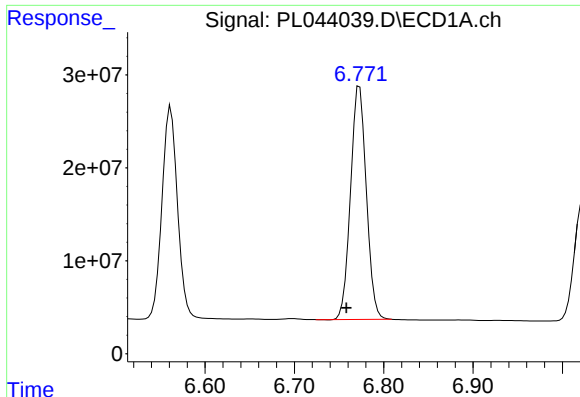
#18 Endrin aldehyde

R.T.: 6.562 min
Delta R.T.: 0.015 min
Response: 277498298
Conc: 50.05 ng/ml



#18 Endrin aldehyde

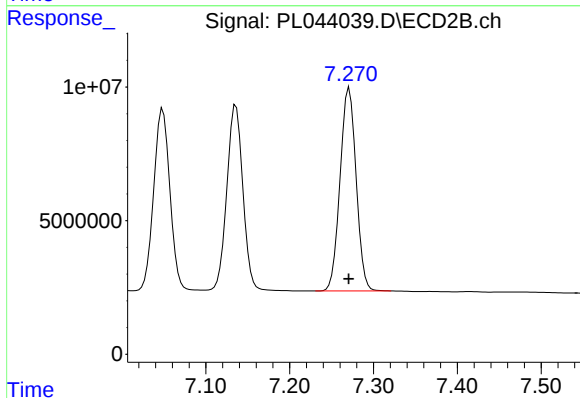
R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 91788947
Conc: 49.14 ng/ml



#19 Endosulfan Sulfate

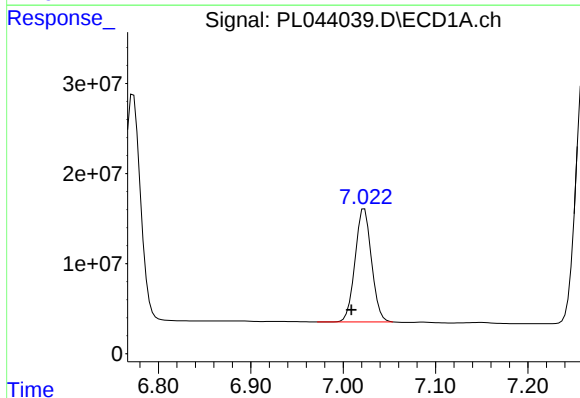
R.T.: 6.773 min
Delta R.T.: 0.014 min
Response: 308483120
Conc: 45.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR200044-RBR200027MSD



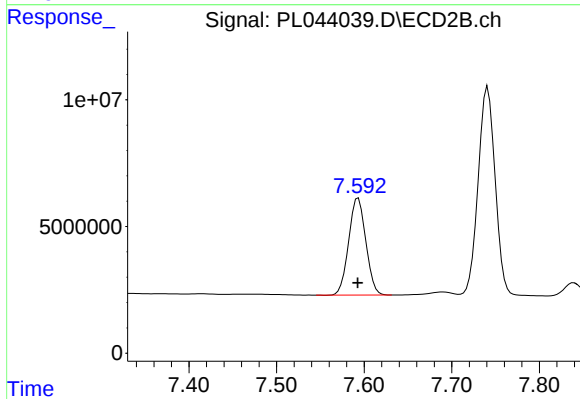
#19 Endosulfan Sulfate

R.T.: 7.271 min
Delta R.T.: 0.000 min
Response: 101376178
Conc: 45.80 ng/ml



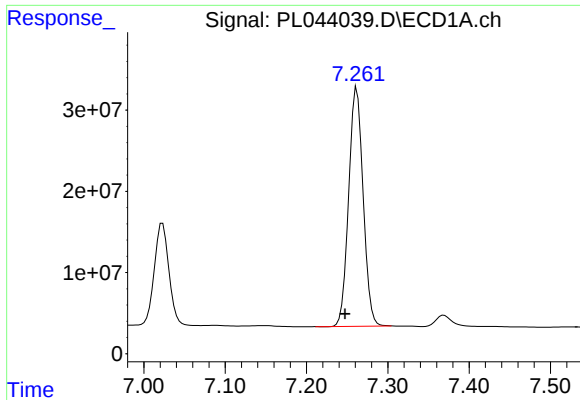
#20 Methoxychlor

R.T.: 7.023 min
Delta R.T.: 0.014 min
Response: 155170645
Conc: 46.47 ng/ml



#20 Methoxychlor

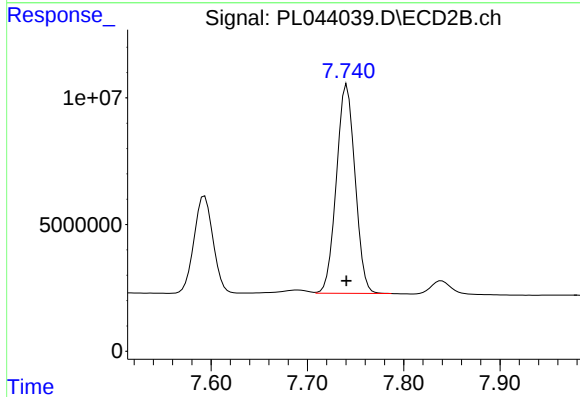
R.T.: 7.593 min
Delta R.T.: 0.000 min
Response: 52112782
Conc: 48.09 ng/ml



#21 Endrin ketone

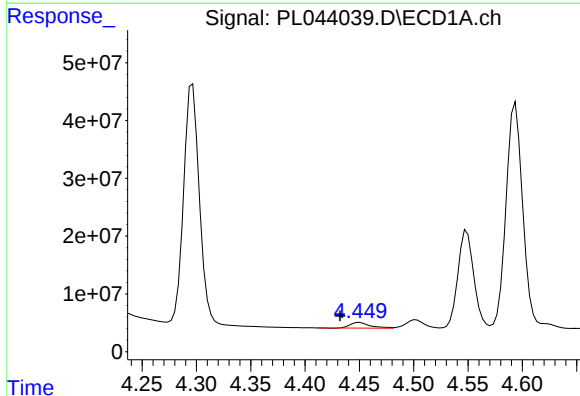
R.T.: 7.262 min
Delta R.T.: 0.015 min
Response: 361905041
Conc: 49.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR200044-RBR200027MSD



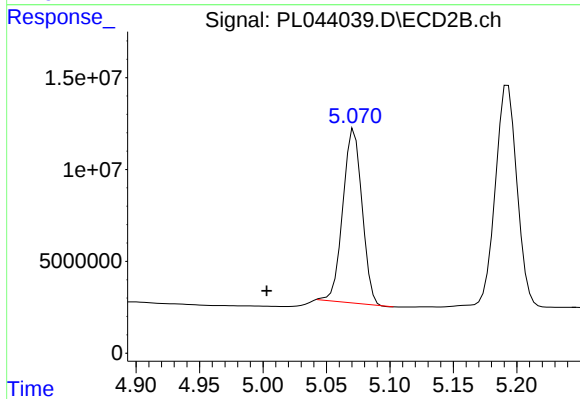
#21 Endrin ketone

R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 110825514
Conc: 50.38 ng/ml



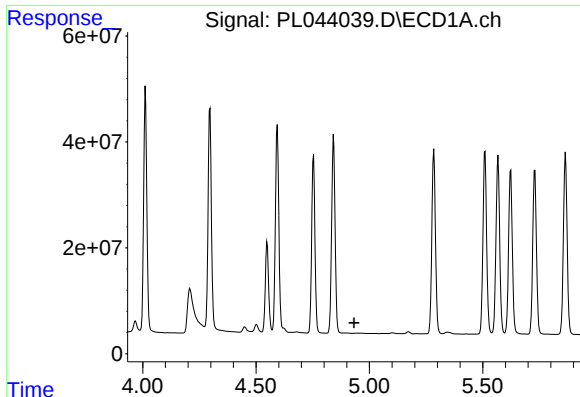
#23 Chlordane-1

R.T.: 4.450 min
Delta R.T.: 0.018 min
Response: 12129085
Conc: 46.02 ng/ml



#23 Chlordane-1

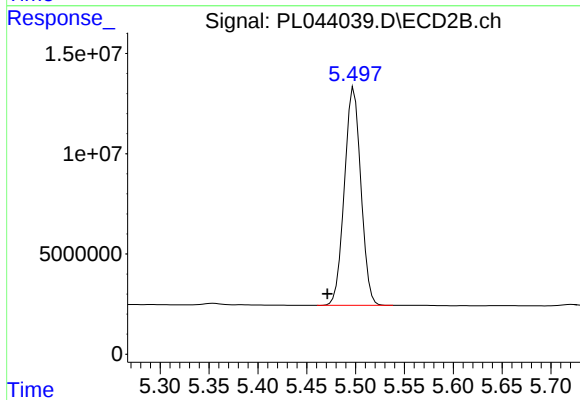
R.T.: 5.072 min
Delta R.T.: 0.069 min
Response: 98936970
Conc: 940.64 ng/ml



#24 Chlordane-2

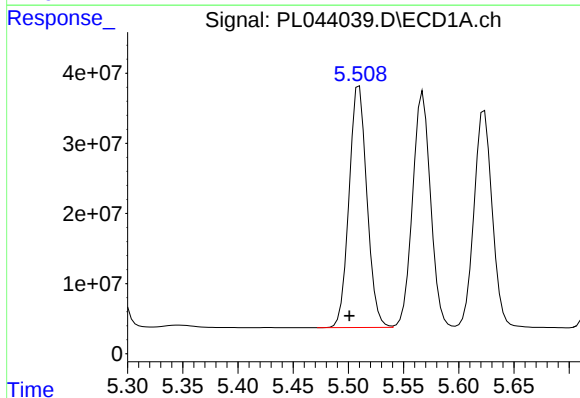
R.T.: 0.000 min
Exp R.T.: 4.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
RBR200044-RBR200027MSD



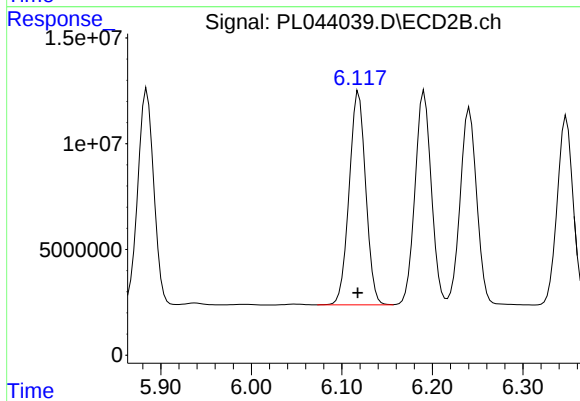
#24 Chlordane-2

R.T.: 5.498 min
Delta R.T.: 0.027 min
Response: 127618160
Conc: 1235.47 ng/ml



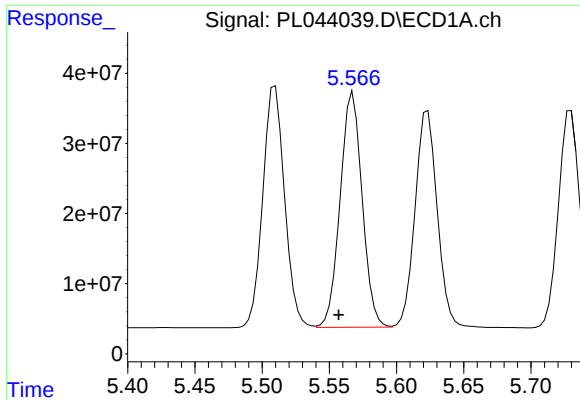
#25 Chlordane-3

R.T.: 5.510 min
Delta R.T.: 0.009 min
Response: 388103866
Conc: 416.73 ng/ml



#25 Chlordane-3

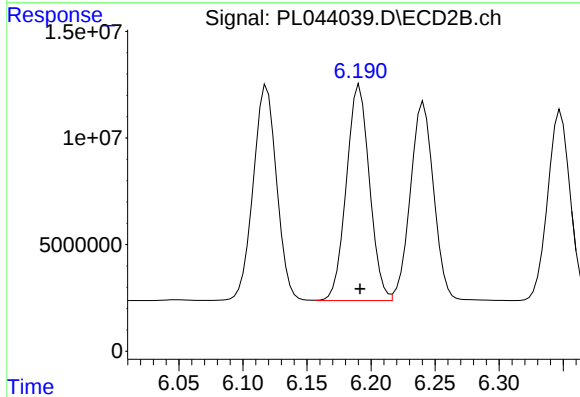
R.T.: 6.119 min
Delta R.T.: 0.001 min
Response: 128336326
Conc: 359.77 ng/ml



#26 Chlordane-4

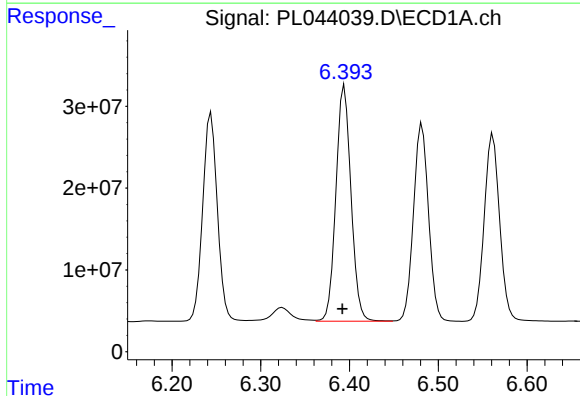
R.T.: 5.568 min
Delta R.T.: 0.011 min
Response: 380390462
Conc: 481.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR200044-RBR200027MSD



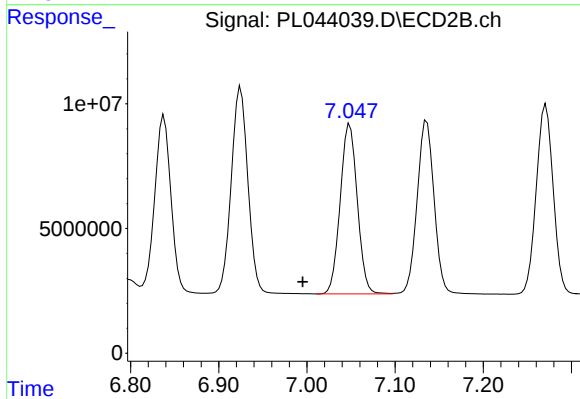
#26 Chlordane-4

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 126868524
Conc: 294.57 ng/ml



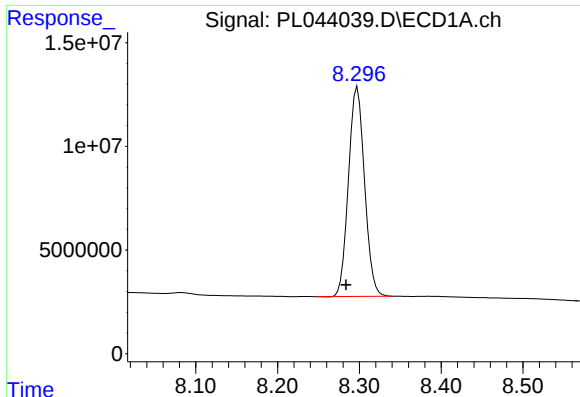
#27 Chlordane-5

R.T.: 6.394 min
Delta R.T.: 0.002 min
Response: 340902977
Conc: 1292.90 ng/ml



#27 Chlordane-5

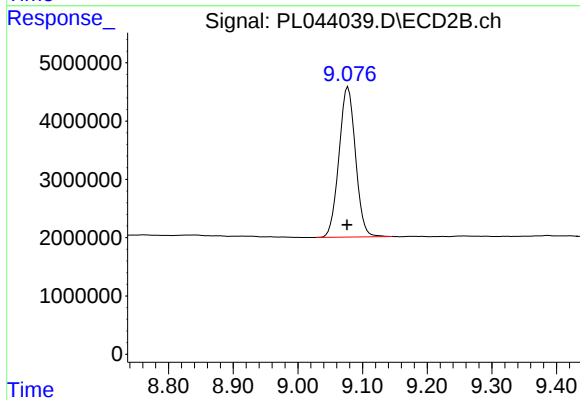
R.T.: 7.049 min
Delta R.T.: 0.053 min
Response: 91788947
Conc: 1110.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.298 min
Delta R.T.: 0.014 min
Response: 137264480
Conc: 20.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR200044-RBR200027MSD



#28 Decachlorobiphenyl

R.T.: 9.078 min
Delta R.T.: 0.002 min
Response: 45637738
Conc: 21.37 ng/ml