

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022420\
 Data File : PL056802.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2020 16:57
 Operator : AJ\MA
 Sample : L1603-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 HAM-WC-S-SB-010203MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 02:39:05 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021920.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 20 02:32:45 2020
 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...	3.498	4.020	199.8E6	62680390	23.107	25.163
28)	SA Decachlor...	8.252	9.093	234.4E6	49268228	19.710	23.446
Target Compounds							
2)	A alpha-BHC	3.937	4.409	881.9E6	240.6E6	55.871	63.958
3)	MA gamma-BHC...	4.221	4.694	836.5E6	221.5E6	56.076	64.318
4)	MA Heptachlor	4.522	5.201	803.7E6	189.4E6	54.503	64.733
5)	MB Aldrin	4.771	5.506	826.4E6	195.4E6	55.357	62.442
6)	B beta-BHC	4.471	4.867	320.8E6	92580440	55.362	70.814 #
7)	B delta-BHC	4.677	5.084	801.6E6	173.7E6	55.613	57.061
8)	B Heptachlo...	5.214	5.893	781.0E6	171.0E6	55.205	58.495
9)	A Endosulfan I	5.554	6.251	739.7E6	168.3E6	55.334	62.309
10)	B gamma-Chl...	5.441	6.128	812.4E6	178.8E6	55.928	62.330
11)	B alpha-Chl...	5.500	6.201	784.0E6	174.8E6	54.296	61.430
12)	B 4,4'-DDE	5.663	6.359	764.9E6	173.2E6	54.377	62.907
13)	MA Dieldrin	5.798	6.509	838.1E6	180.0E6	56.231	62.966
14)	MA Endrin	6.055	6.726	737.8E6	148.7E6	54.664	60.375
15)	B Endosulfa...	6.328	6.937	709.3E6	148.8E6	57.109	57.628
16)	A 4,4'-DDD	6.180	6.851	669.1E6	142.3E6	59.822	61.817
17)	MA 4,4'-DDT	6.420	7.149	596.5E6	125.4E6	54.773	60.269
18)	B Endrin al...	6.496	7.061	585.8E6	126.9E6	54.119	60.509
19)	B Endosulfa...	6.709	7.285	679.6E6	146.9E6	57.319	61.812
20)	A Methoxychlor	6.964	7.609	283.0E6	65340873	53.368	59.040
21)	B Endrin ke...	7.201	7.757	758.0E6	160.4E6	56.854	63.516
22)	Mirex	7.390	8.210	513.9E6	107.2E6	61.238	63.827
24)	Chlordane-2	0.000	5.506f	0	195.4E6	N.D.	1980.392 #
25)	Chlordane-3	5.441	6.128	812.4E6	178.8E6	645.859	484.068 #
26)	Chlordane-4	5.500	6.201	784.0E6	174.8E6	729.875	407.213 #
27)	Chlordane-5	6.328	0.000	709.3E6	0	2166.080	N.D. #

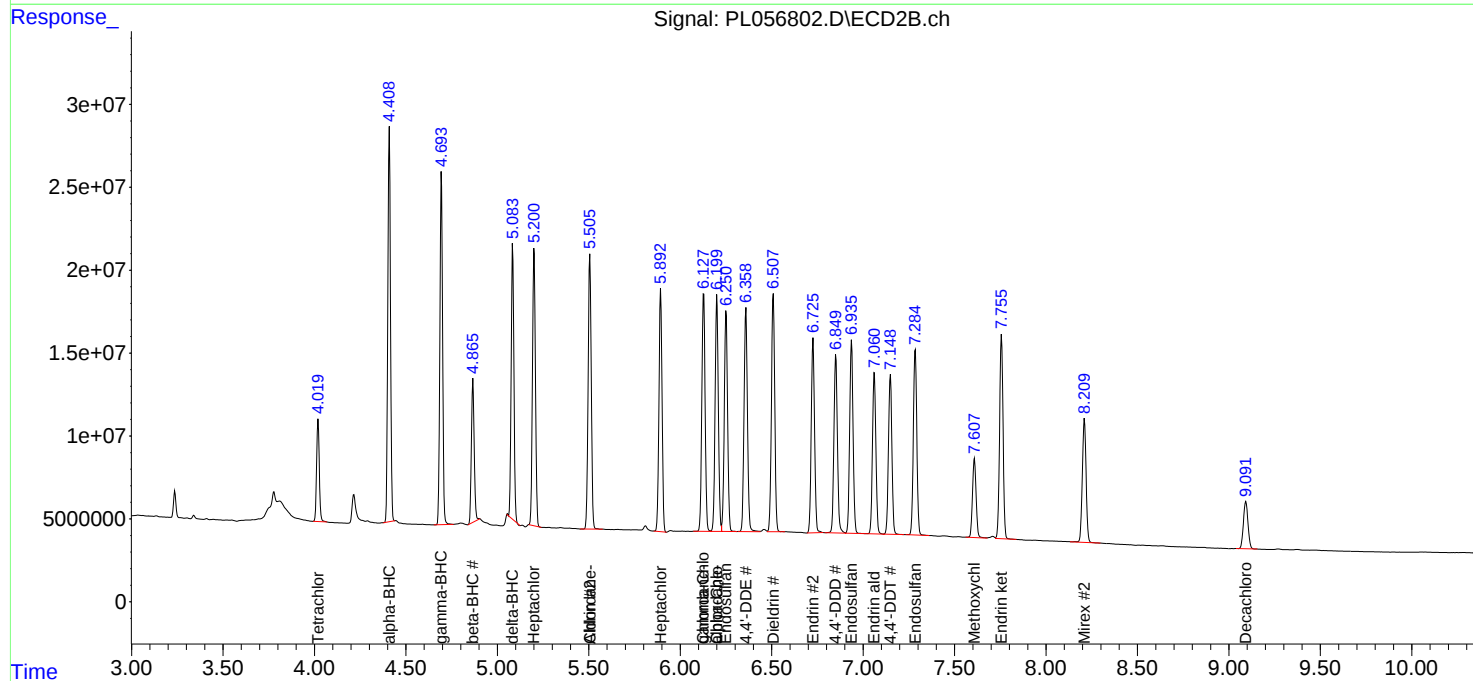
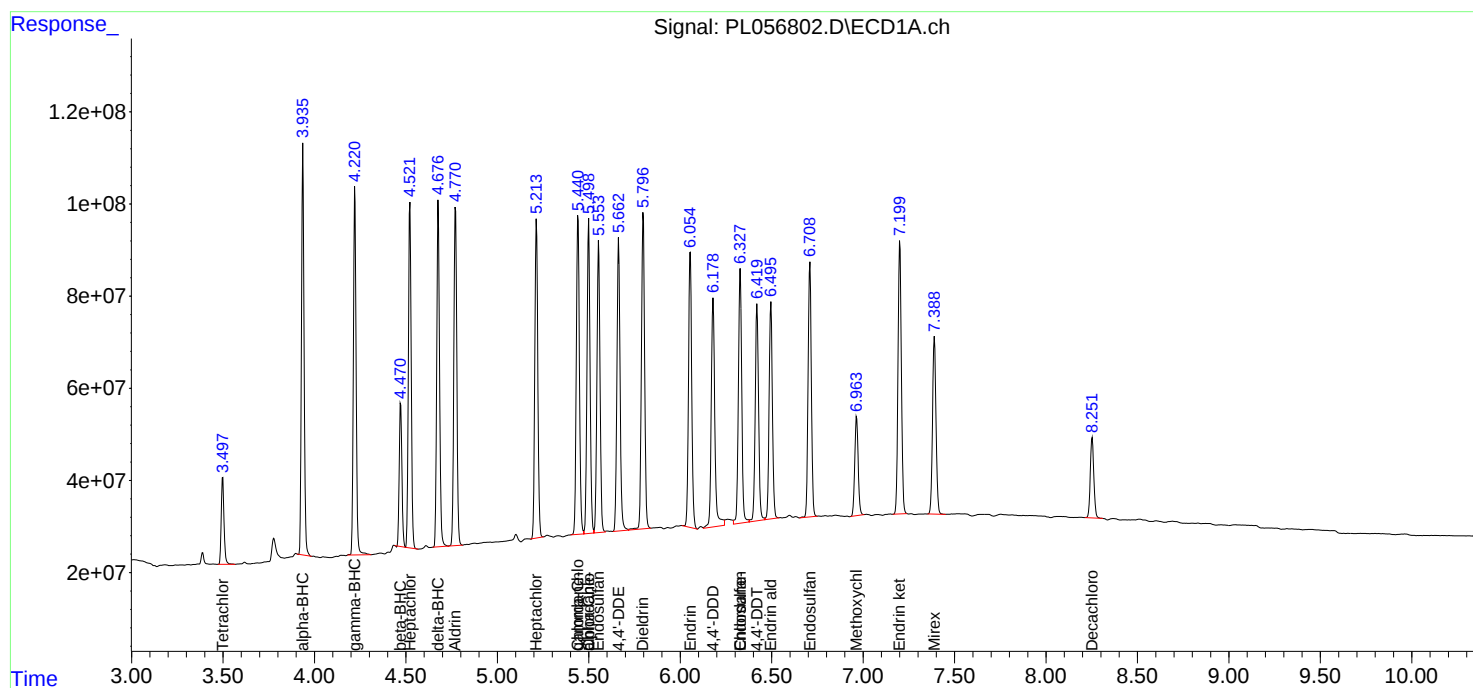
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

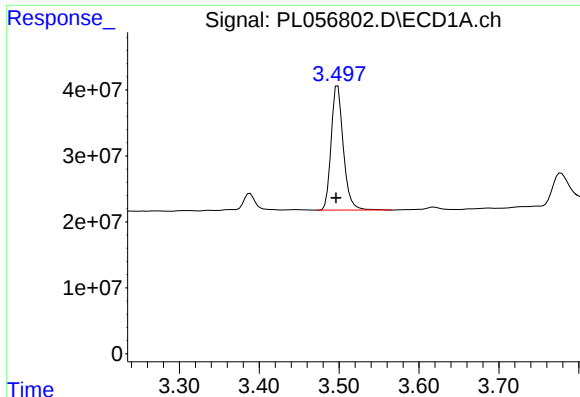
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022420\
Data File : PL056802.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2020 16:57
Operator : AJ\MA
Sample : L1603-01MSD
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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HAM-WC-S-SB-010203MSD

Integration File signal 1: autoint1.e
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Quant Time: Feb 25 02:39:05 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021920.M
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

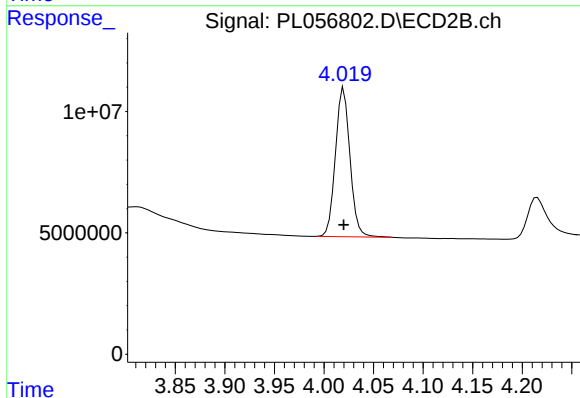




#1 Tetrachloro-m-xylene

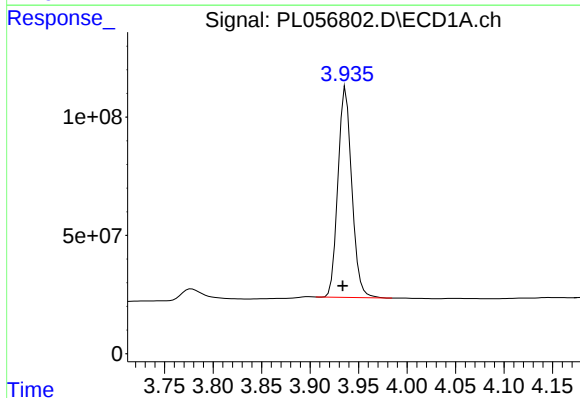
R.T.: 3.498 min
Delta R.T.: 0.002 min
Response: 199820695
Conc: 23.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
HAM-WC-S-SB-010203MSD



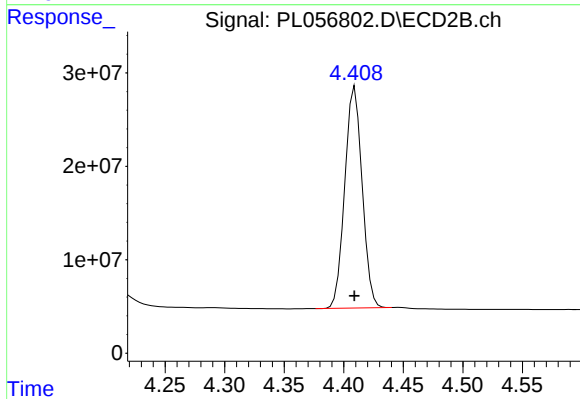
#1 Tetrachloro-m-xylene

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 62680390
Conc: 25.16 ng/ml



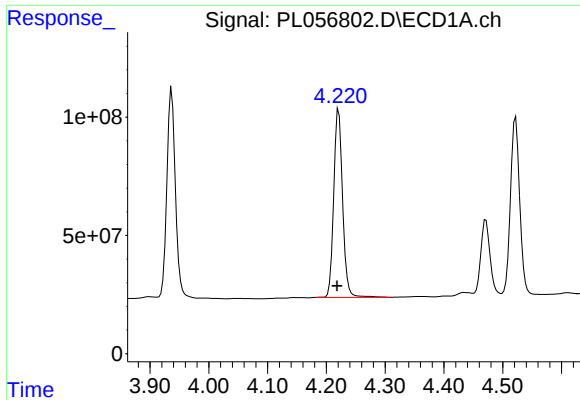
#2 alpha-BHC

R.T.: 3.937 min
Delta R.T.: 0.003 min
Response: 881876040
Conc: 55.87 ng/ml



#2 alpha-BHC

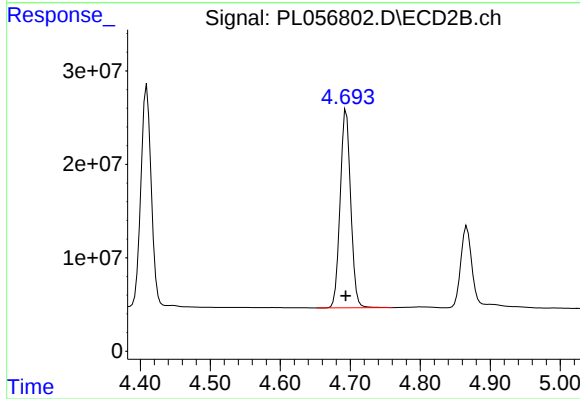
R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 240606678
Conc: 63.96 ng/ml



#3 gamma-BHC (Lindane)

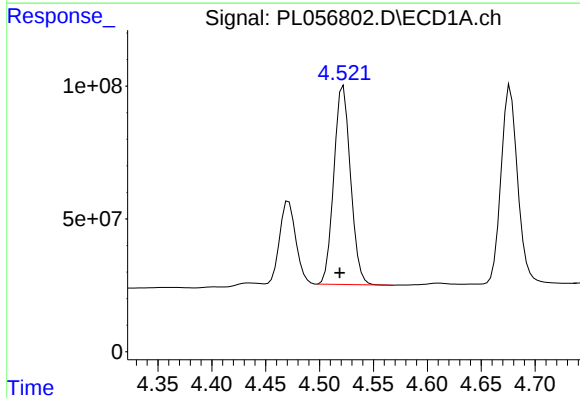
R.T.: 4.221 min
Delta R.T.: 0.003 min
Response: 836532640
Conc: 56.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
HAM-WC-S-SB-010203MSD



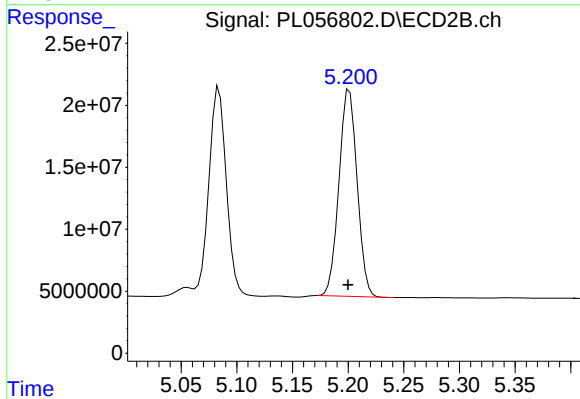
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 221484503
Conc: 64.32 ng/ml



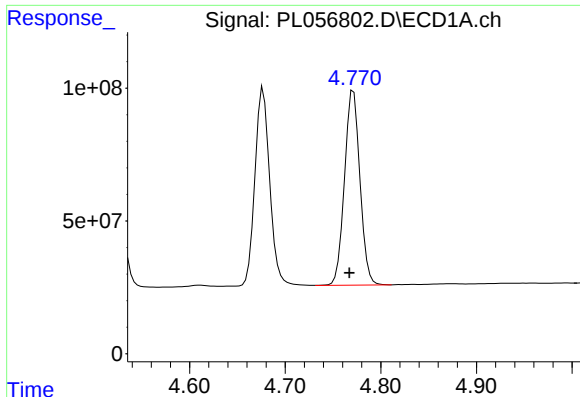
#4 Heptachlor

R.T.: 4.522 min
Delta R.T.: 0.004 min
Response: 803677881
Conc: 54.50 ng/ml



#4 Heptachlor

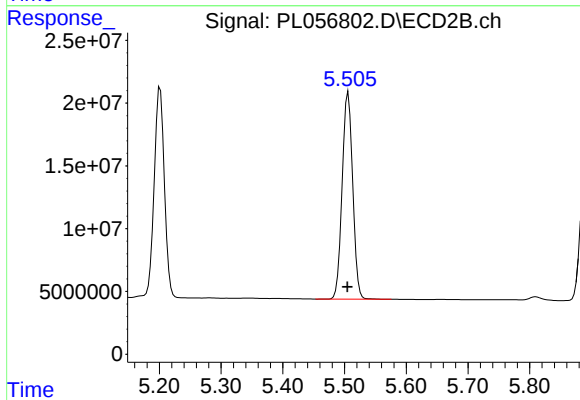
R.T.: 5.201 min
Delta R.T.: 0.001 min
Response: 189376690
Conc: 64.73 ng/ml



#5 Aldrin

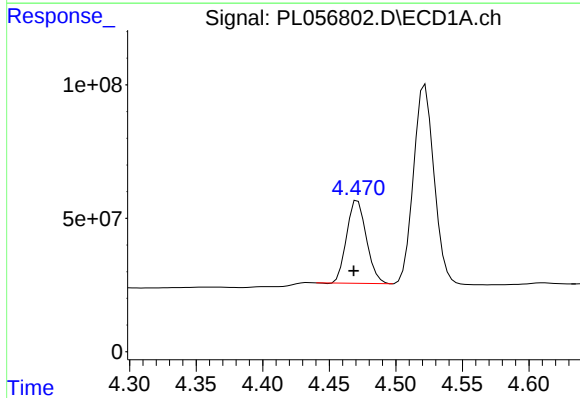
R.T.: 4.771 min
Delta R.T.: 0.004 min
Response: 826433132
Conc: 55.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
HAM-WC-S-SB-010203MSD



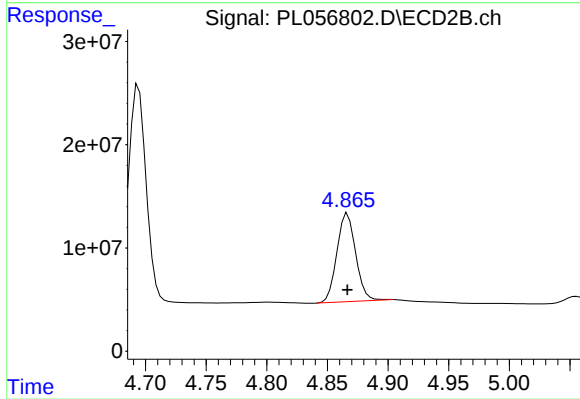
#5 Aldrin

R.T.: 5.506 min
Delta R.T.: 0.001 min
Response: 195429563
Conc: 62.44 ng/ml



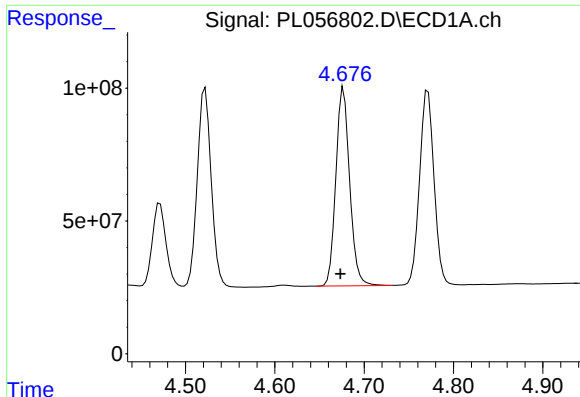
#6 beta-BHC

R.T.: 4.471 min
Delta R.T.: 0.003 min
Response: 320837744
Conc: 55.36 ng/ml



#6 beta-BHC

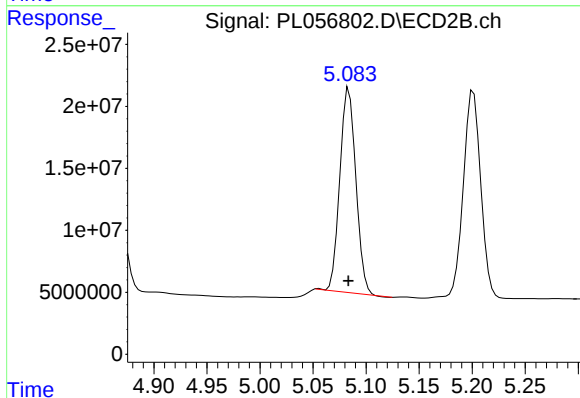
R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 92580440
Conc: 70.81 ng/ml



#7 delta-BHC

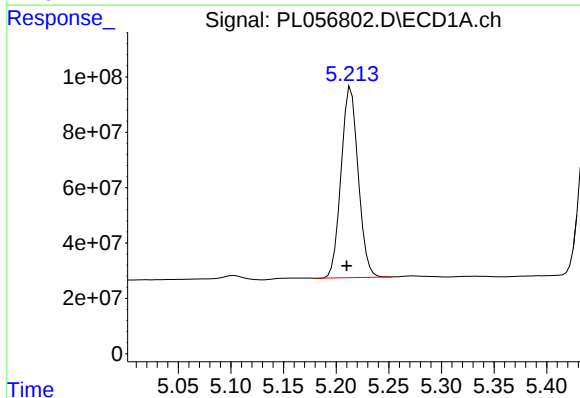
R.T.: 4.677 min
Delta R.T.: 0.004 min
Response: 801559702
Conc: 55.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
HAM-WC-S-SB-010203MSD



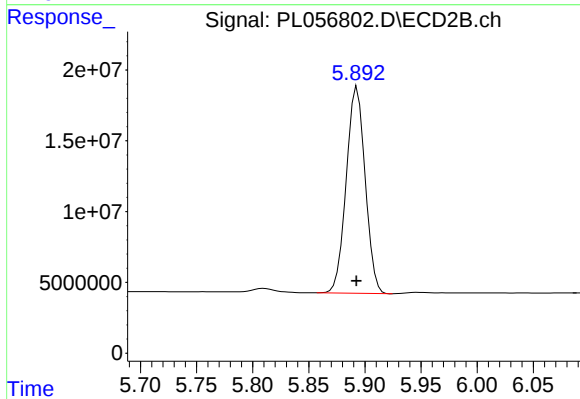
#7 delta-BHC

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 173723709
Conc: 57.06 ng/ml



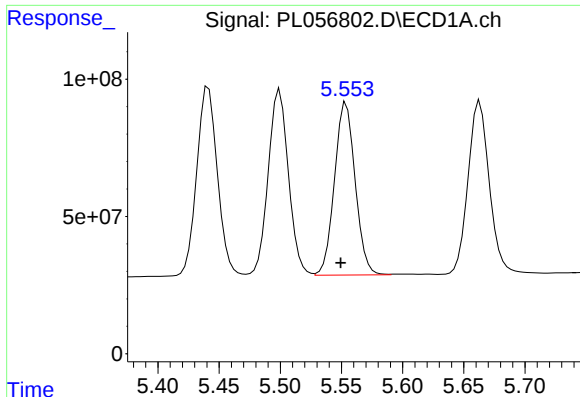
#8 Heptachlor epoxide

R.T.: 5.214 min
Delta R.T.: 0.004 min
Response: 780987801
Conc: 55.21 ng/ml



#8 Heptachlor epoxide

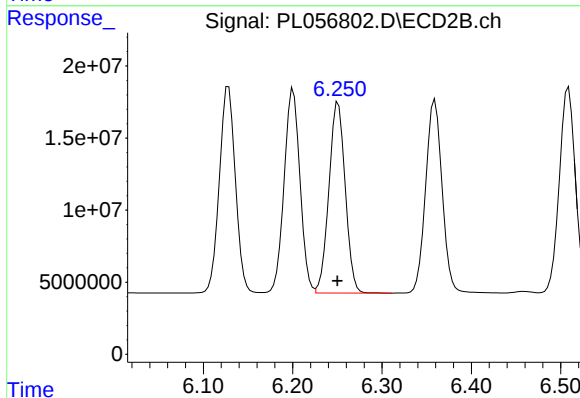
R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 171025326
Conc: 58.49 ng/ml



#9 Endosulfan I

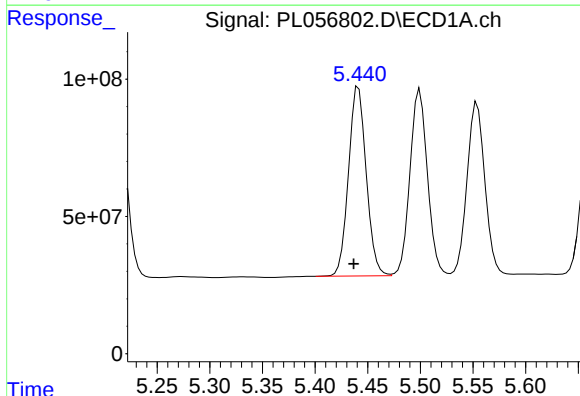
R.T.: 5.554 min
Delta R.T.: 0.005 min
Response: 739708806
Conc: 55.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
HAM-WC-S-SB-010203MSD



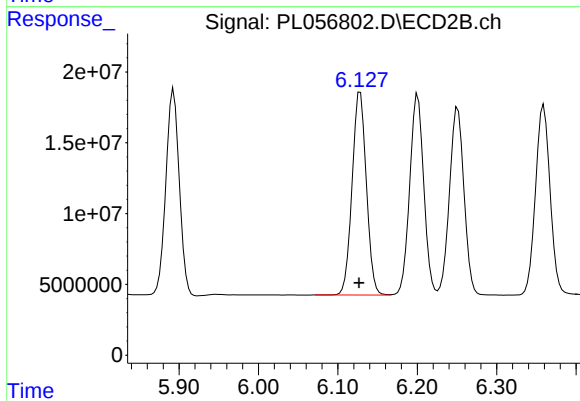
#9 Endosulfan I

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 168334636
Conc: 62.31 ng/ml



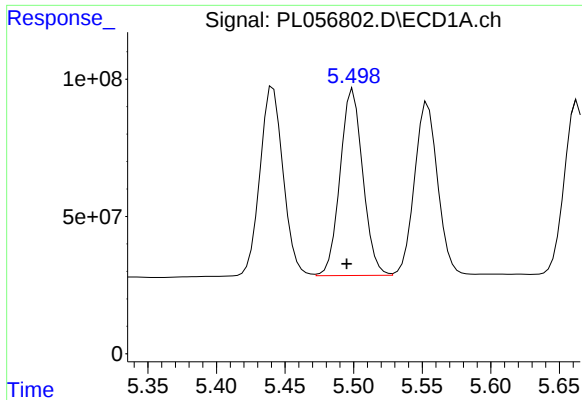
#10 gamma-Chlordane

R.T.: 5.441 min
Delta R.T.: 0.004 min
Response: 812402070
Conc: 55.93 ng/ml



#10 gamma-Chlordane

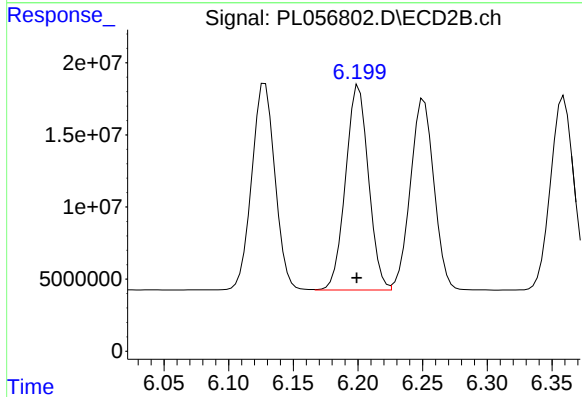
R.T.: 6.128 min
Delta R.T.: 0.002 min
Response: 178770441
Conc: 62.33 ng/ml



#11 alpha-Chlordane

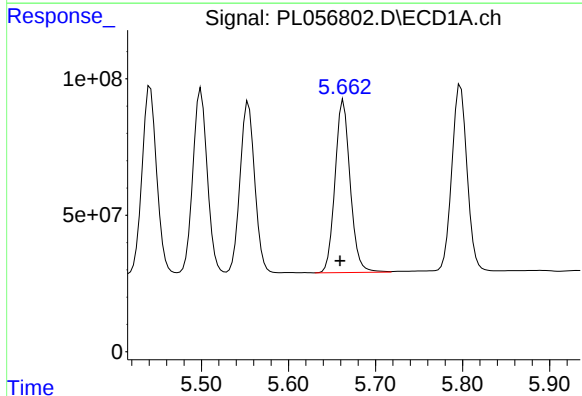
R.T.: 5.500 min
Delta R.T.: 0.005 min
Response: 784042459
Conc: 54.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
HAM-WC-S-SB-010203MSD



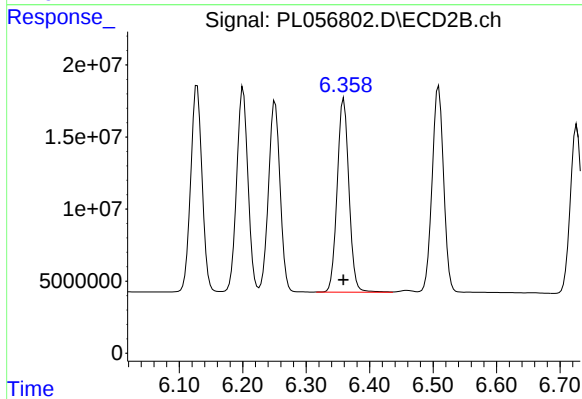
#11 alpha-Chlordane

R.T.: 6.201 min
Delta R.T.: 0.002 min
Response: 174794706
Conc: 61.43 ng/ml



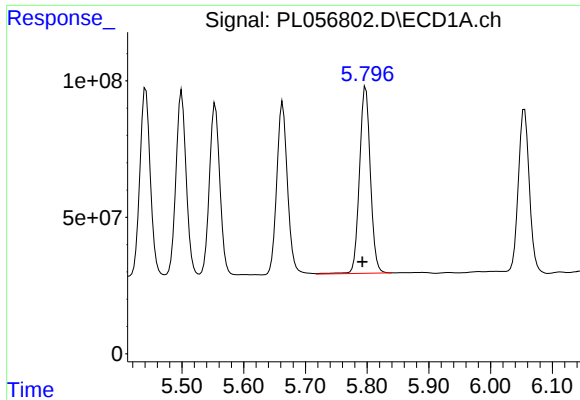
#12 4,4'-DDE

R.T.: 5.663 min
Delta R.T.: 0.004 min
Response: 764859489
Conc: 54.38 ng/ml



#12 4,4'-DDE

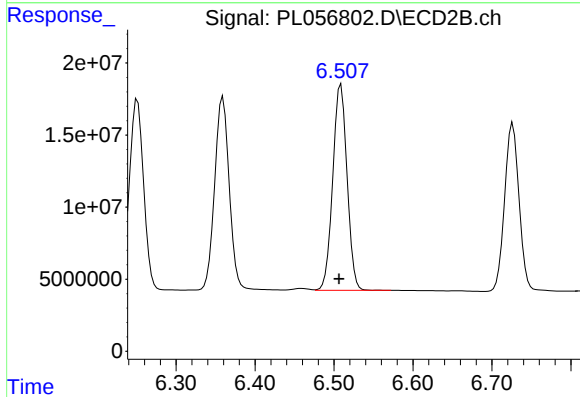
R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 173234304
Conc: 62.91 ng/ml



#13 Dieldrin

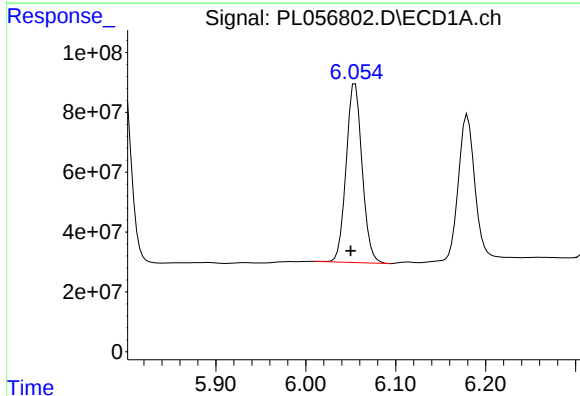
R.T.: 5.798 min
Delta R.T.: 0.005 min
Response: 838130661
Conc: 56.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
HAM-WC-S-SB-010203MSD



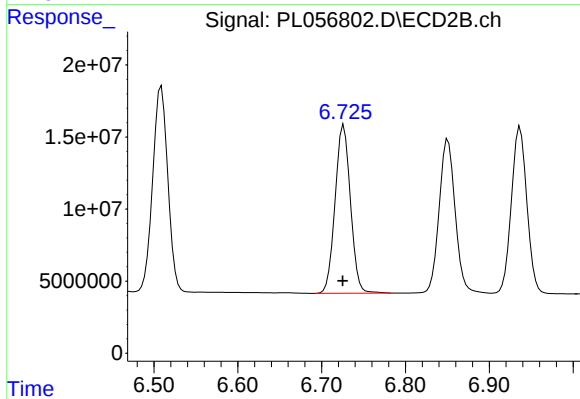
#13 Dieldrin

R.T.: 6.509 min
Delta R.T.: 0.002 min
Response: 179988838
Conc: 62.97 ng/ml



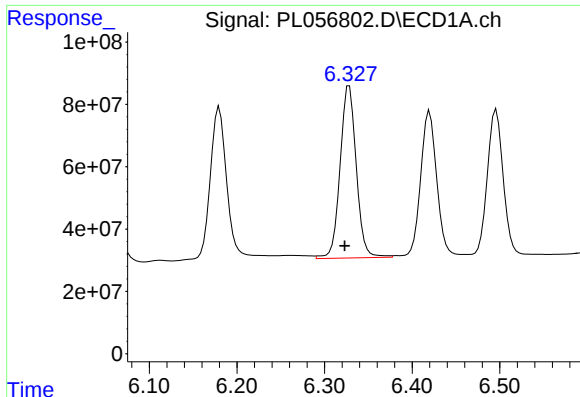
#14 Endrin

R.T.: 6.055 min
Delta R.T.: 0.005 min
Response: 737808279
Conc: 54.66 ng/ml



#14 Endrin

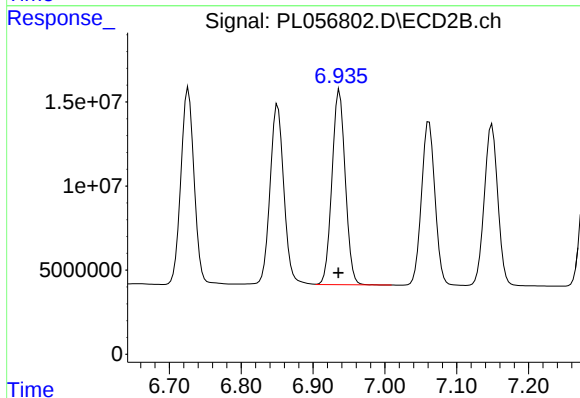
R.T.: 6.726 min
Delta R.T.: 0.001 min
Response: 148732032
Conc: 60.38 ng/ml



#15 Endosulfan II

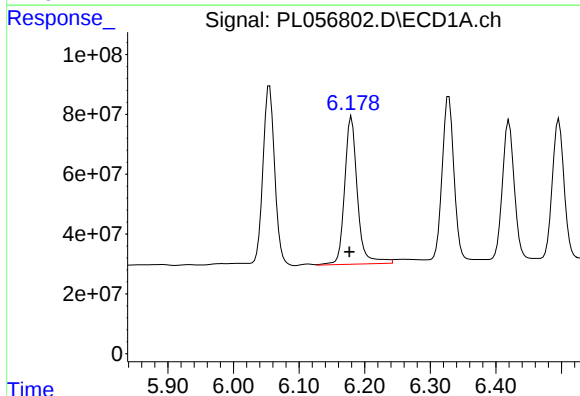
R.T.: 6.328 min
Delta R.T.: 0.005 min
Response: 709254902
Conc: 57.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
HAM-WC-S-SB-010203MSD



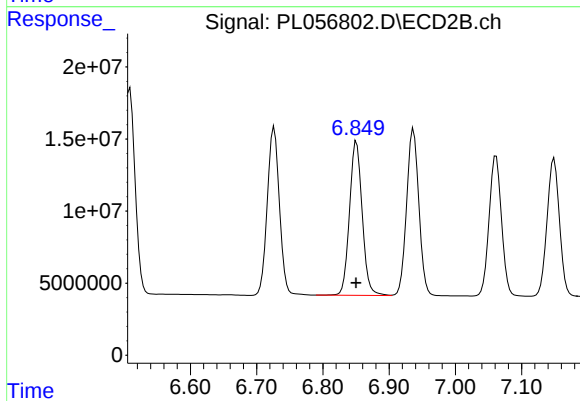
#15 Endosulfan II

R.T.: 6.937 min
Delta R.T.: 0.001 min
Response: 148831356
Conc: 57.63 ng/ml



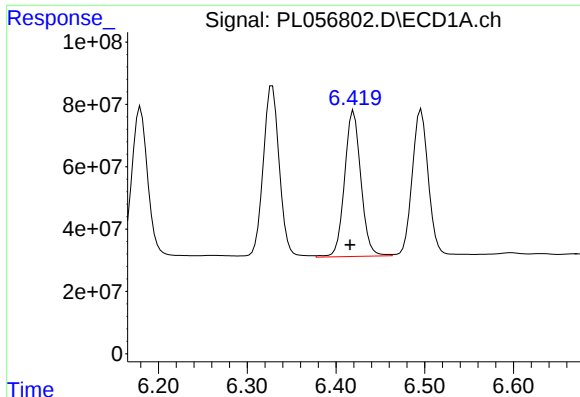
#16 4,4'-DDD

R.T.: 6.180 min
Delta R.T.: 0.003 min
Response: 669130484
Conc: 59.82 ng/ml



#16 4,4'-DDD

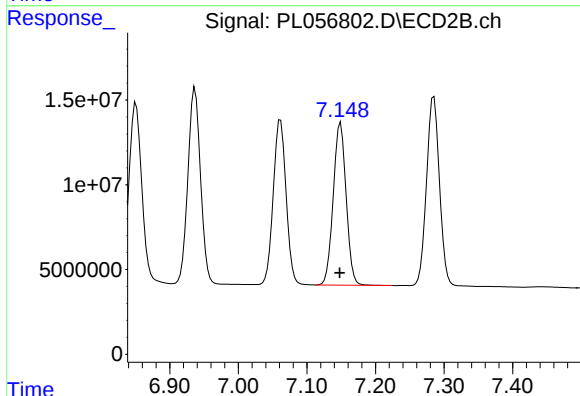
R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 142340616
Conc: 61.82 ng/ml



#17 4,4'-DDT

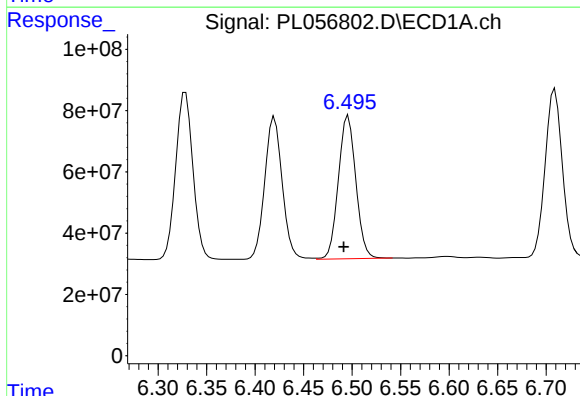
R.T.: 6.420 min
Delta R.T.: 0.004 min
Response: 596502215
Conc: 54.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
HAM-WC-S-SB-010203MSD



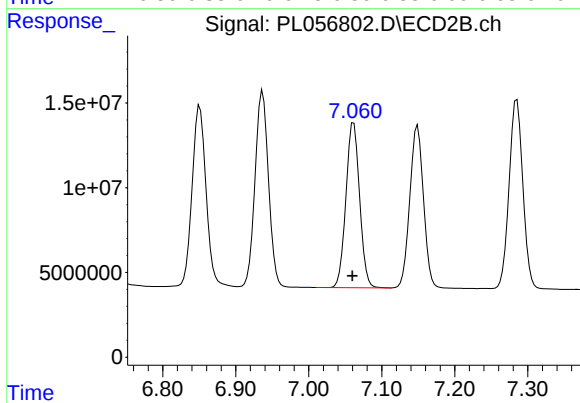
#17 4,4'-DDT

R.T.: 7.149 min
Delta R.T.: 0.001 min
Response: 125389117
Conc: 60.27 ng/ml



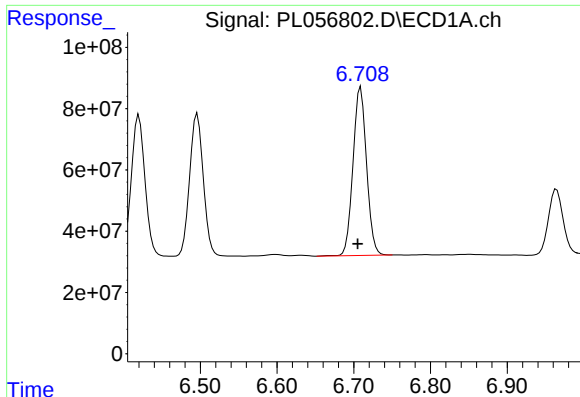
#18 Endrin aldehyde

R.T.: 6.496 min
Delta R.T.: 0.005 min
Response: 585815199
Conc: 54.12 ng/ml



#18 Endrin aldehyde

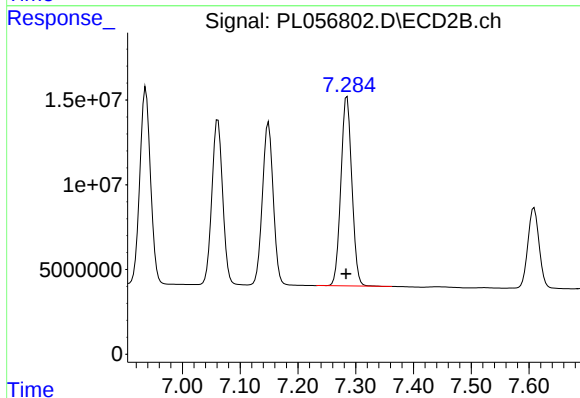
R.T.: 7.061 min
Delta R.T.: 0.001 min
Response: 126936347
Conc: 60.51 ng/ml



#19 Endosulfan Sulfate

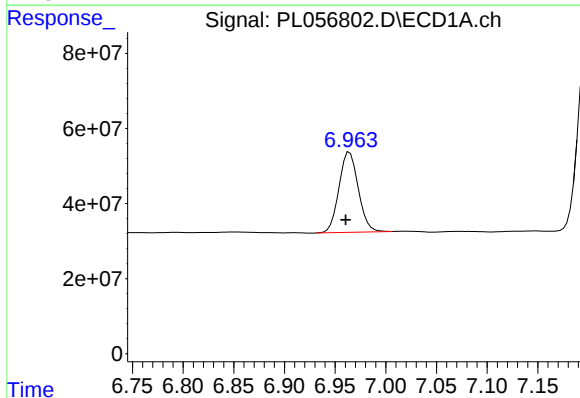
R.T.: 6.709 min
Delta R.T.: 0.004 min
Response: 679626184
Conc: 57.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
HAM-WC-S-SB-010203MSD



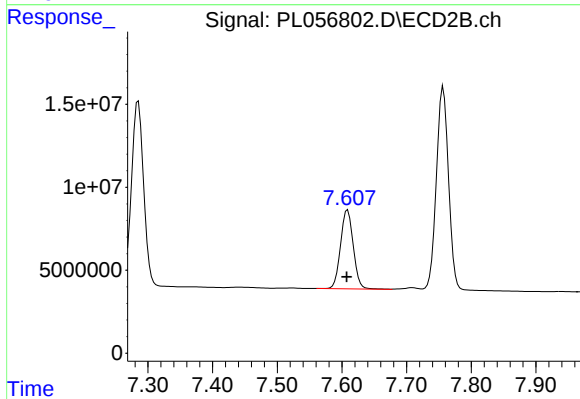
#19 Endosulfan Sulfate

R.T.: 7.285 min
Delta R.T.: 0.002 min
Response: 146896996
Conc: 61.81 ng/ml



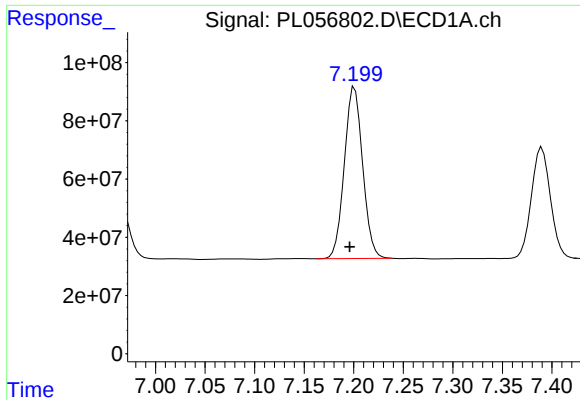
#20 Methoxychlor

R.T.: 6.964 min
Delta R.T.: 0.004 min
Response: 282977267
Conc: 53.37 ng/ml



#20 Methoxychlor

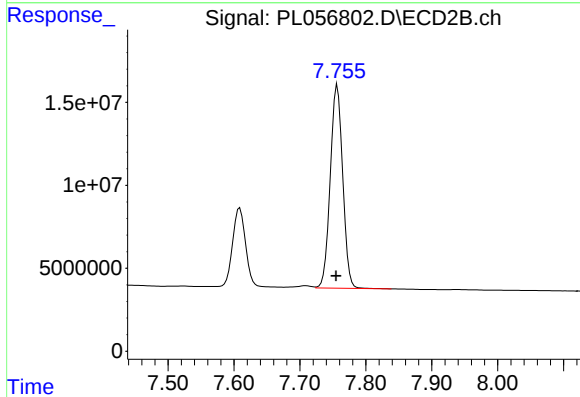
R.T.: 7.609 min
Delta R.T.: 0.001 min
Response: 65340873
Conc: 59.04 ng/ml



#21 Endrin ketone

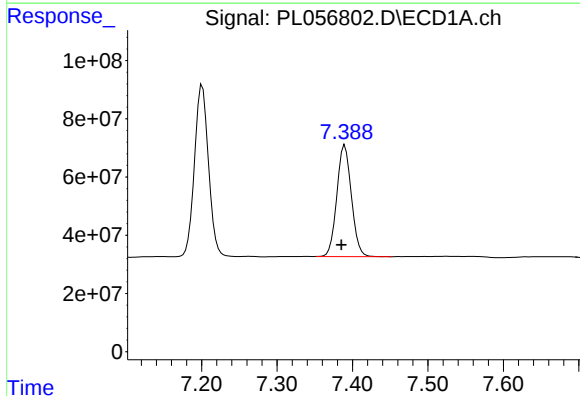
R.T.: 7.201 min
Delta R.T.: 0.005 min
Response: 757969727
Conc: 56.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
HAM-WC-S-SB-010203MSD



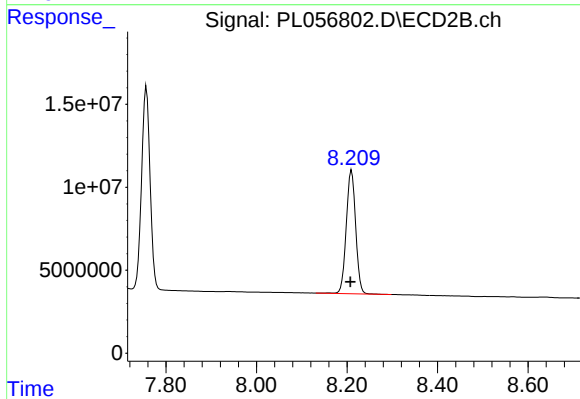
#21 Endrin ketone

R.T.: 7.757 min
Delta R.T.: 0.002 min
Response: 160398156
Conc: 63.52 ng/ml



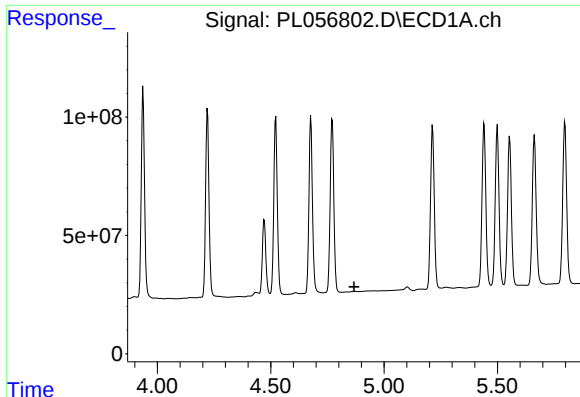
#22 Mirex

R.T.: 7.390 min
Delta R.T.: 0.005 min
Response: 513873122
Conc: 61.24 ng/ml



#22 Mirex

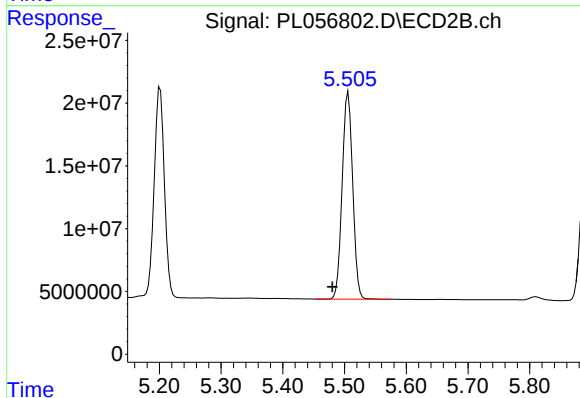
R.T.: 8.210 min
Delta R.T.: 0.003 min
Response: 107227020
Conc: 63.83 ng/ml



#24 Chlordane-2

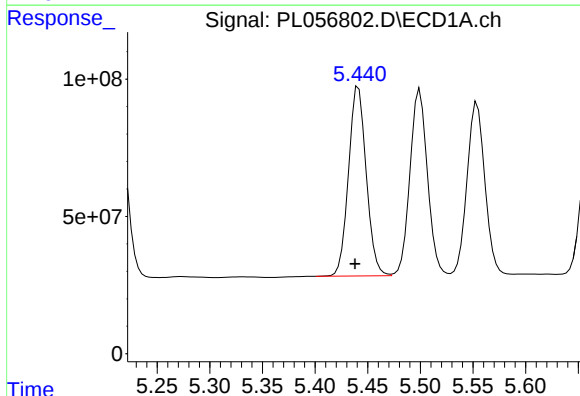
R.T.: 0.000 min
Exp R.T.: 4.868 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
HAM-WC-S-SB-010203MSD



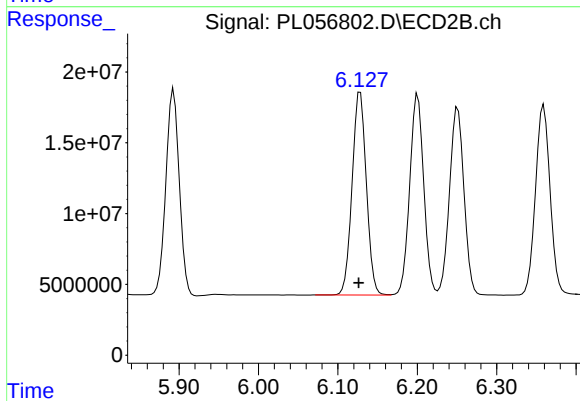
#24 Chlordane-2

R.T.: 5.506 min
Delta R.T.: 0.026 min
Response: 195429563
Conc: 1980.39 ng/ml



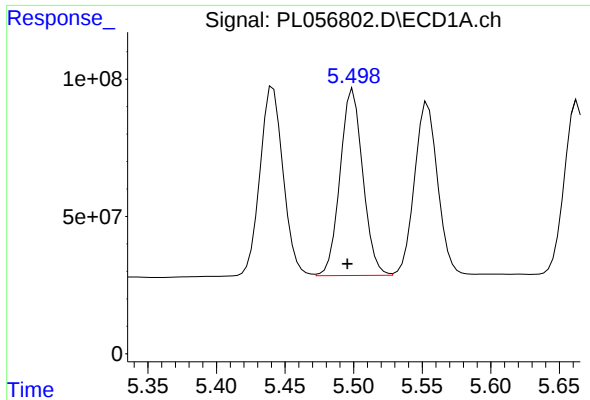
#25 Chlordane-3

R.T.: 5.441 min
Delta R.T.: 0.003 min
Response: 812402070
Conc: 645.86 ng/ml



#25 Chlordane-3

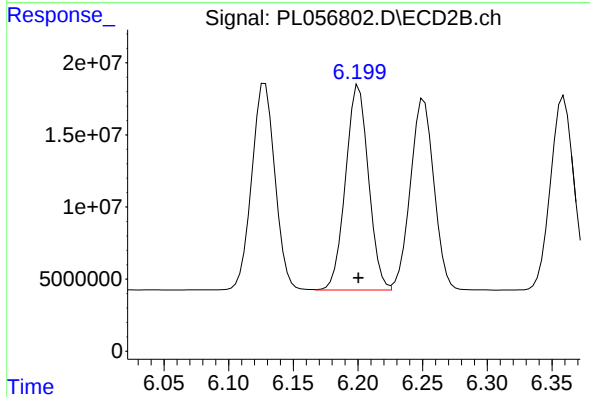
R.T.: 6.128 min
Delta R.T.: 0.002 min
Response: 178770441
Conc: 484.07 ng/ml



#26 Chlordane-4

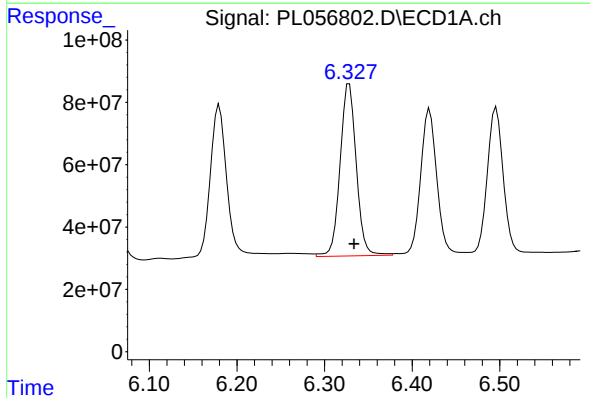
R.T.: 5.500 min
Delta R.T.: 0.004 min
Response: 784042459
Conc: 729.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
HAM-WC-S-SB-010203MSD



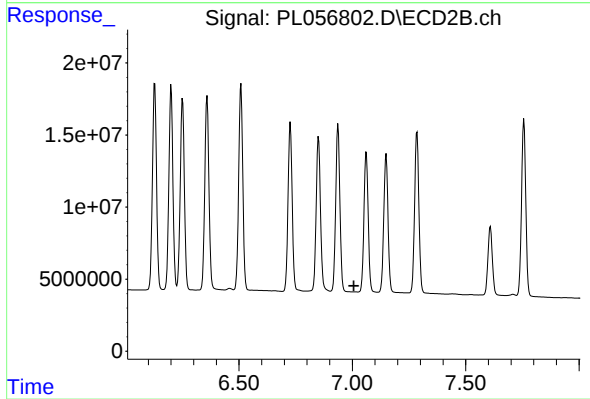
#26 Chlordane-4

R.T.: 6.201 min
Delta R.T.: 0.000 min
Response: 174794706
Conc: 407.21 ng/ml



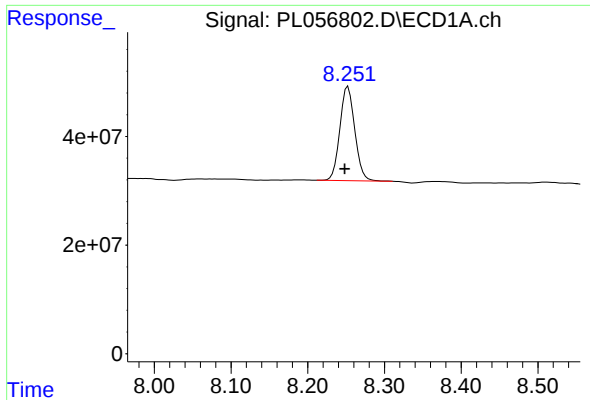
#27 Chlordane-5

R.T.: 6.328 min
Delta R.T.: -0.006 min
Response: 709254902
Conc: 2166.08 ng/ml



#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 7.007 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

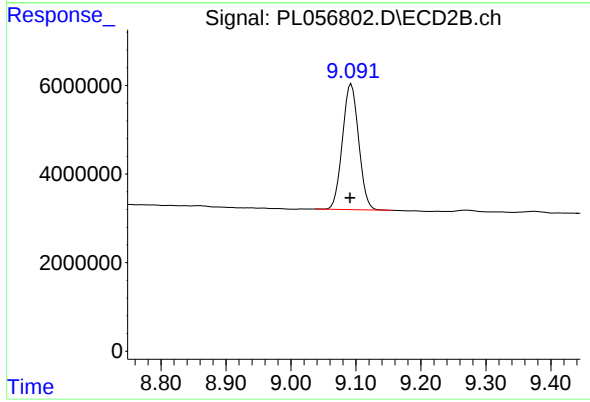
R.T.: 8.252 min

Delta R.T.: 0.004 min

Response: 234449241

Conc: 19.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
HAM-WC-S-SB-010203MSD



#28 Decachlorobiphenyl

R.T.: 9.093 min

Delta R.T.: 0.002 min

Response: 49268228

Conc: 23.45 ng/ml