

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042020\
 Data File : PL058187.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2020 17:10
 Operator : AJ\MA
 Sample : L2231-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 05:00:56 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040320.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 04 06:41:11 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...	3.456	3.955	220.3E6	47093025	21.849	21.700
28)	SA Decachlor...	8.205	8.979	174.4E6	34568636	16.916	15.475
Target Compounds							
2)	A alpha-BHC	3.893	4.343	1096.1E6	210.3E6	63.093	64.054
3)	MA gamma-BHC...	4.177	4.625	995.3E6	206.1E6	68.477	63.430
4)	MA Heptachlor	4.476	5.127	1044.1E6	220.8E6	65.134	65.802
5)	MB Aldrin	4.724	5.429	989.5E6	213.8E6	67.200	66.032
6)	B beta-BHC	4.429	4.799	437.0E6	96347736	69.189	69.385
7)	B delta-BHC	4.633	5.013	987.7E6	172.0E6	65.085	68.032
8)	B Heptachlo...	5.168	5.814	899.2E6	191.4E6	66.903	70.892
9)	A Endosulfan I	5.507	6.168	823.8E6	192.2E6	67.212	64.442
10)	B gamma-Chl...	5.394	6.047	915.6E6	212.9E6	67.415	65.700
11)	B alpha-Chl...	5.452	6.119	876.7E6	209.0E6	65.837	63.867
12)	B 4,4'-DDE	5.616	6.278	874.8E6	193.6E6	66.776	65.377
13)	MA Dieldrin	5.749	6.424	888.5E6	198.3E6	68.302	64.897
14)	MA Endrin	6.006	6.640	756.9E6	154.5E6	64.844	61.818
15)	B Endosulfa...	6.280	6.851	693.0E6	152.1E6	62.642	58.662
16)	A 4,4'-DDD	6.132	6.767	661.4E6	144.6E6	66.174	63.374
17)	MA 4,4'-DDT	6.372	7.064	659.0E6	134.2E6	64.927	60.267
18)	B Endrin al...	6.448	6.975	589.3E6	131.8E6	63.031	59.310
19)	B Endosulfa...	6.661	7.197	652.6E6	144.2E6	64.232	60.772
20)	A Methoxychlor	6.918	7.523	322.2E6	71183444	58.452	55.961
21)	B Endrin ke...	7.151	7.665	721.4E6	152.4E6	64.800	61.655
22)	Mirex	7.338	8.115	483.0E6	108.5E6	58.926	59.027
23)	Chlordane-1	4.348f	0.000	3884210	0	10.502	N.D. #
24)	Chlordane-2	4.829	5.429f	1489721	213.8E6	3.690	2048.933 #
25)	Chlordane-3	5.394	6.047	915.6E6	212.9E6	748.875	491.964 #
26)	Chlordane-4	5.452	6.119	876.7E6	209.0E6	842.771	398.131 #
27)	Chlordane-5	6.280	6.920	693.0E6	266688	1831.875	3.128 #

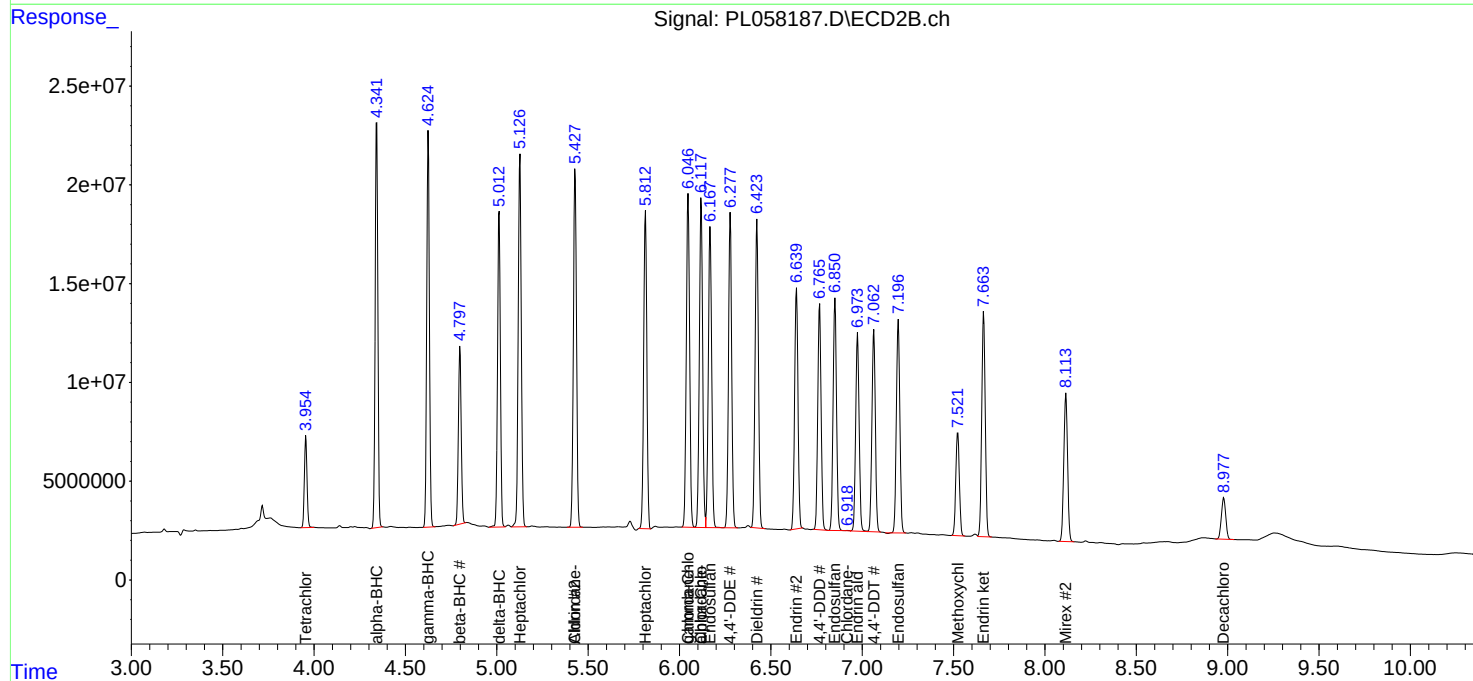
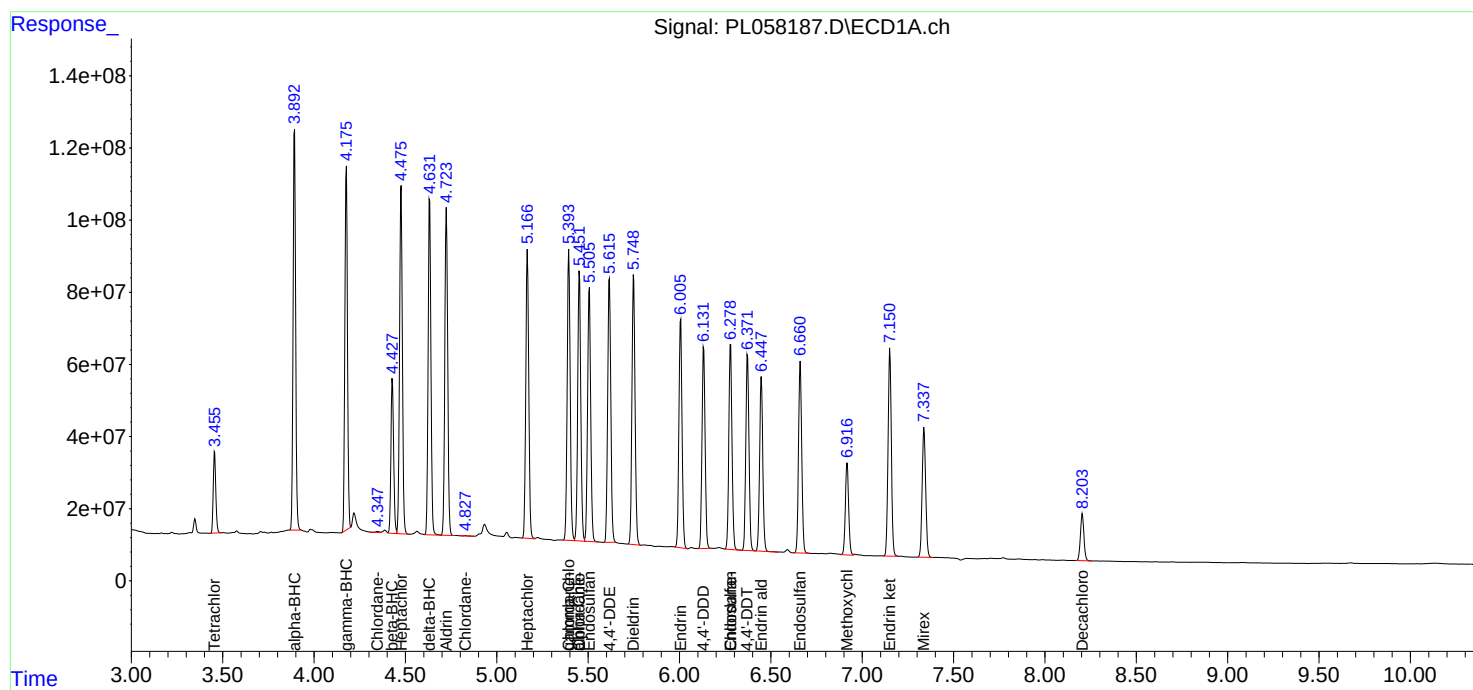
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

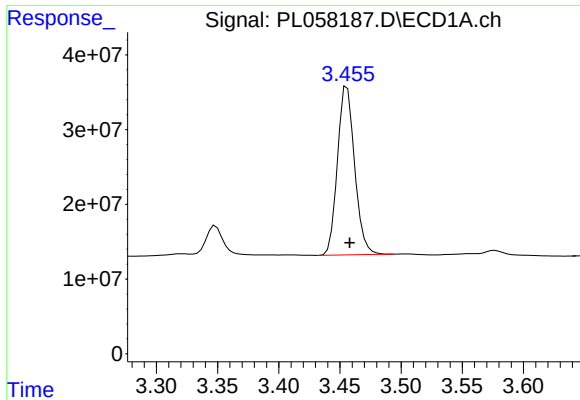
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042020\
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Acq On : 20 Apr 2020 17:10
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

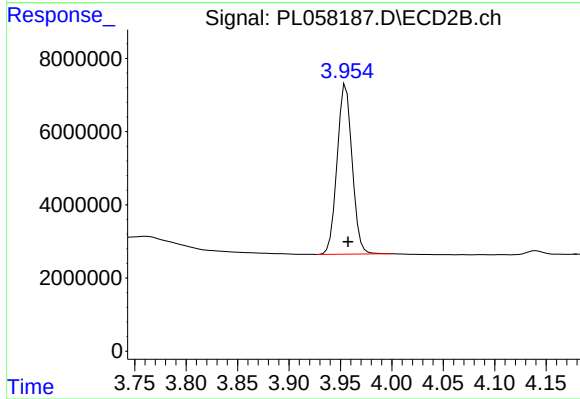




#1 Tetrachloro-m-xylene

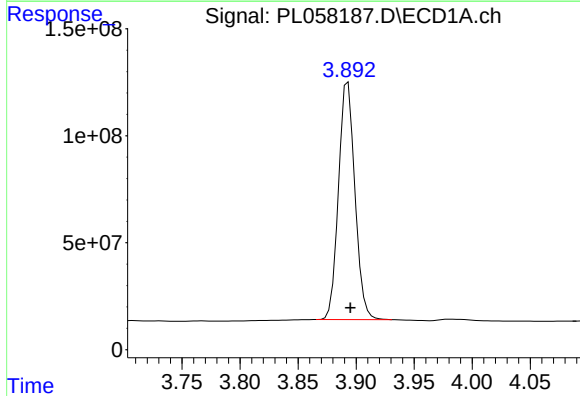
R.T.: 3.456 min
Delta R.T.: -0.002 min
Response: 220255480
Conc: 21.85 ng/ml

Instrument :
ECD_L
ClientSampleId :



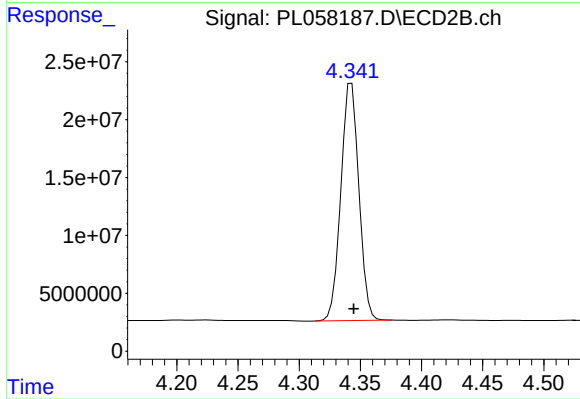
#1 Tetrachloro-m-xylene

R.T.: 3.955 min
Delta R.T.: -0.002 min
Response: 47093025
Conc: 21.70 ng/ml



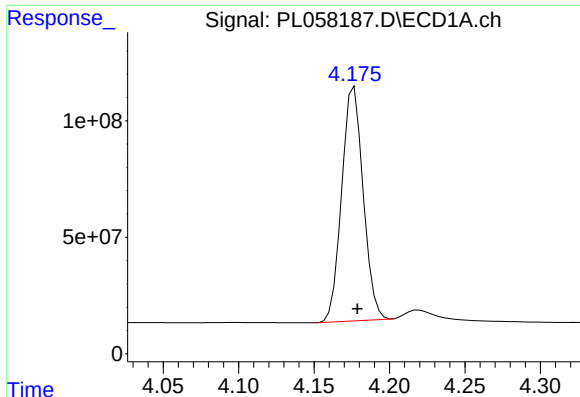
#2 alpha-BHC

R.T.: 3.893 min
Delta R.T.: -0.002 min
Response: 1096051539
Conc: 63.09 ng/ml



#2 alpha-BHC

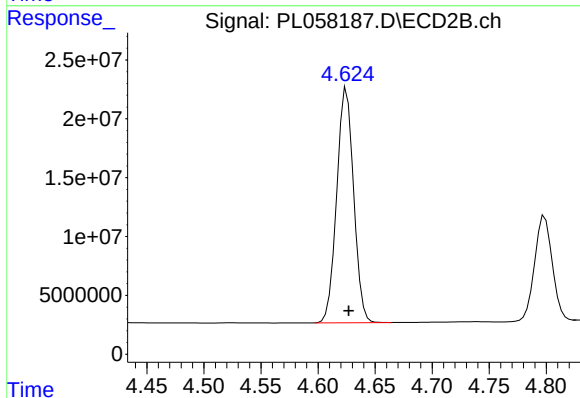
R.T.: 4.343 min
Delta R.T.: -0.002 min
Response: 210331624
Conc: 64.05 ng/ml



#3 gamma-BHC (Lindane)

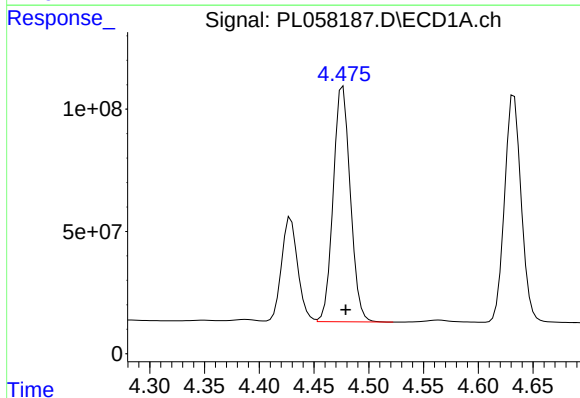
R.T.: 4.177 min
Delta R.T.: -0.002 min
Response: 995327340
Conc: 68.48 ng/ml

Instrument :
ECD_L
ClientSampleId :



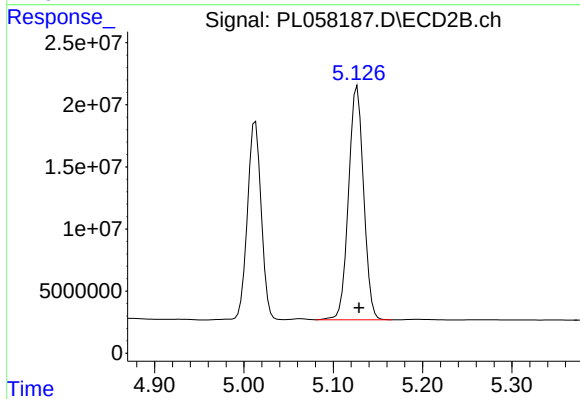
#3 gamma-BHC (Lindane)

R.T.: 4.625 min
Delta R.T.: -0.002 min
Response: 206058358
Conc: 63.43 ng/ml



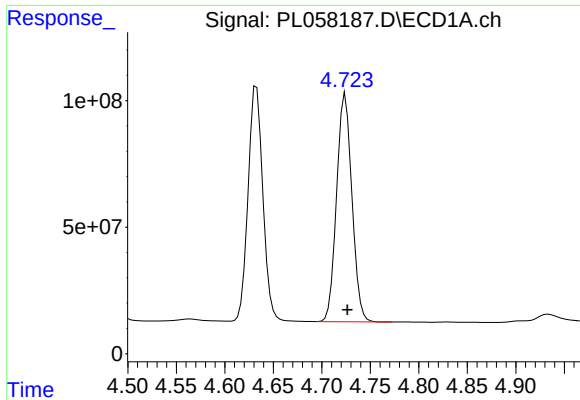
#4 Heptachlor

R.T.: 4.476 min
Delta R.T.: -0.002 min
Response: 1044124302
Conc: 65.13 ng/ml



#4 Heptachlor

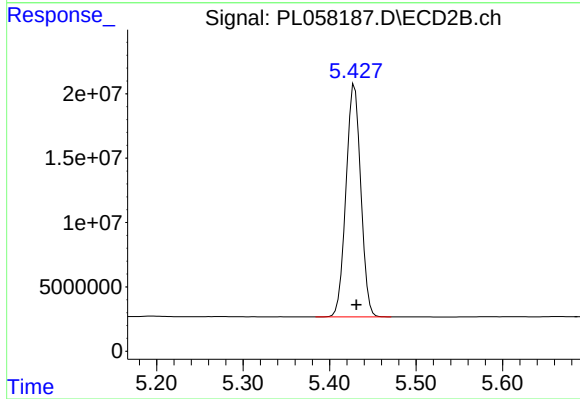
R.T.: 5.127 min
Delta R.T.: -0.002 min
Response: 220840413
Conc: 65.80 ng/ml



#5 Aldrin

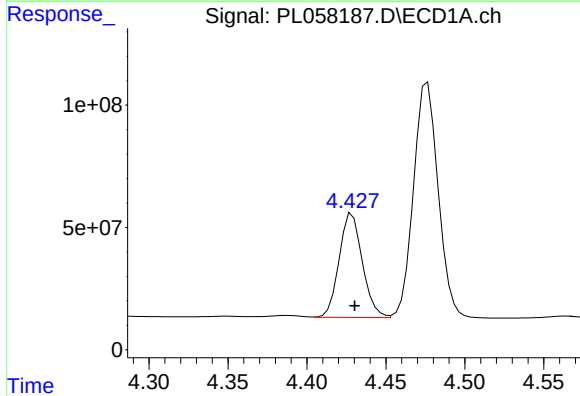
R.T.: 4.724 min
Delta R.T.: -0.002 min
Response: 989522004
Conc: 67.20 ng/ml

Instrument :
ECD_L
ClientSampleId :



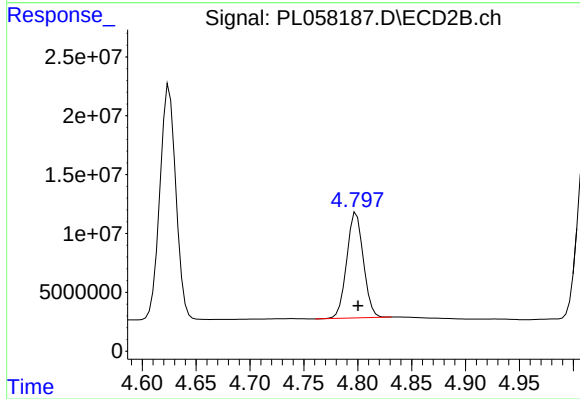
#5 Aldrin

R.T.: 5.429 min
Delta R.T.: -0.002 min
Response: 213823863
Conc: 66.03 ng/ml



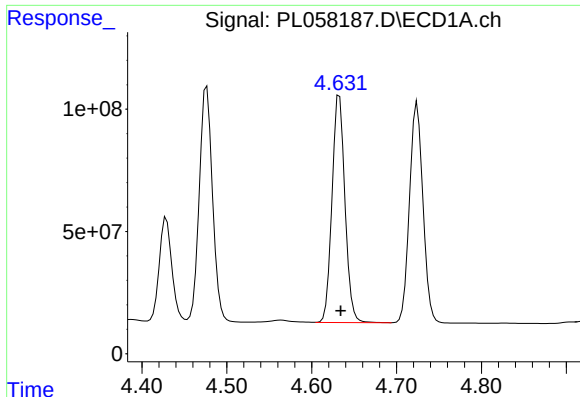
#6 beta-BHC

R.T.: 4.429 min
Delta R.T.: -0.002 min
Response: 436950933
Conc: 69.19 ng/ml



#6 beta-BHC

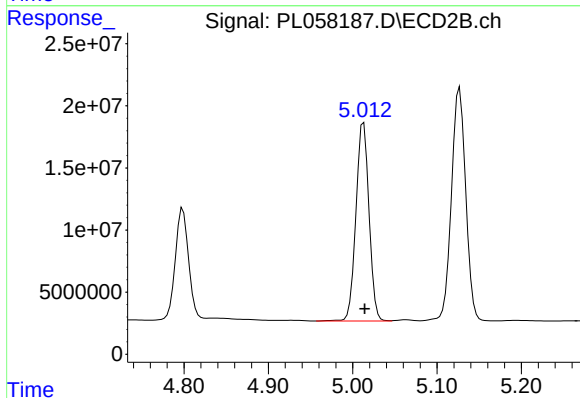
R.T.: 4.799 min
Delta R.T.: -0.002 min
Response: 96347736
Conc: 69.39 ng/ml



#7 delta-BHC

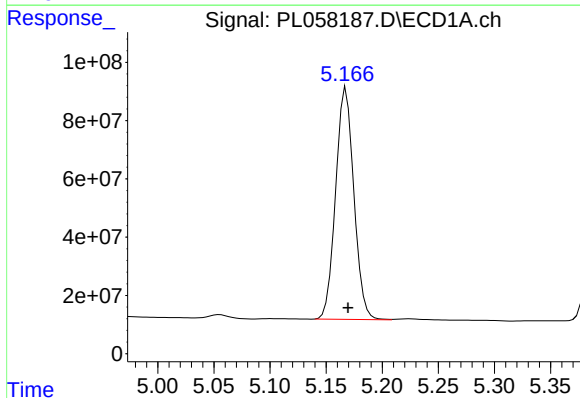
R.T.: 4.633 min
Delta R.T.: -0.002 min
Response: 987736366
Conc: 65.08 ng/ml

Instrument :
ECD_L
ClientSampleId :



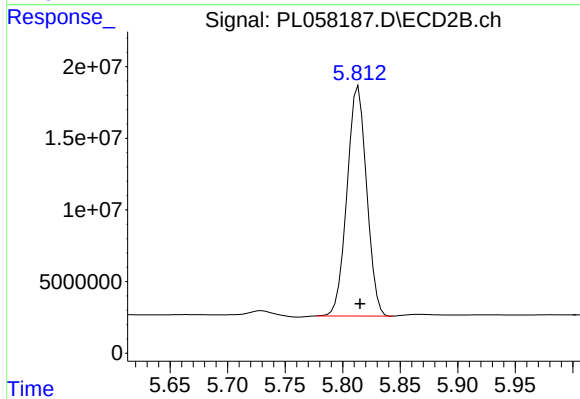
#7 delta-BHC

R.T.: 5.013 min
Delta R.T.: -0.001 min
Response: 171995659
Conc: 68.03 ng/ml



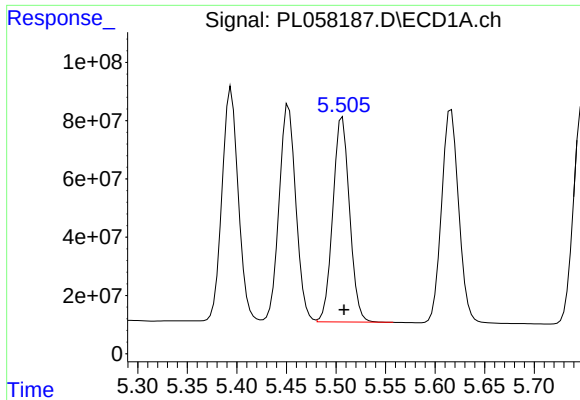
#8 Heptachlor epoxide

R.T.: 5.168 min
Delta R.T.: -0.002 min
Response: 899176475
Conc: 66.90 ng/ml



#8 Heptachlor epoxide

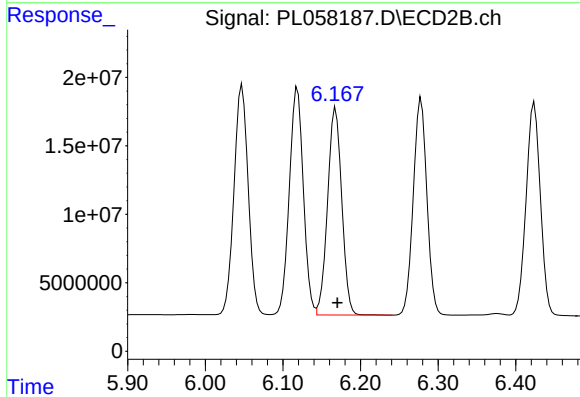
R.T.: 5.814 min
Delta R.T.: -0.002 min
Response: 191430985
Conc: 70.89 ng/ml



#9 Endosulfan I

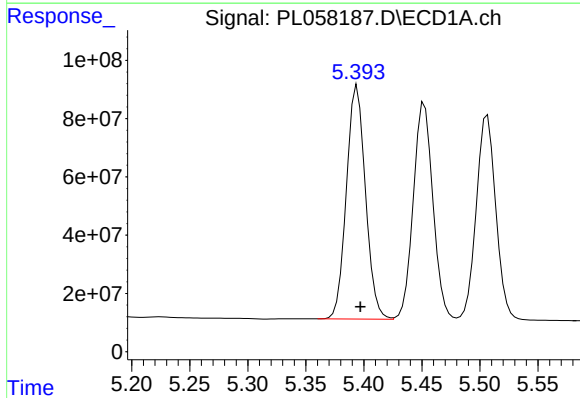
R.T.: 5.507 min
Delta R.T.: -0.002 min
Response: 823797908
Conc: 67.21 ng/ml

Instrument :
ECD_L
ClientSampleId :



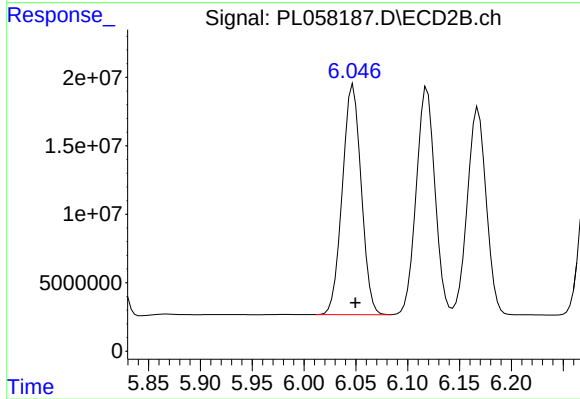
#9 Endosulfan I

R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 192152227
Conc: 64.44 ng/ml



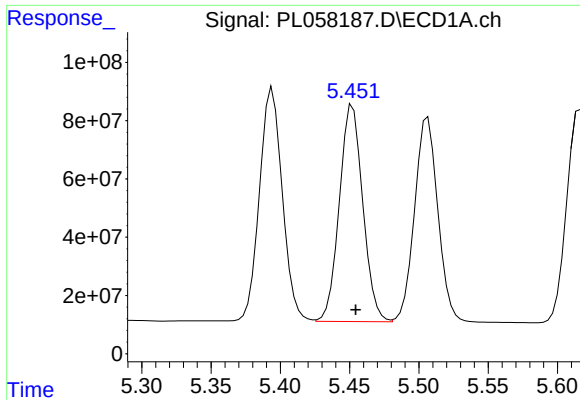
#10 gamma-Chlordane

R.T.: 5.394 min
Delta R.T.: -0.003 min
Response: 915585005
Conc: 67.42 ng/ml



#10 gamma-Chlordane

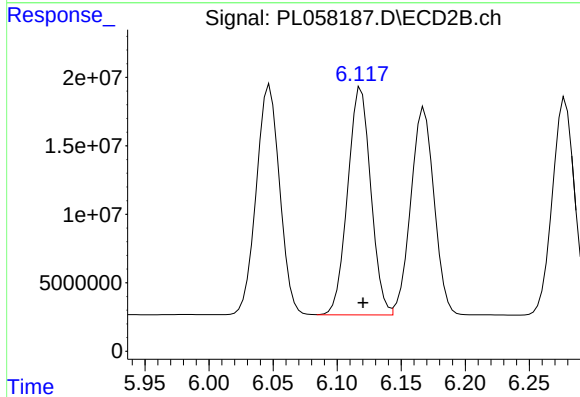
R.T.: 6.047 min
Delta R.T.: -0.002 min
Response: 212859887
Conc: 65.70 ng/ml



#11 alpha-Chlordane

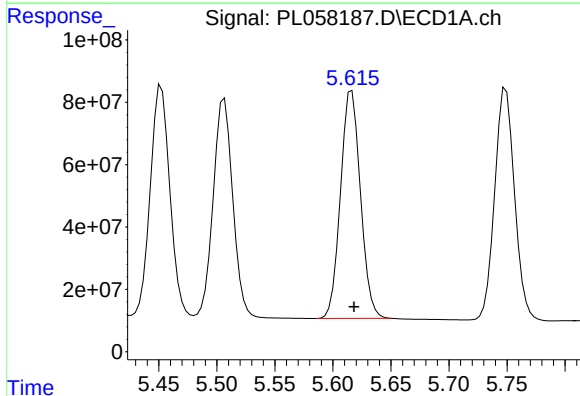
R.T.: 5.452 min
Delta R.T.: -0.002 min
Response: 876659058
Conc: 65.84 ng/ml

Instrument :
ECD_L
ClientSampleId :



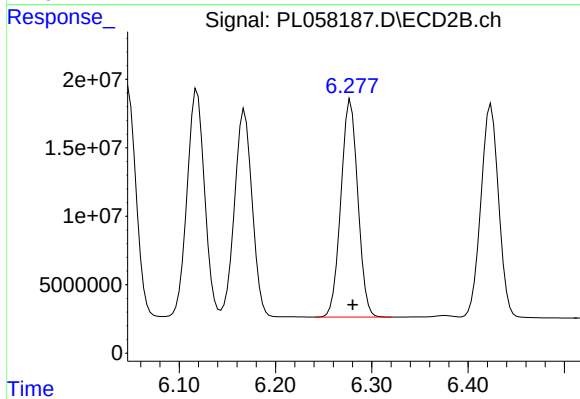
#11 alpha-Chlordane

R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 208993646
Conc: 63.87 ng/ml



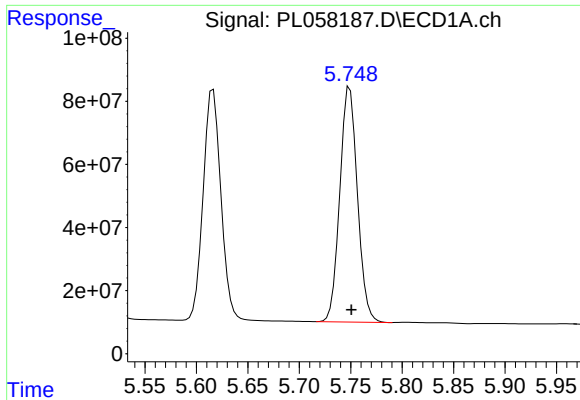
#12 4,4'-DDE

R.T.: 5.616 min
Delta R.T.: -0.002 min
Response: 874773218
Conc: 66.78 ng/ml



#12 4,4'-DDE

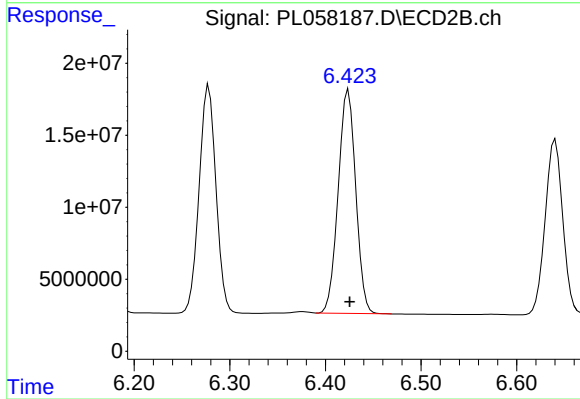
R.T.: 6.278 min
Delta R.T.: -0.002 min
Response: 193558062
Conc: 65.38 ng/ml



#13 Dieldrin

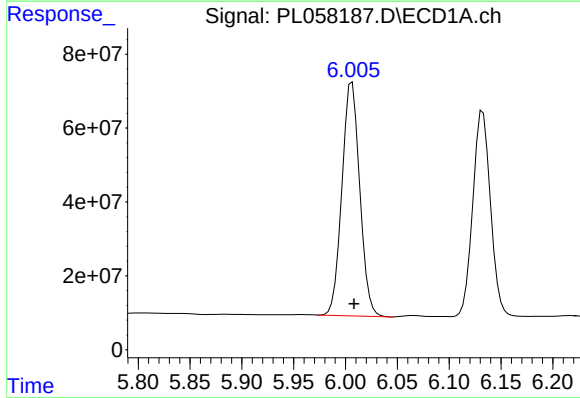
R.T.: 5.749 min
Delta R.T.: -0.002 min
Response: 888546595
Conc: 68.30 ng/ml

Instrument :
ECD_L
ClientSampleId :



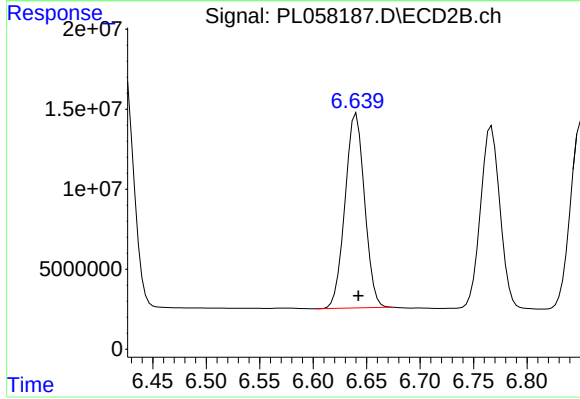
#13 Dieldrin

R.T.: 6.424 min
Delta R.T.: -0.002 min
Response: 198302042
Conc: 64.90 ng/ml



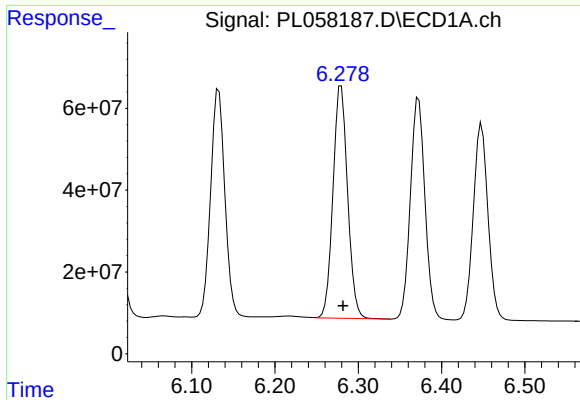
#14 Endrin

R.T.: 6.006 min
Delta R.T.: -0.002 min
Response: 756914113
Conc: 64.84 ng/ml



#14 Endrin

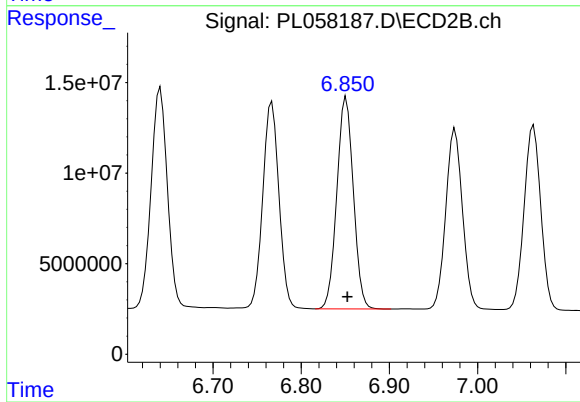
R.T.: 6.640 min
Delta R.T.: -0.002 min
Response: 154455021
Conc: 61.82 ng/ml



#15 Endosulfan II

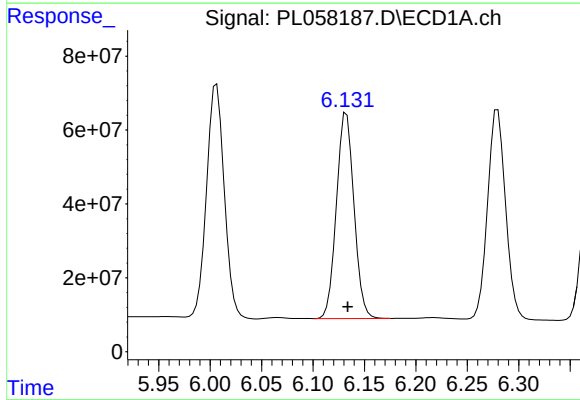
R.T.: 6.280 min
Delta R.T.: -0.002 min
Response: 692952736
Conc: 62.64 ng/ml

Instrument :
ECD_L
ClientSampleId :



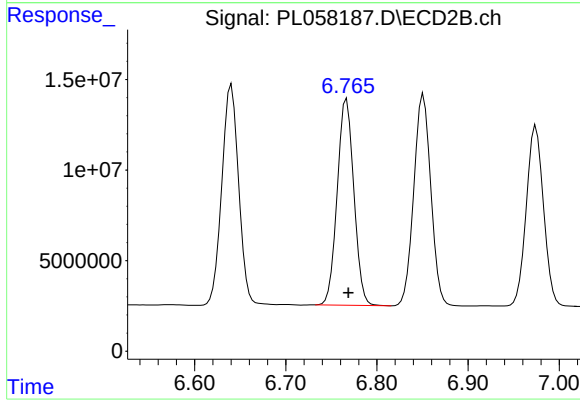
#15 Endosulfan II

R.T.: 6.851 min
Delta R.T.: -0.001 min
Response: 152147068
Conc: 58.66 ng/ml



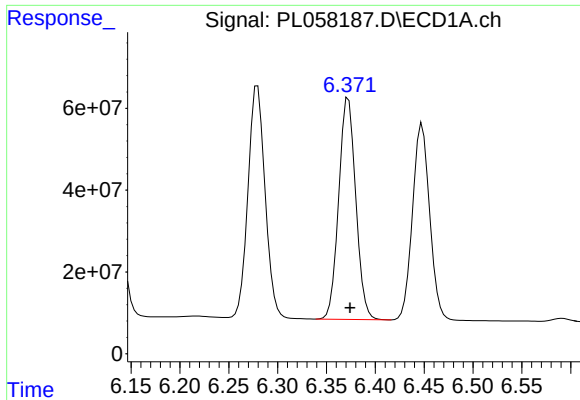
#16 4,4'-DDD

R.T.: 6.132 min
Delta R.T.: -0.001 min
Response: 661378084
Conc: 66.17 ng/ml



#16 4,4'-DDD

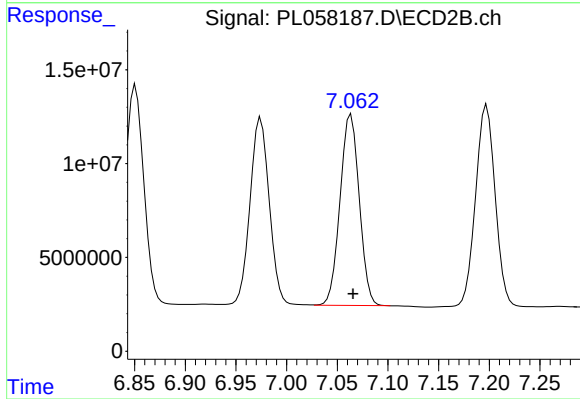
R.T.: 6.767 min
Delta R.T.: -0.002 min
Response: 144629639
Conc: 63.37 ng/ml



#17 4,4'-DDT

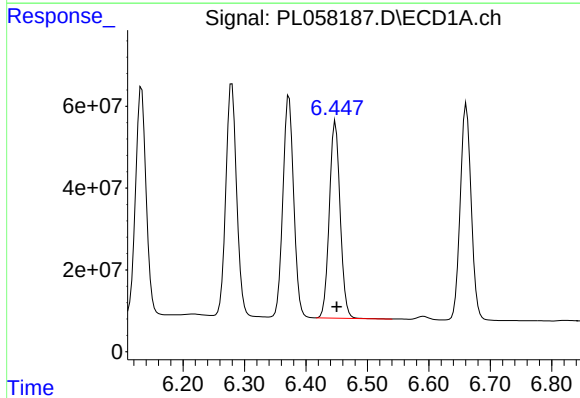
R.T.: 6.372 min
Delta R.T.: -0.002 min
Response: 658970971
Conc: 64.93 ng/ml

Instrument :
ECD_L
ClientSampleId :



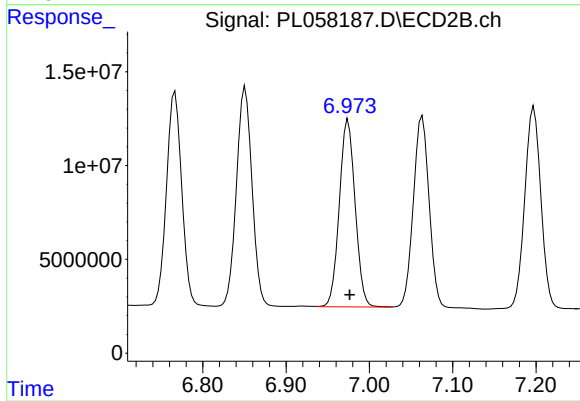
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: -0.002 min
Response: 134237839
Conc: 60.27 ng/ml



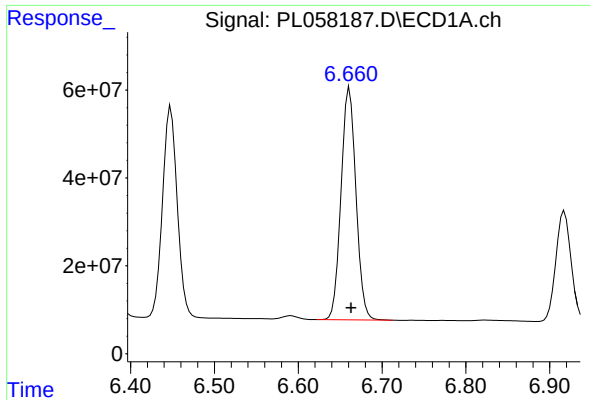
#18 Endrin aldehyde

R.T.: 6.448 min
Delta R.T.: -0.002 min
Response: 589317303
Conc: 63.03 ng/ml



#18 Endrin aldehyde

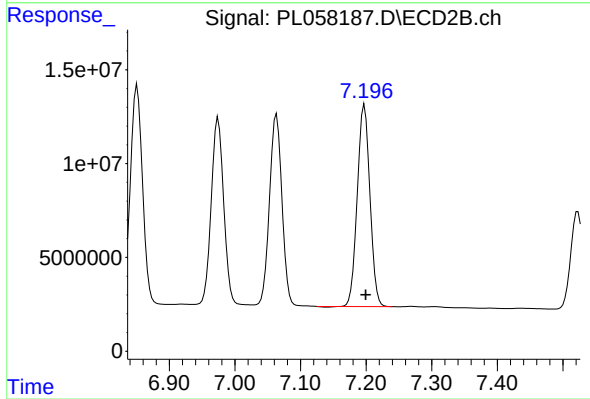
R.T.: 6.975 min
Delta R.T.: -0.002 min
Response: 131766054
Conc: 59.31 ng/ml



#19 Endosulfan Sulfate

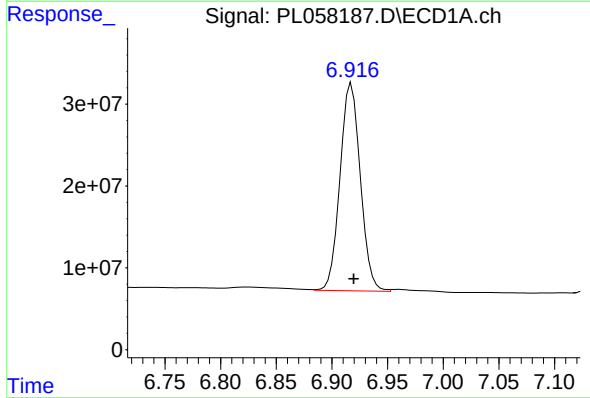
R.T.: 6.661 min
Delta R.T.: -0.002 min
Response: 652577179
Conc: 64.23 ng/ml

Instrument :
ECD_L
ClientSampleId :



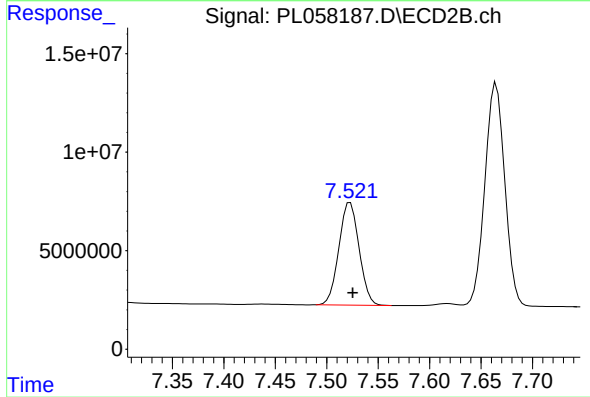
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: -0.002 min
Response: 144214945
Conc: 60.77 ng/ml



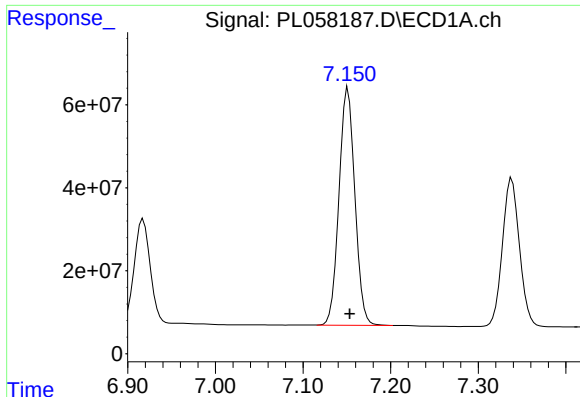
#20 Methoxychlor

R.T.: 6.918 min
Delta R.T.: -0.002 min
Response: 322225545
Conc: 58.45 ng/ml



#20 Methoxychlor

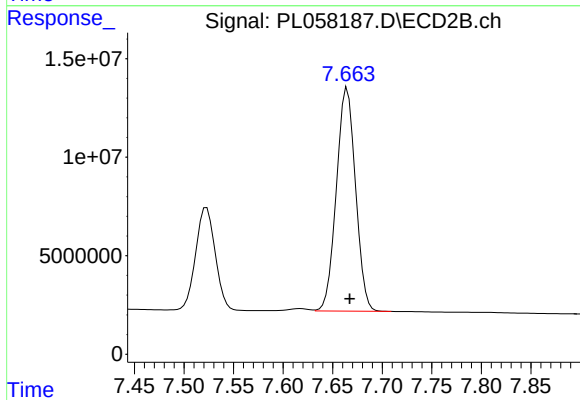
R.T.: 7.523 min
Delta R.T.: -0.002 min
Response: 71183444
Conc: 55.96 ng/ml



#21 Endrin ketone

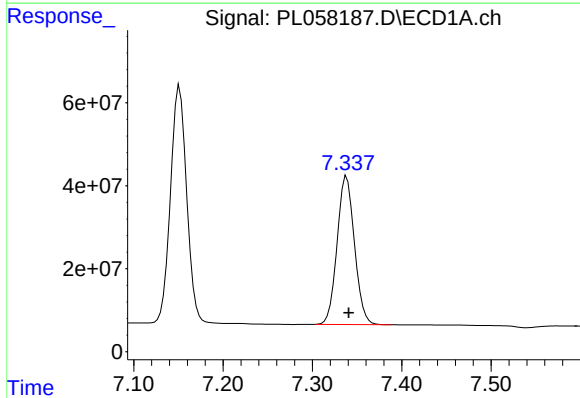
R.T.: 7.151 min
Delta R.T.: -0.002 min
Response: 721398144
Conc: 64.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



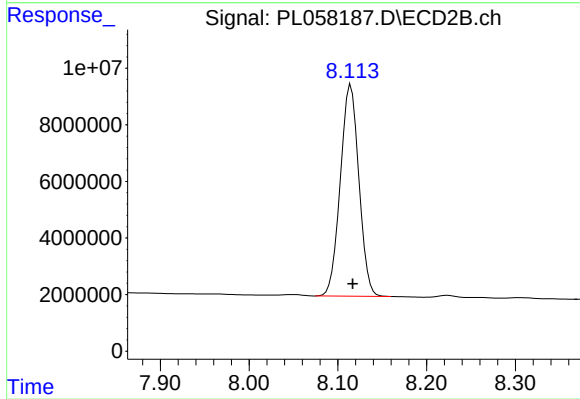
#21 Endrin ketone

R.T.: 7.665 min
Delta R.T.: -0.002 min
Response: 152411829
Conc: 61.65 ng/ml



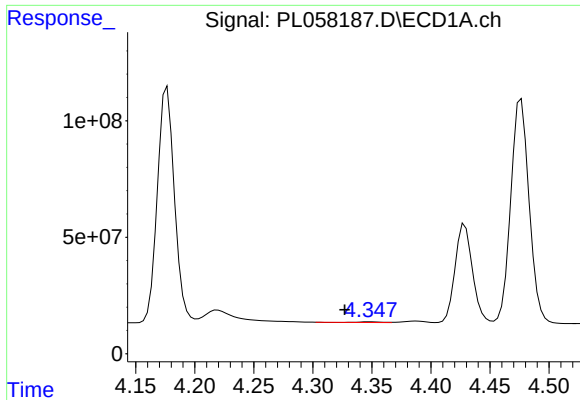
#22 Mirex

R.T.: 7.338 min
Delta R.T.: -0.002 min
Response: 483026520
Conc: 58.93 ng/ml



#22 Mirex

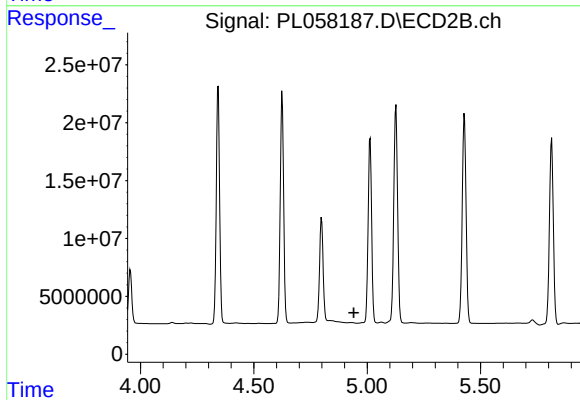
R.T.: 8.115 min
Delta R.T.: -0.002 min
Response: 108529022
Conc: 59.03 ng/ml



#23 Chlordane-1

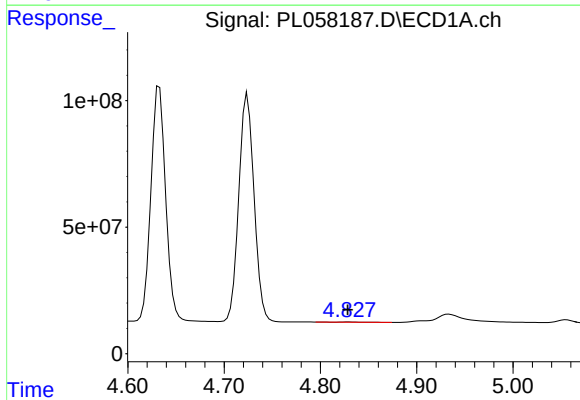
R.T.: 4.348 min
Delta R.T.: 0.021 min
Response: 3884210
Conc: 10.50 ng/ml

Instrument :
ECD_L
ClientSampleId :



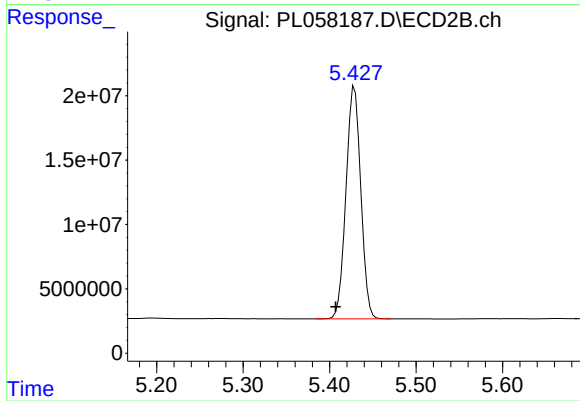
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.942 min
Response: 0
Conc: N.D.



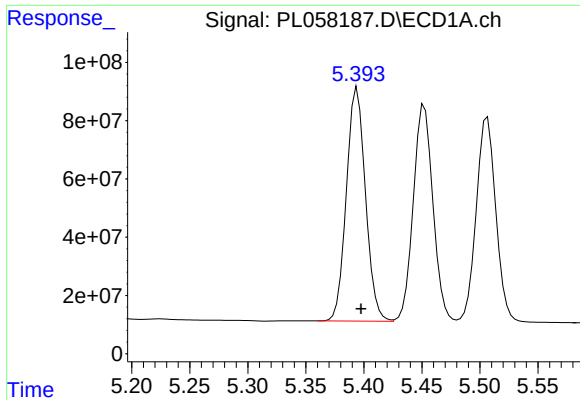
#24 Chlordane-2

R.T.: 4.829 min
Delta R.T.: 0.000 min
Response: 1489721
Conc: 3.69 ng/ml



#24 Chlordane-2

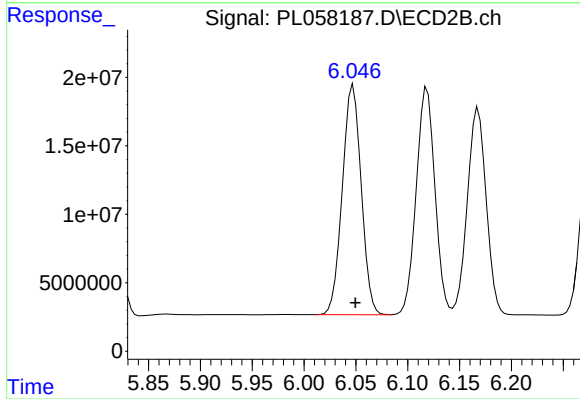
R.T.: 5.429 min
Delta R.T.: 0.022 min
Response: 213823863
Conc: 2048.93 ng/ml



#25 Chlordane-3

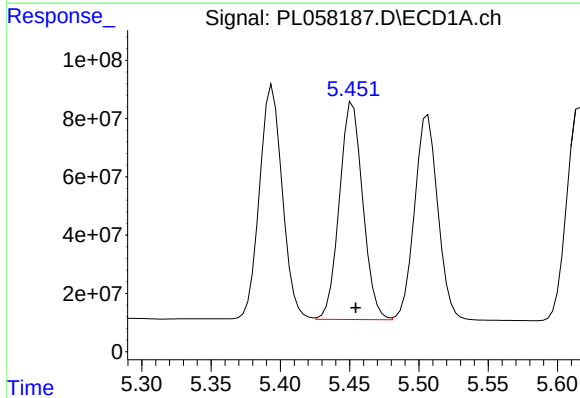
R.T.: 5.394 min
Delta R.T.: -0.003 min
Response: 915585005
Conc: 748.87 ng/ml

Instrument :
ECD_L
ClientSampleId :



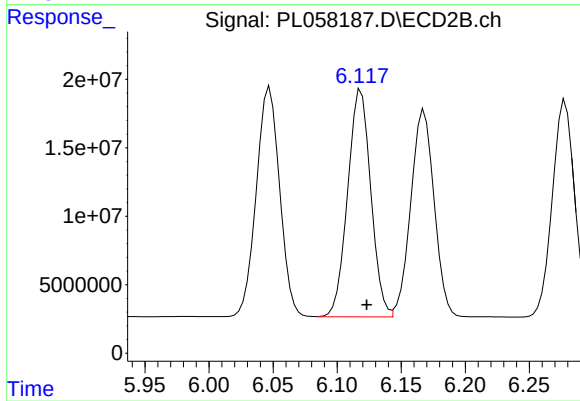
#25 Chlordane-3

R.T.: 6.047 min
Delta R.T.: -0.002 min
Response: 212859887
Conc: 491.96 ng/ml



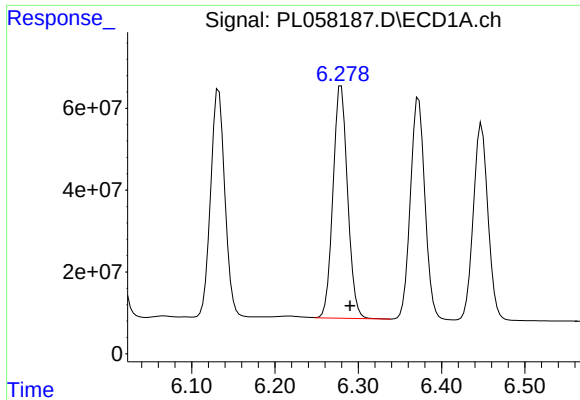
#26 Chlordane-4

R.T.: 5.452 min
Delta R.T.: -0.002 min
Response: 876659058
Conc: 842.77 ng/ml



#26 Chlordane-4

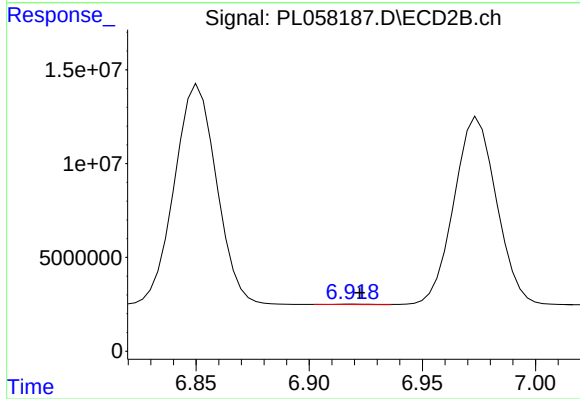
R.T.: 6.119 min
Delta R.T.: -0.005 min
Response: 208993646
Conc: 398.13 ng/ml



#27 Chlordane-5

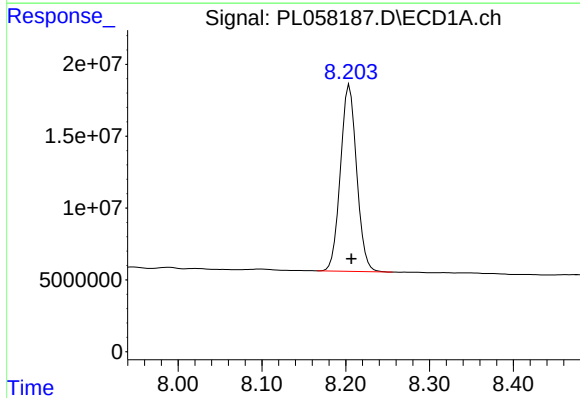
R.T.: 6.280 min
Delta R.T.: -0.011 min
Response: 692952736
Conc: 1831.87 ng/ml

Instrument :
ECD_L
ClientSampleId :



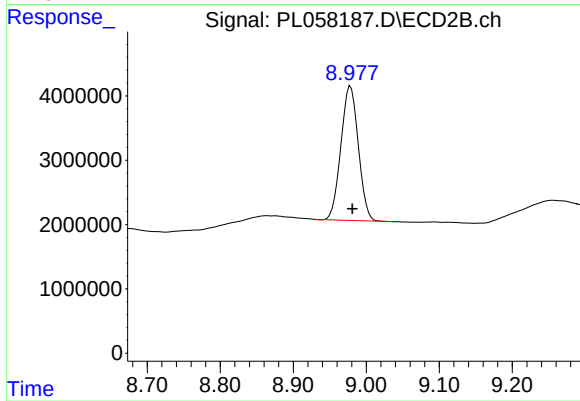
#27 Chlordane-5

R.T.: 6.920 min
Delta R.T.: -0.003 min
Response: 266688
Conc: 3.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.205 min
Delta R.T.: -0.002 min
Response: 174378545
Conc: 16.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.979 min
Delta R.T.: -0.002 min
Response: 34568636
Conc: 15.48 ng/ml