

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050825\
 Data File : PL095597.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2025 17:45
 Operator : AR\AJ
 Sample : Q19064-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-LLMSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 02:07:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 16:23:18 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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...	3.593	2.911	45070436	55849748	13.805	17.564 #
28)	SA Decachlor...	9.116	8.089	25950134	34106238	9.366	11.525
Target Compounds							
2)	A alpha-BHC	4.044	3.421	229.1E6	311.2E6	46.250	69.947 #
3)	MA gamma-BHC...	4.375	3.754	235.5E6	290.0E6	49.742	65.936 #
4)	MA Heptachlor	4.973	4.108	237.0E6	273.2E6	51.805	62.717
5)	MB Aldrin	5.315	4.393	241.3E6	268.9E6	52.526	65.330
6)	B beta-BHC	4.561	4.048	102.5E6	129.3E6	49.594	62.266 #
7)	B delta-BHC	0.000	4.284	0	292.8E6	N.D.	66.819 #
8)	B Heptachlo...	5.735	4.896	215.4E6	248.8E6	53.781	64.406
9)	A Endosulfan I	6.119	5.269	205.5E6	237.3E6	54.121	64.816
10)	B gamma-Chl...	5.990	5.149	222.9E6	256.7E6	54.633	63.351
11)	B alpha-Chl...	6.071	5.213	219.0E6	251.5E6	53.854	63.171
12)	B 4,4'-DDE	6.240	5.399	216.1E6	254.2E6	55.114	62.512
13)	MA Dieldrin	6.391	5.534	204.0E6	263.6E6	52.925	64.810
14)	MA Endrin	6.619	5.809	173.0E6	236.5E6	54.316	64.956
15)	B Endosulfa...	6.831	6.100	172.5E6	229.8E6	54.046	63.995
16)	A 4,4'-DDD	6.749	5.951	158.2E6	211.9E6	55.869	64.864
17)	MA 4,4'-DDT	7.063	6.205	147.3E6	215.0E6	51.703	62.569
18)	B Endrin al...	6.960	6.277	122.2E6	164.4E6	52.635	62.902
19)	B Endosulfa...	7.193	6.500	149.6E6	201.6E6	53.382	60.749
20)	A Methoxychlor	7.535	6.775	69097138	114.1E6	49.527	59.809
21)	B Endrin ke...	7.675	7.007	149.4E6	236.0E6	52.388	67.033 #
22)	Mirex	8.156	7.203	122.4E6	199.5E6	51.502	69.213 #
24)	Chlordane-2	5.315f	0.000	241.3E6	0	1139.514	N.D. #
25)	Chlordane-3	5.990	5.149	222.9E6	256.7E6	286.119	496.960 #
26)	Chlordane-4	6.071	5.213	219.0E6	251.5E6	232.228	578.651 #
27)	Chlordane-5	0.000	6.100	0	229.8E6	N.D.	1243.993 #

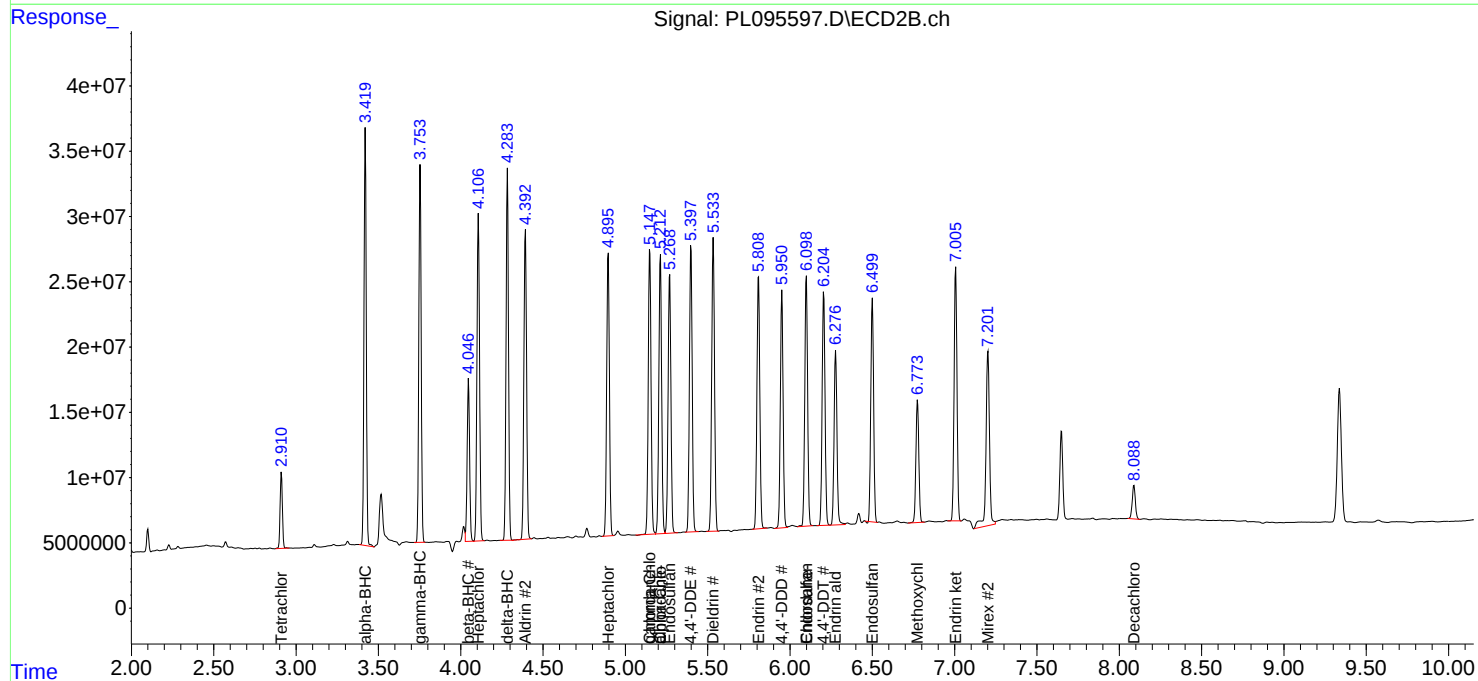
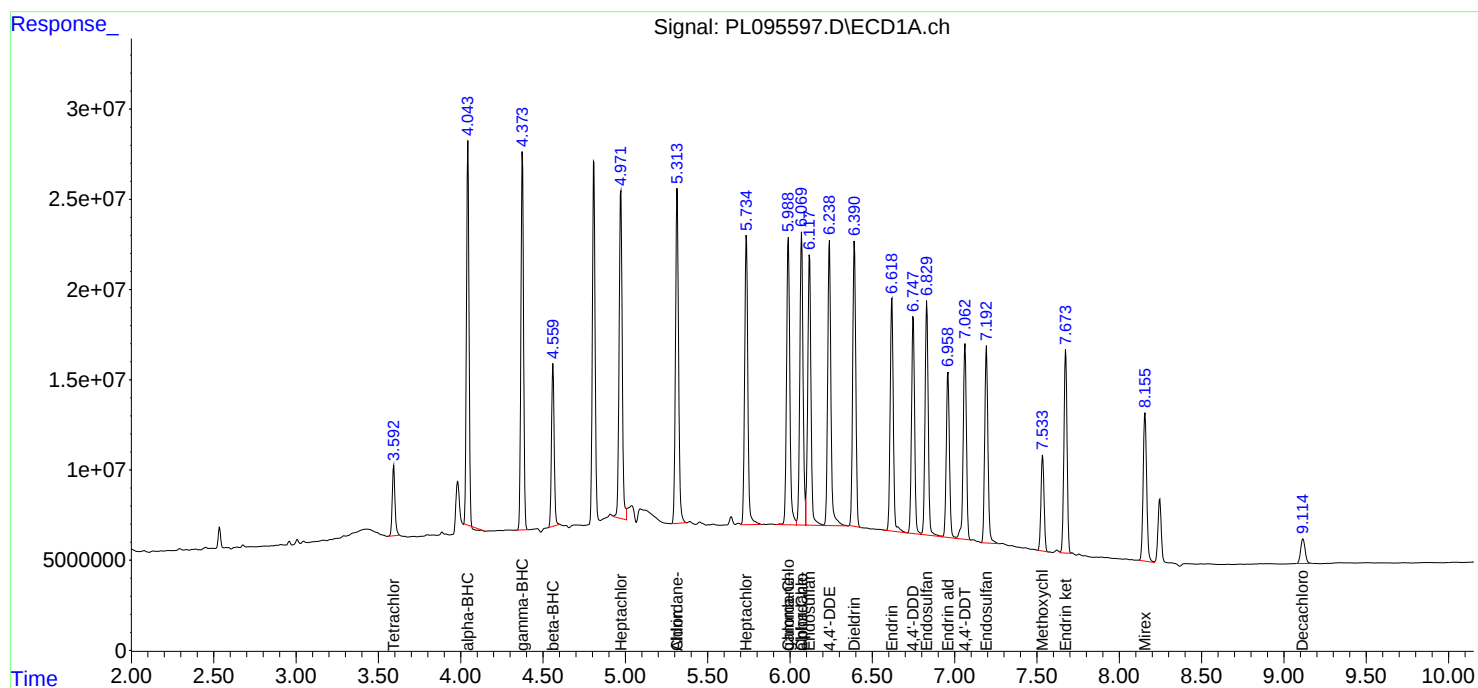
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

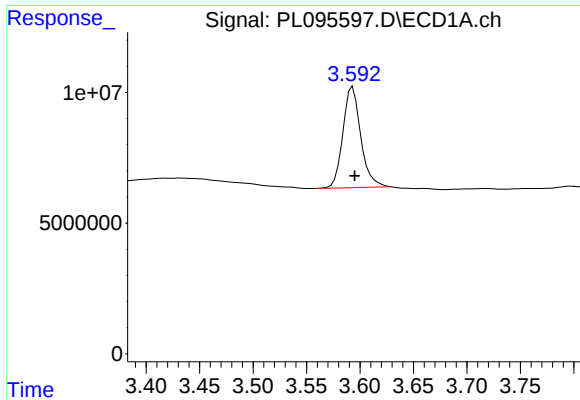
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050825\
Data File : PL095597.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 May 2025 17:45
Operator : AR\AJ
Sample : Q19064-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_L
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MH-LLMSD

Integration File signal 1: autoint1.e
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Quant Time: May 09 02:07:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
Quant Title : GC Extractables
QLast Update : Wed Apr 23 16:23:18 2025
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Volume Inj. : 1 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

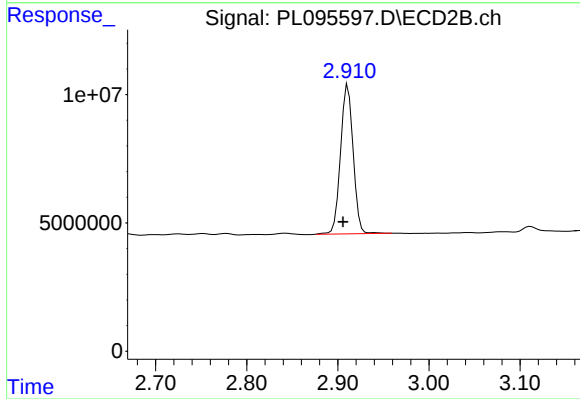




#1 Tetrachloro-m-xylene

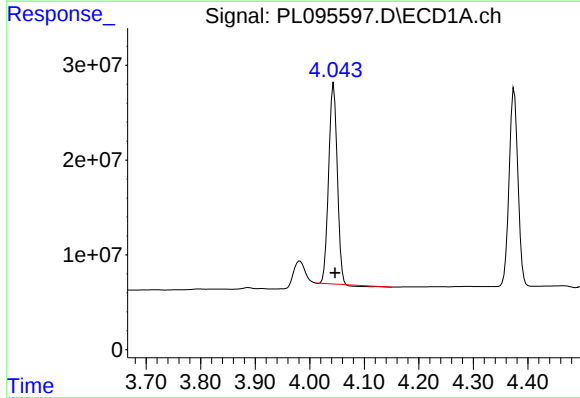
R.T.: 3.593 min
Delta R.T.: -0.002 min
Response: 45070436
Conc: 13.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-LLMSD



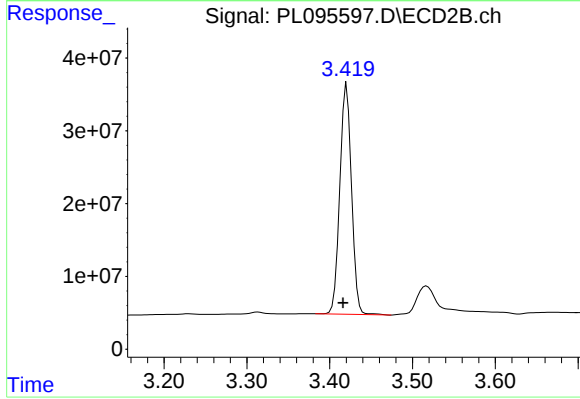
#1 Tetrachloro-m-xylene

R.T.: 2.911 min
Delta R.T.: 0.006 min
Response: 55849748
Conc: 17.56 ng/ml



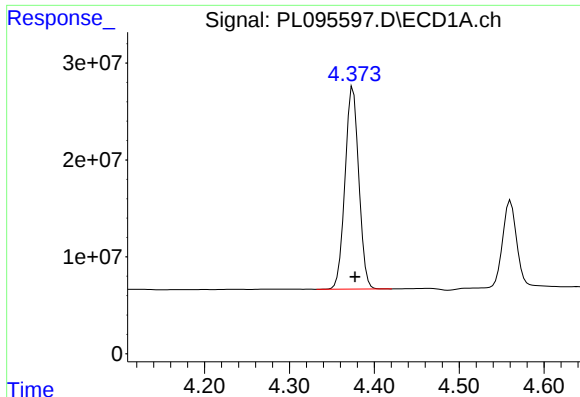
#2 alpha-BHC

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 229111597
Conc: 46.25 ng/ml



#2 alpha-BHC

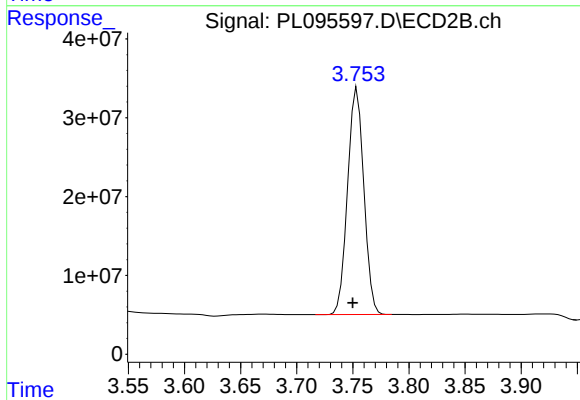
R.T.: 3.421 min
Delta R.T.: 0.005 min
Response: 311176547
Conc: 69.95 ng/ml



#3 gamma-BHC (Lindane)

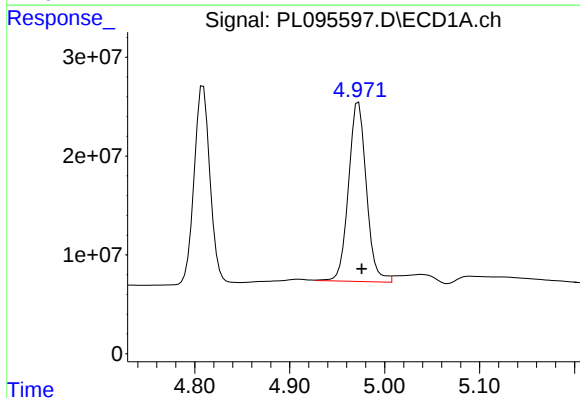
R.T.: 4.375 min
Delta R.T.: -0.003 min
Response: 235476950
Conc: 49.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-LLMSD



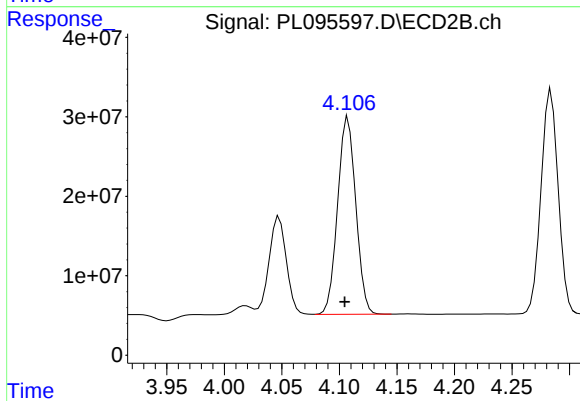
#3 gamma-BHC (Lindane)

R.T.: 3.754 min
Delta R.T.: 0.004 min
Response: 290000837
Conc: 65.94 ng/ml



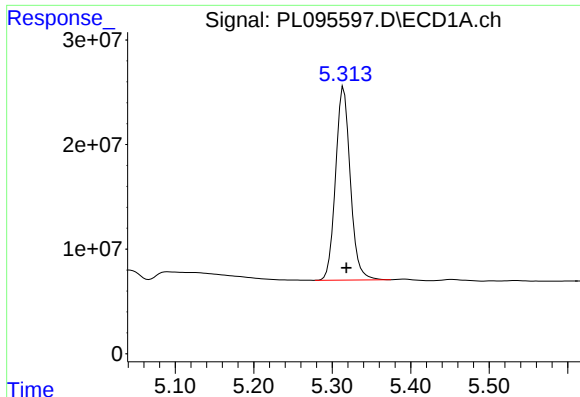
#4 Heptachlor

R.T.: 4.973 min
Delta R.T.: -0.003 min
Response: 236979746
Conc: 51.80 ng/ml



#4 Heptachlor

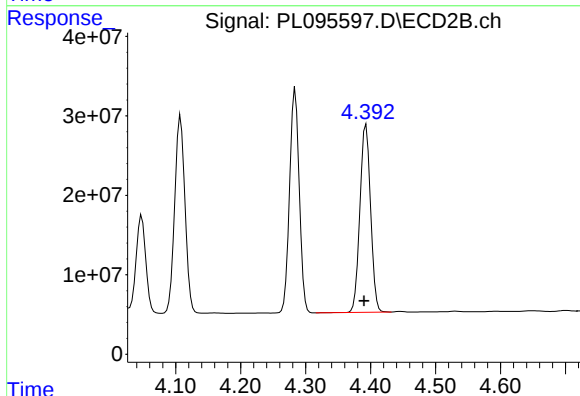
R.T.: 4.108 min
Delta R.T.: 0.003 min
Response: 273240405
Conc: 62.72 ng/ml



#5 Aldrin

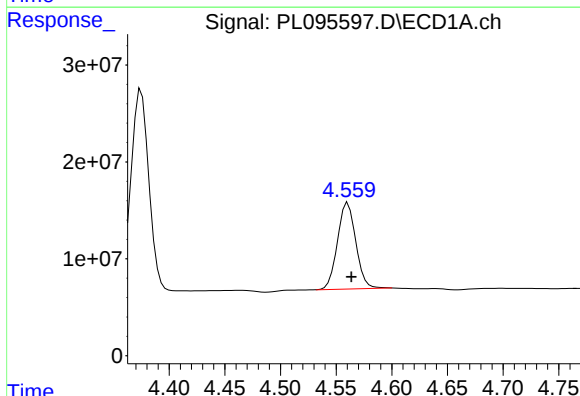
R.T.: 5.315 min
Delta R.T.: -0.003 min
Response: 241253086
Conc: 52.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-LLMSD



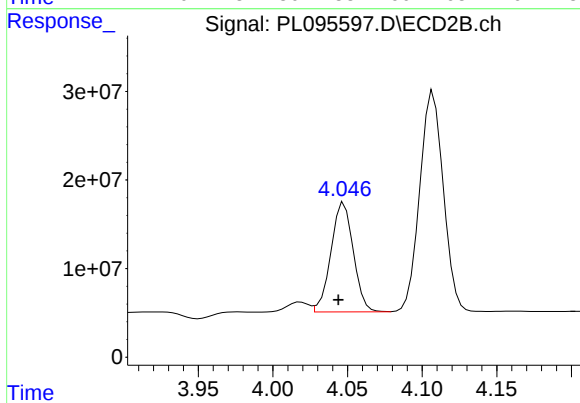
#5 Aldrin

R.T.: 4.393 min
Delta R.T.: 0.003 min
Response: 268878344
Conc: 65.33 ng/ml



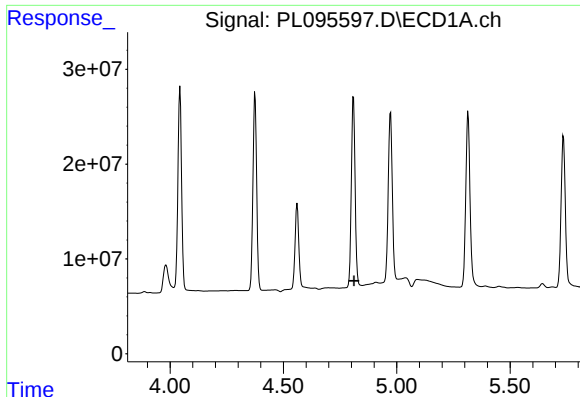
#6 beta-BHC

R.T.: 4.561 min
Delta R.T.: -0.003 min
Response: 102537267
Conc: 49.59 ng/ml



#6 beta-BHC

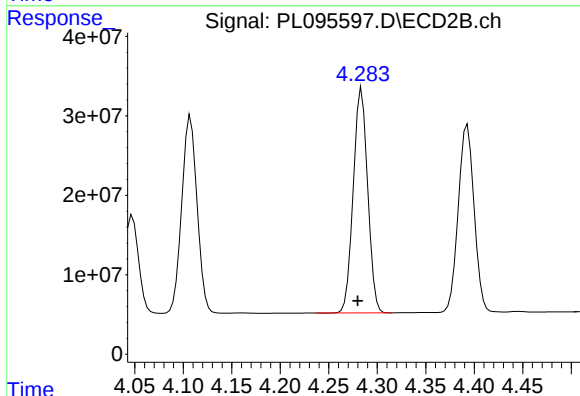
R.T.: 4.048 min
Delta R.T.: 0.004 min
Response: 129255230
Conc: 62.27 ng/ml



#7 delta-BHC

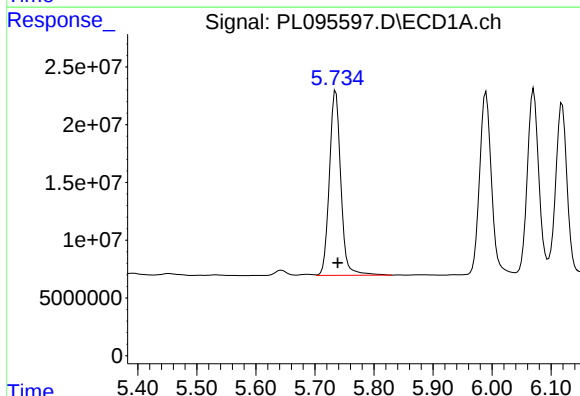
R.T.: 0.000 min
Exp R.T.: 4.812 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MH-LLMSD



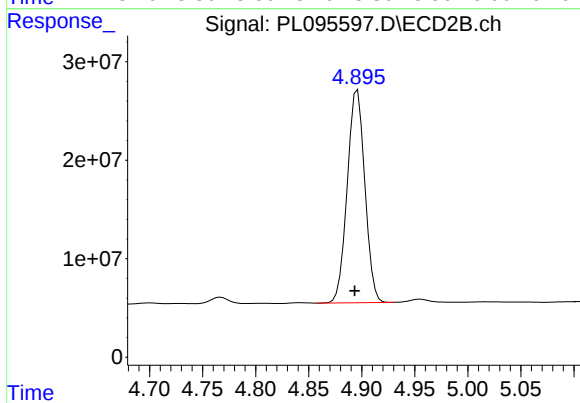
#7 delta-BHC

R.T.: 4.284 min
Delta R.T.: 0.004 min
Response: 292796160
Conc: 66.82 ng/ml



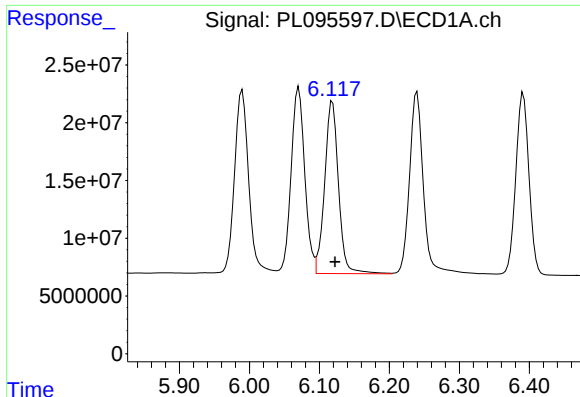
#8 Heptachlor epoxide

R.T.: 5.735 min
Delta R.T.: -0.004 min
Response: 215401686
Conc: 53.78 ng/ml



#8 Heptachlor epoxide

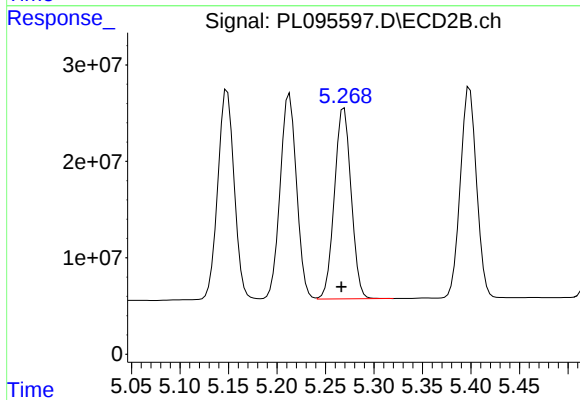
R.T.: 4.896 min
Delta R.T.: 0.003 min
Response: 248778322
Conc: 64.41 ng/ml



#9 Endosulfan I

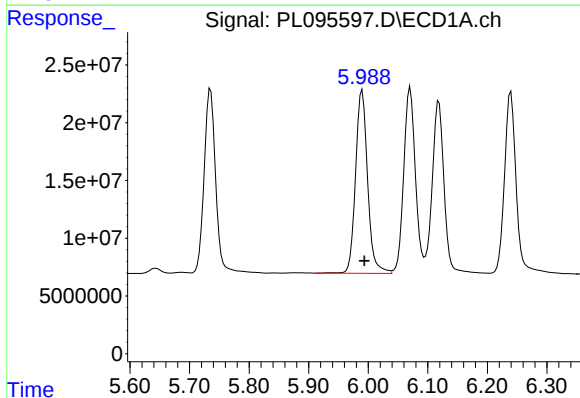
R.T.: 6.119 min
Delta R.T.: -0.004 min
Response: 205523071
Conc: 54.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-LLMSD



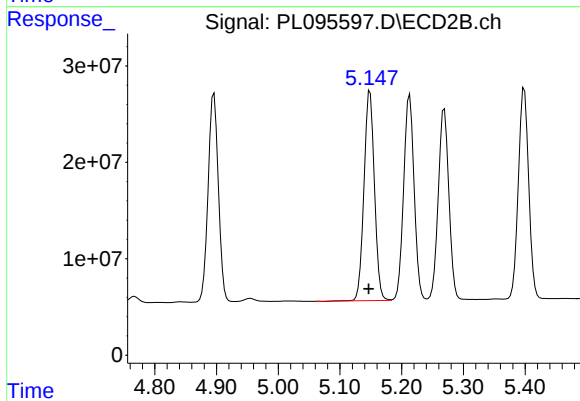
#9 Endosulfan I

R.T.: 5.269 min
Delta R.T.: 0.003 min
Response: 237252693
Conc: 64.82 ng/ml



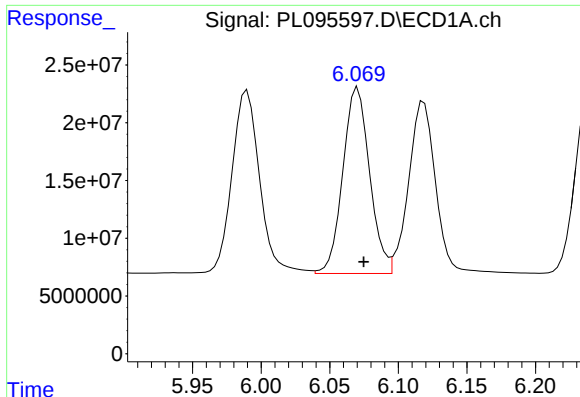
#10 gamma-Chlordane

R.T.: 5.990 min
Delta R.T.: -0.004 min
Response: 222866011
Conc: 54.63 ng/ml



#10 gamma-Chlordane

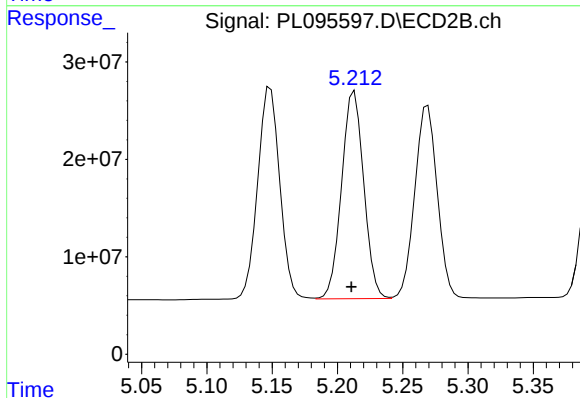
R.T.: 5.149 min
Delta R.T.: 0.002 min
Response: 256740691
Conc: 63.35 ng/ml



#11 alpha-Chlordane

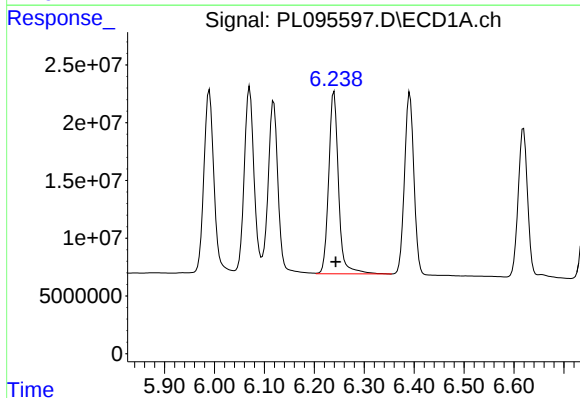
R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 218974890
Conc: 53.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-LLMSD



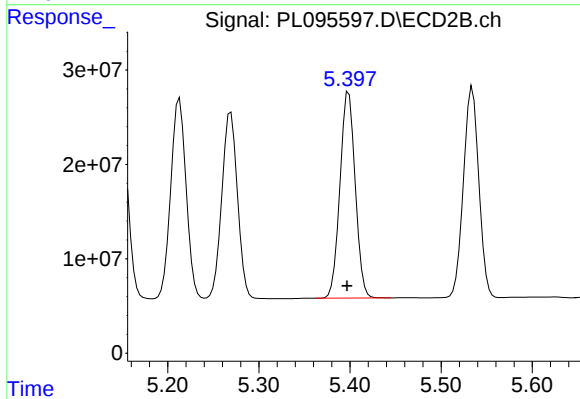
#11 alpha-Chlordane

R.T.: 5.213 min
Delta R.T.: 0.002 min
Response: 251488679
Conc: 63.17 ng/ml



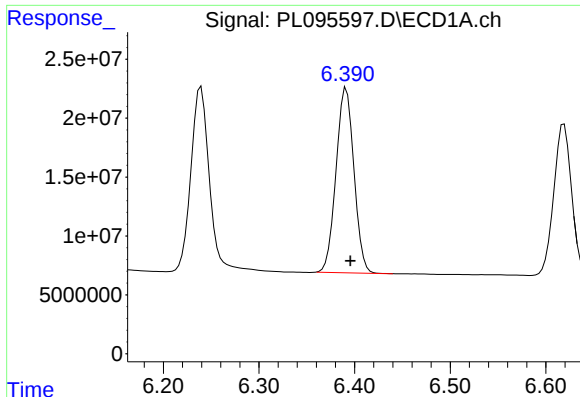
#12 4,4'-DDE

R.T.: 6.240 min
Delta R.T.: -0.004 min
Response: 216078059
Conc: 55.11 ng/ml



#12 4,4'-DDE

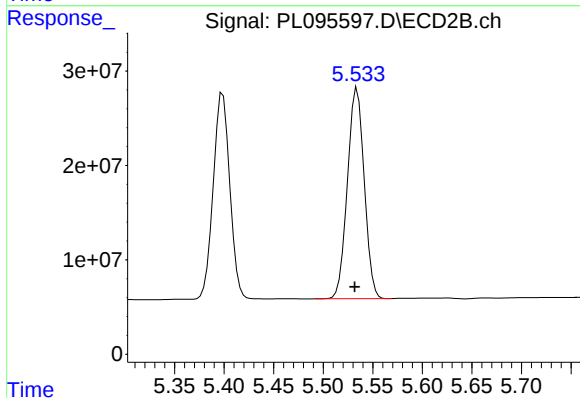
R.T.: 5.399 min
Delta R.T.: 0.002 min
Response: 254232417
Conc: 62.51 ng/ml



#13 Dieldrin

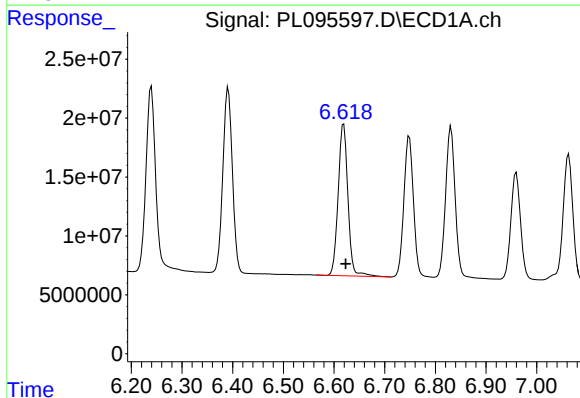
R.T.: 6.391 min
Delta R.T.: -0.004 min
Response: 204016273
Conc: 52.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-LLMSD



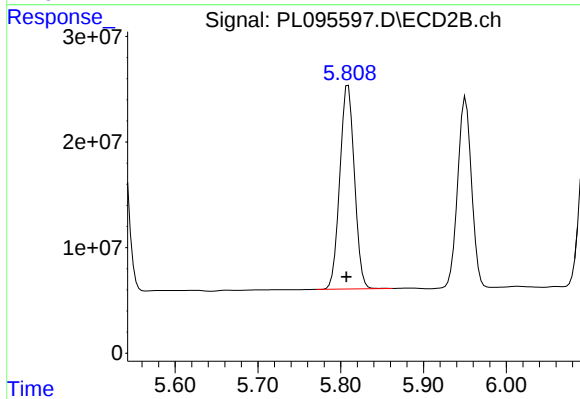
#13 Dieldrin

R.T.: 5.534 min
Delta R.T.: 0.002 min
Response: 263588251
Conc: 64.81 ng/ml



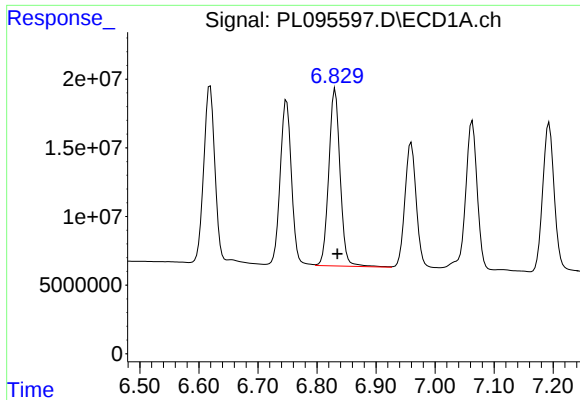
#14 Endrin

R.T.: 6.619 min
Delta R.T.: -0.004 min
Response: 172984108
Conc: 54.32 ng/ml



#14 Endrin

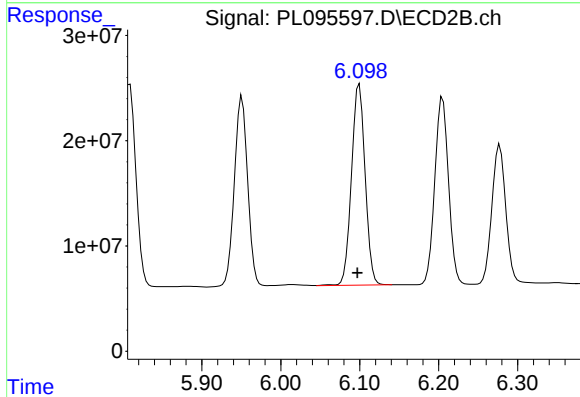
R.T.: 5.809 min
Delta R.T.: 0.002 min
Response: 236485802
Conc: 64.96 ng/ml



#15 Endosulfan II

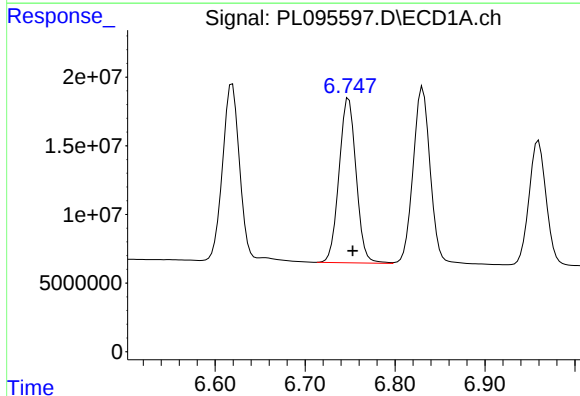
R.T.: 6.831 min
Delta R.T.: -0.004 min
Response: 172524732
Conc: 54.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-LLMSD



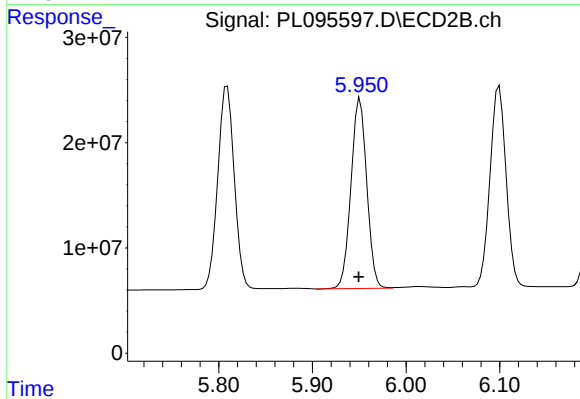
#15 Endosulfan II

R.T.: 6.100 min
Delta R.T.: 0.002 min
Response: 229813884
Conc: 64.00 ng/ml



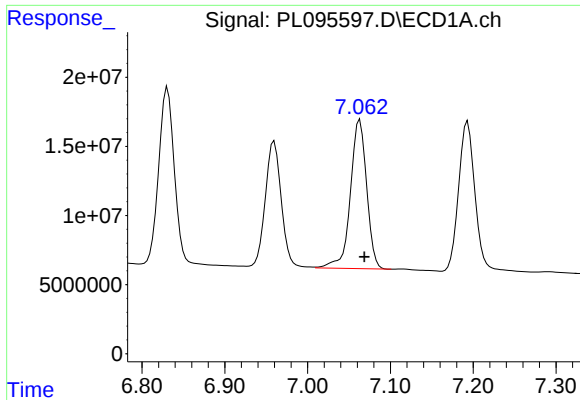
#16 4,4'-DDD

R.T.: 6.749 min
Delta R.T.: -0.004 min
Response: 158162797
Conc: 55.87 ng/ml



#16 4,4'-DDD

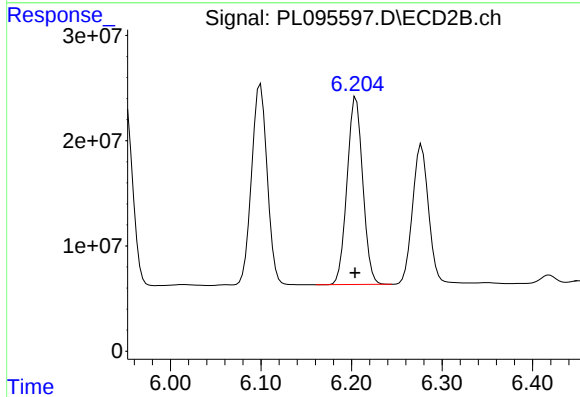
R.T.: 5.951 min
Delta R.T.: 0.002 min
Response: 211896797
Conc: 64.86 ng/ml



#17 4,4'-DDT

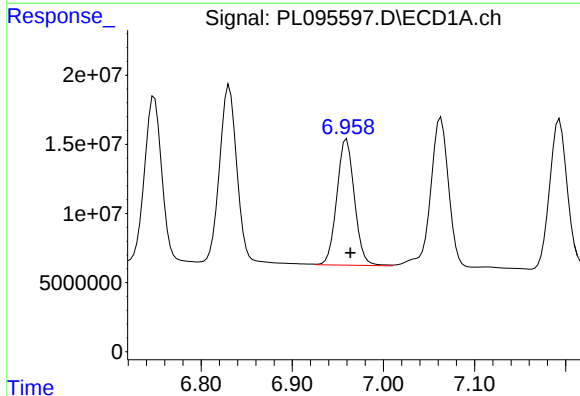
R.T.: 7.063 min
Delta R.T.: -0.005 min
Response: 147279010
Conc: 51.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-LLMSD



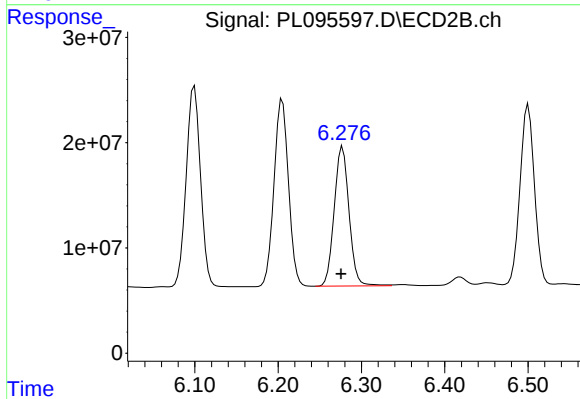
#17 4,4'-DDT

R.T.: 6.205 min
Delta R.T.: 0.001 min
Response: 214999204
Conc: 62.57 ng/ml



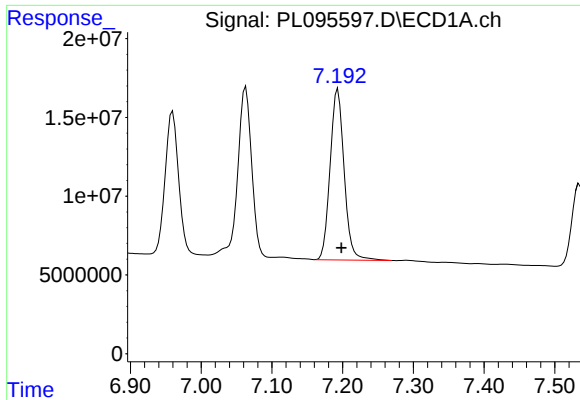
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: -0.004 min
Response: 122154347
Conc: 52.63 ng/ml



#18 Endrin aldehyde

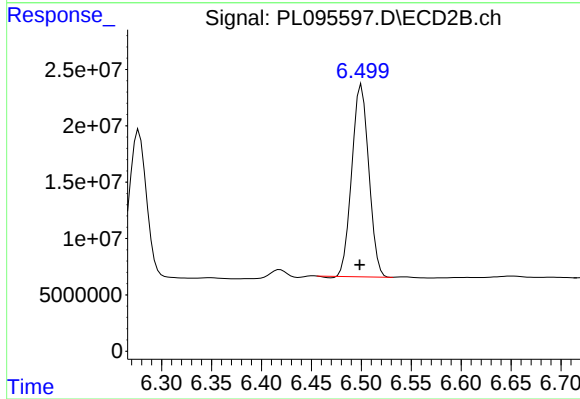
R.T.: 6.277 min
Delta R.T.: 0.002 min
Response: 164371873
Conc: 62.90 ng/ml



#19 Endosulfan Sulfate

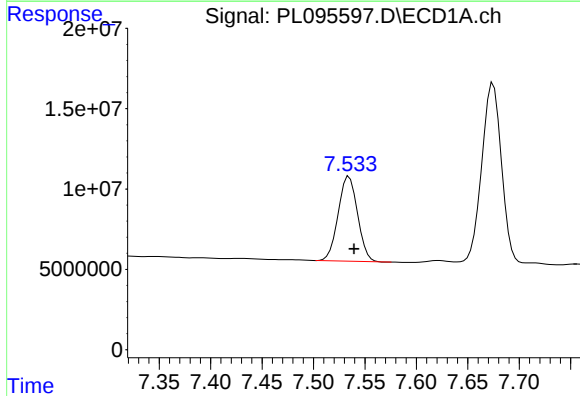
R.T.: 7.193 min
Delta R.T.: -0.005 min
Response: 149565121
Conc: 53.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-LLMSD



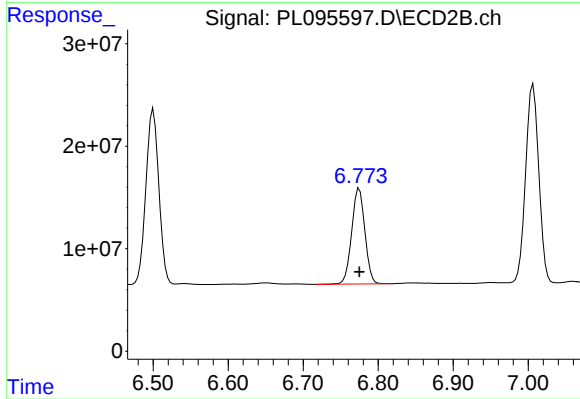
#19 Endosulfan Sulfate

R.T.: 6.500 min
Delta R.T.: 0.002 min
Response: 201562500
Conc: 60.75 ng/ml



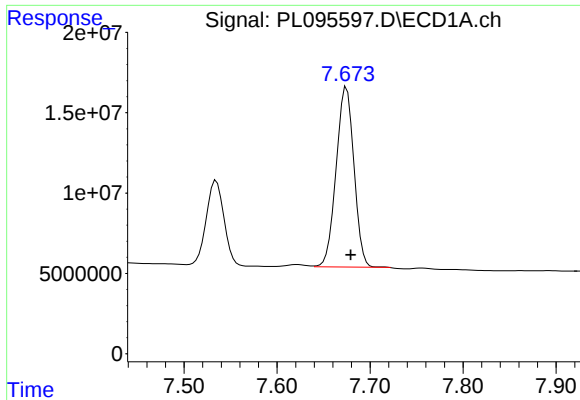
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: -0.005 min
Response: 69097138
Conc: 49.53 ng/ml



#20 Methoxychlor

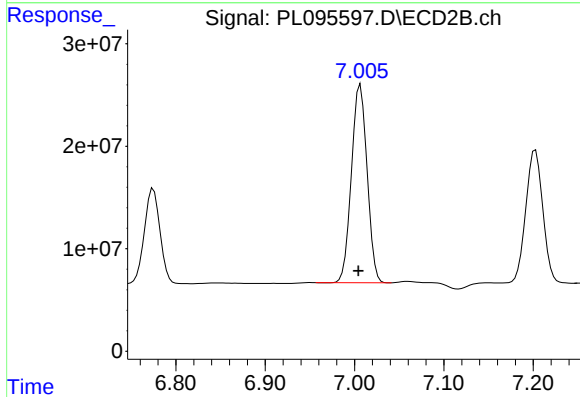
R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 114082255
Conc: 59.81 ng/ml



#21 Endrin ketone

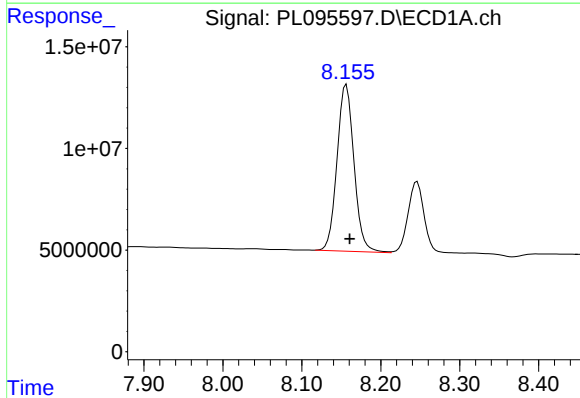
R.T.: 7.675 min
Delta R.T.: -0.005 min
Response: 149352428
Conc: 52.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-LLMSD



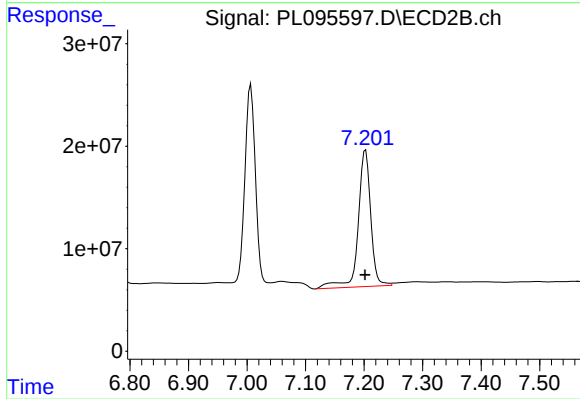
#21 Endrin ketone

R.T.: 7.007 min
Delta R.T.: 0.002 min
Response: 236041119
Conc: 67.03 ng/ml



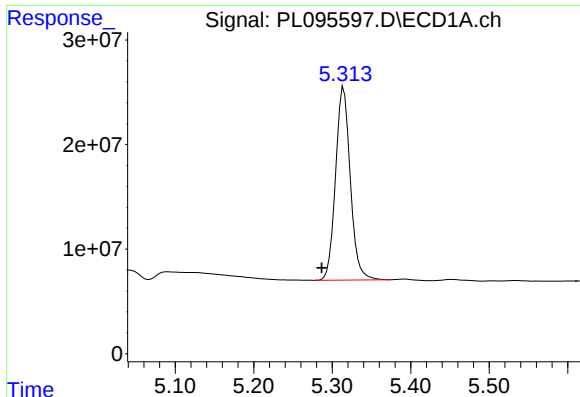
#22 Mirex

R.T.: 8.156 min
Delta R.T.: -0.004 min
Response: 122370357
Conc: 51.50 ng/ml



#22 Mirex

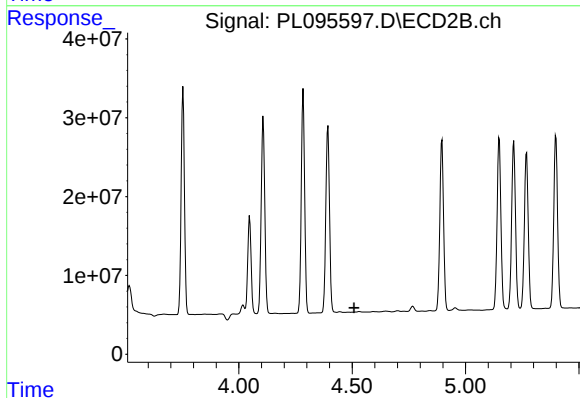
R.T.: 7.203 min
Delta R.T.: 0.000 min
Response: 199500690
Conc: 69.21 ng/ml



#24 Chlordane-2

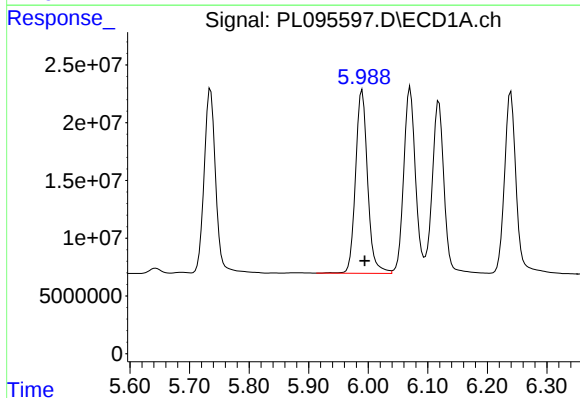
R.T.: 5.315 min
Delta R.T.: 0.028 min
Response: 241253086
Conc: 1139.51 ng/m

Instrument :
ECD_L
ClientSampleId :
MH-LLMSD



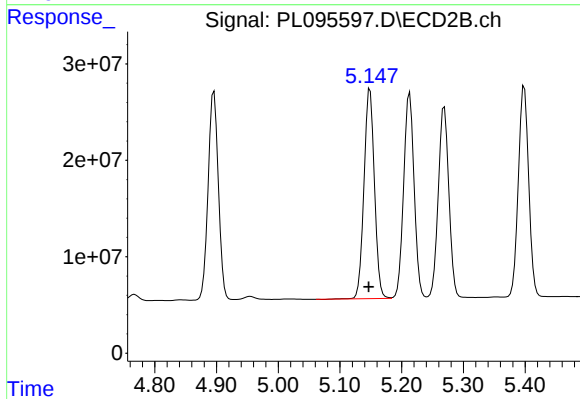
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.508 min
Response: 0
Conc: N.D.



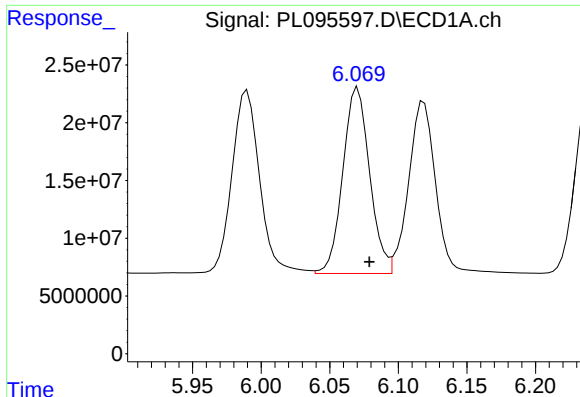
#25 Chlordane-3

R.T.: 5.990 min
Delta R.T.: -0.004 min
Response: 222866011
Conc: 286.12 ng/ml



#25 Chlordane-3

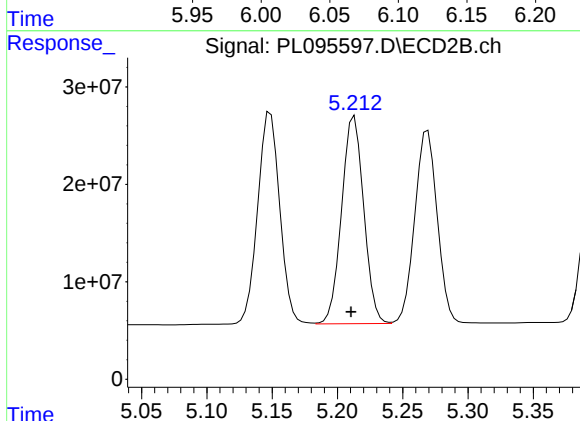
R.T.: 5.149 min
Delta R.T.: 0.002 min
Response: 256740691
Conc: 496.96 ng/ml



#26 Chlordane-4

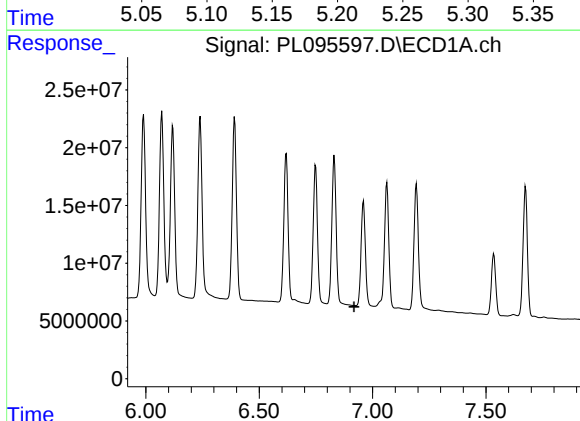
R.T.: 6.071 min
Delta R.T.: -0.009 min
Response: 218974890
Conc: 232.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-LLMSD



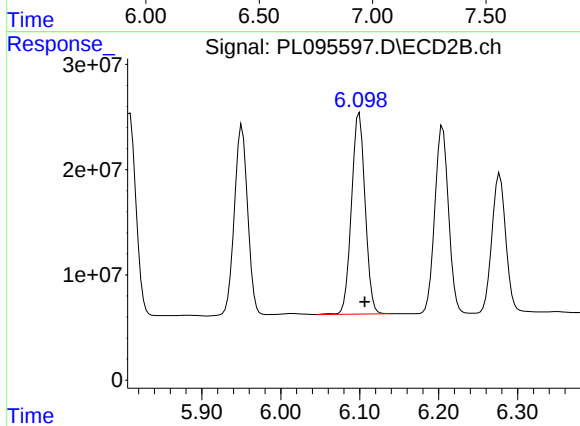
#26 Chlordane-4

R.T.: 5.213 min
Delta R.T.: 0.002 min
Response: 251488679
Conc: 578.65 ng/ml



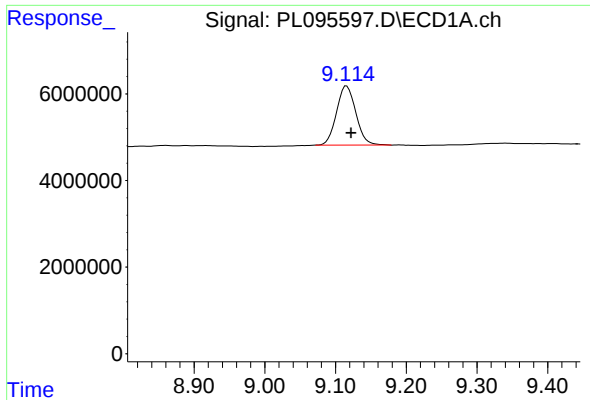
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.919 min
Response: 0
Conc: N.D.



#27 Chlordane-5

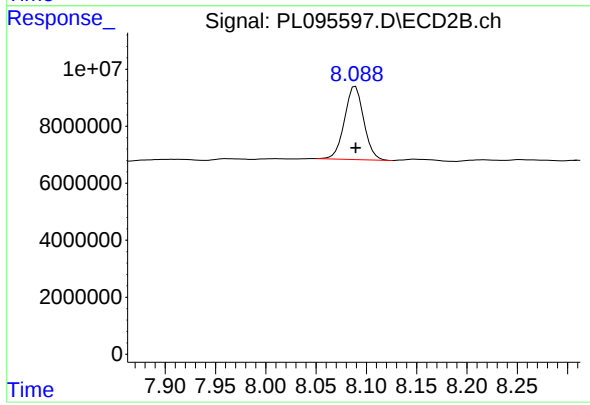
R.T.: 6.100 min
Delta R.T.: -0.007 min
Response: 229813884
Conc: 1243.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: -0.007 min
Response: 25950134
Conc: 9.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-LLMSD



#28 Decachlorobiphenyl

R.T.: 8.089 min
Delta R.T.: 0.000 min
Response: 34106238
Conc: 11.53 ng/ml