

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081419\
 Data File : PL051497.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2019 21:11
 Operator : SM\AJ
 Sample : K4089-02MSD
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OK-03-081219MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 09:14:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 01:19:13 2019
 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...	3.316	3.927	216.1E6	64901408	21.511	22.747
28)	SA Decachlor...	7.974	8.955	245.1E6	63656408	24.204	22.510
Target Compounds							
2)	A alpha-BHC	3.743	4.315	998.8E6	263.3E6	59.604	63.811
3)	MA gamma-BHC...	4.018	4.599	943.9E6	249.7E6	61.366	64.457
4)	MA Heptachlor	4.302	5.099	987.6E6	257.7E6	60.194	62.154
5)	MB Aldrin	4.540	5.401	981.5E6	255.9E6	63.355	67.898
6)	B beta-BHC	4.273	4.775	387.0E6	112.2E6	59.031	64.876
7)	B delta-BHC	4.466	4.988	835.9E6	210.5E6	50.944	54.417
8)	B Heptachlo...	4.975	5.788	906.2E6	241.1E6	61.338	63.041
9)	A Endosulfan I	5.306	6.143	890.0E6	228.0E6	61.195	66.302
10)	B gamma-Chl...	5.198	6.022	972.3E6	246.8E6	61.601	66.776
11)	B alpha-Chl...	5.254	6.093	933.5E6	241.9E6	61.187	65.998
12)	B 4,4'-DDE	5.421	6.254	923.9E6	244.7E6	61.650	67.910
13)	MA Dieldrin	5.544	6.399	962.4E6	244.3E6	62.106	68.977
14)	MA Endrin	5.797	6.616	866.0E6	202.2E6	58.832	65.188
15)	B Endosulfa...	6.073	6.829	835.8E6	210.1E6	59.720	66.071
16)	A 4,4'-DDD	5.931	6.744	765.5E6	182.4E6	63.878	68.487
17)	MA 4,4'-DDT	6.165	7.041	699.7E6	174.9E6	56.490	64.791
18)	B Endrin al...	6.239	6.953	673.7E6	161.2E6	58.399	59.315
19)	B Endosulfa...	6.450	7.175	789.2E6	205.1E6	61.949	71.006
20)	A Methoxychlor	6.710	7.502	337.9E6	94765866	54.163	64.587
21)	B Endrin ke...	6.931	7.644	873.4E6	216.1E6	63.858	74.734
22)	Mirex	7.105	8.092	608.5E6	154.6E6	62.061	67.320
24)	Chlordane-2	0.000	5.401f	0	255.9E6	N.D.	2178.450 #
25)	Chlordane-3	5.198	6.022	972.3E6	246.8E6	694.578	513.029 #
26)	Chlordane-4	5.254	6.093	933.5E6	241.9E6	707.717	416.396 #
27)	Chlordane-5	6.073	0.000	835.8E6	0	1645.445	N.D. #

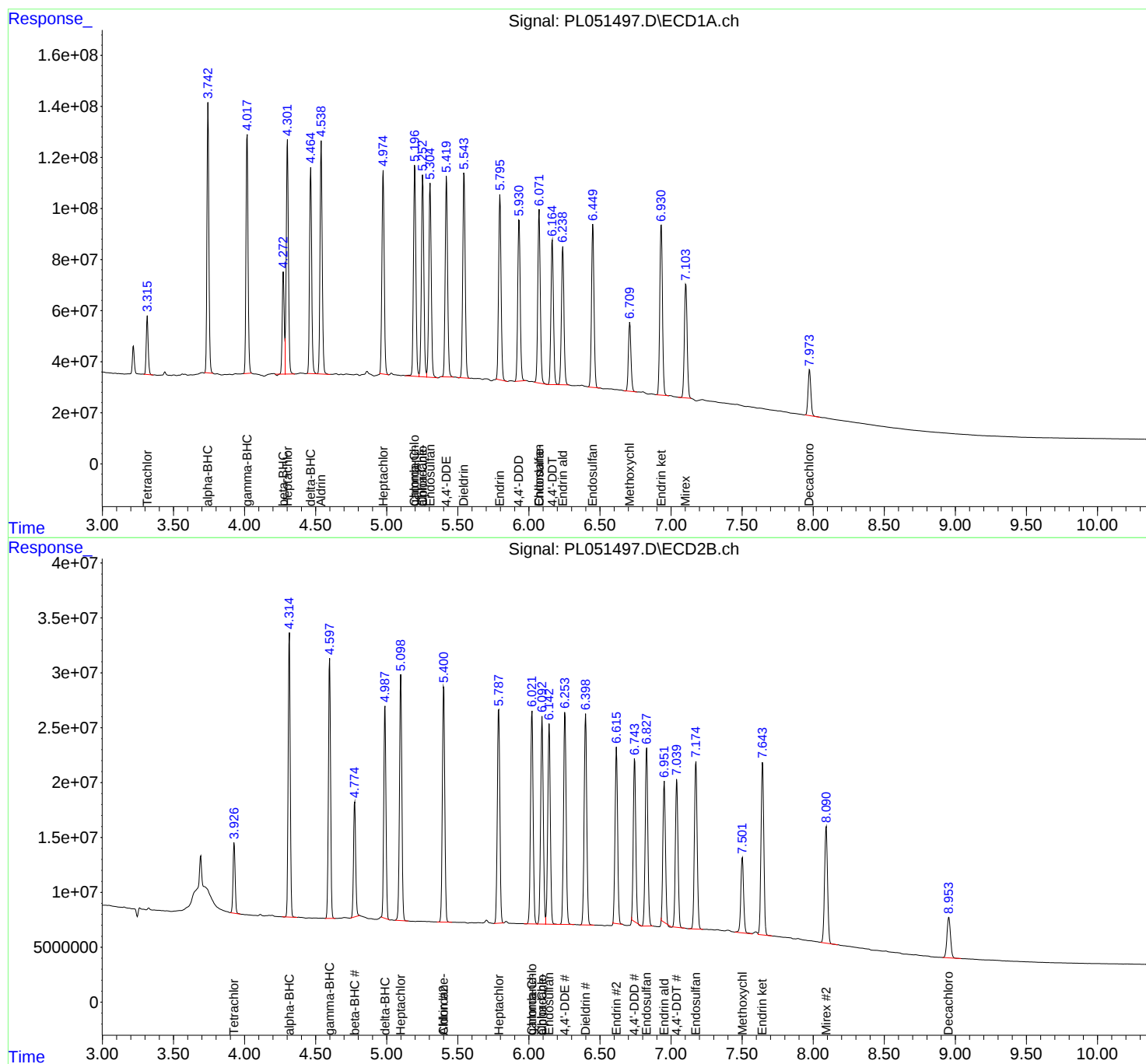
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

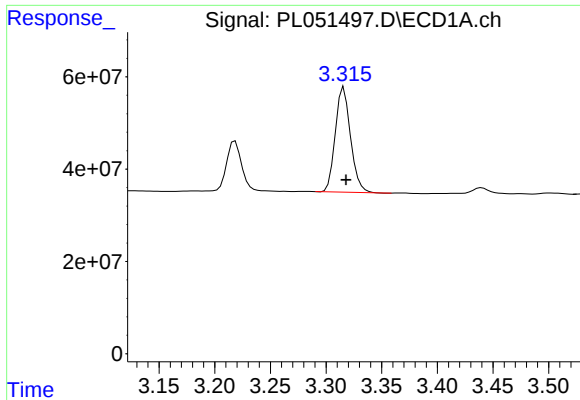
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081419\
 Data File : PL051497.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2019 21:11
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 09:14:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
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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

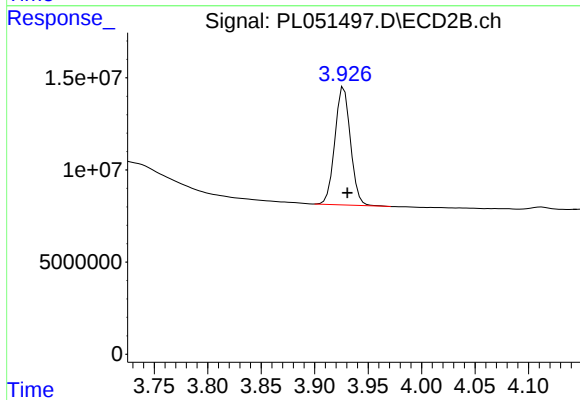




#1 Tetrachloro-m-xylene

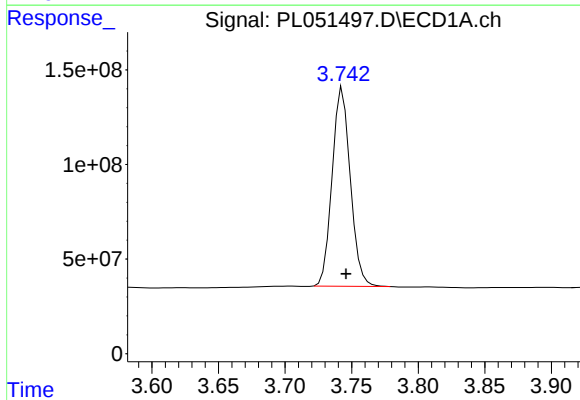
R.T.: 3.316 min
Delta R.T.: -0.002 min
Response: 216142460
Conc: 21.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-03-081219MSD



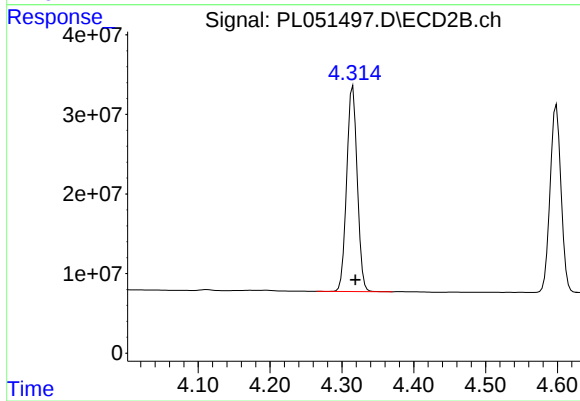
#1 Tetrachloro-m-xylene

R.T.: 3.927 min
Delta R.T.: -0.003 min
Response: 64901408
Conc: 22.75 ng/ml



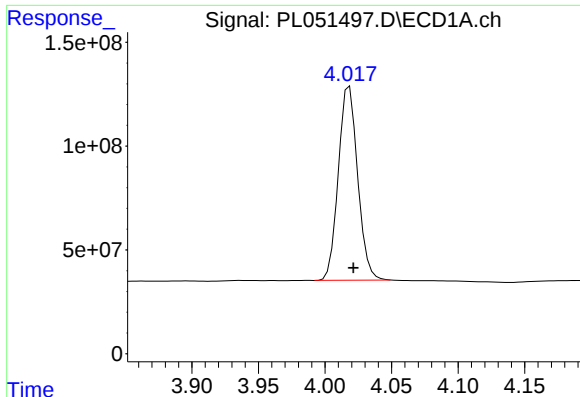
#2 alpha-BHC

R.T.: 3.743 min
Delta R.T.: -0.003 min
Response: 998824406
Conc: 59.60 ng/ml



#2 alpha-BHC

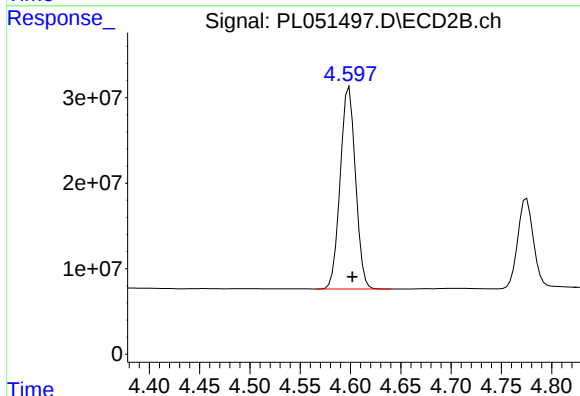
R.T.: 4.315 min
Delta R.T.: -0.004 min
Response: 263283656
Conc: 63.81 ng/ml



#3 gamma-BHC (Lindane)

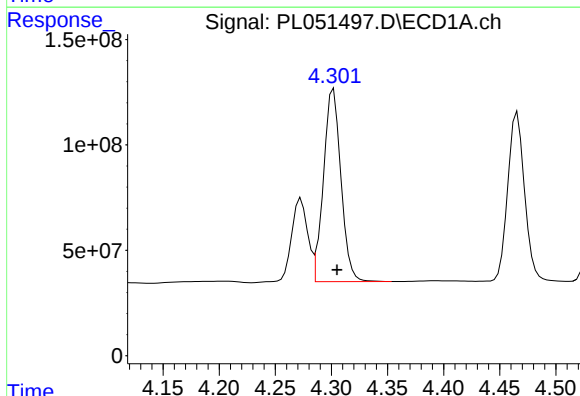
R.T.: 4.018 min
Delta R.T.: -0.003 min
Response: 943912909
Conc: 61.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-03-081219MSD



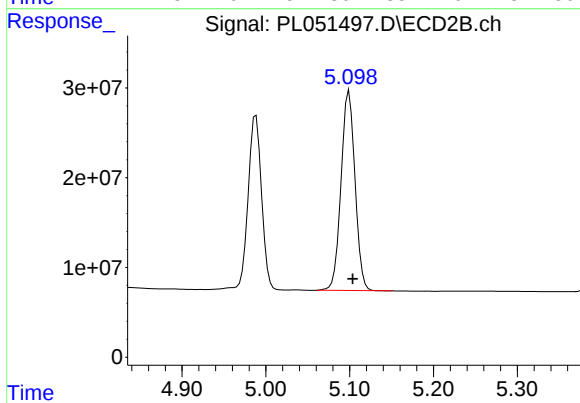
#3 gamma-BHC (Lindane)

R.T.: 4.599 min
Delta R.T.: -0.003 min
Response: 249653812
Conc: 64.46 ng/ml



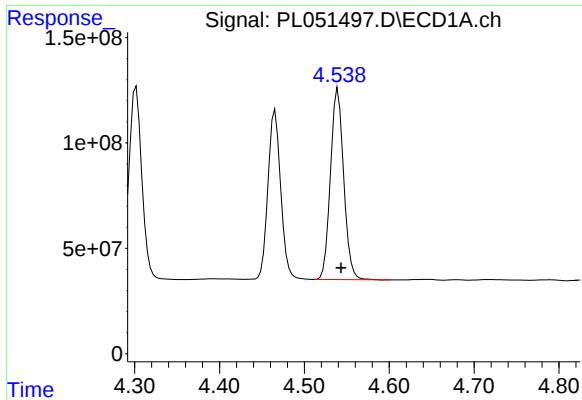
#4 Heptachlor

R.T.: 4.302 min
Delta R.T.: -0.003 min
Response: 987646910
Conc: 60.19 ng/ml



#4 Heptachlor

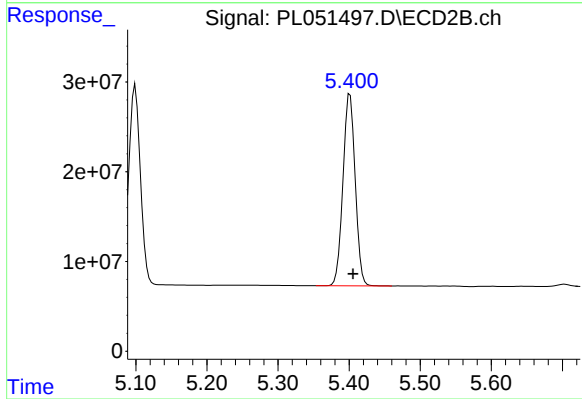
R.T.: 5.099 min
Delta R.T.: -0.004 min
Response: 257734838
Conc: 62.15 ng/ml



#5 Aldrin

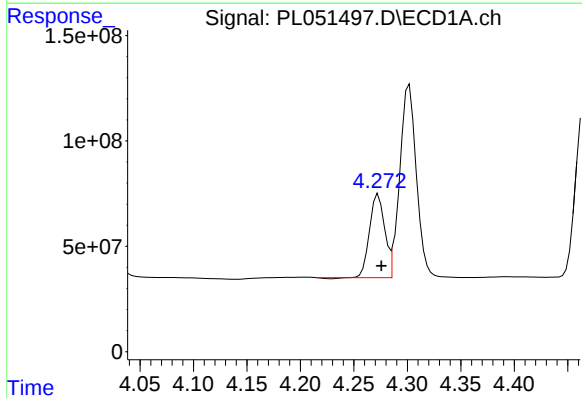
R.T.: 4.540 min
Delta R.T.: -0.003 min
Response: 981469283
Conc: 63.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-03-081219MSD



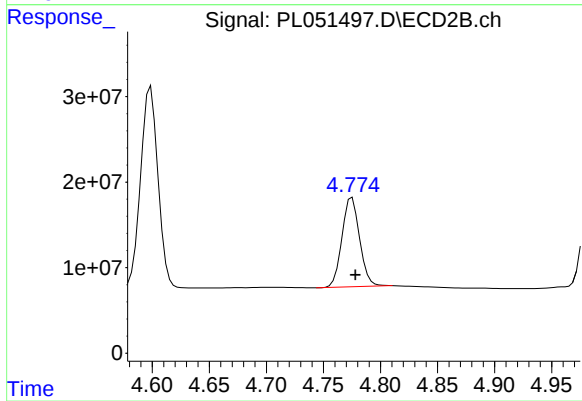
#5 Aldrin

R.T.: 5.401 min
Delta R.T.: -0.004 min
Response: 255864372
Conc: 67.90 ng/ml



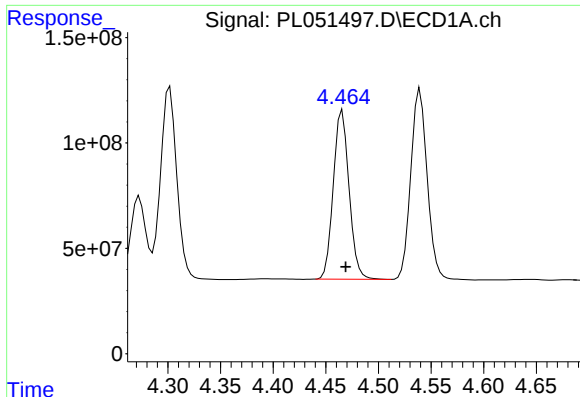
#6 beta-BHC

R.T.: 4.273 min
Delta R.T.: -0.003 min
Response: 386997555
Conc: 59.03 ng/ml



#6 beta-BHC

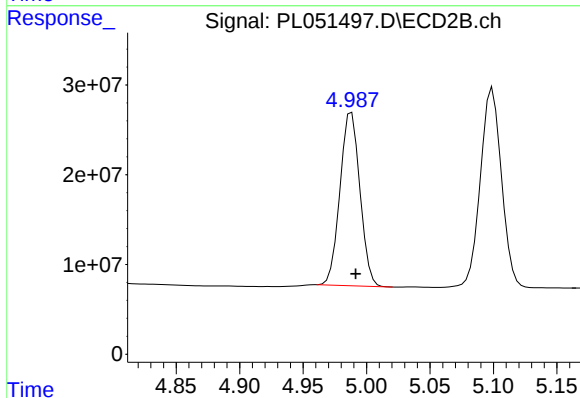
R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 112161102
Conc: 64.88 ng/ml



#7 delta-BHC

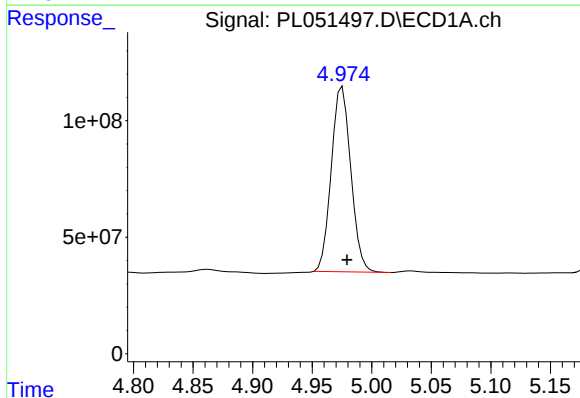
R.T.: 4.466 min
Delta R.T.: -0.003 min
Response: 835926795
Conc: 50.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-03-081219MSD



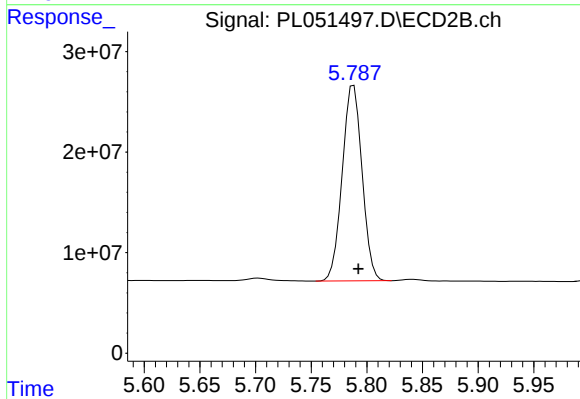
#7 delta-BHC

R.T.: 4.988 min
Delta R.T.: -0.003 min
Response: 210465757
Conc: 54.42 ng/ml



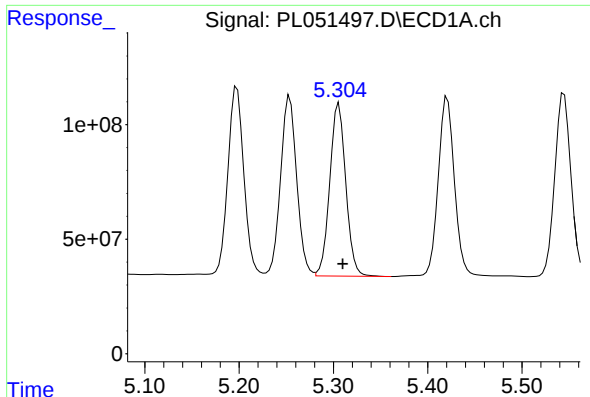
#8 Heptachlor epoxide

R.T.: 4.975 min
Delta R.T.: -0.004 min
Response: 906192468
Conc: 61.34 ng/ml



#8 Heptachlor epoxide

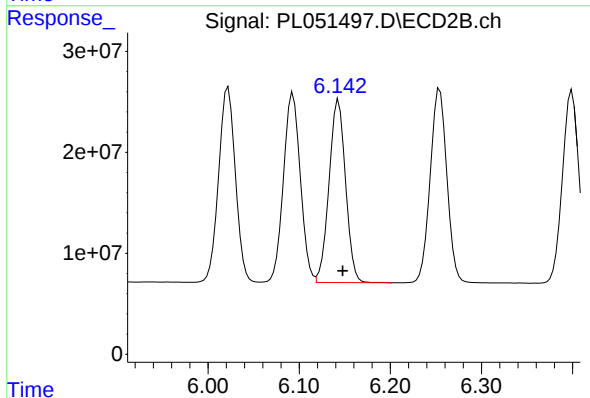
R.T.: 5.788 min
Delta R.T.: -0.004 min
Response: 241120123
Conc: 63.04 ng/ml



#9 Endosulfan I

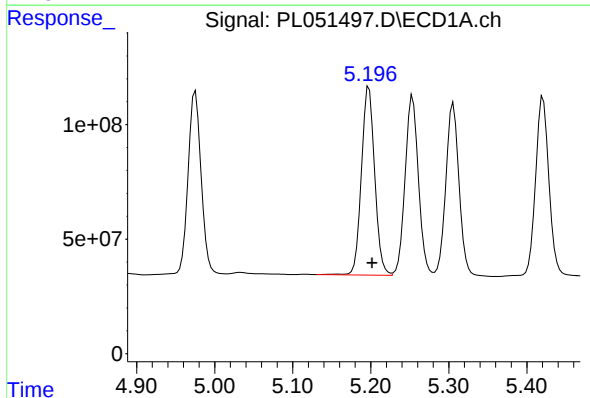
R.T.: 5.306 min
Delta R.T.: -0.004 min
Response: 890007798
Conc: 61.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-03-081219MSD



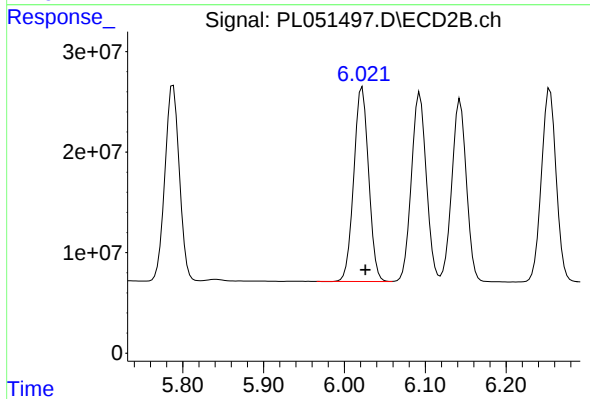
#9 Endosulfan I

R.T.: 6.143 min
Delta R.T.: -0.004 min
Response: 228006412
Conc: 66.30 ng/ml



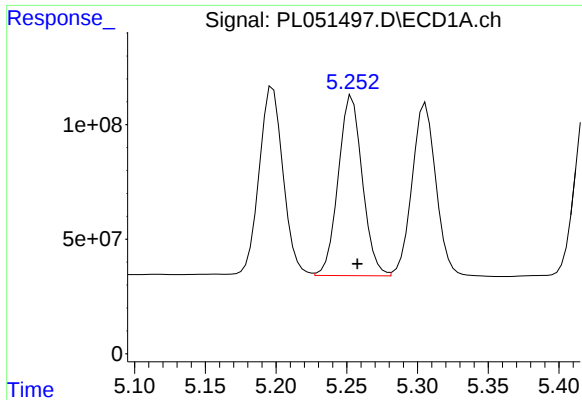
#10 gamma-Chlordane

R.T.: 5.198 min
Delta R.T.: -0.004 min
Response: 972261176
Conc: 61.60 ng/ml



#10 gamma-Chlordane

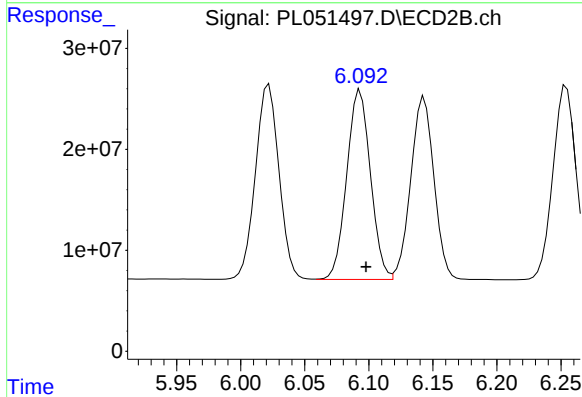
R.T.: 6.022 min
Delta R.T.: -0.004 min
Response: 246756781
Conc: 66.78 ng/ml



#11 alpha-Chlordane

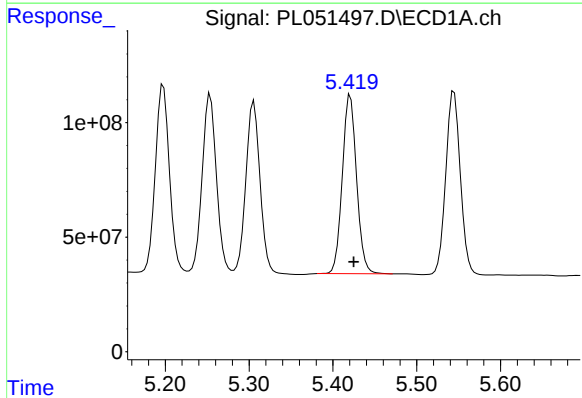
R.T.: 5.254 min
Delta R.T.: -0.004 min
Response: 933463760
Conc: 61.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-03-081219MSD



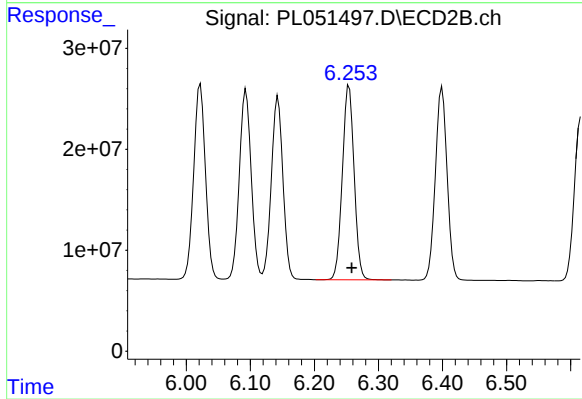
#11 alpha-Chlordane

R.T.: 6.093 min
Delta R.T.: -0.005 min
Response: 241892322
Conc: 66.00 ng/ml



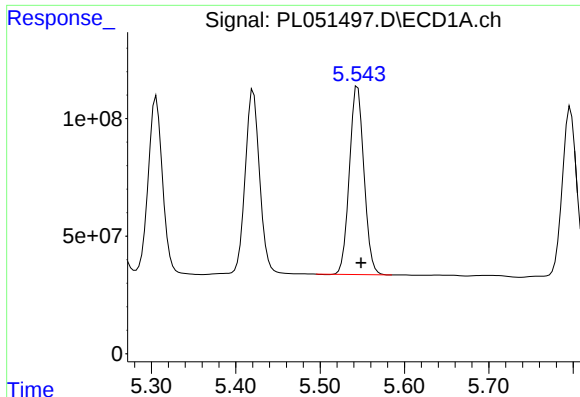
#12 4,4'-DDE

R.T.: 5.421 min
Delta R.T.: -0.004 min
Response: 923872326
Conc: 61.65 ng/ml



#12 4,4'-DDE

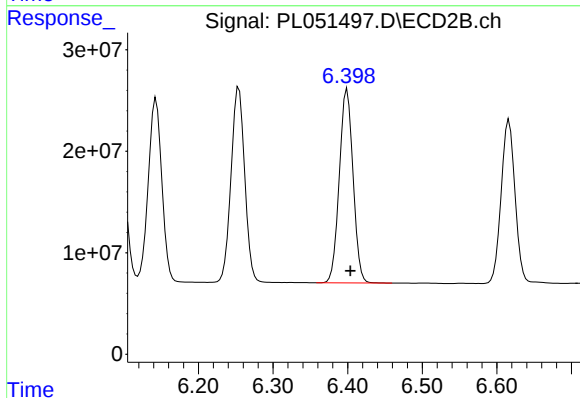
R.T.: 6.254 min
Delta R.T.: -0.004 min
Response: 244707851
Conc: 67.91 ng/ml



#13 Dieldrin

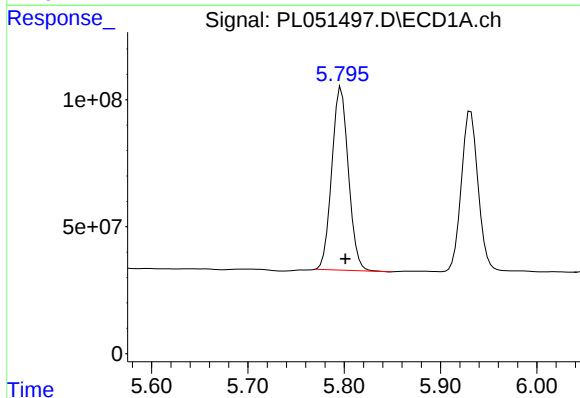
R.T.: 5.544 min
Delta R.T.: -0.004 min
Response: 962434817
Conc: 62.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-03-081219MSD



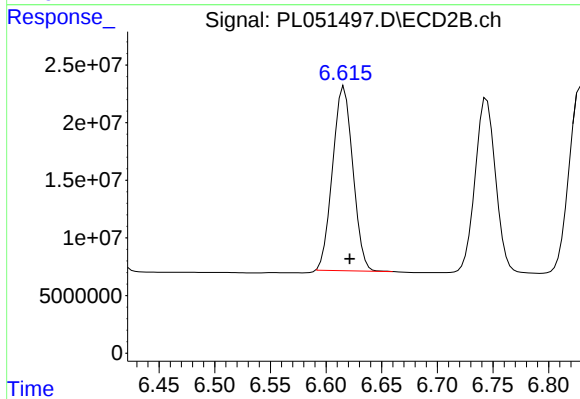
#13 Dieldrin

R.T.: 6.399 min
Delta R.T.: -0.005 min
Response: 244258580
Conc: 68.98 ng/ml



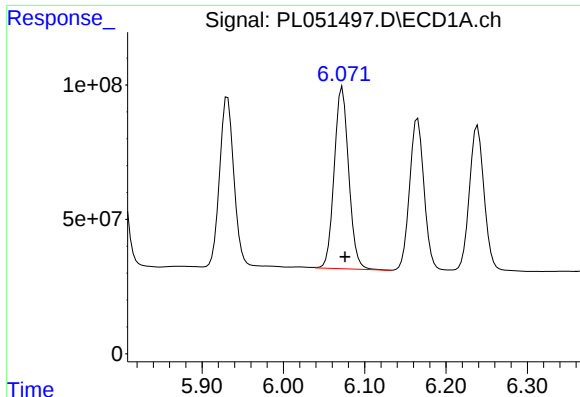
#14 Endrin

R.T.: 5.797 min
Delta R.T.: -0.005 min
Response: 866038694
Conc: 58.83 ng/ml



#14 Endrin

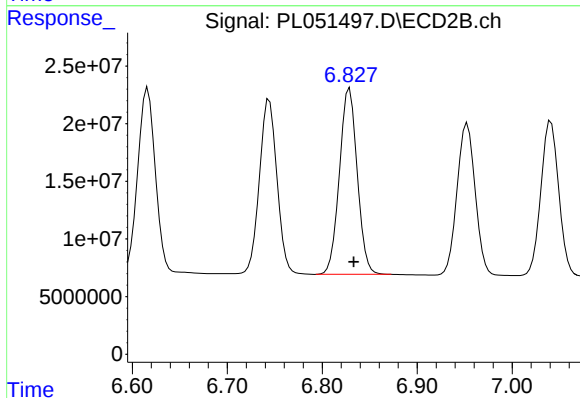
R.T.: 6.616 min
Delta R.T.: -0.005 min
Response: 202175105
Conc: 65.19 ng/ml



#15 Endosulfan II

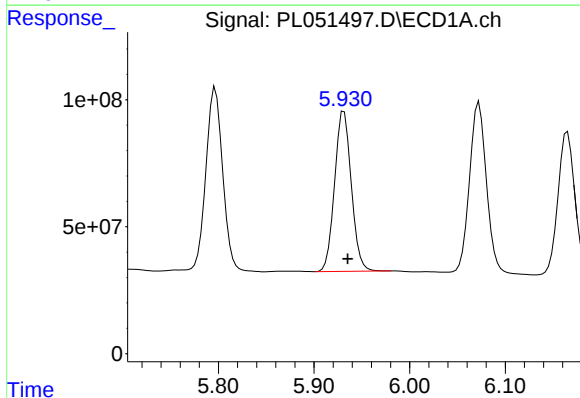
R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 835782288
Conc: 59.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-03-081219MSD



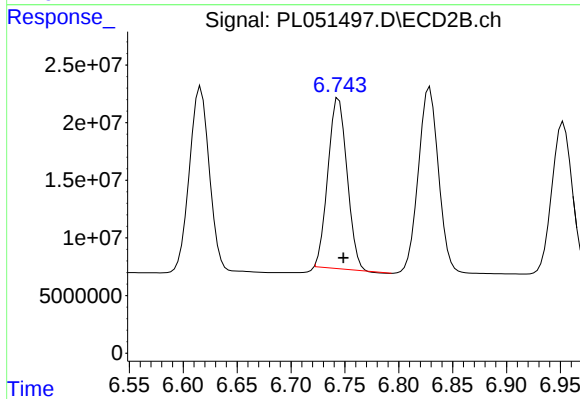
#15 Endosulfan II

R.T.: 6.829 min
Delta R.T.: -0.004 min
Response: 210051044
Conc: 66.07 ng/ml



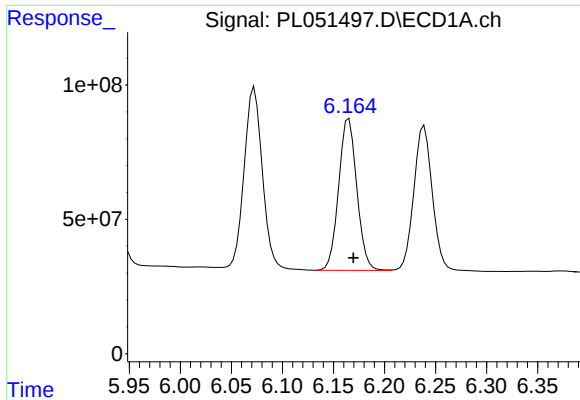
#16 4,4'-DDD

R.T.: 5.931 min
Delta R.T.: -0.004 min
Response: 765506083
Conc: 63.88 ng/ml



#16 4,4'-DDD

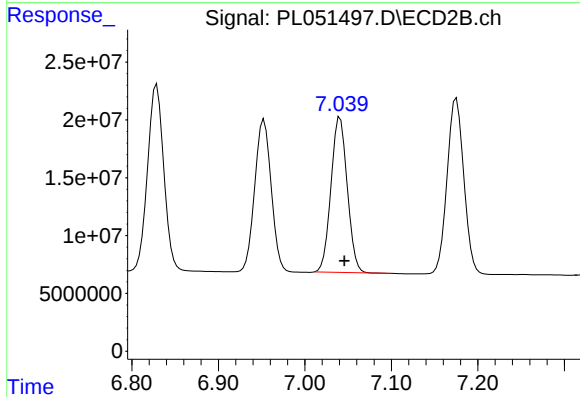
R.T.: 6.744 min
Delta R.T.: -0.004 min
Response: 182373092
Conc: 68.49 ng/ml



#17 4,4'-DDT

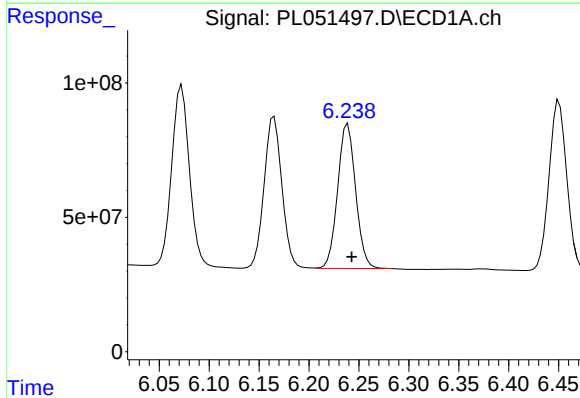
R.T.: 6.165 min
Delta R.T.: -0.004 min
Response: 699670380
Conc: 56.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-03-081219MSD



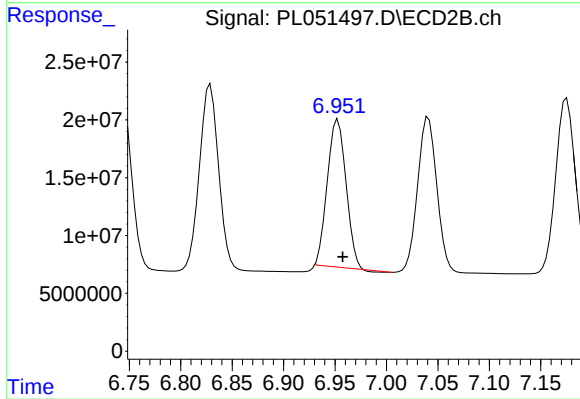
#17 4,4'-DDT

R.T.: 7.041 min
Delta R.T.: -0.005 min
Response: 174909899
Conc: 64.79 ng/ml



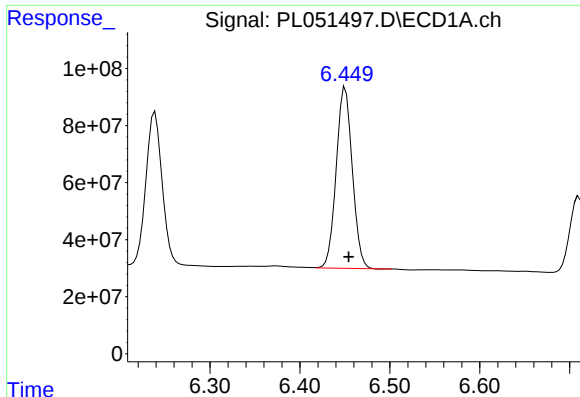
#18 Endrin aldehyde

R.T.: 6.239 min
Delta R.T.: -0.004 min
Response: 673717995
Conc: 58.40 ng/ml



#18 Endrin aldehyde

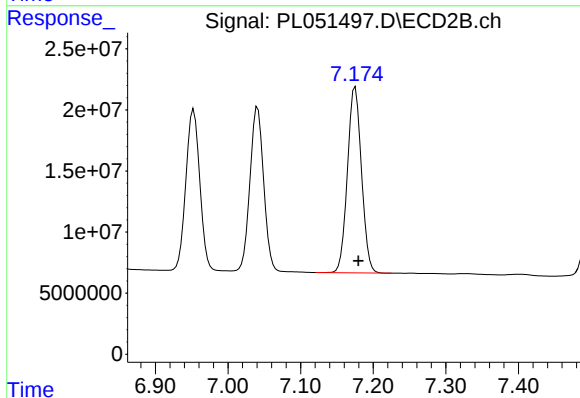
R.T.: 6.953 min
Delta R.T.: -0.005 min
Response: 161195100
Conc: 59.32 ng/ml



#19 Endosulfan Sulfate

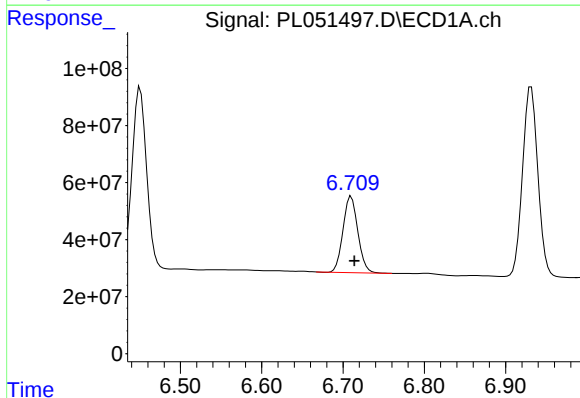
R.T.: 6.450 min
Delta R.T.: -0.004 min
Response: 789207665
Conc: 61.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-03-081219MSD



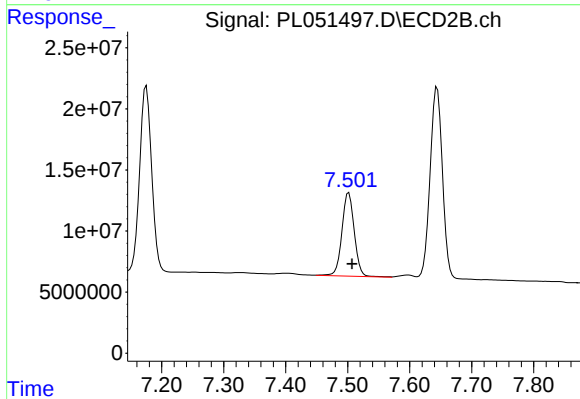
#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: -0.005 min
Response: 205083724
Conc: 71.01 ng/ml



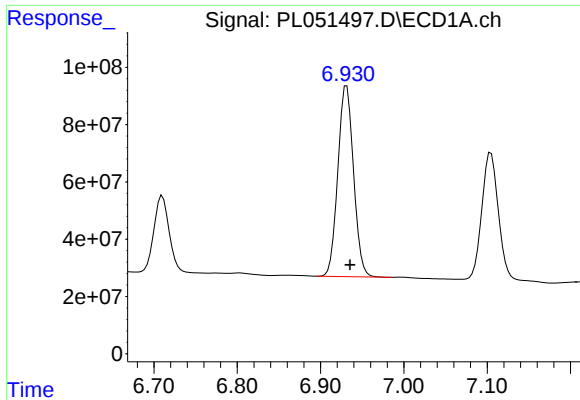
#20 Methoxychlor

R.T.: 6.710 min
Delta R.T.: -0.004 min
Response: 337916761
Conc: 54.16 ng/ml



#20 Methoxychlor

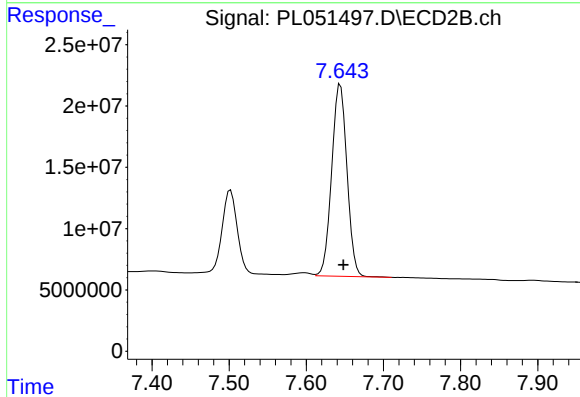
R.T.: 7.502 min
Delta R.T.: -0.005 min
Response: 94765866
Conc: 64.59 ng/ml



#21 Endrin ketone

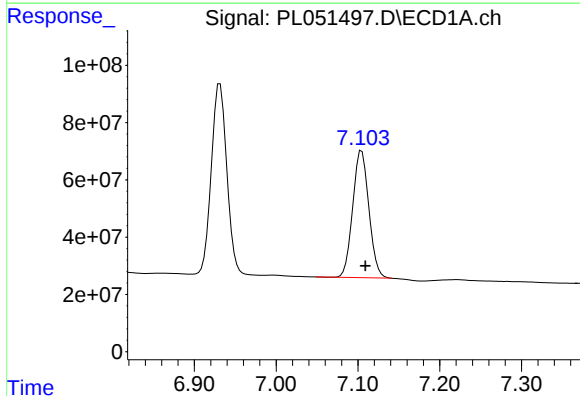
R.T.: 6.931 min
Delta R.T.: -0.004 min
Response: 873412756
Conc: 63.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-03-081219MSD



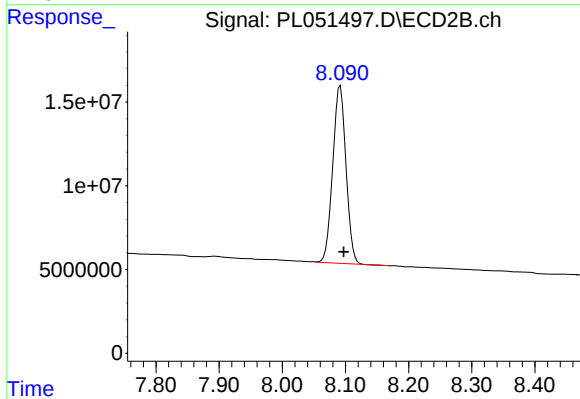
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: -0.004 min
Response: 216077356
Conc: 74.73 ng/ml



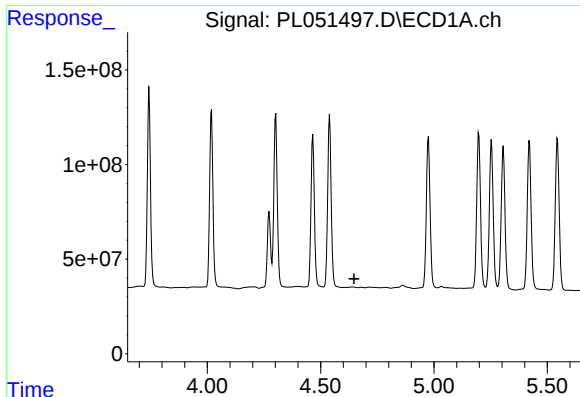
#22 Mirex

R.T.: 7.105 min
Delta R.T.: -0.004 min
Response: 608462311
Conc: 62.06 ng/ml



#22 Mirex

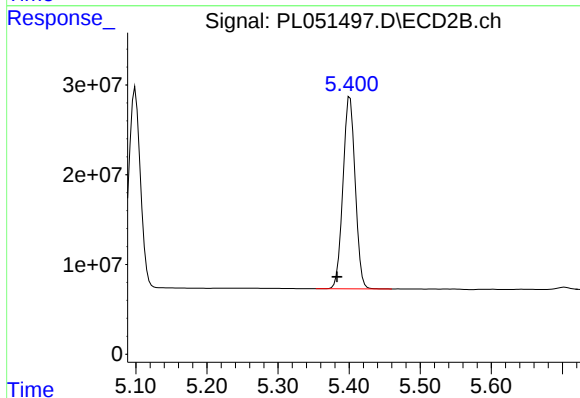
R.T.: 8.092 min
Delta R.T.: -0.005 min
Response: 154633311
Conc: 67.32 ng/ml



#24 Chlordane-2

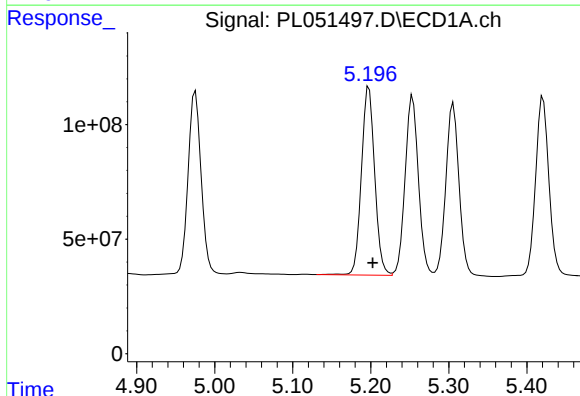
R.T.: 0.000 min
Exp R.T.: 4.647 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
OK-03-081219MSD



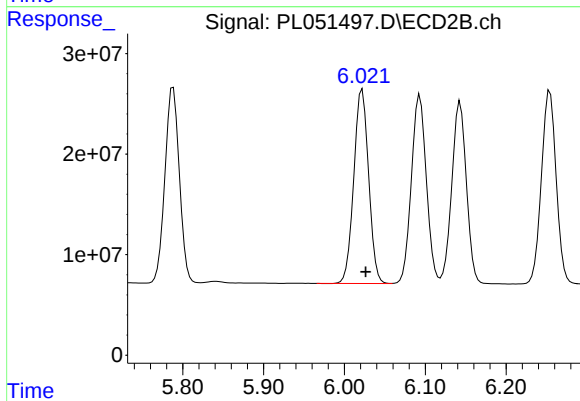
#24 Chlordane-2

R.T.: 5.401 min
Delta R.T.: 0.018 min
Response: 255864372
Conc: 2178.45 ng/ml



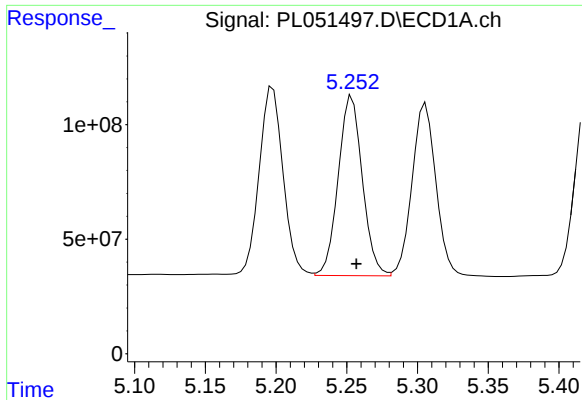
#25 Chlordane-3

R.T.: 5.198 min
Delta R.T.: -0.005 min
Response: 972261176
Conc: 694.58 ng/ml



#25 Chlordane-3

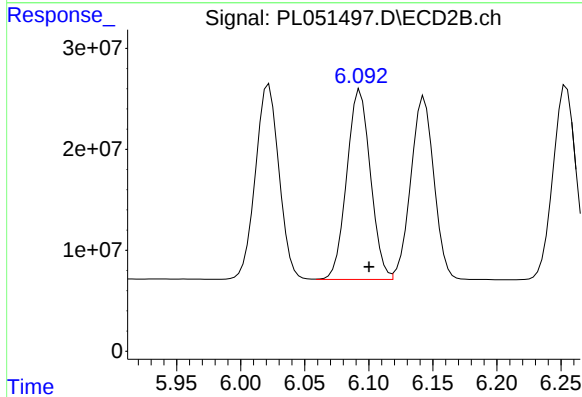
R.T.: 6.022 min
Delta R.T.: -0.004 min
Response: 246756781
Conc: 513.03 ng/ml



#26 Chlordane-4

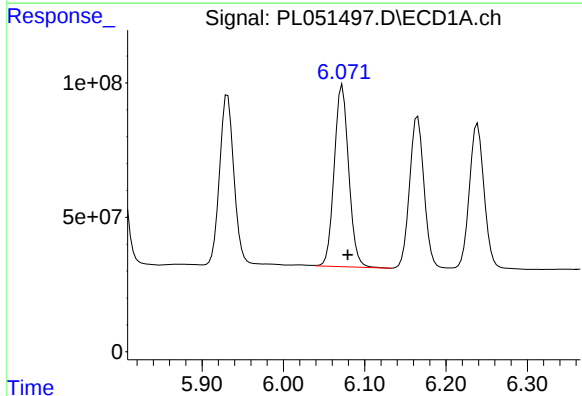
R.T.: 5.254 min
Delta R.T.: -0.003 min
Response: 933463760
Conc: 707.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-03-081219MSD



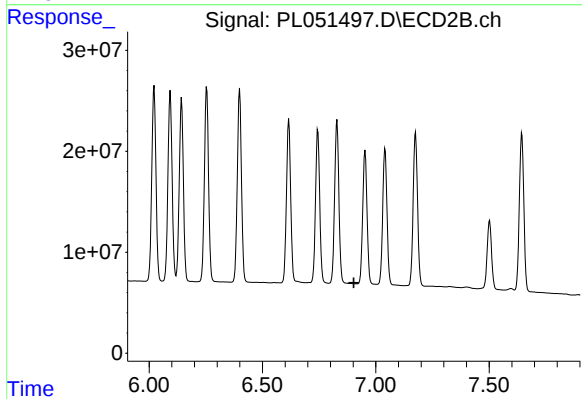
#26 Chlordane-4

R.T.: 6.093 min
Delta R.T.: -0.007 min
Response: 241892322
Conc: 416.40 ng/ml



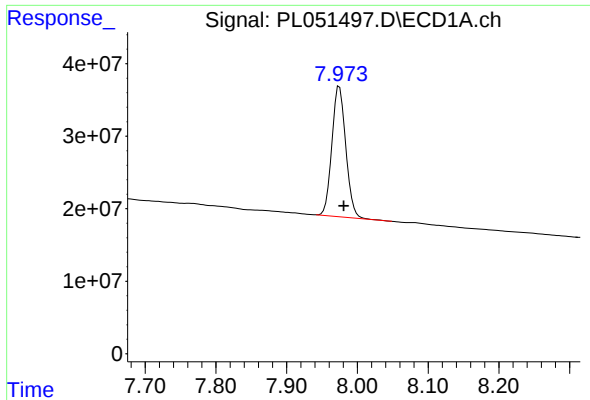
#27 Chlordane-5

R.T.: 6.073 min
Delta R.T.: -0.007 min
Response: 835782288
Conc: 1645.44 ng/ml



#27 Chlordane-5

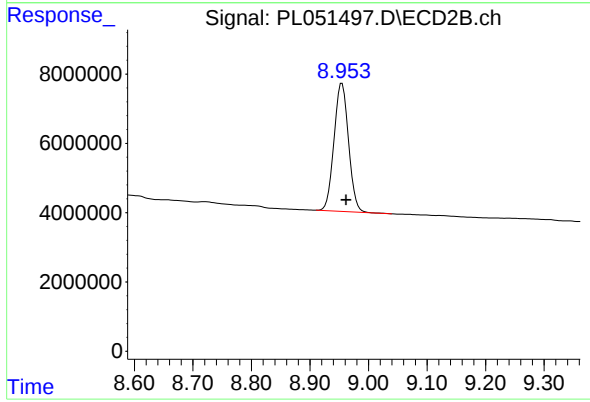
R.T.: 0.000 min
Exp R.T.: 6.902 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.974 min
Delta R.T.: -0.006 min
Response: 245073815
Conc: 24.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-03-081219MSD



#28 Decachlorobiphenyl

R.T.: 8.955 min
Delta R.T.: -0.007 min
Response: 63656408
Conc: 22.51 ng/ml