

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081219\
 Data File : PL051329.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Aug 2019 20:19
 Operator : SM\AJ
 Sample : K4231-05MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 REACTOR-3-B(0-3)MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 13 00:50:28 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	228.1E6	66756418	22.701	23.397
28)	SA Decachlor...	7.976	8.955	263.3E6	66926908	26.008	23.667
Target Compounds							
2)	A alpha-BHC	3.744	4.316	1010.6E6	248.8E6	60.309	60.290
3)	MA gamma-BHC...	4.019	4.598	962.9E6	237.1E6	62.603	61.222
4)	MA Heptachlor	4.302	5.100	1055.4E6	257.9E6	64.325	62.193
5)	MB Aldrin	4.540	5.401	993.8E6	246.7E6	64.153	65.460
6)	B beta-BHC	4.273	4.775	407.3E6	108.8E6	62.130	62.912
7)	B delta-BHC	4.467	4.988	683.6E6	145.2E6	41.662	37.549
8)	B Heptachlo...	4.977	5.788	935.0E6	228.1E6	63.291	59.626
9)	A Endosulfan I	5.306	6.143	836.4E6	221.3E6	57.508	64.356
10)	B gamma-Chl...	5.198	6.022	986.7E6	237.4E6	62.514	64.232
11)	B alpha-Chl...	5.254	6.093	954.4E6	235.7E6	62.560	64.310
12)	B 4,4'-DDE	5.422	6.254	978.5E6	240.1E6	65.292	66.623
13)	MA Dieldrin	5.545	6.399	990.2E6	233.6E6	63.899	65.957
14)	MA Endrin	5.797	6.617	951.2E6	202.5E6	64.619	65.288
15)	B Endosulfa...	6.073	6.829	851.1E6	203.5E6	60.818	64.009
16)	A 4,4'-DDD	5.932	6.744	792.8E6	177.1E6	66.152	66.501
17)	MA 4,4'-DDT	6.166	7.041	806.7E6	189.4E6	65.134	70.177
18)	B Endrin al...	6.240	6.953	696.6E6	162.4E6	60.382	59.769
19)	B Endosulfa...	6.451	7.176	764.5E6	182.9E6	60.009	63.317
20)	A Methoxychlor	6.711	7.502	410.1E6	103.2E6	65.725	70.352
21)	B Endrin ke...	6.932	7.645	913.1E6	204.2E6	66.762	70.627
22)	Mirex	7.105	8.092	635.9E6	151.6E6	64.857	65.979
24)	Chlordane-2	0.000	5.401f	0	246.7E6	N.D.	2100.215 #
25)	Chlordane-3	5.198	6.022	986.7E6	237.4E6	704.877	493.480 #
26)	Chlordane-4	5.254	6.093	954.4E6	235.7E6	723.599	405.747 #
27)	Chlordane-5	6.073	0.000	851.1E6	0	1675.687	N.D. #

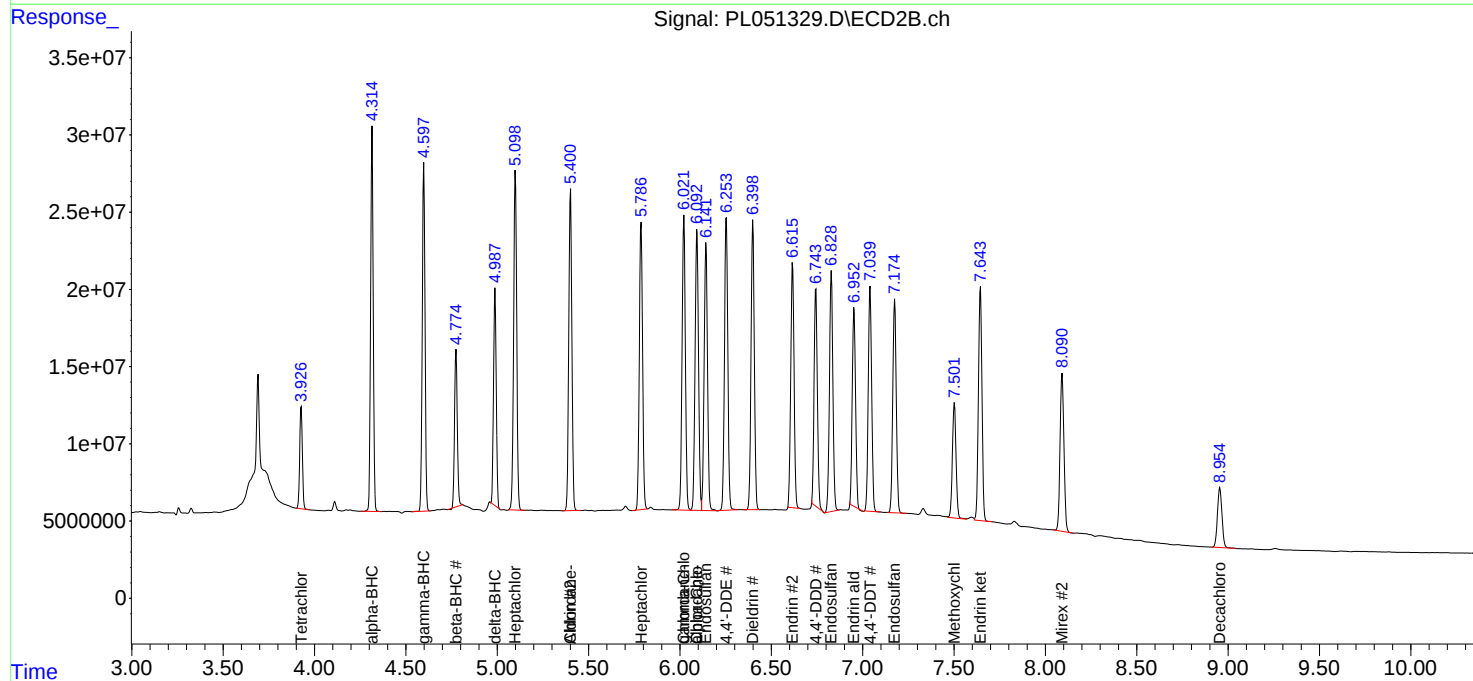
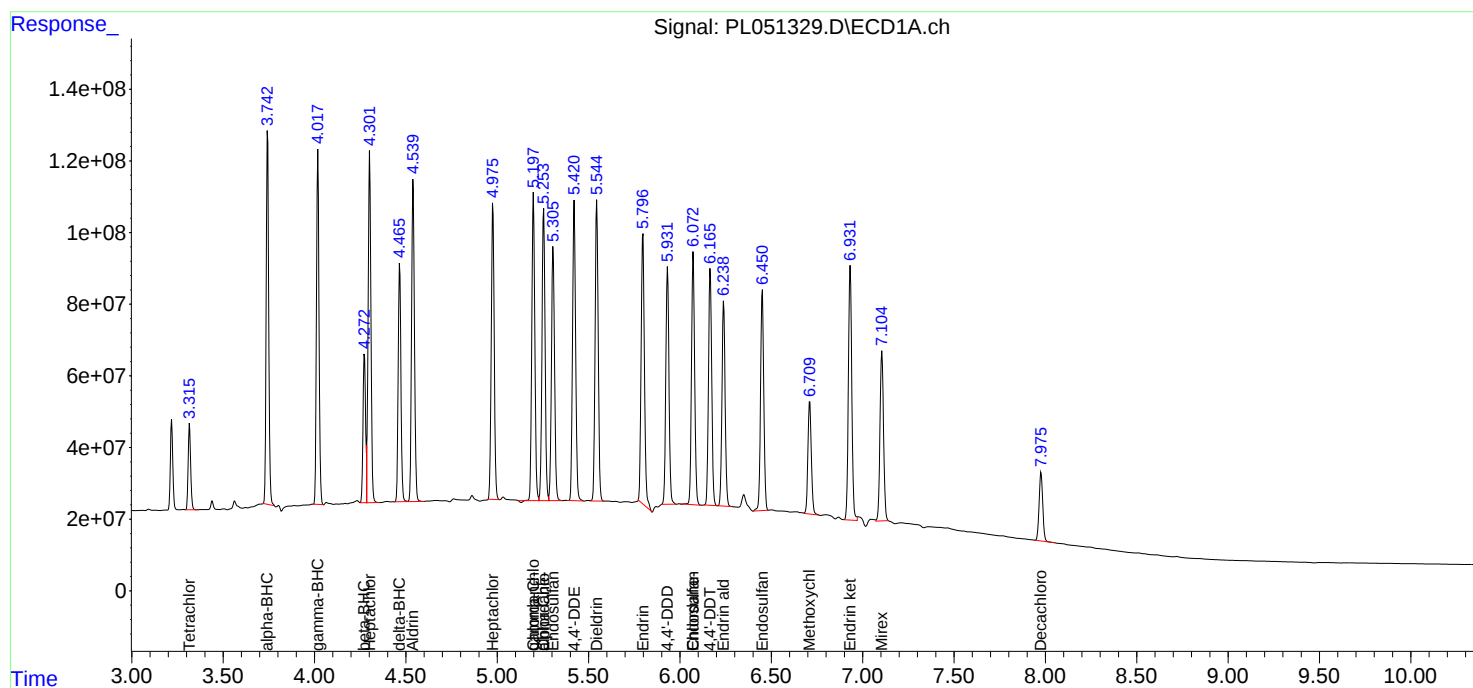
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

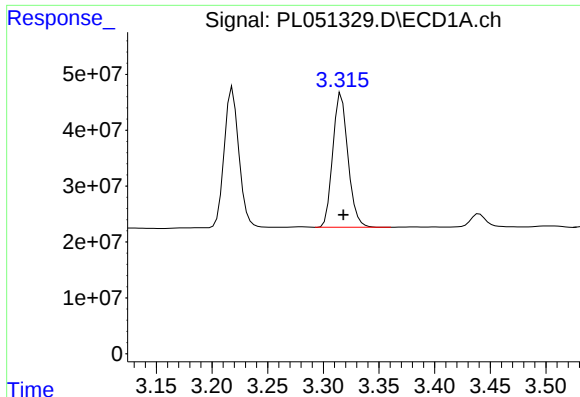
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081219\
 Data File : PL051329.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Aug 2019 20:19
 Operator : SM\AJ
 Sample : K4231-05MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 REACTOR-3-B(0-3)MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 13 00:50:28 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

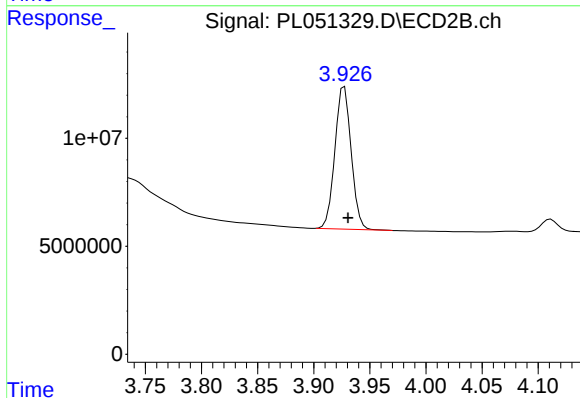




#1 Tetrachloro-m-xylene

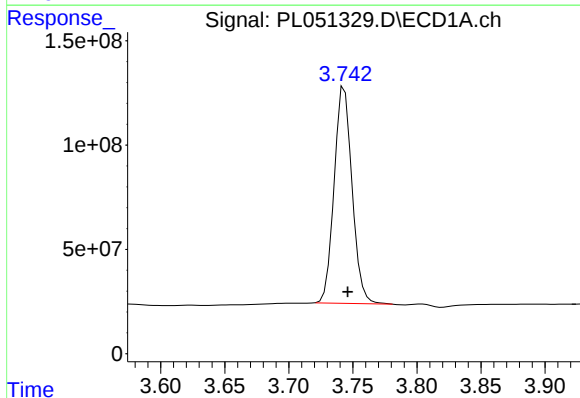
R.T.: 3.316 min
Delta R.T.: -0.002 min
Response: 228095048
Conc: 22.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-B(0-3)MSD



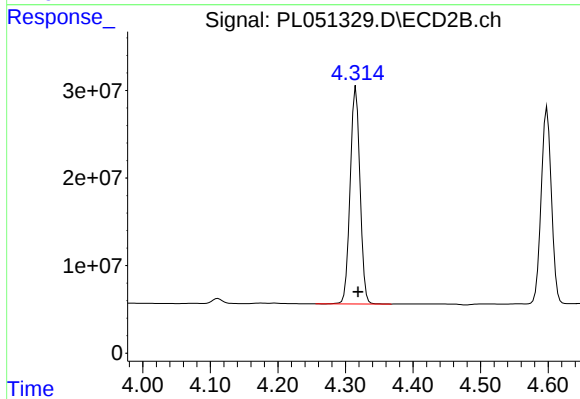
#1 Tetrachloro-m-xylene

R.T.: 3.927 min
Delta R.T.: -0.003 min
Response: 66756418
Conc: 23.40 ng/ml



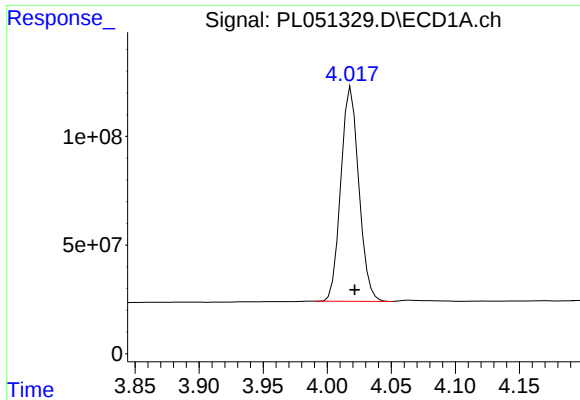
#2 alpha-BHC

R.T.: 3.744 min
Delta R.T.: -0.002 min
Response: 1010634162
Conc: 60.31 ng/ml



#2 alpha-BHC

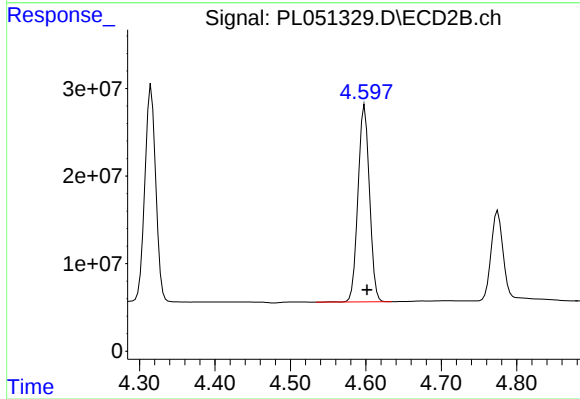
R.T.: 4.316 min
Delta R.T.: -0.003 min
Response: 248755860
Conc: 60.29 ng/ml



#3 gamma-BHC (Lindane)

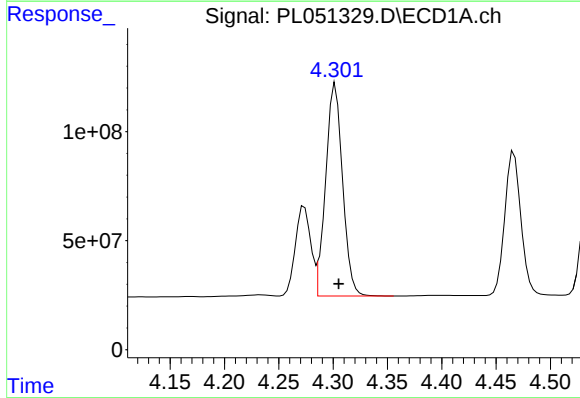
R.T.: 4.019 min
Delta R.T.: -0.003 min
Response: 962932281
Conc: 62.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-B(0-3)MSD



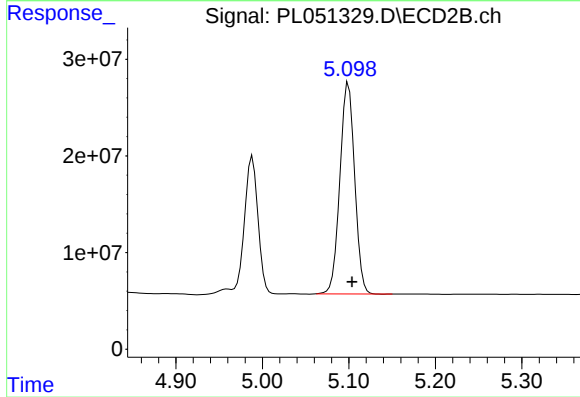
#3 gamma-BHC (Lindane)

R.T.: 4.598 min
Delta R.T.: -0.003 min
Response: 237122987
Conc: 61.22 ng/ml



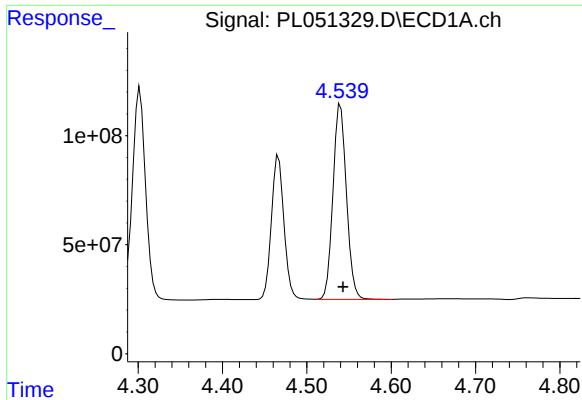
#4 Heptachlor

R.T.: 4.302 min
Delta R.T.: -0.003 min
Response: 1055438376
Conc: 64.33 ng/ml



#4 Heptachlor

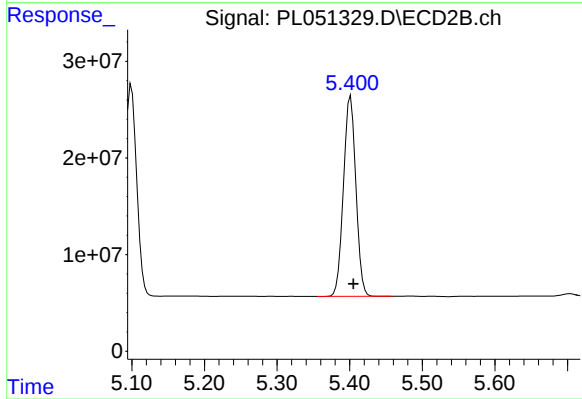
R.T.: 5.100 min
Delta R.T.: -0.004 min
Response: 257896042
Conc: 62.19 ng/ml



#5 Aldrin

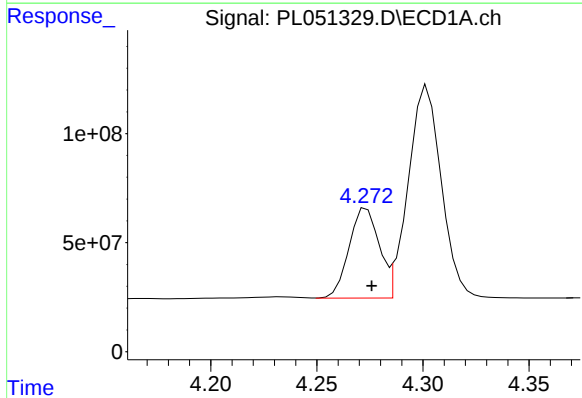
R.T.: 4.540 min
Delta R.T.: -0.003 min
Response: 993822400
Conc: 64.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-B(0-3)MSD



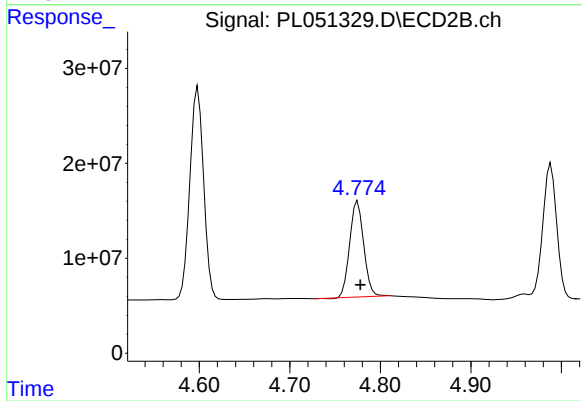
#5 Aldrin

R.T.: 5.401 min
Delta R.T.: -0.004 min
Response: 246675420
Conc: 65.46 ng/ml



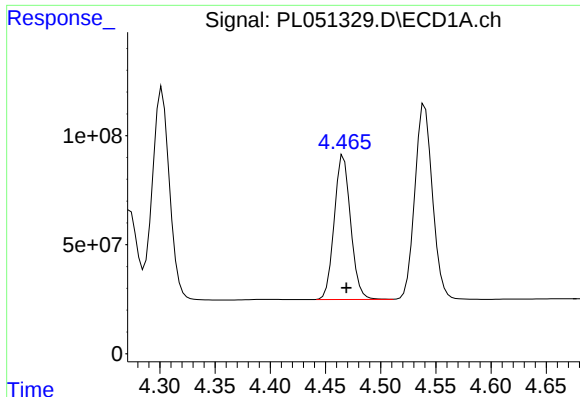
#6 beta-BHC

R.T.: 4.273 min
Delta R.T.: -0.002 min
Response: 407314354
Conc: 62.13 ng/ml



#6 beta-BHC

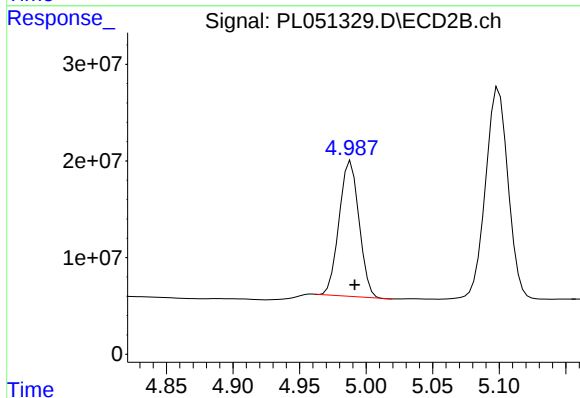
R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 108765090
Conc: 62.91 ng/ml



#7 delta-BHC

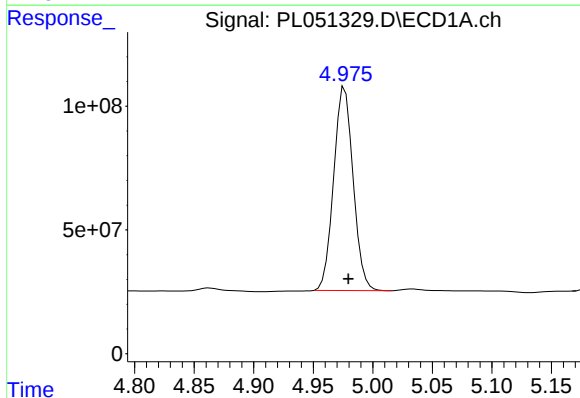
R.T.: 4.467 min
Delta R.T.: -0.002 min
Response: 683618805
Conc: 41.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-B(0-3)MSD



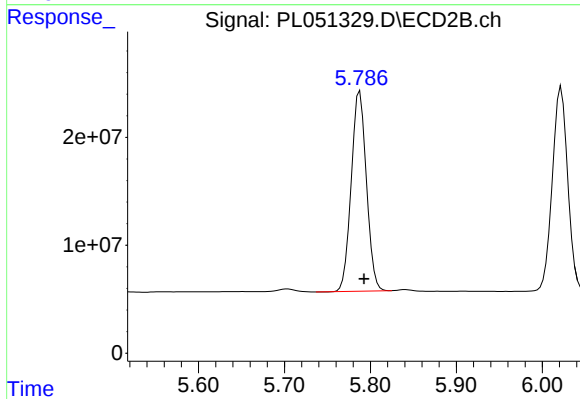
#7 delta-BHC

R.T.: 4.988 min
Delta R.T.: -0.003 min
Response: 145225830
Conc: 37.55 ng/ml



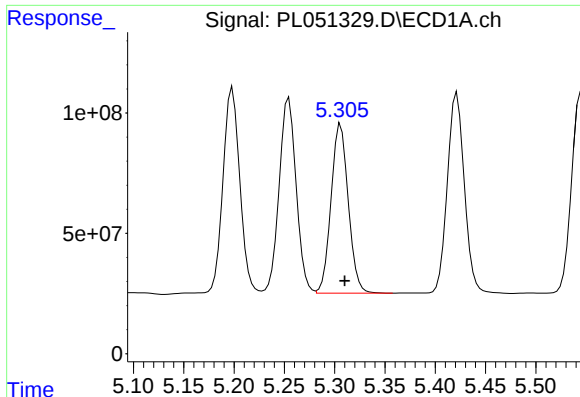
#8 Heptachlor epoxide

R.T.: 4.977 min
Delta R.T.: -0.003 min
Response: 935042669
Conc: 63.29 ng/ml



#8 Heptachlor epoxide

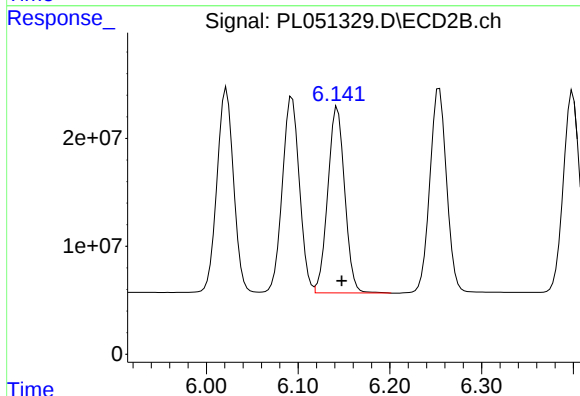
R.T.: 5.788 min
Delta R.T.: -0.005 min
Response: 228058597
Conc: 59.63 ng/ml



#9 Endosulfan I

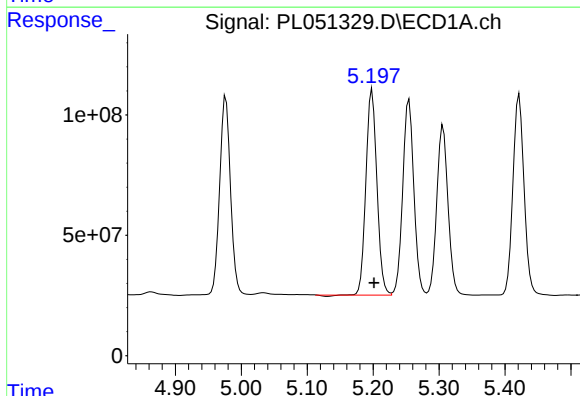
R.T.: 5.306 min
Delta R.T.: -0.004 min
Response: 836385059
Conc: 57.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-B(0-3)MSD



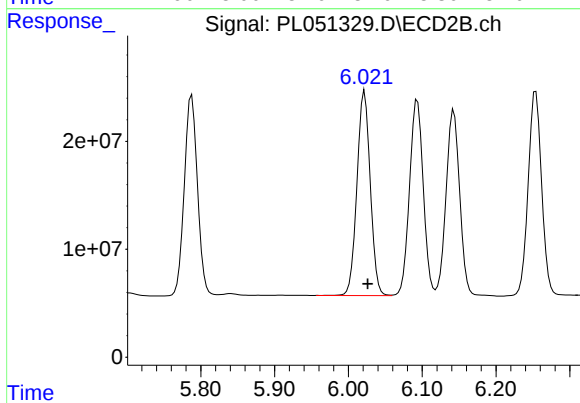
#9 Endosulfan I

R.T.: 6.143 min
Delta R.T.: -0.005 min
Response: 221311381
Conc: 64.36 ng/ml



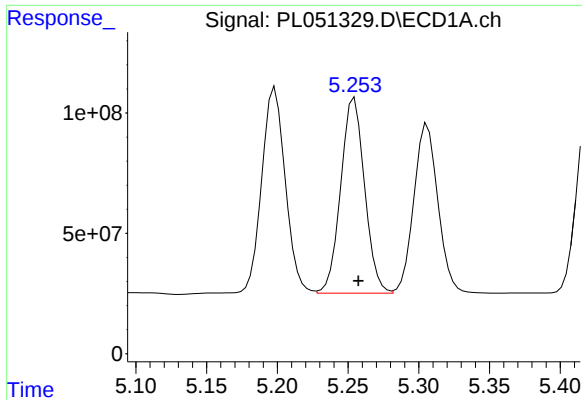
#10 gamma-Chlordane

R.T.: 5.198 min
Delta R.T.: -0.003 min
Response: 986678566
Conc: 62.51 ng/ml



#10 gamma-Chlordane

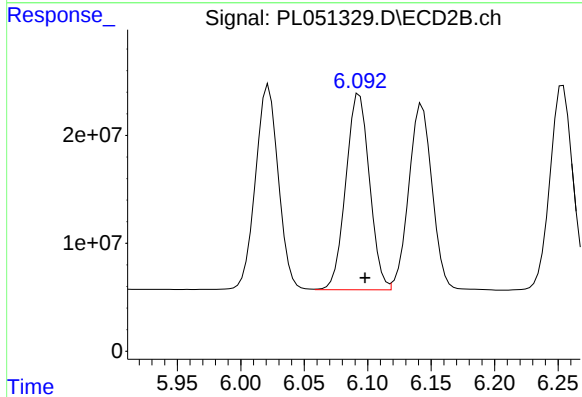
R.T.: 6.022 min
Delta R.T.: -0.004 min
Response: 237354174
Conc: 64.23 ng/ml



#11 alpha-Chlordane

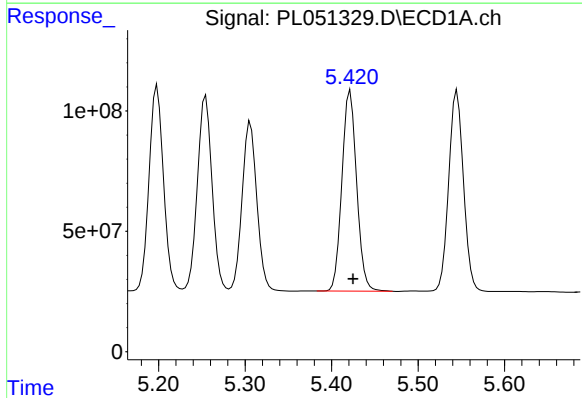
R.T.: 5.254 min
Delta R.T.: -0.003 min
Response: 954412652
Conc: 62.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-B(0-3)MSD



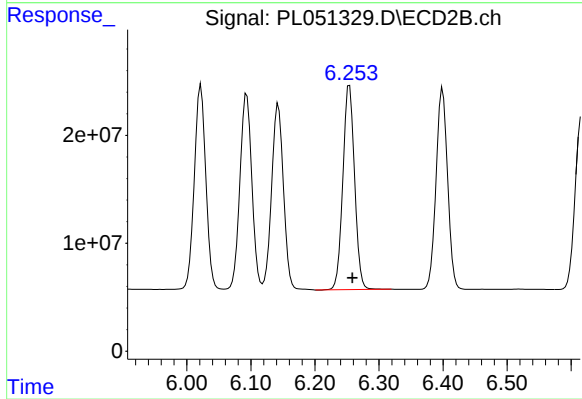
#11 alpha-Chlordane

R.T.: 6.093 min
Delta R.T.: -0.004 min
Response: 235706118
Conc: 64.31 ng/ml



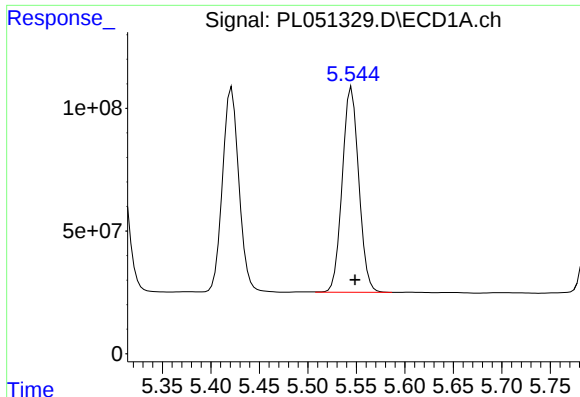
#12 4,4'-DDE

R.T.: 5.422 min
Delta R.T.: -0.003 min
Response: 978451600
Conc: 65.29 ng/ml



#12 4,4'-DDE

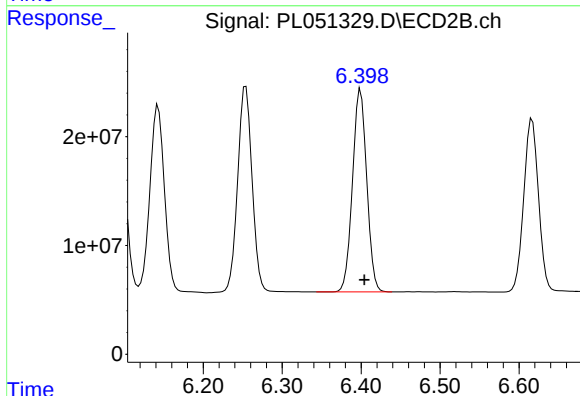
R.T.: 6.254 min
Delta R.T.: -0.004 min
Response: 240069440
Conc: 66.62 ng/ml



#13 Dieldrin

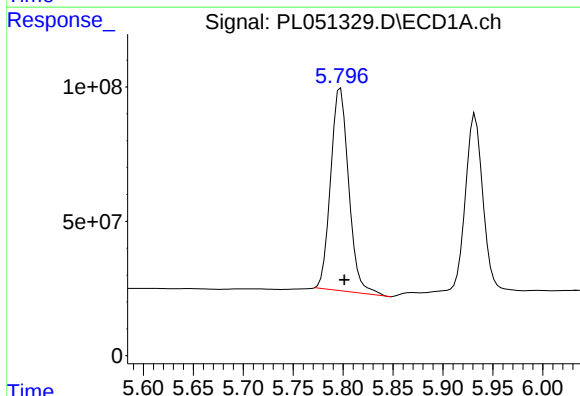
R.T.: 5.545 min
Delta R.T.: -0.003 min
Response: 990226712
Conc: 63.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-B(0-3)MSD



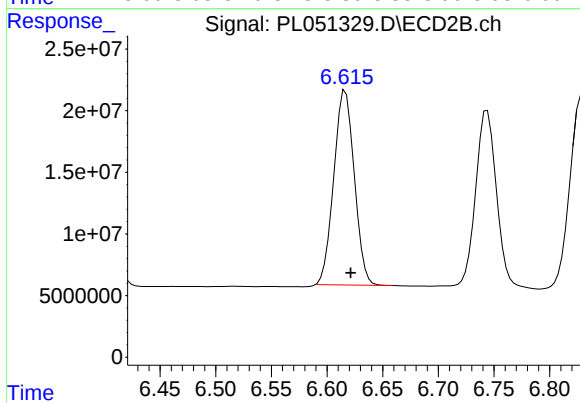
#13 Dieldrin

R.T.: 6.399 min
Delta R.T.: -0.005 min
Response: 233561652
Conc: 65.96 ng/ml



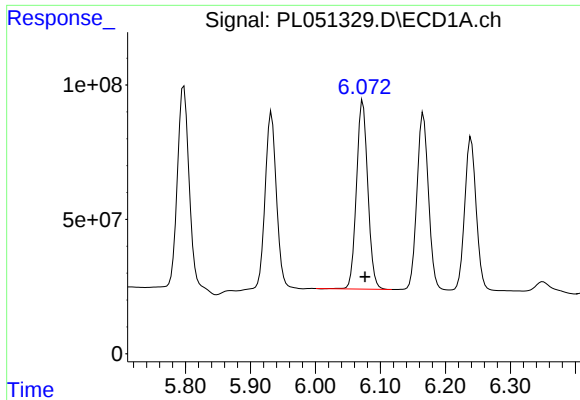
#14 Endrin

R.T.: 5.797 min
Delta R.T.: -0.004 min
Response: 951224896
Conc: 64.62 ng/ml



#14 Endrin

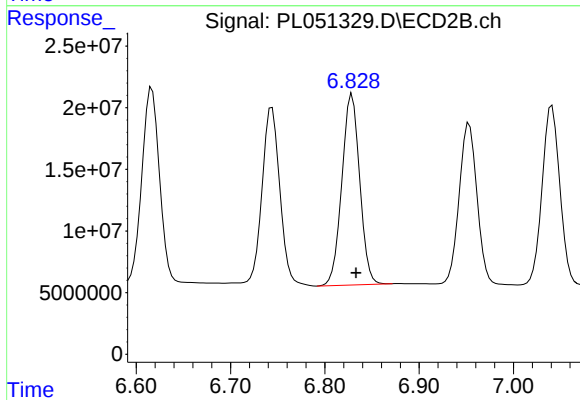
R.T.: 6.617 min
Delta R.T.: -0.005 min
Response: 202486007
Conc: 65.29 ng/ml



#15 Endosulfan II

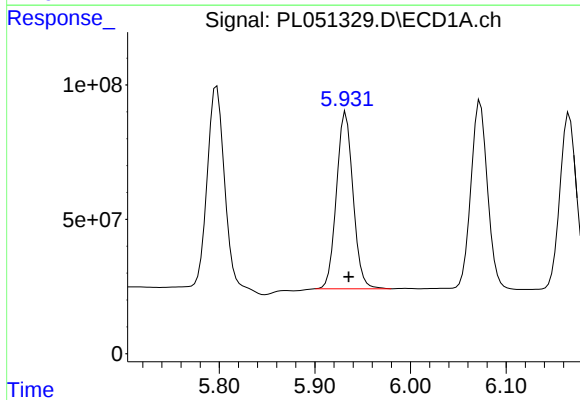
R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 851143503
Conc: 60.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-B(0-3)MSD



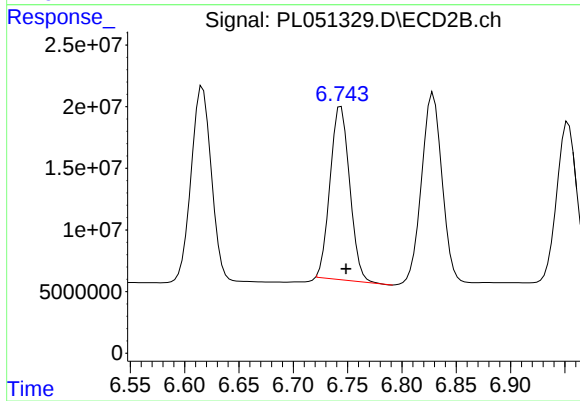
#15 Endosulfan II

R.T.: 6.829 min
Delta R.T.: -0.004 min
Response: 203497369
Conc: 64.01 ng/ml



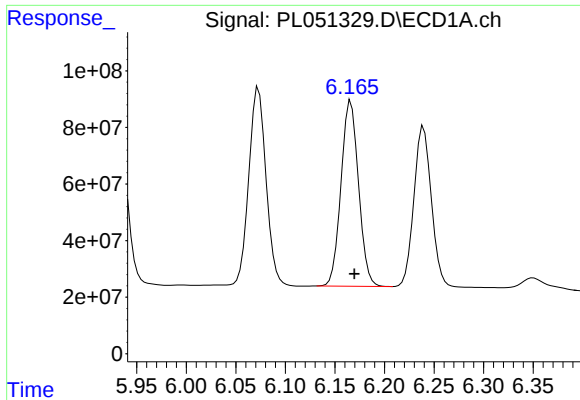
#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: -0.003 min
Response: 792759281
Conc: 66.15 ng/ml



#16 4,4'-DDD

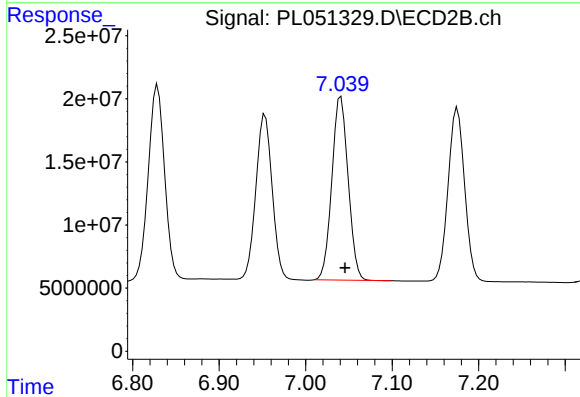
R.T.: 6.744 min
Delta R.T.: -0.005 min
Response: 177086116
Conc: 66.50 ng/ml



#17 4,4'-DDT

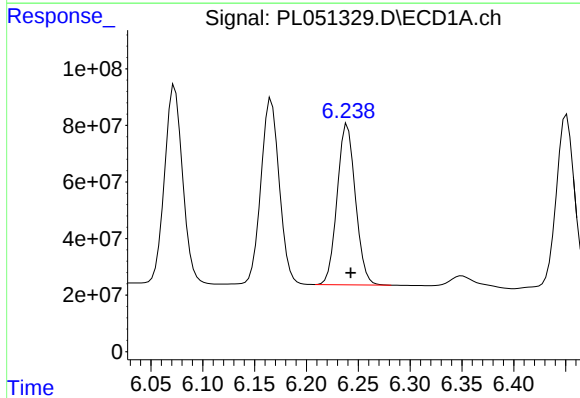
R.T.: 6.166 min
Delta R.T.: -0.004 min
Response: 806735020
Conc: 65.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-B(0-3)MSD



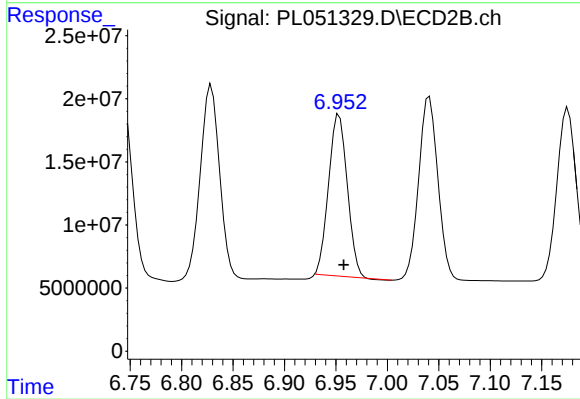
#17 4,4'-DDT

R.T.: 7.041 min
Delta R.T.: -0.005 min
Response: 189448741
Conc: 70.18 ng/ml



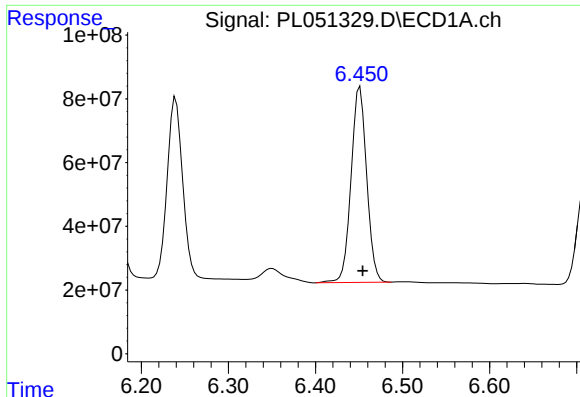
#18 Endrin aldehyde

R.T.: 6.240 min
Delta R.T.: -0.003 min
Response: 696590307
Conc: 60.38 ng/ml



#18 Endrin aldehyde

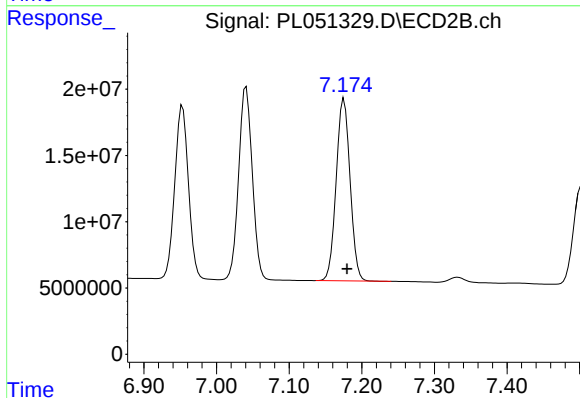
R.T.: 6.953 min
Delta R.T.: -0.004 min
Response: 162429764
Conc: 59.77 ng/ml



#19 Endosulfan Sulfate

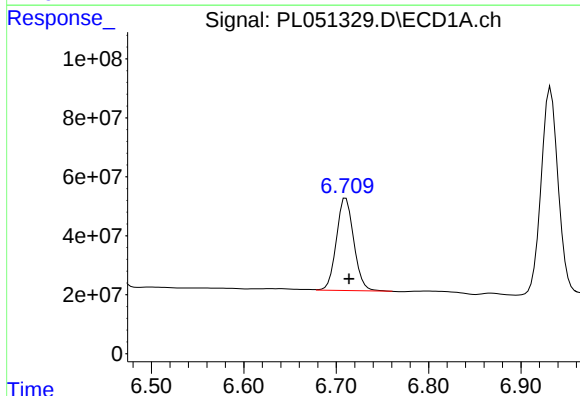
R.T.: 6.451 min
Delta R.T.: -0.003 min
Response: 764487073
Conc: 60.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-B(0-3)MSD



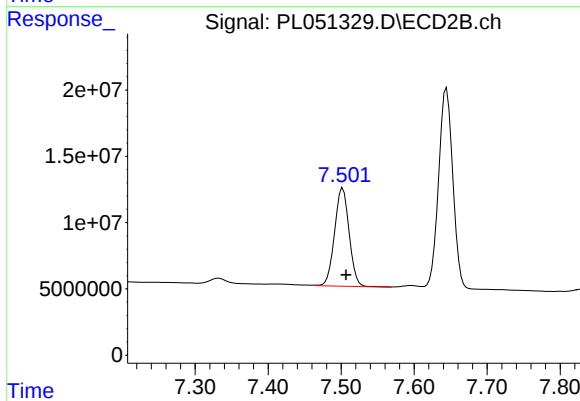
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: -0.004 min
Response: 182875347
Conc: 63.32 ng/ml



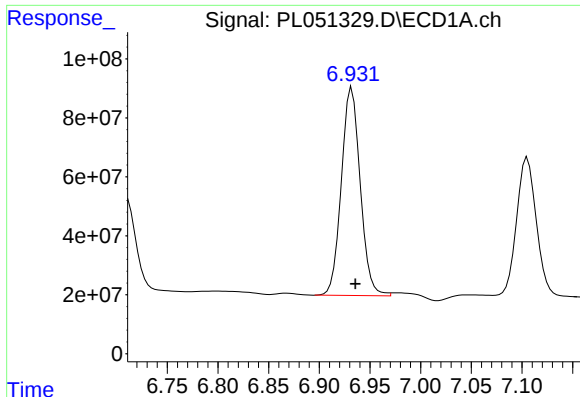
#20 Methoxychlor

R.T.: 6.711 min
Delta R.T.: -0.003 min
Response: 410055207
Conc: 65.73 ng/ml



#20 Methoxychlor

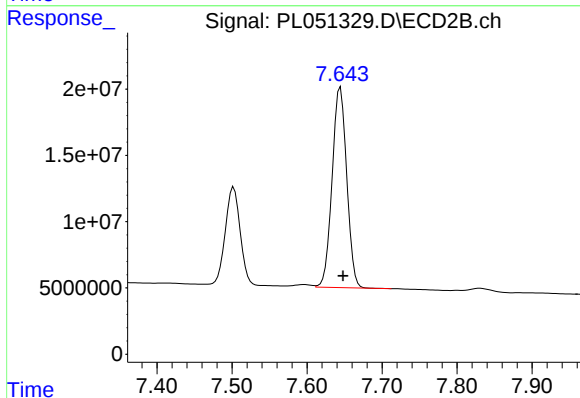
R.T.: 7.502 min
Delta R.T.: -0.004 min
Response: 103225908
Conc: 70.35 ng/ml



#21 Endrin ketone

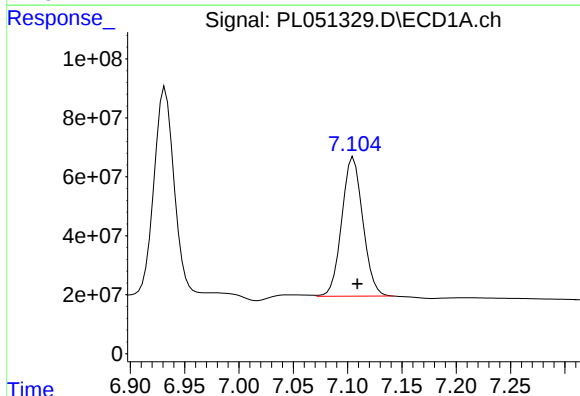
R.T.: 6.932 min
Delta R.T.: -0.003 min
Response: 913128356
Conc: 66.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-B(0-3)MSD



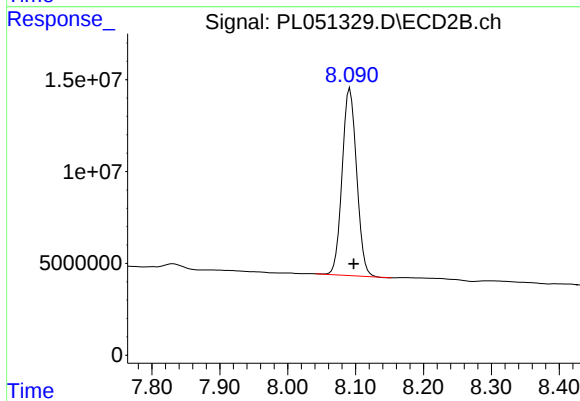
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.004 min
Response: 204202503
Conc: 70.63 ng/ml



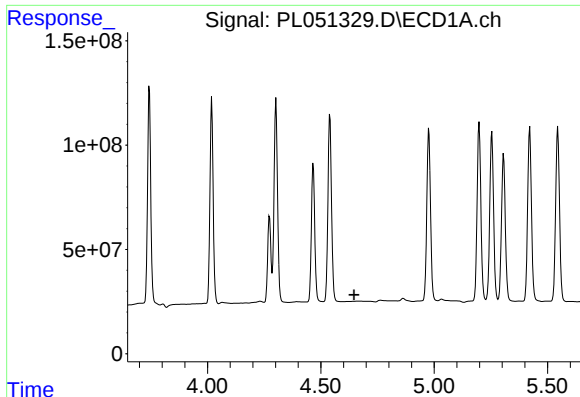
#22 Mirex

R.T.: 7.105 min
Delta R.T.: -0.004 min
Response: 635876753
Conc: 64.86 ng/ml



#22 Mirex

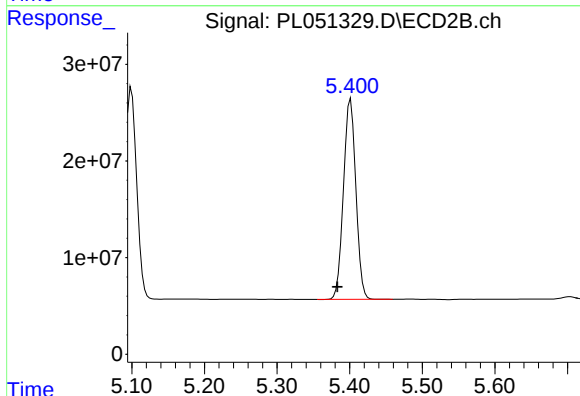
R.T.: 8.092 min
Delta R.T.: -0.006 min
Response: 151552982
Conc: 65.98 ng/ml



#24 Chlordane-2

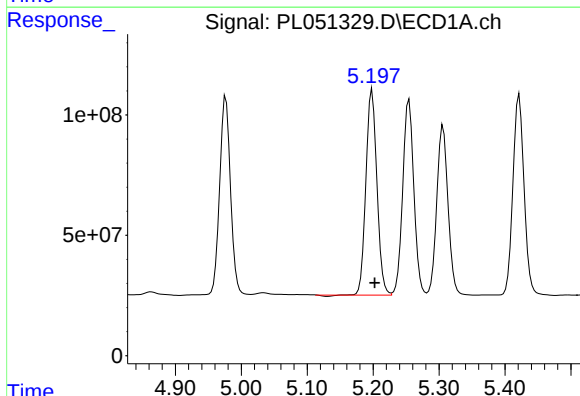
R.T.: 0.000 min
Exp R.T.: 4.647 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-B(0-3)MSD



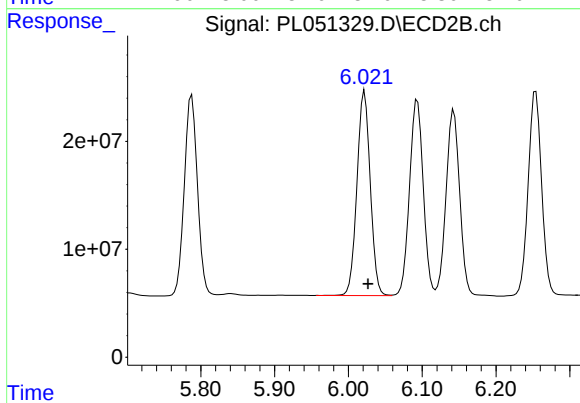
#24 Chlordane-2

R.T.: 5.401 min
Delta R.T.: 0.018 min
Response: 246675420
Conc: 2100.21 ng/ml



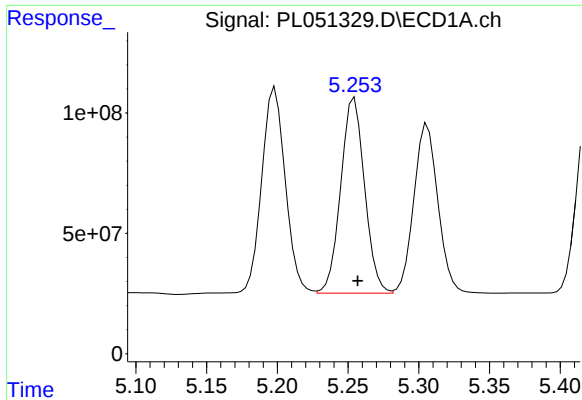
#25 Chlordane-3

R.T.: 5.198 min
Delta R.T.: -0.004 min
Response: 986678566
Conc: 704.88 ng/ml



#25 Chlordane-3

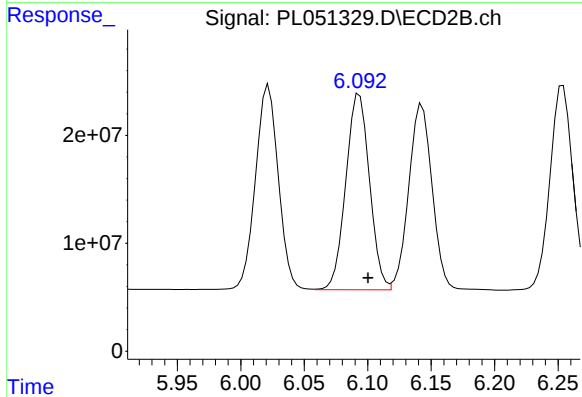
R.T.: 6.022 min
Delta R.T.: -0.004 min
Response: 237354174
Conc: 493.48 ng/ml



#26 Chlordane-4

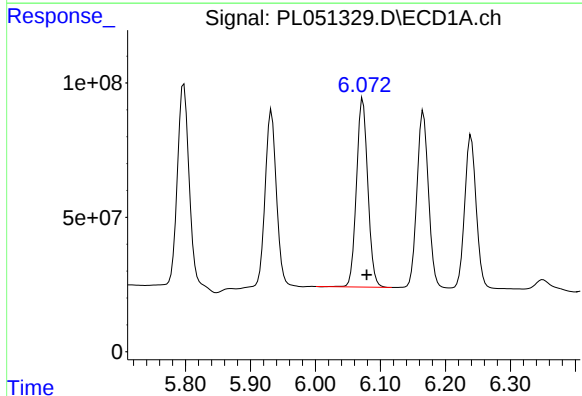
R.T.: 5.254 min
Delta R.T.: -0.002 min
Response: 954412652
Conc: 723.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-B(0-3)MSD



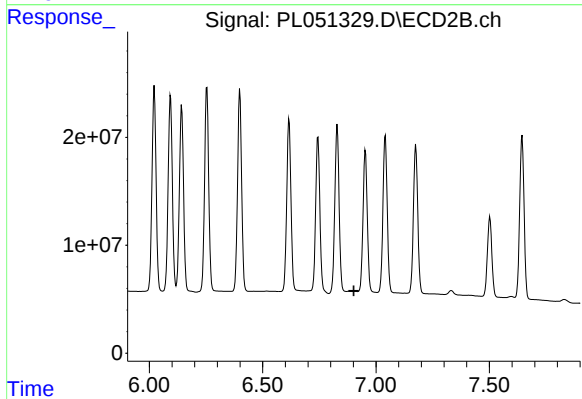
#26 Chlordane-4

R.T.: 6.093 min
Delta R.T.: -0.007 min
Response: 235706118
Conc: 405.75 ng/ml



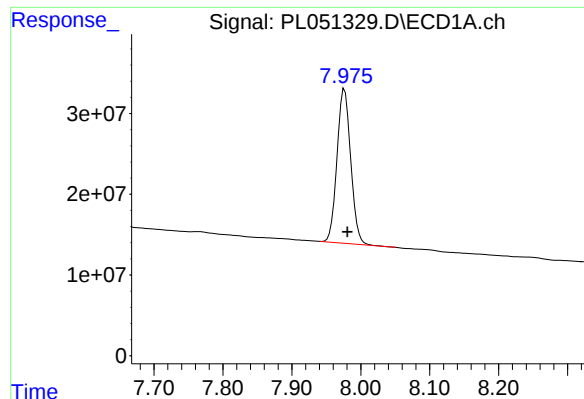
#27 Chlordane-5

R.T.: 6.073 min
Delta R.T.: -0.006 min
Response: 851143503
Conc: 1675.69 ng/ml



#27 Chlordane-5

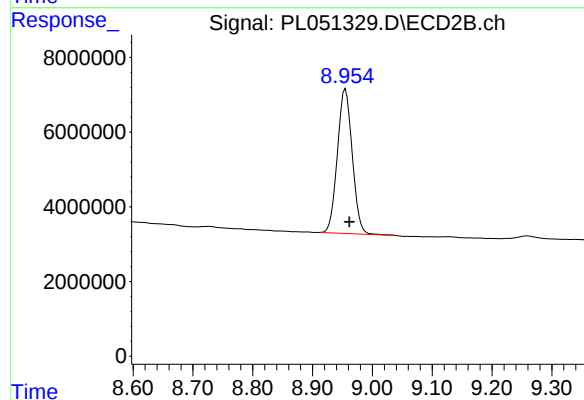
R.T.: 0.000 min
Exp R.T.: 6.902 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.976 min
Delta R.T.: -0.004 min
Response: 263339612
Conc: 26.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
REACTOR-3-B(0-3)MSD



#28 Decachlorobiphenyl

R.T.: 8.955 min
Delta R.T.: -0.007 min
Response: 66926908
Conc: 23.67 ng/ml