

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081219\
 Data File : PL051328.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Aug 2019 20:05
 Operator : SM\AJ
 Sample : K4231-05MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 13 00:50:10 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	227.1E6	67002648	22.605	23.483
28)	SA Decachlor...	7.976	8.955	261.5E6	65659427	25.830	23.218
Target Compounds							
2)	A alpha-BHC	3.743	4.315	1010.3E6	247.7E6	60.288	60.038
3)	MA gamma-BHC...	4.018	4.598	959.7E6	239.2E6	62.390	61.763
4)	MA Heptachlor	4.302	5.100	1054.2E6	256.7E6	64.248	61.913
5)	MB Aldrin	4.540	5.402	992.0E6	244.6E6	64.032	64.918
6)	B beta-BHC	4.273	4.775	408.3E6	108.0E6	62.286	62.471
7)	B delta-BHC	4.466	4.988	681.0E6	145.6E6	41.503	37.635
8)	B Heptachlo...	4.976	5.789	931.9E6	225.8E6	63.079	59.033
9)	A Endosulfan I	5.306	6.143	835.5E6	218.7E6	57.445	63.606
10)	B gamma-Chl...	5.198	6.022	981.3E6	235.1E6	62.175	63.609
11)	B alpha-Chl...	5.254	6.093	949.8E6	233.5E6	62.257	63.714
12)	B 4,4'-DDE	5.422	6.254	964.5E6	237.2E6	64.362	65.839
13)	MA Dieldrin	5.545	6.400	983.4E6	231.3E6	63.457	65.310
14)	MA Endrin	5.797	6.617	948.2E6	197.4E6	64.411	63.656
15)	B Endosulfa...	6.073	6.829	847.8E6	201.7E6	60.579	63.432
16)	A 4,4'-DDD	5.932	6.745	786.2E6	178.8E6	65.604	67.130
17)	MA 4,4'-DDT	6.166	7.041	803.6E6	187.6E6	64.881	69.507
18)	B Endrin al...	6.239	6.953	693.0E6	150.1E6	60.074	55.218
19)	B Endosulfa...	6.451	7.176	760.1E6	181.2E6	59.665	62.725
20)	A Methoxychlor	6.710	7.502	409.3E6	101.5E6	65.601	69.170
21)	B Endrin ke...	6.932	7.644	920.0E6	201.1E6	67.261	69.547
22)	Mirex	7.105	8.092	629.3E6	148.9E6	64.189	64.844
24)	Chlordane-2	0.000	5.402f	0	244.6E6	N.D.	2082.818 #
25)	Chlordane-3	5.198	6.022	981.3E6	235.1E6	701.051	488.696 #
26)	Chlordane-4	5.254	6.093	949.8E6	233.5E6	720.095	401.989 #
27)	Chlordane-5	6.073	0.000	847.8E6	0	1669.090	N.D. #

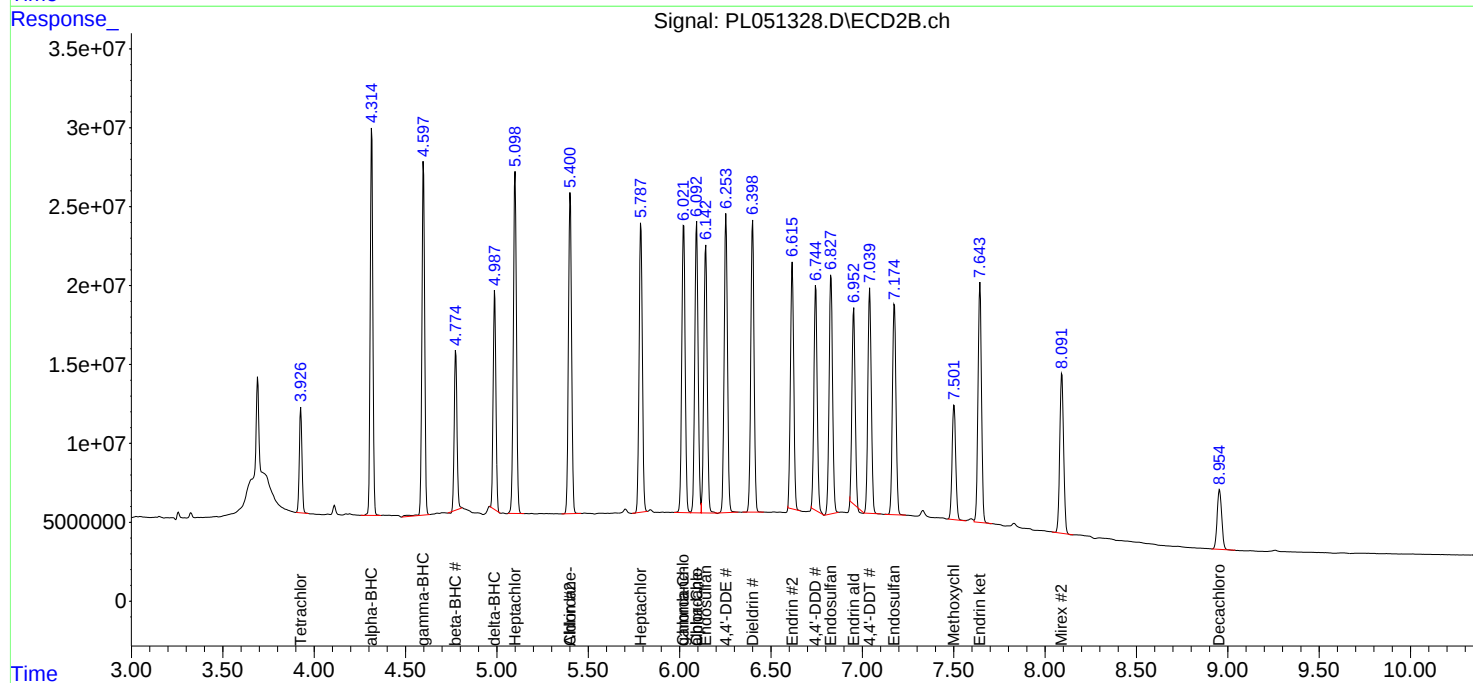
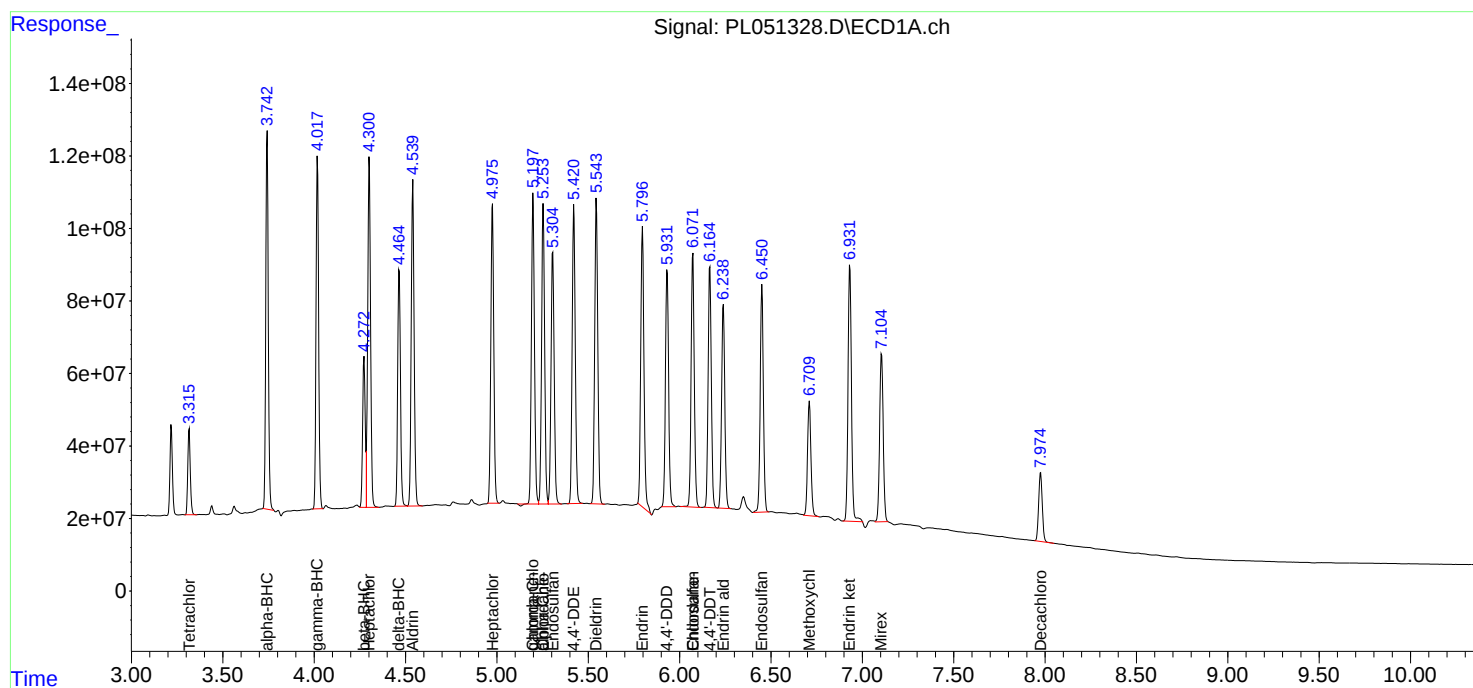
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

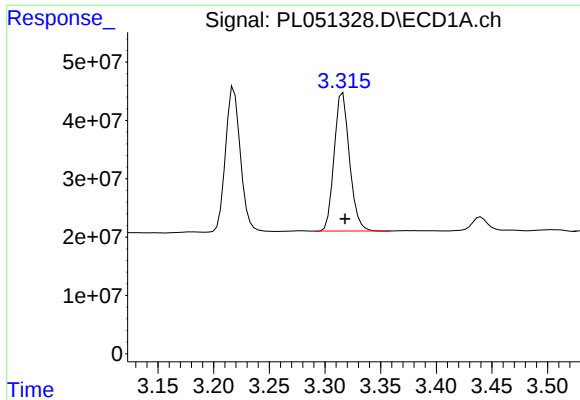
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081219\
Data File : PL051328.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2019 20:05
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Sample : K4231-05MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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REACTOR-3-B(0-3)MS

Integration File signal 1: autoint1.e
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Quant Time: Aug 13 00:50:10 2019
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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

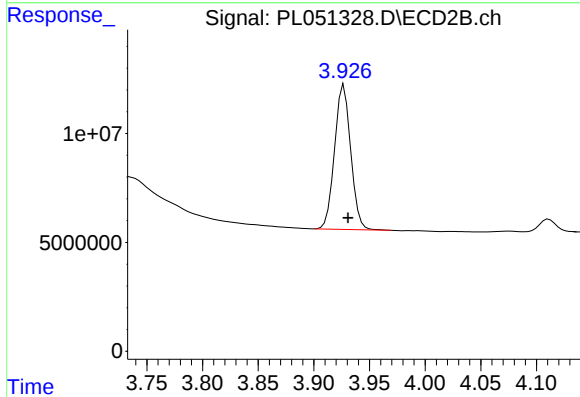




#1 Tetrachloro-m-xylene

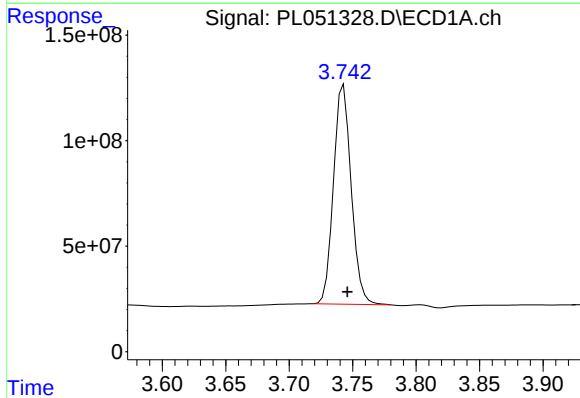
R.T.: 3.316 min
Delta R.T.: -0.002 min
Response: 227128545
Conc: 22.60 ng/ml

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



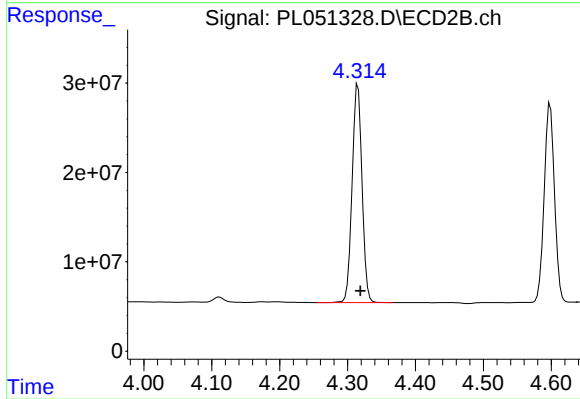
#1 Tetrachloro-m-xylene

R.T.: 3.927 min
Delta R.T.: -0.004 min
Response: 67002648
Conc: 23.48 ng/ml



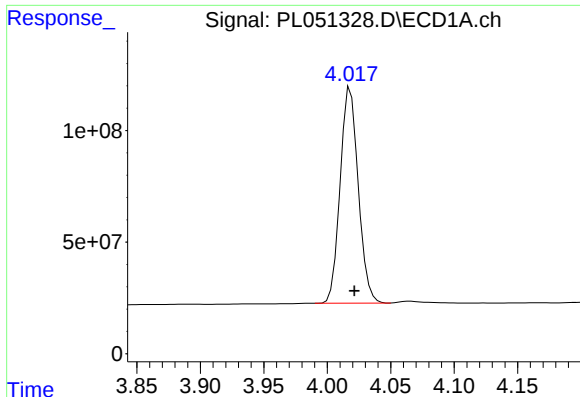
#2 alpha-BHC

R.T.: 3.743 min
Delta R.T.: -0.003 min
Response: 1010290392
Conc: 60.29 ng/ml



#2 alpha-BHC

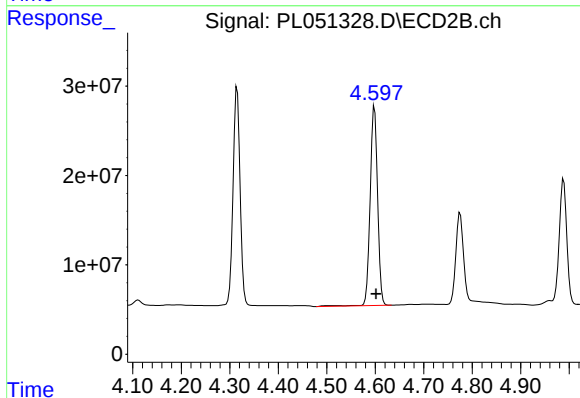
R.T.: 4.315 min
Delta R.T.: -0.004 min
Response: 247715424
Conc: 60.04 ng/ml



#3 gamma-BHC (Lindane)

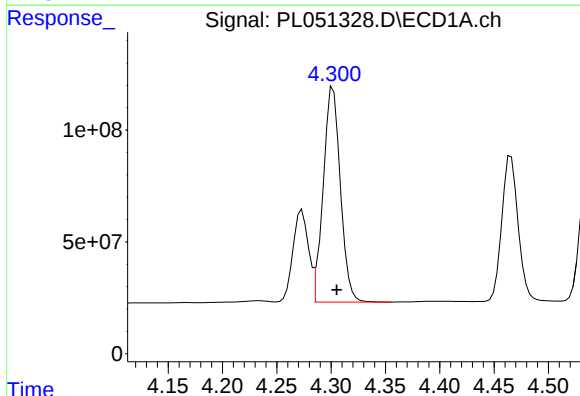
R.T.: 4.018 min
Delta R.T.: -0.003 min
Response: 959659866
Conc: 62.39 ng/ml

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



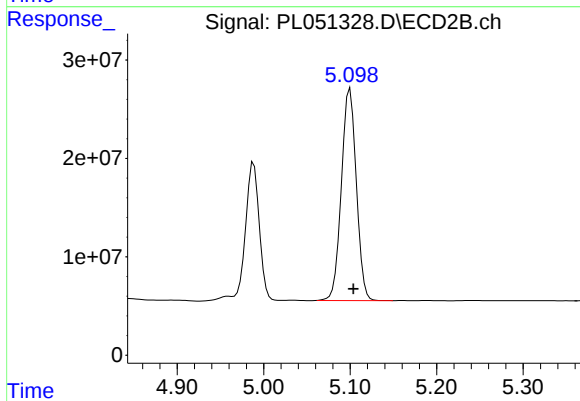
#3 gamma-BHC (Lindane)

R.T.: 4.598 min
Delta R.T.: -0.003 min
Response: 239217949
Conc: 61.76 ng/ml



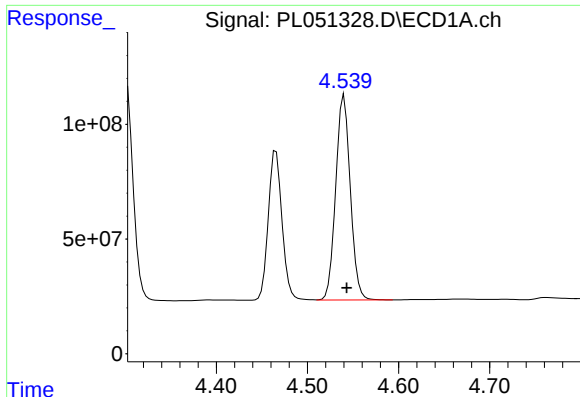
#4 Heptachlor

R.T.: 4.302 min
Delta R.T.: -0.003 min
Response: 1054173630
Conc: 64.25 ng/ml



#4 Heptachlor

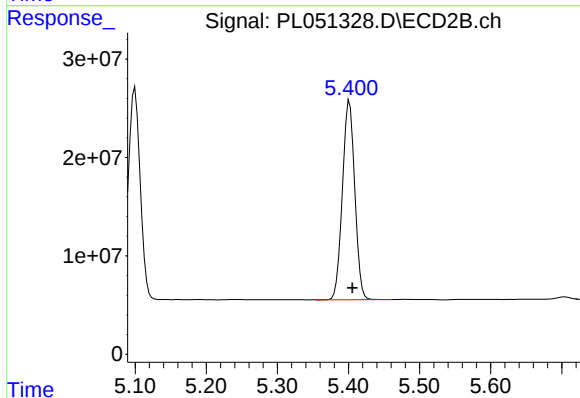
R.T.: 5.100 min
Delta R.T.: -0.004 min
Response: 256732583
Conc: 61.91 ng/ml



#5 Aldrin

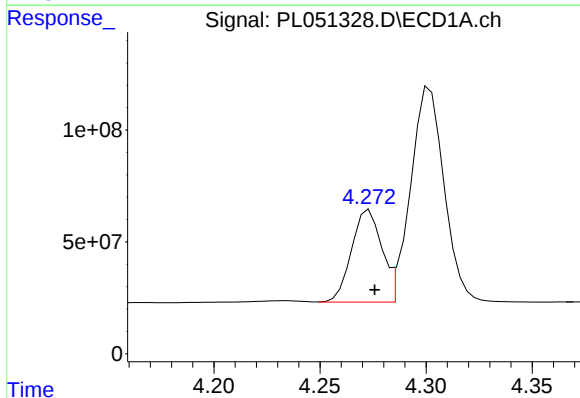
R.T.: 4.540 min
Delta R.T.: -0.003 min
Response: 991953230
Conc: 64.03 ng/ml

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



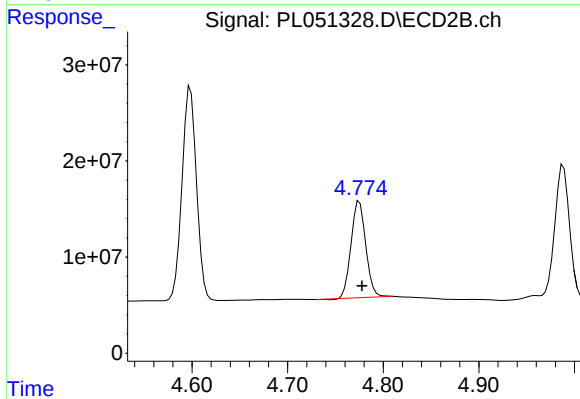
#5 Aldrin

R.T.: 5.402 min
Delta R.T.: -0.004 min
Response: 244632168
Conc: 64.92 ng/ml



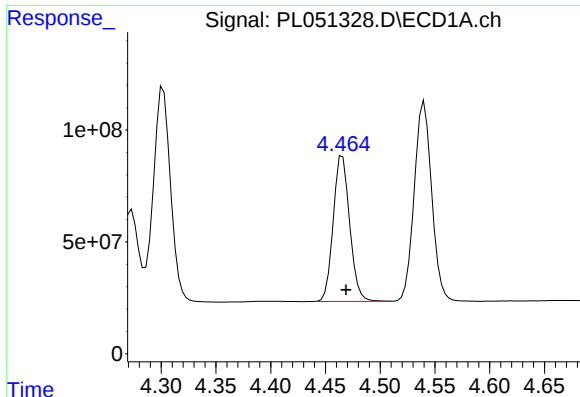
#6 beta-BHC

R.T.: 4.273 min
Delta R.T.: -0.003 min
Response: 408338123
Conc: 62.29 ng/ml



#6 beta-BHC

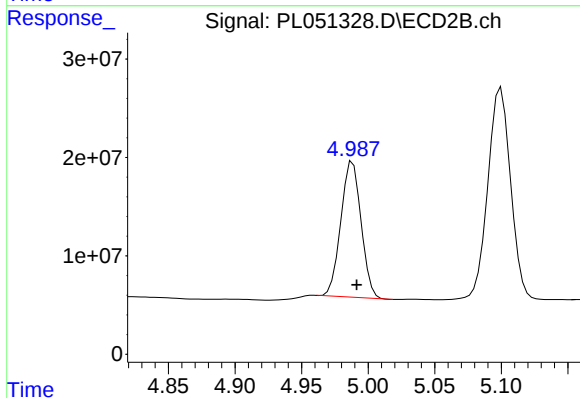
R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 108003118
Conc: 62.47 ng/ml



#7 delta-BHC

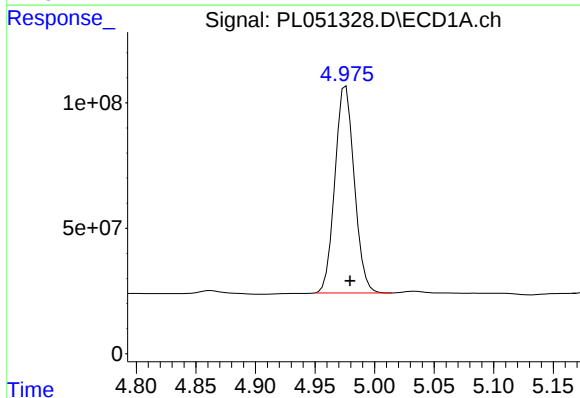
R.T.: 4.466 min
Delta R.T.: -0.003 min
Response: 681017439
Conc: 41.50 ng/ml

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



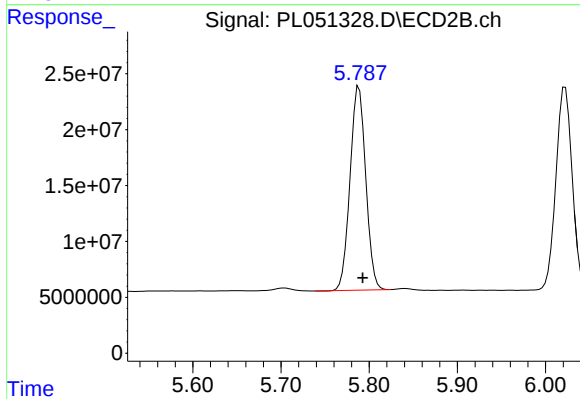
#7 delta-BHC

R.T.: 4.988 min
Delta R.T.: -0.003 min
Response: 145557460
Conc: 37.63 ng/ml



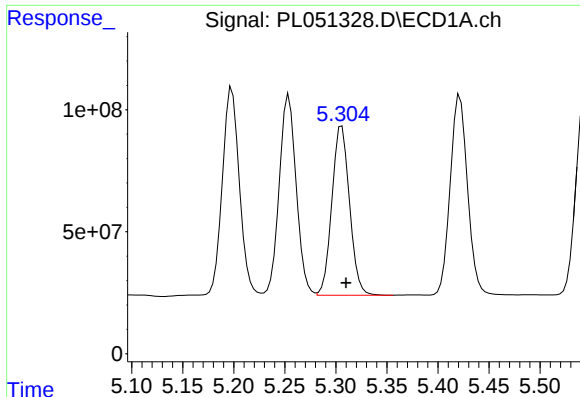
#8 Heptachlor epoxide

R.T.: 4.976 min
Delta R.T.: -0.003 min
Response: 931914767
Conc: 63.08 ng/ml



#8 Heptachlor epoxide

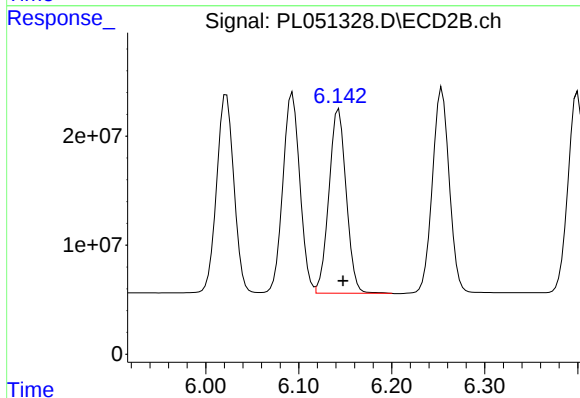
R.T.: 5.789 min
Delta R.T.: -0.004 min
Response: 225790088
Conc: 59.03 ng/ml



#9 Endosulfan I

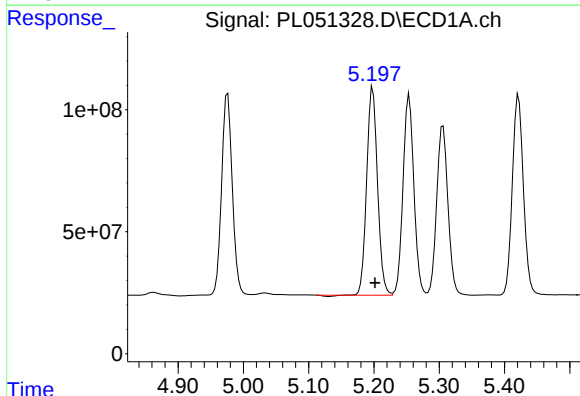
R.T.: 5.306 min
Delta R.T.: -0.004 min
Response: 835473337
Conc: 57.45 ng/ml

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



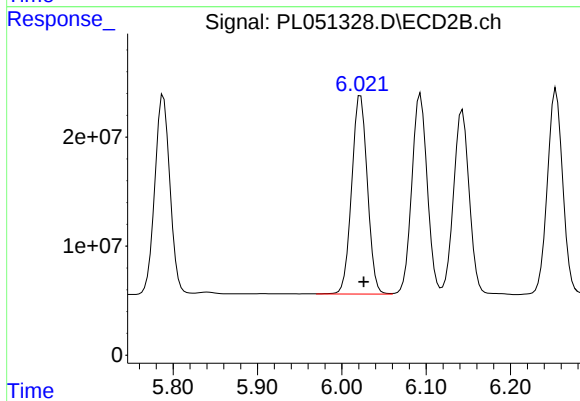
#9 Endosulfan I

R.T.: 6.143 min
Delta R.T.: -0.005 min
Response: 218733470
Conc: 63.61 ng/ml



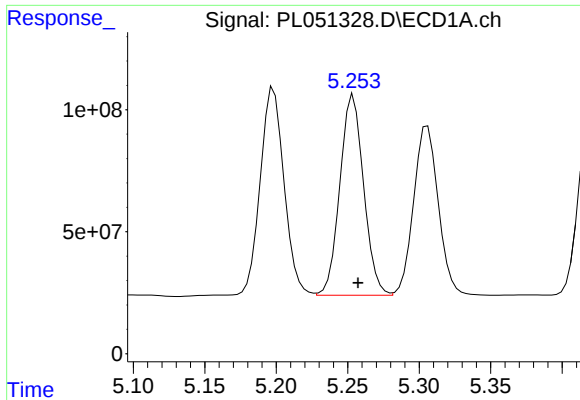
#10 gamma-Chlordane

R.T.: 5.198 min
Delta R.T.: -0.003 min
Response: 981322673
Conc: 62.18 ng/ml



#10 gamma-Chlordane

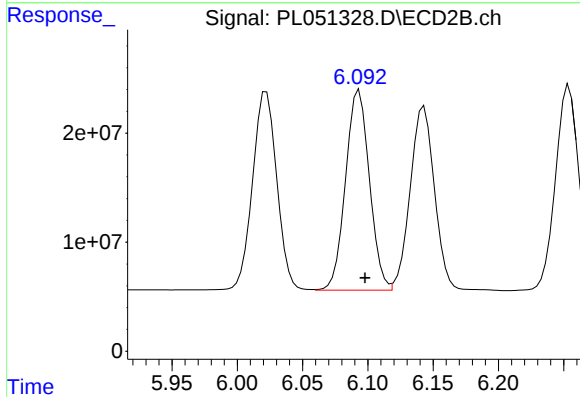
R.T.: 6.022 min
Delta R.T.: -0.004 min
Response: 235052924
Conc: 63.61 ng/ml



#11 alpha-Chlordane

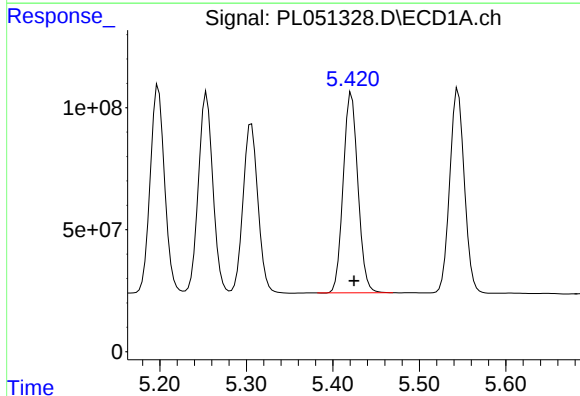
R.T.: 5.254 min
Delta R.T.: -0.003 min
Response: 949790638
Conc: 62.26 ng/ml

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



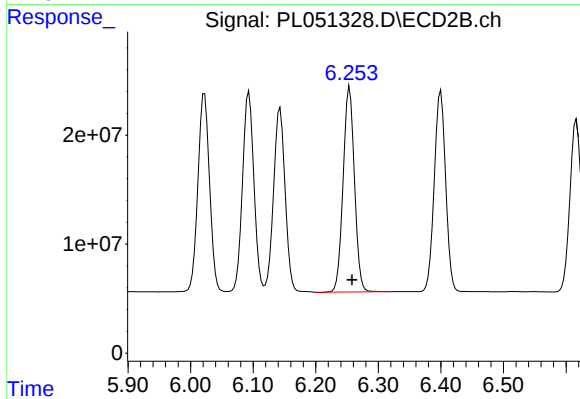
#11 alpha-Chlordane

R.T.: 6.093 min
Delta R.T.: -0.005 min
Response: 233522813
Conc: 63.71 ng/ml



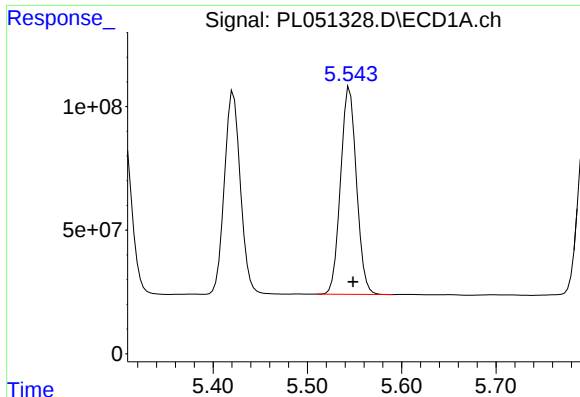
#12 4,4'-DDE

R.T.: 5.422 min
Delta R.T.: -0.003 min
Response: 964525002
Conc: 64.36 ng/ml



#12 4,4'-DDE

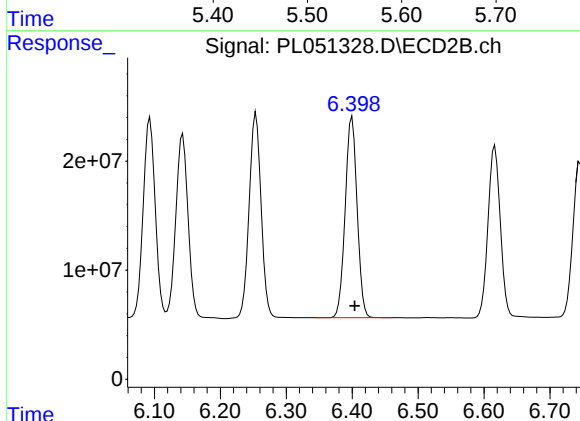
R.T.: 6.254 min
Delta R.T.: -0.004 min
Response: 237242903
Conc: 65.84 ng/ml



#13 Dieldrin

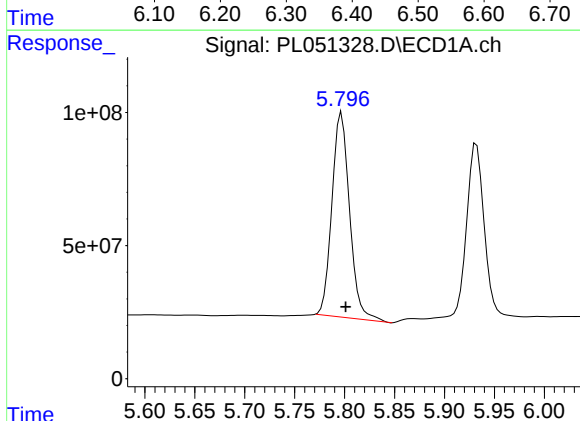
R.T.: 5.545 min
Delta R.T.: -0.004 min
Response: 983373145
Conc: 63.46 ng/ml

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



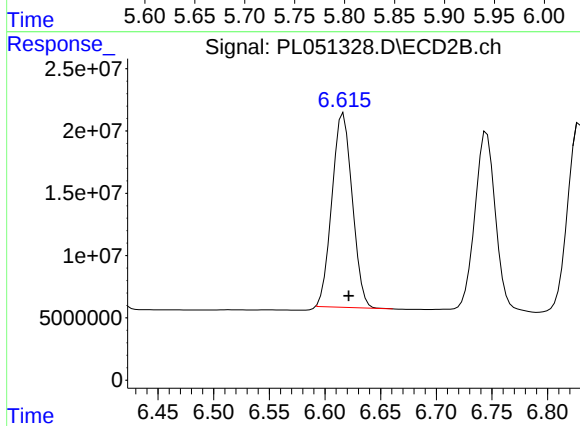
#13 Dieldrin

R.T.: 6.400 min
Delta R.T.: -0.004 min
Response: 231270921
Conc: 65.31 ng/ml



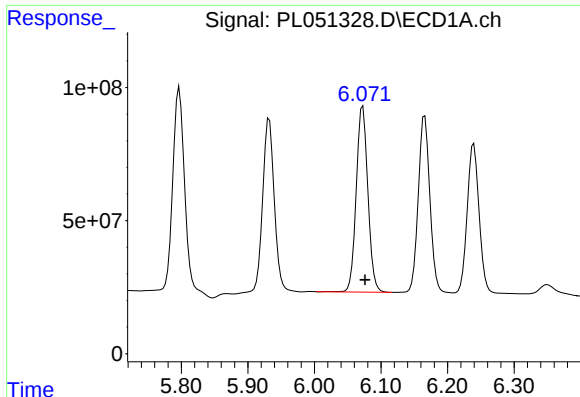
#14 Endrin

R.T.: 5.797 min
Delta R.T.: -0.004 min
Response: 948163078
Conc: 64.41 ng/ml



#14 Endrin

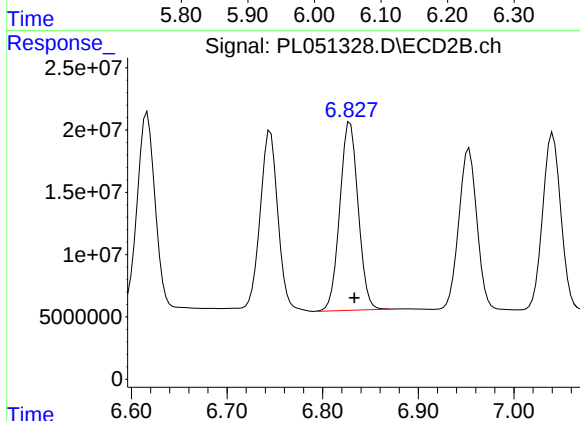
R.T.: 6.617 min
Delta R.T.: -0.005 min
Response: 197425714
Conc: 63.66 ng/ml



#15 Endosulfan II

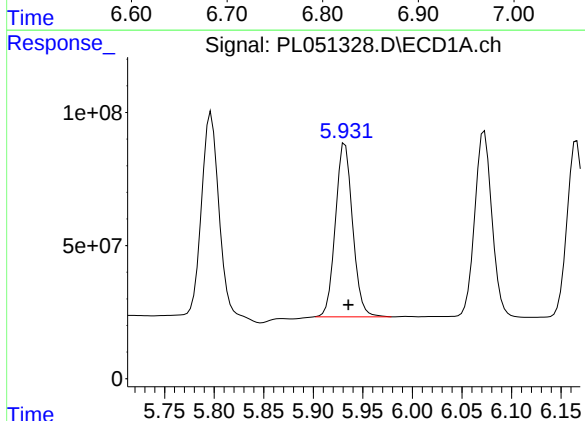
R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 847792386
Conc: 60.58 ng/ml

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



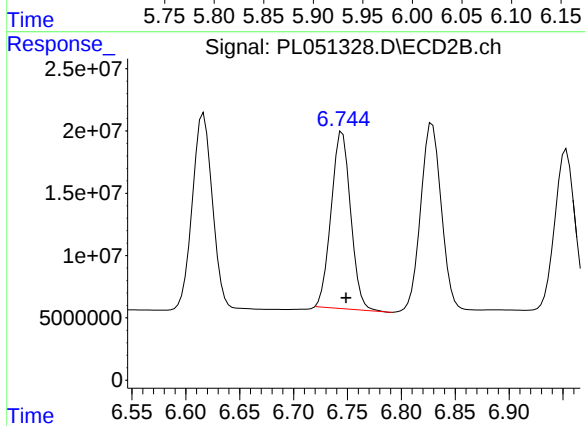
#15 Endosulfan II

R.T.: 6.829 min
Delta R.T.: -0.005 min
Response: 201663336
Conc: 63.43 ng/ml



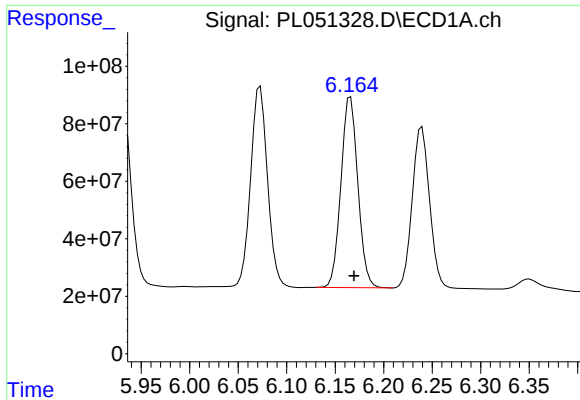
#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: -0.003 min
Response: 786186351
Conc: 65.60 ng/ml



#16 4,4'-DDD

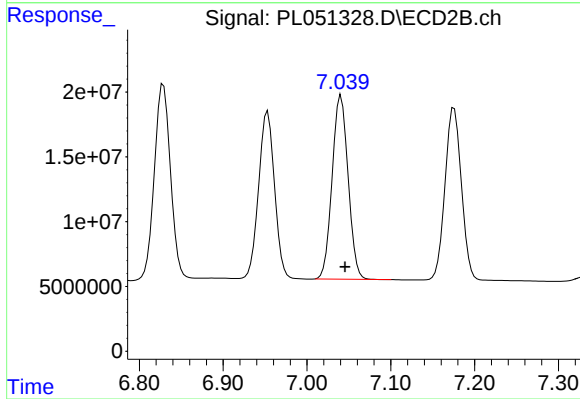
R.T.: 6.745 min
Delta R.T.: -0.003 min
Response: 178758762
Conc: 67.13 ng/ml



#17 4,4'-DDT

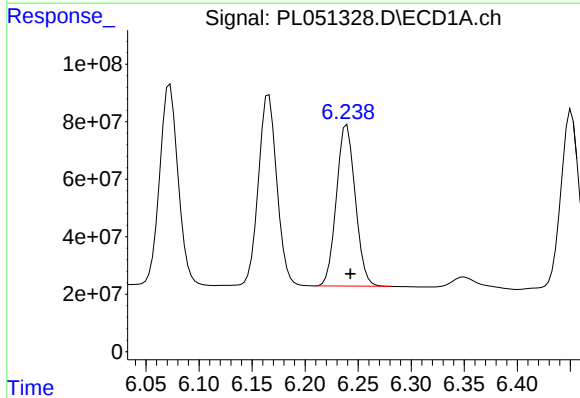
R.T.: 6.166 min
Delta R.T.: -0.004 min
Response: 803601057
Conc: 64.88 ng/ml

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



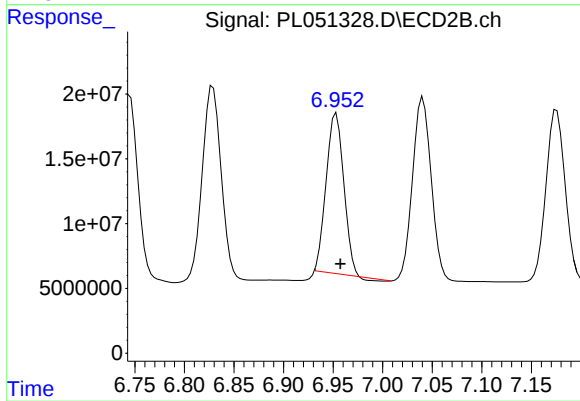
#17 4,4'-DDT

R.T.: 7.041 min
Delta R.T.: -0.005 min
Response: 187641699
Conc: 69.51 ng/ml



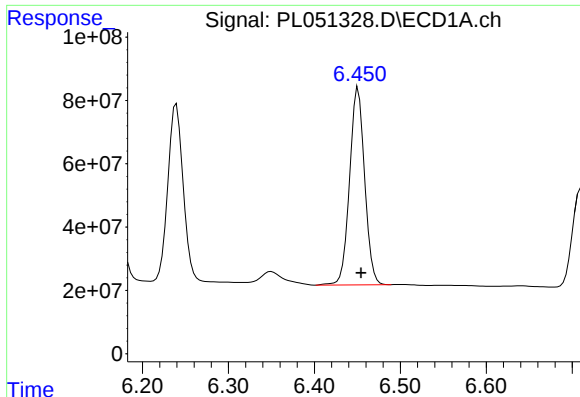
#18 Endrin aldehyde

R.T.: 6.239 min
Delta R.T.: -0.003 min
Response: 693034163
Conc: 60.07 ng/ml



#18 Endrin aldehyde

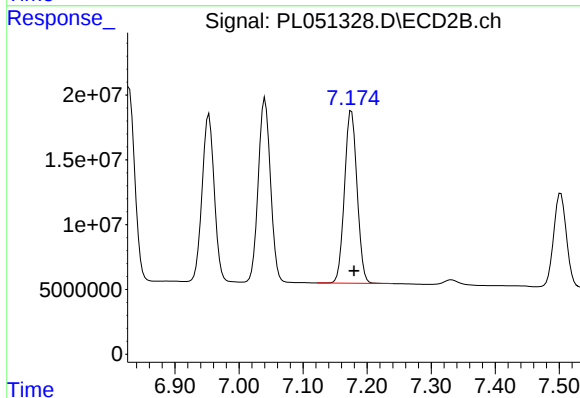
R.T.: 6.953 min
Delta R.T.: -0.004 min
Response: 150061763
Conc: 55.22 ng/ml



#19 Endosulfan Sulfate

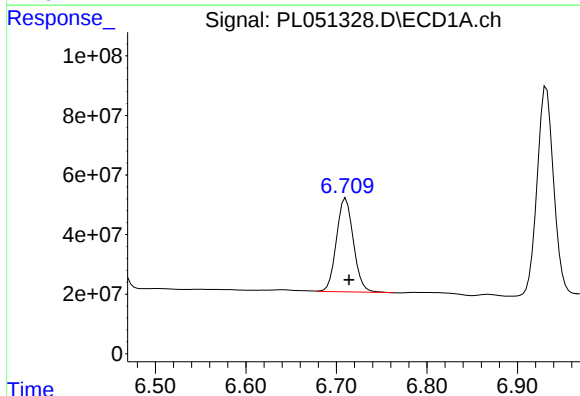
R.T.: 6.451 min
Delta R.T.: -0.003 min
Response: 760106157
Conc: 59.67 ng/ml

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



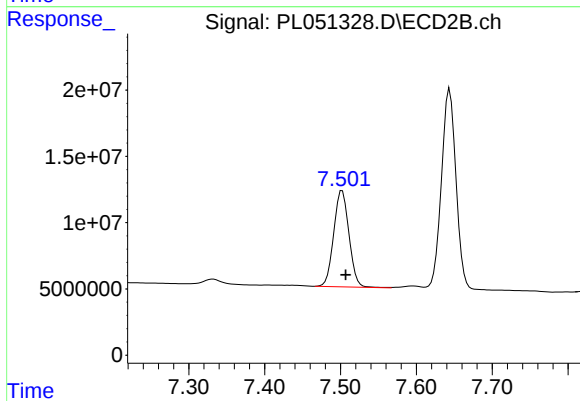
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: -0.004 min
Response: 181164300
Conc: 62.72 ng/ml



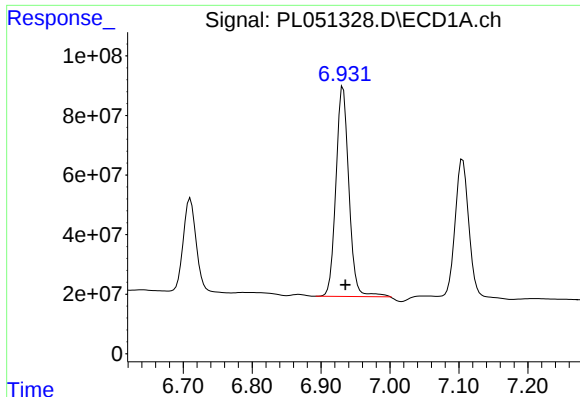
#20 Methoxychlor

R.T.: 6.710 min
Delta R.T.: -0.004 min
Response: 409282437
Conc: 65.60 ng/ml



#20 Methoxychlor

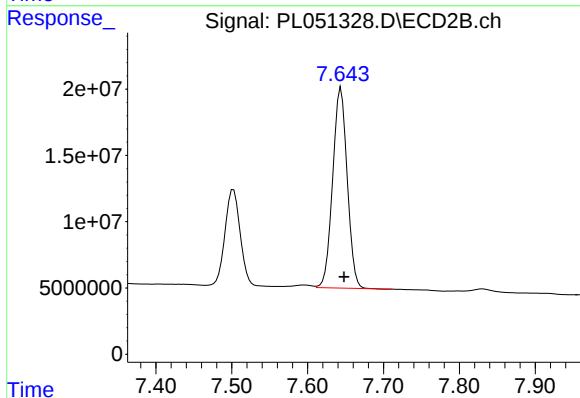
R.T.: 7.502 min
Delta R.T.: -0.005 min
Response: 101490784
Conc: 69.17 ng/ml



#21 Endrin ketone

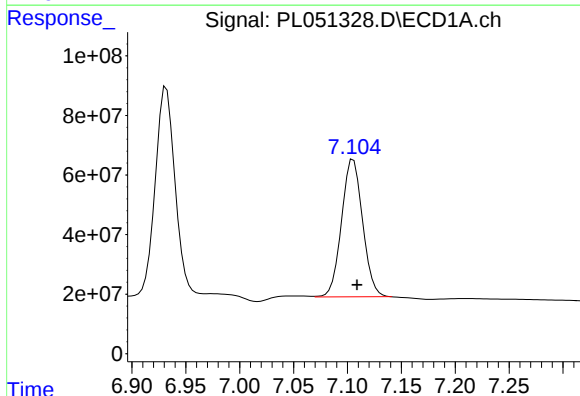
R.T.: 6.932 min
Delta R.T.: -0.004 min
Response: 919953443
Conc: 67.26 ng/ml

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



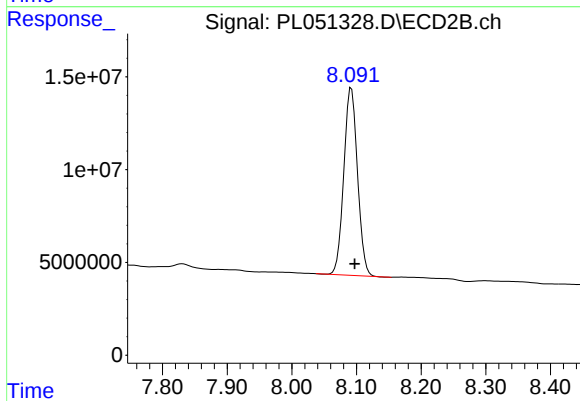
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: -0.004 min
Response: 201079776
Conc: 69.55 ng/ml



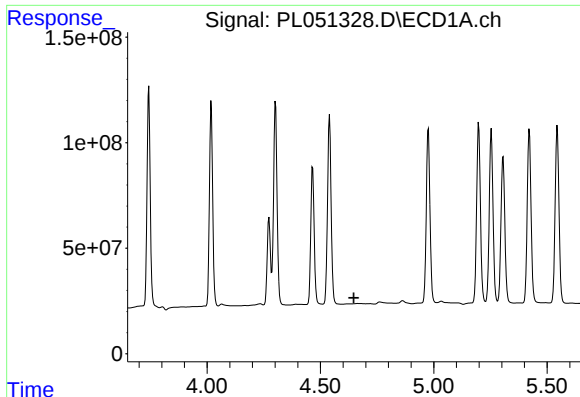
#22 Mirex

R.T.: 7.105 min
Delta R.T.: -0.003 min
Response: 629324490
Conc: 64.19 ng/ml



#22 Mirex

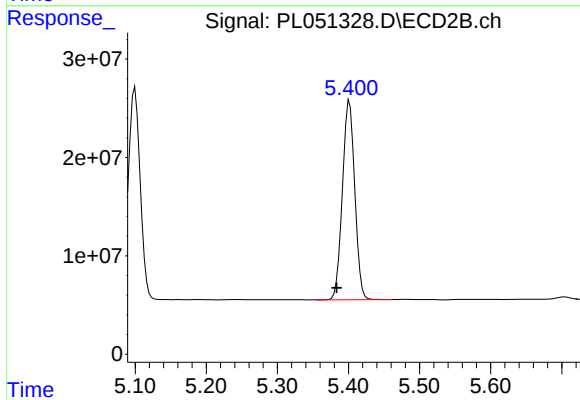
R.T.: 8.092 min
Delta R.T.: -0.005 min
Response: 148947559
Conc: 64.84 ng/ml



#24 Chlordane-2

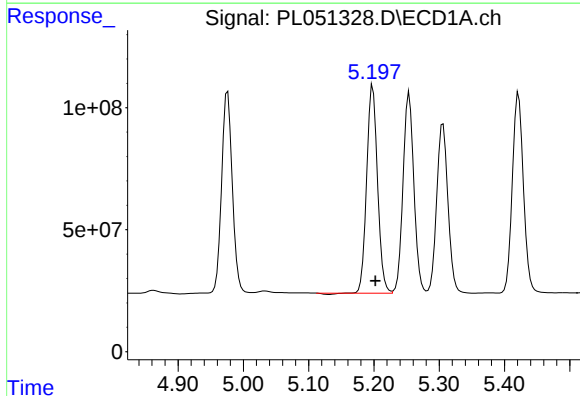
R.T.: 0.000 min
Exp R.T.: 4.647 min
Response: 0
Conc: N.D.

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



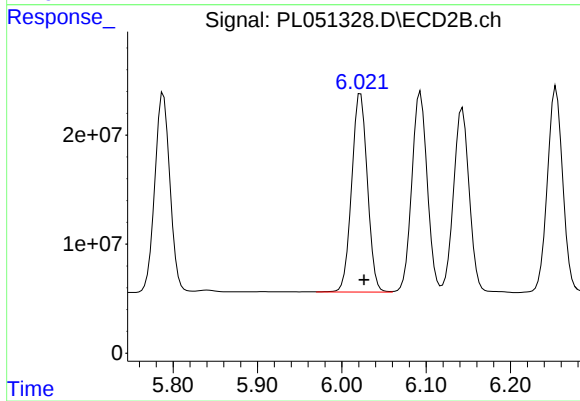
#24 Chlordane-2

R.T.: 5.402 min
Delta R.T.: 0.018 min
Response: 244632168
Conc: 2082.82 ng/ml



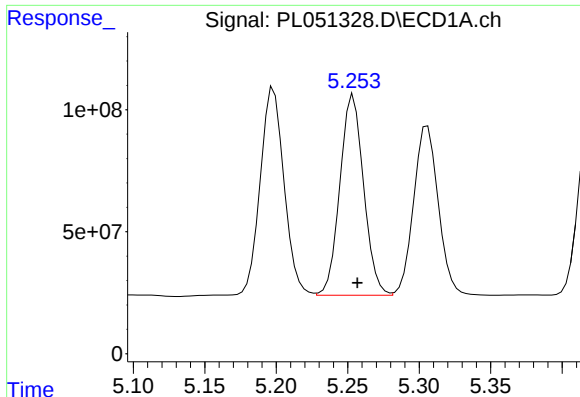
#25 Chlordane-3

R.T.: 5.198 min
Delta R.T.: -0.004 min
Response: 981322673
Conc: 701.05 ng/ml



#25 Chlordane-3

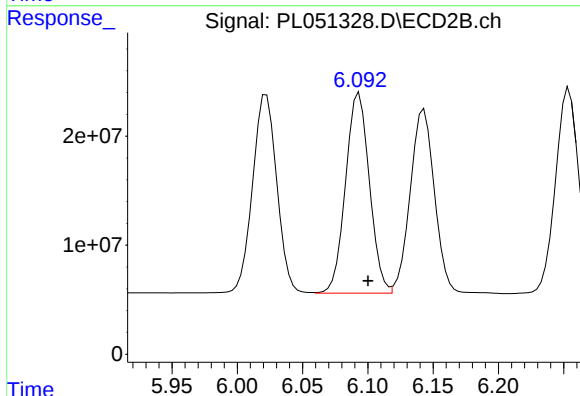
R.T.: 6.022 min
Delta R.T.: -0.004 min
Response: 235052924
Conc: 488.70 ng/ml



#26 Chlordane-4

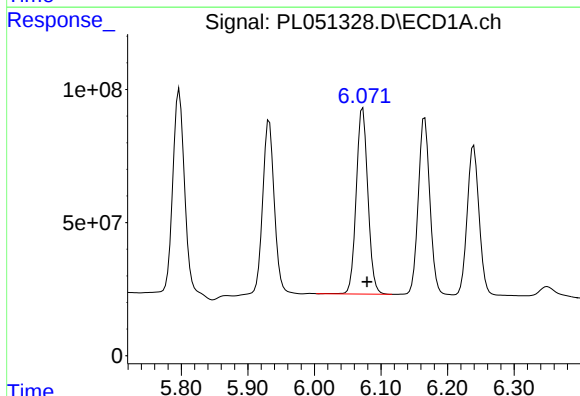
R.T.: 5.254 min
Delta R.T.: -0.003 min
Response: 949790638
Conc: 720.10 ng/ml

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



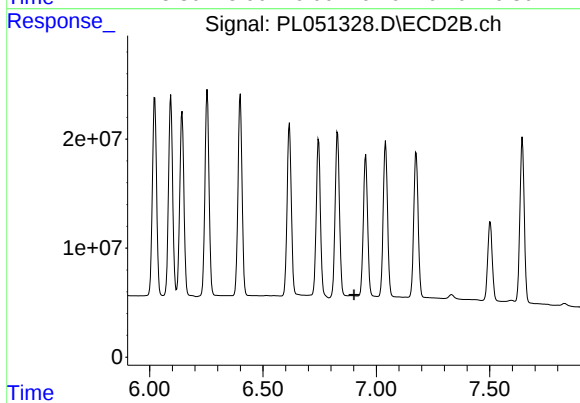
#26 Chlordane-4

R.T.: 6.093 min
Delta R.T.: -0.007 min
Response: 233522813
Conc: 401.99 ng/ml



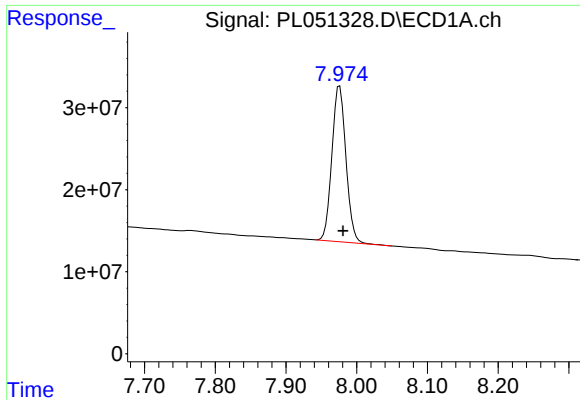
#27 Chlordane-5

R.T.: 6.073 min
Delta R.T.: -0.006 min
Response: 847792386
Conc: 1669.09 ng/ml



#27 Chlordane-5

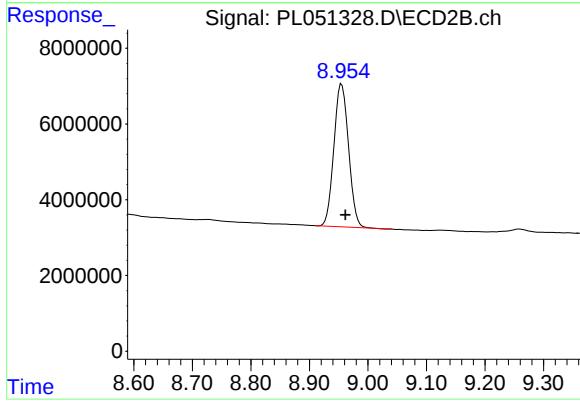
R.T.: 0.000 min
Exp R.T.: 6.902 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.976 min
Delta R.T.: -0.005 min
Response: 261537305
Conc: 25.83 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 8.955 min
Delta R.T.: -0.007 min
Response: 65659427
Conc: 23.22 ng/ml