

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042619\
 Data File : PL047894.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Apr 2019 23:30
 Operator : AJ\SJ
 Sample : K2571-01MS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 114-PENNINGTONMS

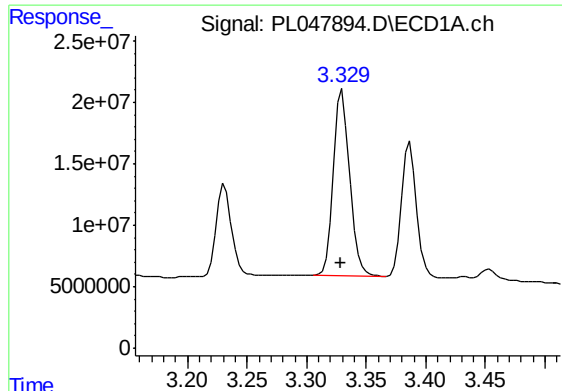
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 27 02:06:54 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042419.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 25 01:53:03 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.330	3.943	142.2E6	45564438	15.375	19.087
28)	SA Decachlor...	8.005	8.987	196.2E6	56345021	17.528	19.738
Target Compounds							
2)	A alpha-BHC	3.759	4.332	572.2E6	150.2E6	39.140	45.269
3)	MA gamma-BHC...	4.035	4.616	504.8E6	139.1E6	38.086	44.334
4)	MA Heptachlor	4.321	5.120	546.2E6	145.6E6	38.337	43.336
5)	MB Aldrin	4.561	5.423	524.5E6	132.6E6	37.663	42.482
6)	B beta-BHC	4.289	4.790	204.1E6	61392934	36.131	42.609
7)	B delta-BHC	4.483	5.004	408.6E6	107.8E6	31.452	42.910 #
8)	B Heptachlor...	4.998	5.810	476.1E6	127.6E6	37.149	45.666
9)	A Endosulfan I	5.329	6.165	465.7E6	113.5E6	38.510	40.419
10)	B gamma-Chl...	5.221	6.044	509.2E6	133.0E6	38.246	43.957
11)	B alpha-Chl...	5.277	6.116	491.7E6	130.3E6	37.684	43.069
12)	B 4,4'-DDE	5.444	6.276	466.2E6	117.8E6	37.477	42.653
13)	MA Dieldrin	5.568	6.422	509.0E6	126.7E6	39.211	43.341
14)	MA Endrin	5.822	6.640	459.5E6	114.6E6	38.664	44.879
15)	B Endosulfa...	6.096	6.851	447.0E6	118.1E6	39.920	45.001
16)	A 4,4'-DDD	5.956	6.767	378.3E6	105.5E6	38.468	46.979
17)	MA 4,4'-DDT	6.190	7.064	398.2E6	108.5E6	39.939	45.567
18)	B Endrin al...	6.263	6.975	369.4E6	102.5E6	39.147	44.371
19)	B Endosulfa...	6.474	7.198	449.5E6	121.9E6	40.325	44.517
20)	A Methoxychlor	6.736	7.524	236.8E6	66416230	44.523	47.367
21)	B Endrin ke...	6.957	7.667	534.0E6	141.9E6	45.032	50.465
22)	Mirex	7.132	8.118	397.8E6	115.2E6	42.374	49.514
23)	Chlordane-1	4.201f	5.004	5274475	107.8E6	12.199	420.764 #
24)	Chlordane-2	0.000	5.423	0	132.6E6	N.D.	426.077 #
25)	Chlordane-3	5.277	6.116	491.7E6	130.3E6	372.978	439.870
26)	Chlordane-4	5.329	6.165	465.7E6	113.5E6	379.016	412.119
27)	Chlordane-5	6.096	6.975	447.0E6	102.5E6	1054.216	454.889 #

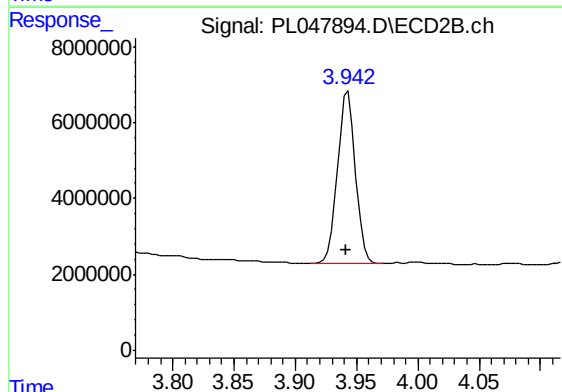
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

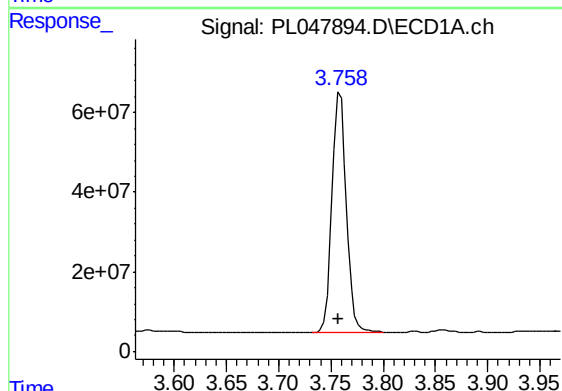
R.T.: 3.330 min
Delta R.T.: 0.001 min
Response: 142190719
Conc: 15.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMS



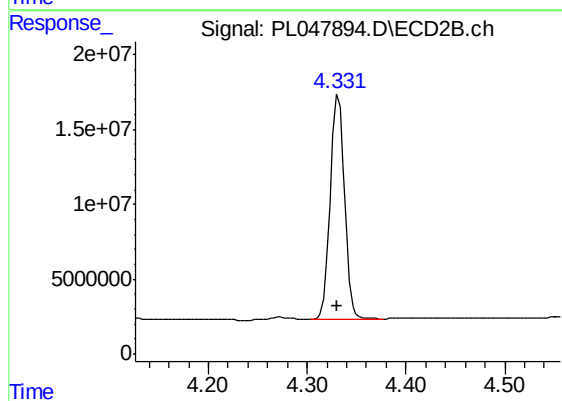
#1 Tetrachloro-m-xylene

R.T.: 3.943 min
Delta R.T.: 0.001 min
Response: 45564438
Conc: 19.09 ng/ml



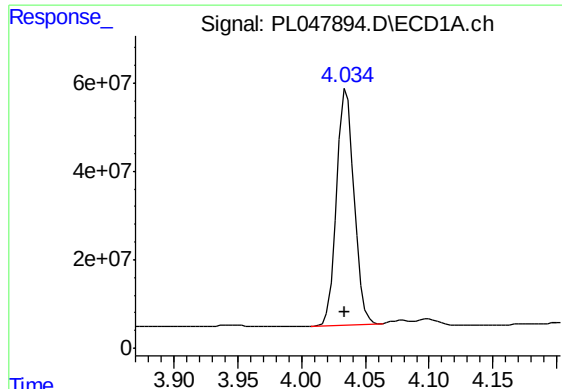
#2 alpha-BHC

R.T.: 3.759 min
Delta R.T.: 0.002 min
Response: 572163828
Conc: 39.14 ng/ml



#2 alpha-BHC

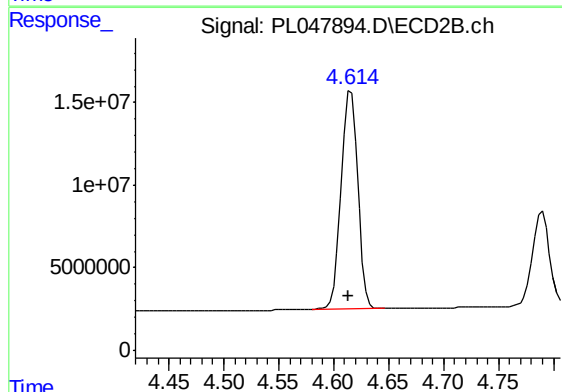
R.T.: 4.332 min
Delta R.T.: 0.002 min
Response: 150234694
Conc: 45.27 ng/ml



#3 gamma-BHC (Lindane)

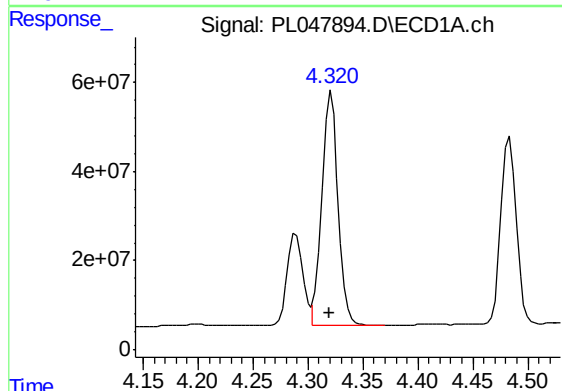
R.T.: 4.035 min
Delta R.T.: 0.002 min
Response: 504810694
Conc: 38.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMS



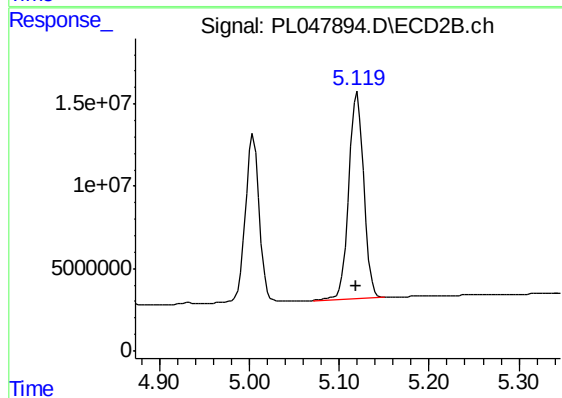
#3 gamma-BHC (Lindane)

R.T.: 4.616 min
Delta R.T.: 0.002 min
Response: 139052666
Conc: 44.33 ng/ml



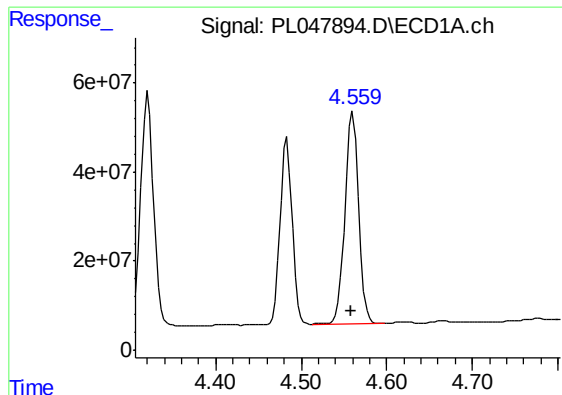
#4 Heptachlor

R.T.: 4.321 min
Delta R.T.: 0.002 min
Response: 546224240
Conc: 38.34 ng/ml



#4 Heptachlor

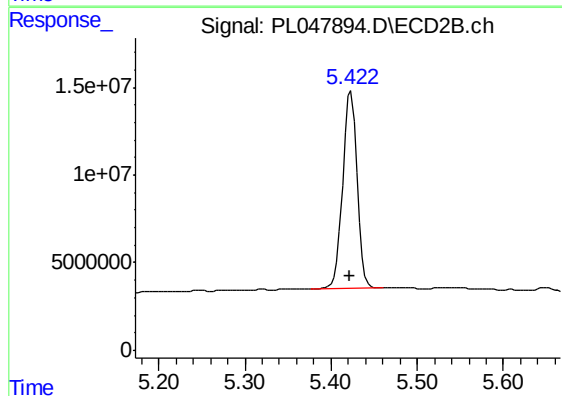
R.T.: 5.120 min
Delta R.T.: 0.002 min
Response: 145641614
Conc: 43.34 ng/ml



#5 Aldrin

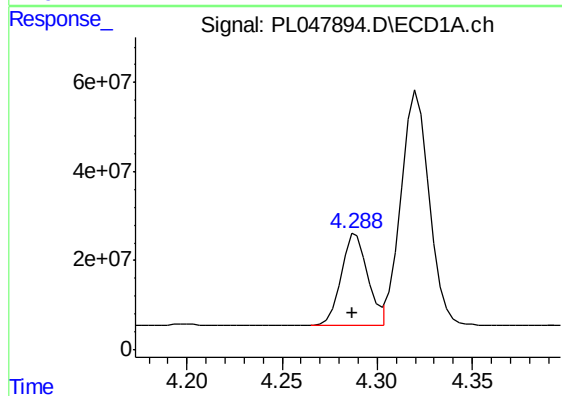
R.T.: 4.561 min
Delta R.T.: 0.002 min
Response: 524480837
Conc: 37.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMS



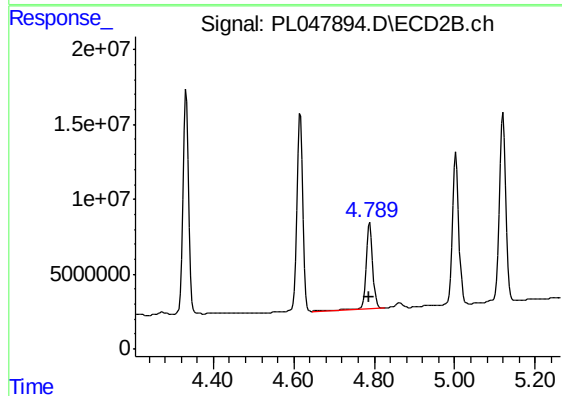
#5 Aldrin

R.T.: 5.423 min
Delta R.T.: 0.002 min
Response: 132586175
Conc: 42.48 ng/ml



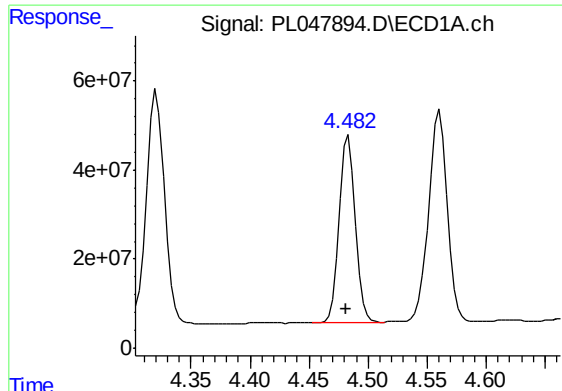
#6 beta-BHC

R.T.: 4.289 min
Delta R.T.: 0.002 min
Response: 204143755
Conc: 36.13 ng/ml



#6 beta-BHC

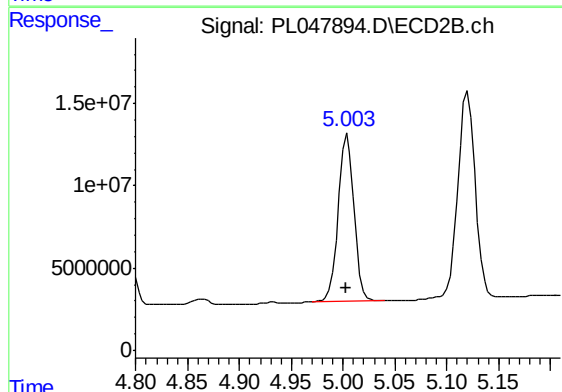
R.T.: 4.790 min
Delta R.T.: 0.002 min
Response: 61392934
Conc: 42.61 ng/ml



#7 delta-BHC

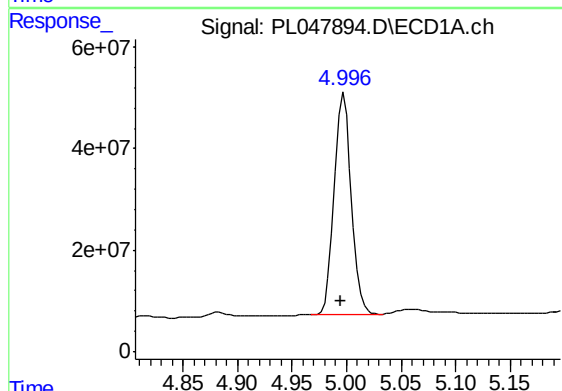
R.T.: 4.483 min
Delta R.T.: 0.002 min
Response: 408575085
Conc: 31.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMS



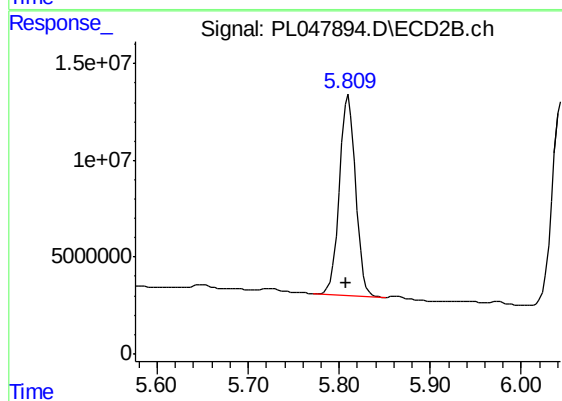
#7 delta-BHC

R.T.: 5.004 min
Delta R.T.: 0.002 min
Response: 107801304
Conc: 42.91 ng/ml



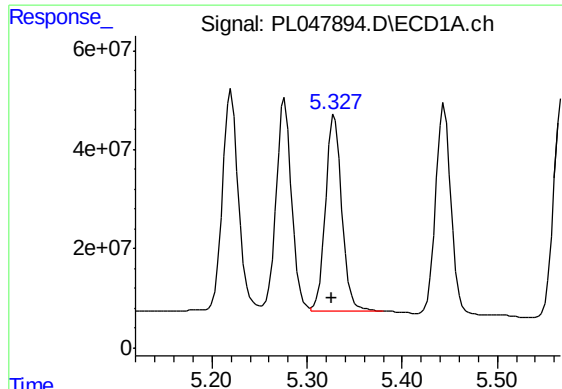
#8 Heptachlor epoxide

R.T.: 4.998 min
Delta R.T.: 0.002 min
Response: 476066749
Conc: 37.15 ng/ml



#8 Heptachlor epoxide

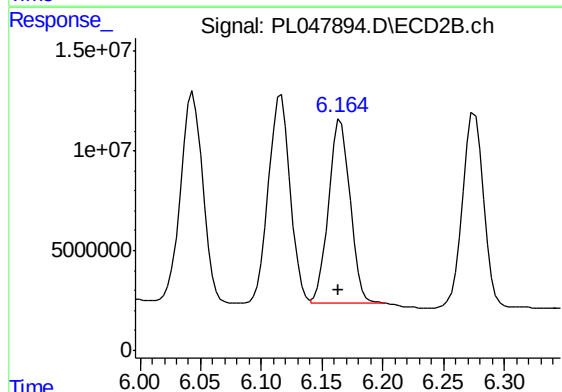
R.T.: 5.810 min
Delta R.T.: 0.003 min
Response: 127626262
Conc: 45.67 ng/ml



#9 Endosulfan I

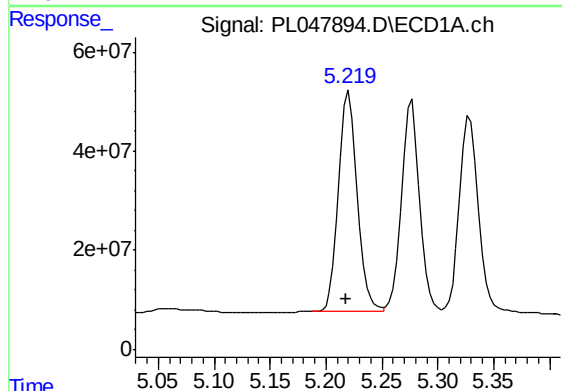
R.T.: 5.329 min
Delta R.T.: 0.003 min
Response: 465712699
Conc: 38.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMS



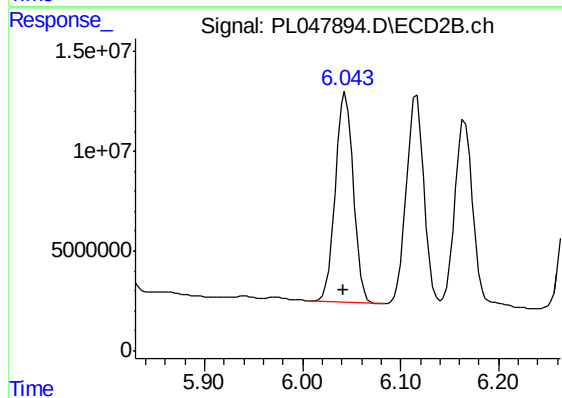
#9 Endosulfan I

R.T.: 6.165 min
Delta R.T.: 0.002 min
Response: 113496359
Conc: 40.42 ng/ml



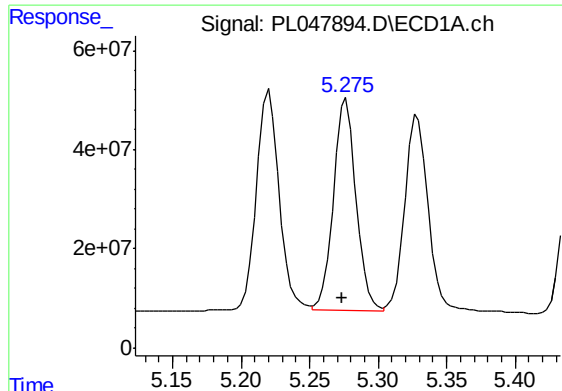
#10 gamma-Chlordane

R.T.: 5.221 min
Delta R.T.: 0.003 min
Response: 509184613
Conc: 38.25 ng/ml



#10 gamma-Chlordane

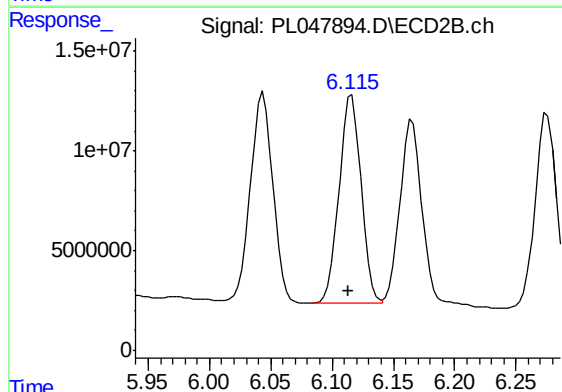
R.T.: 6.044 min
Delta R.T.: 0.002 min
Response: 133028103
Conc: 43.96 ng/ml



#11 alpha-Chlordane

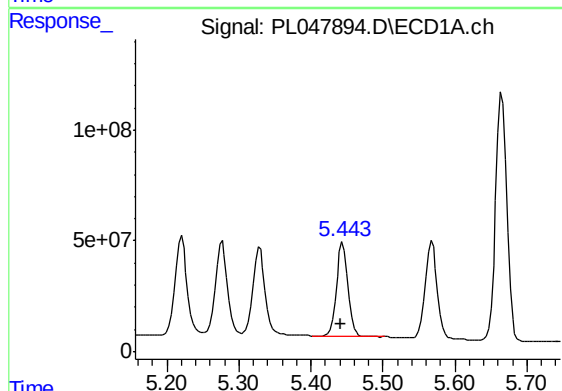
R.T.: 5.277 min
Delta R.T.: 0.003 min
Response: 491724115
Conc: 37.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMS



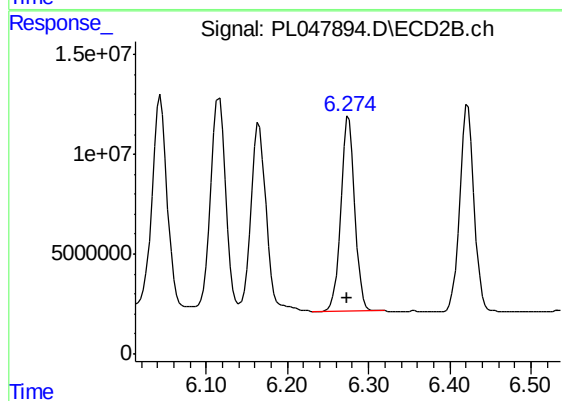
#11 alpha-Chlordane

R.T.: 6.116 min
Delta R.T.: 0.002 min
Response: 130301129
Conc: 43.07 ng/ml



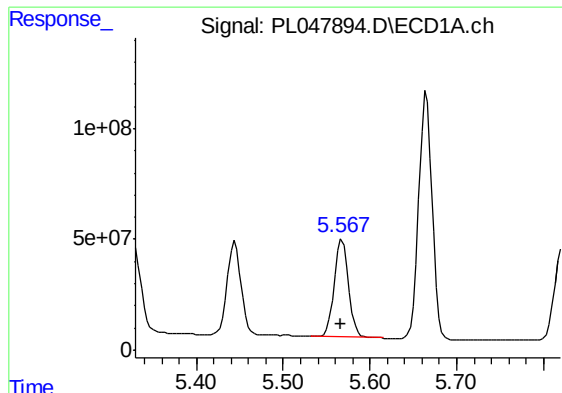
#12 4,4'-DDE

R.T.: 5.444 min
Delta R.T.: 0.002 min
Response: 466171235
Conc: 37.48 ng/ml



#12 4,4'-DDE

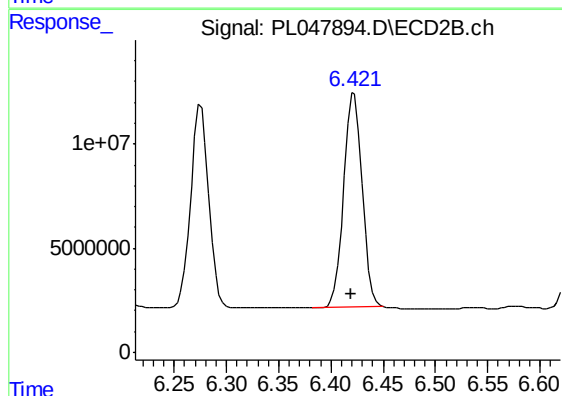
R.T.: 6.276 min
Delta R.T.: 0.003 min
Response: 117779818
Conc: 42.65 ng/ml



#13 Dielddrin

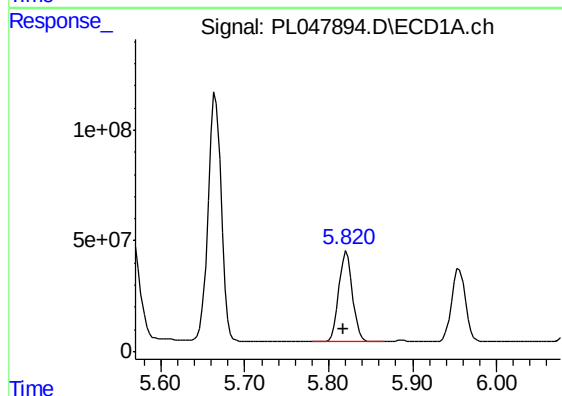
R.T.: 5.568 min
Delta R.T.: 0.002 min
Response: 509035745
Conc: 39.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMS



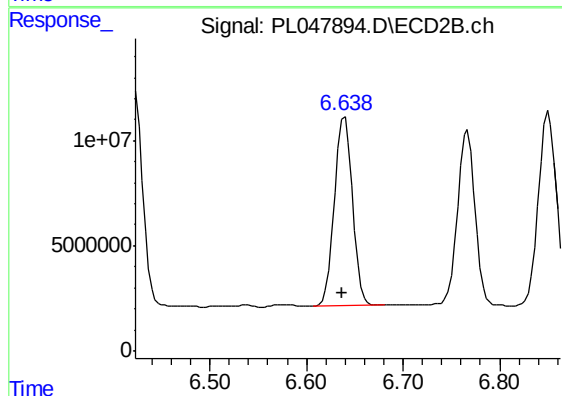
#13 Dielddrin

R.T.: 6.422 min
Delta R.T.: 0.003 min
Response: 126704118
Conc: 43.34 ng/ml



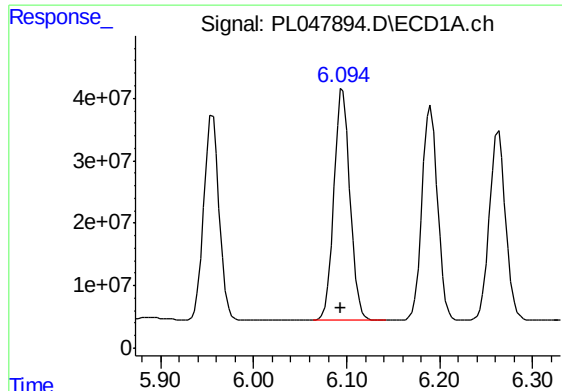
#14 Endrin

R.T.: 5.822 min
Delta R.T.: 0.003 min
Response: 459474833
Conc: 38.66 ng/ml



#14 Endrin

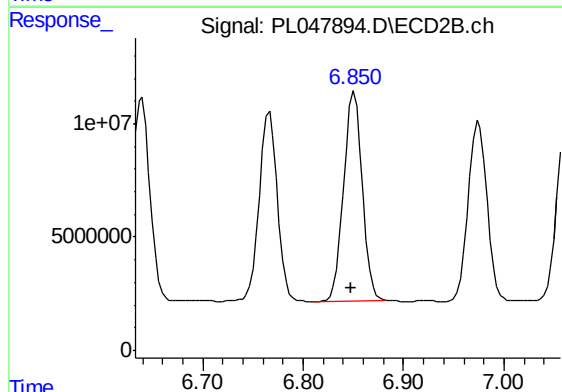
R.T.: 6.640 min
Delta R.T.: 0.003 min
Response: 114636874
Conc: 44.88 ng/ml



#15 Endosulfan II

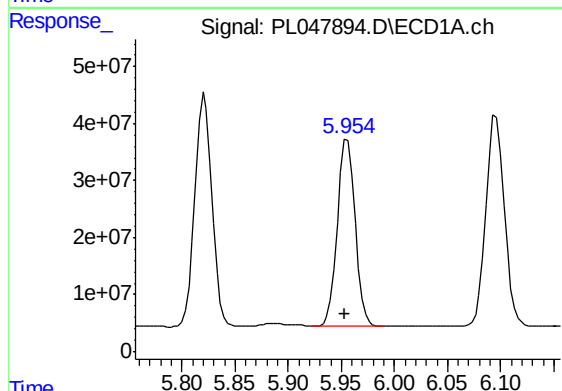
R.T.: 6.096 min
Delta R.T.: 0.002 min
Response: 446960558
Conc: 39.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMS



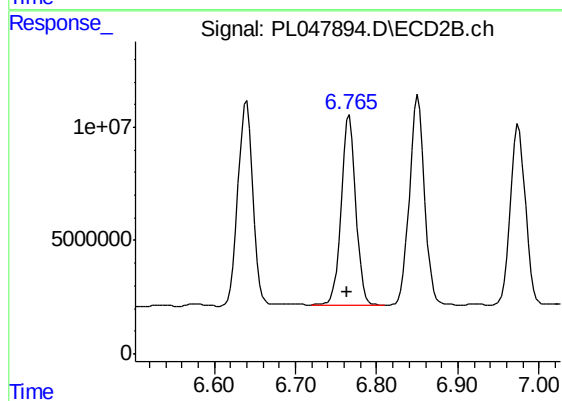
#15 Endosulfan II

R.T.: 6.851 min
Delta R.T.: 0.003 min
Response: 118066116
Conc: 45.00 ng/ml



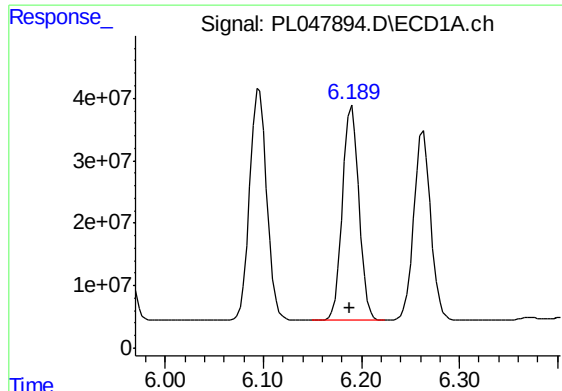
#16 4,4'-DDD

R.T.: 5.956 min
Delta R.T.: 0.002 min
Response: 378256499
Conc: 38.47 ng/ml



#16 4,4'-DDD

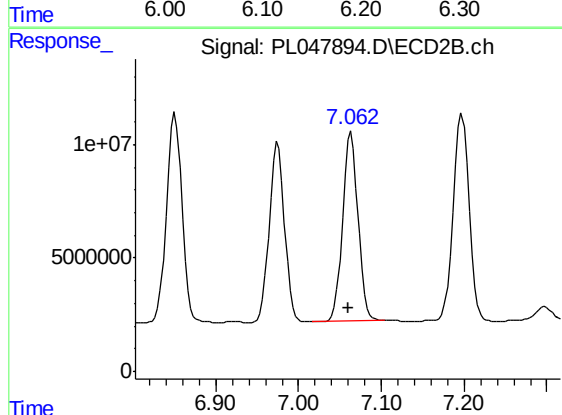
R.T.: 6.767 min
Delta R.T.: 0.003 min
Response: 105470948
Conc: 46.98 ng/ml



#17 4,4'-DDT

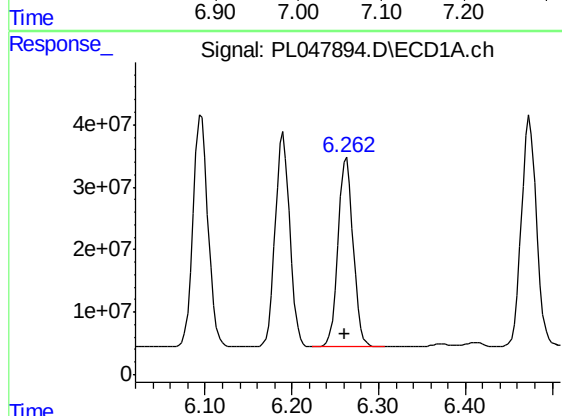
R.T.: 6.190 min
Delta R.T.: 0.002 min
Response: 398185707
Conc: 39.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMS



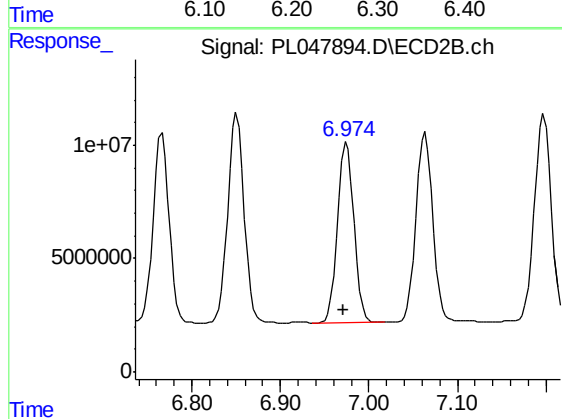
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: 0.003 min
Response: 108548415
Conc: 45.57 ng/ml



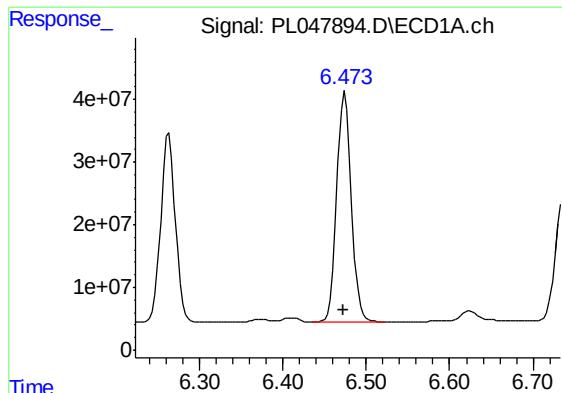
#18 Endrin aldehyde

R.T.: 6.263 min
Delta R.T.: 0.003 min
Response: 369352690
Conc: 39.15 ng/ml



#18 Endrin aldehyde

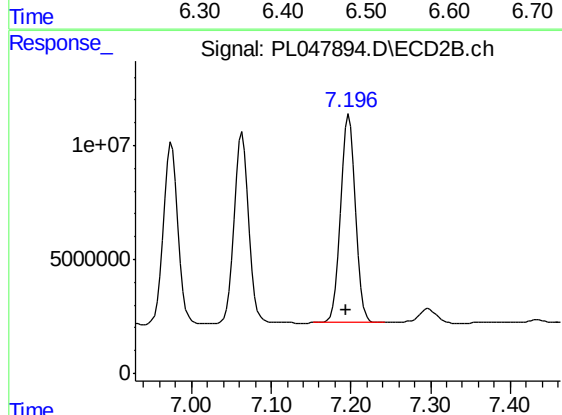
R.T.: 6.975 min
Delta R.T.: 0.004 min
Response: 102512009
Conc: 44.37 ng/ml



#19 Endosulfan Sulfate

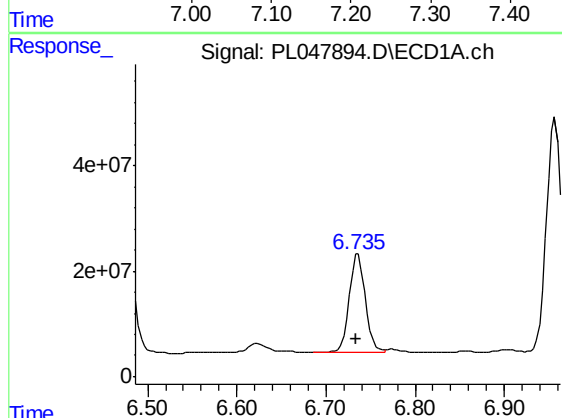
R.T.: 6.474 min
Delta R.T.: 0.002 min
Response: 449475984
Conc: 40.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMS



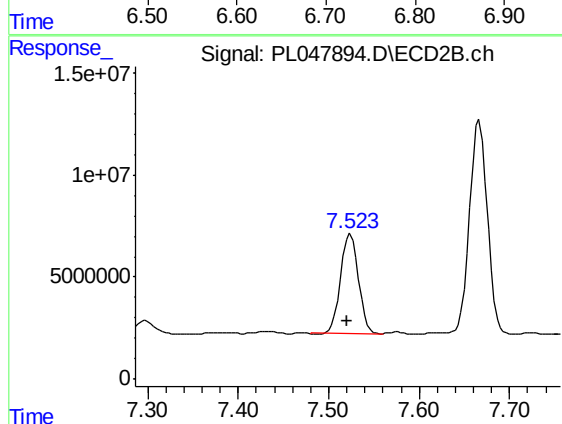
#19 Endosulfan Sulfate

R.T.: 7.198 min
Delta R.T.: 0.003 min
Response: 121909916
Conc: 44.52 ng/ml



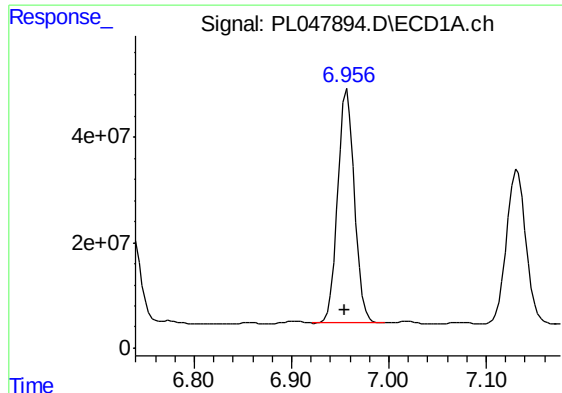
#20 Methoxychlor

R.T.: 6.736 min
Delta R.T.: 0.002 min
Response: 236801250
Conc: 44.52 ng/ml



#20 Methoxychlor

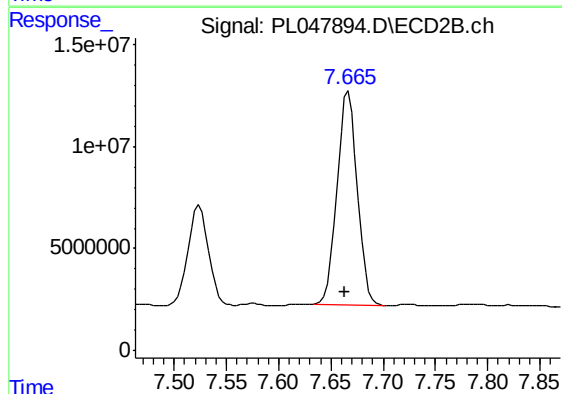
R.T.: 7.524 min
Delta R.T.: 0.003 min
Response: 66416230
Conc: 47.37 ng/ml



#21 Endrin ketone

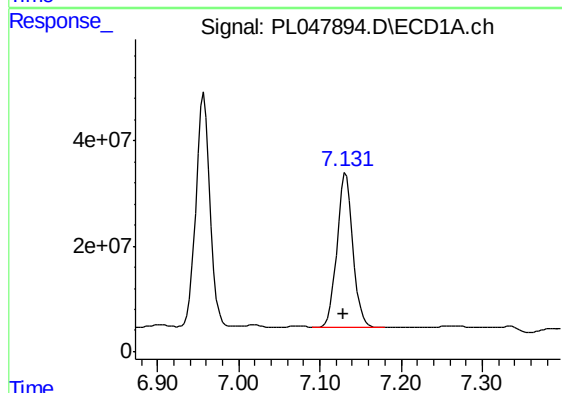
R.T.: 6.957 min
Delta R.T.: 0.003 min
Response: 534022571
Conc: 45.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMS



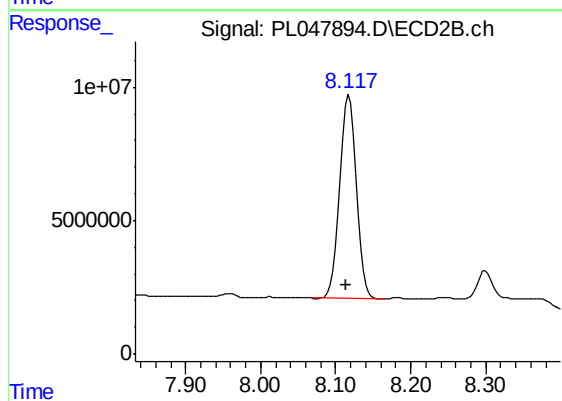
#21 Endrin ketone

R.T.: 7.667 min
Delta R.T.: 0.004 min
Response: 141891668
Conc: 50.46 ng/ml



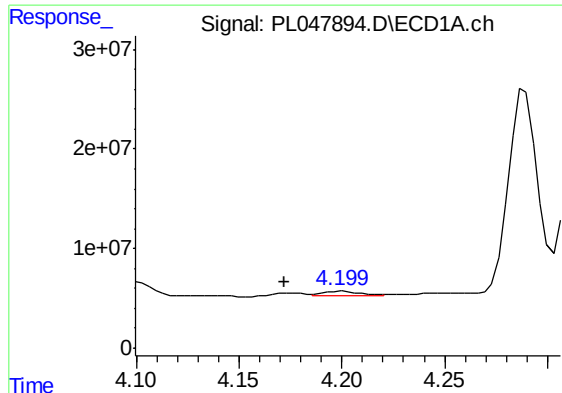
#22 Mirex

R.T.: 7.132 min
Delta R.T.: 0.003 min
Response: 397750579
Conc: 42.37 ng/ml



#22 Mirex

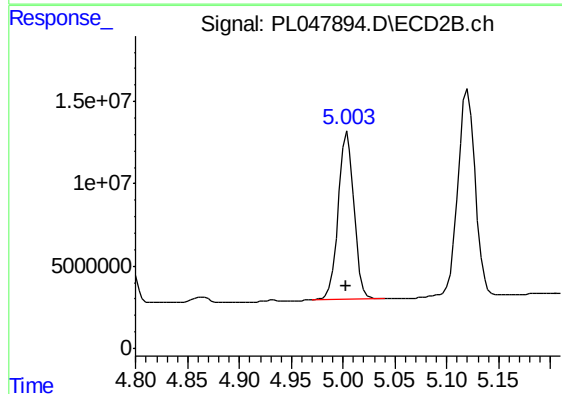
R.T.: 8.118 min
Delta R.T.: 0.004 min
Response: 115212299
Conc: 49.51 ng/ml



#23 Chlordane-1

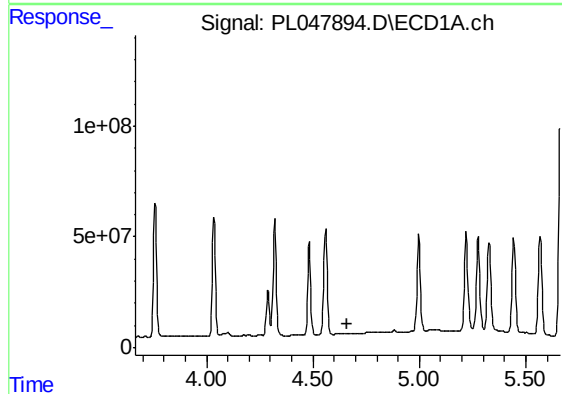
R.T.: 4.201 min
Delta R.T.: 0.028 min
Response: 5274475
Conc: 12.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMS



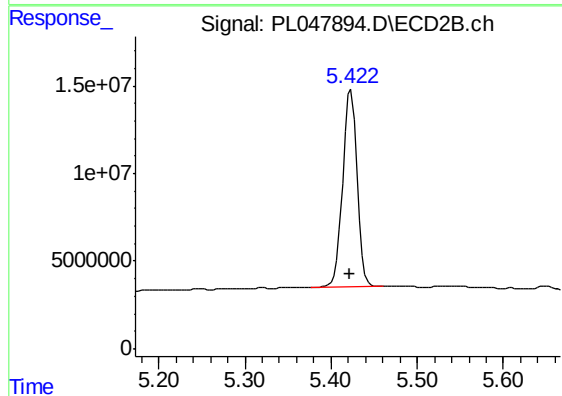
#23 Chlordane-1

R.T.: 5.004 min
Delta R.T.: 0.001 min
Response: 107801304
Conc: 420.76 ng/ml



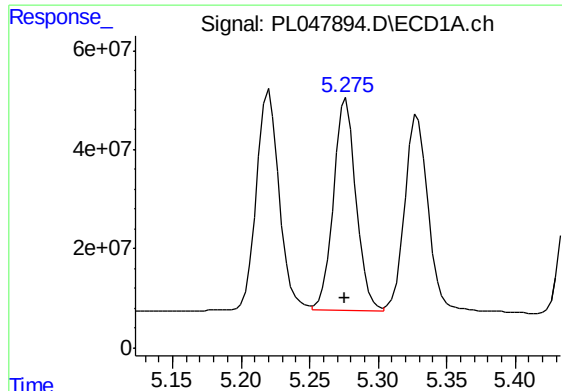
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.663 min
Response: 0
Conc: N.D.



#24 Chlordane-2

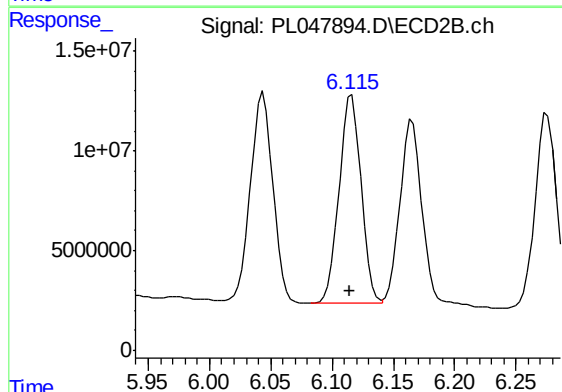
R.T.: 5.423 min
Delta R.T.: 0.001 min
Response: 132586175
Conc: 426.08 ng/ml



#25 Chlordane-3

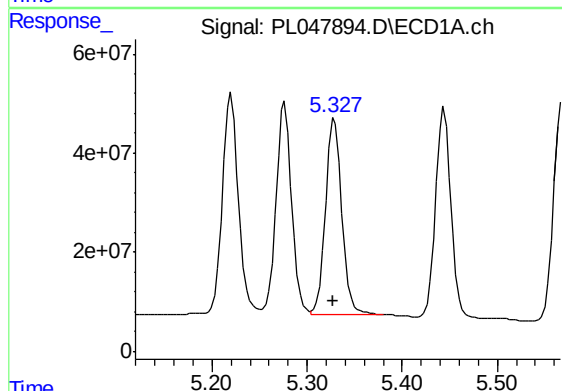
R.T.: 5.277 min
Delta R.T.: 0.001 min
Response: 491724115
Conc: 372.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMS



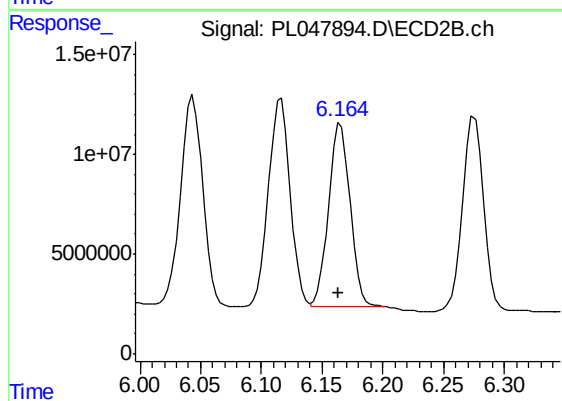
#25 Chlordane-3

R.T.: 6.116 min
Delta R.T.: 0.002 min
Response: 130301129
Conc: 439.87 ng/ml



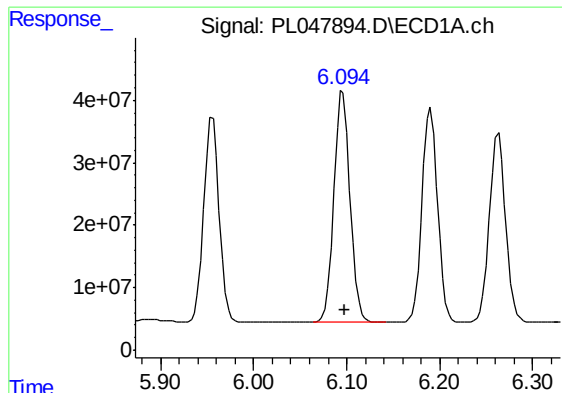
#26 Chlordane-4

R.T.: 5.329 min
Delta R.T.: 0.001 min
Response: 465712699
Conc: 379.02 ng/ml



#26 Chlordane-4

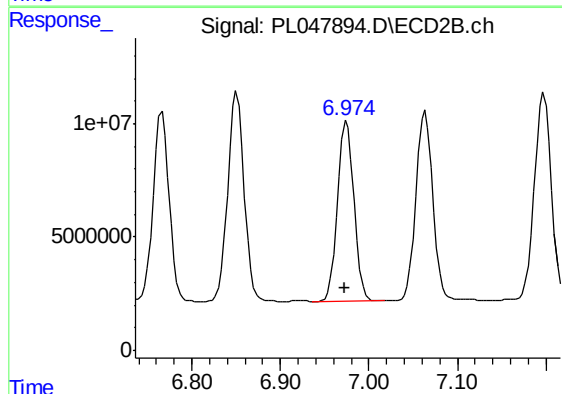
R.T.: 6.165 min
Delta R.T.: 0.002 min
Response: 113496359
Conc: 412.12 ng/ml



#27 Chlordane-5

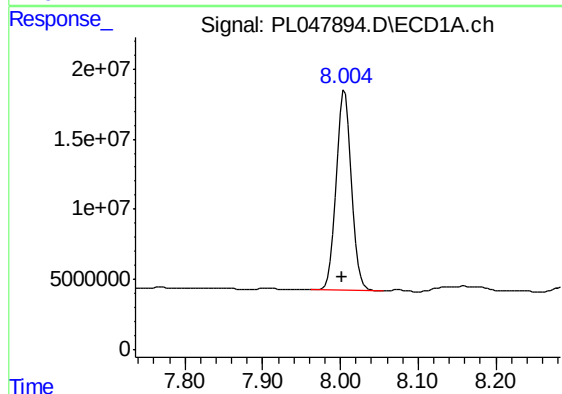
R.T.: 6.096 min
Delta R.T.: -0.002 min
Response: 446960558
Conc: 1054.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMS



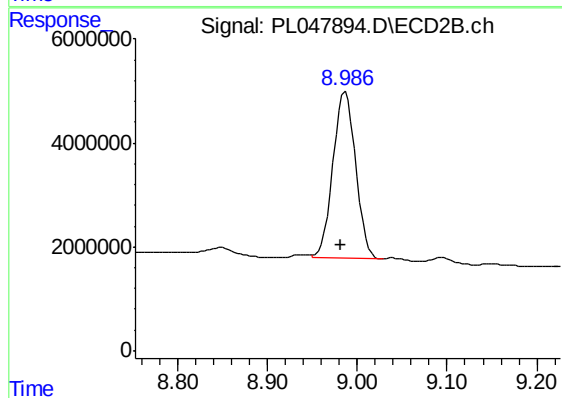
#27 Chlordane-5

R.T.: 6.975 min
Delta R.T.: 0.003 min
Response: 102512009
Conc: 454.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.005 min
Delta R.T.: 0.004 min
Response: 196211743
Conc: 17.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.987 min
Delta R.T.: 0.005 min
Response: 56345021
Conc: 19.74 ng/ml