

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042619\
 Data File : PL047895.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Apr 2019 23:45
 Operator : AJ\SJ
 Sample : K2571-01MSD
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 114-PENNINGTONMSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 27 02:07:17 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	141.4E6	45832216	15.292	19.199 #
28)	SA Decachlor...	8.005	8.987	193.9E6	56156201	17.319	19.672
Target Compounds							
2)	A alpha-BHC	3.759	4.332	572.1E6	150.4E6	39.135	45.323
3)	MA gamma-BHC...	4.036	4.616	504.6E6	139.3E6	38.066	44.402
4)	MA Heptachlor	4.321	5.120	545.2E6	145.2E6	38.265	43.214
5)	MB Aldrin	4.561	5.423	503.0E6	130.8E6	36.123	41.901
6)	B beta-BHC	4.290	4.790	203.8E6	62171807	36.075	43.150
7)	B delta-BHC	4.484	5.004	406.1E6	105.7E6	31.265	42.083 #
8)	B Heptachlor...	4.998	5.810	470.7E6	126.8E6	36.729	45.360
9)	A Endosulfan I	5.329	6.166	459.9E6	114.3E6	38.026	40.706
10)	B gamma-Chl...	5.220	6.044	503.9E6	133.5E6	37.850	44.105
11)	B alpha-Chl...	5.277	6.116	484.4E6	131.2E6	37.125	43.362
12)	B 4,4'-DDE	5.445	6.276	462.5E6	117.4E6	37.181	42.523
13)	MA Dieldrin	5.569	6.422	508.3E6	127.0E6	39.155	43.428
14)	MA Endrin	5.821	6.640	459.5E6	114.8E6	38.668	44.926
15)	B Endosulfa...	6.096	6.851	446.9E6	118.2E6	39.911	45.039
16)	A 4,4'-DDD	5.956	6.766	378.5E6	105.1E6	38.497	46.834
17)	MA 4,4'-DDT	6.190	7.064	403.0E6	109.9E6	40.422	46.114
18)	B Endrin al...	6.263	6.974	368.6E6	102.9E6	39.072	44.525
19)	B Endosulfa...	6.474	7.198	448.4E6	121.9E6	40.228	44.502
20)	A Methoxychlor	6.737	7.525	239.2E6	68603433	44.974	48.927
21)	B Endrin ke...	6.957	7.667	535.3E6	144.0E6	45.138	51.213
22)	Mirex	7.132	8.118	395.3E6	115.4E6	42.113	49.598
23)	Chlordane-1	0.000	5.004	0	105.7E6	N.D.	412.654 #
24)	Chlordane-2	0.000	5.423	0	130.8E6	N.D.	420.247 #
25)	Chlordane-3	5.277	6.116	484.4E6	131.2E6	367.448	442.866
26)	Chlordane-4	5.329	6.166	459.9E6	114.3E6	374.248	415.043
27)	Chlordane-5	6.096	6.974	446.9E6	102.9E6	1053.985	456.467 #

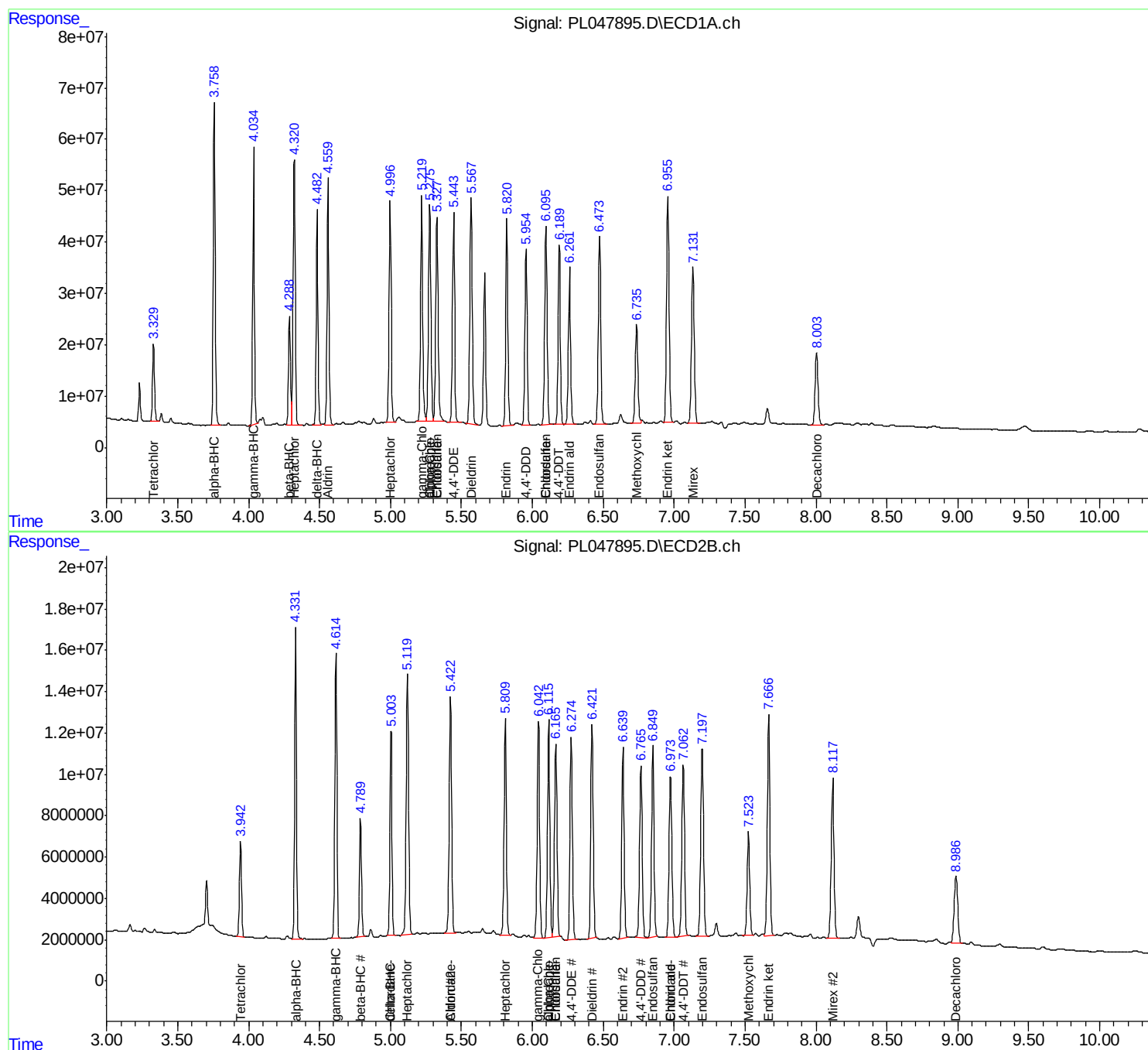
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

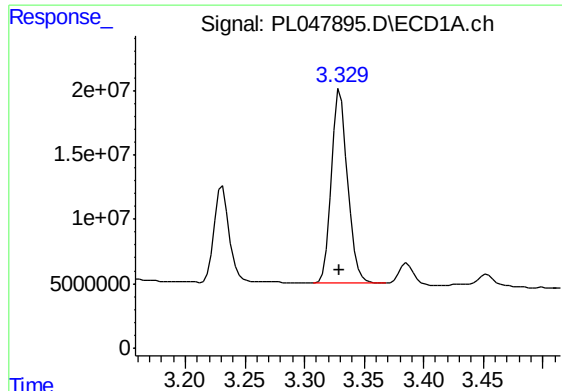
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042619\
Data File : PL047895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Apr 2019 23:45
Operator : AJ\SJ
Sample : K2571-01MSD
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 27 02:07:17 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

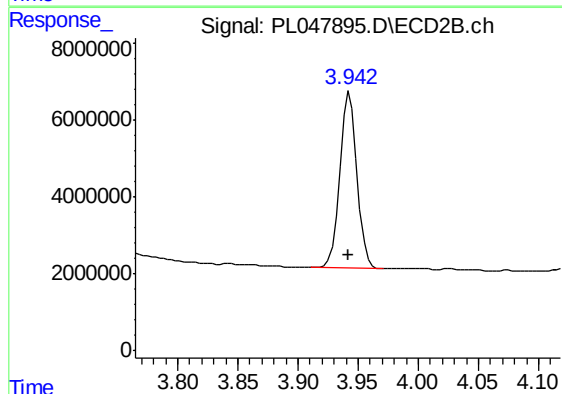




#1 Tetrachloro-m-xylene

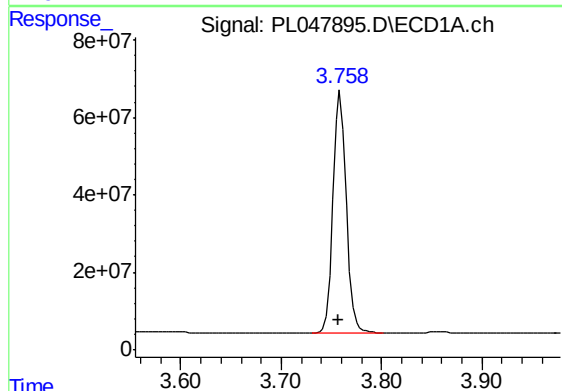
R.T.: 3.330 min
Delta R.T.: 0.001 min
Response: 141424443
Conc: 15.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD



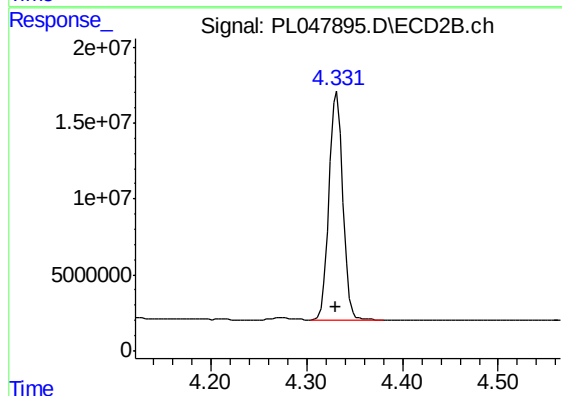
#1 Tetrachloro-m-xylene

R.T.: 3.943 min
Delta R.T.: 0.001 min
Response: 45832216
Conc: 19.20 ng/ml



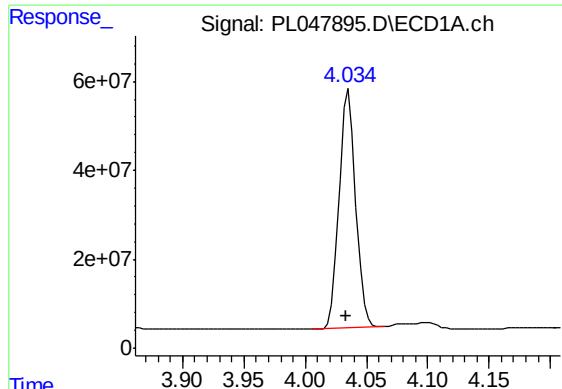
#2 alpha-BHC

R.T.: 3.759 min
Delta R.T.: 0.002 min
Response: 572088230
Conc: 39.13 ng/ml



#2 alpha-BHC

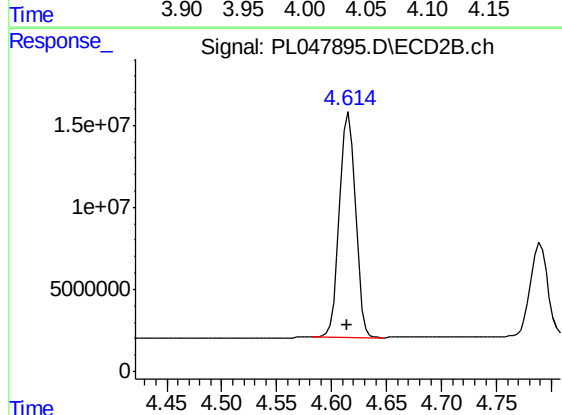
R.T.: 4.332 min
Delta R.T.: 0.002 min
Response: 150412872
Conc: 45.32 ng/ml



#3 gamma-BHC (Lindane)

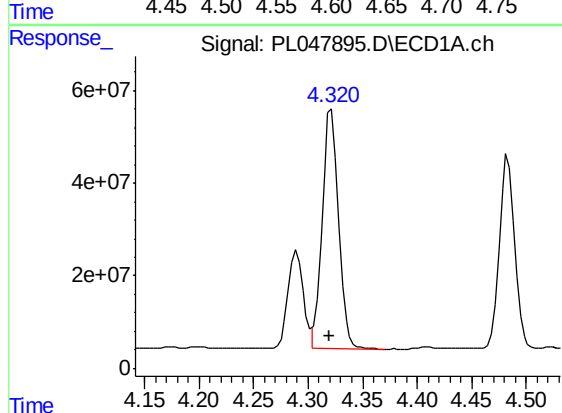
R.T.: 4.036 min
Delta R.T.: 0.002 min
Response: 504556130
Conc: 38.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD



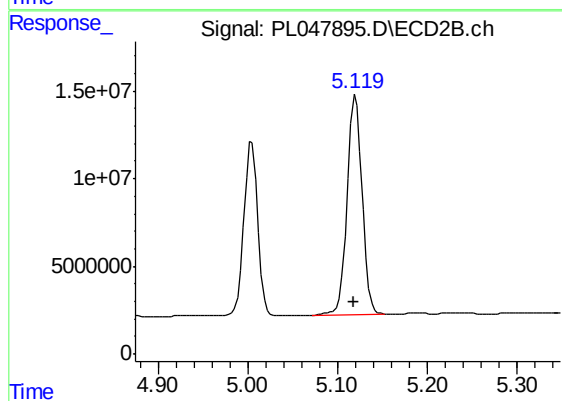
#3 gamma-BHC (Lindane)

R.T.: 4.616 min
Delta R.T.: 0.002 min
Response: 139265622
Conc: 44.40 ng/ml



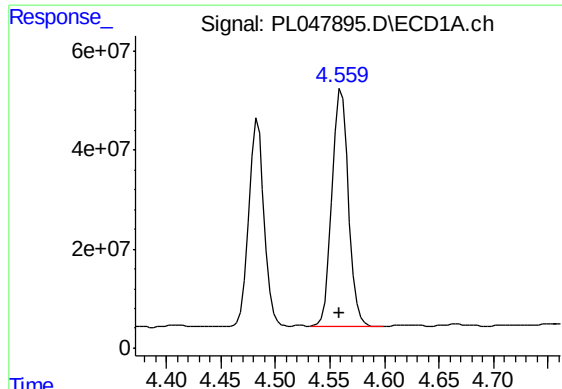
#4 Heptachlor

R.T.: 4.321 min
Delta R.T.: 0.002 min
Response: 545198207
Conc: 38.26 ng/ml



#4 Heptachlor

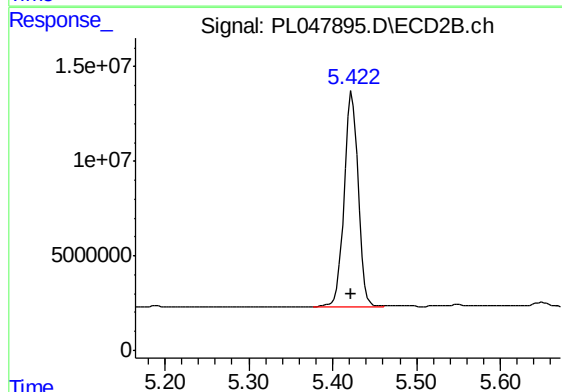
R.T.: 5.120 min
Delta R.T.: 0.002 min
Response: 145231494
Conc: 43.21 ng/ml



#5 Aldrin

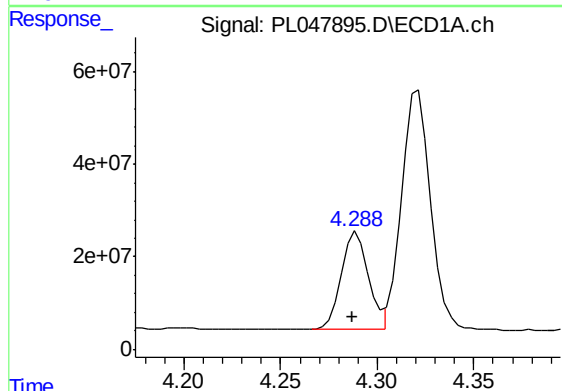
R.T.: 4.561 min
Delta R.T.: 0.002 min
Response: 503029765
Conc: 36.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD



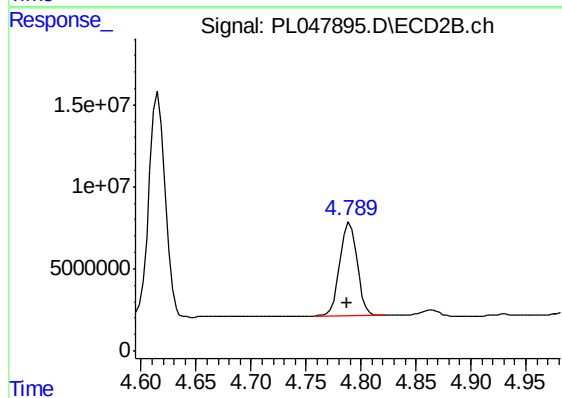
#5 Aldrin

R.T.: 5.423 min
Delta R.T.: 0.002 min
Response: 130772192
Conc: 41.90 ng/ml



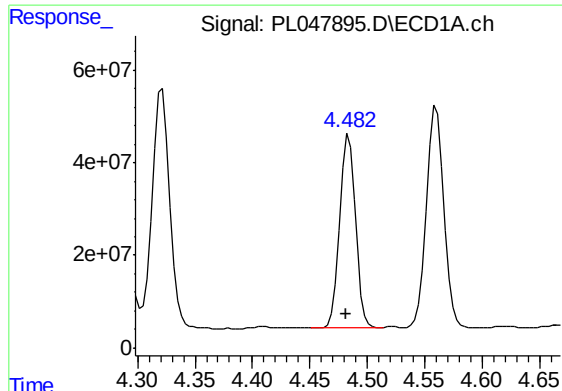
#6 beta-BHC

R.T.: 4.290 min
Delta R.T.: 0.003 min
Response: 203826359
Conc: 36.08 ng/ml



#6 beta-BHC

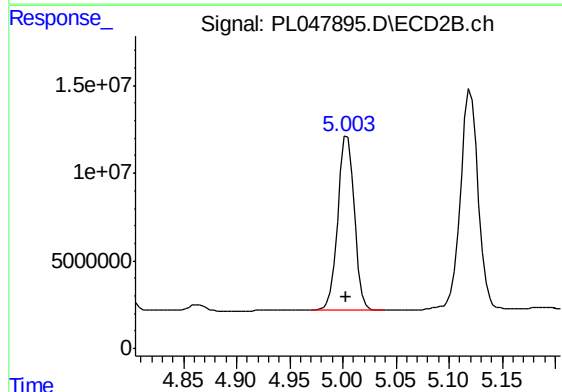
R.T.: 4.790 min
Delta R.T.: 0.002 min
Response: 62171807
Conc: 43.15 ng/ml



#7 delta-BHC

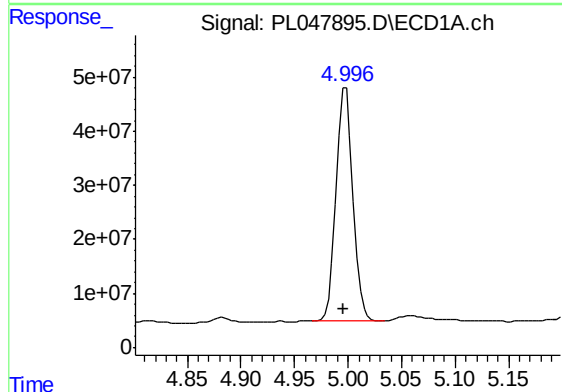
R.T.: 4.484 min
Delta R.T.: 0.002 min
Response: 406146489
Conc: 31.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD



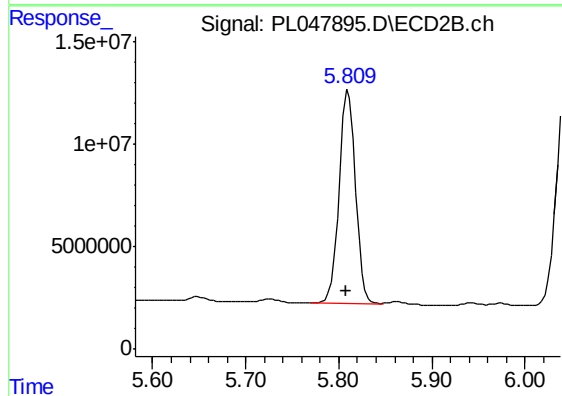
#7 delta-BHC

R.T.: 5.004 min
Delta R.T.: 0.002 min
Response: 105723597
Conc: 42.08 ng/ml



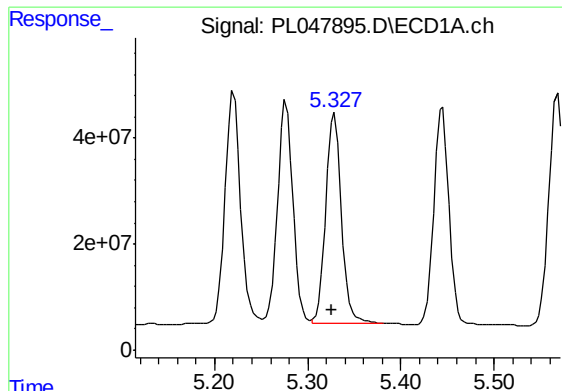
#8 Heptachlor epoxide

R.T.: 4.998 min
Delta R.T.: 0.003 min
Response: 470681739
Conc: 36.73 ng/ml



#8 Heptachlor epoxide

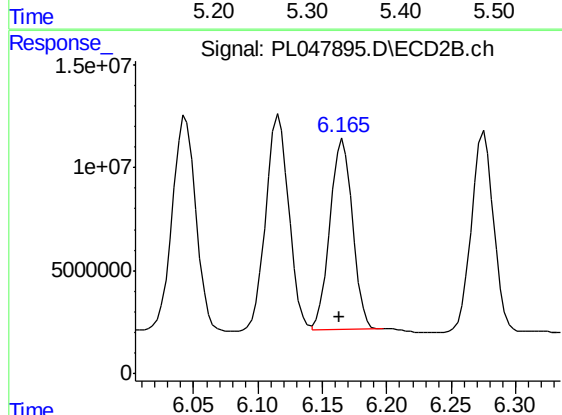
R.T.: 5.810 min
Delta R.T.: 0.003 min
Response: 126770609
Conc: 45.36 ng/ml



#9 Endosulfan I

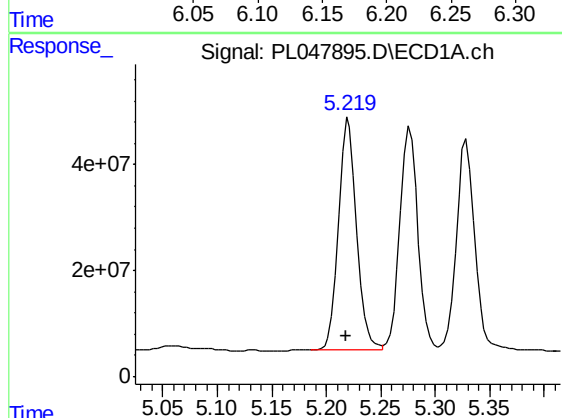
R.T.: 5.329 min
Delta R.T.: 0.002 min
Response: 459853263
Conc: 38.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD



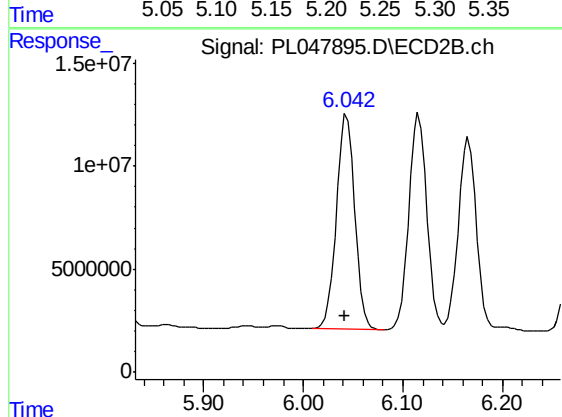
#9 Endosulfan I

R.T.: 6.166 min
Delta R.T.: 0.003 min
Response: 114301474
Conc: 40.71 ng/ml



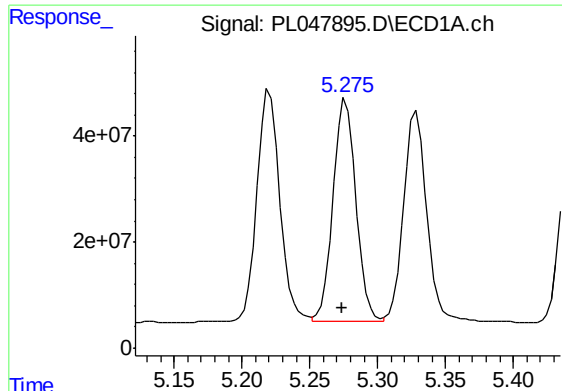
#10 gamma-Chlordane

R.T.: 5.220 min
Delta R.T.: 0.003 min
Response: 503922134
Conc: 37.85 ng/ml



#10 gamma-Chlordane

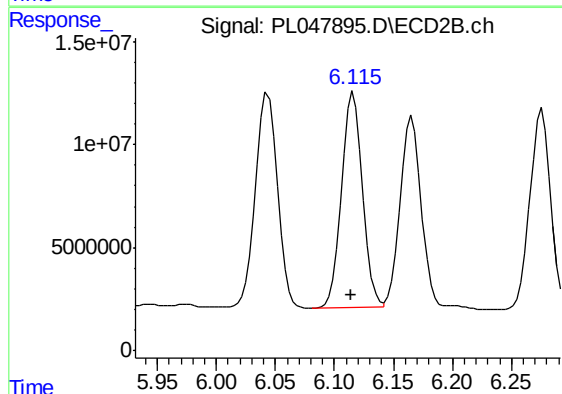
R.T.: 6.044 min
Delta R.T.: 0.002 min
Response: 133475343
Conc: 44.10 ng/ml



#11 alpha-Chlordane

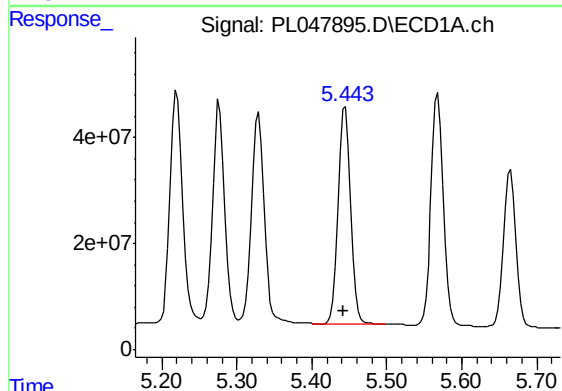
R.T.: 5.277 min
Delta R.T.: 0.003 min
Response: 484433848
Conc: 37.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD



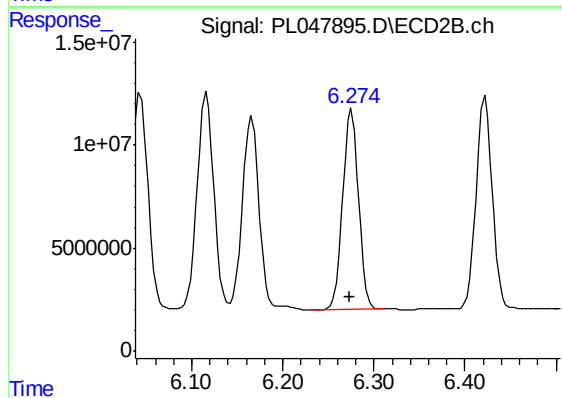
#11 alpha-Chlordane

R.T.: 6.116 min
Delta R.T.: 0.003 min
Response: 131188488
Conc: 43.36 ng/ml



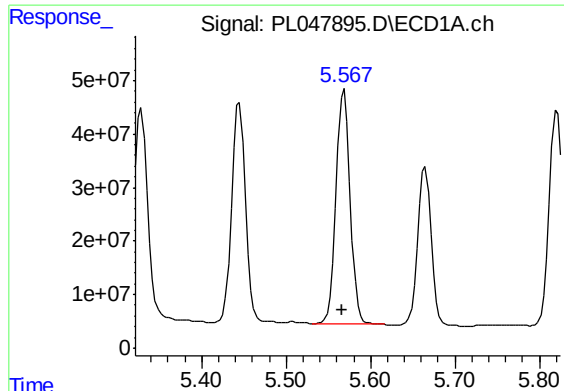
#12 4,4'-DDE

R.T.: 5.445 min
Delta R.T.: 0.003 min
Response: 462484538
Conc: 37.18 ng/ml



#12 4,4'-DDE

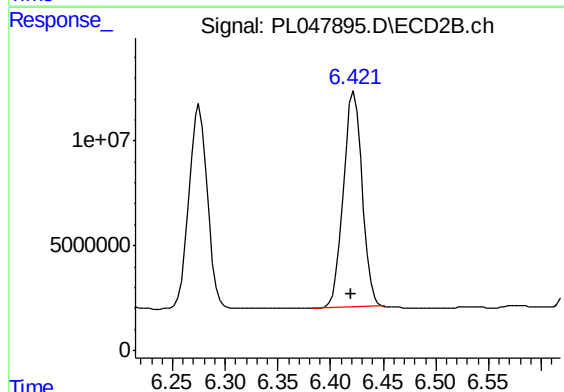
R.T.: 6.276 min
Delta R.T.: 0.003 min
Response: 117422341
Conc: 42.52 ng/ml



#13 Dieldrin

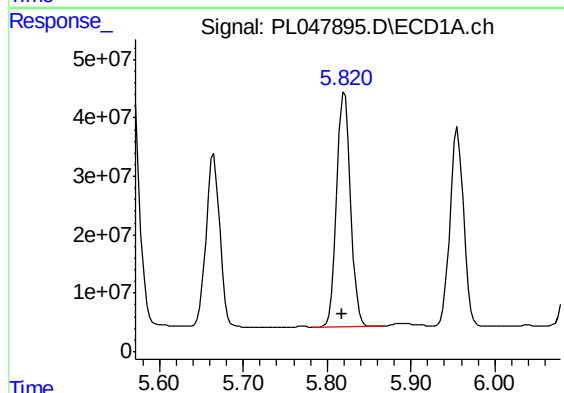
R.T.: 5.569 min
Delta R.T.: 0.003 min
Response: 508297411
Conc: 39.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD



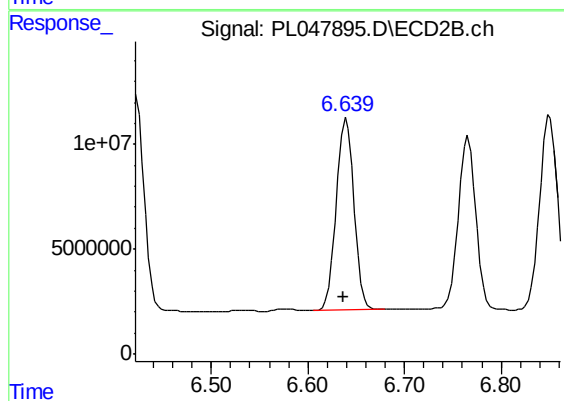
#13 Dieldrin

R.T.: 6.422 min
Delta R.T.: 0.003 min
Response: 126957958
Conc: 43.43 ng/ml



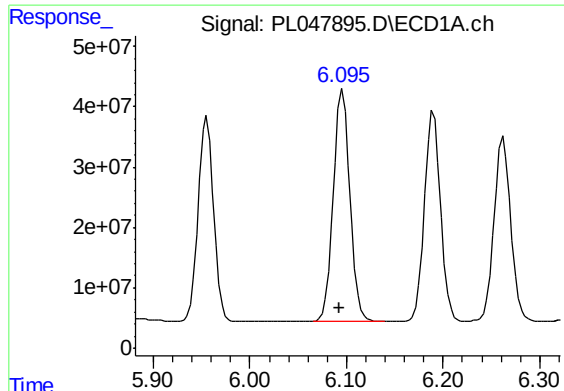
#14 Endrin

R.T.: 5.821 min
Delta R.T.: 0.003 min
Response: 459518879
Conc: 38.67 ng/ml



#14 Endrin

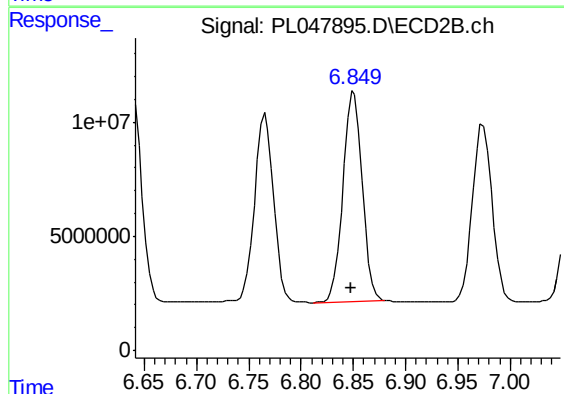
R.T.: 6.640 min
Delta R.T.: 0.003 min
Response: 114757981
Conc: 44.93 ng/ml



#15 Endosulfan II

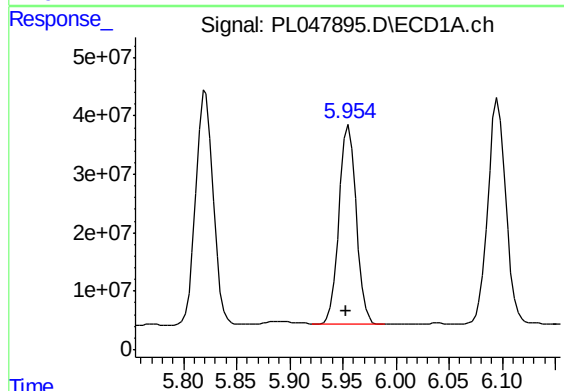
R.T.: 6.096 min
Delta R.T.: 0.003 min
Response: 446862844
Conc: 39.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD



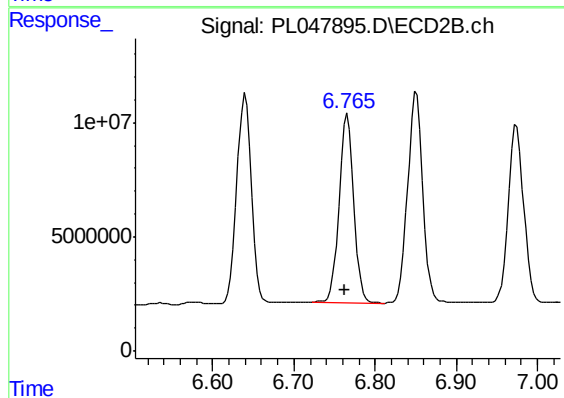
#15 Endosulfan II

R.T.: 6.851 min
Delta R.T.: 0.003 min
Response: 118165723
Conc: 45.04 ng/ml



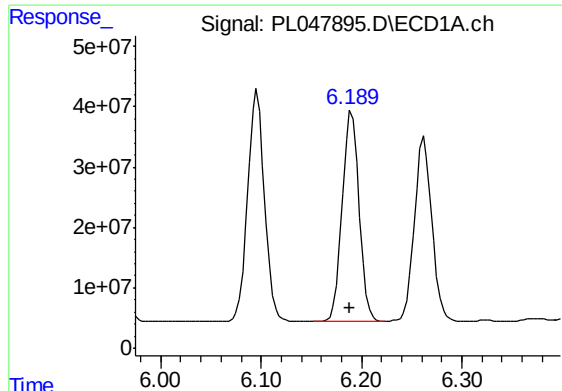
#16 4,4'-DDD

R.T.: 5.956 min
Delta R.T.: 0.002 min
Response: 378544196
Conc: 38.50 ng/ml



#16 4,4'-DDD

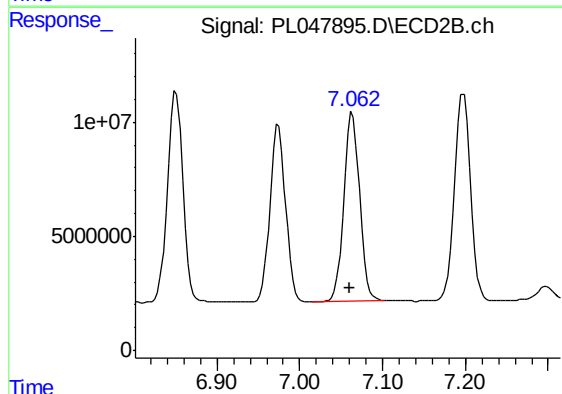
R.T.: 6.766 min
Delta R.T.: 0.003 min
Response: 105146911
Conc: 46.83 ng/ml



#17 4,4'-DDT

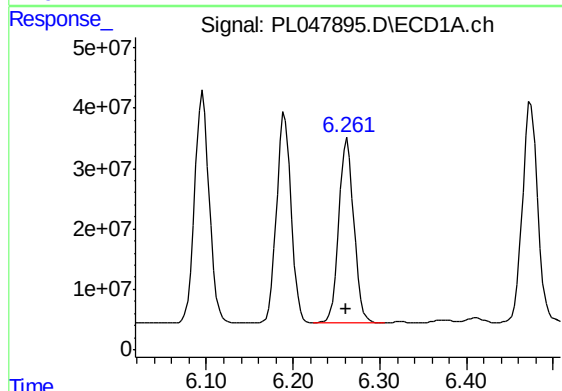
R.T.: 6.190 min
Delta R.T.: 0.002 min
Response: 403000040
Conc: 40.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD



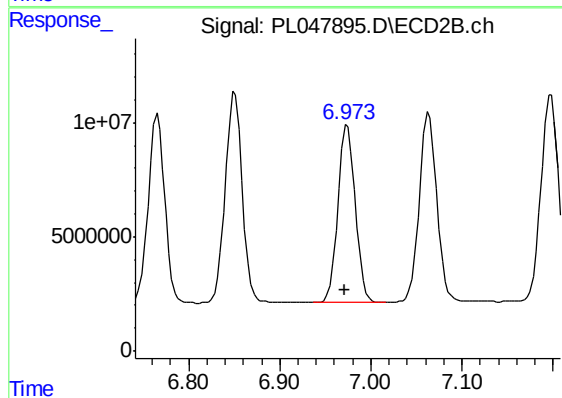
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: 0.003 min
Response: 109851834
Conc: 46.11 ng/ml



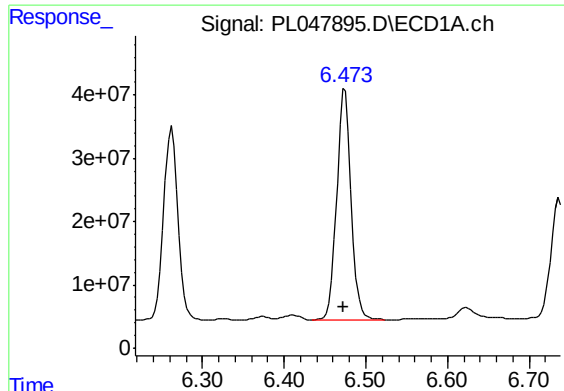
#18 Endrin aldehyde

R.T.: 6.263 min
Delta R.T.: 0.002 min
Response: 368644706
Conc: 39.07 ng/ml



#18 Endrin aldehyde

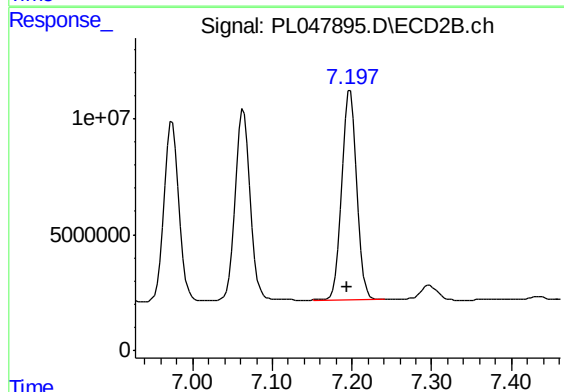
R.T.: 6.974 min
Delta R.T.: 0.003 min
Response: 102867606
Conc: 44.52 ng/ml



#19 Endosulfan Sulfate

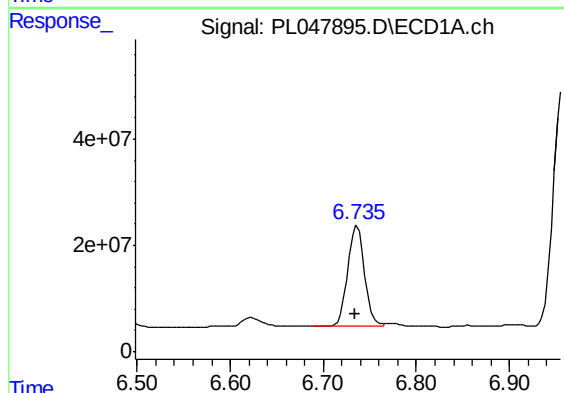
R.T.: 6.474 min
Delta R.T.: 0.002 min
Response: 448397721
Conc: 40.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD



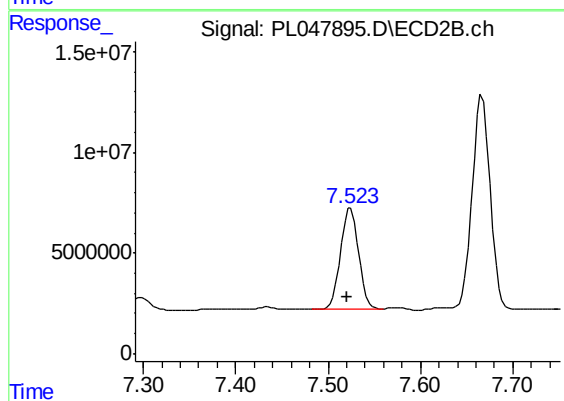
#19 Endosulfan Sulfate

R.T.: 7.198 min
Delta R.T.: 0.004 min
Response: 121867512
Conc: 44.50 ng/ml



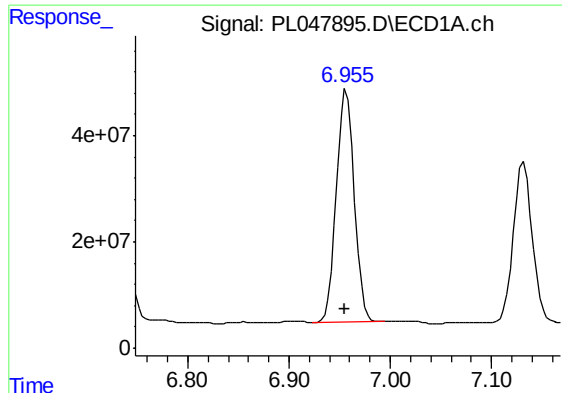
#20 Methoxychlor

R.T.: 6.737 min
Delta R.T.: 0.003 min
Response: 239200906
Conc: 44.97 ng/ml



#20 Methoxychlor

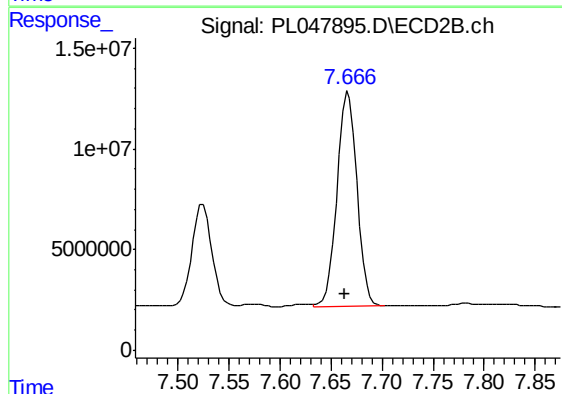
R.T.: 7.525 min
Delta R.T.: 0.004 min
Response: 68603433
Conc: 48.93 ng/ml



#21 Endrin ketone

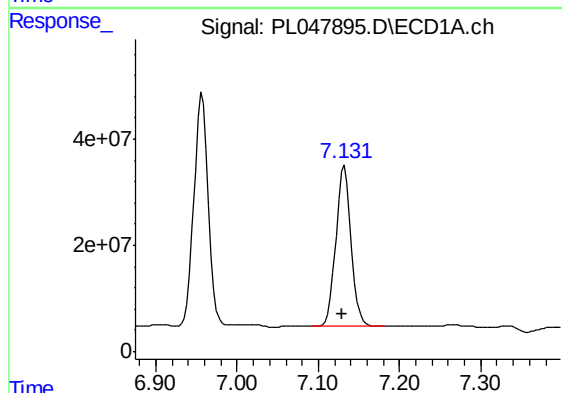
R.T.: 6.957 min
Delta R.T.: 0.002 min
Response: 535268815
Conc: 45.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD



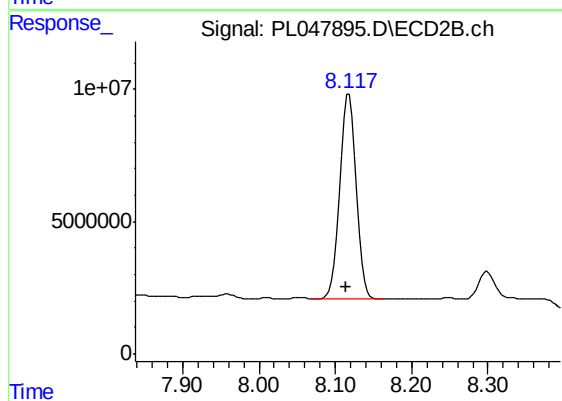
#21 Endrin ketone

R.T.: 7.667 min
Delta R.T.: 0.004 min
Response: 143995813
Conc: 51.21 ng/ml



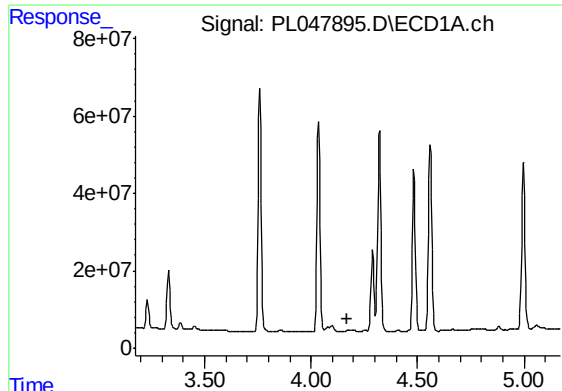
#22 Mirex

R.T.: 7.132 min
Delta R.T.: 0.003 min
Response: 395292849
Conc: 42.11 ng/ml



#22 Mirex

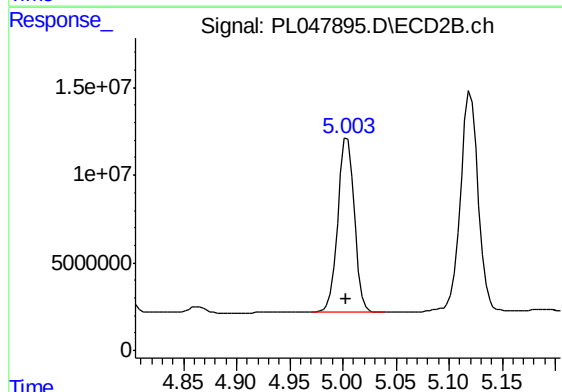
R.T.: 8.118 min
Delta R.T.: 0.004 min
Response: 115407334
Conc: 49.60 ng/ml



#23 Chlordane-1

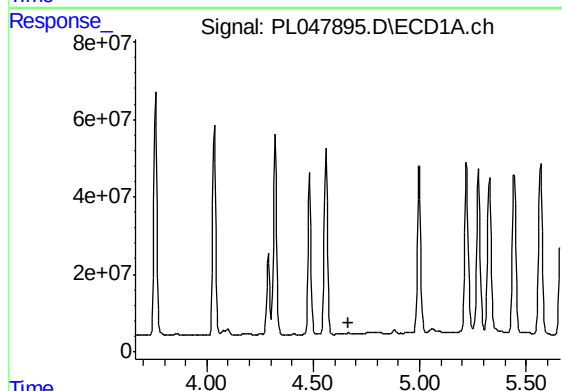
R.T.: 0.000 min
Exp R.T.: 4.172 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD



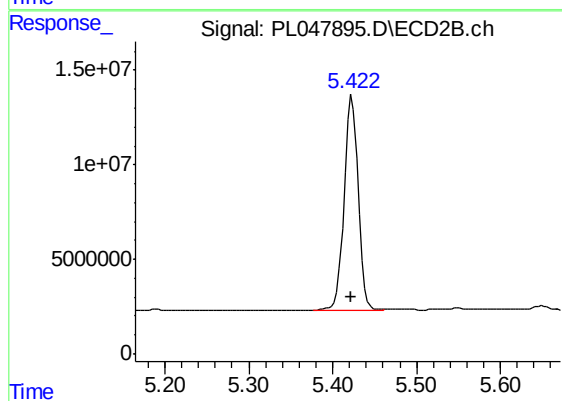
#23 Chlordane-1

R.T.: 5.004 min
Delta R.T.: 0.001 min
Response: 105723597
Conc: 412.65 ng/ml



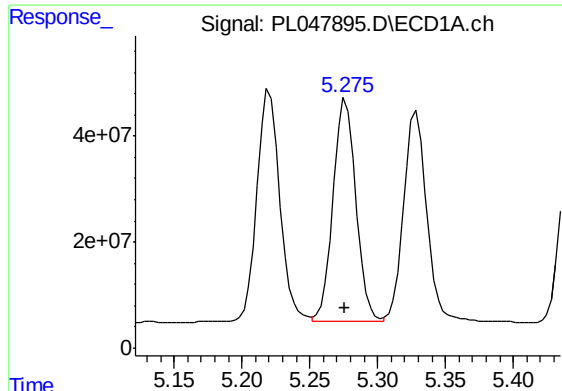
#24 Chlordane-2

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



#24 Chlordane-2

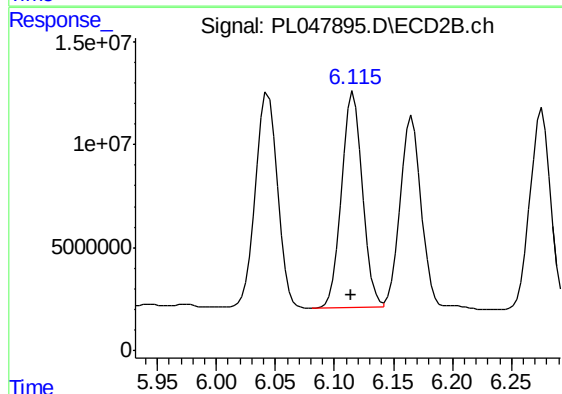
R.T.: 5.423 min
Delta R.T.: 0.001 min
Response: 130772192
Conc: 420.25 ng/ml



#25 Chlordane-3

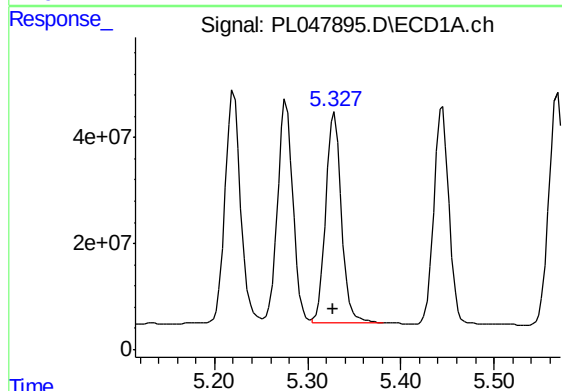
R.T.: 5.277 min
Delta R.T.: 0.001 min
Response: 484433848
Conc: 367.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD



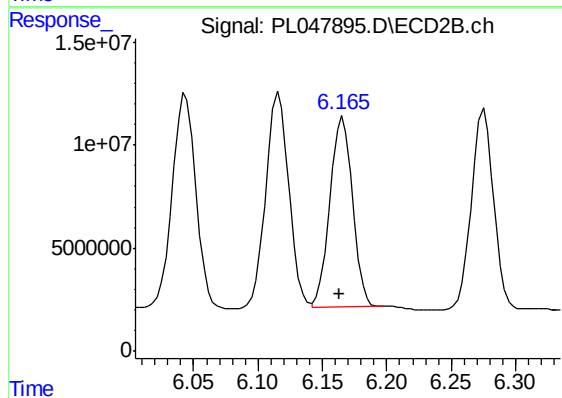
#25 Chlordane-3

R.T.: 6.116 min
Delta R.T.: 0.002 min
Response: 131188488
Conc: 442.87 ng/ml



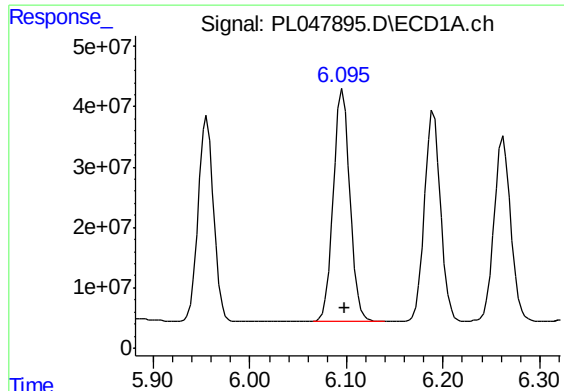
#26 Chlordane-4

R.T.: 5.329 min
Delta R.T.: 0.001 min
Response: 459853263
Conc: 374.25 ng/ml



#26 Chlordane-4

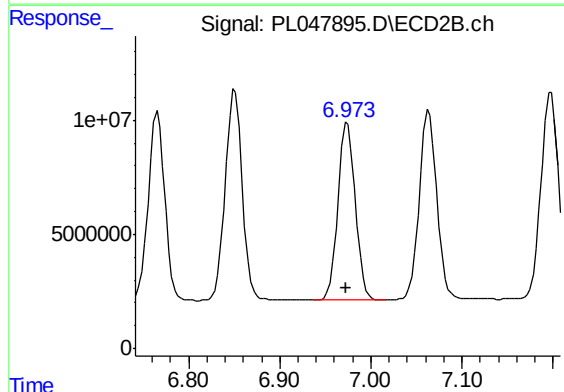
R.T.: 6.166 min
Delta R.T.: 0.003 min
Response: 114301474
Conc: 415.04 ng/ml



#27 Chlordane-5

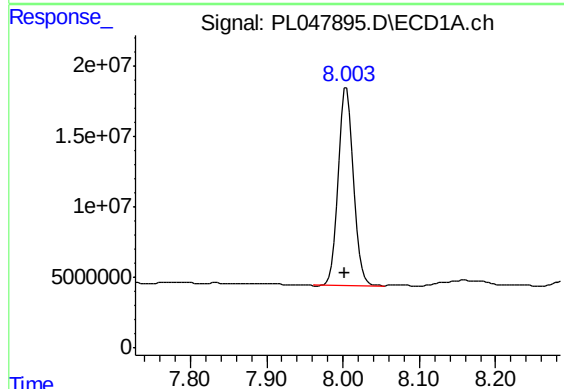
R.T.: 6.096 min
Delta R.T.: -0.002 min
Response: 446862844
Conc: 1053.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
114-PENNINGTONMSD



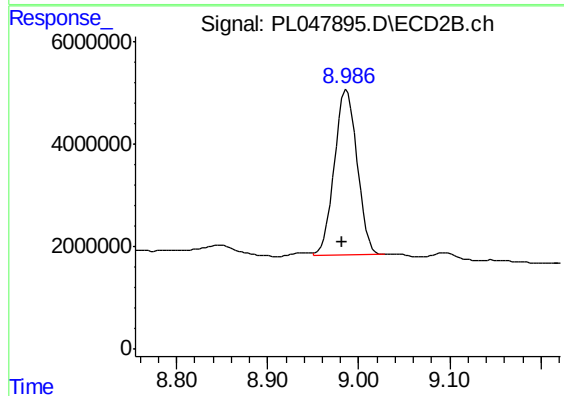
#27 Chlordane-5

R.T.: 6.974 min
Delta R.T.: 0.002 min
Response: 102867606
Conc: 456.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.005 min
Delta R.T.: 0.003 min
Response: 193879989
Conc: 17.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.987 min
Delta R.T.: 0.005 min
Response: 56156201
Conc: 19.67 ng/ml